

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

NOTES BELOW ARE ADDITIONAL TO HAZARDS/RISK NORMALLY ASSOCIATED WITH THIS TYPE OF WORK

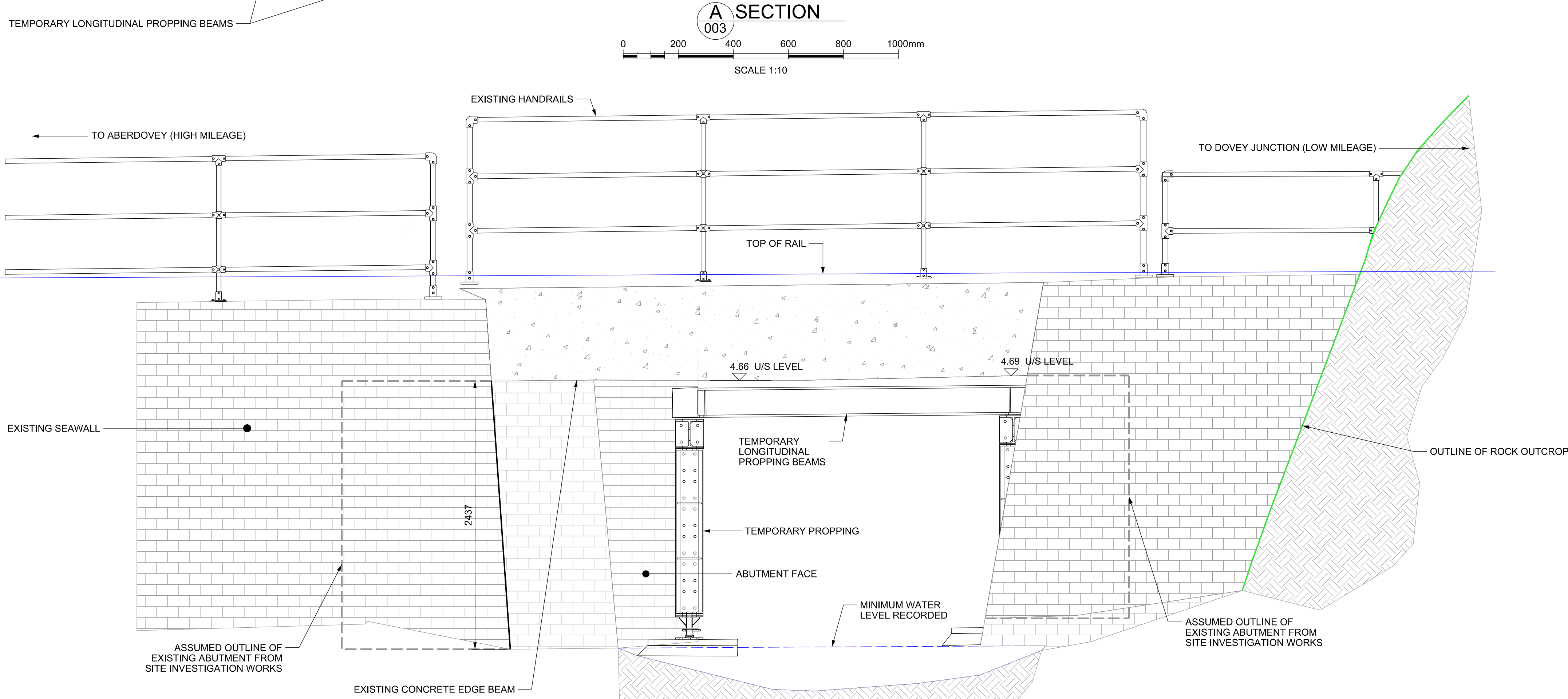
CONSTRUCTION
OI, STEEL DECK & CILL BEAMS LIFTING DURING CONSTRUCTION WORKS
OI, ABUTMENT INSTABILITY DUE TO REFURBISHMENT WORKS ON THE ABUTMENT/WING WALLS
CIII, EXCAVATION/SLOPE COLLAPSE
CIV, UNDERMINING EXISTING ABUTMENT FOUNDATION
CVI, STABILITY OF THE 'I' SHAPE RETENTION UNITS
CVI, UNFORESEEN GROUND CONDITIONS

OPERATIONAL & MAINTENANCE
OI, DISTURBING THE TRACK DURING WORKS
OI, WORKING AT HEIGHT, RISK OF PERSONNEL FALLING
OII, PERSONAL INJURY TO WORKERS DUE TO CONTACT WITH TRAINS
OIV, SLIP/TRIP/FALLS DUE TO UNEVEN OR STEEP GROUND
OV, DISTURBANCE TO LOCAL AREA AND ENVIRONMENT
OVI, CONTAMINATION TO ENVIRONMENT AND SPECIES
OVII, INJURY OR INFECTION DUE TO CONTACT TO HAZARDOUS MATERIAL
OVIII, DAMAGE TO SERVICE CABLES LAID ALONG THE BALLAST
OIX, PERSONAL INJURY DUE TO WORKING NEAR/ABOVE WATER
OX, BRIDGE/SCAFFOLD IMPACTED BY LARGE OBJECT DURING FLOODING EVENTS
OXI, ABUTMENT INSTABILITY DURING CONSTRUCTION WORKS
OXII, STABILITY FAILURE OF THE 'I' SHAPE RETENTION UNITS

DISMANTLING/DEMOLITION
DI, OVERTURNING OF ABUTMENT AFTER EXISTING DECK HAS BEEN REMOVED

THESE NOTES ARE BASED ON THE USE OF EXPERIENCED AND COMPETENT CONTRACTORS CARRYING OUT THE WORK USING AN APPROVED SAFE METHOD OF WORKING. A RESIDUAL RISK AND HAZARD DOCUMENT HAS BEEN CREAT FOR A MORE DETAILED ASSESSMENT.

- Legend/Notes
- DO NOT SCALE FROM THIS DRAWING
 - THIS DRAWING IS TO BE PRINTED IN COLOUR
 - ALL DIMENSIONS ARE IN MILLIMETRES AND LEVELS IN METRES AOD UNLESS OTHERWISE STATED
 - THE DRAWING IS BASED ON TOPOGRAPHICAL SURVEY RECEIVED FROM ANTHONY BROOKES SURVEYS LTD, DRAWING No. A321/11884/1
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE FOLLOWING DRAWINGS:
162906-CGE-DRG-ECV-000001,
162906-CGE-DRG-ECV-000002, AND
162906-CGE-DRG-ECV-000003.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE FOLLOWING DOCUMENTS:
a. 162906-CGE-F03-ECV-000001
 - THE STRUCTURE REMAINS AS LIMITED CLEARANCE AND NEW SIGNS SHALL BE INSTALLED ON BOTH APPROACHES ON BOTH UPSIDE AND DOWNSIDE
 - EXISTING ABUTMENTS TO BE BROKEN DOWN TO APPROPRIATE LEVEL TO RECEIVE MORTAR BED AND PROPOSED NEW CILL BEAM
 - EXISTING CABLES ON BOTH THE UPSIDE AND DOWNSIDE TO BE TEMPORARILY REMOVED, SUPPORTED AND REINSTATED IN CABLE ROUTES CONTAINED BELOW PROPOSED WALKWAYS
 - EXCAVATION TO BE CARRIED OUT AT THE BACK OF THE ABUTMENTS DURING CONSTRUCTION. DECK TO BE FIXED TO THE ABUTMENT IN ORDER TO ACT AS A PROP IN THE PERMANENT STATE.
 - TEMPORARY WORKS REQUIREMENTS TO BE DETERMINED AT DETAILED DESIGN STAGE
 - BALLAST DEPTHS TO BE MINIMUM OF 250mm ACROSS THE STRUCTURE FOR WATERPROOFING PROTECTION



B01	19/05/21	First Issue	MM	MG	SAG
P01.1	14/05/21	First Issue	MM	MG	SAG
Rev	Date	Description of Revisions	Drawn	Chkd	Appr
Status					Suitability

Fit for Internal Review & Comment S3



Authorised		Signed		Date
Contractor(s)				
CENTREGREAT RAIL				
Location				
ABERDOVEY, WALES, LL35 ORG				
Type		Sub-type		
CAD Drawing				
Role		Sub-Role		
Civil Engineer		Structures and Buildings		
Zone		Wales Region		
Phasing		Grip Stage		5
Region				
Western and Wales				
Contract No.				
162906				
Contract Title				
Pant Eidal Bridge				
Drawing Title				
EXISTING GENERAL ARRANGEMENT SECTION AND ELEVATION				
Designed		Signed		Date
M. GOPAL		Electronically Signed		29/03/21
Drawn		Signed		Date
M. MITCHELL		Electronically Signed		29/03/21
Checked		Signed		Date
M. GOPAL				15/05/21
Approved		Signed		Date
S. ALARCON GENER				15/05/21
Scale(s)		ELR & Mileage		
As Shown		81m 31.75ch to		0
Alternative Reference				Sheet
162906-CGE-DRG-ECV-000004				of
Drawing Number				Revision
162906-CGE-WLS-DJP-DRG-ECV-000004				B01