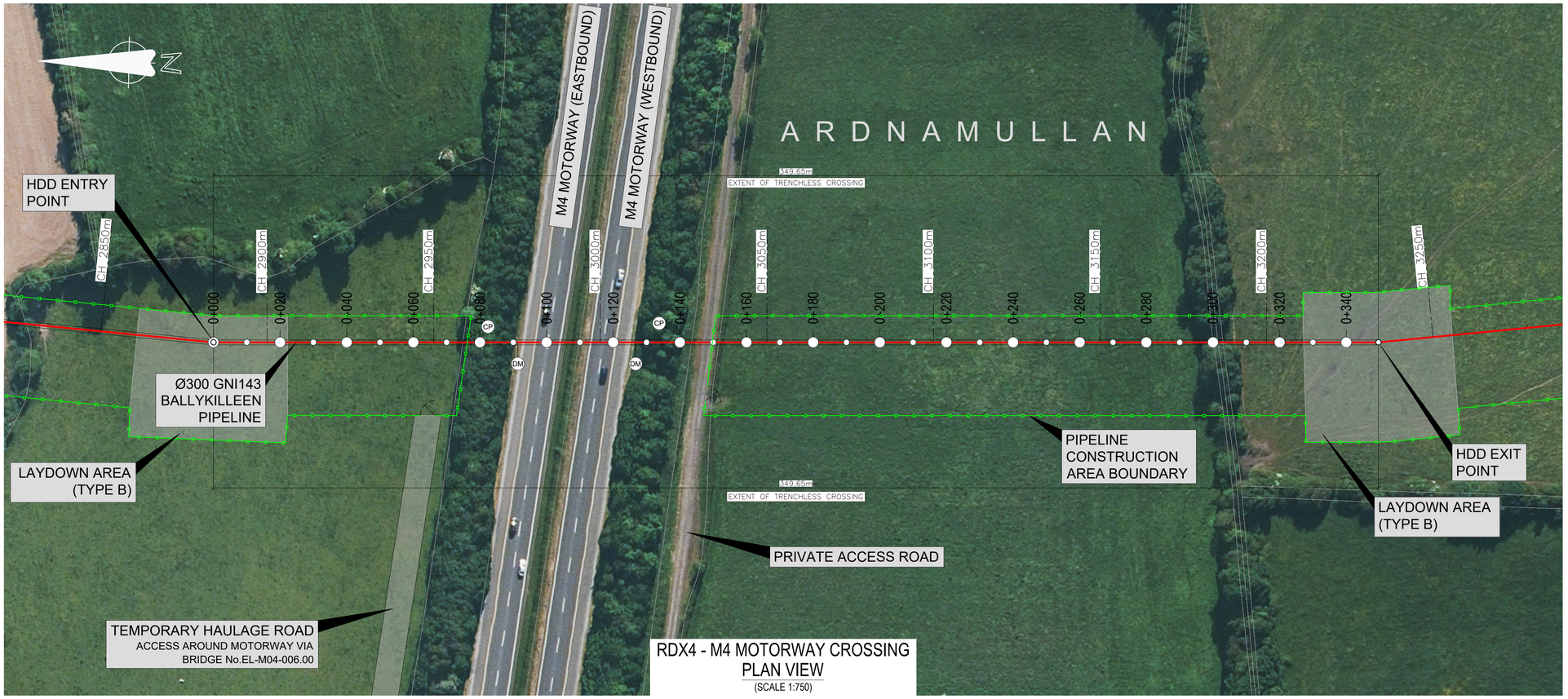
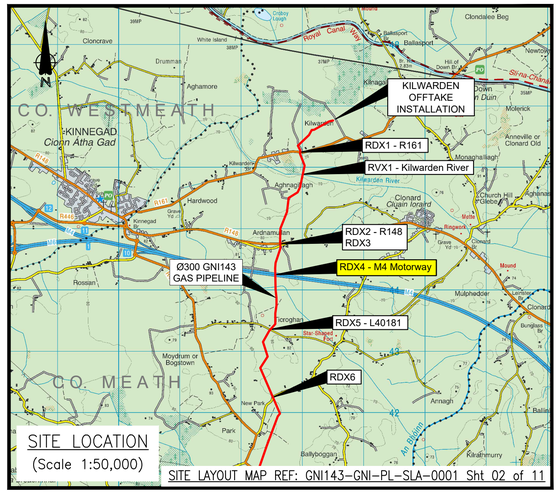


RDX4 - M4 MOTORWAY CROSSING
PLAN VIEW
(SCALE 1:750)

NOTES:

1. PIPELINE SHALL BE CONSTRUCTED IN ACCORDANCE WITH I.S. 328: 2021 AND AD/SP/007.
2. ALL DIMENSIONS, LEVELS AND CHAINAGES ARE IN METERS UNLESS OTHERWISE STATED. LEVELS ARE RELATIVE TO ORDNANCE DATUM MALIN.
3. THE PIPELINE ALIGNMENT SHOWN IS FOR PLANNING PURPOSES ONLY. CROSSING DESIGN TO BE FINALISED PRIOR TO CONSTRUCTION.
4. CONTRACTOR TO DETERMINE THE EXTENTS OF CONSTRUCTION LAYDOWN AREA. DESIGN SHOWN IS INDICATIVE ONLY.
5. CONTRACTOR TO DETERMINE THE LOCATION OF THE TEMPORARY ACCESS GATES. DESIGN SHOWN IS INDICATIVE ONLY.
6. THE EXISTING GROUND SURFACE HAS BEEN CREATED USING HEIGHT DATA OBTAINED FROM A TOPOGRAPHICAL SURVEY CONDUCTED APRIL 2025.



SITE LOCATION
(Scale 1:50,000)

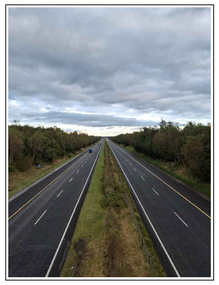
SITE LAYOUT MAP REF: GNI143-GNI-PL-SLA-0001 Sht 02 of 11

LEGEND:

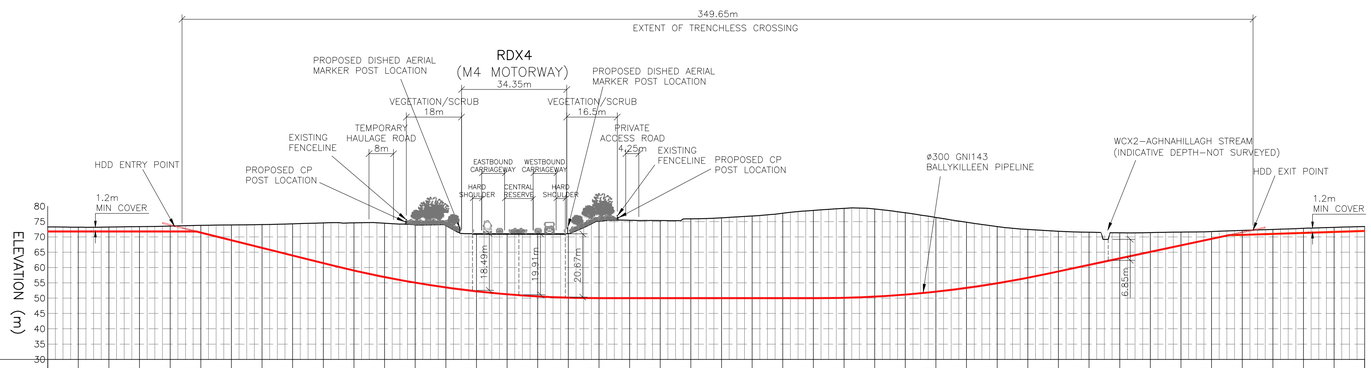
- PROPOSED PIPELINE
- HEAVY WALL PIPE
- PIPELINE CONSTRUCTION AREA BOUNDARY
- LAYDOWN AREA
- 4.5m WIDE TEMPORARY ACCESS GATES
- MP MARKER POST
- DM DISHED AERIAL MARKER POST
- CP CATHODIC PROTECTION POST

EXISTING SERVICES

- OH ELECTRICITY LINES
- UG ELECTRICITY LINES
- OH TELECOM LINES
- UG TELECOM LINES
- WATERMAINS
- FOUL / SEWER



RDX4 (M4 Motorway)



ARBITRARY CHAINAGE (m)	EXISTING GROUND LEVEL (m)	TOP OF PIPE LEVEL (m)	COVER TO T.O.P. (m)
2840.0	73.25	71.94	1.31
2850.0	73.16	71.94	1.22
2860.0	73.22	71.94	1.28
2870.0	73.34	71.94	1.40
2880.0	73.52	71.94	1.58
2890.0	73.77	71.58	2.19
2900.0	73.89	69.08	4.81
2910.0	74.01	66.59	7.42
2920.0	74.26	64.10	10.16
2930.0	74.57	61.60	12.97
2940.0	74.57	59.18	15.39
2950.0	74.47	57.05	17.42
2960.0	73.89	55.21	18.68
2970.0	73.67	53.66	20.01
2980.0	71.04	52.40	18.64
2990.0	71.03	51.42	19.61
3000.0	71.02	50.72	20.30
3010.0	71.05	50.30	20.75
3020.0	75.14	50.16	24.98
3030.0	75.41	50.16	25.25
3040.0	75.34	50.16	25.18
3050.0	75.90	50.16	25.74
3060.0	76.22	50.16	26.06
3070.0	76.81	50.16	26.65
3080.0	77.73	50.16	27.57
3090.0	78.65	50.16	28.49
3100.0	79.31	50.27	29.04
3110.0	79.11	50.66	28.45
3120.0	77.86	51.32	26.54
3130.0	76.34	52.27	24.07
3140.0	74.78	53.50	21.28
3150.0	73.38	55.01	18.37
3160.0	72.42	56.82	15.60
3170.0	71.84	58.89	12.95
3180.0	71.52	61.02	10.50
3190.0	71.33	63.14	8.19
3200.0	71.40	65.27	6.13
3210.0	71.55	67.39	4.16
3220.0	71.74	69.52	2.22
3230.0	72.12	70.81	1.31
3240.0	72.43	71.13	1.30
3250.0	72.79	71.43	1.36
3260.0	73.11	71.77	1.34
3270.0	73.40	72.10	1.30

PROFILE ALONG PIPE CENTRELINE
(SCALE 1:1000)

PLANNING ISSUE

ISSUE	REVISION	REV. BY	A	B	C	D	E	F	G
0	PLANNING ISSUE	RMD 22/04/2026	TM 22/04/2026	JC 22/04/2026					

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APPROVALS

A	DRAWING OFFICE	DRAWN BY R.McDONNELL
B	DESIGN ENGINEERING	
C	STRATEGY/PLANNING	CHECKED T.MALONE
D	DESIGN MANAGEMENT	
E	OPERATONS	APPROVAL J.CONROY
F	CONSTRUCTION	DATE 22/04/2026
G	AM/AO ADDITIONAL	

PROJECT
47327508 - Gas to Bord na Mona, Edenderry

TITLE
CROSSING DRAWING - RDX4
GNI143 Ballykilleen Pipeline

Gas Networks Ireland

DRAWING NUMBER
GNI143-GNI-PL-CRD-0003

SCALE
AS SHOWN @A1

SHEET
01 OF 01

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