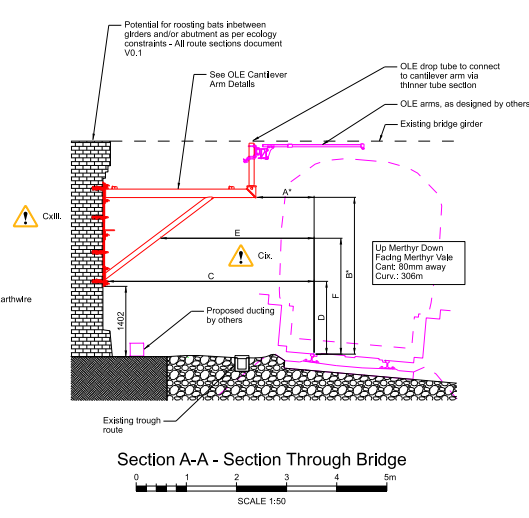
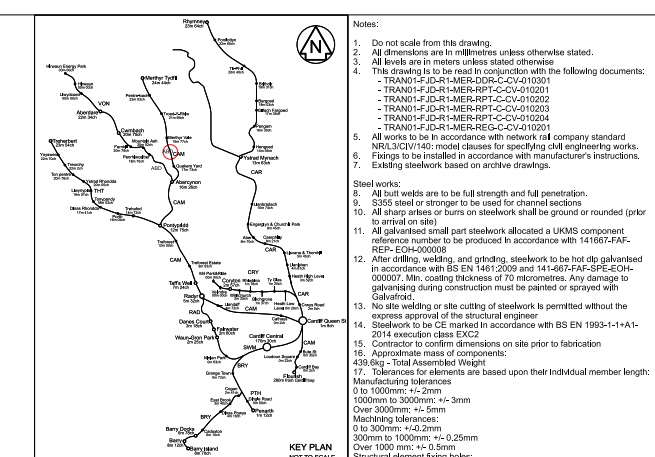
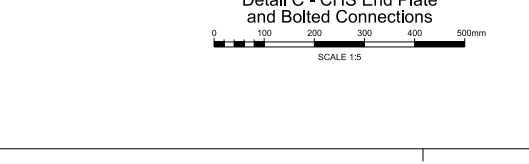
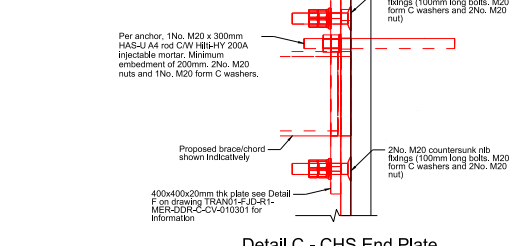
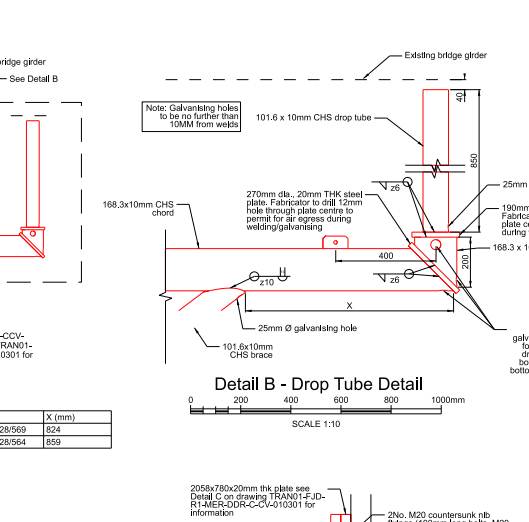




Track to Steelwork Dimensions (mm)		
	CAM/28/569	CAM/28/564
A*	1326	1144
B*	3027	3128
C	4282	4120
D	1301	1452
E	3282	3066
F	2207	2312

* To be validated as a priority dimension on-site

Note: All Dimensions to have a -0mm/+80mm tolerance, (+) symbolises up or away from track



Safety, Health and Environmental Information
 Notes below are additional to hazards/risks normally associated with this type of work:

Construction

- Clt. Lifting Operations - TRAN01-CVL-HZD-5836
- Cvt. R. Roofing Tasks - TRAN01-CVL-HZD-6739

Operations

- Env. Fining Failure - TRAN01-CVL-HZD-5831
- Cvt. B-Metallic Corrosion - TRAN01-CVL-HZD-5835
- Cvt. Structure Gauge - TRAN01-CVL-HZD-5835
- Cvt. Freeze Thaw - TRAN01-CVL-HZD-5762

Maintenance

- ML QLE - TRAN01-CVL-HZD-5827
- ML Touch Potential - TRAN01-CVL-HZD-5829
- Mv. Bonding Cable - TRAN01-CVL-HZD-5832
- Mvlt. Roofing Tasks - TRAN01-CVL-HZD-6739

Dismantling/Remediation (Future)

- Dlt. Touch Potential - TRAN01-CVL-HZD-5829

These are based on the use of experienced and competent contractors carrying out the work using an approved safe method of working.

1. Secure all 10 countersunk bolts to base plate. Then add propping angle to base plate and ensure nuts have been tightened to 150Nm torque.
2. Prop up base plate into place temporarily. Mark all holes to be drilled on abutment. Ensure locations have been ferrocased to ensure no clash with rebar. Use alternate hole if rebar is found to clash with drill hole.
3. Remove base plate and install resin anchors as per manufacturer's instructions.
4. Prop up base plate and install onto anchors.
5. Remove propping angle. Leaving sufficient countersunk bolts to ensure adequate plate lift remaining proposed steelwork onto base plate and secure nuts to 150Nm torque.

Notes:

1. Do not scale from this drawing.
2. All dimensions are in millimetres unless otherwise stated.
3. All levels are in meters unless stated otherwise

This drawing is to be read in conjunction with the following documents:

- TRAN01-FJD-R1-MIER-DGR-CV-01001
- TRAN01-FJD-R1-MIER-RPT-CV-010201
- TRAN01-FJD-R1-MIER-RPT-CV-010202
- TRAN01-FJD-R1-MIER-RPT-CV-010203
- TRAN01-FJD-R1-MIER-RPT-CV-010204
- TRAN01-FJD-R1-MIER-REG-CV-010201

All works to be in accordance with network & power company standard NRS040V1401 model and all civil engineering works.

Fixings to be installed in accordance with manufacturer's instructions.

- 7. Existing steelwork based on archive drawings.

Steel works:

- 8. All plate works are to full strength and full penetration.
- 9. S355 steel or stronger to be used for channel sections.
- 10. All rivets or bolts on steelwork shall be ground or rounded (prior to arrival on site).
- 11. All galvanised steel part steelwork allocated a UKMS component number to be indicated in accordance with 141667-PA-REP-ECH-000009
- 12. All welding, grinding, and grinding, steelwork to be hot dip galvanized in accordance with BS EN 14617-2009 and 141667-PA-REP-ECH-000009, coating thickness to be 60 micrometres. Any surface exposed to galvanizing during construction must be painted or covered with Galvalume.
- 13. No site welding or structural steelwork permitted without the express approval of the architect.
- 14. All steelwork to be CE marked in accordance with BS EN 1993-1-1+A1:2014 execution class EXC2
- 15. Contractor to confirm dimensions on site prior to fabrication
- 16. Approximate mass of components to be as follows:
 439 kg/c - Total Assembled Weight
- 17. Approximate mass of elements based upon their individual member length:
 1000mm to 1500mm: +/- 5mm
 1500mm to 3000mm: +/- 3mm
 3000mm to 4500mm: +/- 5mm
 4500mm to 6000mm: +/- 5mm
 6000mm to 7500mm: +/- 5mm
 7500mm to 10000mm: +/- 25mm
 10000mm to 12000mm: +/- 0.5mm

	All holes: 1/8"-1/4" from nozzles. Notes: Eddy distances must not be influenced upon by fabrication or site drilling. All bolts and threaded rods are grade 8.8 and galvanized. The chamber nut/washer may vary and must be shipped open per details. 20 Exposed parts of bolts and fasteners to be dealt with white spirit, especially where exposed to weather. 21 All welds are continuous and full strength. All round fillet welds to have a minimum leg length of 5mm unless stated otherwise.
Servises	The contractor has reviewed archive drawings and hazard directory and no significant services were noted. The contractor must carry out a detailed search in the vicinity of the proposed works both visually and using Network Rail approved CAT equipment. The contractor is responsible for locating, unplugging, and protecting all services affected by the works. All work is to be carried out in accordance with Network Rail procedure NR/L1/AMG/1010, NR/L2/AMG/1020 and NR/L2/AMG/1030
Fittings	Resin fittings to be installed in accordance with manufacturer's instructions, ensuring enough time is allowed for curing. Hot plates and tools must be taken from the site after equivalent supplier's recommended values. Anchors are to be tested in accordance with BS6639-2:2012 Annex B to be tested to failure with a breaking force of 16kN. Anchors are to be tested for pull-out or for pull-off. Anchors are to be tested to a test load of 16.5kN. Anchors must not be subjected to a torsion exceeding 8Nm.

[illegible]

 SEWALIT INFRASTRUCTURE	
Authorised	— Signed Authorised by eSign Date —
Contract/Ref: FJD Consulting	
Asset Location:	
Sub-Asset: TRAN01	
Type: CAD drawings	Sub-Type: DDR
Path: C	Sub-Path: CV
Location: Zone MER	Plan of Work Stage: C
Project: TRAN01 - CVL Transformation	
Route Section Group: Route Section Group 1	
Route Section: Merthyr Branch	
Drawing Title: POLE Fixings General Arrangement CU F03	
Designed	— Signed Designed by eSign Date —
Drawn	J.Morgan Signed Drawn by eSign Date 24/11/22
Checked	— Signed Checked by eSign Date —
Approved	— Signed Approved by eSign Date —
Scale(s):	ELL & Maps From CAM 18M 67ch 18M 67ch
AS Show(s):	
Alternative Reference:	
Drawing Number: TRAN01-FJD-R1-MER-DDR-CV-010401	Revision: P02,