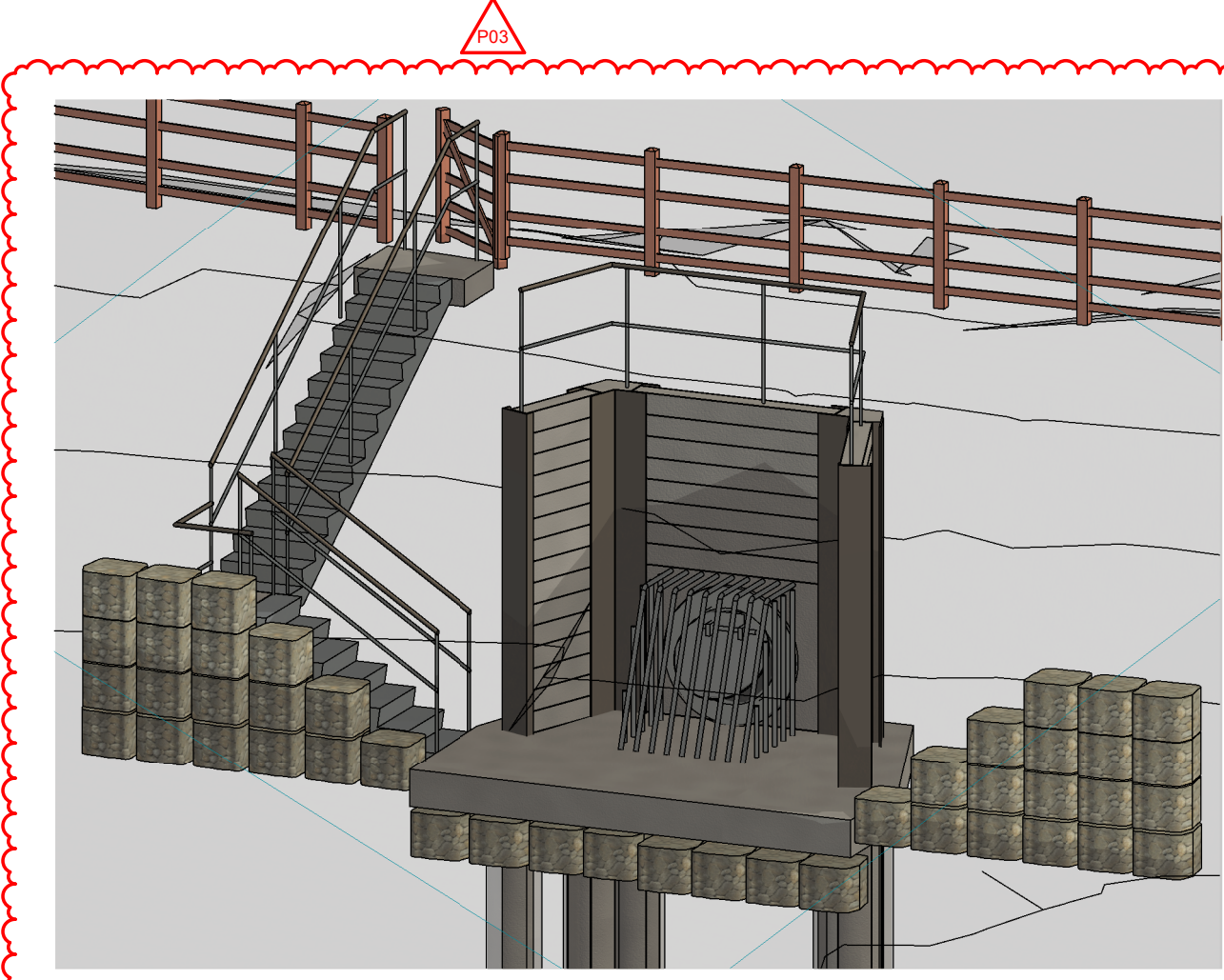
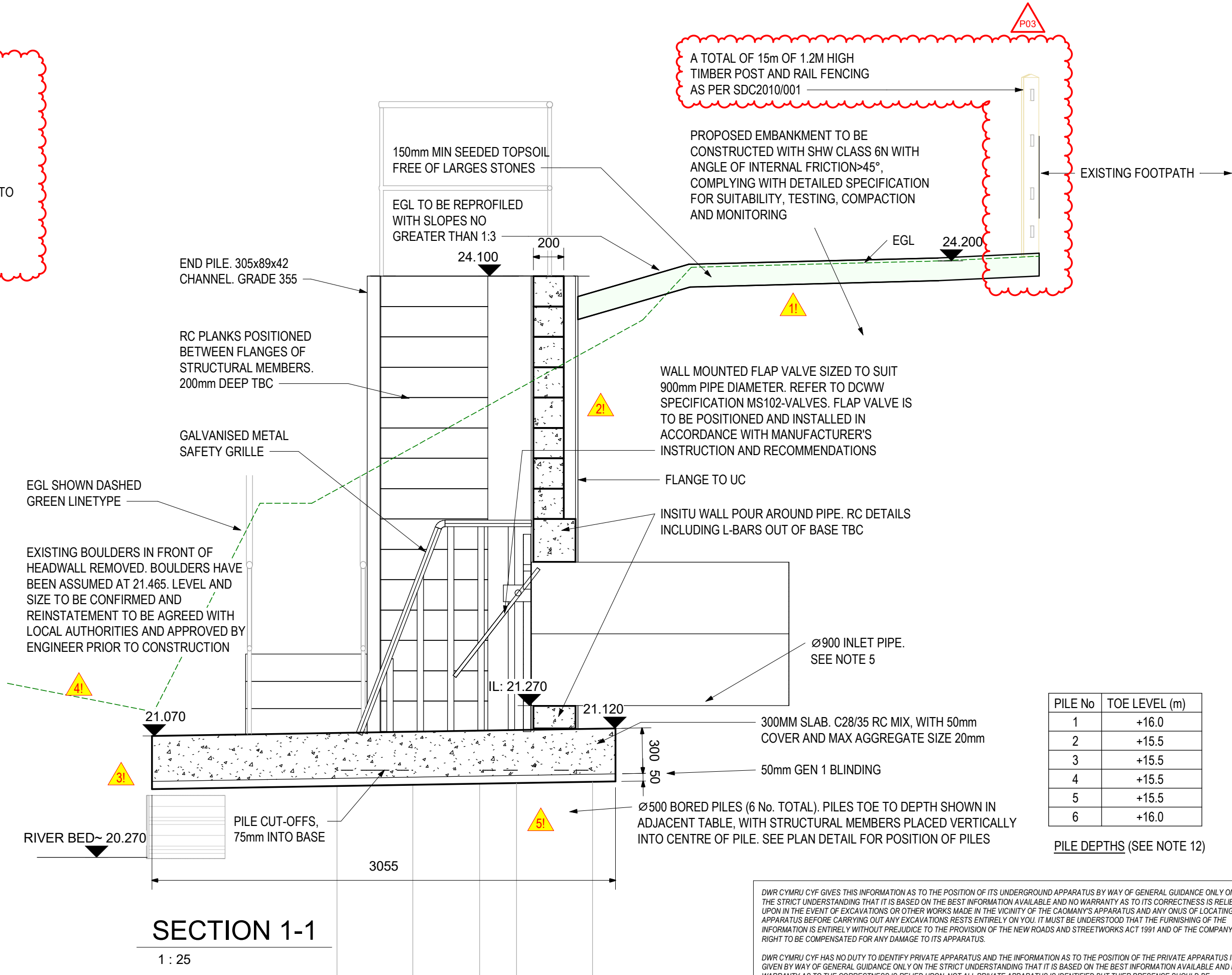
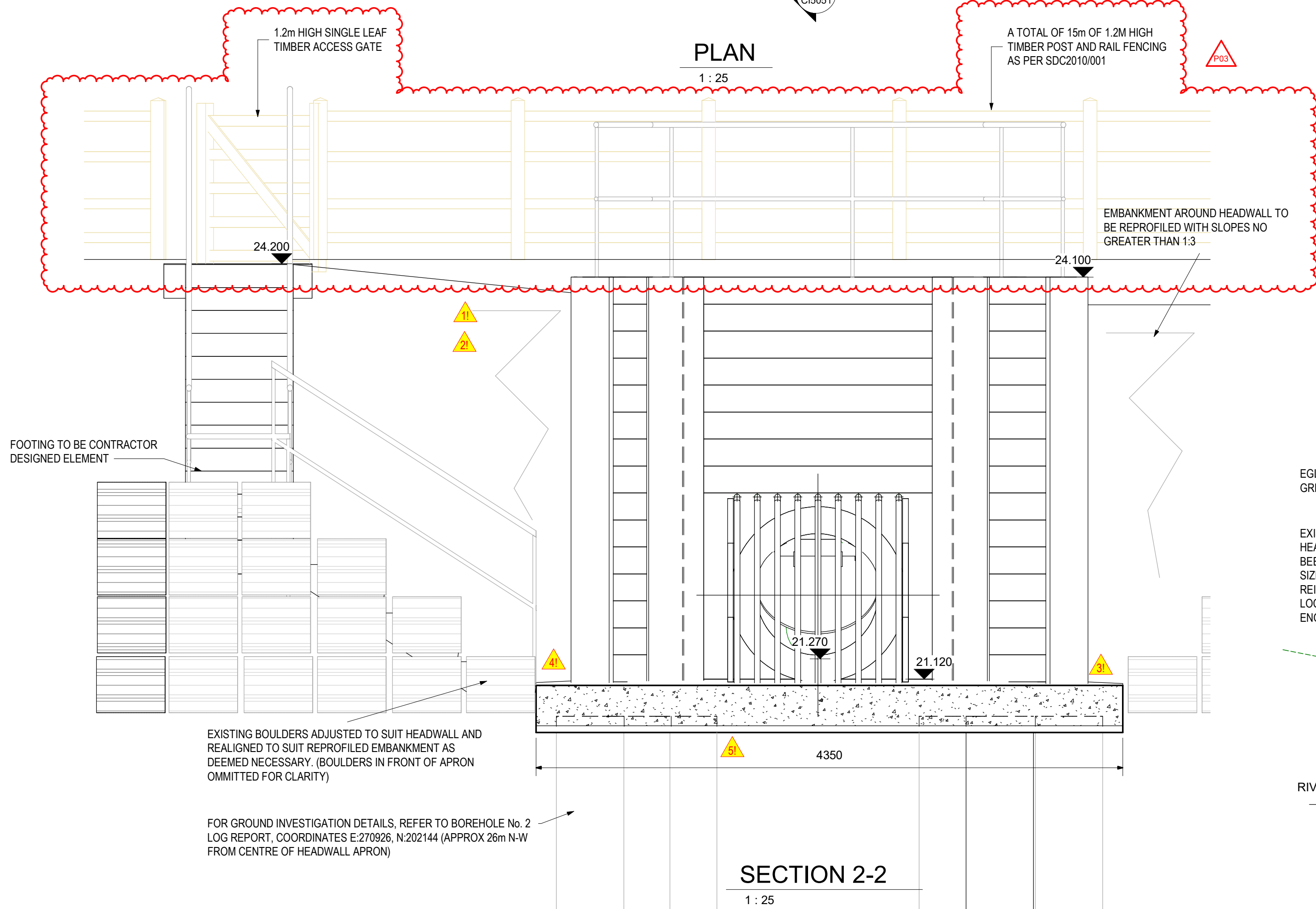
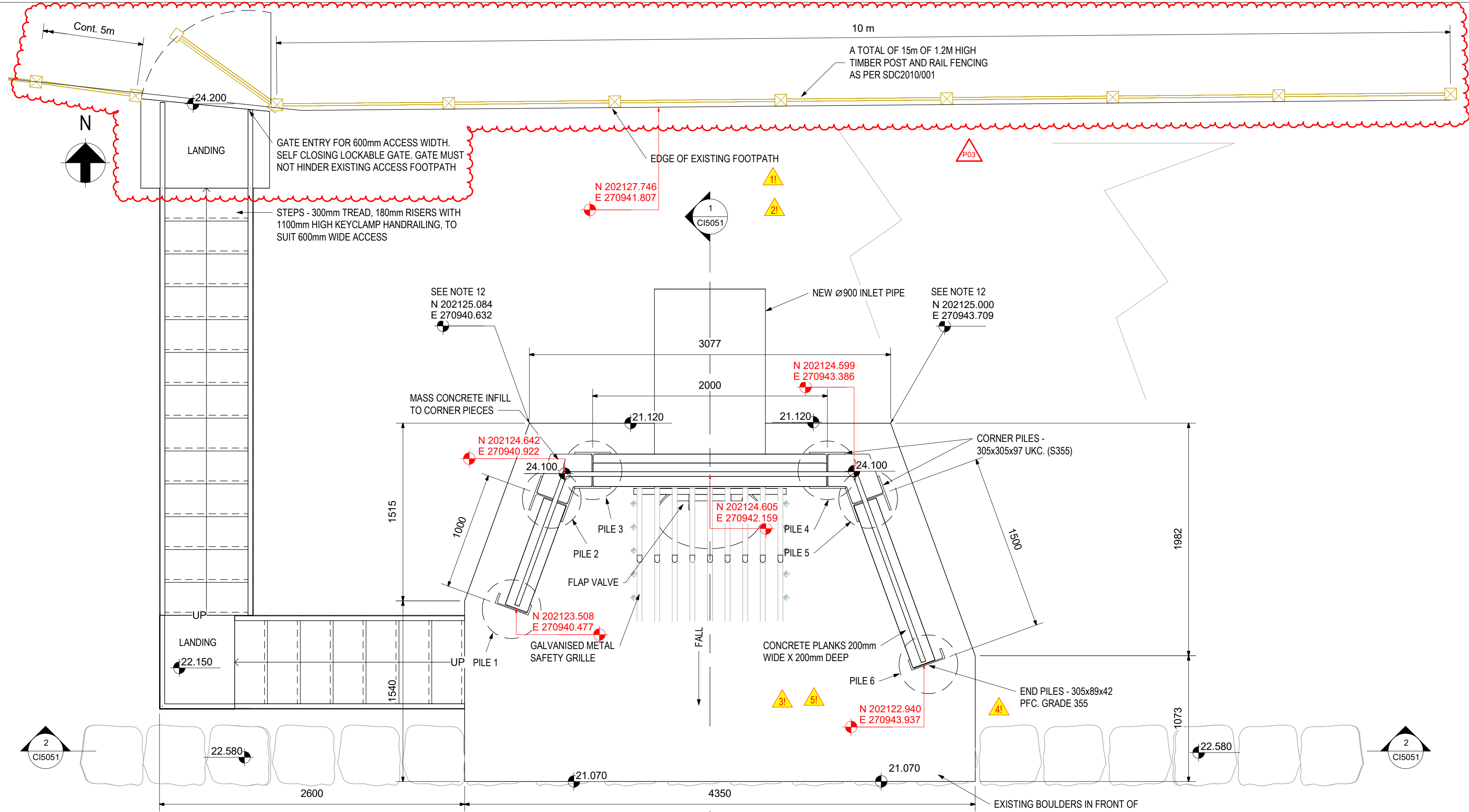




- NOTES:**
- ALL LEVELS & DIMENSIONS IN METRES UNLESS NOTED OTHERWISE (U.N.O.)
 - REFER TO GENERAL NOTES DRAWING FOR DETAILS OF CONCRETE GRADES, COVER, BLINDING, FINISHES ETC.
 - EXISTING SERVICES TAKEN FROM AS BUILT RECORDS AND CANNOT BE RELIED UPON FOR ACCURACY. SERVICES HAVE BEEN OBSERVED ON SITE WHERE NO RECORDS ARE AVAILABLE.
 - LINE & LEVEL OF EXISTING UTILITIES TO BE CONFIRMED AT START OF CONSTRUCTION.
 - PIPE BEDDING TO BE CLASS S AS PER DCWW DETAIL SDC 2003/001.
 - TRENCH AND ROAD TO BE REINSTATED AS PER DCWW STANDARD DETAIL SDC 2002 SERIES.
 - ALL PIPEWORK WITHIN GRASSLAND WITH LESS THAN 0.9m COVER TO BE ENCASED IN MIN 150mm CONCRETE SURROUND AS PER SDC DETAIL 2003/003.
 - ALL PIPEWORK WITHIN ROAD AND VERGE WITH LESS THAN 1.2m COVER TO BE ENCASED IN MIN 150mm CONCRETE SURROUND AS PER SDC DETAIL 2003/003.
 - VEGETATION CLEARANCE REQUIRED FOR THE INSTALLATION OF THE NEW HEADWALL. JAPANESE KNOTWEED HAS BEEN NOTED ON THE RIVER BANKS - APPROPRIATE MANAGEMENT PLAN OF INVASIVE SPECIES IS REQUIRED BY THE NRW.
 - A FRAP IS REQUIRED PRIOR TO ANY CONSTRUCTION WORKS COMMENCING.
 - ANY TEMPORARY OR PERMANENT FOOTPATH DIVERSIONS ARE TO BE ARRANGED BY THE CONTRACTOR.
 - THE PRECISE LOCATION OF THE HEADWALL IS TO BE AGREED ON SITE WITH THE ENGINEER FOLLOWING VEGETATION CLEARANCE. ONCE AGREED, SETTING OUT INFORMATION FOR PILES/APRON CAN BE ADJUSTED.

- REFERENCE DRAWINGS:**
- B16241-103503-01-ZZ-DR-CA-C15050 - PIPE NETWORK, FINAL EFFLUENT TO OUTFALL, PLAN & PROFILE

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING:

- CONSTRUCTION:**
- EXISTING GROUND STABILITY OF THE FLOOD BUND IS UNKNOWN.
 - EXCAVATED MATERIAL COULD BE CONTAMINATED.
 - RISK OF DROWNING - WORKING CLOSE TO & WITHIN THE RIVER WITH FLUCTUATING WATER LEVELS.
 - ENVIRONMENTAL RISK OF WORKING NEAR A WATERCOURSE.
 - CONTRACTOR TO DETERMINE REQUIREMENT FOR PILING MAT AND OTHER TEMPORARY WORKS AND ASSESS STABILITY OF RIVERBANK FOR THEIR SELECTED PLANT

MAINTENANCE / CLEANING / OPERATION:

WORKS ARE NOT PERMITTED WITHOUT RELEVANT CONSENT. BIENNIAL VISUAL CHECKS ARE RECOMMENDED FOR THE HEADWALL AND HANDRAILS.

DECOMMISSIONING / DEMOLITION:

REFER TO THE DESIGN RISK REGISTER FOR FURTHER DETAILS. IT IS ASSUMED THAT ALL THE WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WHO HAS CARRIED OUT A COMPREHENSIVE RISK ASSESSMENT.

SCALE: 1:25

P03	FENCE DETAIL ADDED	SSJ	GS	BMB	09.02.24
P02	FOR INFORMATION	TD	GS	BMB	03.08.23
P01	FOR INFORMATION	TD	GS	BMB	12.07.23
Rev.	Description	Drawn	Chkd.	Appd.	Issue Date



Project Name: TREBANOS WwTW

Drawing Title: HEADWALL OUTFALL DETAILS

Suitability: FOR INFORMATION

Originator:	TD	Designer:	GS	Date:	08/01/23
Internal Project Number:	275281	Scale:	1:25@A1	Rev.	P03

Drawing Number: B16241-102503-01-ZZ-DR-CA-C15051

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DWR CYMRU CYF HAS NO DUTY TO IDENTIFY PRIVATE APPARATUS AND THE INFORMATION AS TO THE POSITION OF THE PRIVATE APPARATUS IS GIVEN BY WAY OF GENERAL GUIDANCE ONLY ON THE STRICT UNDERSTANDING THAT IT IS BASED ON THE BEST INFORMATION AVAILABLE AND NO WARRANTY AS TO THE CORRECTNESS IS RELIED UPON. NOT ALL PRIVATE APPARATUS IS IDENTIFIED BUT THEIR PRESENCE SHOULD BE ANTICIPATED.