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## NOTES

1. ALL LEVELS IN METERS TO MALIN HEAD DATUM
2. ALL COORDINATES ARE TO IRISH TRANSVERSE MERCATOR.
3. A MINIMUM FREEBOARD IS PROVIDED OF 300MM FOR WALLS AND 500MM FOR EMBANKMENT.

## LEGEND

- PROPOSED CONCRETE FLOOD DEFENCE WALL
- PROPOSED FLOOD DEFENCE WALL TO BE FINISHED IN STONE (REUSED IF APPROPRIATE)
- SUITABLE FILL MATERIAL
- SUITABLE BACKFILL MATERIAL (REUSABLE EXCAVATED MATERIAL)
- EXISTING WALL/STRUCTURE TO BE REMOVED
- EXISTING WALL TO BE REDUCED TO GROUND LEVEL AND RECYCLE STONE FOR REUSE
- EXPECTED 1% AEP WATER LEVEL FOR PRESENT DAY SCENARIO
- EXPECTED 1% AEP WATER LEVEL FOR HIGH END FUTURE SCENARIO

## KEY

- TOE TOP OF EMBANKMENT
- TOW TOP OF WALL
- TOR TOP OF RAIL
- TOF TOP OF FENCE
- HEFS HIGH END FUTURE SCENARIO
- AEP ANNUAL EXCEEDANCE PROBABILITY
- OD ORDNANCE DATUM

Rev.	Suit.	Description	Drawn	Chkd	Date
C01	A1	ISSUED FOR PLANNING	DG	ED	28/10/25

Client

**OPW** Oifig na nOibreacha Poiblí  
Office of Public Works

**Laos County Council**  
Áras an Chontae, Portlaoise, Co.Laois

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Project

**MOUNTMELICK FLOOD RELIEF SCHEME**

Drawing Title

**SECTIONS SHEET-9 OF 9**

Drawn by :	DG	Date :	05/03/24
Checked by :	MG	Date :	18/12/24
Approved by :	ED	Date :	28/10/25
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Stage :	PLANNING		
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FOUNDATIONS SHOWN ARE INDICATIVE ONLY  
AND ARE SUBJECT TO DETAILED DESIGN  
FOLLOWING FURTHER SITE INVESTIGATIONS

AN COIMISIUN PLEANÁLA  
28 OCT 2025  
LTR DATED FROM  
LDG-  
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