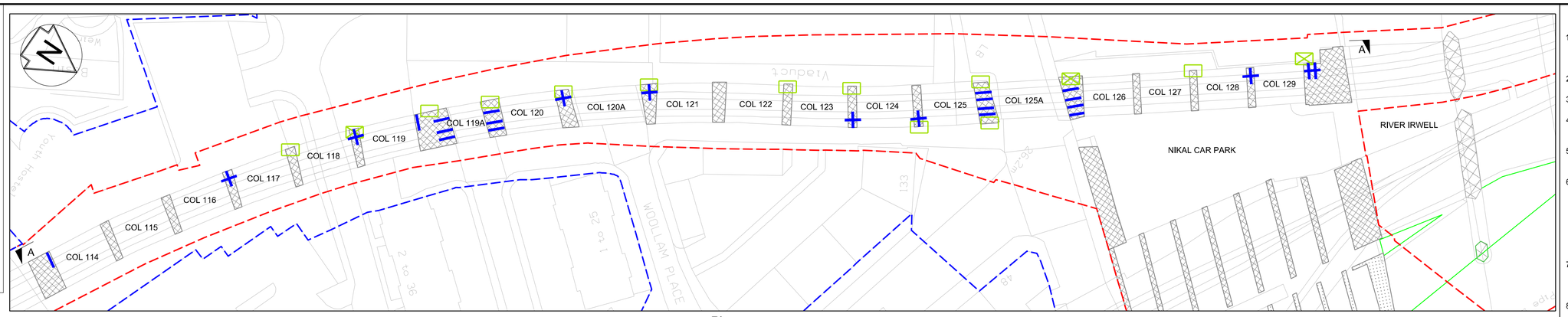
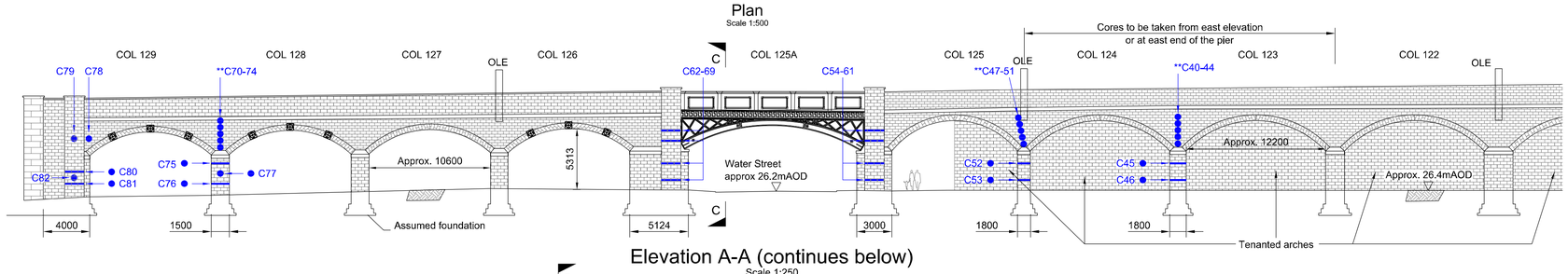
Drawing Number
NHE_127523-2405-OCD-00-DDR-C-001007 P01.1



Plan
Scale 1:500



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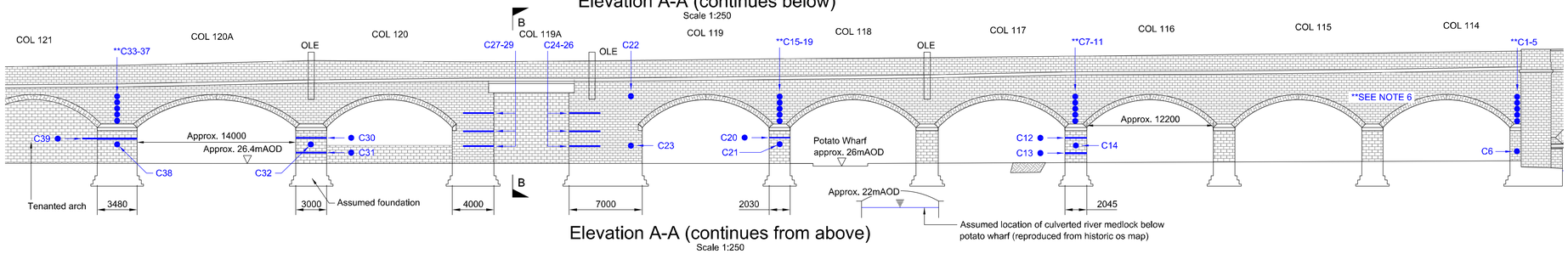

Elevation A-A (continues from above)
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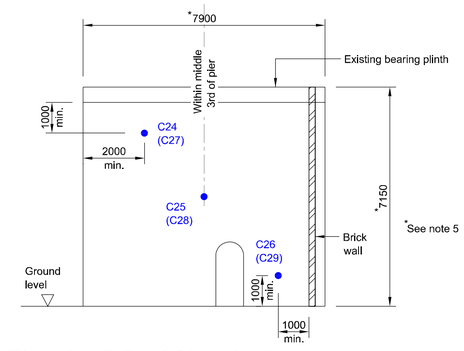
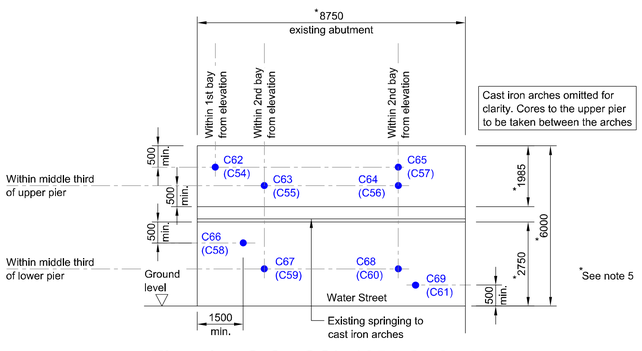
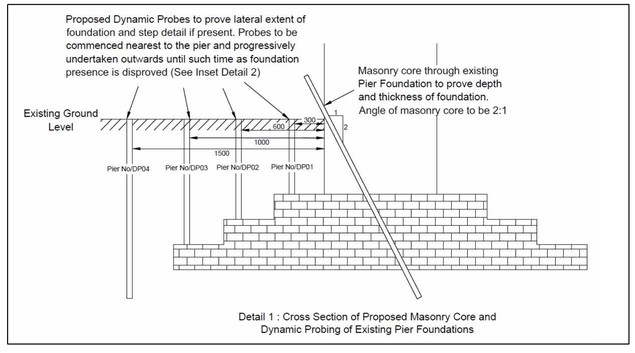


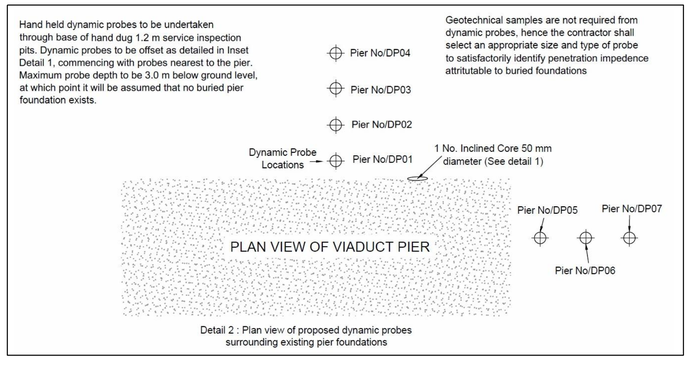
Elevation B-B - COL 119A Deansgate Pier
(Salford Pier similar but handed)
Not to scale



Elevation C-C - COL 125A Salford Pier
(Deansgate Pier similar but handed)
Not to scale



Detail 1 : Cross Section of Proposed Masonry Core and Dynamic Probing of Existing Pier Foundations



Detail 2 : Plan view of proposed dynamic probes surrounding existing pier foundations

0 10 20 30 40 50m
SCALE 1:500

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Legend/Notes

1. This drawing shall be read in conjunction with Ordsall Chord statement for listed building consent (LBC) application for intrusive testing to Castlefield Viaduct (COL), grade 2 listed
2. Do not scale from this drawing
3. OLE shown indicatively only
4. Contractor to carry out full service search prior to investigation works. Usual precautions to be implemented prior to coring e.g. cat scan
5. Contractor to measure and confirm dimensions with '*' on site and include the site measurements in the Structural Investigation Report.
6. The horizontal cores to the viaduct elevation are specified to determine the backing level, fill/backing material, back of spandrel wall details/profile, masonry condition and the presence of any voids. SKB have a preference to determine the back of spandrel wall profile with trial holes from track level. Depending on the trial hole results, the number of these cores could be reduced to a minimum of 2 cores below the confirmed backing level to determine the masonry condition and backing material.
7. The reinstatement proposal of the intrusive investigation is detailed in the statement for listed building consent (LBC) application for intrusive testing to Castlefield Viaduct (COL), grade 2 listed
8. Compressive strength tests of the masonry is to be undertaken at the same location of the cores. Details to be confirmed

Key to Symbols

- AMM proposed core location
- AMM proposed core location
- Hand dug inspection pits at ground level with dynamic probing array to determine extent of structural foundation and masonry core through existing pier foundation to prove depth and thickness of foundation (see details 1& 2.)
- Machine dug trial pits to explore structural foundations

Rev	Date	Description of Revisions	Drawn	Chkd	Appr
P01.1	25/04/14	First Issue	RT	DT	PC

Status: Initial Status WIP
Suitability: S0

NetworkRail

Authorised		Signed	Date

Contractor(s): Skanska Construction UK Ltd

Location: ORDSALL CHORD

Type: CAD Drawing	Sub-type: General Arrangement
Role: Civil Engineer	Sub-Role: General
Zone: None	
Phasing	Grip Stage: 0

Project: Northern Hub and Electrification

Contract No.: 127523

Contract Title: Central GRIP 2 to 8

Drawing Title: Ordsall Chord - Consents Proposed. Castlefield Viaduct (COL) Intrusive Investigations Coring & Trial hole Locations

Designed	B.Chan	Signed	Date 01/05/14
Drawn	R.Taylor	Signed	Date 01/05/14
Checked	D.Tootell	Signed	Date
Approved	P.Crimes	Signed	Date

Scale(s): As Shown
ELR & Mileage: 190.011 to 190.1166
Alternative Reference
Sheet of

Drawing Number: NHE_127523-2405-OCD-00-DDR-C-001007
Revision: P01.1

Sheet Size A1 594 x 841