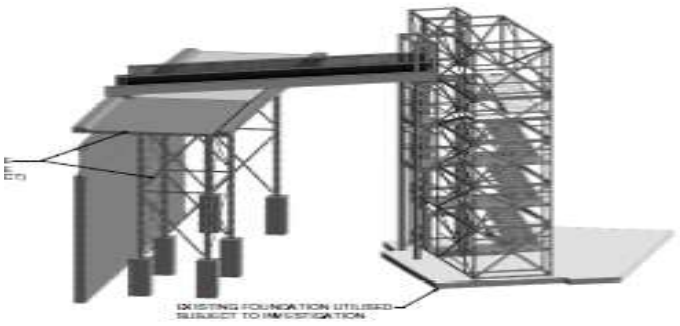
PROJECT NAME:
U + I Maybe Pop Up Building

PROJECT NO: 1630

CONSTRUCTION LOGISTICS PLAN



Construction Logistics Plan

NOTES TO COMPILER

These are instructions/advice in how to complete the document

These are where specific details are to be inserted/deleted as appropriate within the standard text of the document

Always download the template on the system to your specific site folder, do not try and update/modify any existing CLP or amend the template in the original file.

If there are any sub-sections of the main document that do not apply add - NOT APPLICABLE in the sub-section heading and delete any description that applies.
Eg. 3.3 Sub-Structure – NOT APPLICABLE

When inserting any text from another document adopt the following to avoid losing the formatting of the document

When inserting complete paragraphs
Press the Enter key to insert a new line
If not copying text from another document insert the text you want to add
If copying from another document - Copy the wording you want to inset, click on paste, click on paste special and click on unformatted text and INSERT
In both cases use the format painter to format as per the other paragraphs

When inserting into a bullet points list
If copying other text use same procedure as above and then use the format painter as the first bullet point and the new list will appear
If not copying enter the text you need, then press enter and a new bullet point will open

When you have completed the document delete this page and all instructions.
Then go to the index page, right click twice, then update field, update entire table and OK.

PCI = Pre-Contract Information

Construction Logistics Plan

Register of Construction Logistics Plan Reviews/Revisions

Date	Issue No	Revisions	Updated and Agreed By
1/10/18	0	**Initial Issue**	n/a
14/11/18	1	Rev A updated subcontract information	R Mckay

Note:
Amendments since the issue indicated * above are as follows:
(1) Deletions are overstruck ~~**thus**~~**.**
(2) Revisions and insertions are highlighted **thus by emboldening plus underlining**
(3) Numbers of renumbered sub-sections are highlighted thus **6.3**

Distribution of Construction Logistics Plan

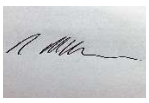
Controlled Copy No	Holder Name and Job Title	Company
Master copy **Project 'work-on drive'**	Contracts Manager	MCC
Copy 1 **Held on site**	Site Manager	MCC

The construction logistics plan is to be initially produced by the Contracts Manager and Site Manager. The Contracts Manager is to ensure that the Site Manager is then fully briefed on the CLP prior to the start on site.

Each Site Manager is then to brief this to the key M&CC employees on site and to any Site Manager taking over permanently or temporary.

Briefing of the Construction Logistics Plan

This CLP has been fully briefed to the following: -

Date	Name	Signature	Occupation	Comments
14/11/18	**R Mckay**		**Contracts Manager**	
14/11/18	**Mandy Knowles**		**SHE Manager**	
14/11/18	**Adam Cordingley**		**Site Manager**	

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Introduction

This plan amplifies Manchester and Cheshire Construction Company Ltd.'s aims is to reduce the negative transport effects of construction work on local communities and the environment by providing a tool to minimise construction trips and reduce the potential for collisions.

This site-specific plan has been prepared to be complimentary with the applicable standard safety procedures of **U+I.** Where any conflict arises, **U+I** procedures, if accessible and available to Manchester and Cheshire Construction Company Ltd**,** will take precedence.

The Construction Logistics Plan is a dynamic document and may be reviewed and updated at regular intervals to keep it current with the progress of the works and changing legislation. Reviews will be undertaken by the Construction Manager / Site Manager. Where revisions are required the document will be amended. A record of reviews and amendments will be maintained in the Plan.

Delete as appropriate

1. Site Context

1.1 Location of the Project

- Project Name: U + I Maybe Popup Building, Mayfield Regeneration
- Project Address: Mayfield Gatehouse
  Barring Street
  Manchester
  M1 2AD

All the above information should be contained in the Construction Phase Plan (CPP).

1.2 Local Authorities

Insert details of local authorities involved with the project.

- **Manchester Highways department**
- **Manchester Council**

1.3 Highway and Transport Links

Insert details of highway and transport links available to the project e.g. major roads, train/tram stops, bus services.

- **Piccadilly Train Station is within 100m walk**
- **Major bus routes from Piccadilly Station**
- **Metro link from Piccadilly Station**
- **Mancunian Way links to Salford, North and South Manchester and M602, M60 and M62**

1.4 Contextual Information

Insert any other details relevant to the project provided by the Client.

- **Road closure with be required to Baring Street with necessary diversion routes established with Local council / Highways**

1.5 Communications and Management of the Project

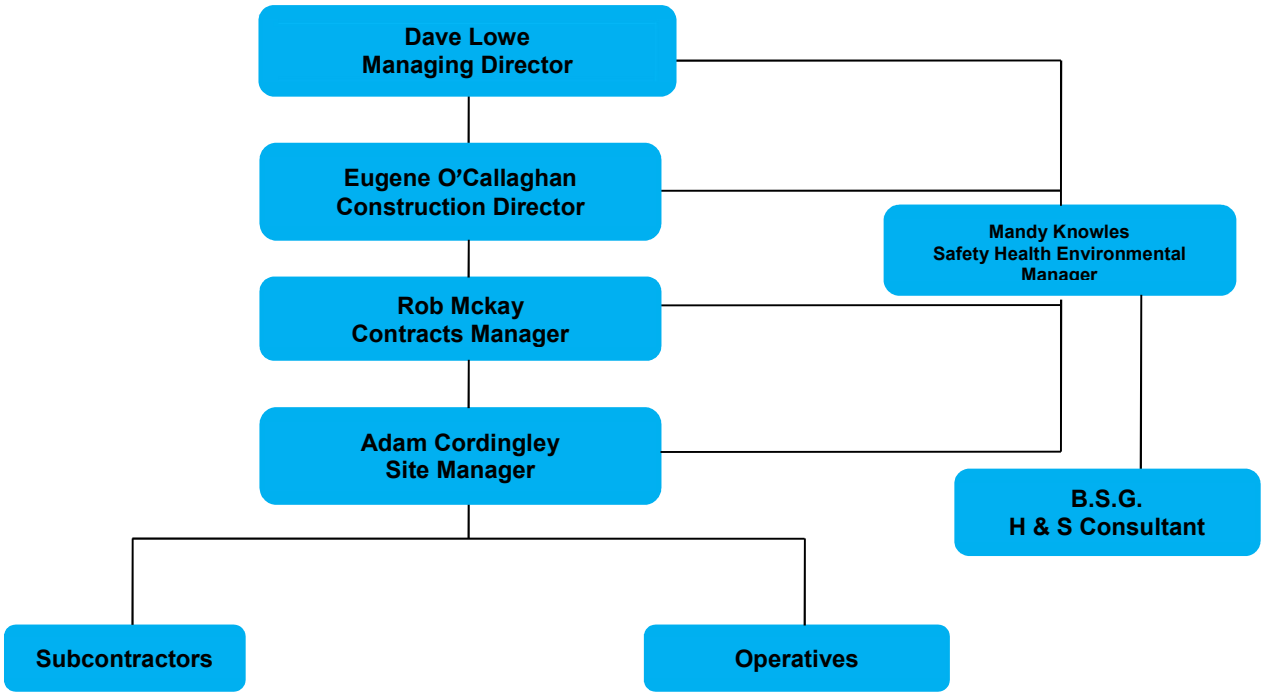


Figure 1 Communications and Management Structure of the Project

2.0 Context, Considerations and Challenges

2.1 Policy Context

The following legislation, policies and documentation have been considered within this CLP:

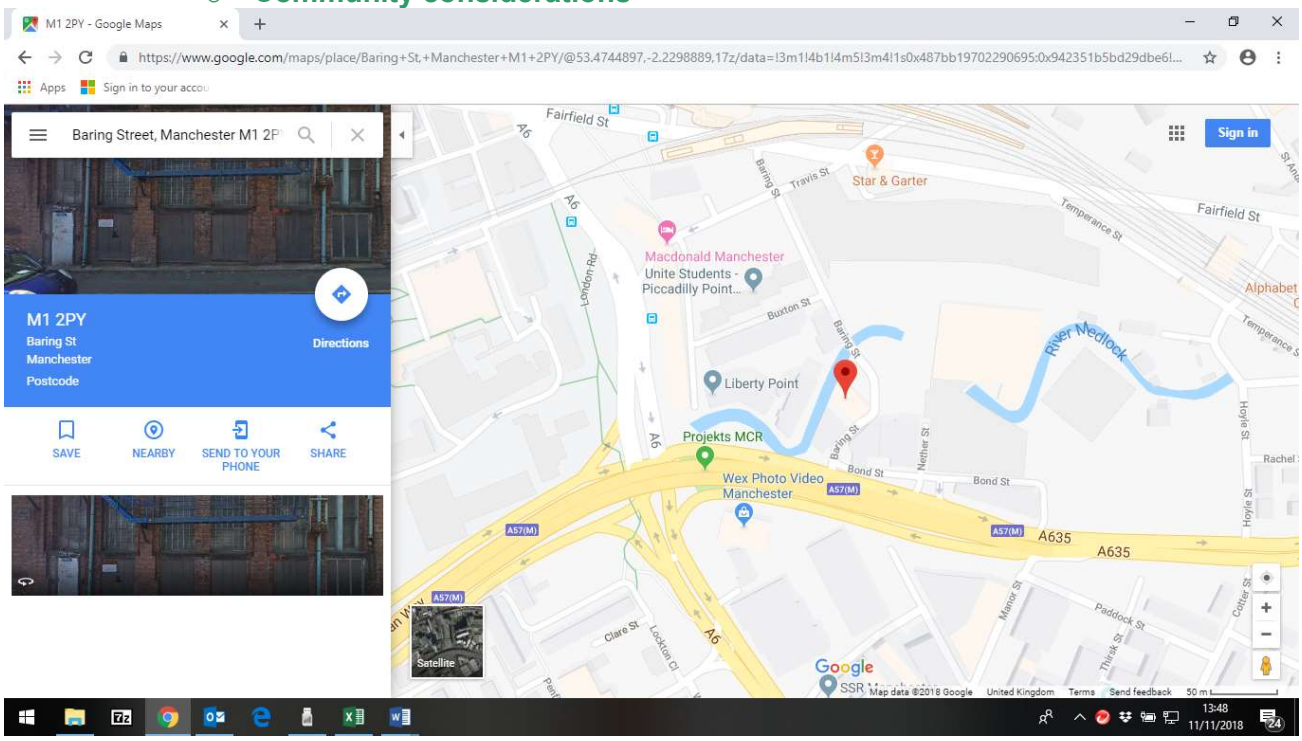
- The Traffic Management Act 2004
- The Red Book
- Traffic Signs Manual
- New Road and Street Works Act 1991
- Project location maps

2.2 Plan Context

Here you must insert three plans which must be printed A3 for site:

- **Regional plan (scale smaller than 1:15,000) showing:**
  - **Location of the project site in the context of main roads, cycle routes, water ways, railways and other key infrastructure**
  - **Freight delivery infrastructure (if applicable)**
  - **Not Applicable**
- **Local context plan (with a scale of between 1:2,000 and 1:300) showing:**
  - **Location of the site in the context of surrounding roads, footways, cycle routes and other infrastructure**
  - **Potential marshalling areas**

- Community considerations



- Site boundary plan (with a scale of between 1:500 and 1:1,000) showing:
  - The local context of the area with a fine level detail (OS data) as currently provisioned highlighting the extent of footways, other buildings, cycle lanes and even road markings.
- See appendix 1

2.3 Local Access (including highway, public transport, cycling and walking)

2.3.1 Highways, carriageways and footways.

Describe any adjacent highways, carriageways and footways or nearby roadways requiring extra attention, such as red routes. Include proposed traffic routes required during at any stage of construction.

- Baring street road closure to lift bridge and install bridge
- River Medlock, works are not within 100m of the water way. Environmental impacts must be considered
- Mancunian way (A57)M not effected, delivery traffic must be organised to suit low trafficked periods where ever reasonably practicable

2.3.2 Railway / Tramway

Describe nearby running lines and any necessary precautions to prevent disruption.

- Piccadilly train station is situated within 100m of the site works will not affect rail network
- Metro link is situated within 100m of the site works will not affect rail network

2.3.3 Bus Routes

Describe nearby bus routes and any necessary precautions to prevent disruption.

- **Major bus routes are to be considered to A6 and Fairfield way, routes will not be affected by the works but deliveries crane and demolition vehicles must be organised to suit low trafficked periods where ever reasonably practicable**

2.3.4 Cycling

Describe nearby cycle routes or hubs and any necessary precautions to prevent disruption.

- **Fairfield way cycle routes will not be affected by the works but deliveries crane and demolition vehicles must be organised to suit low trafficked periods where ever reasonably practicable**

2.4 Considerations and challenges

2.4.1 Local Policy

Outline any relevant local policy, such as a local authority code of construction practice.

HIGHWAY RESPONSE: -

The retention of the office, event and exhibition space is supported by Highways.

Whilst the demolition and installation works are acceptable to Highways in principle, it is recommended that prior to the commencement of the development a detailed construction management plan outlining working practices during development is submitted to and approved in writing by the local planning authority, which for the avoidance of doubt should include;

- Details of Wheel Washing;

www.manchester.gov.uk

- Dust suppression measures;
- Compound locations where relevant;
- Location, removal and recycling of waste;
- Routing strategy and swept path analysis;
- Parking of construction vehicles and staff;
- Community Consultation strategy;

2.4.2 Example: Schools, Hospitals

Detail any nearby notable building uses that require special attention and propose mitigation strategies.

- **Not applicable**

3.0 Construction Programme and Methodology

Detail any nearby notable building uses that require special attention and propose mitigation strategies. Add images of the programme if required. Information can be extracted from the Construction Phase Plan. Add/Delete elements as appropriate.

- See construction programme attached appendix 2
- See CP Plan for methodology

3.1 Site Setup and Demolition

Outline phase. Include any timings, plant, vehicles required and work description.

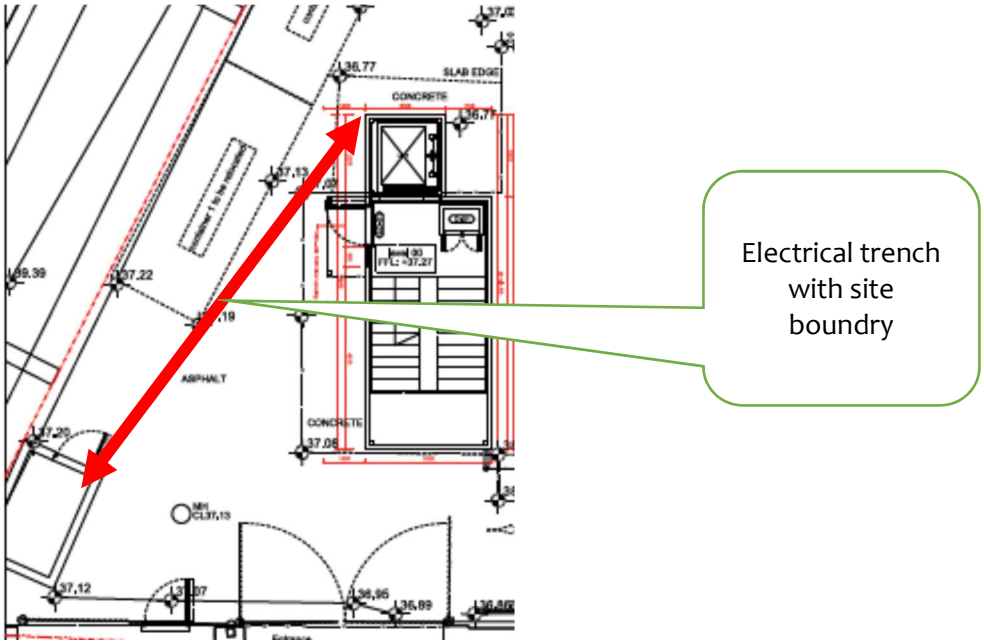
- All demolition works are to be contained within the site boundary and Mayfield depot roof, demolition traffic will access and exit the depot and site compound during low trafficked periods.

Task Name	Duration	Start	Finish
Demolition Notice	0 days	Fri 28/09/18	Fri 28/09/18
notice period	10 days	Fri 28/09/18	Thu 11/10/18
crash deck scaffolding	5 days	Wed 31/10/18	Tue 06/11/18
Demolition	10 days	Wed 07/11/18	Tue 20/11/18
remove crash deck	3 days	Wed 21/11/18	Fri 23/11/18

3.2 Excavations and Piling

Outline phase. Include any timings, plant, vehicles required and work description.

- The only excavation is limited to on site. Small trench from onsite substation to lift see below
- No piling works required



3.3 Sub-Structure

Outline phase. Include any timings, plant, vehicles required and work description

- **Not applicable**

3.4 Cladding

Outline phase. Include any timings, plant, vehicles required and work description

- **Cherry picker**
- **Scissor lift**

Task Name	Duration	Start	Finish
Cladding Install	25 days	Mon 10/12/18	Fri 25/01/19
Lightning Protection matt / rods	5 days	Mon 10/12/18	Fri 14/12/18
Lightning Protection	5 days	Mon 28/01/19	Fri 01/02/19

3.5 Fit-Out, Testing, Commissioning

Outline phase. Include any timings, plant, vehicles required and work description

- **Delivery of Cherry Picker 31/10/18, works over 3 weeks**
- **Scaffold wagon WC15/11/12**
- **Demolition vehicles to Mayfield Depot site entrance twice weekly skip exchanges WC 5/11/18**
- **CBR testing delivery of 13t excavator for kentledge WC12/11/16**
- **Crane rigged as per Traffic and pedestrian Management Plan Steel frame line and levelling steel delivery 26/11/18 works over 5 days, crane rigged 26/11/18**
- **Pickering's lift delivery 30/1/19**

4.0 Vehicle Routing and Access

This section should include the following plans (where applicable):

- Regional plan:
  - Strategic roads that are likely to be used to access the site.
  - Not Applicable
- Local plan:
  - Local area routing including turn back routes.
  - Local access roads may be required to be used for the last stages of a journey to site. specific access routes on the local roads should be identified. The connect to/from local roads to the strategic road network should also be shown.
  - Consolidation centres and vehicle holding centres.
  - See appendix 2 see TMP

Medium impact sites require a single plan scale showing the typical site layout. High impact sites require multiple plans at this scale showing the site layout during the different phases of construction. See appendix 3

- Site plan:
  - Local access to the site
  - Harding lines with access gates (vehicle, pedestrian and cyclist)
  - Pedestrian and cycle access and routes both into and on site
  - Loading areas
  - Lorry marshalling areas
  - Vehicle routing on site (including swept paths on site vehicle movements)
  - Crane location(s)
  - Potential areas of conflict
  - Parking (vehicle and cycle), loading and unloading arrangements

2 Strategies to reduce impacts

5.1 Delete medium/high impact planned measures checklist as required.

Medium impact site planned measures checklist	Committed	Proposed	Considered
Measures influencing construction vehicles and deliveries			
Safety and environmental standards and programmes	X		
Adherence to designated routes	X		
Delivery scheduling		X	
Re-timing for out of peak deliveries		X	
Re-timing for out of hours deliveries		X	
Use of holding areas and vehicle call off areas		X	
Use of logistics and consolidation centres		X	
Material procurement measures			
Offsite manufacturing			X
Re-use of materials on site		X	
Smart procurement		X	
Other measures			
Collaboration amongst other sites in the area			X
Implement a staff travel plan	X		

High impact site planned measures checklist	Committed	Proposed	Considered
Measures influencing construction vehicles and deliveries			
Safety and environmental standards and programmes	X		
Adherence to designated routes	X		
Delivery scheduling	X		
Re-timing for out of peak deliveries		X	
Re-timing for out of hours deliveries		X	
Use of holding areas and vehicle call off areas		X	
Use of logistics and consolidation centres		X	
Material procurement measures			
Offsite manufacturing		X	
Re-use of materials on site		X	
Smart procurement		X	
Other measures			
Collaboration amongst other sites in the area	X		
Implement a staff travel plan	X		

Measures influencing construction vehicles and deliveries

Safety and environmental standards and programmes
Outline measures that will be undertaken to adhere to FORS, CLOCS and other standards and programmes.

Considerate contractor's data
All delivery vehicle will be monitored and conform to the below contractual compliance:-

- Relevant contracts include CLOCS work related road risk clauses
- Suppliers informed

- For new contracts use of pre-qualification questionnaire to ensure suppliers compliant
- prior to award

Self-certification by supplier

- Issue and monitor responses

Follow-up through contracts

- Follow up on self certification forms not returned and non-compliant forms
- Check compliance against information held online
- Reminder to suppliers
- Make contact with supplier and agree
- remedial action
- Follow up on non-conformance reports received from on-site compliance checking
- Make contact with supplier and agree remedial action or take appropriate commercial action

Adherence to designated routes

Outline measures that will be undertaken to ensure vehicles arriving at the site location will adhere to routes designated in Section 4.

- Well signed access and egress routes
- Deliveries will be notified via delivery schedule to Site manager

Delivery scheduling

Outline the system that will be implemented to ensure deliveries to site are scheduled and recorded.

- All deliveries will be out of peak trafficked periods after between 9.30am and 3.00pm
- All subcontractor will be instructed and inclusion within orders that deliveries outside the above times will be turn away.
- Off road parking off Baring street can be used as a holding area as shown within the TMP
- An MCC banksman will be used at all times for all major deliveries. The banksman will be in charge of the holding are and will call out vehicles for this are when required

5.1.1 Material Procurement Measures

Off-site manufacture

Outline proposals for the use of pre-fabrication and off-site manufacturing of construction material.

- Main bridge structure will be manufactured off site
- Staircase extension will be manufactured off site
- Access lift will be manufactured off site

Re-use of material on site

Outline proposals for re-using material on site.

- All new materials throughout no reuse.

Smart procurement
Identify suppliers who have been recognised to implement measures in line with the CLP's objectives, such as reducing vehicle movements.

- Warrington Fabrications have agreed to a revised construction methodology limiting the requirement for road closures. GRUB shelters were removed and the land CBR tested to allow cranage of lift shaft and stair extension from within the site boundary
- P McGuiness have agreed to a revised construction methodology omitting the requirement for road closures. GRUB shelters were removed and the land CBR tested to allow cranage of lift shaft and stair extension from within the site boundary

5.1.2 Other Measures

Collaboration amongst other sites in the area
Outline proposed opportunities (if any) to collaborate with neighbouring construction sites, such as sharing holding areas.

- There is a small demolition site across Baring Street, we will coordinate major deliveries with the contractor.

Implement a staff travel plan
Outline the staff travel plan for staff and workers traveling to site.

- Subcontractors and staff have to car pool when coming to and from the site where ever reasonably practicable

6 Estimated Vehicle Movements

Use this section to outline the estimated movement of vehicles to site on a daily / monthly basis during the stages of the project as outlined in Section 3.0.

Construction Stage	Period of Stage	No. of trips (monthly)	Peak no. of trips (daily)
Site setup and demolition	Enabling works	25	3
Excavations and Piling	Enabling works	3	2
Steel Erection	superstructure	10	3
Cladding	Superstructure	40	4
Fit-out, testing, commissioning	Fit out / M and E	120	8