Construction Management Plan

Project Name – OTH

Date of Issue – 29/04/2019

Revision No - 3

OUR TOWN HALL PROJECT

lendlease

Critical Control Plan Sign-off

Position	Name	Signature	Date
Project Manager	Chris Ruta		
Construction Manager	Gareth Dale		
Sustainability Co-ordinator	Craig Dick		
Deputy Sustainability Co-ordinator	TBC		

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Document Review				
Review Date	**Reviewed By**	**Comments (if applicable)**	**Date**	**Signatur**
Initial Issue	T. Herrick			
29/04/2019	M.McGrinder	Update to section 2 noise/vibration in line with LBC application.		

Refer to European Delivery Requirements for mandatory requirements and supporting documents for variable guidance.

1.0 Sustainability Co-ordinator Roles & Responsibilities

1. Maintain the environmental file and ensure all mandatory documents are complete and up to date.
2. Day to day management of the sustainability activities and making sure that on site operations are undertaken in line with Lendlease sustainability requirements.
3. Monthly reporting of Environmental performance data and recording of observations and incidents on Enablon.
4. Attend monthly sustainability working group.

2.0 Sustainability Arrangements Overview

- **Energy Management**

The project office is currently based in the Town hall building and uses existing electricity and gas supply, to provided heat and power to operational spaces.

Power is supplied by the Client MCC and consumption is to be monitored by meters.

Energy is supplied by TBC and is a **(non-renewable /renewable**) tariff.

The most significant energy demands during the enabling works programme are:

- Building heating & dehumidification;
- Project offices; and,
- Workface electrics access and task lighting.

Steps taken to minimise power consumption include:

- Lights off policy is to be enforced throughout office space.
- Building heating system is switched off from May to August.
- For intrusive survey works:
    - All lighting to be LED specification; and,
    - Battery tools are to be prioritised

- **Waste Management**

Current Waste Management Contractor is Biffa, for office waste and confidential waste is removed by Restore. When facility management of the Townhall building is handed to Lendlease all Duty of Care documentation must be held by the project team. This includes; waste transfer notes, waste carrier licences, and environmental permits/management licences held by the waste destination.

Actions implemented to minimise waste include

- Prevention
    - Disposable utensils, plates and mugs will not be provided to the site team in canteen.
- Reuse
    - Reuse of materials on site for alternative purposes.
- Recycling

    - Segregation of waste on site to maximise the recycling value to enable waste to be incorporated into new alternative materials as recycled content.
- Recovery
    - Wastes will be sent to a specialist sorting facility to maximise material collected and bulked up for sending to specialist energy recovery facilities where all alternatives are exhausted.
- Landfill
    - Only wastes which cannot be diverted from by the actions above will be sent to landfill.
    - The project targets allowing no non-hazardous construction waste to be sent to landfill.

During the construction phase the project will follow the Resource Efficiency Plan. This will be updated with outputs of waste reviews which will evaluate:

- Material Specifications
- Design and Procurement to prevent waste
- Buildability Working Practices needed to deliver the design
- The driver within the known and proven alternatives with a lower or improved waste profile
- Options identified by this review will be presented to the Project Team for evaluation

Surface Water Management and Pollution Prevention

Water from building maintenance activities is to be discharged to combined sewer under discharge consent issued by United Utilities, reference: [tbc], dated [tbc].

- Key discharge conditions include:
    - Suspended solids [tbc] mg/l
    - pH range within [tbc] to [tbc]
- Discharge condition to be monitored.
- Independent chemical monitoring to demonstrate conformance with consent conditions undertaken by ESG.
- United Utilities may attend site to undertake samples throughout the discharge period.

Foul waste from the building is discharged to sewer under United Utilities general domestic sewerage approval.

Surface Water Management Plan with emergency response details to be displayed on site.

Water consumption for the project office is to be monitored to improve the project data set, trend analysis and investigation into unexpected consumption patterns.

The project will incorporate a number of features to reduce water consumption during the construction phase, which include:

- Accommodation
    - Percussion taps
    - Waterless Urinals
    - Dual Flush toilets

- Site Activities
    - Closed Loop vehicle wash which cleans and recycles water
    - Waterless washing options
    - Vacuum dust extraction in place of damping down
    - Hydrosphere, to reduce water for pipe flushing during commissioning by 90%

The project is investigating a number of additional features to reduce water consumption, which includes:

- Grey Water recycling from hand basins and Dehumidifier plant in the accommodation drying room
- Rain water capture from the temporary protection installed to protect the building during roof works.

- Noise, Vibration and Nuisance

A baseline noise assessment is to be completed prior to the commencement of construction phase, which will inform the analysis of on-going boundary noise monitoring. Where works have the potential to cause vibration capable of causing disturbance to local receptors the supply chain partner undertaking the works shall provide Lendlease with baseline and on-going monitoring data.

Potential noise impacts have been identified from plant based operations, vehicle movements and generators. The best practical means will be employed in order to minimise the potential effects on local residents and other sensitive receptors, the following measures will be implemented:

- Site will be operated in accordance with the agreed site hours (typically 7:30am to 7:00pm Monday-Friday and 8:30am to 4:30pm Saturday and Sunday);
- Access points and prescribed traffic routes will be established that minimises any disruption;
- Plant machinery will be inspected daily, well maintained and fitted with effective silencers. All plant will be turned off or the revs lowered to their lowest level when not in use;
- Road going vehicles will be serviced on a regular basis and will be turned off when not in use;
- All acoustic covers to machines will be kept closed whenever the machine is in use;
- Generators (from welfare facilities) will be of the silent type if located near stakeholders and local residents.
- Prompt action to complaints.

Where possible, methods of works will eliminate or reduce the amount of noise and vibration generated to ensure that the impact to the Town Hall building, project team and local stakeholders is kept minimal and mitigated where possible.

The key activities identified as early works in line with LBC application number 3 are:

- Hoarding installation
- Scaffold erection
- Courtyard enabling (cobble sets removal, drainage and attenuation installation and concrete slab)
- R&D Survey
- Mock-up rooms

The following mitigations have been put in place to limit noise and vibration:

Hoarding

The hoarding system will be a proprietary system that will utilise ballast. These types of hoarding systems are easy to install with few adaptions required and as a result have a low noise and vibration impact level.

Scaffold Erection

The scaffold erection will be installed during standard site hours (with exception of interface with the metro line on Princess St.). These works will have a relatively low noise and vibration impact level.

There will be 2no. scaffold lifts on Princess St. where there erection will need to take place at night to allow the overhead line to be de-energised due to the safety risk of working in close proximity. During this aspect of scaffold erection, the workforce will be extra vigilant to ensure that noise is kept low and scaffold materials will be pre-loaded during normal working hours to minimise any plant noise during these hours (01:00 – 04:30).

Courtyard Enabling

The main noise and vibration expected during this element of the works will result from the civils plant and equipment. The noise and vibration will be buffered by the building itself as the courtyard are enclosed protecting local stakeholders. The building will be protected from the selection of plant, equipment and methodology used to ensure that the levels of vibration are within a safe level as prescribed by the project consultant team. Continuous vibration monitoring will in place to warn if vibration levels are in danger of exceeding acceptable levels.

R&D and Mock-Ups

The works associated with the above will be low impact noise and vibration with building monitoring in place throughout project works.

The site is located in the centre of Manchester, with the main entrance opening onto Albert Square and with boarders onto St. Peters Square and major transport route Princess Street. Stakeholders surrounding site include:

- Residential buildings
- Hotels
- Entertainment venues including bar & restaurants
- Commercial properties

In agreement with Manchester City Council, dated [tbc].

- Hours of are limited to 0730 – 1800 Monday to Friday;
- Works out of these hours require approval from Manchester City Council

[tbc] have been appointed to undertake noise monitoring. The monitoring to take place, will provide real time data logging equipment, which alert the Project Team when threshold levels are reached.

- Noise monitor / logging units are to be installed at the closest and most sensitive receptors

Air Quality

The public realm works and refurbishment works associated with Our Town Hall along with the associated vehicle movements during the project have the potential to generate dust and air emissions from the site. Weather conditions will be continually monitored and if deemed necessary, works will cease during windy conditions.

The control of dust will be carried out in accordance with best practice at all times. During the courtyard remedials process, damping down at source using a water spray will be undertaken to minimise the generation of dust. A water suppression unit will be set up to ensure a constant spray of water is directed onto the area and the Site Management Team will continuously monitor the situation to ensure adequate dust suppression is being used.

Where water is used to suppress dust on or around the site, suitable measures to control the run off of slurry water will be in place including:

- Bunding
- Pumping to silt tanks
- Diversions
- Gully protection

To further protect against the generation of dust, vehicle movements will be limited to hard landscaped areas with only plant that is restricted to site allowed to work in exposed ground areas.

- <u>Ecology</u>

Record below what species may be threatened by onsite activities and outline how biodiversity will be protected and enhanced across the project. Identify any potential invasive species and actions that will be taken to deal with situations as they arise. Include phase 1 habitat survey if required from PCP process. Sustainability Coordinator / Project Manager to add text below].

The project ecologist is BDP.

A Phase 1 Habitat Survey, dated October 2018, confirms there the following ecological constraints and associated controls:

- Protected Features & Species
  - **Bats -** the proposed enabling and restoration and remodelling works to the Town Hall need to be undertaken under a European Protected Species License (EPSL). Method statement:
    - Prior to the start of works on site, a 'toolbox talk' should be given to the site contractors identifying the locations where bats are likely to be encountered, their responsibilities under UK Legislation and the EPSL method statement; plus, what they should do if any bats are encountered during works.
    - Works to the roof covering, lead flashing, stonework, windows and guttering and downspouts in the northern courtyard will be overseen by the Ecological Consultant (or appropriately experienced bat workers) with the work carried out in suitable weather conditions, i.e. dry, with low wind (Beaufort scale 2).
  - **Schedule 1 birds** – this impacts any enabling works to the building exterior. It is advised that works are carried outside of nesting bird season (Mar-Sep), if this is unavoidable a nesting bird survey will be required 24hr prior to work starting.

- Invasive & Pest Species Management
  - None identified.

All tree protection is to be in accordance with BS5837, being formed of a minimum of linked and ground secured heras panels set out to an appropriate size

- FSC Project Certification

All paper used on site is to be FSC accredited in line with LL office procurement policy.

When required, all enabling work contractors are to use FSC certified timber; if timber is required.

Key actions to ensure timber delivered to site will be FSC Certified with a full Chain of Custody are:

- FSC requirement issued within all Contract documents
- All supply chain partners briefed on the Project FSC requirements
- Deliveries to be reviewed at point of delivery
- Offsite facilities where timber is processed will be adopted into the scope of project certification as an extension of the Our Town Hall site

- Responsible Procurement of Construction Materials

The following materials should always have a responsible sourcing certification:

- **Concrete**
- **Steel Rebar**
- **Brick and block**
- **Plasterboard**

The project will define the scope of use and present a qualified business case to the project Environmental support for the use of any material identified on the Lendlease Grey List. The project shall not utilise any material identified on the Lendlease Grey List without prior written consent from the Lendlease Environmental support through formal completion of an EF5 Form.

Ethical Procurement

The OTH project will operate in accordance with SEDEX Buyer/Supplier (AB) membership

- Detailed and evidence of SEDEX Supplier membership of supply chain partners with package values above £2m retained, along with associated updates which occur during the package of works

The following non-timber materials are to be procured to recognised certification standards, for example BES6001; ISO14001:2015 for extraction / processing:

- Concrete

- Steel
- Plasterboard; plaster
- Brick / Block
- Roof Slate / Finish

All Rebar will be procured to the CARES standard

- Recycled Content

There is not a specific recycled content requirement stipulated for this project

The principles of the circular economy will be supported on the project during the construction phase. Materials selection will prioritise those materials which match specification requirements which:
Are manufactured in whole or in part from recycled / recovered materials.
Can be completely reused, recycled or recovered at the end of its intended life.

- Environmental performance reporting

When construction activities start, the project will be required to report sustainability performance as follows:

- **Footprint – monthly submission of environmental metrics data**
- **Enablon – log of all environmental incidents and observations (positive and negative). Completion of monthly checklists and close out of all open non-conformances that have been identified through the audit process**
- **Any other environmental monitoring requirement of the project**

- Considerate Constructors Scheme

The Project will register with the Considerate Constructors Scheme within one month of start on site and comply with the Code of Practice. Registration shall be maintained throughout the duration of project works and the project will target a minimum score of 44/50. Signage and posters shall be displayed in line with Considerate Constructors Scheme requirements.

The project Sustainability Coordinator is responsible for the registration and performance under CCS.

- Community Development Plan

Details of targets and delivery strategies are detailed in the Social Value KPI Plan, separate to this document.

- Complaints Procedure

The Project Manager and Senior Construction Manager must be informed of any complaint received within 1 hour of receipt.

The Project Manager or Senior Construction Manager will provide an initial response within 4 working hours of receipt of the complaint; this may be to advise that the complaint has been received and that further investigation is being undertaken.

All complaints, and all resolution actions, are to be recorded in the project complaints log.

- Measurement of Compliance

Measurements of compliance during PCA will include:

- Monthly Environmental Checklist
- Project Team Monthly Sustainability Performance Report.

- Any other specific requirements from the client or site specific

The project is located at the centre of the Manchester City Council Albert Square Conservation Area
Written consent is required for all works to trees not explicitly detailed in the planning permission.

Grade I Listed Buildings
Historic England Approval required for all intrusive works or which change the current finish of the building

The project is to deliver against a range of social value targets. The focus areas are:

- Local Economic Benefit
- Employment
- Qualifications
- Education & Skills
- Works Placements
- Apprentices
- Volunteering

Details of targets and delivery strategy is detailed in the Social Value KPI Plan, separate to this document.

Logistics

All Lendlease operations are required to ensure that the risks associated with construction traffic on the public highways, are assessed and control measures are identified and implemented during procurement and construction.

They must look to reduce the negative transport effects of construction work on local communities and environment by providing a tool to minimise construction trips and reduce the potential for collision.

Logistic Plans reviewing the management and control of Work Related Road Risk detailing the measures for raising awareness of the risk, and the best practice to protect vulnerable road users.

Fleet operators must be FORs accredited and working towards Gold standard. Vehicles requirement for Heavy Good vehicles over 3.5 tonnes and 7.5 tonnes specified in the CLOCS standard must be adhered to and every vehicle checked for compliance before entering the project.

Equipment to improve the safety of these vehicles includes side guards, blind spot cameras and proximity sensors. For further information see FORS@tfl.gov.uk.

Emergency planning protocols should be established and briefed during induction. All projects have to plan and manage all vehicle and pedestrian movements in line with the Fleet Operator Recognition Scheme (FORS) and hold a Bronze Accreditation, and the Construction Logistics and Community Safety (CLOCS).

The safety requirements in FORS are aligned with CLOCS and operators accredited or reapproved to FORS Silver level are fully compliant with the CLOCS Standard.

It is the most senior Lendlease Project Manager / Project Director's responsibility to:

- Ensure suitable and sufficient strategies are in place to prevent congestion by vehicles awaiting to access the site
- Ensure suitable loading and unloading strategies are in place
- Ensure suitable and sufficient strategies are in place to clean mud off the wheels of vehicles prior to leaving site, where necessary
- Have robust physical security measures and systems on their Project to prevent unauthorised persons accessing the Project both during normal operations and outside normal working hours.

- Ensure anyone walking near or within the site is protected from Project vehicle movements, and vehicles do not strike pedestrians. This includes the protection of other road users e.g. cyclists affected by significantly increased Project traffic on local roads.
- Ensure all site access ways, emergency routes and passage ways are clearly lit, signed and kept free from obstructions and debris.
- Have enough waste containers, skips and bins (including ones for hazardous and recyclable materials), and have arrangements for the regular collection of waste to prevent an excess on site.
- Ensure the details of all persons entering and leaving the site are recorded. Lendlease use HRS and Msite to control access and egress from to and from site.
- Create a Project EHS Plan that includes a Project Logistics Plan that details the arrangements to achieve the above.
- Effective measures must be in place for the recovery of vehicles and plant immobilised or bogged in mud, sand or other type of similar traction resistant ground conditions.

Due to the significance of Our Town Hall project, authorities must be contacted regarding required security measures and actions to be taken as appropriate.

The OTH project must implement effective measures to eliminate or control the risks presented by the movement of pedestrians and vehicles around and next to the site during mobilisation, materials delivery and construction activities. Technological advances must be considered for collision avoidance and pedestrian proximity notification, particularly where personnel are required to enter the potential impact zone.

All operators of mobile plant must have an appropriate CPCS or approved Build UK card scheme card which must be verified by a Lendlease manager when the operator is inducted.

Mobile Plant operators are regarded as Safety Critical Workers. They are required to have medical assessments which will include checks on hearing, sight and general fitness. These include:

- Crane Drivers
- 3600 Excavator drivers
- Fork Lift Truck Drivers
- Dumper Drivers

An effective inspection, testing and preventative maintenance regime must be implemented covering all tools, equipment, electrical supply units and vehicles used. This must be led by sub-contractors; however, Lendlease must check that inspections and maintenance are carried out.

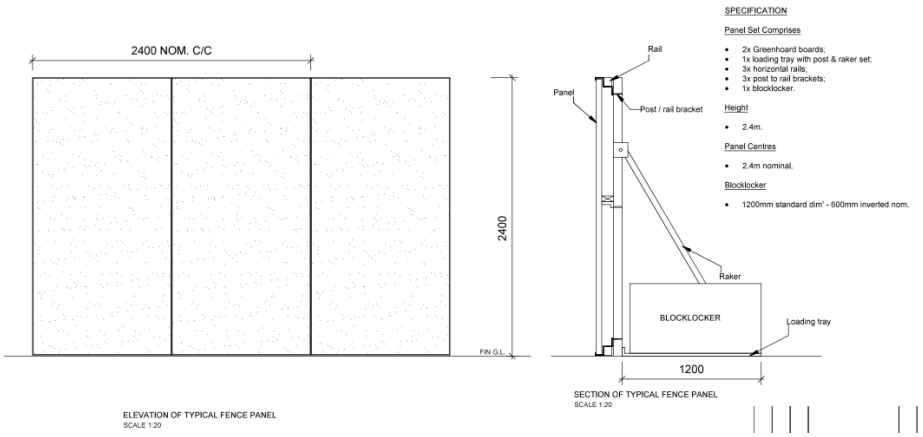
Lendlease will be responsible for the safe condition and effective operation of the site temporary power installation. Though sub-contracted, Lendlease managers must ensure that contractor activity ensures safe, effective supply.

All vehicle movements must be planned and managed, whether it is a courier, materials delivery, plant collection or personnel arrival. Appropriate unloading zones must be established to segregate this risk from other site users.

Site Security

Hoarding

The site hoarding will be a designed proprietary system as below. The design and installation will comply with Lendlease Global Minimum requirements which ensure that site activities are clearly segregated from public interfaces.



- A robust perimeter fence or hoarding must be erected – design and construction needs to be approved by a temporary works engineer.

- Perimeter fencing/ hoardings should be at least 2.4m high and of anti-climb construction. All hoardings, fencing and signage must be kept clean and regularly maintained to prevent risk to the public and workers. Refer to Project Set Up Manual.

- The hoarding should be inspected one a week as well as before and after any forecast weather that could affect the integrity of the hoarding.

Entrances

All pedestrian site access points will be physically separated from vehicle entrances. In addition to controlling entry, site access points will be designed to ensure safe access and egress for pedestrians and vehicles, with:

- adequate room for manoeuvre
- good visibility for drivers and pedestrians
- firm and level roadways and pavements
- controls to prevent members of the public being exposed to risk
- wheel washes if necessary, to prevent mud being deposited on public highways
- physical separation of pedestrians and vehicles
- clear signage for all users.

Wherever practical, gates must not swing into public areas but should swing into site. If the gate is not kept shut during site operation, an additional barrier system must be installed to control vehicle access by security guards or traffic marshals.

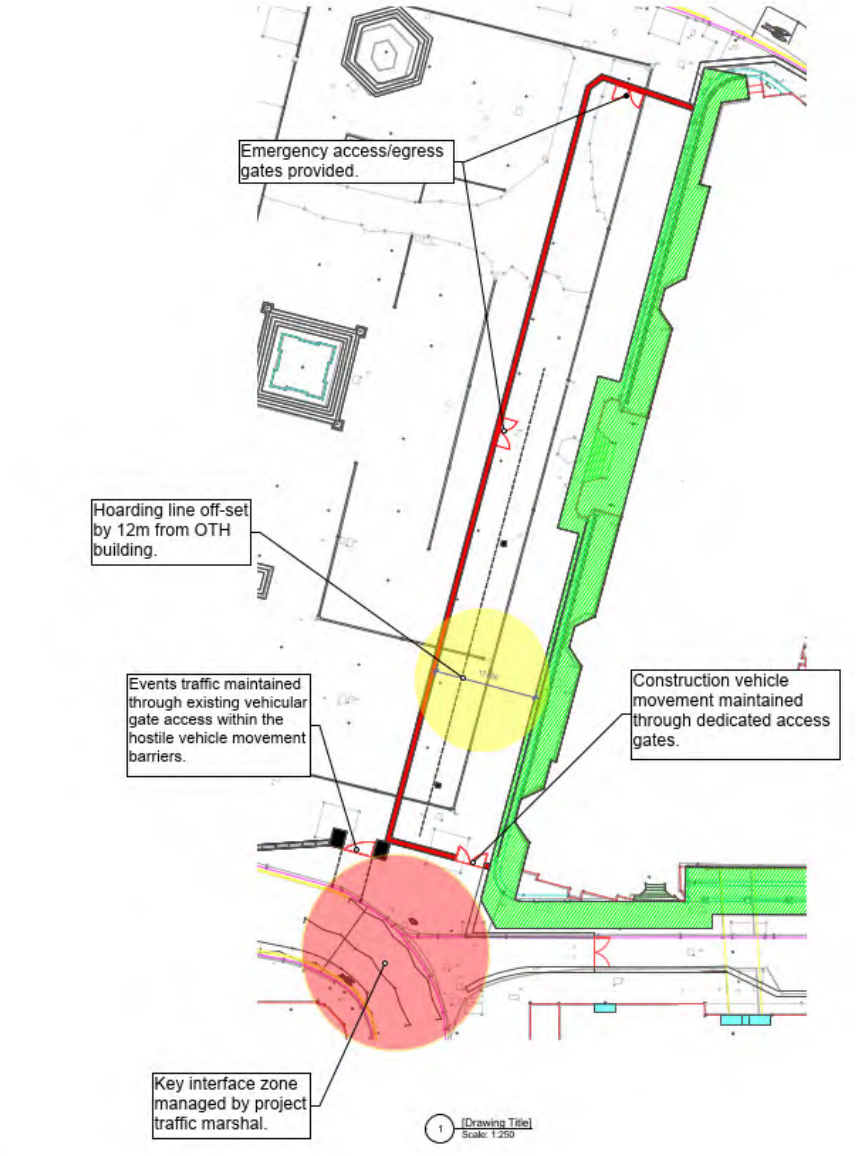
All gates have to be designed and approved by a temporary works engineer to ensure structural integrity, and components checked and tested on a regular basis.

When vehicles arrive at site, drivers and their loads should be checked to ensure they are scheduled and permitted on site. Their details will be recorded and drivers will be instructed on the site rules and where to go. Other checks – including the suitability of lifting accessories brought with loads, delivery notes that confirm FSC timber or waste tickets for departing vehicles – can usefully be done at entrances. Vehicles arriving with goods or equipment that does not meet Lendlease requirements can be turned away, and hazards kept out of the Project.

All drivers need to be made aware of the site layout and rules, including need for all persons moving around site vehicles to wear high visibility clothing. This may be a verbal instruction, but on sites with complex delivery routes, this might include giving a specific driver's induction.

Site plans must be displayed in prominent locations on site detailing the logistics arrangements at the time, including exclusion zones, safe access routes, etc.





Security

The security risks to the project and the necessary precautions will be assessed taking into account the nature of the works, the location of the site and its attractiveness to unauthorised persons

We will install security points at the site gates and will use computerised access management systems (HRS).

Security teams can greatly assist the effective running of a Project. Typical security tasks will include:

- control all access points prevent unauthorised access
- record details of all pedestrians and vehicles entering and leaving site
- monitor delivery vehicle movements outside the site
- ensure the public are not being put at risk
- control access to all pedestrian access points
- control visitors access site to prevent unauthorised access and to record all persons/visitors who enter/leave site
- emergency duties as described in the site Emergency Plan
- ensure doors are kept closed,
- control issue of keys,
- signing in/out log for the hoarding entry points, goods and pedestrian, and temporary site accommodation
- secure the site at the end of each working day

Typical security office entrance Typical automatic security gates





The OTH project will use the same security group utilised on the Town Hall Complex so that response times to incidents is low.

CCTV

CCTV will be installed along the hoarding to ensure complete visibility (positions to be confirmed by CCTV contractor ensuring full visibility). This will be monitored 24/7 by security personnel and will be recorded in line with GDPR requirements.

Public protection

No scaffolds or other structures will be constructed on public areas. All scaffold, temporary works and logistics items will be within the protected hoarding line to prevent unauthorised access. CCTV along with 24/7 security personnel will ensure trespassing does not become an issue.

Our site planning will take into account the location of the site and groups that may be at particular risk from the works including, children, those with physical or mental impairment, local schools, staff in occupied premises, etc.

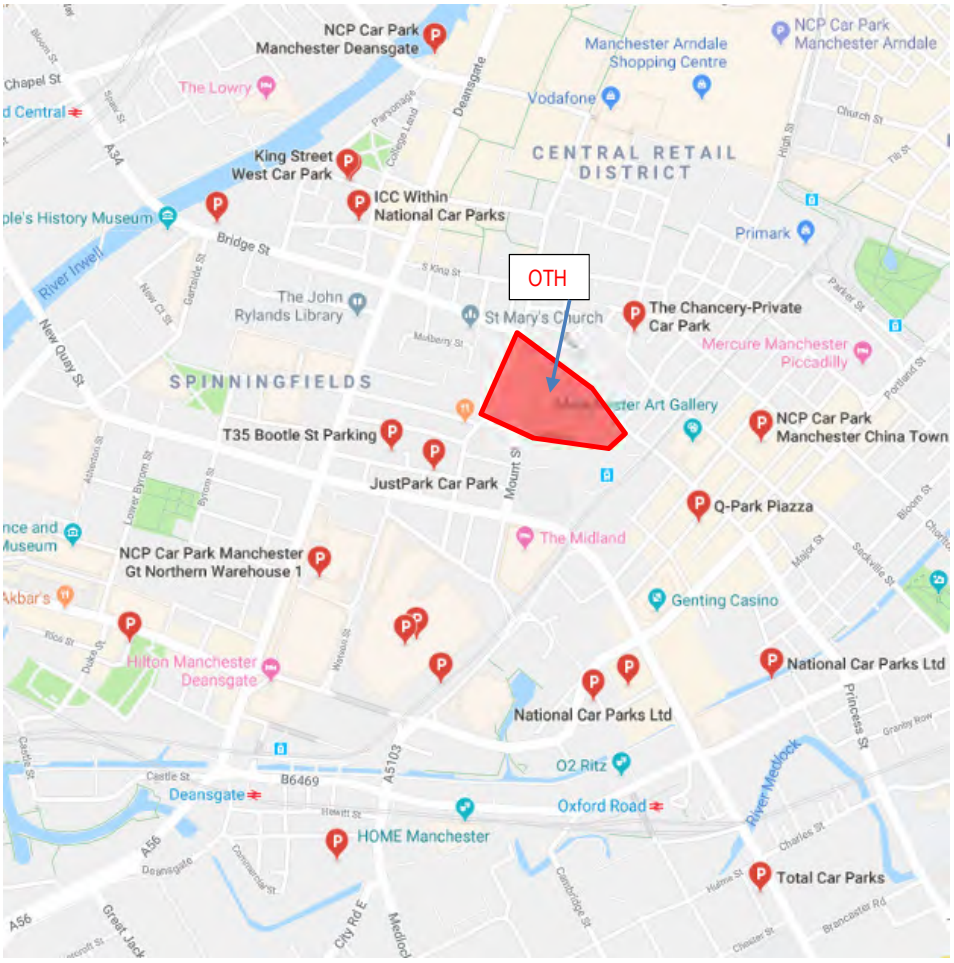
We will avoid the requirement to have plant operating in public areas (with exception of materials deliveries/collections) in order to prevent mud on, and damage to, roads due to site vehicles or works or leakage of substances to drains, watercourses etc.

Any changes to vehicle traffic flows on public roads will be managed so they do not pose a risk to the public. These will be approved through formal TTRO's where required and after sufficient engagement with Highways, TfGM etc. We will ensure daily inspections of the public areas around the site perimeter and any defects/trip hazards identified and arrangements made for cleaning and rectification. Consideration of traffic routes and

access points should be considered to protect vulnerable road users such as cyclists. Ref CLOCS Standard for Construction Site Logistics

Parking of vehicles of site operatives and visitors

As this is an inner-city project there will be no on-site parking for site operatives and visitors. Our Town Hall has a host of local car parks including disabled bays and short-term parking provisions in the locale of the project and project office and all operatives and visitors will be instructed to use these accordingly.



Storage of plant and materials used in construction

Weekly construction meetings will review housekeeping and materials handling and storage to ensure all works are coordinated. Materials storage will be minimised through 'just in time' deliveries and in line with the project Fire Management Plan in order to minimise risk to the building.

Materials storage areas will be designated and segregated with physical barriers with additional protection prescribed dependant upon materials i.e. fire points/COSHH cages.

Plant/Equipment will be stored in containers or parked in visible areas within the site hoarding with suitable lighting to allow security monitoring.

The risks associated with the transport of materials from storage areas to the point of work will be assessed and planned to minimise the potential for injury from manual handling. Suppliers will be engaged to package their products in such a way as to minimise the risks from handling them.

Equipment used for transporting materials will be suitable for the purpose and routes will be free from obstructions. Loads may need to be broken down to make them suitable for handling.

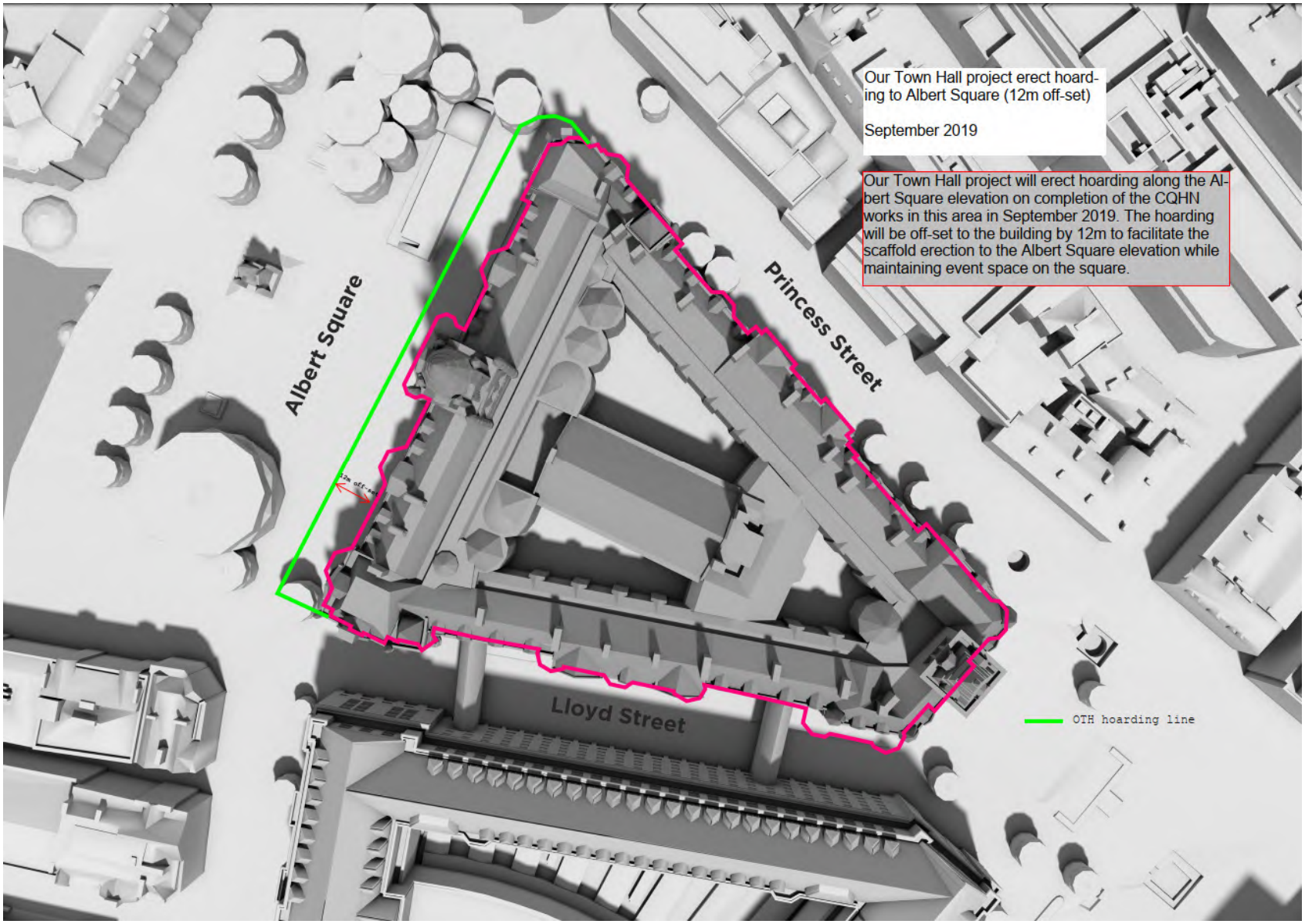
Combustibles, flammables and other dangerous materials must be kept to a minimum on site, be stored safely, and be clearly signed. The amounts HFLs used within buildings must be limited to that needed for the shift and they should be transported in spill proof containers. All waste materials, packaging of equipment etc. have to be removed to the waste management area at the end of each shift or more frequently to avoid creating risk or obstructing logistics/emergency routes.

Escape routes should be inspected daily to ensure they are unobstructed, have the required signage, emergency lighting and extinguishers.

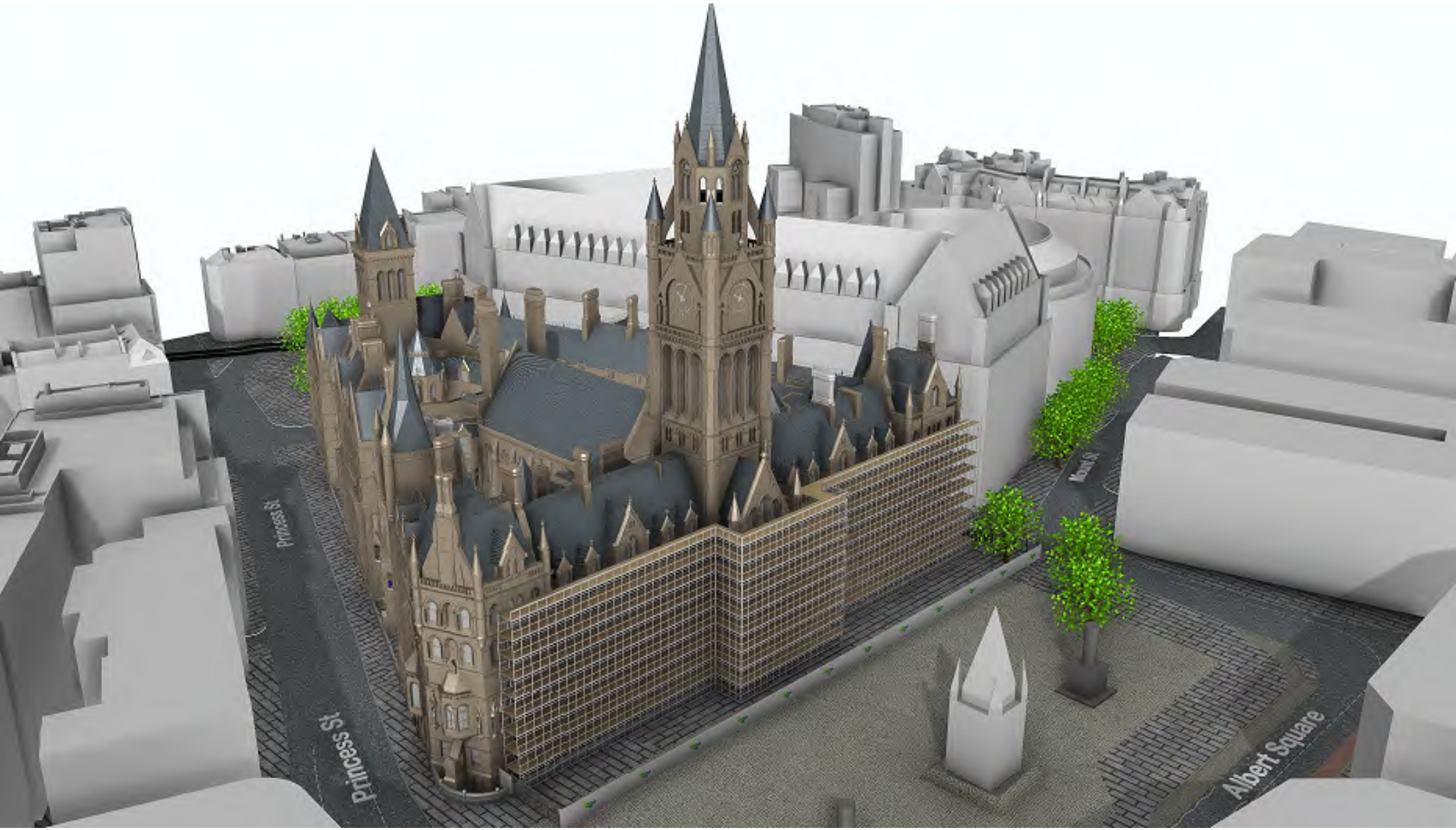
Steps must be taken to avoid materials being dislodged by wind or from being displaced as a result of other site activity, e.g. by securely tying them down.

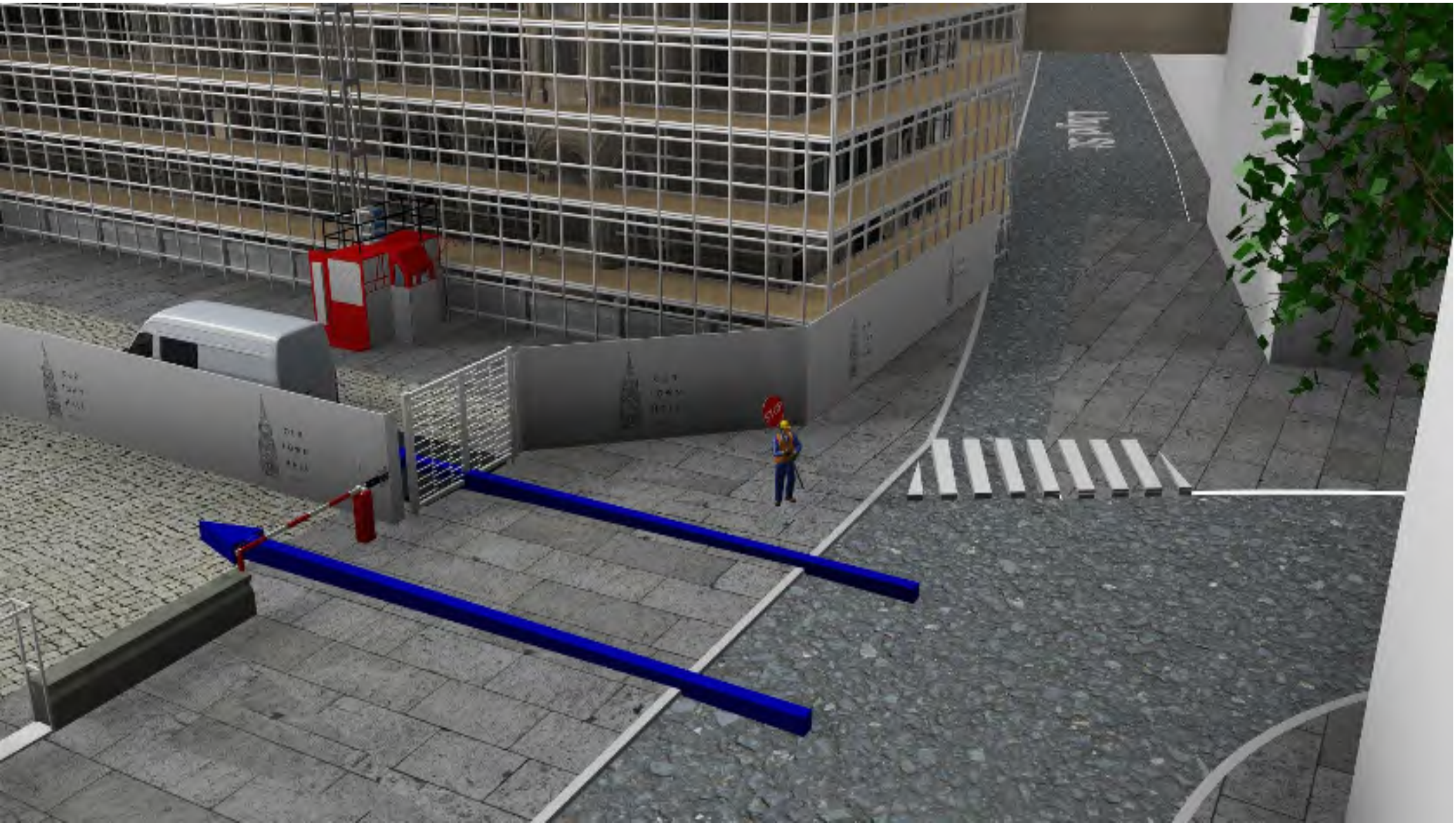
Logistics Plans

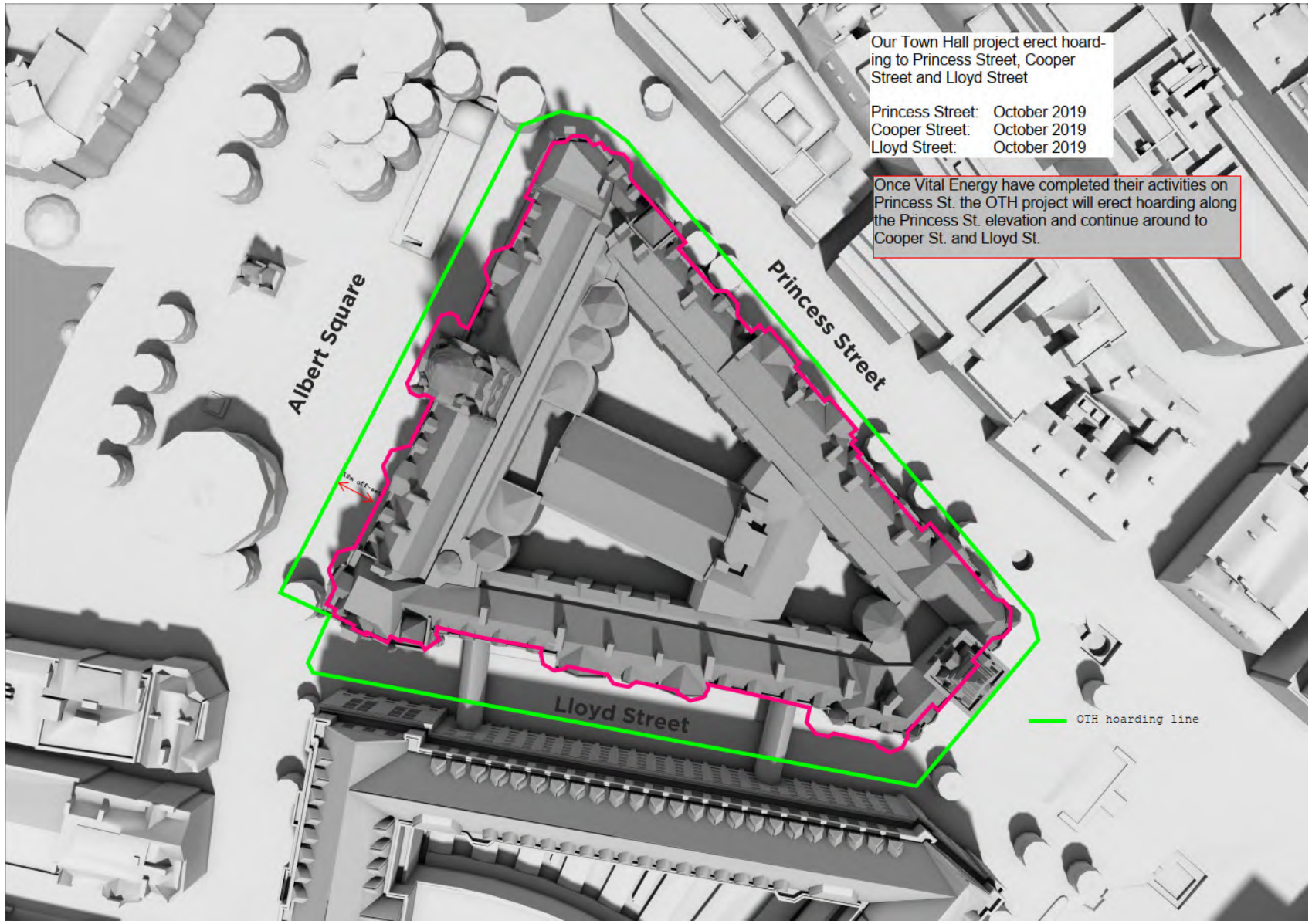

Central Quarter Heat Network activities by Vital Energy
August 2019 - October 2019
Central Quarter Heat Network activities to connect the Town Hall for both both district heating and power commences in August 2019 after the MIF.
Albert Square elevation duration - 4 weeks
Princess Street elevation duration - 7 weeks
Albert Square
Princess Street
Lloyd Street
Vital Energy heras fence line
Vital Energy heat network
Vital Energy private wire

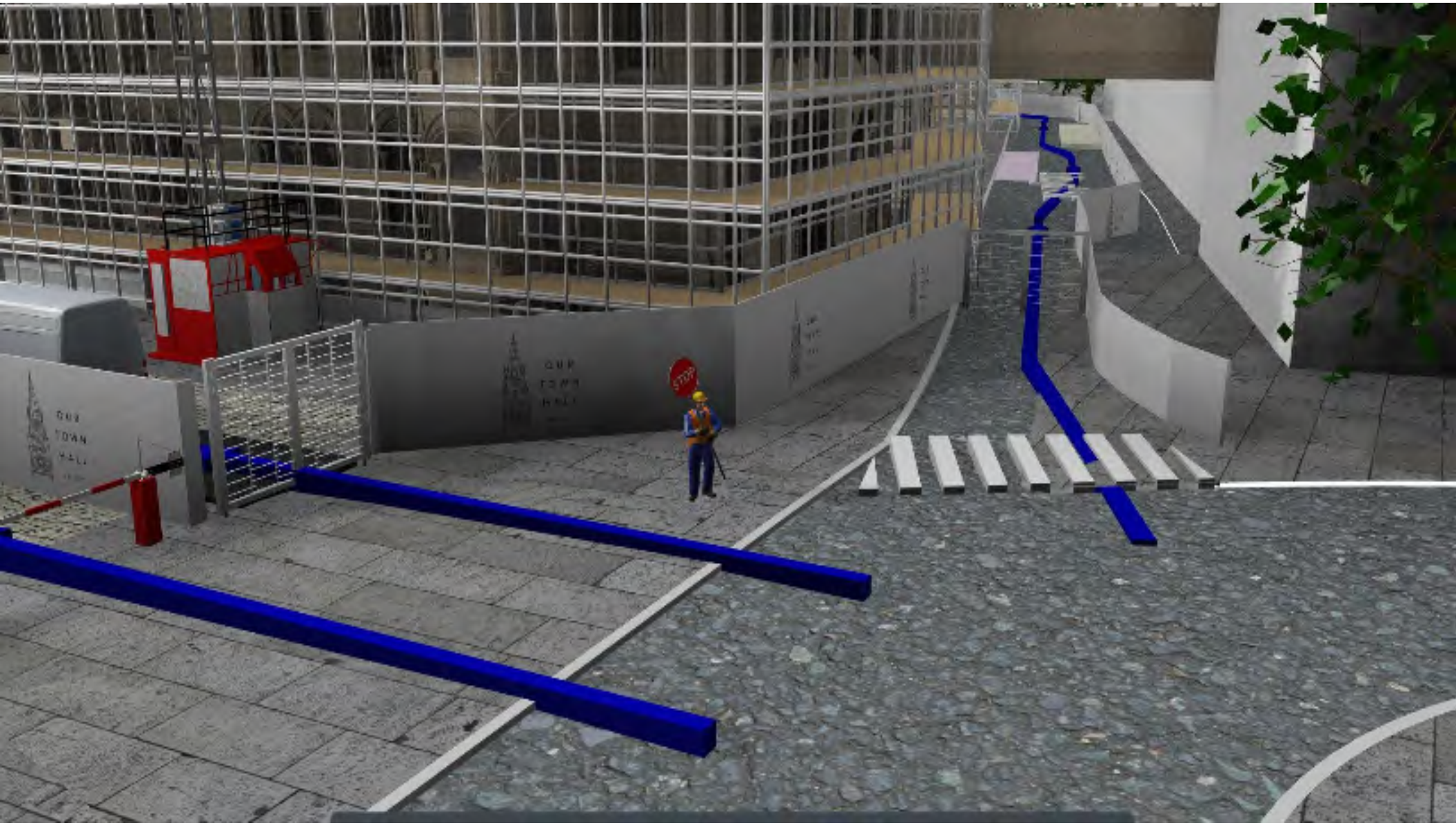

Our Town Hall project erect hoarding to Albert Square (12m off-set)
September 2019
Our Town Hall project will erect hoarding along the Albert Square elevation on completion of the CQHN works in this area in September 2019. The hoarding will be off-set to the building by 12m to facilitate the scaffold erection to the Albert Square elevation while maintaining event space on the square.
Albert Square
Princess Street
Lloyd Street
OTH hoarding line


Canning St

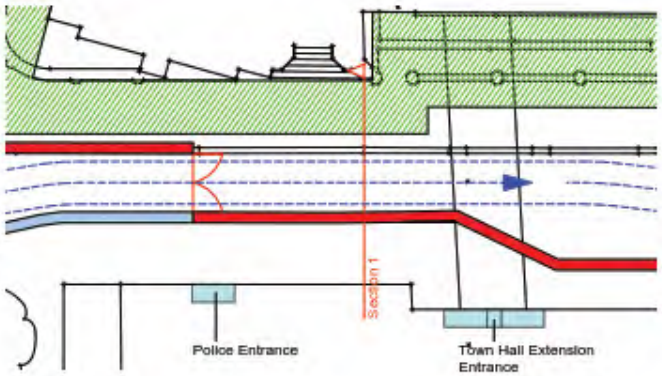

Princess St
Princess St
Albert Square

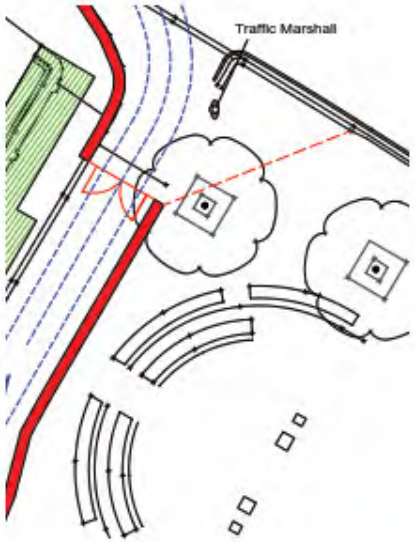

STOP

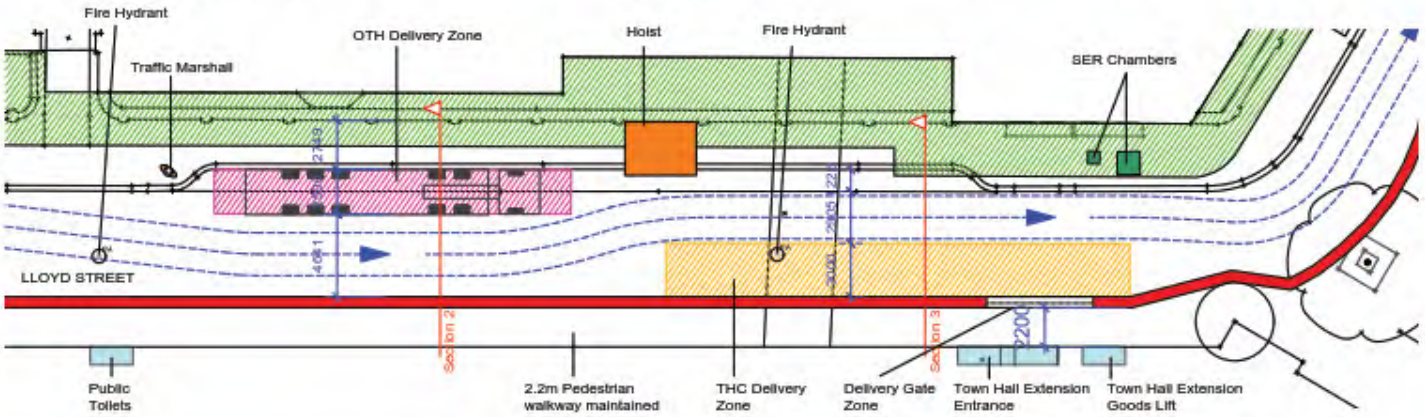

Our Town Hall project erect hoarding to Princess Street, Cooper Street and Lloyd Street
Princess Street: October 2019
Cooper Street: October 2019
Lloyd Street: October 2019
Once Vital Energy have completed their activities on Princess St. the OTH project will erect hoarding along the Princess St. elevation and continue around to Cooper St. and Lloyd St.
Albert Square
Princess Street
Lloyd Street
OTH hoarding line

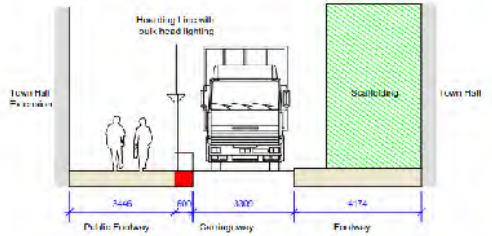


LLOYD STREET LOGISTICS PLAN - DETAIL AREAS

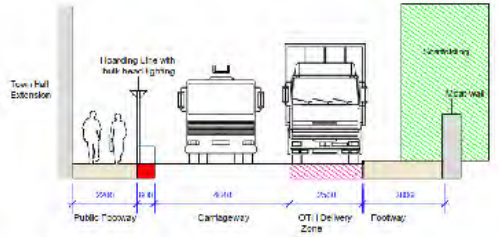




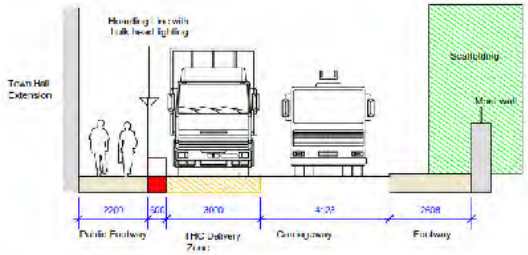




Section 1



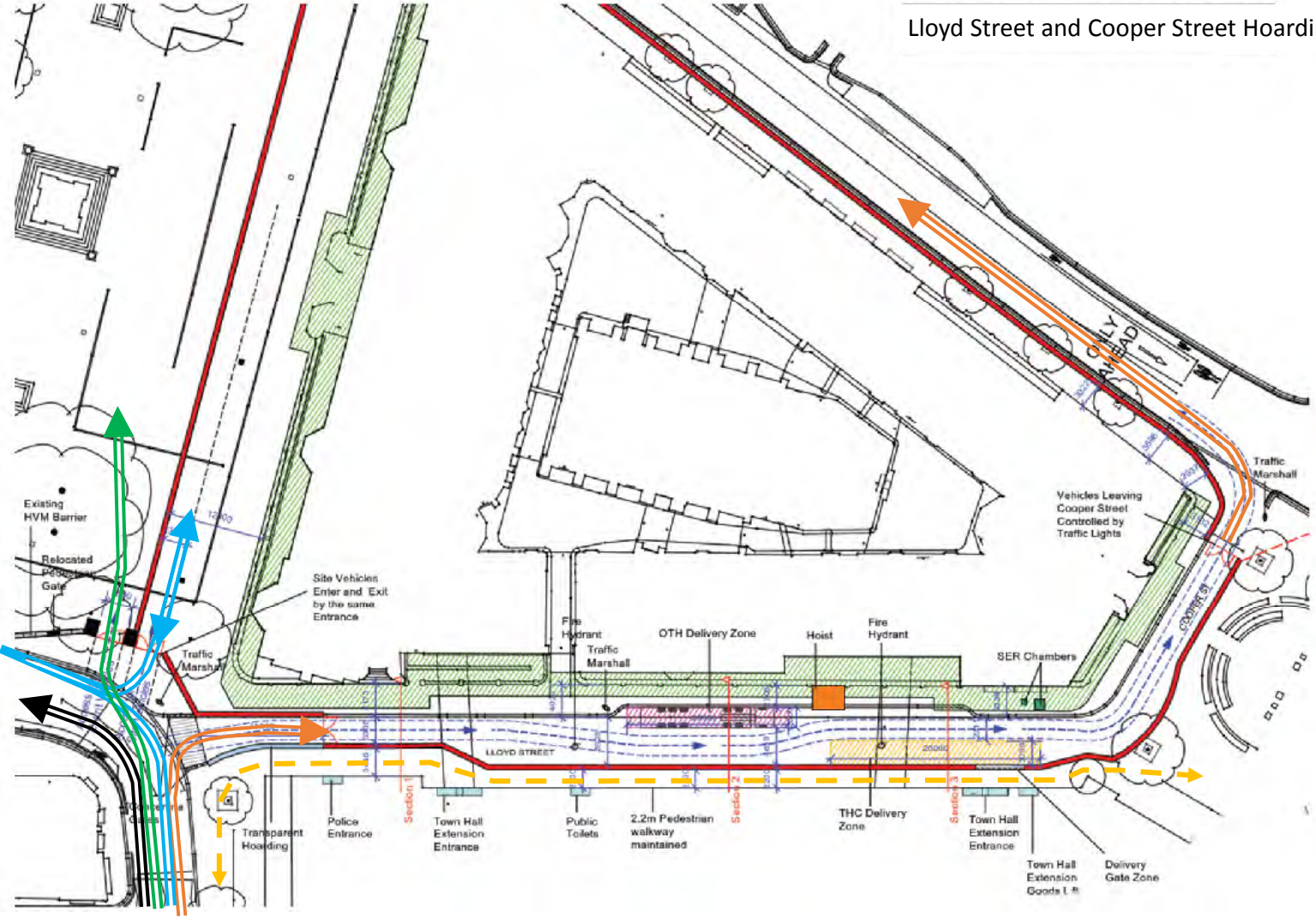
Section 2



Section 3

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Lloyd Street and Cooper Street Hoarding Q3 2019 till Q4 2023



Access and Egress to Lloyd Street

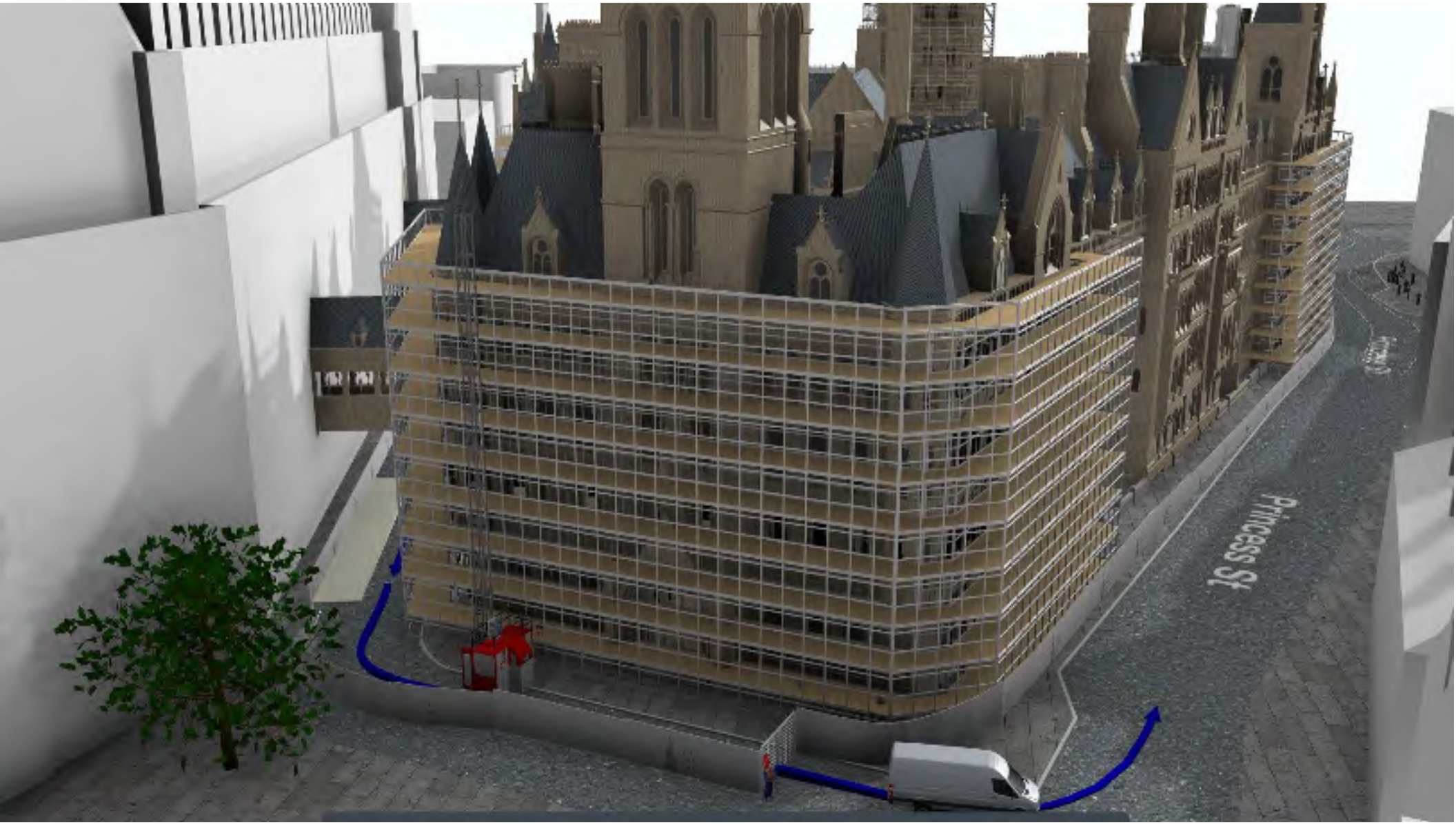
Access and Egress to Albert Square

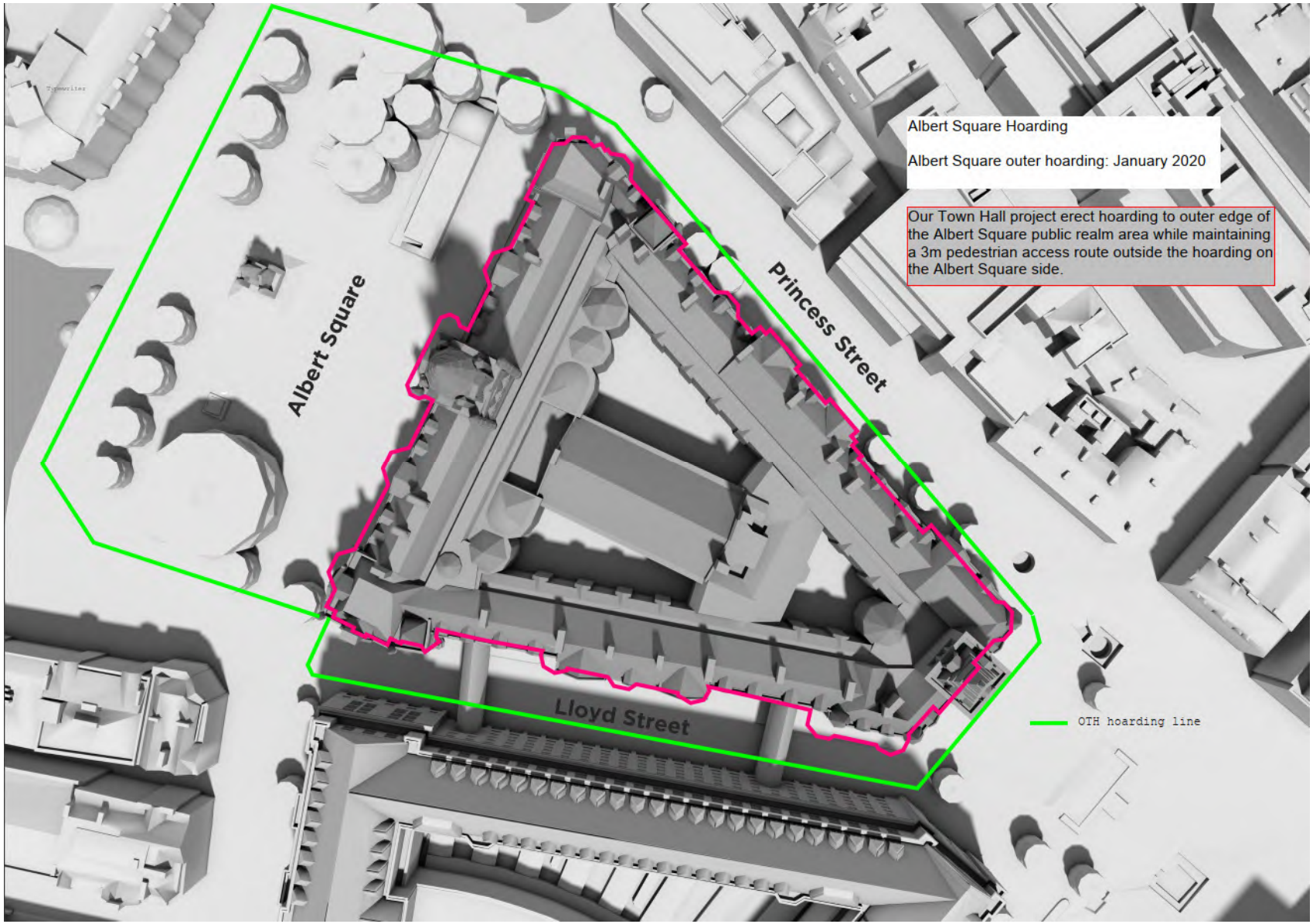
Access and Egress for Events

Through traffic on Albert Square

Pedestrian access to Town Hall Extension and through traffic from Albert Sq. to St. Peter's Sq.

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Princess St


Albert Square Hoarding
Albert Square outer hoarding: January 2020
Our Town Hall project erect hoarding to outer edge of the Albert Square public realm area while maintaining a 3m pedestrian access route outside the hoarding on the Albert Square side.
Albert Square
Princess Street
Lloyd Street
OTH hoarding line

