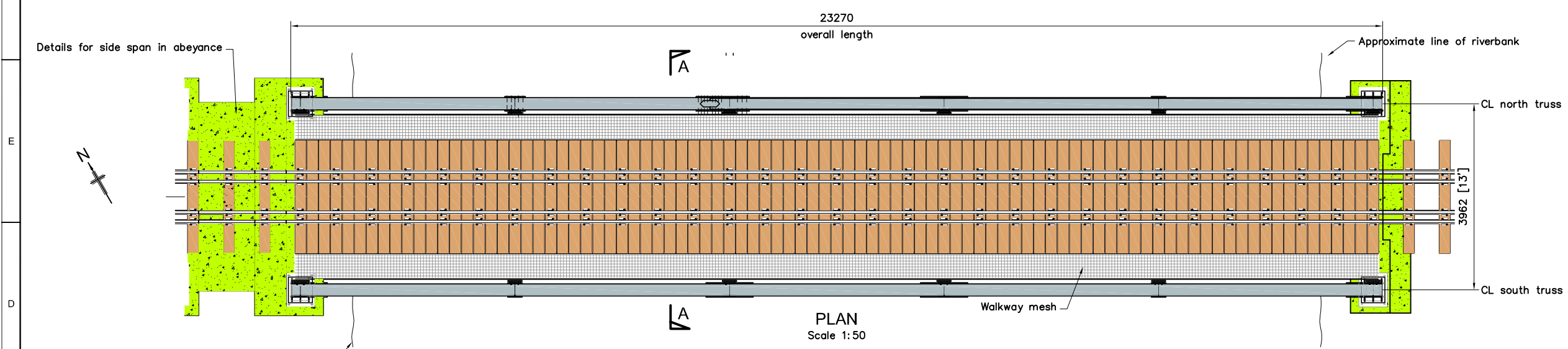
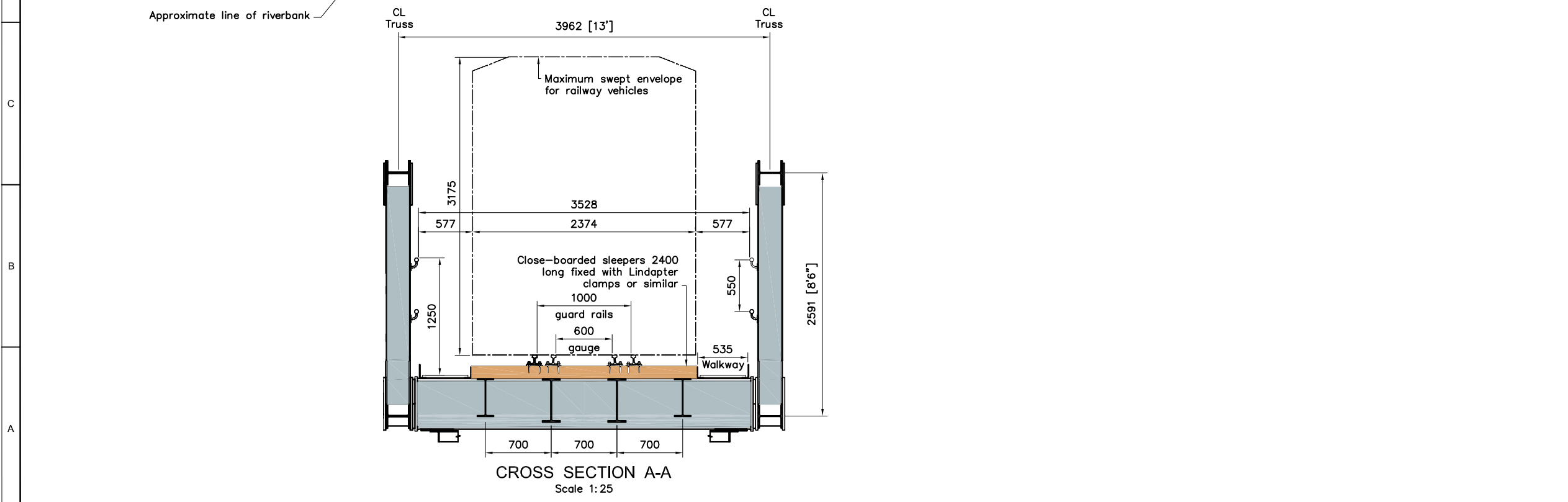


**SOUTH ELEVATION**  
Scale 1:50

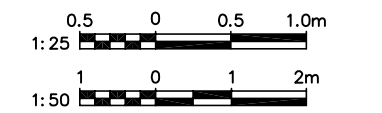


**PLAN**  
Scale 1:50



**CROSS SECTION A-A**  
Scale 1:25

- NOTES**
- Levels are in metres, related to OS bench mark +41.44 on south abutment of the 'Bridge to Nowhere', Beddgelert A498 (SH 588 478).
  - All steel is grade S355 J2G3 to BS EN 10025.
  - Bolts are HSFG general grade to BS 4395 Part 1 or TCB grade S10T, holes 2mm larger than nominal bolt size.
  - All members are to be painted to comply with Highways Agency Standards to achieve a paint life of 20 to 25 years. Paint top coat colour to be Emm 800 Dark Grey (as manufactured by Tikkurilla Coatings Ltd.) or similar.
  - Weight for lifting over river = 29.5t.
  - This bridge is designed to carry rubber-wheeled construction vehicles up to 7.5 tonnes laden weight.
  - Locomotive driving wheel speeds must not exceed 5 revolutions per second.
  - Walkway loads: 4kN/m2



Rev	Description	By	Chk	App	Date
D	Display	JCS	-	-	03.09.05
C	Issued for construction. Minor amendments	JCS	-	-	03.09.05
B	Issued for tender. Minor amendments	JCS	-	-	15.07.05
A	Cross beams revised	JCS	-	-	25.4.05

All Dimensions given in millimetres

Client 

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Project  
**WELSH HIGHLAND RAILWAY  
PHASE 4 (RHYD DDU - PORTHMADOG)**

Drawing  
**BRYN-Y-FELIN BRIDGE  
GENERAL ARRANGEMENT**

Drawn by JCS Date: 25/04/05  
Checked by - Date: -  
Authorised by - Date: -

Drawing No. **CE - UB 174 - 001** | Revision **D**

Drawing Scale: 1:50, 1:25 Original Size: A1  
CAD Filename: Plot Scale: 1:1