

Notes:
The limits, including the height and depths of the Works, shown in this drawing are not to be taken as limiting the obligations of the contractor under Contract.

- Notes
- All dimensions in millimetres unless stated otherwise.
 - All levels in metres above Ordnance Datum (m OD) unless stated otherwise.
 - Rip Rap grading:-
D₁₅ - 315mm, D₃₀ - 470mm, D₅₀ - 705mm
M₁₅ - 80kg, M₃₀ - 270kg, M₅₀ - 915kg.
 - Filter grading:-
D₁₅ - 67mm, D₃₀ - 100mm, D₅₀ - 150mm.
 - Refer to EOP 5 (122782-BVL-Z0-00-DR-I-00009) for additional mitigation and enhancement works required.
 - Typical berm dimensions calculated in 122918-BVL-Z0-00-CL-J-00001:-
Berm level = 162.5mOD.
Max. berm width 6m.
Max total span of berm from crest = 9m.
 - Intermediate pinning of Enkamat using mild steel fixing pins installed at 1m centres.
 - Slopes to be prepared as per the specification prior to laying of the Enkamat and geotextile.
 - Enkamat and geotextile provided as per the specification.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDS OR RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, THE FOLLOWING SIGNIFICANT RESIDUAL RISKS SHOULD BE NOTED. FURTHER DETAILS ARE INCLUDED IN THE CDM DESIGN RISK MANAGEMENT REGISTER

CONSTRUCTION :

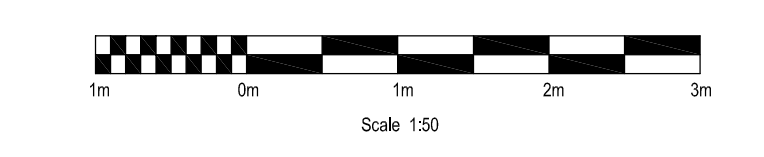
- S1 - ACCESS AND MANOEUVRING HEAVY PLANT.
- S2 - LIFTING AND PLACING RIP RAP.
- S4 - POLLUTION.
- S5 - FLOODING OF WORKING AREA.
- S6 - WORKING UNDER OVERHEAD HV CABLES.
- S7 - WORKING ADJACENT TO SACRAMSAR HABITATS.
- S8 - INTERACTION WITH BALA RAILWAY.
- S9 - INTEGRITY OF RIP RAP PROTECTION
- S10 - CONSTRUCTION RELATED TRAFFIC.
- S11 - DAMAGE TO ENKAMAT

MAINTENANCE, CLEANING AND OPERATION :

- S8 - INTERACTION WITH BALA RAILWAY.
- S9 - INTEGRITY OF RIP RAP PROTECTION.
- S11 - DAMAGE TO ENKAMAT.

DECOMMISSIONING OR DEMOLITION :

- S1 - ACCESS AND MANOEUVRING HEAVY PLANT.
- S2 - LIFTING AND PLACING RIP RAP.
- S4 - POLLUTION.
- S5 - FLOODING OF WORKING AREA.
- S6 - WORKING UNDER OVERHEAD HV CABLES.
- S7 - WORKING ADJACENT TO SACRAMSAR HABITATS.



P01	JR	BS	SPC	SPC	04/07/19	For client review
P02	JR	BS	JH	JH	04/09/19	For Client Review
P03	JR	BS	JH	JH	31/10/19	For Client Review
Rev	Drawn	Chkd	Rwd	Apprvd	Date	Description

Designed by: _____ Date: _____
Status: S8 Suitable for client review, comment and/or approval

Client
Cyfoeth Naturiol Cymru
Natural Resources Wales

Client Drawing No. _____ Revision _____
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Project
LLYN TEGID DESIGN AND PLANNING

Drawing title
LLYN TEGID
SECTIONS 4.0, 4.1, 4.2 AND 4.3
SHEET 2 OF 3

Drawing scale: 1:50	Sheet size: A1
Revision no. 122918-BVL-Z0-00-DR-C-10013	Revision P03

