

Methodology of Hoarding Installation along Canal Boundary

Summary

This document provides a summary of the works required to be undertaken to remove the current boundary wall between the Rochdale Canal and the Manchester Digital Campus, Including the Methodology proposed to complete the works.

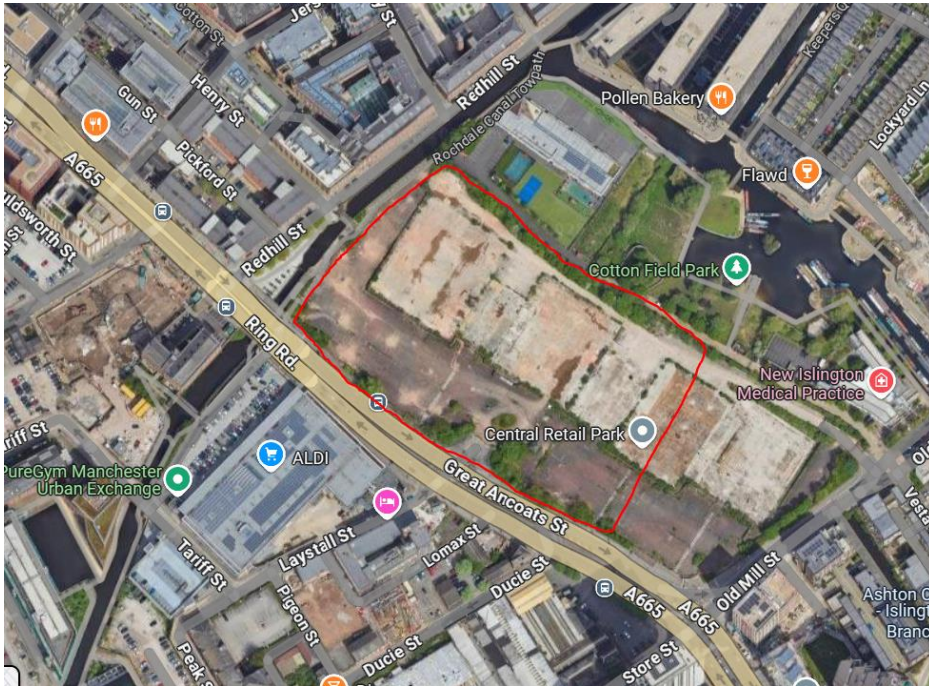
The existing boundary wall will be replaced by a 3m Hoarding system to ensure the Rochdale Canal is screened from construction works on the Manchester Digital Campus Site throughout programme of works.

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Site Location

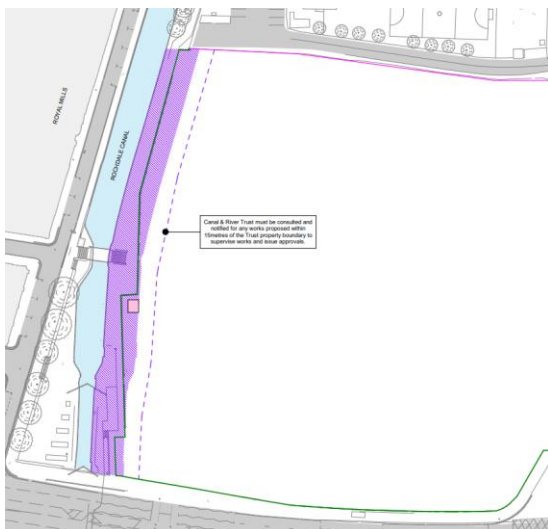
The Work is currently in enabling works phase of the Project. The Site Address is on Great Ancoats St .



Snippet from google Maps- Red Line in rough guide to site boundary

Link to approx. centre of development of what 3 words is- <https://w3w.co/cargo.theme.buddy>

Shared Boundary between Site and Canal Towpath



Snippet Taken from drawing No. MDCX-ATR-EW-XX-DR-A-00004

The Manchester Digital Campus Site and the Rochdale Canal share a boundary. The existing boundary wall will be removed and replaced by the 3m Hoarding System provided and installed by Hoard-It. The green line in the snippet above shows the line of the existing boundary wall.

Existing Boundary Wall

The existing boundary wall is made up of bricks and railings. Images below show the existing boundary wall.



Image 1 of Boundary wall.

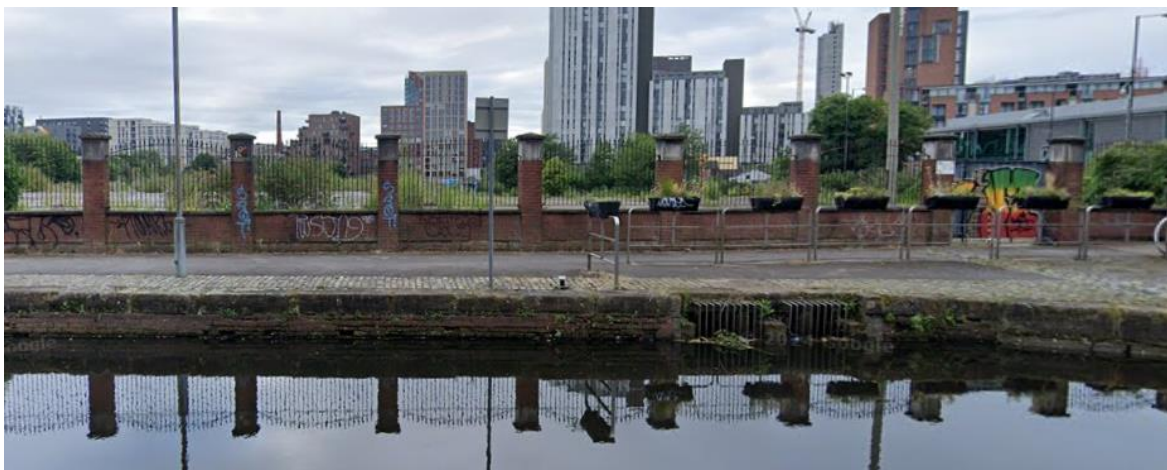


Image 2 of Boundary wall

Hoarding to be installed

The hoarding installed is 3m Hoarding from Hoard-it. Design and temporary works checked have been completed to ensure the suitability of hoarding and adequate ballast weight applied. Note – These will be provided in supporting documents.

Images below show the front of the hoarding which will be visible from the Canal towpath. The colour of this is to be determined and comes in over 100 colours and both the panels and uprights are painted.

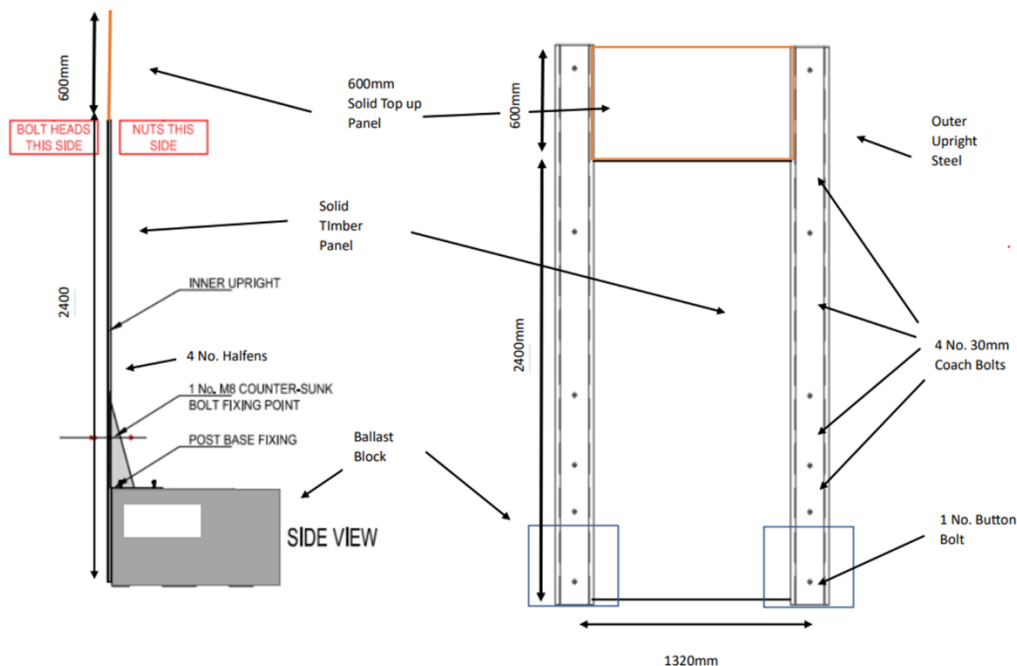


Image of Hoard-It system on site. (Note – This is 2.4 option a 3m system will be used on all boundary of Manchester Digital Campus Development)



Image of Hoard-It System from the back. The weight applied to the back is determined within the design. Note- These are provided in the supporting documents.

Basic Detail Sketches of Hoarding.



Sketch above is standard detail of the 3m Hoard-It System.

Methodology of works

Following approval of the works and 4 weeks' notice being given to Canal and Rivers Trust.

1. The first activity will be to place chapter 8 signs. As we will be reducing the width of the footpath by 1m.
2. We will place Heras panels 1m from existing boundary wall, These Heras Panels have debris netting placed on them to prevent any material entering the Canal.
3. Heras panels will have blocks supporting them and Temporary works checks completed to ensure there is no risk of them falling over.
4. Within our site, PPOC engineers will mark up a plant exclusion zone. This will be 1.5m from the Towpath wall. No plant will go within 1.5m of Towpath.
5. Once towpath fencing is in place, we will begin removal of existing wall- This method to remove the wall will be to focus on 30m sections each day. Removing first the metal railings before removing the upper aspects of the wall using the excavator the pull the wall into the site. The Final 4 course of brick will be removed by hand using small tools to break free ensuring the towpath receives no damage. Material will be placed in dumper to be transported to skips within the site.
6. Following the Removal of the wall a layer of 100mm of Type 1 material will be used to provide a level area to place the hoarding, including for the ballast block.
7. To avoid multiple work faces in a small area. Removal of the existing wall will take place in advance of hoarding installation. Durations will be 1 week to remove wall and place Type 1 Material. Following week Hoard-IT will install hoarding this will also take 1 week to completed as Hoarding installation team can complete 30m per day.

8. Hoarding Install will be as per Hoard-It Safe system of work. (Hoard-It safe system of work included in supporting documents)
Brief summary of hoarding Install. Blocks are placed at 1.32m intervals, uprights are attached to the blocks and finally boards are attached to uprights. The methodology ensures the no risk of items of hoarding entering canal. It also ensures that's telehandler used to lift the blocks and uprights does not need to enter the plant exclusion zone.
9. Following Installation of Hoarding the towpath will be cleaned and cleared of any material from the construction works including the Heras panels.
10. Following removal of final Heras panels and cleaning we will remove the chapter 8 signs.

Material removed from wall will be sent down waste routes in which the material we be reused.

Line of Hoarding is to be placed in same location of existing wall so width of towpath will remain the same width throughout length of closure.

We currently have completed the Design and Temporary works specifically for the site. With RAMS completed for he works.

Supporting Documents

PPOC Method Statement and Risk Assessment

Hoard-It Method Statement

Hoard-It Risk Assessment

Hoard it Temp Works Design

Hoard-It Design and Loading Calculations.

Drawing of Typical section of works undertaken