



© 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 ORDNANCE DATUM

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



**Egis Engineering Ireland Ltd.**  
Classton 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-5 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. :	19105-JBB-XX-XX-DR-C-02755	Revision :	C01
		Suitability Code :	A1

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