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#### NOTES

- ALL LEVELS IN METERS TO MALIN HEAD DATUM
- ALL COORDINATES ARE TO IRISH TRANSVERSE MERCATOR.
- 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	Ch'kd	Date
C01	A1	ISSUED FOR PLANNING	DG	ED	28/10/25

Client

 **OPW** Óifig na nOibreacha Poiblí  
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 **Laois County Council**  
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Project

**MOUNTMELICK FLOOD RELIEF SCHEME**

Drawing Title

**SECTIONS  
SHEET-1 OF 9**

Drawn by :	DG	Date :	05/03/24
Checked by :	MG	Date :	18/12/24
Approved by :	ED	Date :	28/10/25
Internal Project REF :	Egis: 19105	JBA: 2019s1073	

Scales : **1:100 @A1**

Stage : **PLANNING**

Drawing No. :	Revision	Suitability Code
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