



© Copyright
This drawing and any design hereon is the copyright of the
Consultants and must not be reproduced without their written
consent.

All drawings remain the property of the Consultants.

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 ORDANCE DATUM

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

Client

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

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

Clients Representative

 **egis**

 **JBA consulting**

Egis Engineering Ireland Ltd.
Classon House, Dundrum Business Park, Dundrum Road, Dublin 14
www.egis-group.com

JBA Consulting Engineers and Scientists Limited
24 Grove Island, Corbally, Limerick
www.jbaconsulting.ie

Project

MOUNTMELICK FLOOD RELIEF SCHEME

Drawing Title

**SECTIONS
SHEET-8 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
19105-JBB-XX-XX-DR-C-02758	C01	A1

FOUNDATIONS SHOWN ARE INDICATIVE ONLY
AND ARE SUBJECT TO DETAILED DESIGN
FOLLOWING FURTHER SITE INVESTIGATIONS