

Drawing of the universal beam's and piers position

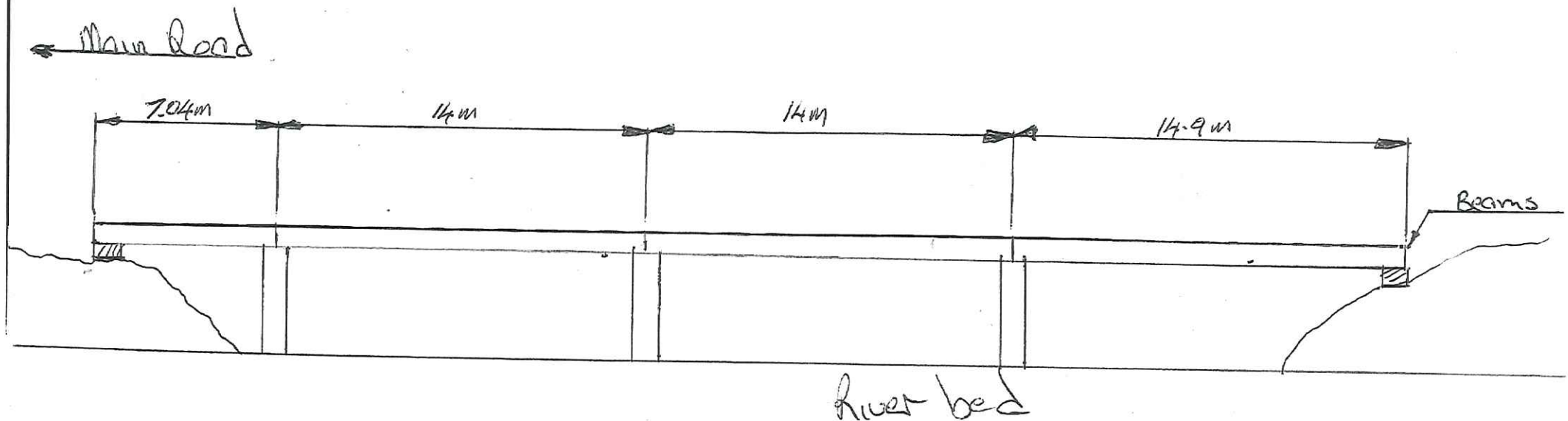
There are two sets of universal beams running the length of the bridge and are they are 0.52m apart and are supported on 3 piers along with the end concrete blocks

The distance from the river bed to the bottom of the beams varies between 2.4 to 4.1m

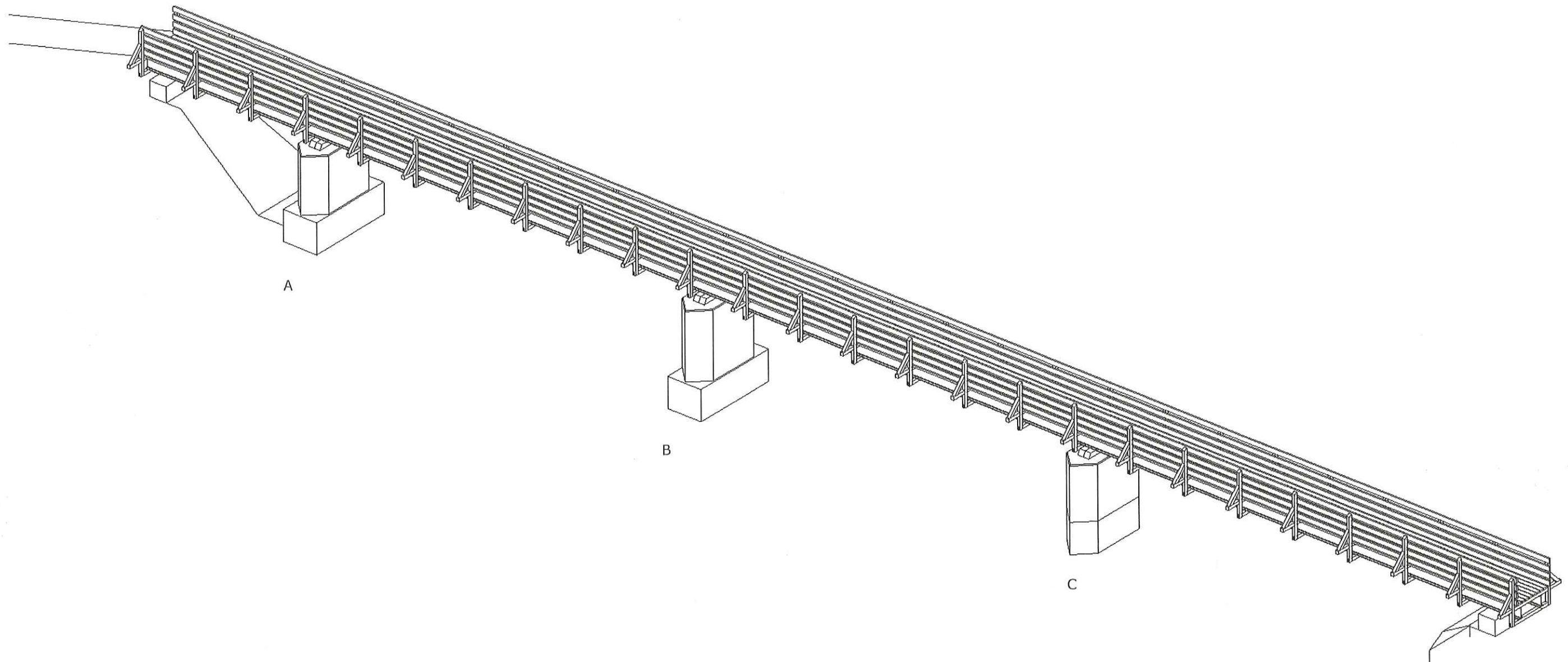
The universal beam's dimensions are 0.171m x 0.356m and the following lengths.

4 x 14m, 2 x 14.9m and 2 x 7.04m

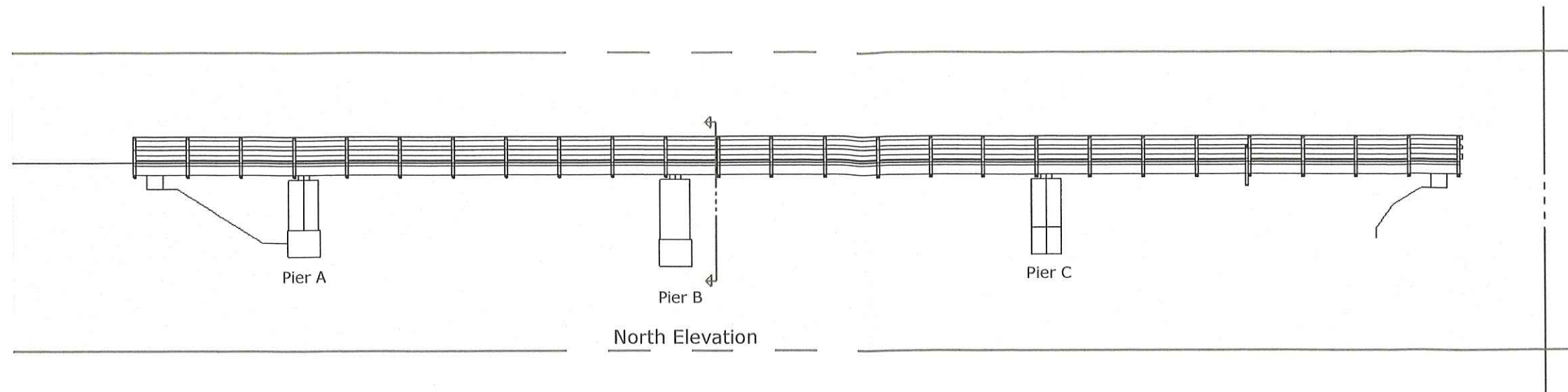
There is a concrete block at either end of the bridge that the beams are secured to (see pictures)



GRUDIE BRIDGE.

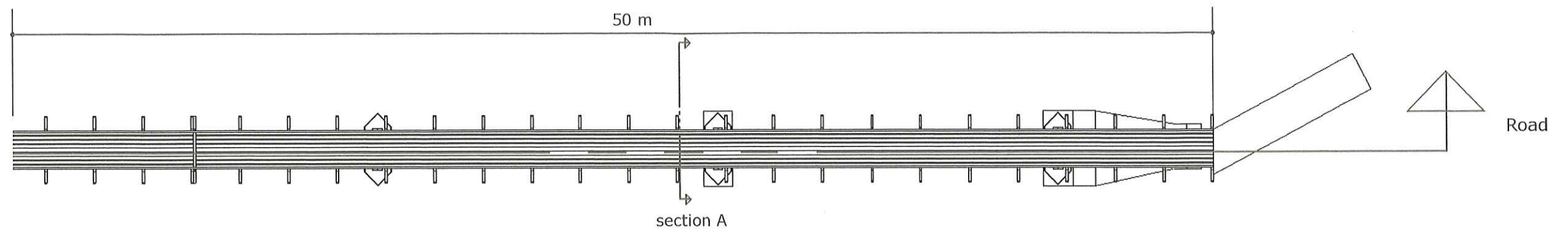


Road
East



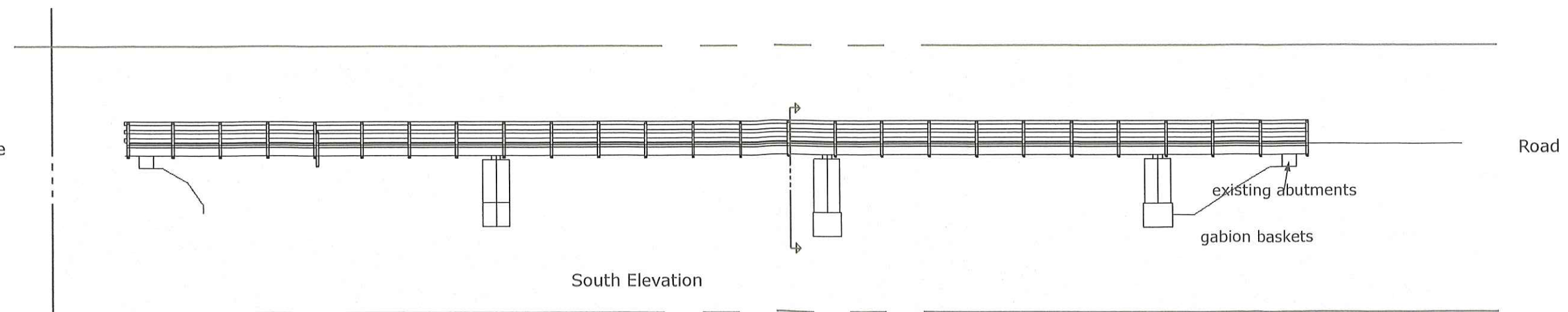
North Elevation

Cottage



Plan

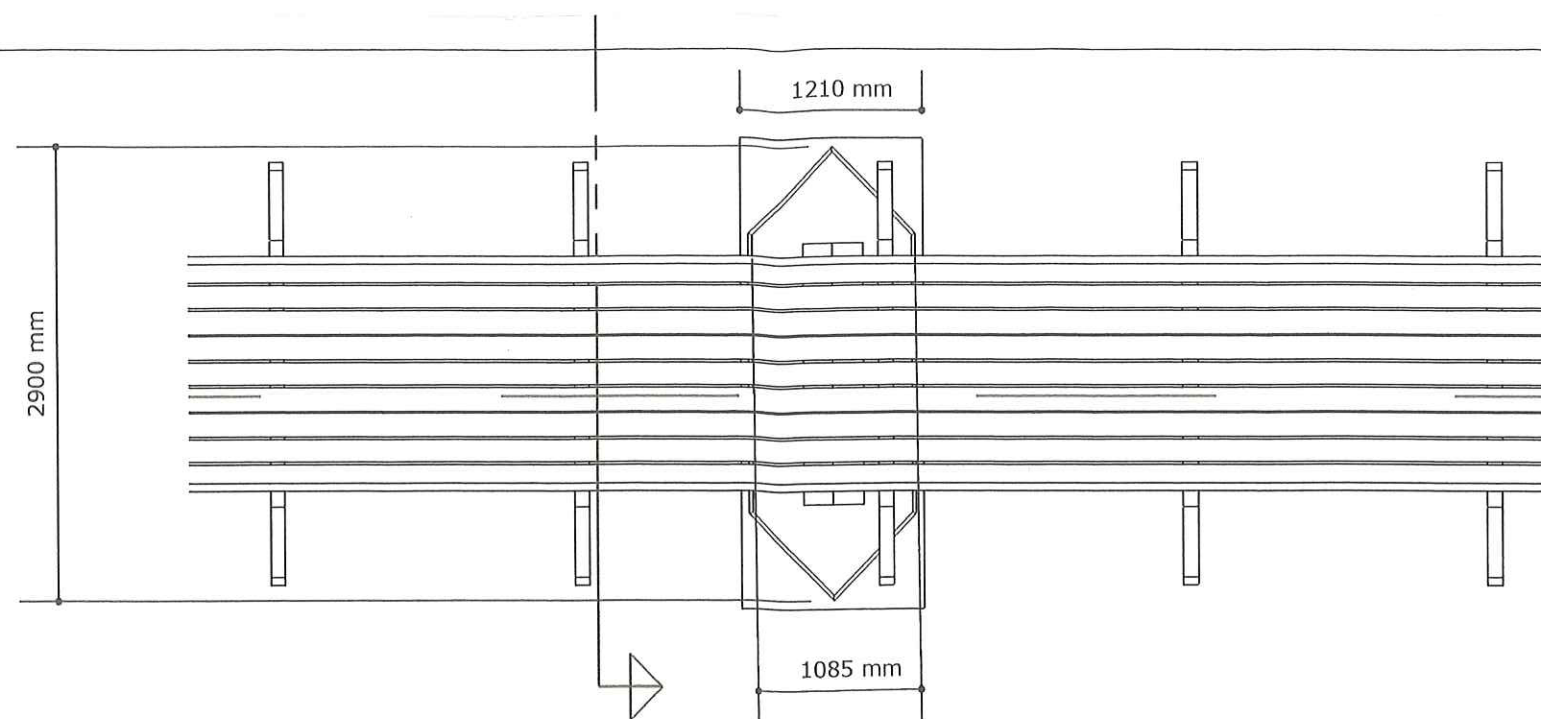
Cottage



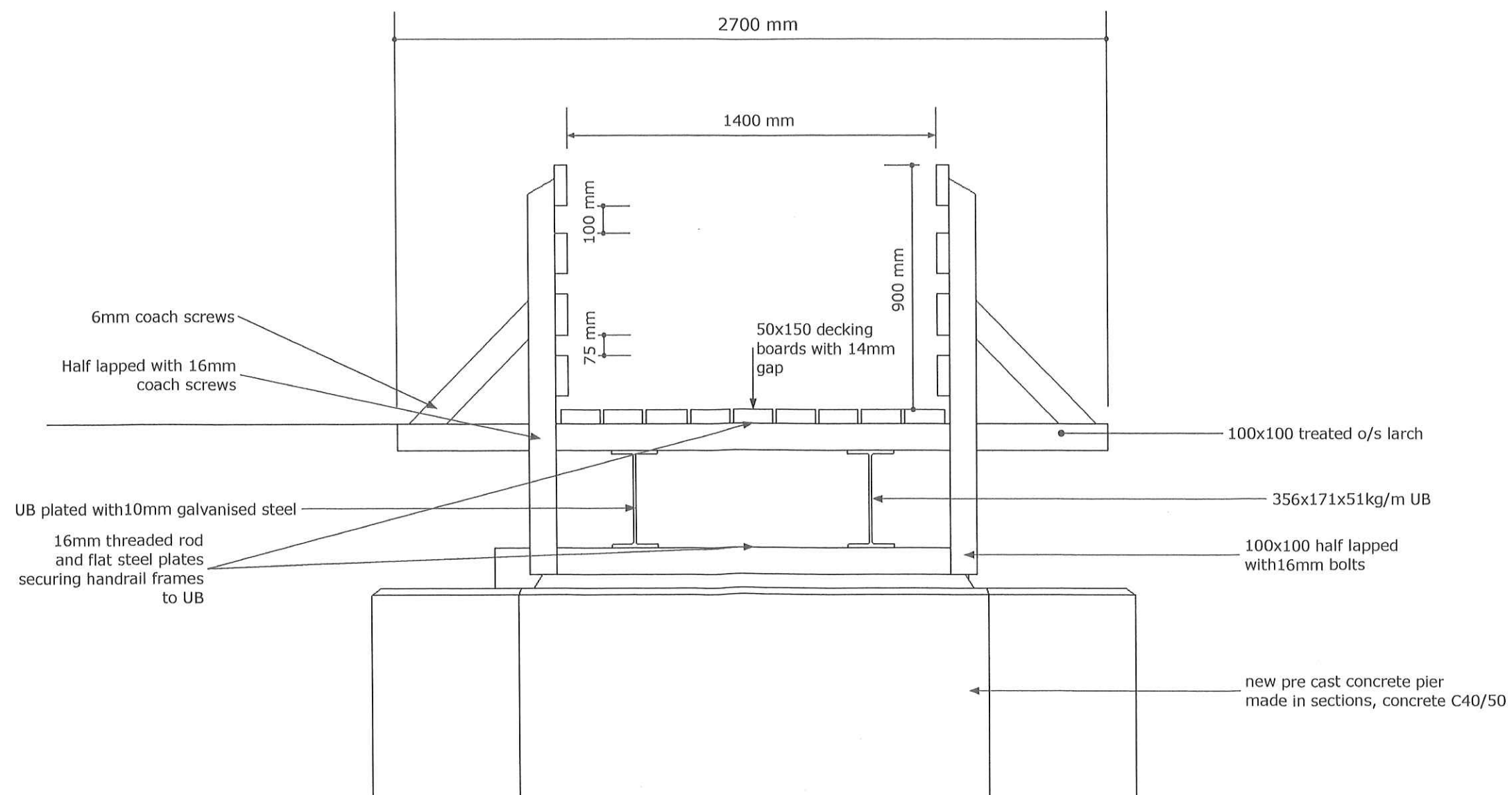
South Elevation

Scale 1:200

[Redacted]

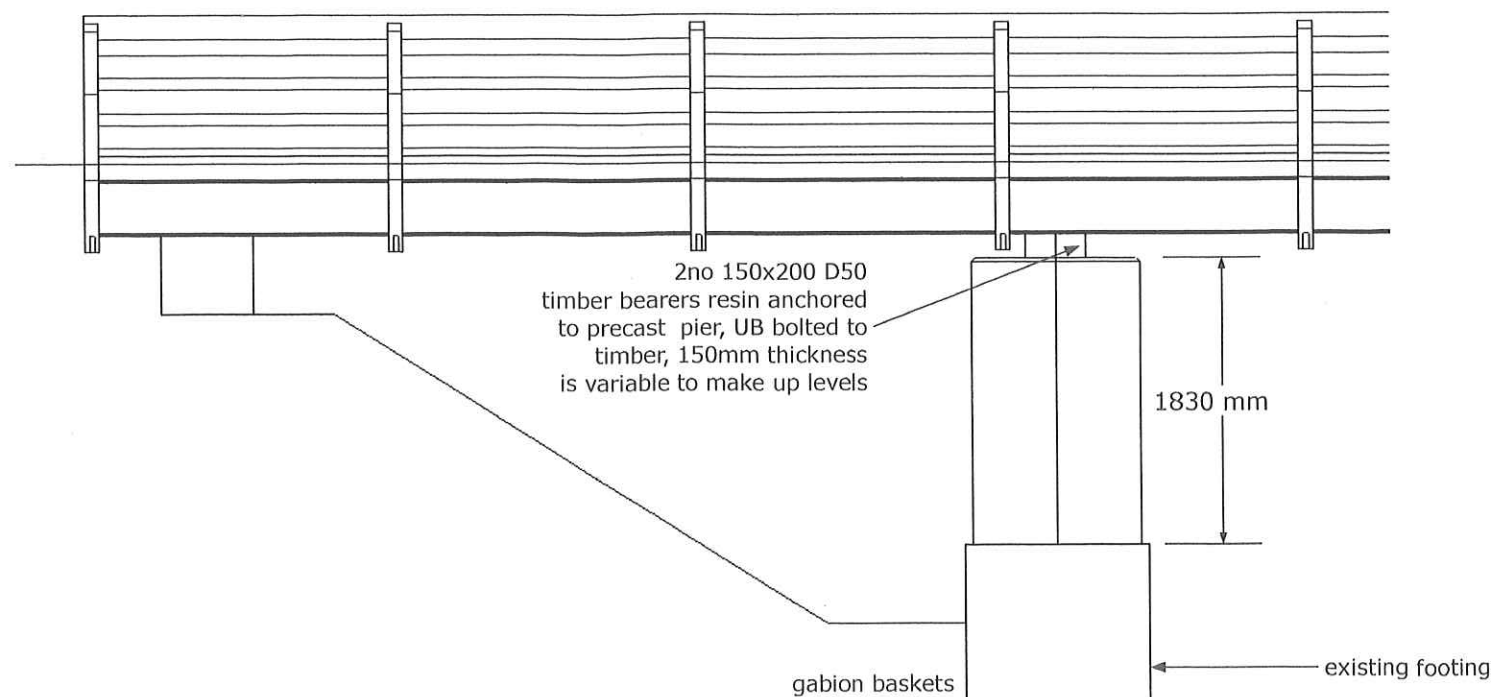


Plan Of Pier B

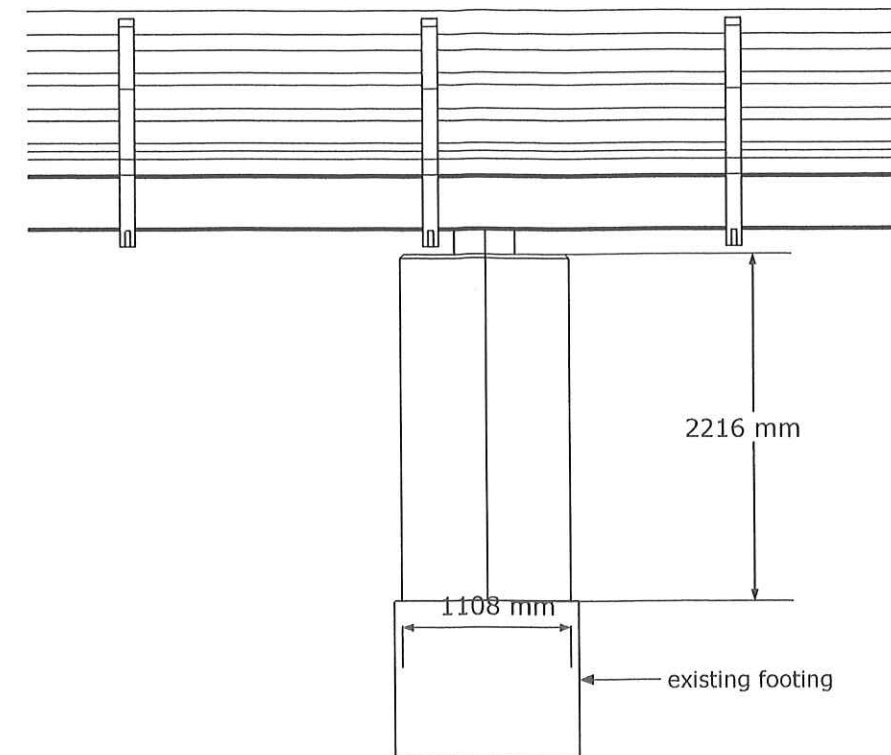


Section A

[Redacted]



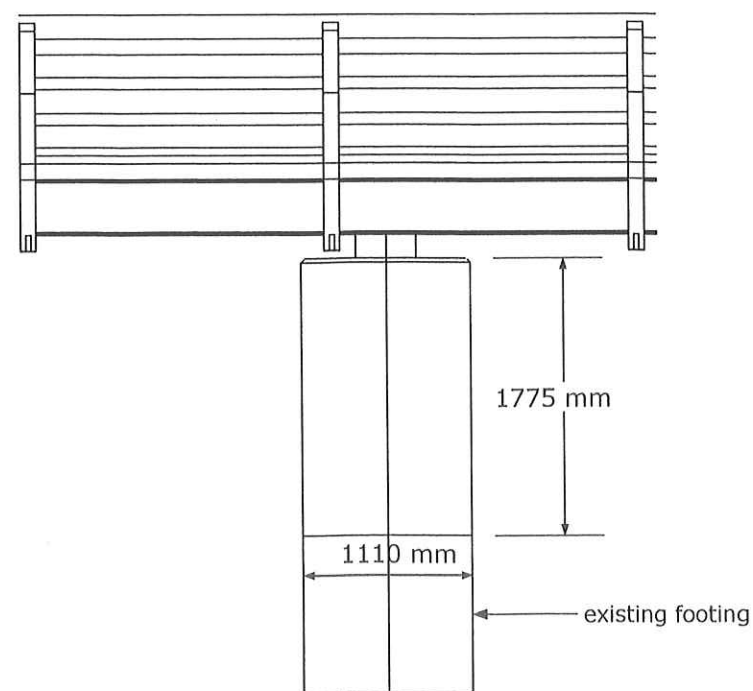
Pier A



Pier B

Notes

1. All dimensions must be checked on site
2. All heights of new bridge will be as existing
3. Dimensions should not be scaled
4. All dimensions are in millimetres unless otherwise stated
5. All steelwork and fixings to be galvanised
6. All timber handrails and deck to be pressure treated C24 with all cuts on site treated timber preservative
7. All land to be reinstated to landowners satisfaction at end of contract
8. Timber bearers under UB to be D50 timber
9. Contractor to provide fabrication drawings for review
10. No disturbance to the river bank or bed



Pier C

scale 1:50

[Redacted]