

100
Millimetres
0 10

DO NOT SCALE

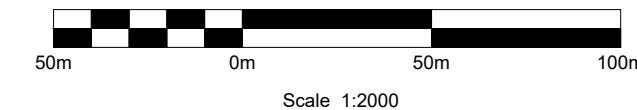


DEPOT PHASE PLANNING
PERMISSION BOUNDARY

ATTENUATION BASIN

ONLLWYN HIGHWAY
CLERGYMANS BRIDGE
(TO BE DESIGNED BY OTHERS)

PLAN
1:2000



NOTES

- DRAWING TO BE READ IN CONJUNCTION WITH RELEVANT EARTHWORKS AND DRAINAGE SERIES DRAWINGS LISTED ON THE DEPOT PHASE GENERAL NOTES REF: GCRE001-AWJV-EW-XX-DR-CE-00001.
- DO NOT SCALE FROM DRAWING.
- PROPOSED EARTHWORKS AT THE WASHERY SHALL BE CONSTRUCTED WITH SIDE SLOPES NOT EXCEEDING:
 - 1V : 2.5H FOR EMBANKMENTS
 - 1V : 2.5H FOR CUTTINGS

LEGEND

- PROPOSED RAIL SYSTEMS (BY ARCADIS)
- DEPOT PHASE PLANNING PERMISSION BOUNDARY
- ORDNANCE SURVEY MAPPING

EARTHWORKS CUT AND FILL LEGEND

Cut / Fill	Minimum Level	Maximum Level	Color
CUT	-6.292	-5.000	Red
	-5.000	-4.000	Orange
	-4.000	-3.000	Yellow
	-3.000	-2.000	Light Green
	-2.000	-1.000	Green
	-1.000	0.000	Dark Green
FILL	0.000	1.000	Blue
	1.000	2.000	Light Blue
	2.000	3.000	Medium Blue
	3.000	4.000	Dark Blue
	4.000	5.000	Purple
	5.000	6.000	Dark Purple
	6.000	7.580	Magenta

THE PROPOSED EARTHWORKS COMPRISE SOIL CUTTING SLOPES UP TO 4.45 m DEEP AND EMBANKMENT SLOPES UP TO 5 m IN HEIGHT. HOWEVER A STOCKPILE OF MAXIMUM 2.58 m HAS BEEN PROPOSED OVER THE FINISHED NORTHERN EMBANKMENT AS A MEANS OF STORING CUT MATERIAL, WHICH INCREASES THE TEMPORARY TOTAL HEIGHT OF THE EMBANKMENT TO 7.58 m.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards / risks normally associated with the type of work detailed on this drawing, note the following with reference to GCRE001-AWJV-EW-XX-RP-GE-00011:

CONSTRUCTION

- C1. Encountering unrecorded mine workings / adits.
- C2. Potential for coal exposure and ignition.
- C3. Presence of soft ground at shallow depths.
- C4. Encountering historical buried structures.
- C5. Potential for mine gas exposure.
- C6. Potential exposure to contaminated ground (such as asbestos).
- C7. Potential exposure to contaminated water.
- C8. Artesian groundwater.

MAINTENANCE/CLEANING

- M1. Post construction differential settlement.

DECOMMISSIONING/DEMOLITION

N/A

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement

P04	03/05/24	FOR COMMENT	JH	DC	PN
P03	30-05-23	FOR COMMENT	ST	JT	RH
P02	28-04-23	FOR COMMENT	ST	JT	RH
P01	17-02-23	Preliminary	RH	JT	RH

Rev.	Date	Description	By	Cnk'd	App'd
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Drawing Status
SUITABLE FOR REVIEW AND COMMENT

Suitability
S3

WALTERS AtkinsRéalís

Client
GCRE
Global Centre of Rail Excellence
Canolfan Fyd-Eang Rhagoriaeth Rheilffyrdd

Project Title
GLOBAL CENTRE OF RAIL EXCELLENCE

Drawing Title
**DEPOT PHASE
EARTHWORKS PLATEAU
CUT & FILL PLAN**

Scale	Drawn	Checked	Approved	Authorised
1:2000	JH	DC	PN	SH
Original Size	Date	Date	Date	Date
A1	03/05/2024	03/05/2024	03/05/2024	03/05/2024

Drawing Number
GCRE001-AWJV-EW-XX-DR-CE-00004

Revision
P04