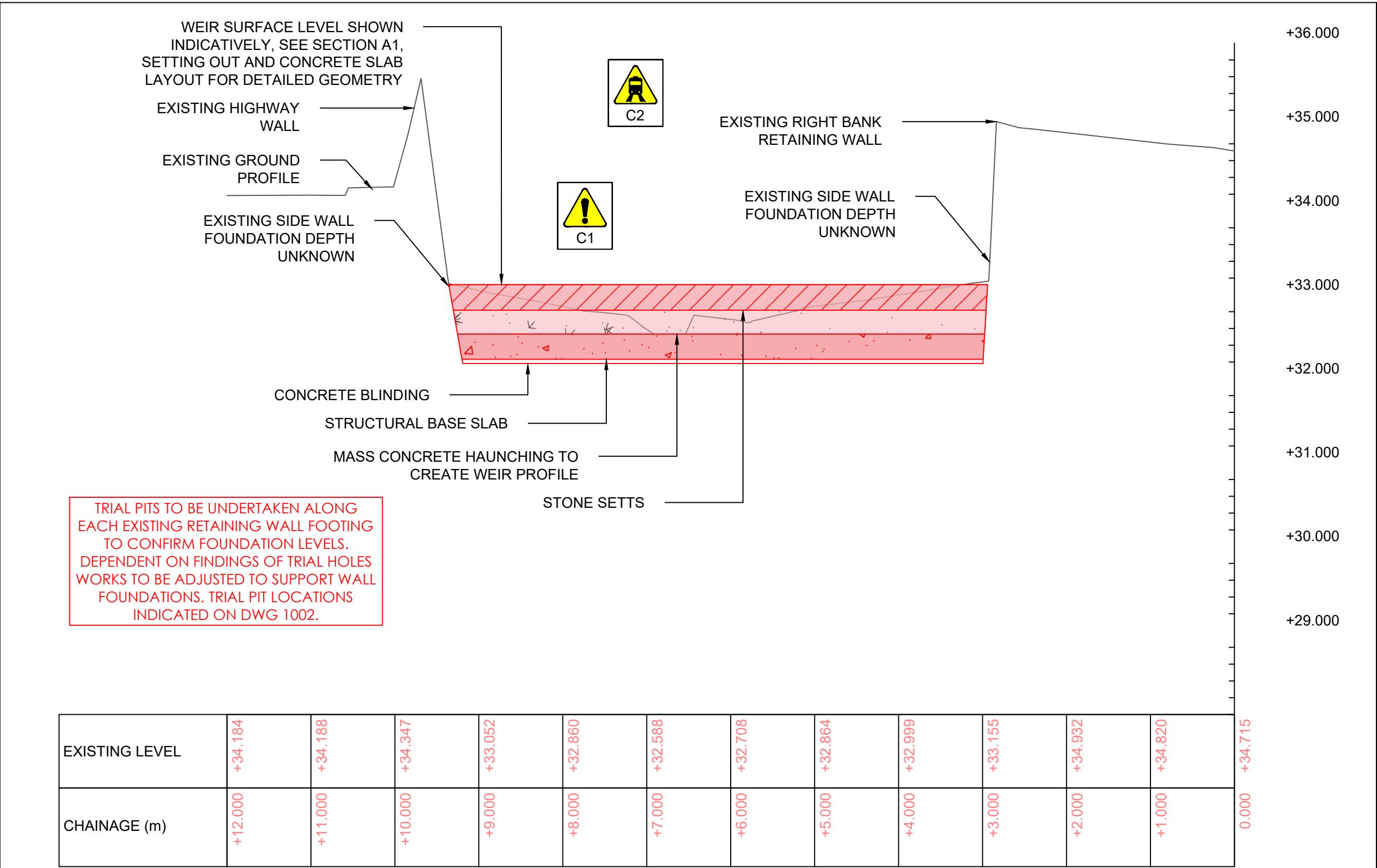
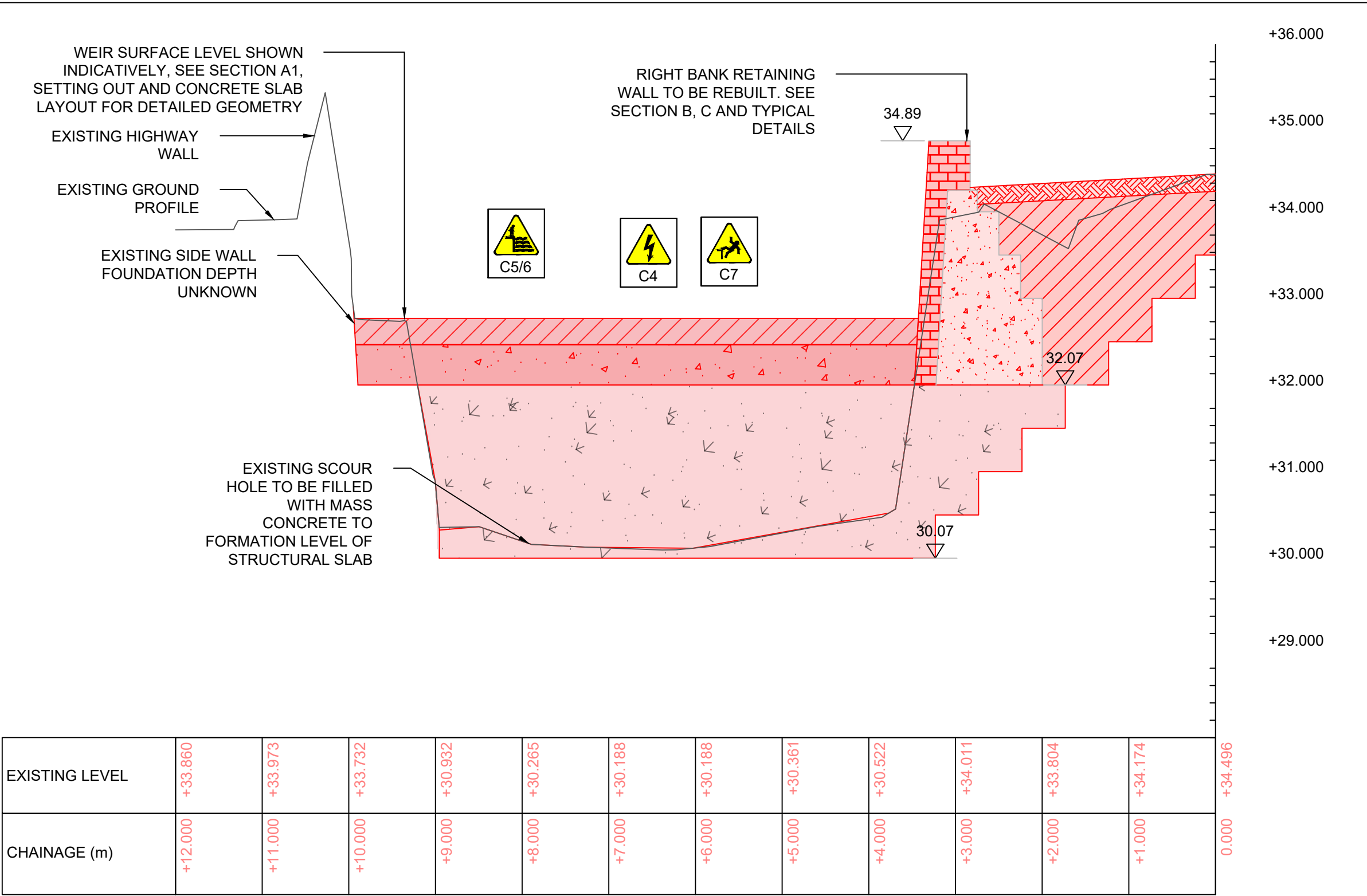
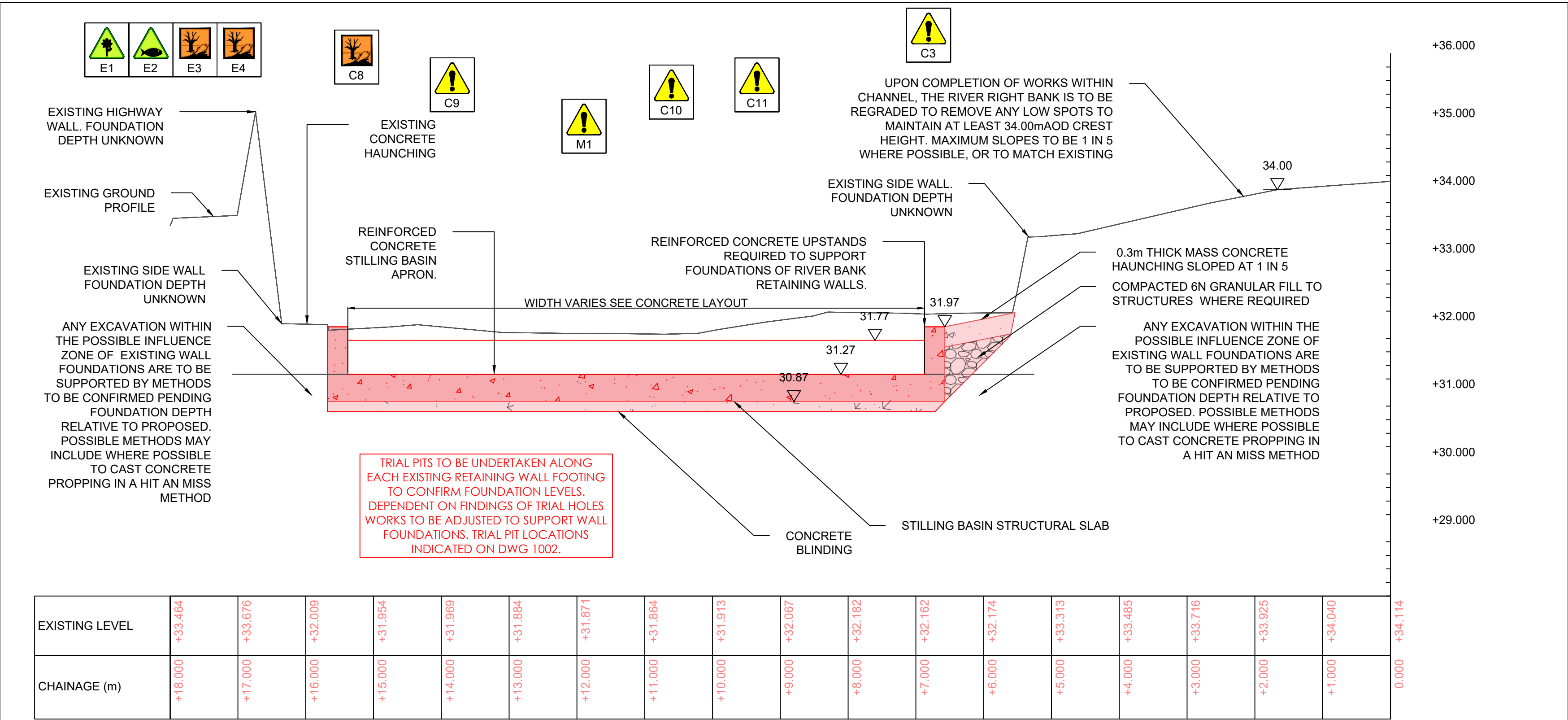




CROSS SECTION (D-D)
1:50



CROSS SECTION (E-E)
1:50



CROSS SECTION (F-F)
1:50

Safety, Health and Environment information

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant risks

Construction

C1		Unstable structure - Risk of collapse of wall without warning and potential loss of the road, leading to fatal injury.
C2		Live Railway - Works adjacent to a live railway line, risk of damage to Network Rail infrastructure
C3		Potential interaction with members of public resulting in serious injury.
C4		Buried Services - Uncharted third party service connections causing service strike risk, causing property damage and personnel injury.
C5		Working in a watercourse - Risk of flooding / falls into watercourse resulting in damage to or loss of plant/materials, loss of road, drowning.
C6		Working adjacent to watercourse - Injury, damage to or loss, risk of drowning
C7		Working at height - Risk of fall from height resulting in fall related injury.
C8		Risk of chemical burns, poisoning, skin and lung irritation. Pollution to river environment
C9		Risk scour damage to downstream channel/footbridge
C10		NRM/land/or Listed Buildings do not consent to the proposed phase 2 works which may result in delays
C11		Subsidence of ground

Environmental

E1		Protected Habitat - NRM license required for working within and adjacent to the Afon Llan, risk of prosecution
E2		Working within a protected habitat - Risk of disturbing nesting birds, migrating fish etc - resulting in endangering wildlife or spreading INNS risk of prosecution
E3		Working with concrete near/within a watercourse - risk of concrete spill resulting in pollution.
E4		Risk reduced through over pumping and dry working area

Maintenance

M1		Improper or infrequent inspections/maintenance may lead to failure of weir or stilling basin due to abrasive nature of large cobbled bed material
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APPROVED FOR CONSTRUCTION

Position	Signature	Name	Date
CEM		Owen Jones	21/07/2025
CRE construction			
DPE			
PE			
AE			
CRE designs		Scott Riddlestone	16/07/2025
Designer		Ed Hogan	16/07/2025
Checker		Scott Riddlestone	16/07/2025



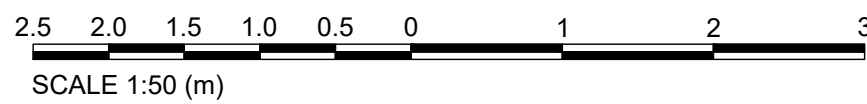
GENERAL NOTES

- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
- ALL LEVELS ARE IN METRES RELATIVE TO ORDNANCE DATUM NEWLYN (OD) UNLESS NOTED OTHERWISE.
- ALL COORDINATES ARE IN METRES RELATIVE TO ORDNANCE SURVEY NATIONAL GRID.
- DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS MUST BE CHECKED/VERIFIED ON SITE.
- ANY DISCREPANCIES NOTED ON SITE ARE TO BE REPORTED TO THE SUPERVISOR IMMEDIATELY.
- THE ELECTRONIC VERSION OF THIS DRAWING IS NOT TO BE USED FOR SETTING OUT.
- REFER TO CONTRACT SPECIFICATION FOR DETAILS OF MATERIALS AND WORKMANSHIP TO BE USED FOR THE WORKS SHOWN ON THIS DRAWING.
- HAZARDS TO BE CLEARLY DEFINED AND DISPLAYED AT DESIGN STAGE.

KEY
PROPOSED
EXISTING
TO BE REMOVED



UTILITY SERVICES INVESTIGATION GAUGE TO PAS 128			
	TYPE D: DESK STUDY		
	TYPE C: DESK STUDY AND SITE RECONNAISSANCE		
	TYPE B: DESK STUDY WITH SITE RECON AND UTILITY DETECTION SURVEY		
	TYPE A: DESK STUDY WITH SITE RECON, UTILITY DETECTION SURVEY & TRIAL HOLES		
	TYPE D	TYPE C	TYPE B
	22/09/23		
THE POSITION OF ANY EXISTING PUBLIC OR PRIVATE SEWERS, UTILITY SERVICES, PLANT OR APPARATUS SHOWN ON THIS DRAWING HAS BEEN OBTAINED FROM STATUTORY RECORDS. THE INFORMATION SHOWN IS BELIEVED TO BE CORRECT BUT NO WARRANTY TO THIS IS EXPRESSED OR IMPLIED. OTHER SUCH PLANT OR APPARATUS MAY ALSO BE PRESENT BUT NOT SHOWN. INVESTIGATIONS SHOULD BE UNDERTAKEN ON SITE CONFIRMING LOCATIONS BEFORE BREAKING GROUND.			



RESOLVEN AQUEDUCT - WEIR DRAWINGS	
DWG No.	DWG Title.
IUY-JBA-00-00-DR-C-1002	GENERAL ARRANGEMENT
IUY-JBA-00-00-DR-C-1003	WEIR LONG SECTION
IUY-JBA-00-00-DR-C-1004	CONCRETE LAYOUT
IUY-JBA-00-00-DR-C-1005	REINFORCEMENT DETAILING
IUY-JBA-00-00-DR-C-1006	SETTING OUT
IUY-JBA-00-00-DR-C-1007	WALL LONG SECTIONS
IUY-JBA-00-00-DR-C-1008	TYPICAL CROSS SECTIONS
IUY-JBA-00-00-DR-C-1009	TYPICAL DETAILS

C01	APPROVED FOR CONSTRUCTION	16/07/25	AB	EH	SR	EP
B02	FORM B UPDATES	14/07/25	AB	EH	SR	EP
B01	FORM B	14/05/25	AB	EH	SR	EP
Rev	Description	Date	Author	Designer	Checker	Approver

Document Control

Status APPROVED FOR CONSTRUCTION

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Project Title

RESOLVEN AQUEDUCT & WEIR

Drawing Title

TYPICAL CROSS SECTIONS



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Parent Model

NOT FROM MODEL

Security Classification	Scale
OFFICIAL	AS SHOWN
Author	Designer
A.BOSOMWORTH	E HOGAN
Checker	Approver
S RIDDLESTONE	E PARKER
Suitability	Revision
APPROVED FOR CONSTRUCTION	C01
Information Container	A1 Sheet Size
IUY-JBA-00-00-DR-C-1008-C01-TYPICAL CROSS SECTIONS.dwg	