Prior to the commencement of alterations within Phase 1, a detailed construction management plan outlining working practices during development and including safe methods of working adjacent to the Metrolink overhead line equipment and other Metrolink infrastructure shall be submitted to and approved in writing by the local planning authority. For the avoidance of doubt the construction management plan shall include:

• Display of an emergency contact number;

Section 5.4.6 Site compound states This will be displayed on the site signage on the site compound fencing & in letters to residents & boat owners.

• Details of Wheel Washing;

Appendix 6 Environmental Impact & Aspects Register states in item 1.2, that wheel washing and damping down materials when dry is a mitigation against dust/emissions to air arising from vehicles, however no off-road vehicles are proposed to be used nor excessive dirt/debris to affect air quality from this source.

• Dust suppression measures;

Section 9.2 Air quality details mechanical preparation of steelwork within the piers will be undertaken with material screens & Hilti dust extract systems in place

• Compound locations where relevant;

See Appendix A MCCCL car park – site compound plan

• Location, removal and recycling of waste;

See Appendix A MCCCL car park – site compound plan

All waste skips will be located in the site compound on the MCCCL car park – Appendix A

• Routing strategy and swept path analysis;

Vehicles will access the MCCCL car park via the ramp from Albion St - see Appendix A

No effect on the public highway

• Identification of the vehicular access points into the site;

MCCCL car park accessed via the ramp from Albion St see Appendix A

MCC Area 7 from Duke St Bollards - see Appendix A

MCC Kenworthy from Duke St/Castle St Bollards - see Appendix A

Spans 6-8 car parks via Potato Wharf see Appendix A

• Loading and unloading of plant and materials;

Concrete Pumping Spans 1- 5 from MCCCL car park via the ramp from Albion St see Appendix A

Concrete Pumping Spans 6- 8 from private car parks via Potato Wharf see Appendix A

Lift plans for offloading & loading of small welfare unit & 3m site stores

• Storage of plant and materials used in constructing the development;

See Appendix A MCCCL car park – site compound plan

3m site stores

• Parking of construction vehicles and staff;

See Appendix A MCCCL car park – site compound plan

• Sheeting over of construction vehicles;

Undertaken by Waste Disposal Contractor – Safety Kleen Ltd section 9.2 Air quality

• Dilapidation survey with photographs and commentary

To be undertaken jointly with National Trust upon contract award 2.2.4 Project stages.

• Engagement with Metrolink;

Section 2.3 Services and isolation points

Liaison with Keolis/Amey

Blue Form in place

Daily contact as required

• Works affecting Metrolink infrastructure;

Section 2.3 Services and isolation points

No works over or affecting the operation of the Metrolink

• Protection of Metrolink equipment;

Not applicable

• Monitoring and mitigation measures to Metrolink infrastructure

Section 2.3 Services and isolation points

Blue Form in place & observance of Metrolink Safety Rules

• Retention of 24 hour unhindered access to Metrolink equipment;

As shown in Appendix A Site Compound Plan – yellow area

• Construction and demolition methods to be used, including details of the use of lifting equipment or cranes (which shall not over .sail the tramway or overhead line equipment);

No demolition

No oversailing the Metrolink Tramway. Section 2.6 Plant movement & interfaces

ACCESS METHODS:-

Industrial rope access, work restraint & mobile elevated work platforms MEWPs will be used as the main methods of access which will ensure that the security of the structure is not compromised, minimise the operational footprint and minimise the global risk (relative to scaffolding). The method for this will be/is set out in the RAMS.

CONSTRUCTION METHODS & SEQUENCE
The method for this will be/ is set out in the RAMS.

Concrete Infill Option
- **Mobilise - Set Up Compound including welfare, storage & fencing**
- **Set up Topside Rope Access & Rescue Equipment including davit arm/s & tripods /quadpods**
- **Remove deck plates on an as required basis**
- **Install suitable temporary fencing & notices**
- **Set up work base areas [on a daily basis]**

Truss Beam Ends
- **Remove all rust & debris of existing beam ends**
- **Inspection of Truss Beam Ends with Arup Engineer**
- **Measure up Supplementary stiffeners [Detail A] Span 7**
- **Supply & Coat [E1] Supplementary stiffeners [Detail A] Span 7**
- **Install Supplementary stiffeners [Detail A] Span 7**
- **Supply, Spray Coat [E1] & Install 24 Angle Brackets [Detail B] Spans 3, 4 & 5**

Truss Support Boxes
- **Local ballast, vegetation & deck plate removal.**
- **Clear debris prep to ST3, remove 8 no. corroded sections of web plates mini sand blasting with suitable localised protection wherever possible or use needle guns, electric bristle brushes & hand operated systems**
- **Inspection of Truss Support Boxes with Arup Engineer**
- **Painting - Truss Support Box locations [following ST3 Preparation] Arup E1 Spec airless spray wherever possible or use hand application**
- **Install External Formwork**
- **Install Internal Formwork, Steel Mesh & Thru Bolts & 30mm holes in solid diagonals**

- **Supply & Install Concrete Infill – pumping**
- **Remove Formwork & Install Hydrophilic strips**
- **Pier Heads**
- **Brush down rust & other debris to pier heads**
- **Re-instatement of Deck Plates to Truss support locations**
- **Demobilise site set up & compound**

• The erection and maintenance of any security hoarding (please note this may require an electrical isolation of the Metrolink overhead wires); and

Not applicable – no hoarding will be erected

• Communication strategy with residents that shall include details of how engagement, consultation and notification of residents during the works shall take place.

Section 7.5.3 External communications and managing neighbours- other stakeholders (e.g.adjacent building occupants, neighbours, interest groups etc.

Letters from National Trust for boat owners & residents via building agents

• Detailed measures for protection and prevention of pollution to the adjacent canal

Section 9.13 Waste: No materials such as guano, soil or rust products to be allowed into the gutters that discharge directly into the canal, all double bagged for removal.

Localised sheeting installed into the pier heads and dust extraction used for all steel preparation works and concrete pumping works.

Spill kits on site for all works.