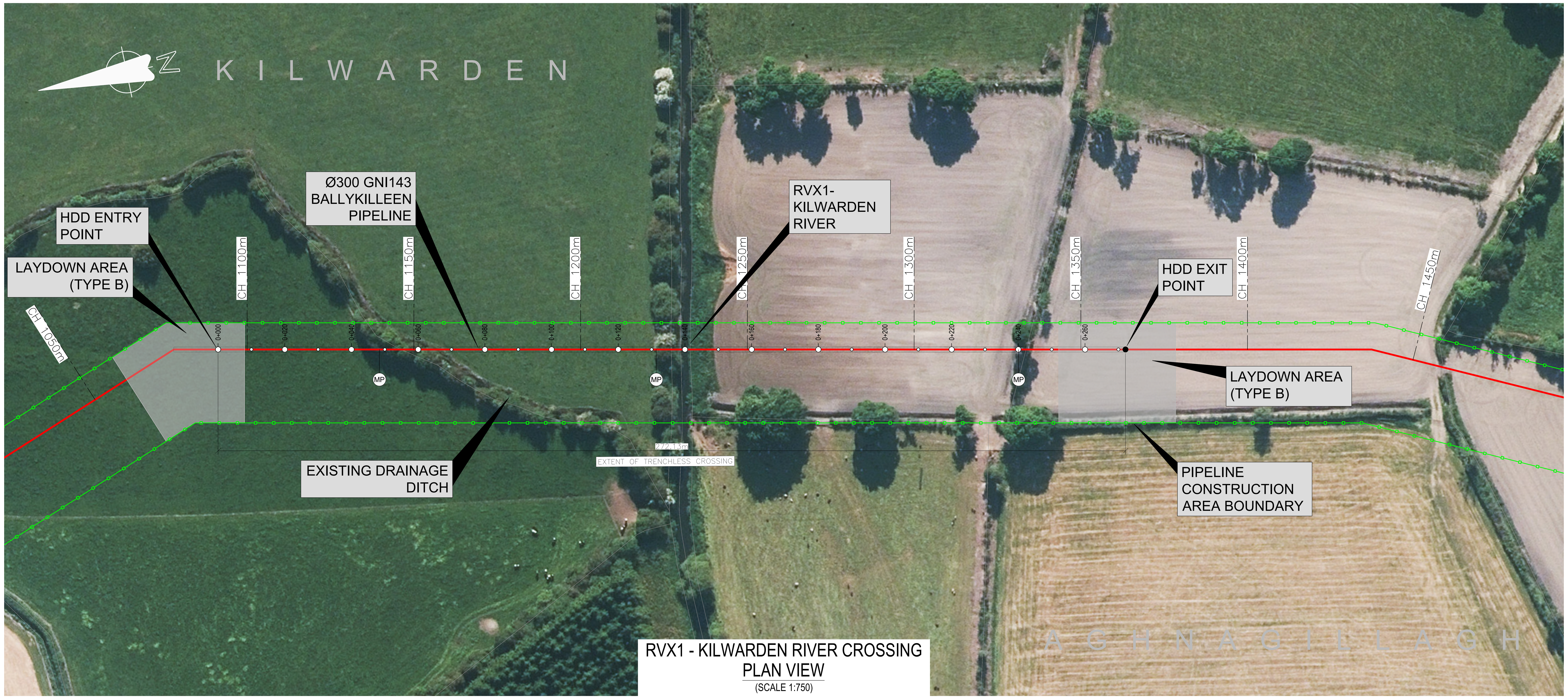
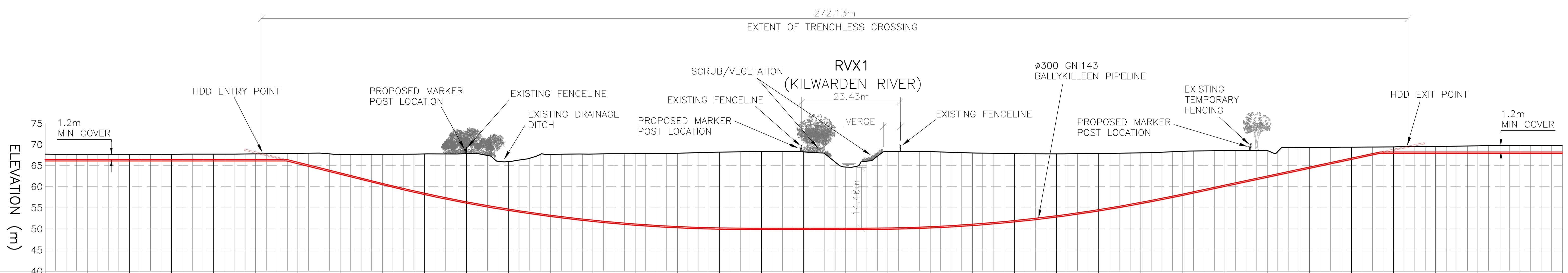


RVX1 - KILWARDEN RIVER CROSSING PLAN VIEW

(SCALE 1:750)



ARBITRARY CHAINAGE (m)	1040.0	1050.0	1060.0	1070.0	1080.0	1090.0	1100.0	1110.0	1120.0	1130.0	1140.0	1150.0	1160.0	1170.0	1180.0	1190.0	1200.0	1210.0	1220.0
EXISTING GROUND LEVEL (m)	67.73	67.69	67.69	67.70	67.73	67.79	67.93	67.61	67.69	67.76	67.83	65.99	67.67	67.74	67.84	67.94	68.20	68.35	68.27
TOP OF PIPE LEVEL (m)	66.45	66.45	66.45	66.45	66.45	66.45	65.79	63.30	60.81	58.47	56.43	54.68	53.23	52.06	51.17	50.56	50.23	50.16	50.16
COVER TO T.O.P. (m)	1.28	1.24	1.24	1.25	1.28	1.34	2.14	4.31	6.88	9.29	11.40	11.31	14.44	15.68	16.67	17.38	17.97	18.19	18.11

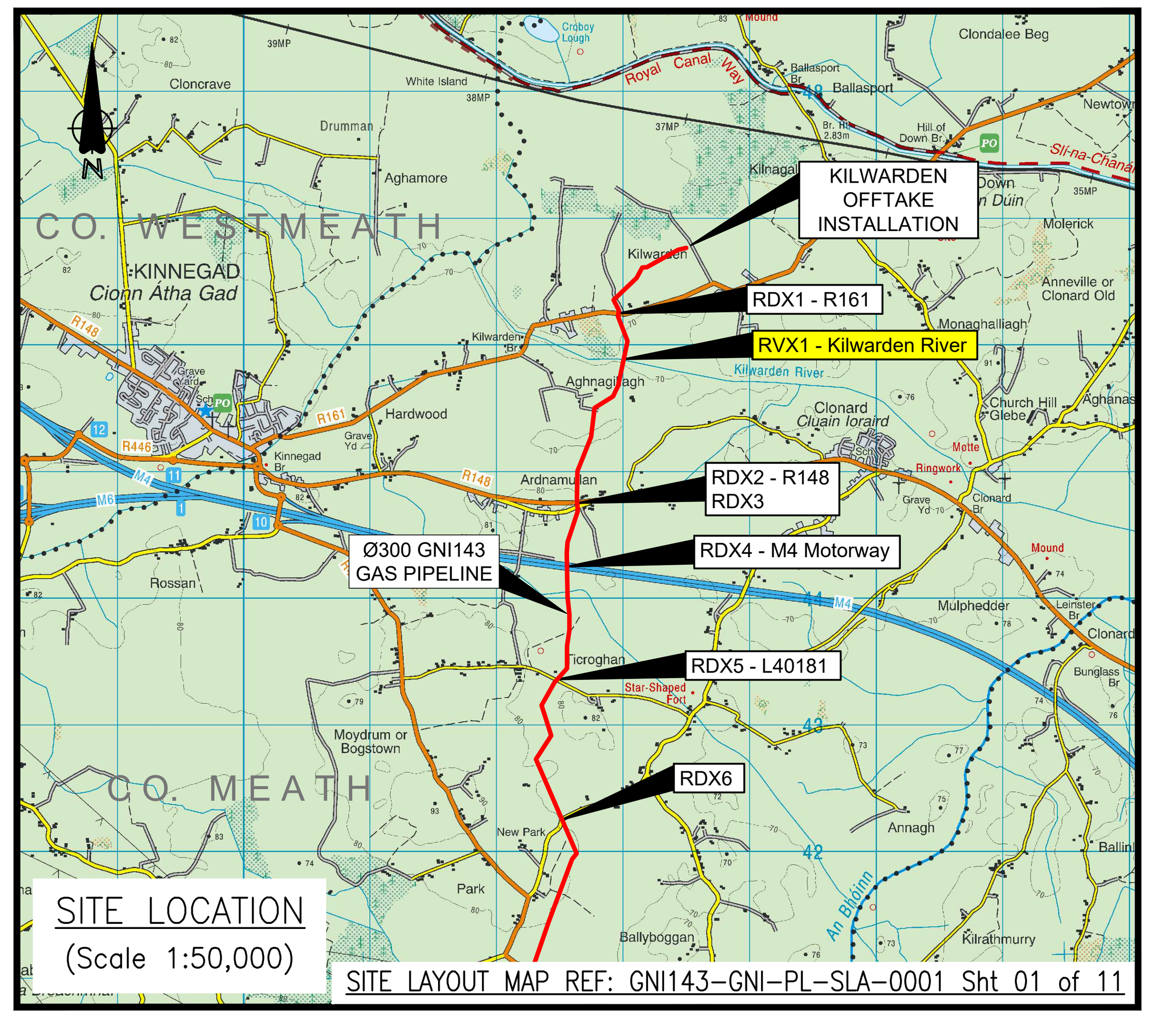
ARBITRARY CHAINAGE (m)	1230.0	1240.0	1250.0	1260.0	1270.0	1280.0	1290.0	1300.0	1310.0	1320.0	1330.0	1340.0	1350.0	1360.0	1370.0	1380.0	1390.0	1400.0
EXISTING GROUND LEVEL (m)	64.67	68.35	68.31	68.02	67.84	67.79	67.88	68.03	68.39	68.56	68.60	69.30	69.39	69.45	69.55	69.71	69.83	69.83
TOP OF PIPE LEVEL (m)	50.16	50.21	50.52	51.11	51.98	53.13	54.56	56.29	58.30	60.42	62.55	64.68	66.80	68.24	68.24	68.24	68.24	68.24
COVER TO T.O.P. (m)	14.51	18.14	17.79	16.91	15.86	14.66	13.32	11.74	10.09	8.14	6.05	4.62	2.59	1.21	1.31	1.47	1.59	1.59

PROFILE ALONG PIPE CENTRELINE

(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.
7. WATER LEVEL SHOWN IS INDICATIVE AND SHALL BE SEASON DEPENDENT.



SITE LOCATION
(Scale 1:50,000)

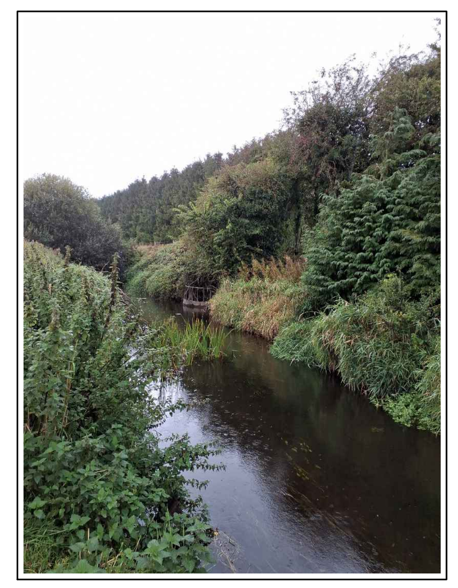
SITE LAYOUT MAP REF: GNI143-GNI-PL-SLA-0001 Sht 01 of 11

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



RVX1 (Kilwarden River)

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				

CONSULTANT: Fingleton White, Bridge Street Centre, Portlaoise, Co. Laois, Ireland, T:(00353)(0)57 866 5400, www.fingleton.ie

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	
G	AM/AO ADDITIONAL	DATE 22/04/2026

PROJECT: 47327508 - Gas to Bord na Mona, Edenderry

TITLE: CROSSING DRAWING - RVX1
GNI143 Ballykilleen Pipeline

Gas Networks Ireland
P.O Box 51, Gasworks Road, Cork, Rep of Ireland
T +353 21 4534000

DRAWING NUMBER	SCALE	SHEET
GNI143-GNI-PL-CRI-0001	AS SHOWN @A1	01 OF 01