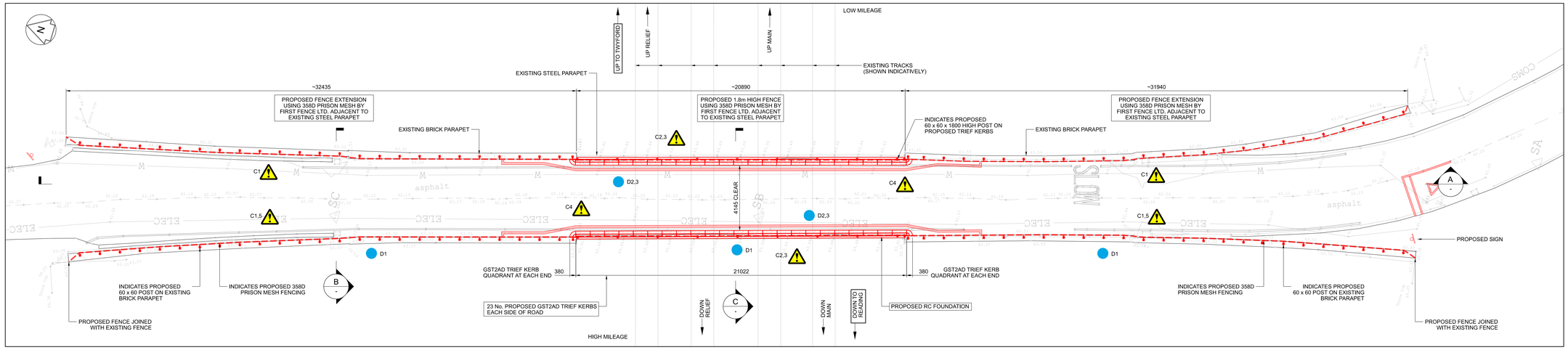
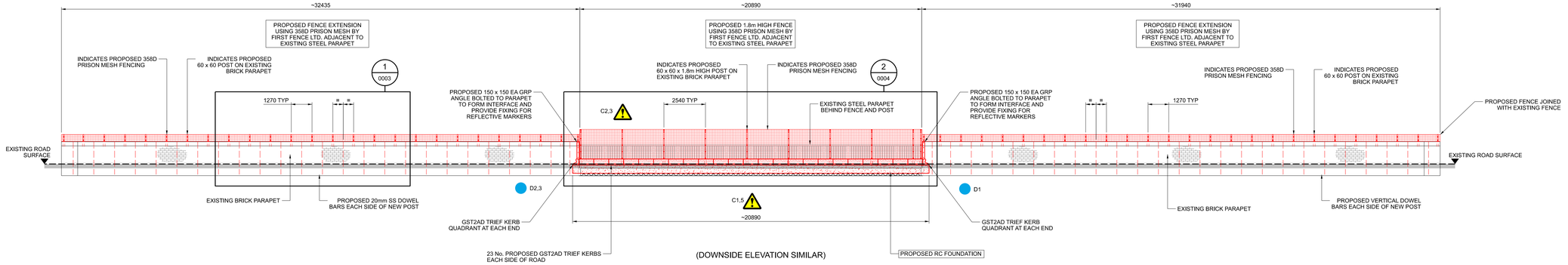


- PLAN ON PROPOSED ANTI-CLIMB WORKS
1:100

0 2 4 6 8 10m

SCALE 1:100

FOR ROAD MARKING AND REQUIRED SIGNAGE REFER TO DRAWING 02003-BBR-DRG-CIV-0004

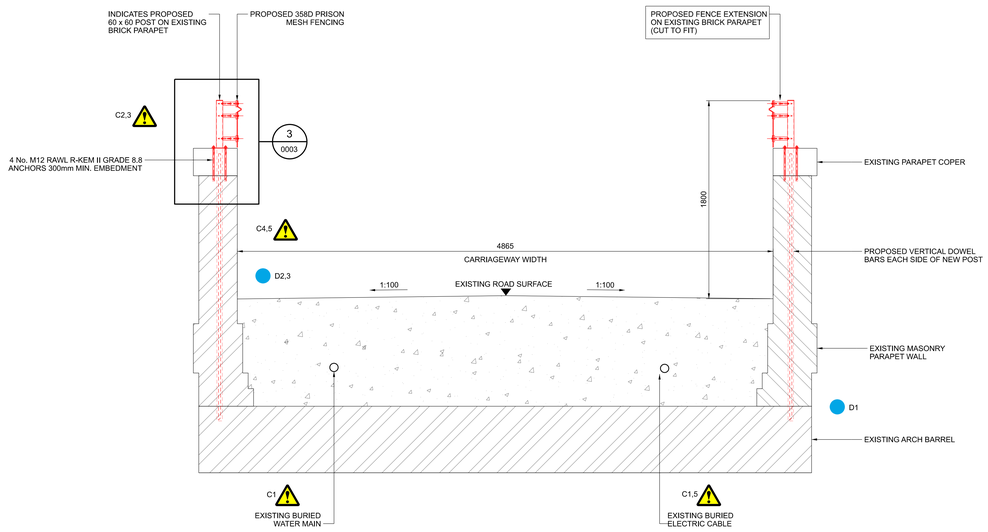


(DOWNSIDE ELEVATION SIMILAR)

A ELEVATION ON PROPOSED ANTI-CLIMB WORKS
1:100

0 2 4 6 8 10m

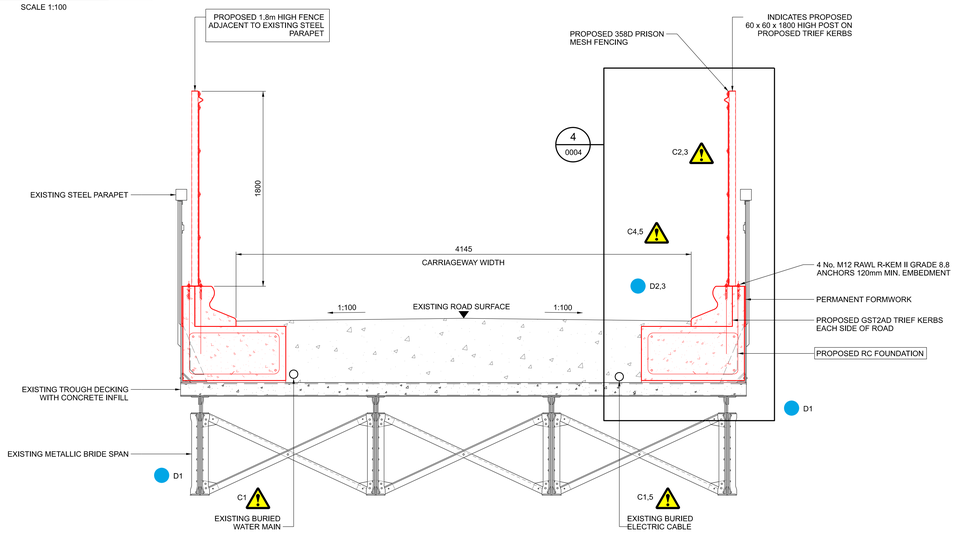
SCALE 1:100



B SECTION ON PROPOSED BRICKS PARAPET EXTENSION
1:20

0 0.4 0.8 1.2 1.6 2.0m

SCALE 1:20



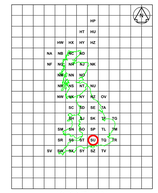
C SECTION ON PROPOSED STEEL PARAPET EXTENSION
1:20

0 0.4 0.8 1.2 1.6 2.0m

SCALE 1:20

KEY	COLOUR	USE
	BLACK	EXISTING OR UNCHANGED
	BLUE	MODIFIED OR TO BE REMOVED
	GREEN	REDUNDANT OR TO BE REMOVED
	RED	NEW, PROPOSED OR ADDITIONAL
	MAGENTA	BY OTHERS

NOTES:



KEY PLAN
(NTS)

NOTES:

1. WORK TO FIGURED DIMENSIONS ONLY.
2. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE. ALL LEVELS IN METRES (m).
3. ALL DIMENSIONS HAVE BEEN DERIVED FROM RECORD DRAWINGS SUPPLIED BY NETWORK RAIL.
4. ORIGINAL DRAWING IN COLOUR.
5. THIS DRAWING TO BE READ IN CONJUNCTION WITH DRGS. Nos. 02003-BBR-DRG-CIV-0001 TO 02003-BBR-DRG-CIV-0005.
6. PROPOSED PARAPETS ARE APPROVED PRODUCTS FROM FIRST FENCE, GREY 358 D MESH FENCING.
7. PROPOSED TRIEF KERBS ARE APPROVED PRODUCTS FROM BRETT LANDSCAPING.
8. PROPOSED ANCHORS ARE AS SPECIFIED ON DRAWINGS.
11. PULL TEST TO BE CARRIED OUT ON BRICKWORK ANCHORS. ANCHORS TO BE TESTED FOR A TENSION FORCE OF 1.5 x WORKING LOAD, WHICH IS 16.5KN.
12. ALL STEELWORK SHALL COMPLY WITH BS EN 10025-2 AND BE GRADE S275.

CONCRETE:

1. CONCRETE MIXES :

 - FOUNDATIONS :- C32/40
 - BLINDING/BEDDING :- C8/10

 - MAX WATER /CEMENT RATIO :- 0.55
 - MIN CEMENT CONTENT :- 300kg/m³
 - CEMENT TYPE :- CEM IVB-V
 - MAX AGGREGATE SIZE :- 20mm

2. CONCRETE TO BE CURED BY APPROVED METHOD FOR A MINIMUM OF 7 DAYS. FOR GUIDANCE REFER TO 'CONCRETE ADVICE DOCUMENT No. 20' BY 'THE CONCRETE SOCIETY '
3. CARE IS TO BE TAKEN TO PROTECT CONCRETE FROM ADVERSE WEATHER. FOR GUIDANCE REFER TO 'CONCRETE ADVICE DOCUMENT No. 20' BY 'THE CONCRETE SOCIETY '.
4. SAMPLING AND TESTING OF CONCRETE IS TO BE CARRIED OUT IN ACCORDANCE WITH BS EN 12350-1 & 2. FOR GUIDANCE REFER TO 'CONCRETE ADVICE DOCUMENT No. 30' BY 'THE CONCRETE SOCIETY.

 - FIVE CUBES SHALL BE CAST FOR EACH MAIN ELEMENT
 - 2 TO BE CRUSHED AT 7 DAYS
 - 2 TO BE CRUSHED AT 28 DAYS
 - 1 SPARE

REINFORCED CONCRETE:

1. REINFORCEMENT IS TO BE CUT AND BENT IN ACCORDANCE WITH BS 8666.
2. RIBBED BAR REINFORCEMENT IS TO BE B500B IN ACCORDANCE WITH BS 4449 STANDARD FABRIC REINFORCEMENT IS TO BE B500B IN ACCORDANCE WITH BS 4483.
3. COVER TO REINFORCEMENT TO BE MIN 60mm.
5. BAR SCHEDULES ARE TO BE CHECKED BY THE CONTRACTOR BEFORE STEEL IS ORDERED.
7. REINFORCEMENT AND FORMWORK TO BE THOROUGHLY CHECKED BEFORE CONCRETING.
8. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL TEMPORARY REINFORCEMENT, SUCH AS CHAIRS, THAT MAY BE REQUIRED.

DOWEL BARS:

1. ALL DOWEL BARS TO BE STAINLESS STEEL GRADE A4-70.

Rev	Date	Description of Revisions	Drawn	Chkd	Appr
B01	15/10/25	ISSUED FOR APPROVAL	NR	JMF	BS
A01	08/09/25	ISSUED FOR IDC	GJK	GW	AH

Status: FOR APPROVAL

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

Key to Health and Safety Symbols

- Indicates a residual risk requiring a compulsory action.
- Indicates a residual risk for information
- Indicates a residual risk requiring a prohibitive action
- Indicates a residual risk as a warning

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

NOTES BELOW ARE ADDITIONAL TO HAZARDS/RISKS NORMALLY ASSOCIATED WITH THIS TYPE OF WORK. NUMBERS CORRESPOND TO RISK REGISTER REFERENCES - SEE GENERAL NOTES DRAWING FOR DETAILS.

CONSTRUCTION

- D1 STRUCTURAL FAILURE TO EXISTING STRUCTURE
- D2 IMPACT / LOADING FROM PEDESTRIANS & WIND
- D3 IMPACT / LOADING FROM VEHICLES
- C1 EXISTING BURIED SERVICES
- C2 FALLS FROM HEIGHT
- C3 FALLING DEBRIS / MATERIALS / EQUIPMENT ON TO RAILWAY
- C4 VEHICLE IMPACT
- C5 ELECTROCUTION

MAINTENANCE

Dismantling / Demolition (Future)
No risk indentified

Refer to general notes and the Principal Contractor for more information about the risks associated with this work.

Contractor(s): Balfour Beatty

Project: WESTERN REACTIVE
WARREN ROAD BRIDGE

Drawing Title: WARREN ROAD OVERBRIDGE
PROPOSED GENERAL ARRANGEMENT

Designed	J. FRITH	Signed	JMF	Date	15/10/25
Drawn	N. REINHARDT	Signed	NR	Date	15/10/25
Checked	J. FRITH	Signed	JMF	Date	15/10/25
Approved	B. STANKOVIC	Signed	BS	Date	15/10/25

Scale(s): AS SHOWN
ELR & Mileage: MLN1 - 3329 33m 29ch
Alternative Reference
Sheet: 2 of 5
Drawing Number: 02003-BBR-DRG-CIV-0002
Revision: B01

Sheet Size A0 841 x 1189