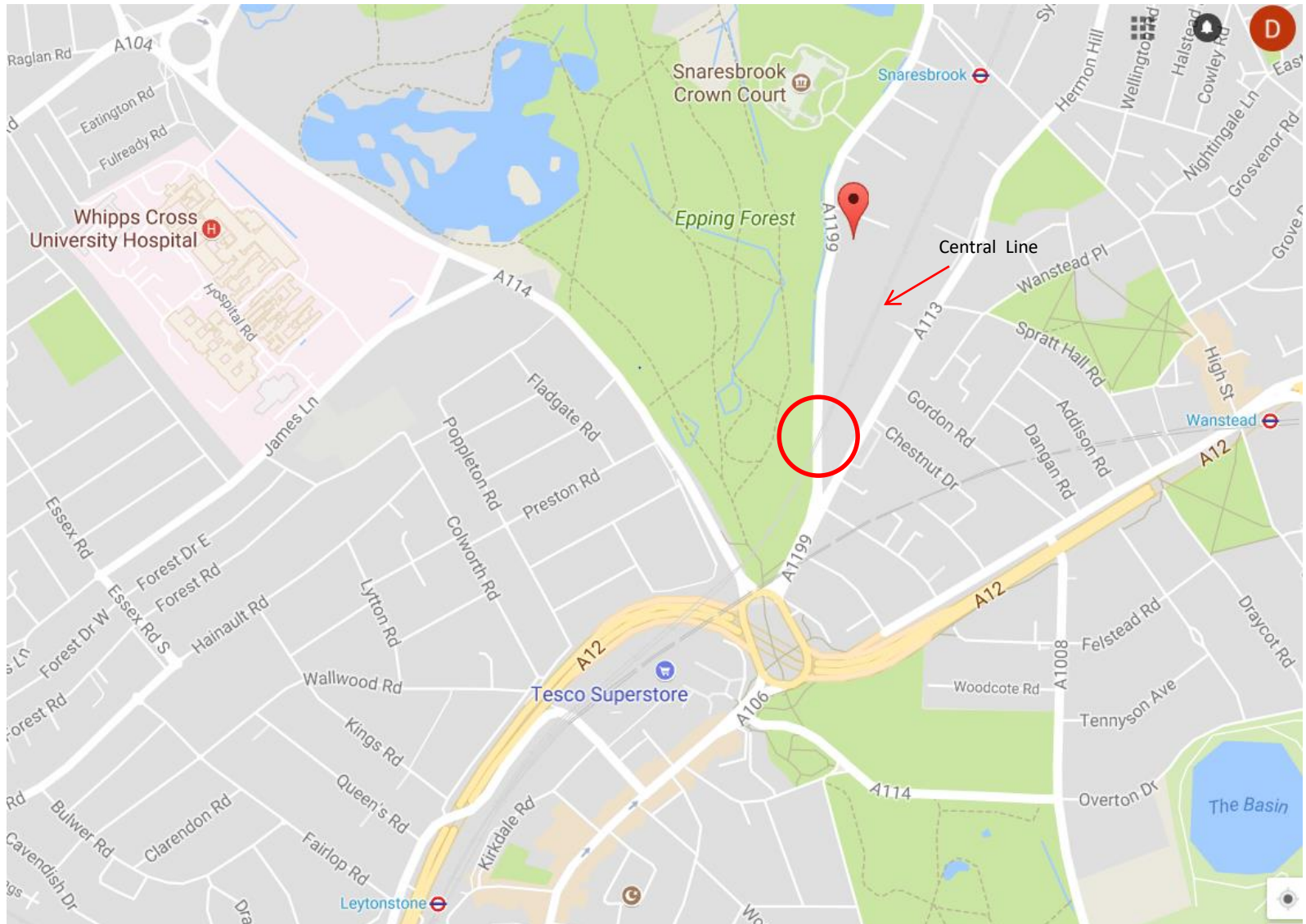
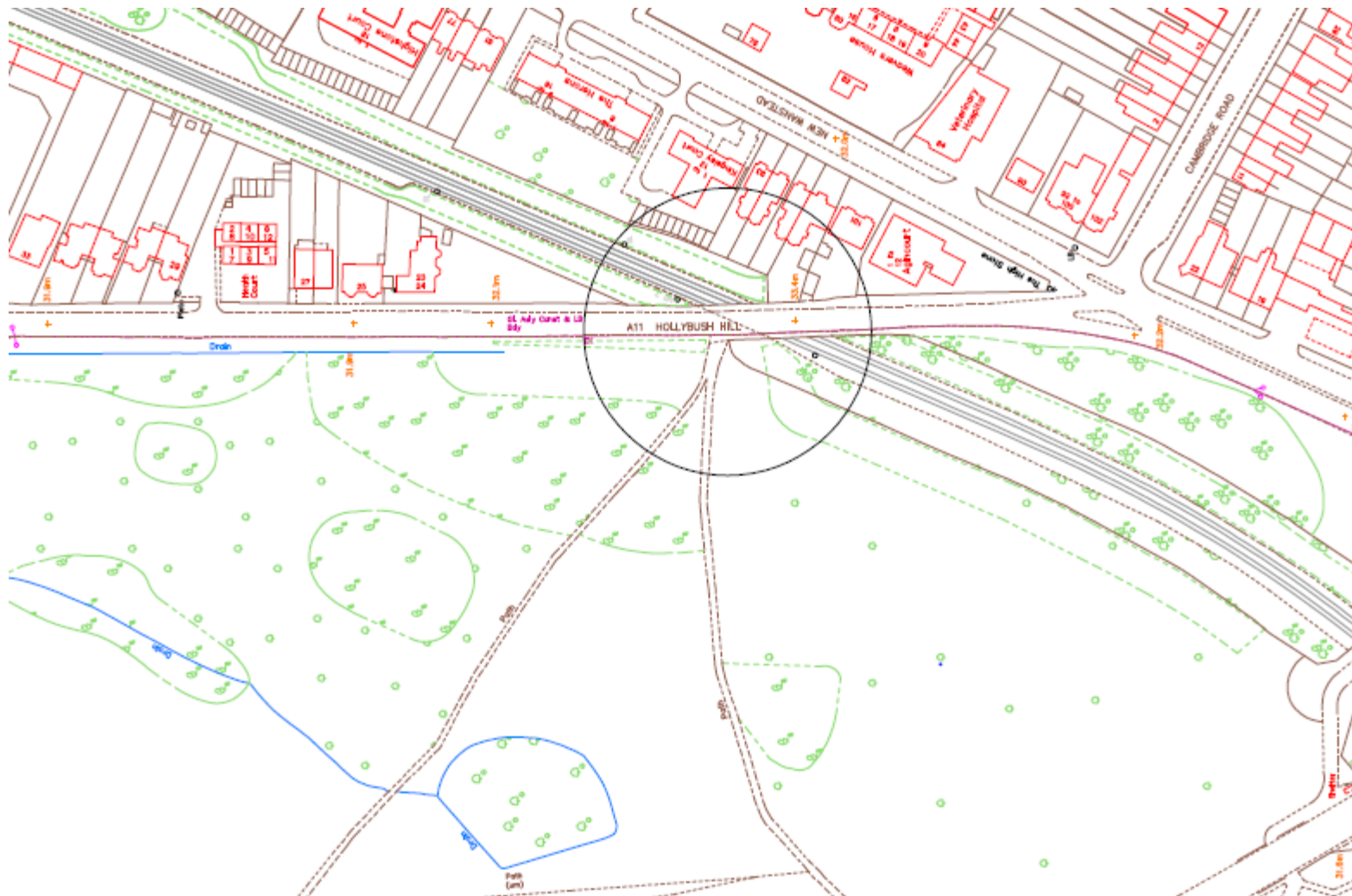




# HOLLYBUSH HILL BRIDGE PARAPET STRENGTHENING

David Kitching MSc CEng MICE DIC FGS  
Managing Director





## **HOLLYBUSH HILL BRIDGE**

Client – London Borough of Redbridge

### Statistics

Bridge Span – 23.940m  
Parapet length – 51.9m each side  
Parapet thickness – 350mm  
Parapet height above pavement – 1525mm  
Pier thickness – 450mm







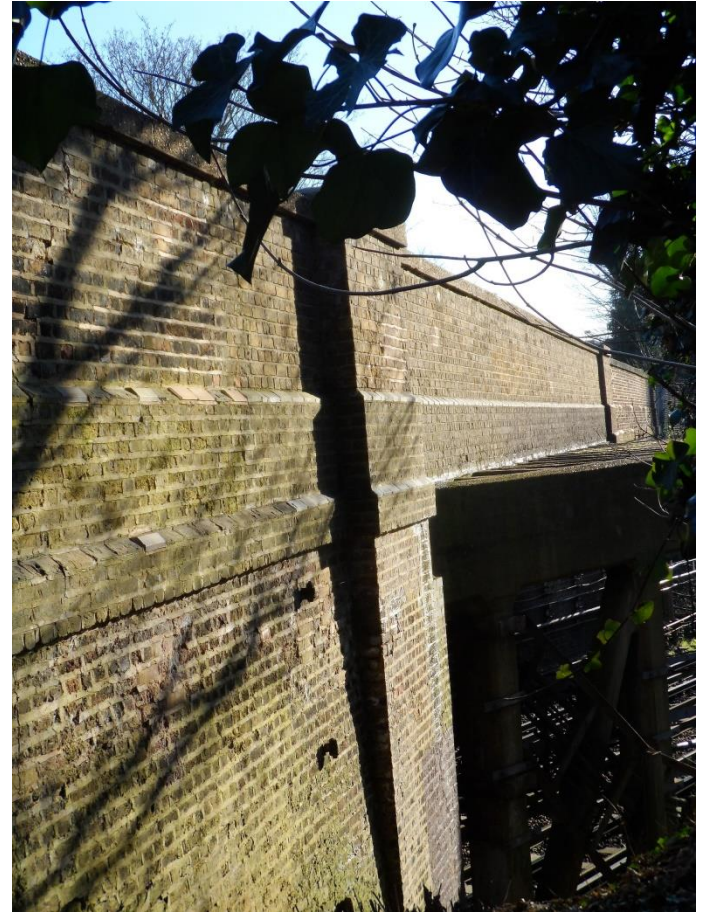


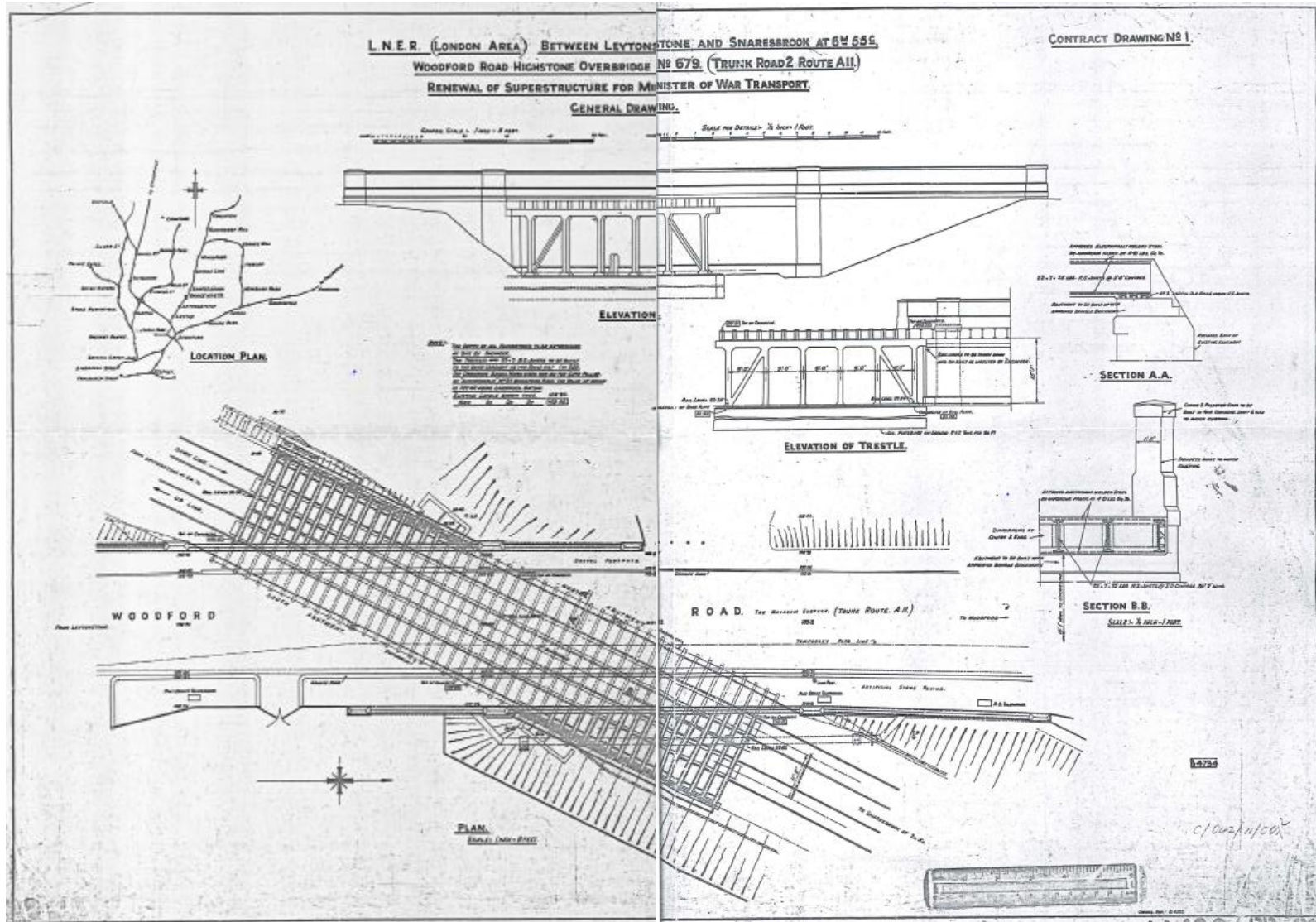




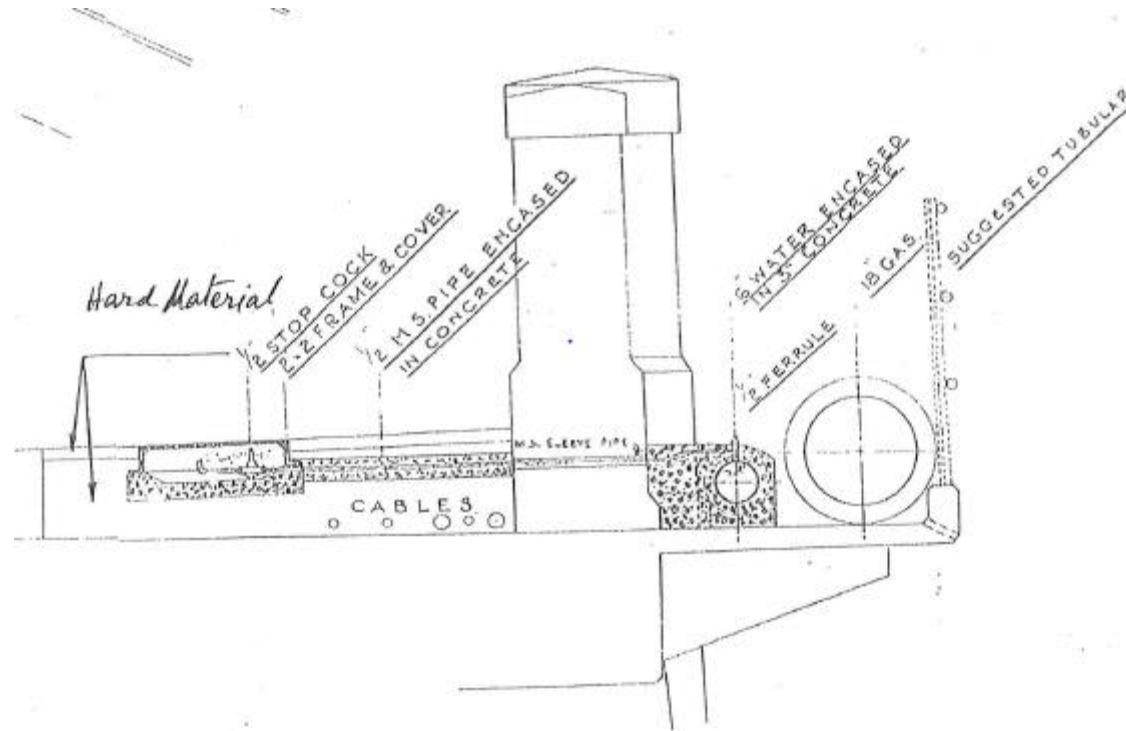








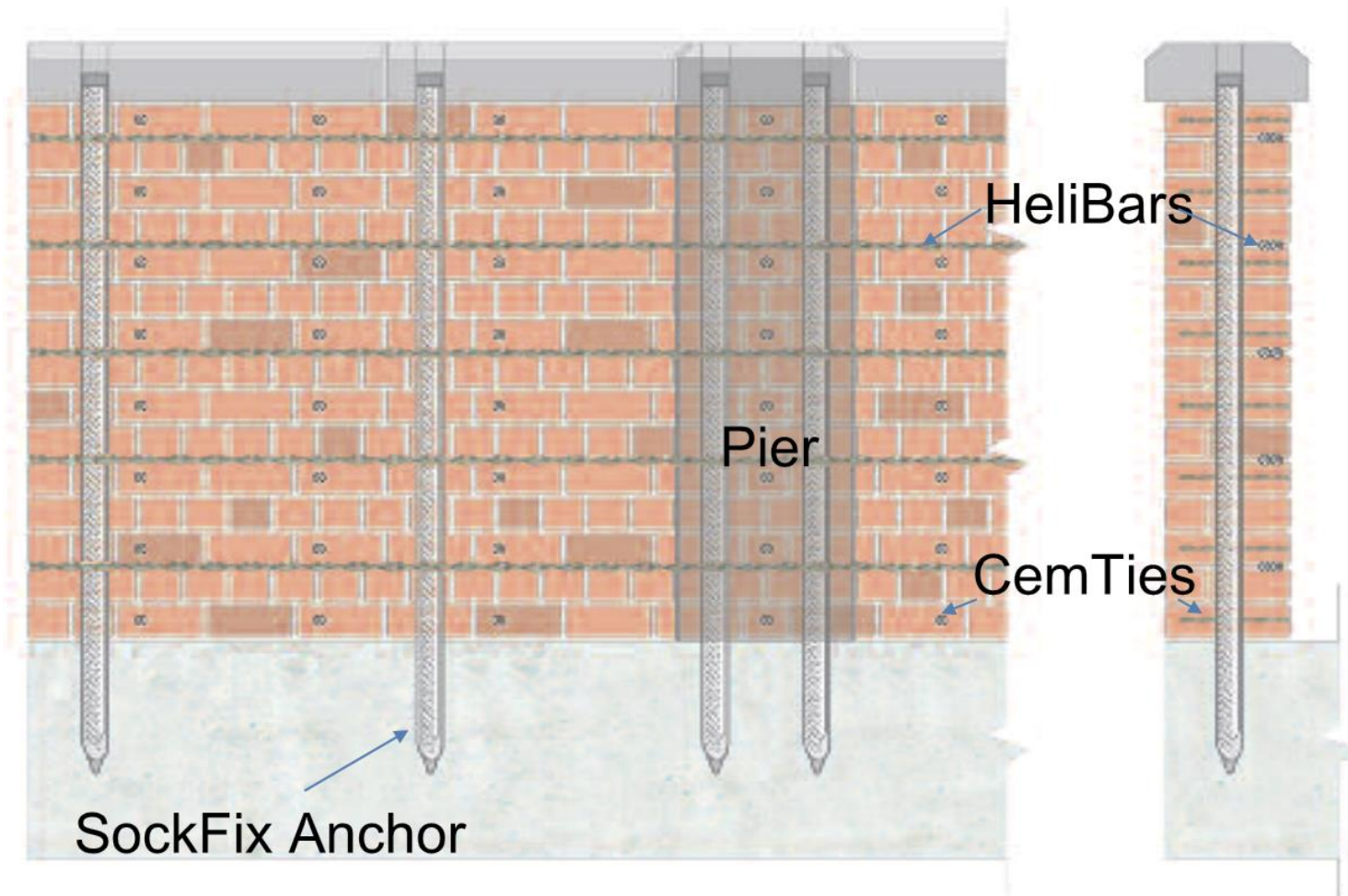


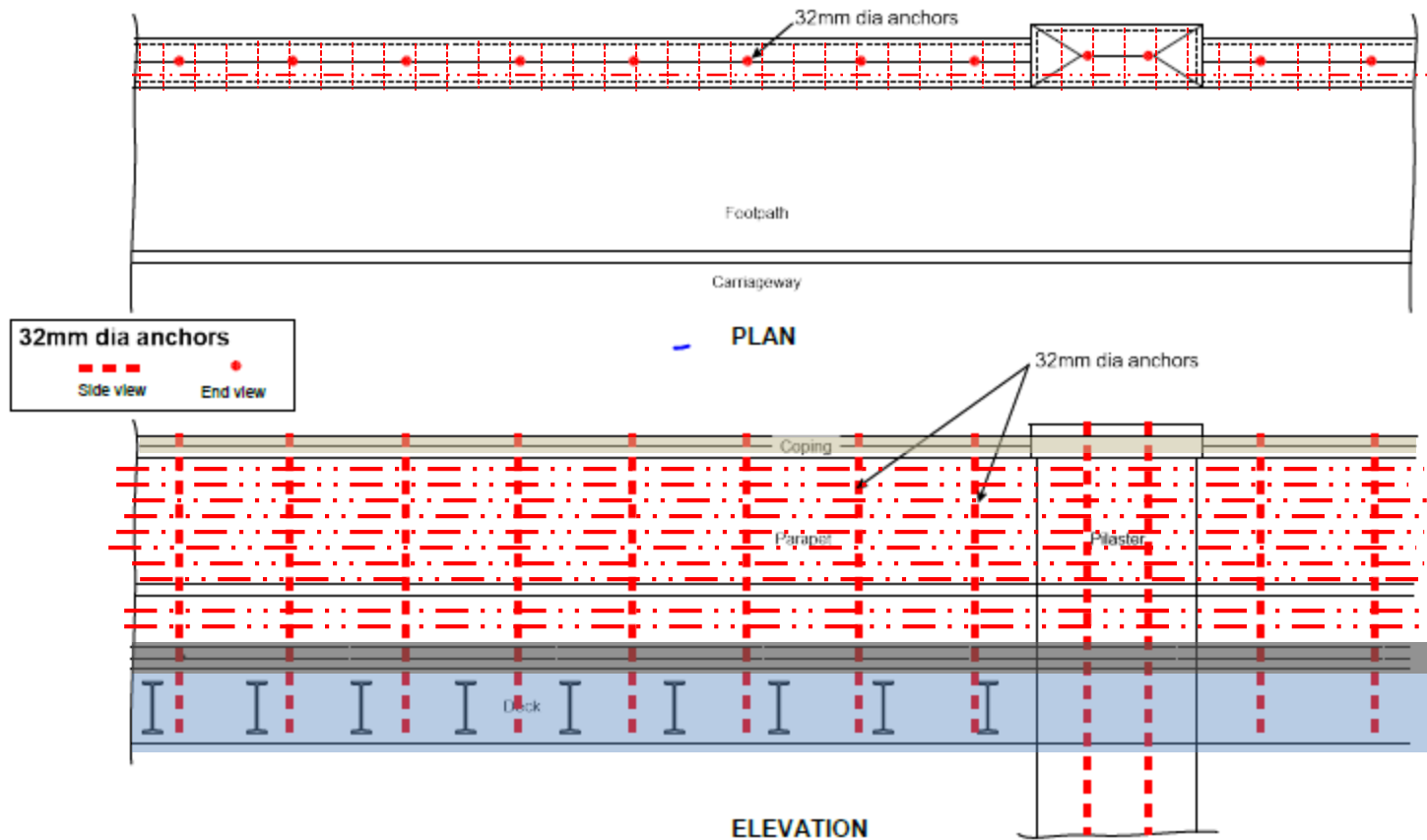






# Parapets – The Goldhawk Solution - The PARS System





Goldhawk Bridge Restoration Ltd  
Can Build House  
Bristol Way  
Slough SL1 3QE  
Telephone: 01753 516755

CLIENT: LONDON BOROUGH OF REDBRIDGE

TITLE: HOLLYBUSH HILL BRIDGE PARAPETS

DRAWN: REF

CHECKED: DK

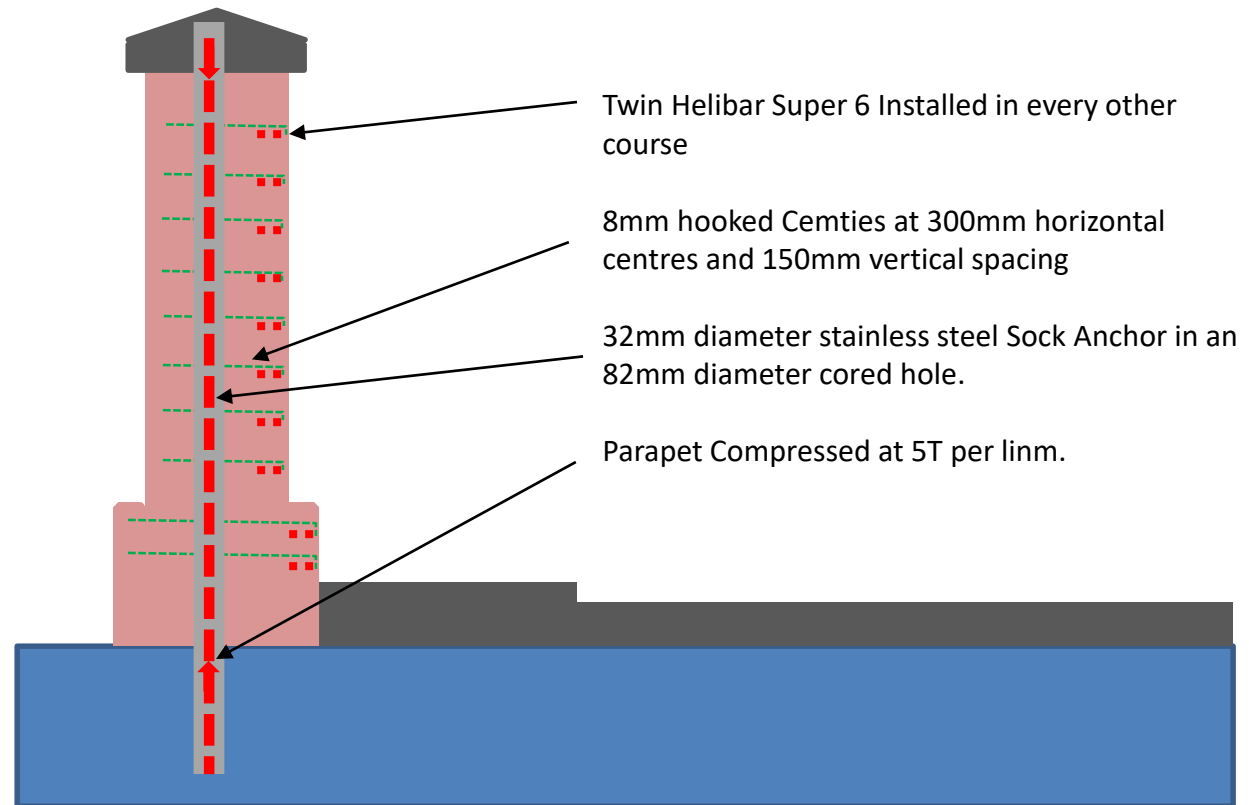
NTS

DRAWING NO:

**P1001/01**

Sept 2016





HOLLYBUSH HILL – Parapet Strengthening (PARS)



What are the basic issues that need to be considered when planning a parapet strengthening contract?

- ACCESS
- REQUIRED TRAFFIC MEASURES
- TRAFFIC & PEDESTRIAN DISRUPTION TO MOVEMENT
- POTENTIAL DISRUPTION TO SERVICES
- SITING OF WELFARE & PARKING
- COST
- DURATION

















32mm diameter Sock Anchors – tensile capacity 32.7T, shear capacity 21.7T













**GOLDHAWK**

Bridge Restoration











# QUESTIONS

[www.goldhawkbr.co.uk](http://www.goldhawkbr.co.uk)