



- ### 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

0.5 0 0.5 1.0m
1:25

1 0 1 2m
1:50

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