Date: 03/12/2020 REV No: 02

Contract No. **Contract Title & Address**	HLA037a Medieval Quarter and Glade of Light Victoria Street, Manchester, M3 1SX
Duration of Project	Start Date: 01/02/2021 End Date: 29/10/2021
Client Name & Address	Manchester City Council, Town Hall Extension Level 8, Albert Square, Manchester, M2 5HD.
Principal Designer **Name & Address** **(Additional Designers listed in Appendix)**	Galliford Try Construction Ltd., Crab Lane, Fearnhead, Warrington, Cheshire, WA2 0XR.
Principal Contractor **Name & Address**	Galliford Try Construction Ltd., Crab Lane, Fearnhead, Warrington, Cheshire, WA2 0XR.
Prepared By	Adam Liu Print Name Above Signature Above Date: 03/12/2020
Reviewed By	Dave Procter Print Name Above Signature Above Date: 03/12/2020

This Construction Management Plan will be added to, reviewed and updated as the scheme develops, further design work is completed, information from subcontractors starting work becomes available, unforeseen circumstances or variations to planned circumstances arise or where the operations management team deem it is necessary.

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Revision History

Revision	Date	Description	Author
01	16/09/2020	First issue for planning application	Adam Liu
02	01/12/2020	Revised following comments from planning consultees	Adam Liu
03			

Introduction

(a) This Construction Management Plan has been produced specifically for the Medieval Quarter and Glade of Light scheme in accordance with the CDM 2015 Regulations. The aim of this Construction Management Plan is to provide clear, concise, and specific information required to manage the scheme, as well as outlining the arrangements for controlling any significant scheme specific risks.

(b) This Construction Management Plan has been produced taking into consideration the pre-construction information (Client brief) provided by Manchester City Council; information on residual design risks; information obtained from surveys; and a risk assessment of the scheme environment by the project team.

(c) This Construction Management Plan was initially produced during the pre-construction stage, and was submitted as part of the planning application in September 2020.

(d) It has since been revised and developed further following feedback received from planning consultees.

(e) To manage health and safety on the scheme, the system requirements outlined in our Health, Safety and Sustainability (HS&S) Standards will be implemented where relevant for the works to be undertaken.

(f) The project team has full access to our HS&S Standards via local intranet pages.

(g) Our HS&S Standards are based on legal compliance and those applicable to this scheme are identified in Appendix 1. By adhering to the requirements of the HS&S Standards we will ensure that adequate planning, suitable controls, legislative compliance, and constant monitoring to identify areas for improvement, will form part of the daily activities to ensure health and safety management remains a priority of the project team.

(h) The HS&S Standards are supported by guidance documents which contain more specific details to assist the project team in assessing the scheme's specific risks and producing safe systems of work.

(i) We aim to reduce the provision of generic paperwork, and to only provide scheme specific information and paperwork that helps with the communication and risk management of the scheme. Other documents this Construction Management Plan makes reference to, but are not scheme specific, will be made available on request.

(j) The project team will utilise the online Viewpoint for Projects system to manage and control documentation.

(k) The project team members responsible for the production, review and maintenance of this Construction Management Plan are:

Position	Name	Responsibility
Project Manager	Adam Liu	Production, updates and reviews
Sub Agent	Rob Stokey	Periodic updates

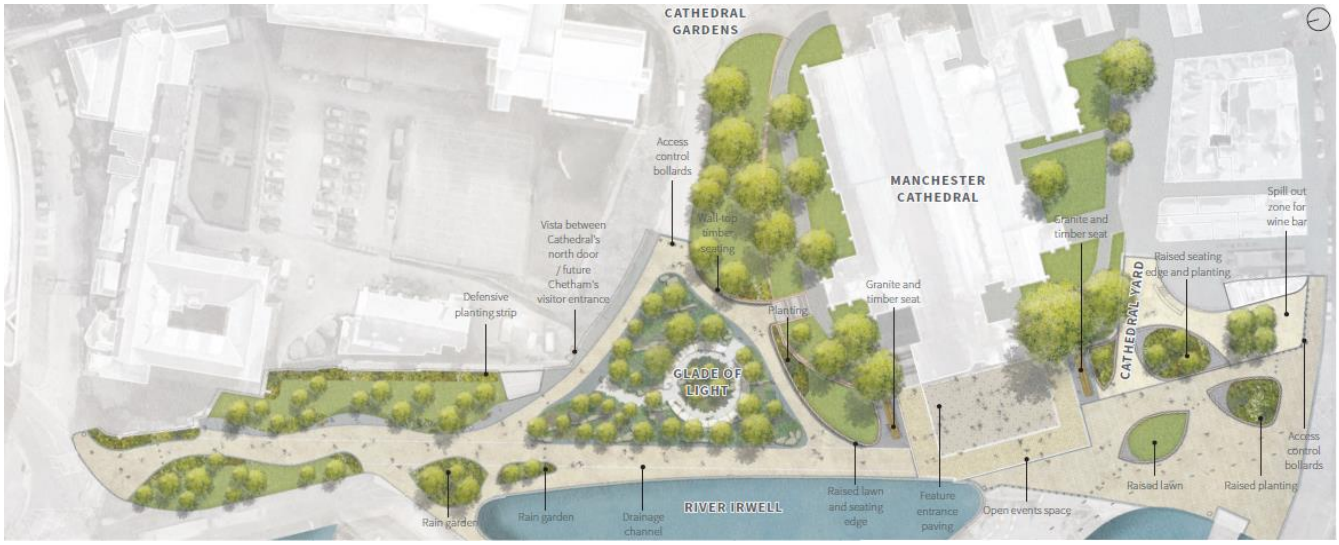
Section 1

1 Description of the scheme

1.1 Location of the scheme

The scheme is located on Victoria Street, Manchester, M3 1SX. (See below).

The site itself runs from Hunts Bank to the North, along Victoria Street to the junction with Deansgate to the South, and includes the areas of lawn and trees, implemented as part of the Cathedral Gardens scheme to the East.



1.2 Background and context

The Medieval Quarter is a strategically important gateway site that sits at the boundary between Manchester and Salford, across the river from the Greengate development area and near to Victoria Station, Cathedral Gardens, Exchange Square and NOMA. It also occupies a key location at the end of Deansgate where it interfaces with the development planned for the Renaissance Hotel site.

It is one of the most historically significant areas of Manchester, and boasts impressive archaeological and architectural heritage. The area contains the surviving section of Hanging Bridge and First Ditch which were exposed during the demolition of the Palatine Building, both thought to be tributaries running between the River Irk and the River Irwell that pre-date the surrounding buildings. As Manchester grew, houses and other buildings were built in close proximity to the Cathedral, including over the two tributaries.

Although a church is believed to have been present on the site from as early as the 7th Century, the current Cathedral is thought to have been constructed circa 1215 AD. Chetham's School of Music is constructed on the site of Manchester Castle, which has been referred to as early as 1184. The library at Chetham's is the oldest in the English-speaking world, and the building was constructed in 1421.

In more recent years the area has been regenerated following the 1996 IRA bomb. Shambles East was demolished, New Cathedral Street and No. 1 Deansgate were constructed bringing shops and apartments to the area, and the surface car park behind the Corn Exchange was also redesigned to become Cathedral Gardens. Cathedral Gardens is now a very popular and well-used site providing a thoroughfare between the Cathedral, the Triangle and Victoria station.

Within the site itself Victoria Street was previously closed to traffic and a temporary landscaping scheme was implemented that included planters and children's play equipment. This temporary scheme is now run-down and ready to be replaced by a more permanent designed solution.

1.3 Scope of the works

The scheme involves improvements to the public realm alongside the River Irwell in central Manchester, and the creation of the Glade of Light, a permanent memorial in response to the Manchester Arena Attack of 2017.

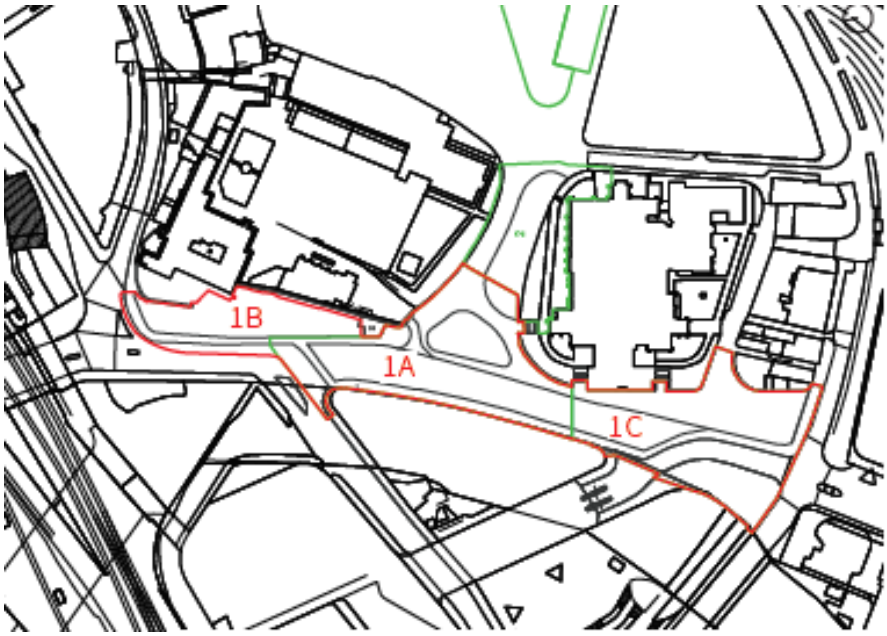
The scheme seeks to redevelop Victoria Street into a linear park that provides opportunities for a range of public uses, in addition to creating a green link to the North of Deansgate, and improving the setting of Manchester Cathedral and Chetham's School of Music.

The spine route will create a clear park vista from Deansgate, with the Glade of Light acting as a place of quiet reflection and remembrance away from the busy city centre. The route culminates in the new Cathedral Square which aims to declutter the area and create space for the Cathedral to breathe and be appreciated. In addition, this space will create a destination for public events and ceremonies.

The spine route will be lined with an avenue of park trees and lighting columns to link the spaces of the First Ditch Gardens and the Glade of Light. The route will be paved with high-quality Yorkstone, with granite sett edge trims to reflect the many historical materials found in the surrounding area, benches with a 'park-like' quality will also be provided to encourage users to sit and take in the view.

1.4 Phasing of the works

The scheme will be delivered in three phases, with Phase 1A commencing first. (See below graphic).



- Phase 1A – This phase stretches between Chetham's School of Music to the North and Manchester Cathedral to the South;
- Phase 1B – This phase is at the northernmost extent of the site and includes the footway to Victoria Street, and the area of land vacated when the Palatine Building was demolished to the West of Chetham's School of Music; and
- Phase 1C – This phase includes the area immediately in front of Manchester Cathedral, up to the parapet of the River Irwell and the easternmost extent of Cathedral Approach.

1.5 Timing of the works

Contract Award Date	18/01/2021
Start Date	01/02/2021
Completion	29/10/2021

(a) A construction programme for the scheme will be maintained by the project team, this will be reviewed and updated regularly throughout the construction stage.

(b) The normal hours of work will be as follows:

- Monday to Friday: 7:30am to 6:00pm
- Saturday: 8:30am to 2:00pm

No construction work will be carried out on this site outside of the hours of 7:30am to 6:00pm Monday to Friday, and 8:30am to 2:00pm on Saturday. No work will be carried out on Sundays or Bank Holidays. If work outside of these agreed hours is required for a specific task, it will first be agreed in writing with the Local Planning Authority at least four weeks in advance of works commencing, before being communicated to any stakeholders affected.

(c) The site will be continually monitored by the project team and in addition advice, support and monitoring will be provided by an independent HS&S Advisor.

A Health, Safety and Sustainability Advisor will be appointed for the scheme commences, and details listed below:

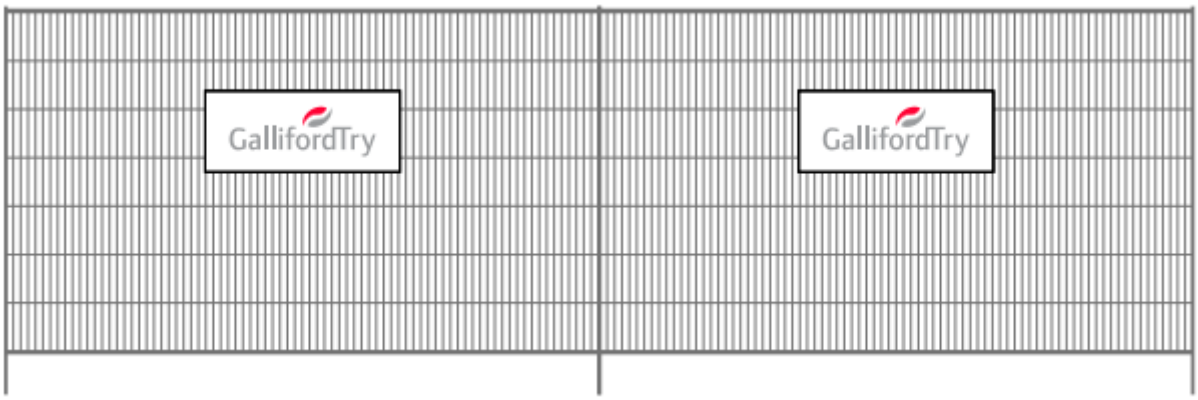
- Name: Lee Bulman
- Telephone No: 07736 091 588
- Frequency of Visits: Once per month

1.6 Security of the works

(a) The site office will be located in the lower ground floor of the Manchester Cathedral visitor centre. The office isn't accessible to the public, and is covered by the visitor centre CCTV network.

(b) Site welfare cabins will be provided for the workforce, consisting of a canteen, toilets and washing facilities, and a drying room.

(c) Heras fencing will be used to secure the site perimeter. This has been chosen in consultation with Manchester City Council's project team as the most suitable means of securing the site. This will allow the works to be completed in sections, with the site perimeter being amended as necessary to ensure that North/South pedestrian and cyclist connectivity through the site from Victoria Station to Deansgate is maintained. Detailed site logistics plans have been provided in Appendix 9, an example of the Heras fencing to be used is shown below.



1.7 Client brief pre-construction information

(a) The detailed information received from Manchester City Council, as well as any pre-construction surveys and design risk assessments we have carried out are saved on Viewpoint. All relevant information will be communicated to sub-contractors during pre-start meetings.

(b) Manchester City Council have provided the following information:

- Medieval Quarter Masterplan;
- Known land ownership information;
- Known highways information;
- Known utilities information;
- Known buried drainage information;
- Known historic crypts and ditches information; and
- Historic pictures and images.

The following pre-construction surveys have been undertaken:

- Topographical survey;
- Ground Penetrating Radar (GPR) Survey; and
- Buried drainage CCTV survey.

(c) A scheme specific risk assessment that covers how all hazards and risks will be managed and mitigated by the project team will be produced prior to works commencing. The detailed, specific control measures and safe systems of work will be covered in the work-related risk assessments and method statements provided by those undertaking the works.

(d) Section 3 of this Construction Management Plan identifies the specific significant hazards and risks in accordance with Schedule 3 of the CDM Regulations 2015.

Section 2

2 Management of the work

2.1 Management structure and responsibilities

(a) The general health and safety responsibilities are as laid out in the Company's Health and Safety Policy, and all persons shall be made aware of their site-specific health and safety responsibilities during the site induction. The scheme specific health and safety roles are detailed on form HS&S-FRM-C01-03 which is provided in Appendix 2.

(b) The Project Manager for the scheme holds the CITB Site Managers Safety Training Scheme accreditation, as well as the relevant CSCS card. They will also be formally appointed by a Director who has checked that they have the relevant level of knowledge and competency as identified on the Company's competency matrix (HS&S-BPG-T03-101). Copies of letters of appointment and individual's certificates of training etc. are located on Viewpoint and are available on request.

(c) The Temporary Works Co-ordinator for the scheme holds the CITB Temporary Works Co-ordinator accreditation. They will also be formally appointed by a Director who has checked that they have the relevant level of knowledge and competency as identified on the Company's competency matrix (HS&S-BPG-T03-101). Copies of letters of appointment and individual's certificates of training etc. are located on Viewpoint and are available on request.

(d) An organisation chart for the scheme is provided in Appendix 8.

2.2 Selection of designers and sub-contractors

(a) All designers and sub-contractors appointed to work on the scheme will be evaluated using a system based on PAS 91 to ensure those selected have relevant competency and experience of the type of works being undertaken.

(b) Scheme specific information will be provided to all designers and sub-contractors, project specific risk assessments and method statements will be requested and then reviewed by the project team prior to works commencing.

(c) Pre-start meetings will be held with all sub-contractors prior to works commencing.

(d) A schedule of all sub-contractors to be used on this scheme is provided in Appendix 4.

(e) Sub-contractors will provide supervision and trained first aiders specific to the type of works being undertaken.

(f) Whilst working on this scheme, sub-contract works will be monitored at all times by the project team. Sub-contractors will be inducted into the Galliford Try 'Challenging Beliefs, Affecting Behaviour' safety culture programme which empowers operatives to challenge unsafe acts and to contribute to the health and safety performance of the scheme.

2.3 Health and safety aims for this scheme

The Medieval Quarter and Glade of Light scheme will be managed in accordance with the requirements laid out in the CDM Regulations 2015, and in a way that supports our vision which is 'to ensure everyone returns home in the same condition they arrived'. Additional aims for the scheme are as follows:

(a) To have zero reportable accidents or reportable dangerous occurrences;

(b) To ensure no members of the public or others are affected by our undertakings; and

(c) Zero enforcement action by enforcing authorities.

2.4 Site rules

(a) During induction, all persons will be asked to comply with legal requirements relating to the wearing of personal protection equipment, as well as our smoking policy, drugs and alcohol policy and any site-specific rules.

(b) The site-specific rules for this scheme are provided in Appendix 5.

2.5 Arrangements to ensure co-operation between the project team

(a) Exchanging Design Information between the Client, Principal Designer and Designers.

A design team meeting has been held every Friday during the pre-construction period where design decisions are made and communicated.

The following organisations have representatives attending the weekly meeting:

- Manchester City Council;
- Galliford Try;
- Planit-IE;
- BCA Landscape; and
- Civic Engineers.

2.6 Arrangements for involving the workforce

(a) The scheme will have a health and safety notice board located in the site welfare, which will be kept up to date with relevant information for the workforce to refer to as necessary.

During construction, we will communicate with the workforce through the following methods:

- Site Inductions;
- Risk assessment and method statement briefings;
- First 10 minute briefings;
- Toolbox Talks;
- No accident behaviour (NAB) committees;
- Near miss reporting (NEMO cards); and
- Safe behaviour discussion (SBD's).

2.7 Site inductions

(a) There will be two levels of site inductions provided on this scheme. One for members of the workforce who will be working on the scheme, and a less detailed one for visitors who will be accompanied whilst on site.

(b) A GDPR compliant record of the induction will be retained on site using HS&S-FRM-T03-02 or HS&S-FRM-T03-05 (visitors).

(c) The induction will explain the scheme, the hazards and risks of the site in general, site rules and explain the provisions made for health, safety and welfare.

(d) We are also committed to using a fully qualified workforce (CSCS); this is in addition to ensuring the competency levels for the workforce are in line with the Competency Training Matrix provided in the Company HS&S Standards. Therefore, during the induction process, evidence of competency will be requested from each person, copied and kept on record.

(e) Checks will also be made to ensure the workforce has the relevant PPE for the works they are to carry out, including face fit testing requirements where RPE is required.

(f) We may need to be aware of general details relating to medical problems and next of kin details in the event of illness or an accident. Any details will be held confidentially.

(g) If the workforce includes non-English speaking persons, arrangements will be made for inductions and site instructions to be communicated appropriately. i.e. an English-speaking supervisor who is able to translate will be employed, or site rules will be translated into native languages and printed out.

2.8 Welfare facilities and first aid

(a) Suitable and sufficient welfare facilities will be provided from day one of the works commencing.

(b) The welfare facilities for this scheme will be as follows, the layout is shown in the site logistics plans in Appendix 9.

- Maximum number of persons on site at any one time: 20
- No. and type of toilets: 4 (3 male and 1 female)
- No. of Mess Rooms: 1
- No. of Drying Rooms 1

(c) The Project Manager will be the appointed first aider for the scheme. The contact details and location of first aid equipment is listed on the Emergency Notice for the scheme which will be displayed on health and safety notice boards. The appointed persons will also be identified to the workforce during induction, and first aiders will be identifiable by green cross stickers on their helmets.

(d) The first aid requirements for this scheme will be specifically risk assessed for the type of work and number of persons on site at any one time, the following will be provided during the construction stage:

- No. of first aid boxes & size: 1 Large first aid box
- Location of first aid boxes: In the site office

(e) The first aid boxes and equipment will be re-filled after each use, visibly checked each week during the weekly inspections, and monthly checks carried out and recorded by the person identified on the site responsibility checklist. (HS&S-FRM-F02-01).

2.9 Fire and emergency procedures

(a) Members of the project team have been nominated to take responsibility in the event of fire, accident, or any other emergency. These roles are identified on the Emergency Notice for the scheme which will be displayed on health and safety notice boards.

(b) A Construction Site Fire Safety Plan (HS&S-FRM-F01-02) specific for this scheme will be produced. This plan will include a fire risk assessment, and will identify the access for emergency vehicles to site, fire assembly point, persons appointed as fire wardens, firefighting equipment requirements, means of raising the alarm, the position of highly flammable material store areas etc., and details the specific risks and controls appropriate to this scheme. This plan will be reviewed at regular intervals throughout the construction stage or following any incident to ensure it remains suitable and sufficient.

(c) Task specific emergency rescue plans will be produced prior to the following works being commenced:

- Confined spaces; and
- Deep excavations.

(d) The emergency rescue plans will be held by our project team and the relevant sub-contractor's supervisors, and the site will ensure practice emergency rescues are undertaken at intervals advised in the risk assessment for the works. These plans will be reviewed with the HS&S advisor, as necessary.

2.10 Accident reporting, recording and investigation

(a) Accident reporting, recording and investigation will be in line with the requirements outlined in the Company's HS&S-STD-A01. All incidents, including environmental incidents, will be recorded as appropriate and held confidentially.

(b) All incidents will be investigated, the person undertaking the investigation and the type of investigation will depend upon the severity or potential severity. The project team will report any potential RIDDOR injuries immediately to the project's HS&S Advisor who will provide the level of support and assistance as appropriate to the incident.

(c) The requirement to report all incidents, and the method of recording will be communicated to the workforce during the site induction.

(d) Where any accident is reportable to the Health and Safety Executive the employer of the injured person will be responsible for ensuring it is reported, a copy of the F2508 will be filed (confidentially) in the site office. Where a sub-contractor does not provide evidence of reporting to the Health and Safety Executive, the project team will report it directly to the Health and Safety Executive on behalf of the sub-contractor.

(e) Investigations will be carried out, and risk assessment and method statement reviews will be undertaken considering the findings of the investigation. Where lessons can be learnt Safety Alerts, Toolbox Talks, Information Sheets or other appropriate media will be used to communicate the information across the Company.

(f) Significant near misses will be treated in the same manner as an accident with appropriate investigations undertaken.

(g) The specific method of near miss reporting for this scheme is through NEMO cards which will be provided in the site office and welfare.

(h) Incident information and records will be filed securely for the data protection of any individuals who may be named. Incident report forms and incident investigations shall not be released to any third party without formal permission from the Company's senior management team.

2.11 Traffic management

We will ensure that traffic is routed away from work areas wherever possible, with physical pedestrian and vehicle segregation in areas where this is not possible.

A project specific traffic management plan and a traffic management risk assessment will be developed for this scheme, and these documents will be updated and briefed to the workforce as required during the construction stage. This plan will include for the re-fuelling of plant on site, deliveries to site and access for emergency vehicles.

2.12 Dirt and dust suppression

The current Victoria street carriageway will allow us to maintain a high quality haul road for the early stages of the scheme. Due to the prominent nature of the site, we will encourage high standards of site tidiness and housekeeping at the site induction, and reinforce this message regularly at briefings and toolbox talks.

Dirt and dust suppression measures will include:

- Installing wheelwashing facilities at the site exit; (see Appendix 9 for site logistics plans)
- Implementing a road cleaning/sweeping regime on the public highway where required;
- Restricting plant movements to the designated haul route to prevent agitation of surface soils and generation of fugitive dust;

- Strictly enforcing maximum site speed limits of 5mph on the designated haul route;
- Covering material stockpiles and taking account of the prevailing wind, proximity to the site boundary and proximity of neighbours;
- Utilising dust suppression equipment such as misting nozzles during periods of excavation, breaking out, and heavy plant movement during dry weather to minimise windblown surface dust;
- Ensuring that construction vehicles are sheeted when arriving at or leaving the site; and
- Regularly inspecting the site and the site boundaries for dust deposits and removing them where required.

2.13 Noise and vibration suppression

Due to nature of the adjacent buildings and structures, we will endeavour to keep noise and vibration disruption to a minimum at all times.

We will liaise with Manchester Cathedral and Chetham's School of Music prior to construction works commencing to ensure that we are aware of sensitive times of day for each organisation, such as services at the Cathedral, and lessons at the School. We will then ensure that works are planned to keep disruption to a minimum during these times.

No construction work will be carried out on this site outside of the hours of 7:30am to 6:00pm Monday to Friday, and 8:30am to 2:00pm on Saturday. No work will be carried out on Sundays or Bank Holidays. If work outside of these agreed hours is required for a specific task, it will first be agreed in writing with the Local Planning Authority at least four weeks in advance of works commencing, before being communicated to any stakeholders affected.

Generally, we will adhere to the recommendations contained within BS 5228-2: Code of practice for Noise and Vibration Control on Construction and Open Sites, and we will adhere to the hierarchy of Eliminate, Reduce, Isolate, Control and Discipline (E.R.I.C.P.D) in relation to the management of noise and vibration pollution.

We will achieve the lowest reasonably practicable noise and vibration levels by utilising items of plant and equipment that have been specifically designed and/or modified to reduce disturbance.

We will employ suitable measures to reduce and contain any noise and vibration at source. These measures will include modern and efficient plant and equipment that is well maintained, we will ensure plant and equipment is positioned away from sensitive receptors, and utilise technological advances such as suppressed/insulated equipment.

Only sound-reduced compressors will be used, with properly lined and sealed acoustic covers fitted in accordance with the manufacturer's instructions and kept closed whenever the machines are in use. All ancillary pneumatic percussive tools will be fitted with mufflers or silencers of the type recommended by the manufacturer.

We will also select construction methods with the lowest noise and vibration outputs, for example, the carriageway construction of Victoria Street will be planed out as opposed to traditional pneumatic breaking out and excavating.

2.14 Waste management

We aim to minimise, reuse or recycle as much waste as possible that is generated by our operations, by considering waste during the design stage, ensuring efficient trade interfaces and the use of standardised and pre-fabricated products where possible.

We will prepare a Site Waste Management Plan prior to commencing works on site, setting targets for our waste management during the construction stage.

Our waste control measures will include:

- An area in the compound for the segregation and collection of waste; (see Appendix 9 for site logistics plans)
- Selecting licenced waste management and recycling contractors;
- Waste minimisation measures such as de-gassers and bailers;
- Monitoring site tidiness, housekeeping and material storage to prevent damage;
- Arranging just in time delivery of materials; and
- Providing reports on the waste removed from site, categorised by sub-contractor and material type.

2.15 Site compound

Due to the city centre nature of the site, space is at a premium. For Phase 1A we will establish a small site compound at the southernmost end of the site on the existing Victoria Street, on the area that will eventually become Phase 1C.

As well as material storage and waste management areas, welfare facilities will be provided here for the workforce.

We will manage the site and arrange for materials to be delivered on a just in time basis, reducing the amount of storage space required.

Deliveries will access the site from the end of Deansgate, immediately entering the site compound where they will be received, checked, briefed and directed to the point of delivery. The layout of the site naturally creates a one-way system, and once deliveries have been made vehicles will exit the site at the Victoria Street / Chapel Street junction.

A proposed layout of the site compound is provided in Appendix 9.

2.16 Dilapidation survey

Due to nature of the adjacent buildings and structures, a detailed dilapidation survey was undertaken on Tuesday 24th November 2020, prior the site being established and any works commencing. This is provided in Appendix 10.

Particular buildings and structures to note include Manchester Cathedral, Chetham's School of Music, the River Irwell retaining wall, Cathedral Approach bridge and Chapel Street bridge.

2.17 Community liaison and communications

The Project Manager for the scheme will work closely with local stakeholders to keep them informed of ongoing activities and provide advanced notice of any potentially disruptive works.

The most important stakeholders are Manchester Cathedral and Chetham's School of Music. We will liaise with both of these organisations prior to construction works commencing to ensure that we are aware of sensitive times of day where we will need to keep disruption to a minimum. Such as services at the Cathedral, and lessons at the School.

We will use a variety of media channels to provide project information to those affected by the scheme, including display boards, CCS notices, newsletters, letter drops, and if possible a project website.

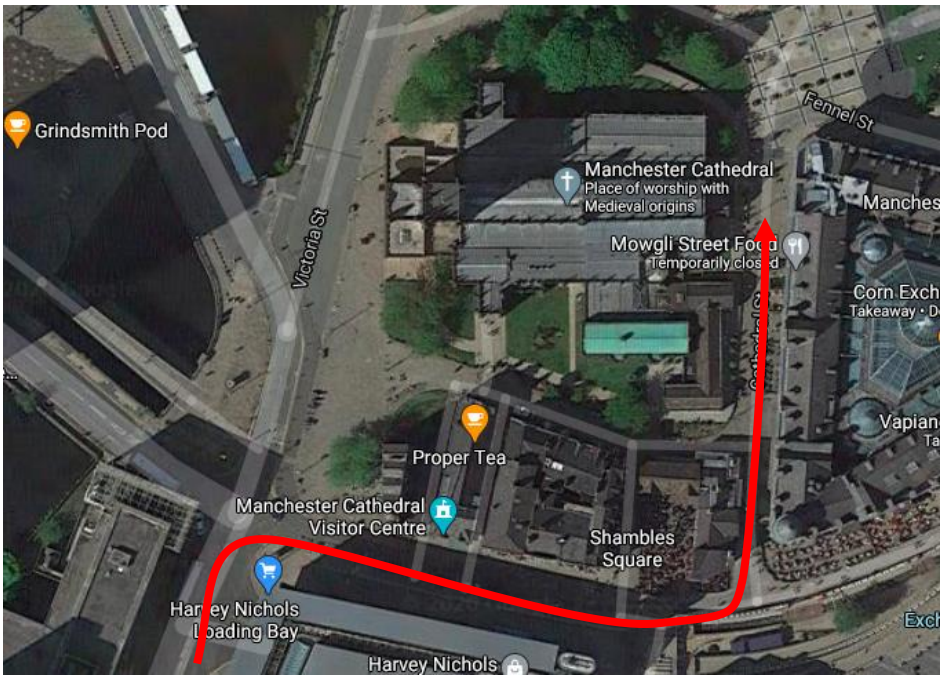
Contact details for the project team will be displayed so that issues can be raised out of hours if necessary.

Our Project Manager will also maintain a register for any complaints, enquiries and compliments throughout the duration of scheme. We will monitor trends so that we can address any reoccurring issues. Should we receive a significant complaint that cannot be dealt with at the time, we will stop the particular activity causing the issue, undertake an investigation and agree appropriate mitigation measures with MCC and the affected stakeholder before modifying our working practices.

2.18 Temporary service access strategy

During the pre-construction stage we have liaised with Manchester Cathedral and Chetham's School of Music to agree temporary service access during the construction stage.

Access to Manchester Cathedral will remain via Cateaton Street and Cathedral Street, as shown below.



Access to Chetham's School of Music will be via Long Millgate in line with ongoing discussions between the School and Manchester City Council, as shown below.



Section 3

3 Arrangements for controlling significant site risks

All works carried out will be in accordance with relevant health and safety legislation, primarily the requirements set out in the CDM Regulations, giving particularly regard to providing safe places of work, safe plant and equipment, the provision of competent persons, provision of information, instruction and training. In addition, the Management of Health and Safety at Work Regulations require risk assessments to be carried out in order that significant risks are identified, and suitable and sufficient control measures are utilised.

Schedule 3 of CDM Regulations 2015

Work which puts workers at risk of burial under earth falls, engulfment in swampland or falling from a height, where the risk is particularly aggravated by the nature of the work or processes used or by the environment at the place of work or site;

Work which puts workers at risk from chemical or biological substances constituting a particular danger to the safety or health of workers or involving a legal requirement for health monitoring;

Work with ionizing radiation requiring the designation of controlled or supervised areas under regulation 16 of the Ionising Radiations Regulations 1999;

Work near high voltage power lines;

Work exposing workers to the risk of drowning;

Work on wells, underground earthworks and tunnels;

Work carried out by divers having a system of air supply;

Work carried out by workers in caissons with a compressed air atmosphere;

Work involving the use of explosives;

Work involving the assembly or dismantling of heavy prefabricated components.

The general control measures and forms to be utilised for controlling significant risks are those identified in the Company's HS&S Management Systems. The specific work risk assessments to reduce the likelihood of incidents occurring will be provided by the competent sub-contractors employed. They will provide risk assessments and method statements specific to the environment and type of work to be carried out. These will be reviewed by our project team to ensure suitable and sufficient control measures are included in the work risk assessment, and that the risk assessments and safe systems of work are briefed to all those who will be involved in the works.

In addition to risk assessments and method statements, permits to work will be issued for the following activities which will be carried out on this scheme:

- Excavations and breaking ground activity;
- Working in confined spaces;
- Loading or dismantling temporary works;
- Electrical works; and
- Hot works.

Those authorised to issue permits are identified on site responsibilities matrix provided in Appendix 2.

3.1 Significant hazards and risk information

The below significant hazards have been identified as relevant to this scheme, and the risk assessments and forms listed must be completed prior to works commencing to ensure these risks are managed and mitigated.

3.2 Services and overhead and underground services

HS&S-STD-U01.

3.3 Control of lifting operations

HS&S-STD-L02.

3.4 Maintenance of plant and equipment

HS&S-STD- P01.

3.5 Excavations / poor ground condition management / wells /underground earthworks / tunnels

HS&S-STD-E02.

3.6 Work on or near to water / diving operations / caissons and other risks of drowning

HS&S-STD-W04 **/** HS&S-STD-D02 / HS&S-STD-H04.

3.7 Storage and management of materials

HS&S-STD-H01 **/** H02.

3.8 Health risks including:

- Manual handling – HS&S-STD-M01;
- COSHH / handling of hazardous materials – HS&S-STD-H02; and
- Noise and vibration – HS&S-STD-N01 / V01.

Appendix 1 – HS&S standards applicable to this scheme

Tick all Standards which will be applicable to this scheme

HS&S STANDARD	Ref	Tick Standard If it Applies	HS&S STANDARD	Ref	Tick Standard If it Applies
Accident & Incident Investigation	A01	✓	Training	T03	✓
Asbestos Management	A02	✗	Underground and Overhead Services	U01	✓
Construction Design & Management	C01	✓	Vibration	V01	✓
Confined Space Management	C02	✓	Waste Management	W01	✓
Communication and Consultation	C03	✓	Welfare	W02	✓
Cultural Heritage Management	C04	✓	Work at Height	W03	✗
Demolition Management	D01	✗	Working Over or Adjacent to Water	W04	✓
Diving Management	D02	✗	Water Management	W05	✗
Drugs and Alcohol	D03	✓	Young Persons	Y01	✗
Electrical Safety	E01	✓			
Excavations	E02	✓	**Other:**		
Ecological Management	E03	✗	Rail Safety Case		✗
Environmental Emergency	E04	✓			
Project Environmental Design	E05	✓			
Fire Prevention	F01	✓			
First Aid	F02	✓			
Housekeeping	H01	✓			
Hazardous Materials	H02	✓			
Health & Safety Risk Management	H03	✓			
Health & Safety Emergency	H04	✓			

Lone Working	L01	✓			
Lifting Operations	L02	✓			
Land Use Management	L03	✗			
Manual Handling	M01	✓			
Monitoring Performance	M02	✓			
Mobile Devices	M03	✓			
Noise	N01	✓			
Nuisance Management	N02	✓			
Occupational Health	O01	✓			
Plant Tools & Equipment	P01	✓			
PPE	P02	✓			
Environmental Management	P04	✓			
Radio Freq. Non Ionising Radiation	R01	✗			
Resource Management	R02	✓			
Security	S01	✓			
Temporary Works	T01	✓			
Traffic Management	T02	✓			

Appendix 2 – Site specific responsibilities (Form C01-03)

APPOINTMENT OF SITE RESPONSIBILITIES																			
Use drop down lists to identify: Person Responsible = R Deputy = Dep	**Construction Phase Plan**	**Construction Environmental Management Plan**	**Environemntal Risk Assessment**	**Temporary Works Schedule**	**Service Drawings / Disconnections**	**Site Waste Management Plan**	**Emergency Response Plans**	**Construction Fire Plan**	**Traffic Risk Assessment & Traffic Management Plan**	**GT RAMS Required**	**Site specific Risk Assessment**	**Review of Contractor RAMS**	**Collate Health and Safety File Infomration**	**Fire Equipment & Maintenance**	**Temporary Electrical Connections**	**Environmentatl Site Set Up Form P04-04**	**Environmental Constraints Map / Site Drainage plan**	**Spill Response Plan**	**SIGNATURE TO ACCEPT ROLE(s) ASSIGNED**
Project Manager - Adam Liu	**R**	**R**	**R**	**R**	**N/A**	**N/A**	**R**	**R**	**R**	**R**	**R**	**R**	**N/A**	**R**	**N/A**	**R**	**R**	**R**	
Sub Agent - Rob Stokey	**Dep**	**Dep**	**Dep**	**N/A**	**R**	**R**	**Dep**	**Dep**	**Dep**	**Dep**	**Dep**	**Dep**	**R**	**Dep**	**N/A**	**Dep**	**Dep**	**Dep**	
Use drop down lists to identify: Person Responsible = R Deputy = Dep	**TWC**	**TWS if necessary to appoint**	**Fire Marshall**	**Complete Monthly safety data reports**	**First Aider**	**Appointed Person for First Aid**	**Appointed Person for Lifting Ops**	**Lifting Supervisor**	**Utility Service Co-ordinator**	**Permit Issue (identify which by name)**	**Senior Authorised Person (Electrical)**	**Traffic Marshall**	**Safety Coach**	**Inductions**	**PICOW Senior Site Manager Responsible for HS&S**	**Fire Co-ordinator**	**First 10 Minutes**	**Toolbox Talks**	**SIGNATURE TO ACCEPT ROLE(s) ASSIGNED**
Project Manager - Adam Liu	**R**	**N/A**	**R**	**R**	**R**	**R**	**N/A**	**N/A**	**N/A**	**R**	**N/A**	**N/A**	**R**	**R**	**R**	**Dep**	**Dep**	**Dep**	
Sub Agent - Rob Stokey	**N/A**	**R**	**Dep**	**Dep**	**Dep**	**Dep**	**R**	**R**	**R**	**R**	**N/A**	**N/A**	**N/A**	**Dep**	**Dep**	**R**	**R**	**R**	
Use drop down lists to identify: Person Responsible = R Deputy = Dep	**Calibration of Equipment**	**COSHH Register and COSHH Assessments**	**Noise Register**	**Complete Monthly safety data reports**	**Vibration Register**	**Lifting Operations**	**Plant checks & authorisation**	**Weekly Inspections**	**Excavation Inspections**	**Scaffold Inspections**	**Confined Space Inspections**	**PUWER Inspections**	**LOLOER Inspections**	**Weekly Fire Inspections**	**Near Miss Response**	**Minor Accident Investigations**	**Record Accidents / Incidents**	**Database entries-minor accidents**	**SIGNATURE TO ACCEPT ROLE(s) ASSIGNED**
Project Manager - Adam Liu	**N/A**	**N/A**	**N/A**	**R**	**N/A**	**N/A**	**N/A**	**R**	**Dep**	N/A	**R**	**Dep**	**Dep**	**Dep**	**R**	**R**	**R**	**R**	
Sub Agent - Rob Stokey	**R**	**R**	**R**	**Dep**	**R**	**R**	**R**	**Dep**	**R**	N/A	**Dep**	**R**	**R**	**R**	**Dep**	**Dep**	**Dep**	**Dep**	

Appendix 3 – Designers and consultants

Company	Works	Contact	Email	Telephone
Planit-IE	Designer Medieval Quarter design	Frank Fitzpatrick	ff@planit-ie.com	07535 032 984
BCA Landscapes	Designer Glade of Light design	Andy Thomson	andy@bcalandscape.co.uk	07825 327 276
Civic Engineers	Designer Civil and structural engineering	Paul Morris	paul@civicengineers.com	07793 868 265
Amey Consulting	Designer Street lighting design	Daniel Walker	daniel.walker@amey.co.uk	07722 521 991
ATG Access	Designer Hostile vehicle mitigation bollard design	Paul Mutter	paul.mutter@atgaccess.com	07889 534 223
Deloitte	Cultural Heritage Consultants	Katie Wray	kawray@deloitte.co.uk	07833 481 570
Salford Archaeology	Archaeological Consultants	Graham Mottershead	g.d.mottershead@salford.ac.uk	07973 341 297

Appendix 4 – Sub-contractors

Sub-contractors for the following packages to be appointed prior to works commencing on site.

Contractor	Works	Start date	Pre-start meeting	RAMS checked
TBC	General civils Site clearance, earthworks, drainage, ducting, FRC, street furniture	TBC	TBC	-
TBC	Hard landscaping Paving	TBC	TBC	-
TBC	Soft landscaping Tree and shrub planting, turfing	TBC	TBC	-
Hardscape	Glade of Light Halo and boulder installation	TBC	TBC	-
Amey	Street lighting Lighting column and lantern installation, testing and commissioning	TBC	TBC	-
ATG Access	Bollards Bollard installation, testing and commissioning	TBC	TBC	-

Appendix 5 – Site specific rules

- Adhere to the site signing in and out procedure;
- No parking of personal vehicles is permitted on site;
- Use the pedestrian walkways provided for your safety;
- If operating plant, drive at the site specified speed limits;
- Those operating plant must not leave plant running and unattended or leave keys in the ignition when not in use;
- Wear relevant PPE as identified in risk assessments at all times;
- If an incident or accident occurs you must report it immediately to the project team;
- Report any unsafe acts or conditions to the project team immediately;
- Smoking / including the use of E-cigarettes is only permitted in designated areas;
- Galliford Try carry out random drug and alcohol testing, you may be requested to provide a sample, refusing will be deemed as a 'positive' test;
- Members of the workforce involved in significant incidents or accidents may be requested to take a drugs and alcohol test, refusing will be deemed as a 'positive' test;
- Members of the workforce taking prescribed medication which may affect them must notify the project team;
- No use of mobile phones in general work areas or whilst walking on site, use in designated / safe areas only; those using plant or machinery must not answer or make calls whilst the machine is being operated or ignition is turned on;
- Where toolbox talks / first 10 minute briefings are held your attendance is mandatory;
- Follow the controls outlined in your risk assessments and method statements, if changes occur contact your supervisor do not continue until any risks have been reviewed;
- Do not operate any equipment you do not own or are not authorised or trained to use;
- Materials and waste must be stored so as not to affect the safety of other persons;
- If you make a mess, you must clean it up immediately;
- Waste materials must be put into the correct skips and not be left to build-up in work areas;
- Any spillage of materials likely to contaminate or pollute must be reported to your Supervisor immediately;
- Do not adapt or move any equipment without prior authorisation; and
- No horseplay or antics likely to cause harm to self or others.

Appendix 6 – Emergency notice

EMERGENCY NOTICE
HS&S-FRM-H04-01

Site Name and Address to be given to emergency services:	Medieval Quarter and Glade of Light Victoria Street, Manchester, M3 1SX		
Site Emergency Contact Number:	07701 370 111	Name of Contact for Emergency Use:	Adam Liu – Project Manager
Emergency Assembly Point:	On the pavement outside the site office		
Emergency Warning System:	Audible		
Location of Fire Fighting Equipment:	Provided in offices and welfare, not required on site		

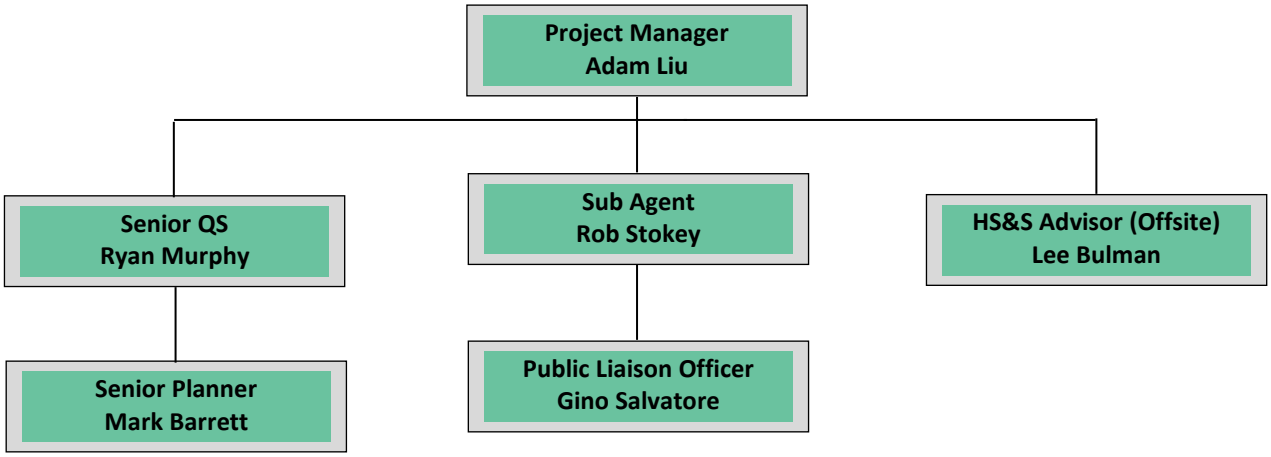
GAS – NATIONAL NUMBER Tel No: 0800 111 999	**ENVIRONMENT AGENCY** Tel No: 0800 80 70 60
ELECTRICITY NORTH WEST LIMITED Tel No: 0800 195 4141	**BRITISH TELECOM** Tel No: 0800 023 2023
UNITIED UTILITIES WATER Tel No: 0345 672 3723	**H & S EXECUTIVE INCIDENT CENTRE** Tel No: 0845 300 99 23 – Fatal and Major only
OFFICE OF RAIL REGULATORS Tel No: 020 72 82 39 10 Out of Hours: 020 79 44 54 45	**EMERGENCY SERVICES** Tel No: 999

Location of First Aid Box:	In the site office
Name(s) of First Aider:	Adam Liu
Hospital Address and Telephone Number:	Manchester Royal Infirmary, Oxford Road, Manchester, M13 9WL 0161 276 1234
Name of Nominated Responsible Person in an Emergency:	Adam Liu
BU Senior Manager:	Duncan Elliott (Managing Director) Elizabeth Bell (Operations Director) David Procter (Regional Manager)
HS&S Manager	Mark Bridges
Environment Manager	Tim Wilkes

Appendix 7 – F10

To be provided by Manchester City Council prior to works commencing on site.

Appendix 8 – Organisation chart



Appendix 9 – Site logistics plans

Site Logistics Plans

Phase 1 – Main Works



Deliveries out

(one way system)

Wheelwashing facilities

3m wide route to be provided on existing footway along river wall during Phase 1. This will maintain pedestrian and cyclist connectivity between Victoria Station and Deansgate

Signage to be placed to advise of pedestrian and cyclist diversion to Victoria Station and Deansgate

Signage to be placed to advise of connectivity between Victoria Station and Deansgate

Deliveries in

(one way system)

Key

Site boundary:

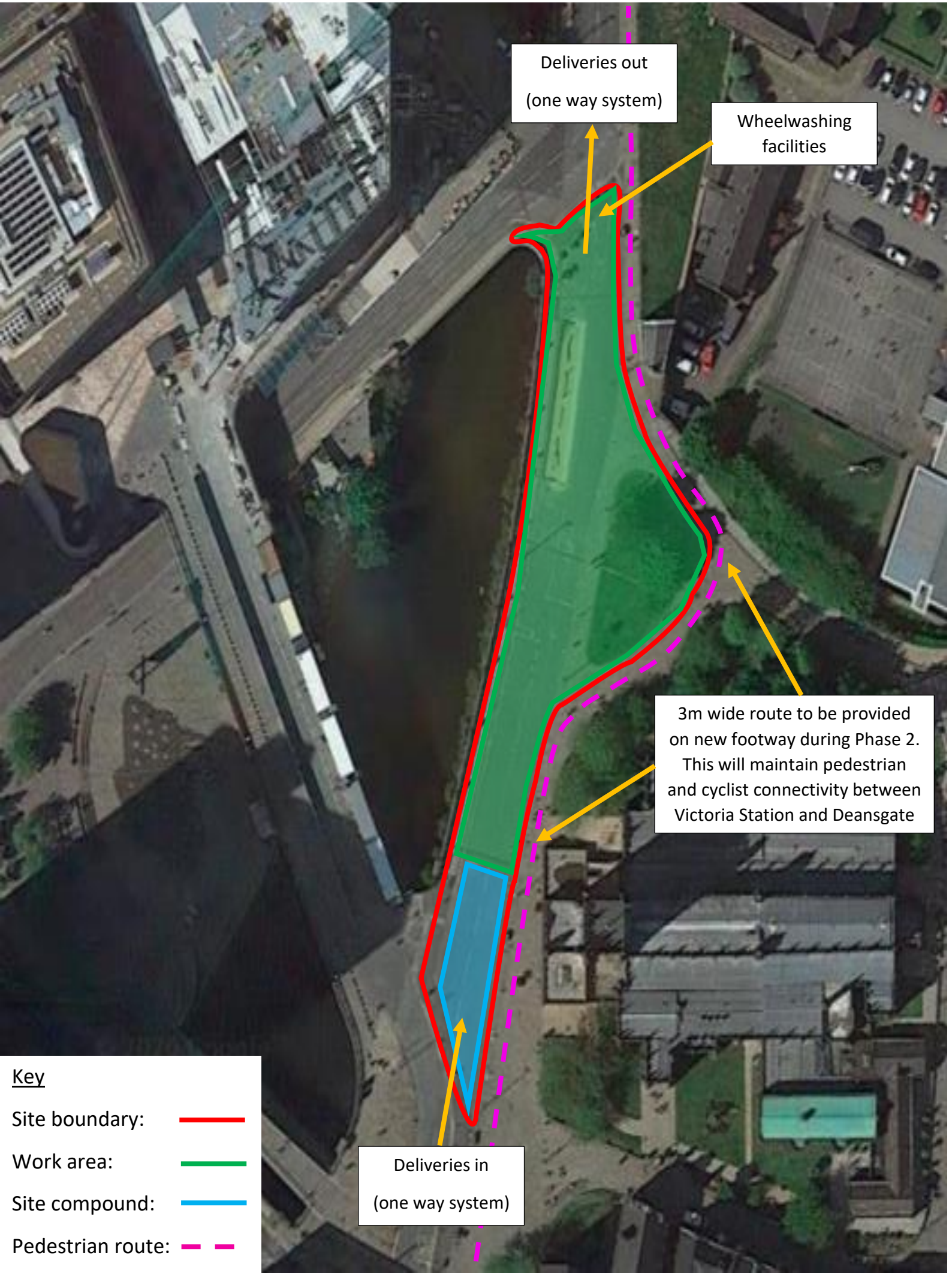
Work area:

Site compound:

Pedestrian route:

Site Logistics Plans

Phase 2 – Completion and Tie-in Works

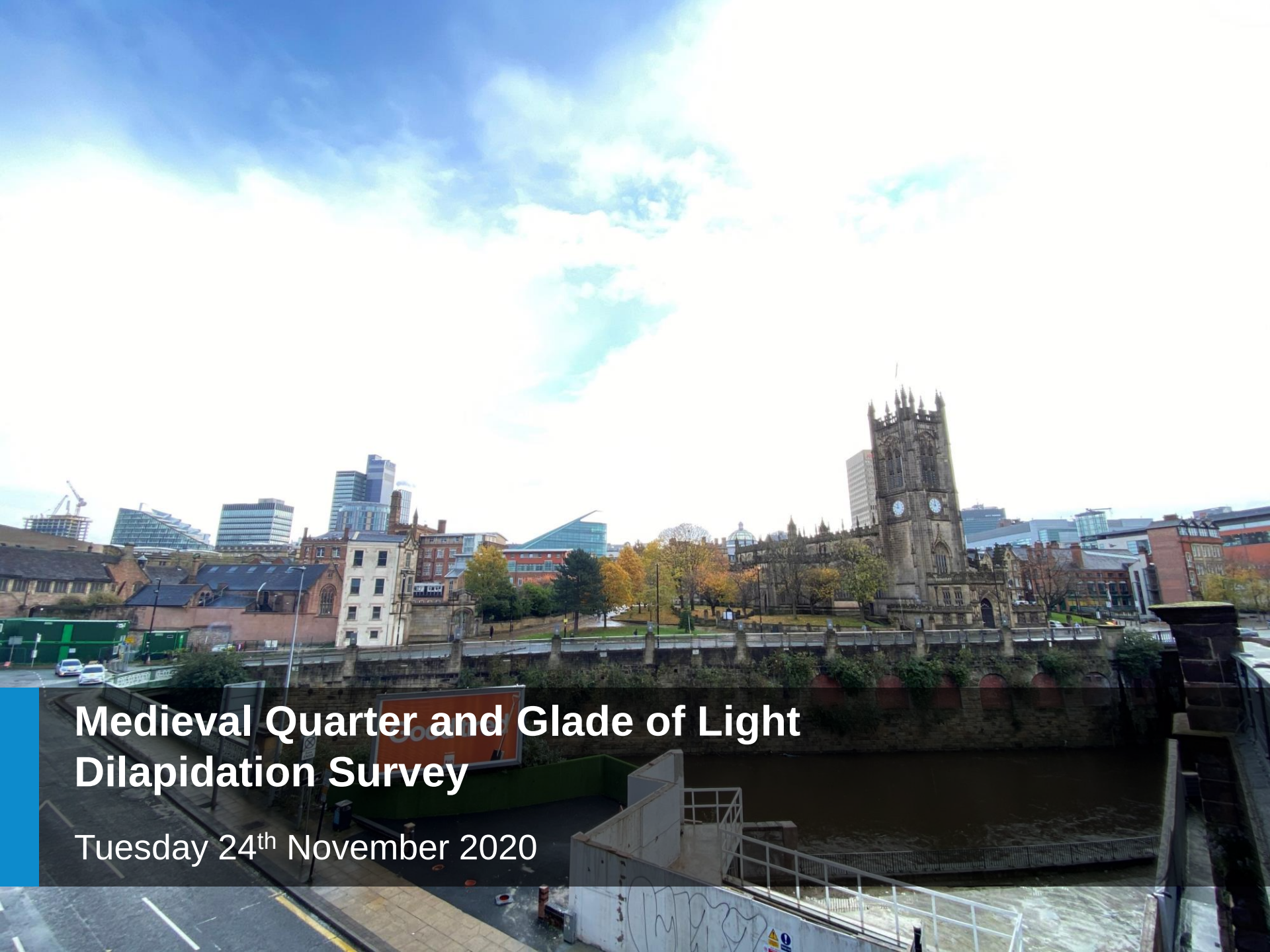


Site Logistics Plans

Site Compound Layout



Appendix 10 – Dilapidation survey 24.11.2020



Medieval Quarter and Glade of Light Dilapidation Survey

Tuesday 24th November 2020



- Cathedral Approach, looking North along Victoria Street.

GallifordTry



- Cathedral Approach, looking North along Victoria Street.

GallifordTry



- Cathedral Approach, looking North along Victoria Street.

GallifordTry



- Cathedral Approach, looking South along Deansgate.

GallifordTry





- Victoria Street existing bollards. (Damaged)

GallifordTry



- Victoria Street existing bollards. (Damaged)



- Victoria Street existing bollards.

GallifordTry



- Victoria Street existing bollards.

GallifordTry



- Cathedral Approach.

GallifordTry



- Cathedral Approach.



- Cathedral Approach, looking North along Victoria Street.

GallifordTry



- Cathedral Approach, looking North along Victoria Street.



- Cathedral Approach, looking North along Victoria Street.

GallifordTry



- Cathedral Approach, looking towards the Cathedral.

GallifordTry



- Cathedral Approach, looking towards the Cathedral Visitor Centre.

GallifordTry



- Cathedral Approach, looking North along Victoria Street.

GallifordTry



- Cathedral Approach.



- Cathedral Approach, looking North along Victoria Street.

GallifordTry



- Cathedral Approach parapet.

GallifordTry



- Victoria Street West footpath, looking North.



- Victoria Street West footpath, looking West.



- Victoria Street West footpath, looking towards Cathedral Approach.



- Victoria Street West footpath, looking towards Cathedral Approach.

GallifordTry



- Victoria Street West footpath, looking towards Cathedral Approach.



- Victoria Street, looking towards Cathedral Approach.

GallifordTry



- Cathedral Approach, looking South along Deansgate.

GallifordTry



- Victoria Street West footpath, looking towards Cathedral Approach.

GallifordTry



- Victoria Street, looking South along Deansgate.



- Victoria Street, looking South along Deansgate.



- Victoria Street, looking South along Deansgate.



- Victoria Street, looking South along Deansgate.

GallifordTry



- Victoria Street, looking South along Deansgate.

GallifordTry



- Victoria Street, looking North.



- Victoria Street, looking North.



- Victoria Street West footpath, feeder pillar.



- Victoria Parapet sign.



- Victoria Street, retaining wall.



- Victoria Street, retaining wall.



- Victoria Street, retaining wall.



- Victoria Street, retaining wall.



- Victoria Street, retaining wall.



- Victoria Street, retaining wall.

GallifordTry



- Victoria Street, retaining wall.



- Victoria Street, retaining wall.



- Victoria Street, retaining wall.

GallifordTry



- Victoria Street, retaining wall.

GallifordTry



- Victoria Street, retaining wall.



- Victoria Street, retaining wall.

GallifordTry



- Victoria Street, retaining wall and redundant pedestrian crossing.



- Victoria Street, retaining wall and redundant pedestrian crossing.



- Victoria Street, retaining wall and redundant pedestrian crossing.



- Victoria Street, retaining wall.



- Victoria Street, retaining wall.



- Victoria Street, retaining wall.



- Victoria Street, retaining wall.



- Victoria Street, retaining wall.

GallifordTry



- Victoria Street, retaining wall.

GallifordTry



- Victoria Street, retaining wall.

GallifordTry



- Victoria Street, retaining wall.



- Victoria Street, retaining wall.



- Victoria Street, retaining wall.



- Victoria Street, retaining wall.



- Victoria Street/Chapel Street parapet.



- Victoria Street/Chapel Street West footpath.



- Victoria Street/Chapel Street West footpath.



- Victoria Street/Chapel Street West footpath.



- Victoria Street/Chapel Street West footpath.



- Victoria Street/Chapel Street parapet.



- Victoria Street/Chapel Street parapet.

GallifordTry



- Victoria Street/Chapel Street parapet.



- Victoria Street/Chapel Street parapet.



- Victoria Street/Chapel Street parapet.

GallifordTry



- Victoria Street/Chapel Street parapet.

GallifordTry



- Victoria Street/Chapel Street parapet.



- Victoria Street/Chapel Street parapet.

GallifordTry



- Victoria Street/Chapel Street parapet.



- Victoria Street/Chapel Street parapet.



- Victoria Street/Chapel Street parapet.



- Victoria Street/Chapel Street West footpath.

GallifordTry



- Victoria Street/Chapel Street parapet.



- Victoria Street/Chapel Street West footpath.

GallifordTry



- Victoria Street/Chapel Street West footpath.

GallifordTry



- Victoria Street/Chapel Street West footpath.



- Victoria Street, looking South. (Existing play area)



- Victoria Street West footpath, looking North.

GallifordTry



- Victoria Street West footpath, looking South.



- Victoria Street West footpath, street lighting inspection chamber.



- Victoria Street West footpath, comms inspection chamber.



- Victoria Street West footpath, looking North.

GallifordTry



- Victoria Street West footpath, looking South.

GallifordTry



- Victoria Street West footpath, street lighting inspection chamber.



- Victoria Street West footpath, loop chamber.



- Victoria Street West footpath, looking North.



- Victoria Street West footpath, redundant pedestrian crossing.



- Victoria Street West footpath, street lighting inspection chamber.



- Victoria Street West footpath, looking South.

GallifordTry



- Victoria Street West footpath, street lighting inspection chamber.



- Victoria Street West footpath, looking North.

GallifordTry



- Victoria Street West footpath, looking South.

GallifordTry



- Victoria Street, looking North.

GallifordTry



- Victoria Street, looking North.

GallifordTry



- Victoria Street, looking North.

GallifordTry



- Victoria Street, looking North.

GallifordTry



- Victoria Street, redundant bolts in carriageway.



- Victoria Street, looking South.

GallifordTry



- Victoria Street, looking South.



- Victoria Street, looking North. (Existing play area)

GallifordTry



- Victoria Street, existing UU brick culvert manhole cover.



- Victoria Street, looking North.

GallifordTry



- Victoria Street, redundant bolts in carriageway.



- Victoria Street, redundant bolts in carriageway.



- Victoria Street, looking South.

GallifordTry



- Victoria Street, fire hydrant and water stop top in carriageway.



- Victoria Street, looking South. (Existing play area)

GallifordTry



- Victoria Street, looking South.

GallifordTry



- Victoria Street, looking North towards Chapel Street junction.

GallifordTry



- Victoria Street, looking North towards Chapel Street junction.

GallifordTry



- Victoria Street, looking West.



- Victoria Street, looking South.

GallifordTry



- Victoria Street East footpath, looking South.

GallifordTry



- Victoria Street East footpath, looking South.

GallifordTry



- Victoria Street East footpath, BT cover.



- Victoria/Chapel Street junction, manhole cover in carriageway.



- Victoria Street East footpath, manhole cover.



- Victoria/Chapel Street junction, manhole cover in carriageway.



- Victoria/Chapel Street junction, looking South.

GallifordTry



- Victoria Street East footpath, looking South.

GallifordTry



- Victoria/Chapel Street junction, looking North.



- Victoria/Chapel Street junction, looking South.

GallifordTry



- Victoria/Chapel Street junction, existing bollards.



- Victoria/Chapel Street junction, existing bollards.



- Victoria/Chapel Street junction, existing bollards.



- Victoria/Chapel Street junction, existing bollards.



- Victoria/Chapel Street junction, existing bollards.



- Victoria/Chapel Street junction, existing bollards.

GallifordTry



- Victoria/Chapel Street junction, existing bollards.



- Victoria/Chapel Street junction, looking South.



- Victoria/Chapel Street junction, looking East.

GallifordTry



- Victoria/Chapel Street junction, looking South.

GallifordTry



- Victoria/Chapel Street junction, looking East.

GallifordTry



- Victoria/Chapel Street junction, looking East.

GallifordTry



- Victoria Street East footpath, looking North.

GallifordTry



- Victoria Street East footpath, looking South.

GallifordTry

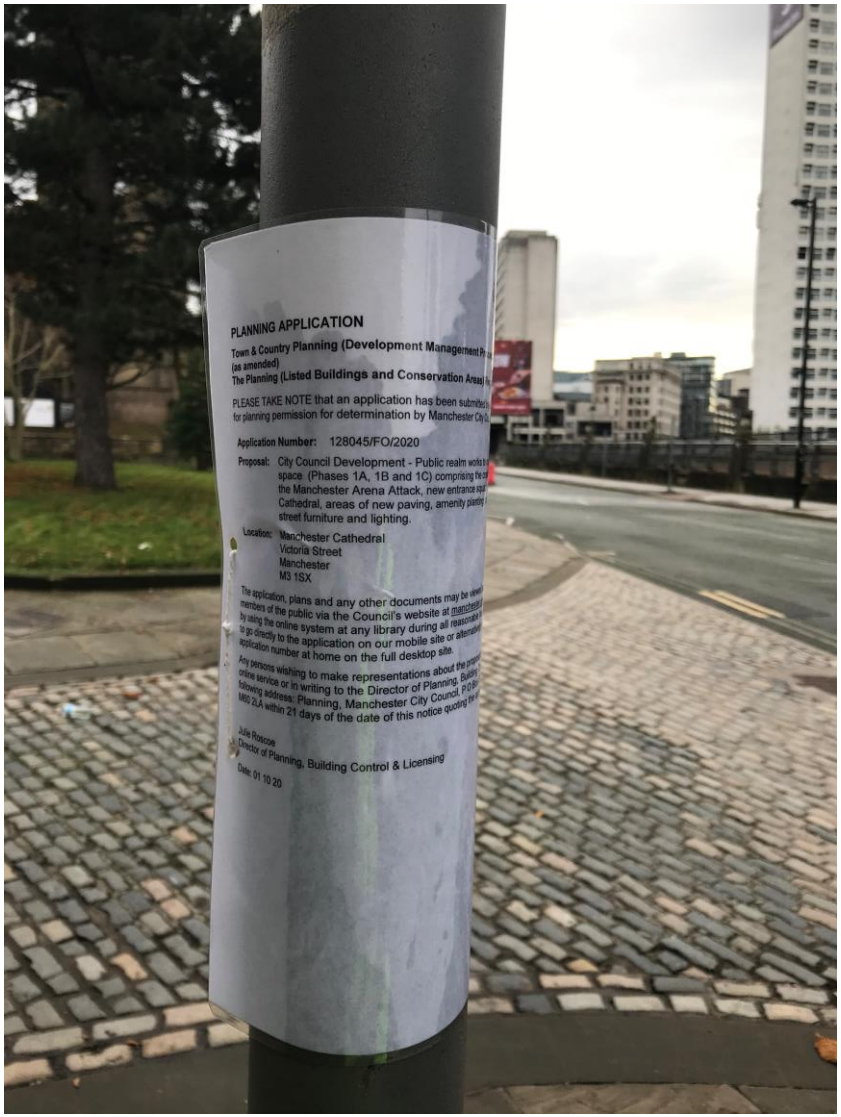


- Victoria Street East footpath, looking South.

GallifordTry



- Victoria Street East footpath, manhole cover.



- Victoria Street East footpath, Planning Application notice.



- Victoria Street, looking North.

GallifordTry



- Victoria Street, looking towards the Cathedral Visitor Centre.

GallifordTry



- Victoria Street, looking towards the Cathedral.

GallifordTry



- Victoria Street, looking towards the Cathedral.



- Victoria Street, looking towards the Cathedral Visitor Centre.

GallifordTry



- Victoria Street, looking towards the Cathedral.

GallifordTry



- Victoria Street, looking towards the Cathedral.

GallifordTry



- Victoria Street, looking towards the Cathedral.



- Victoria Street, looking towards the Cathedral.

GallifordTry



- Victoria Street, looking towards the Cathedral.

GallifordTry



- Victoria Street, looking towards the Cathedral.



- Victoria Street, looking towards the Cathedral.

GallifordTry



- Victoria Street, looking towards the Cathedral.



- Victoria Street, looking towards the Cathedral.



- Victoria Street, looking towards the Cathedral.

GallifordTry



- Victoria Street traffic signal crossing controller and feeder pillar.



- Victoria Street traffic signal crossing controller and feeder pillar.



- Victoria Street, looking towards the Cathedral.

GallifordTry



- Victoria Street, looking towards the Cathedral.



- Victoria Street, looking towards the Cathedral.

GallifordTry



- Victoria Street, looking towards the Cathedral.

GallifordTry



- Cathedral incoming gas pipe and stop tap.



- Cathedral air vent.



- Victoria Street, looking towards the Cathedral.



- Victoria Street, looking towards the Cathedral.



- Victoria Street, looking towards the Cathedral West steps.

GallifordTry



- Victoria Street, looking towards the Cathedral West steps.

GallifordTry



- Victoria Street, looking towards the Cathedral West steps.

GallifordTry



- Victoria Street, looking towards the Cathedral.



- Cathedral air vent.



- Victoria Street, looking towards the Cathedral.



- Victoria Street, looking towards the Cathedral.



- Victoria Street, looking towards the Cathedral.

GallifordTry



- Victoria Street East footpath, looking North.

GallifordTry



- Victoria Street East footpath, soft landscaped area.



- Victoria Street East footpath, looking East towards Cathedral gardens.



- Victoria Street East footpath, soft landscaped area.

GallifordTry



- Victoria Street East footpath, soft landscaped area.



- Victoria Street, looking towards the Cathedral.



- Victoria Street, looking towards the Cathedral.

GallifordTry



- Victoria Street, looking towards the Cathedral.

GallifordTry



- Cathedral North entrance.



- Cathedral North entrance.



- Cathedral North entrance.



- Cathedral North entrance threshold.

GallifordTry



- Cathedral North entrance threshold.

GallifordTry



- Cathedral North entrance threshold.



- Cathedral North entrance.



- Cathedral North entrance threshold.



- Victoria Street, looking towards the Cathedral.



- Cathedral Gardens.



- Cathedral Gardens dwarf wall.

GallifordTry



- Cathedral Gardens dwarf wall.

GallifordTry



- Cathedral Gardens dwarf wall.

GallifordTry



- Cathedral Gardens dwarf wall.

GallifordTry



- Cathedral Gardens dwarf wall.



- Cathedral Gardens dwarf wall.



- Cathedral Gardens dwarf wall.



- Cathedral Gardens dwarf wall.

GallifordTry



- Cathedral Gardens dwarf wall.

GallifordTry



- Cathedral Gardens dwarf wall.

GallifordTry



- Cathedral Gardens dwarf wall.

GallifordTry



- Cathedral Gardens, looking East towards Urbis.



- Cathedral Gardens dwarf wall.

GallifordTry



- Cathedral Gardens dwarf wall.



- Cathedral Gardens dwarf wall.



- Cathedral Gardens dwarf wall.



- Cathedral Gardens, looking East towards Urbis.

GallifordTry



- Cathedral Gardens, looking West towards Victoria Street.



- Cathedral Gardens, looking East towards Urbis.

GallifordTry



- Cathedral Gardens, looking West towards Victoria Street.

GallifordTry



- Cathedral Gardens, looking West towards Victoria Street.



- Cathedral Gardens, trees.



- Cathedral Gardens, trees.



- Victoria Street East footpath, soft landscaped area.



- Victoria Street East footpath, soft landscaped area.



- Victoria Street East footpath, soft landscaped area.



- Victoria Street East footpath, soft landscaped area.



- Victoria Street East footpath, soft landscaped area.



- Victoria Street East footpath, soft landscaped area.



- Victoria Street East footpath, soft landscaped area.



- Victoria Street East footpath, soft landscaped area.



- Victoria Street East footpath, soft landscaped area.



- Victoria Street East footpath, soft landscaped area.



- Victoria Street East footpath, soft landscaped area.



- Victoria Street East footpath, soft landscaped area.



- Victoria Street East footpath, soft landscaped area.

GallifordTry



- Victoria Street East footpath, soft landscaped area.



- Victoria Street East footpath, soft landscaped area.



- Victoria Street East footpath, soft landscaped area.



- Victoria Street East footpath, soft landscaped area.



- Victoria Street East footpath, soft landscaped area.



- Victoria Street East footpath, soft landscaped area.



- Victoria Street East footpath, soft landscaped area.

GallifordTry



- Victoria Street East footpath, soft landscaped area.



- Victoria Street East footpath, soft landscaped area.



- Victoria Street East footpath, soft landscaped area.



- Victoria Street East footpath, soft landscaped area.



- Victoria Street East footpath, soft landscaped area.



- Victoria Street East footpath, soft landscaped area.



- Victoria Street East footpath, soft landscaped area.

GallifordTry



- Victoria Street East footpath, soft landscaped area.

GallifordTry



- Victoria Street East footpath, soft landscaped area.



- Victoria Street East footpath, looking North.

GallifordTry



- Victoria Street East footpath, redundant pedestrian crossing.

GallifordTry



- Victoria Street East footpath, traffic signal inspection chambers.



- Victoria Street East footpath, traffic signal inspection chambers.



- Victoria Street East footpath, carriageway loop box.



- Victoria Street East footpath, looking South.



- Victoria Street East footpath, looking North.

GallifordTry



- Victoria Street East footpath, looking North.

GallifordTry



- Victoria Street East footpath, looking South.



- Victoria Street East footpath, looking East towards Urbis.

GallifordTry



- Chetham’s South gate.

GallifordTry



- Chetham’s South gate, manhole cover.



- Chetham’s South gate, fire hydrant and water stop tap.

GallifordTry



- Chetham’s South gate.



- Chetham’s South gate, looking West towards Victoria Street.

GallifordTry



- Chetham’s South gate, looking West towards Victoria Street.



- Chetham’s South gate, looking West towards Victoria Street.



- Victoria Street East footpath, looking North.



- Victoria Street East footpath, fire hydrant.



- Victoria Street East footpath, manhole cover.

GallifordTry



- Victoria Street East footpath, manhole cover.



- Fennel Street feeder pillar, mini feeder pillar and bin.



- Fennel Street feeder pillar and inspection chamber.



- Chetham’s boundary wall.



- Chetham’s boundary wall.



- Chetham’s boundary wall.



- Chetham’s boundary wall.

GallifordTry



- Chetham’s boundary wall.



- Chetham’s boundary wall.



- Chetham’s boundary wall.



- Chetham’s boundary wall.



- Chetham’s boundary wall.



- Fennel Street mini feeder pillar and inspection chamber.



- Chetham’s South gate pedestrian entrance.



- Chetham’s South gate.

GallifordTry



- Chetham’s boundary kerb existing gully.



- Chetham’s boundary Florentine paving. (Damaged)



- Chetham’s boundary Florentine paving. (Damaged)



- Chetham’s boundary Florentine paving tarmac patch.



- Chetham’s South gate, stop tap cover.



- Chetham’s South gate, stop tap cover.



- Chetham’s South gate.



- Chetham’s South gate.

GallifordTry



- Chetham’s South gate, BT exchange box.



- Palatine Hotel building.



- Chetham’s South gate, BT cover.

GallifordTry



- Chetham’s boundary wall.



- Chetham’s boundary wall.



- Palatine Hotel building.



- Chetham’s boundary wall.



- Palatine Hotel building.

GallifordTry



- Chetham’s boundary wall.

GallifordTry



- Chetham’s boundary wall.



- Palatine Hotel building.

GallifordTry



- Palatine Hotel building.



- Palatine Hotel building.



- Palatine Hotel building.



- Palatine Hotel building.



- Palatine Hotel building.



- Palatine Hotel building.



- Victoria Street East footpath, manhole cover.



- Palatine Hotel building/Chetham’s boundary wall.



- Palatine Hotel building.



- Palatine Hotel building.



- Victoria Street, looking towards Chetham’s.

GallifordTry



- Victoria Street, looking towards Chetham’s.

GallifordTry



- Victoria Street, looking towards Chetham’s.



- Victoria Street, looking towards Chetham’s.

GallifordTry



- Victoria Street, looking towards Chetham’s.

GallifordTry



- Victoria Street East footpath, looking North.

GallifordTry



- Victoria Street East footpath, looking South.

GallifordTry



- Victoria Street East footpath, looking North.

GallifordTry



- Victoria Street, Lighting Column 05.



- Victoria Street, Lighting Column 06.



- Victoria Street, Lighting Column 07.

GallifordTry



- Victoria Street, Lighting Column 08.



- Victoria Street, Lighting Column 09.



- Fennel Street, Lighting Column 09.



- Fennel Street, Lighting Column 10.



- Fennel Street, Lighting Column 11.

Record of review

Revision	Date	Comments	By
01	16/09/2020	First issue for planning application	Adam Liu – Project Manager
02	01/12/2020	Revised following comments from planning consultees	Adam Liu – Project Manager
03			