

Bund 1
 Volume topsoil excavated (approx.): 980m³
 Volume spoil reused (approx.): 4075m³

Extension to bund 1 formed.
 Crest of bund 1m wide, minimum level 66.0mAOD. Side slopes 1:2.

Bund ties in with existing canal bank as instructed by Project Manager.

Note: All bunds formed by excavating 0.4m of topsoil then placing spoil with depths and side slopes as shown by hatching. Backfilling done as per Scope.
 Drawing shows maximum extents of each landscape bund. Bunds are to be constructed with an undulating finish as directed by the Project Manager.

Bund 3
 Volume topsoil excavated (approx.): 3395m³
 Volume spoil reused (approx.): 14980m³

Bund 2
 Volume topsoil excavated (approx.): 1770m³
 Volume spoil reused (approx.): 8215m³

Note: there are currently services crossing this site as shown on drawing 00101. These cross through the centre of the site and prevent construction of the works. These services will be diverted by the Trust prior to commencement of works.
 The diverted services will be within the site footprint but the exact location is not know. Indicative location shown on drawing 00101, based on Hafren Dyfrdwy drawing 1110816-Coppice Lane Powys -H7W01102-CY-0101- A (C), Rev A 21.05.24. Contractor to confirm positions of diverted services prior to commencement of works.

- NOTES:**
- Do not scale from this drawing. Use figured dimensions only.
 - All dimensions are indicative and are to be confirmed on site.
 - All dimensions are in millimetres unless noted otherwise. All levels in metres relative to ordnance datum.
 - This drawing should be printed in colour.
 - There is some ambiguity around the exact location of services as service plan information does not align directly with visible features picked up in the topographic survey. The Contractor should confirm the presence and details of all existing structures, pipelines and other services prior to commencement of the works.
 - Topographic survey information taken from Survey Operations drawing 22C173. For areas where there is a lack of topographic points from the survey, topographic data has been compiled through freely available LiDAR from UK Government Portal. All these levels must be confirmed by the Contractor prior to commencement of the works.
 - To be read in conjunction with the following documents:
 - Drawings 10048826-ARC-EWE-R1-DR-CE-00101 to 00110 (except 00103, 00108 and 00109)
 - 10048826-ARC-EWE-R1-TH-CE-00101 DRA
 - Canal & River Trust standard detail STD-CRT-ZZ-ZZ-02-DR-C-06

LEGEND

- Red line boundary
- Trust land ownership
- 11kV overhead cables
- 1:2 slope
- EGL +2m
- EGL +1.6m
- Bund ties into EGL with nominal fall towards reserve

Rev	Date	Description	Prod.	Chk.	Rev.	App.
P02	21/06/24	For approval	EF	AC	AH	AH
P01	26/03/24	For review and comment	EF	AC	AH	AH



Project: **Montgomery Canal Restoration Wern Nature Reserve**

Site: Coppice Lane, Welshpool SY21 9UX
 Client: Canal & River Trust, National Waterways Museum, Ellesmere Port, Cheshire CH65 4FW



Registered office: 80 Fenchurch Street, London EC3M 4BY
 Coordinating office: 1st Floor, 12 King St, Leeds, LS1 2HL, Tel: 44 (0)113 284 5300
 www.arcadis.com © Copyright reserved

Drawing Title: **Wern Nature Reserve Bund Fill Details**

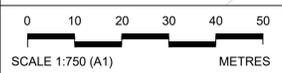
Design Stage	Designed	Signed	Date
Detailed design	E. Flynn	E.F.	22/03/24
	E. Flynn	E.F.	22/03/24
Design	A. Carter	A.C.	25/03/24
	A. Holt	A.H.	26/03/24
Approval	A. Holt	A.H.	26/03/24
	A. Holt	A.H.	26/03/24

Original Size	Grid	OS	Datum
A1	OS	OS	AOD

Suitability Code: S4
 Scale: As shown
 Project Number: 10048826

Suitability Description: **FOR APPROVAL**

All levels and dimensions are shown indicatively and may be changed to suit site conditions. Exact levels and dimensions to be agreed on site with Supervisor.



Plan
1: 750

© OS Crown copyright

Drawing Number: 10048826 - ARC - EWE R1 - DR - CE - 00105
 Revision: P02