PROPOSED FLOOD DEFENCE WALL WITH SECURITY FENCING

PROPOSED BOUNDARY HEDGING

R.L. 74.25m

PROPOSED ACCESS ROAD TO BE FINISHED IN GRASSCRETE

MH-D2 (Storm Overflow)
CL=74.2mOD
ENTRY IL=71.853mOD
EXIT IL=71.846mOD

PROPOSED STORM OVERFLOW CHAMBER

PROPOSED BOUNDARY HEDGING

PROPOSED 750mm SURFACE WATER PIPE

R.L. 74.17m

MH-D3
CL=74.00mOD
IL=71.87mOD

PROPOSED 400mm SURFACE WATER PIPE

MH-D3.1
CL=74.00mOD
IL=72.12mOD

OUTFALL LEVEL IL=71.80mOD

PROPOSED NEW HEADWALL FOR GRAVITY STORM WATER DRAINAGE OUTFALL

MH-D1
CL=73.80mOD
IL=71.804mOD

R.L.74.26m

PROPOSED 450mm SURFACE WATER PIPE

PROPOSED WET WELL CHAMBER 5.5m DIA.

R.L. 74.15m

PROPOSED VALVE CHAMBER

PROPOSED 450mm RISING MAIN

EXISTING OUTFALL PIPE TO BE DECOMMISSIONED

PROPOSED NEW HEADWALL FOR RISING MAIN OUTFALL

PROPOSED GANTRY CRANE FOR REMOVAL OF STORM WATER PUMPS

MH-D4
CL=74.18mOD
IL=72.205mOD

MH-D5
CL=74.00mOD
IL=72.206mOD

EXISTING SURFACE WATER DRAINAGE TO THE EAST TO BE INTERCEPTED & DIVERTED TO NEW OUTFALL LOCATION

MH-D3.2
(INTERCEPTION MANHOLE
CL=76.40mOD
IL=72.235mOD

MH-3.3
(INTERCEPTION MH)
CL=74.50mOD
IL=72.25mOD

R.L. 74.15m

R.L. 74.11m

R.L. 74.10m

PROPOSED PALISADE ACCESS GATE

MH-D6
CL=74.00mOD
IL=72.207mOD

PROPOSED ESB METER

PROPOSED CONTROL KIOSK (5m x 1m x 2m HIGH)

PROPOSED WET KIOSK (1m x 0.6m x 1.2m HIGH)

R.L. 74.07m

PROPOSED NEW ACCESS (DESIGNED IN ACCORDANCE WITH DMURS) TO PUMPING STATION TO REPLACE EXISTING FIELD ACCESS

R.L. 74.23m

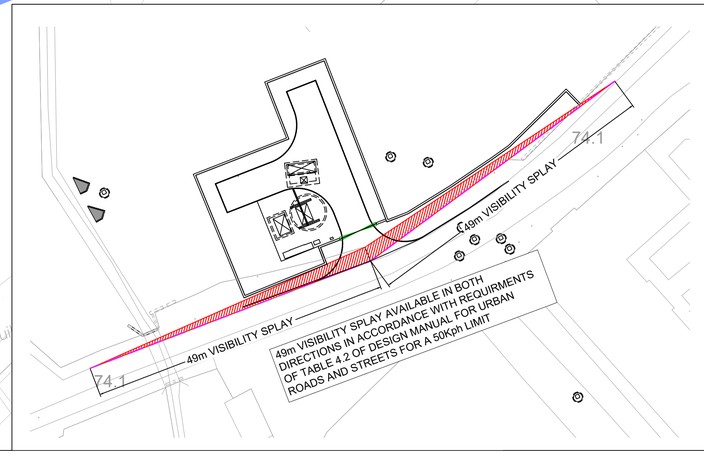
MH-D7
CL=74.51mOD
IL=72.21mOD

MH-D8
CL=74.00mOD
IL=72.215mOD

IRISHTOWN ROAD

PROPOSED FLOOD DEFENCE WALL

EXISTING OVERFLOW PIPE TO BE DECOMMISSIONED



3 0 3 6 Meters

1:100

© 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.

LEGEND

- PROPOSED ACCESS ROAD SURFACE:GRASSCRETE GROUND REINFORCEMENT
- PROPOSED GRASSED / LANDSCAPED AREAS
- PROPOSED HARDSTAND / DISHED CONCRETE
- PROPOSED GRAVEL FINISH
- X.X.XmOD — PROPOSED FINISHED GROUND LEVELS
- PROPOSED PALISADE SECURITY FENCE

PIPELINE LEGEND

- EXISTING SURFACE WATER PIPELINE
- EXISTING SURFACE WATER PIPE TO BE DECOMMISSIONED
- PROPOSED SURFACE WATER PIPELINE
- PROPOSED RISING MAIN
- PROPOSED SURFACE WATER OVERFLOW PIPE

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

Client

OPW Oifig 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

MOUNTMELLICK FLOOD RELIEF SCHEME

Drawing Title

PROPOSED PUMP STATION LAYOUT

Drawn by :	KM	Date :	23/07/24
Checked by :	ED	Date :	23/07/24
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-02860	C01	A1