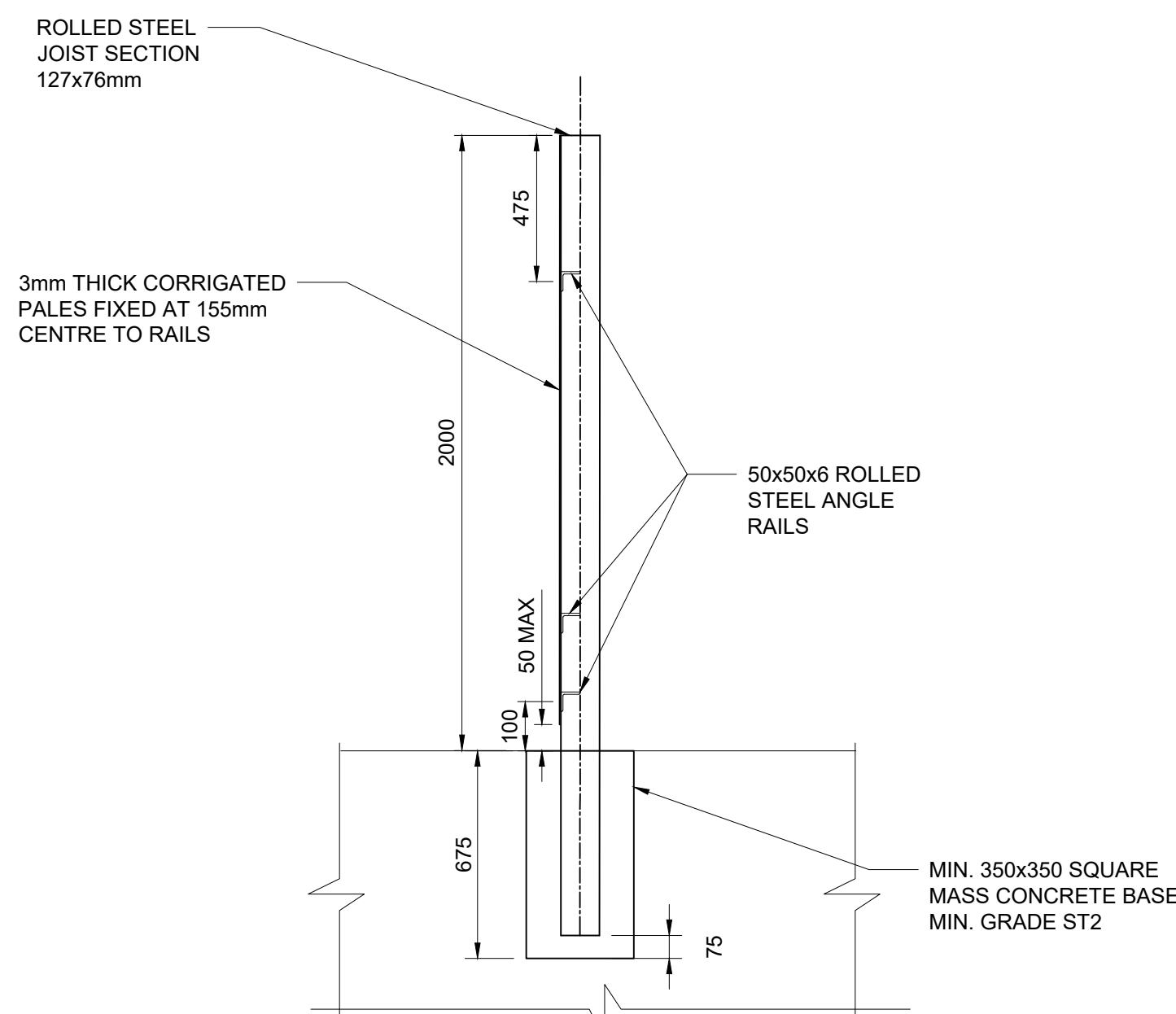




 **SECTION A**
SCALE: 1:20

Approved For Construction
Signed 
Name Paul Williams
Date 01.05.2023
Contractor's Engineering Manager
(Construction Phase)

- NOTES:**
1. ALL DIMENSIONS ARE SHOWN IN MILLIMETRES UNLESS NOTED OTHERWISE, ALL LEVELS ARE SHOWN IN METRES AOD UNLESS NOTED OTHERWISE.
 2. THIS DRAWING IS PRODUCED BASED ON TOPOGRAPHICAL SURVEY UNDERTAKEN BY PBH SURVEYS IN OCTOBER 2021 ON BEHALF OF ARCADIS CONSULTING (UK) LTD AND AVAILABLE NETWORK RAIL ARCHIVE INFORMATION. REFER TO TOPO SURVEY REPORT FOR CONTROL STATION COORDINATES AND WITNESS DIAGRAMS.
 3. ALL STEEL PALISADE FENCE SHALL BE SECURITY TYPE SP30 IN ACCORDANCE WITH BS 1722 PART 12.
 4. ALL HANDRAIL COMPONENTS TO BE SIZE 8 KEE KLAMP.
- STEELWORK:**
5. ALL PALISADE FENCING ROLLED STEEL SECTIONS SHALL BE OF STEEL GRADE S275 TO BS EN 10025 UNLESS OTHERWISE SPECIFIED.
 6. HANDRAIL STEEL TUBE: BS EN 10255 (ISO 65), FITTINGS AND CASTINGS: CAST IRON FITTINGS AND CASTINGS TO COMPLY WITH BS EN 1562 & 1563.
 7. ALL BOLTS SHALL COMPLY WITH BS 3692 AND SHALL BE STRENGTH GRADE 8.8. NUTS SHALL BE STRENGTH GRADE 8 AND WASHER SHALL CONFORM TO BS 4320.
- CONCRETE:**
8. ALL BEDDING CONCRETE FOR VERTICAL FENCE POSTS SHALL BE MASS CONCRETE MINIMUM GRADE S72 TO BS 8500-1.
- FINISH:**
1. ALL PALISADE FENCE COMPONENTS TO BE HOT DIP GALVANISED TO BS EN ISO 1461 WITH A MINIMUM THICKNESS OF 85µm.
 2. ALL BOLTS, NUTS AND WASHERS SHALL BE ZINC COATED.

C01	17-03-23	APPROVED FOR CONSTRUCTION	GF	MB	RP
B03	22-02-23	FORM 6 FOR APPROVAL	GF	MB	RP
B02	01-12-22	FORM 6 FOR APPROVAL	GF	MB	RP
B01	14-11-22	FORM 6 FOR APPROVAL	GF	MB	RP
B01.1	29-09-22	DRAFT	GF	MB	RP
Rev	Date	Description	Drawn	Check	Approved



PROJECT:
MVN2/60 UNDERBRIDGE
GRIP 5



Registered office: Coordinating office:
Arcadis Consulting UK Ltd 5th Floor, 401 Faraday Street,
80 Fenchurch Street Birchwood Park,
London E3CM 4BY Warrington WA3 6GA
Tel: 44 (0)1925 800700

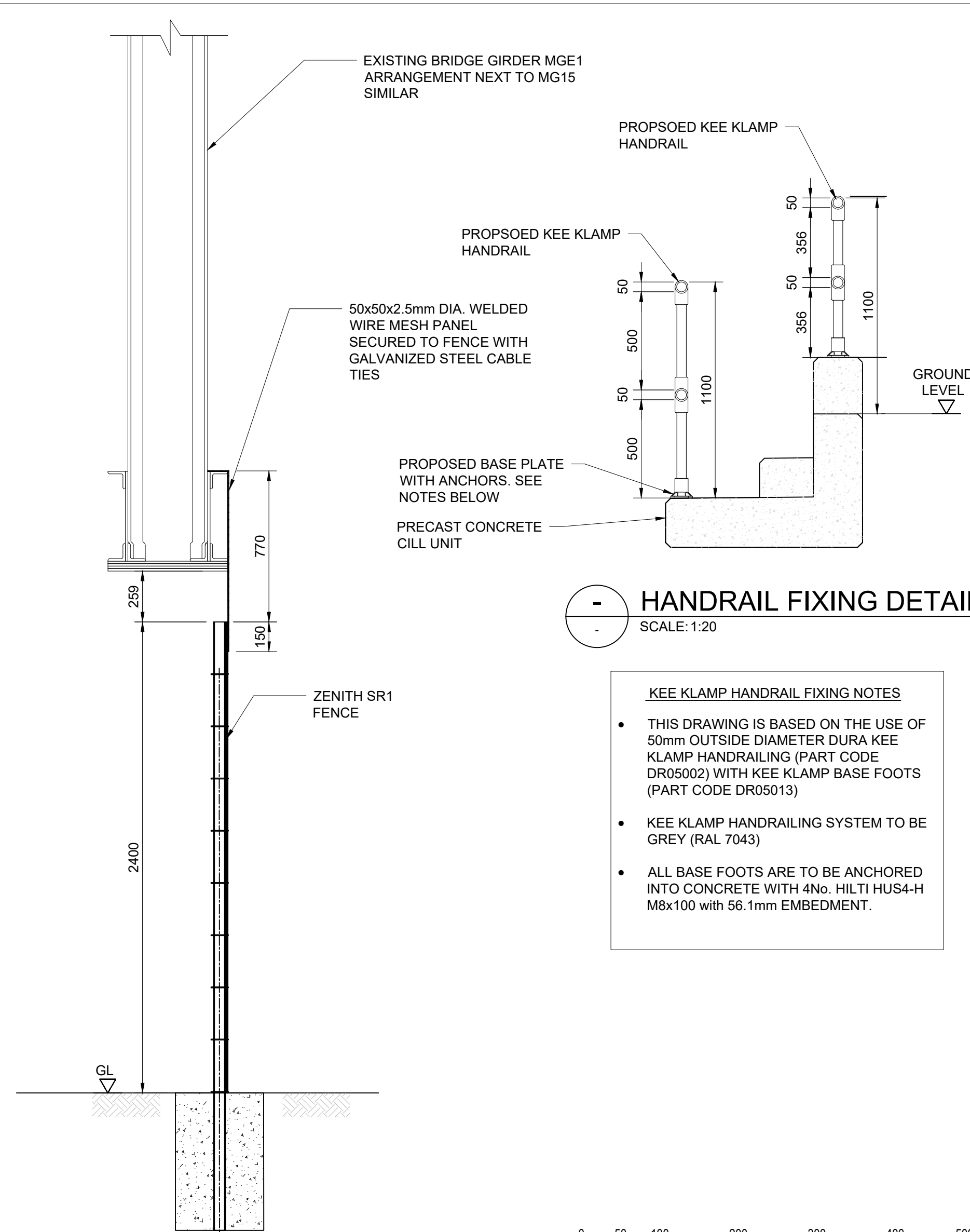
www.arcadis.com

TITLE:
MVN2/60 ROCHDALE CANAL
MISCELLANEOUS DETAILS
PALISADE, CONCRETE PAVING
HERAS FENCING, BIRD NETTING

Designed	A.LITTLEWOOD	Signed: <i>A. Littlewood</i>	Date: 17-03-2023
Drawn	G.FERNADES	Signed: <i>G. Fernandes</i>	Date: 17-03-2023
Checked	M.BARDON	Signed: <i>M. Bardon</i>	Date: 17-03-2023
Reviewed	R.PLATT	Signed: <i>R. Platt</i>	Date: 17-03-2023
Approved	R.PLATT	Signed: <i>R. Platt</i>	Date: 17-03-2023
Scale:	As shown	Datum:	AOD
Original Size:	A1	Grid:	TPEN16
ELR:	MMV2	Mileage:	10m 1016yds
Suitability Code:	S4	Project Number:	10047371

APPROVED FOR CONSTRUCTION

Drawing Number:	Revision:
10047371-ARC-10-XX-DR-CE-000065	C01



C SECTION MGE1
SCALE: 1:20

ZENITH SR1 SCHEDULE		
LOCATION	FENCE HEIGHT (mm)	APPROXIMATE LENGTH REQUIRED (mm)
BELOW MGE1	1800	17715
BELOW MGI5	2400	16965



EDGING DETAIL
SCALE: 1:10

