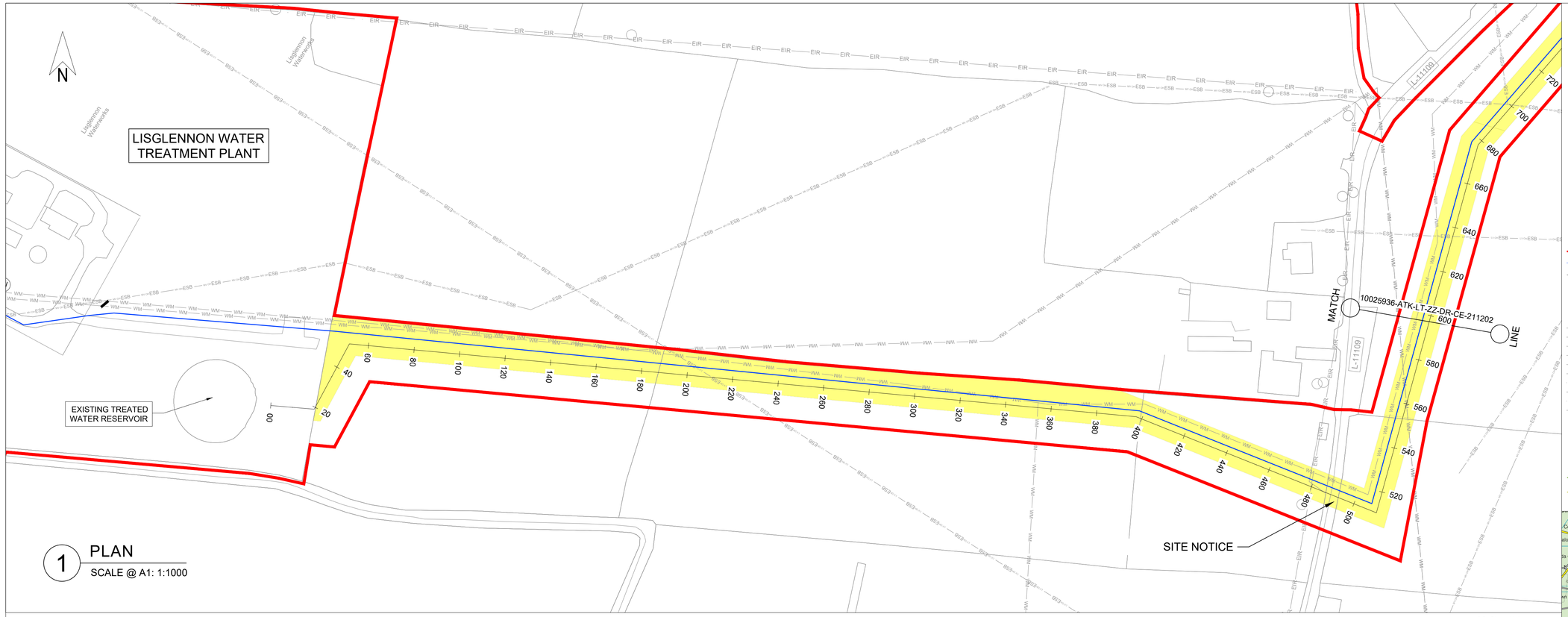
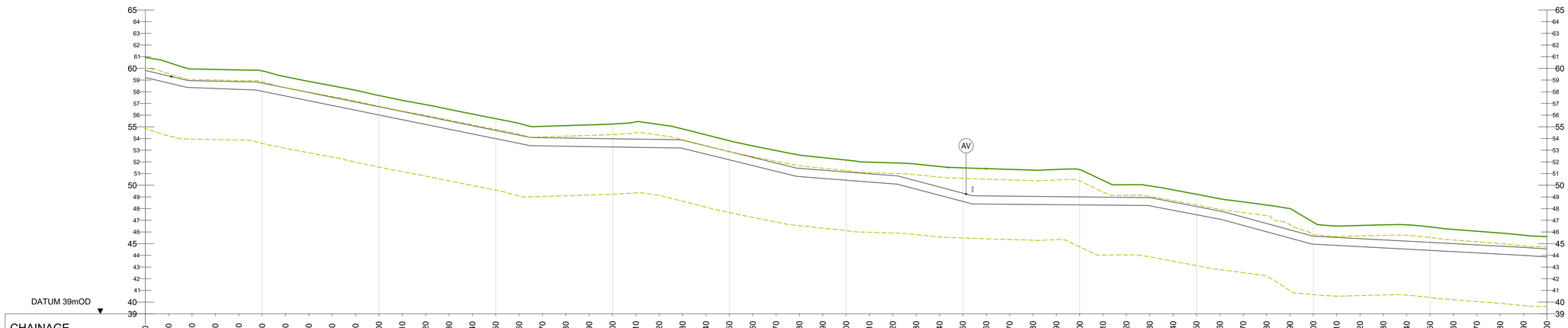
DO NOT SCALE



1 PLAN

SCALE @ A1: 1:1000

OSI Sheet No's:
1181



CHAINAGE	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360	370	380	390	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590	600
GROUND LEVEL	60.93	60.50	59.95	59.91	59.87	59.78	59.29	58.89	58.51	58.14	57.68	57.26	56.90	56.50	56.09	55.70	55.29	55.04	55.10	55.17	55.24	55.42	55.20	54.82	54.31	53.81	53.37	52.97	52.58	52.36	52.16	51.98	51.91	51.81	51.60	51.49	51.42	51.36	51.30	51.35	51.33	50.42	50.04	49.94	49.60	49.23	48.84	48.57	48.31	48.01	46.84	46.52	46.56	46.61	46.61	46.44	46.22	46.07	45.91	45.73	45.61
COVER DEPTH	1.11	1.15	1.00	1.00	1.00	1.04	0.94	0.95	0.98	1.01	0.96	0.95	0.99	1.00	1.00	1.01	1.01	0.97	1.06	1.16	1.26	1.47	1.28	0.96	0.95	0.93	0.98	1.07	1.13	1.07	1.02	0.99	1.09	1.43	1.75	2.17	2.33	2.29	2.25	2.33	2.33	1.43	1.08	1.00	1.04	1.05	1.05	1.30	1.58	1.82	1.19	0.98	1.13	1.29	1.40	1.33	1.22	1.17	1.12	1.04	1.06
PIPE INVERT	59.22	58.75	58.35	58.28	58.20	58.04	57.64	57.23	56.83	56.42	56.01	55.61	55.20	54.80	54.39	53.99	53.58	53.37	53.34	53.31	53.28	53.24	53.21	53.15	52.66	52.17	51.68	51.19	50.74	50.59	50.43	50.28	50.12	49.67	49.14	48.61	48.39	48.37	48.35	48.34	48.32	48.30	48.28	48.24	47.86	47.48	47.09	46.56	46.02	45.48	44.96	44.85	44.74	44.64	44.53	44.43	44.32	44.21	44.11	44.00	43.86
PIPE DATA	approximately 710mm nominal diameter OPEN CUT
ROUTE INFO	FIELD ROAD FIELD

2 LONGITUDINAL SECTION

SCALE @ A1: HORIZONTAL : 1:1000, VERTICAL : 1:200

GENERAL NOTES

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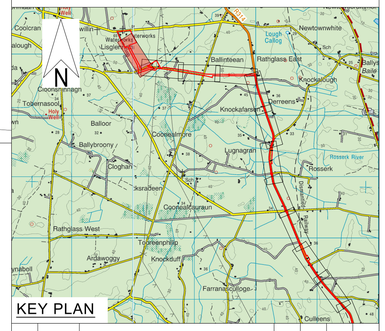
LEGEND:

PLAN

- RED LINE BOUNDARY
- PROPOSED PIPELINE A
- PROPOSED PIPELINE B
- INDICATIVE PROPOSED WAYLEAVE
- PROPOSED TRENCHLESS SECTION
- PROPOSED SITE COMPOUNDS
- EXISTING WATERMAIN
- EXISTING FOUL SEWER
- EXISTING ESB MV UNDERGROUND
- EXISTING ESB LV UNDERGROUND
- EXISTING ESB HV OVERHEAD
- EXISTING GAS
- EXISTING EIRCOM
- EXISTING AURORA TELECOM
- EXISTING ENET
- EXISTING BT
- AV PROPOSED AIR VALVE
- ScV PROPOSED SCOUR VALVE

LONGITUDINAL SECTION

- EXISTING GROUND LEVEL
- MINIMUM COVER DEPTH (0.9 m IN THE FIELD AND 1.2m FOR ROAD) AND MAXIMUM INVERT DEPTH (6.0 m)



KEY PLAN

Rev.	Date	Description	By	Chk'd	Rev'd	App'd
C01	31.08.26	PLANNING	SB	ABM	MMcE	TM

Drawing Suitability: PROJECT PLANNING — Status: A2

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DUBLIN | CORK | GALWAY | DUNDALK

ATKINS HOUSE,150 AIRSIDE BUSINESS PARK, SWORDS, DUBLIN, K67 K5W4.

Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Uisce Éireann Irish Water

Project Title: BALLINA AND LOUGH TALT WATER SUPPLY UPGRADE

Drawing Title: PROPOSED TREATED WATER PIPELINE B PLAN & LONGITUDIINAL SECTION SHEET 01 OF 54

Scale	Drawn	Checked	Reviewed	Authorised
AS INDICATED	SB	ABM	MMcE	TM
Original Size: A1	Date: 31.08.26	Date: 31.08.26	Date: 31.08.26	Date: 31.08.26

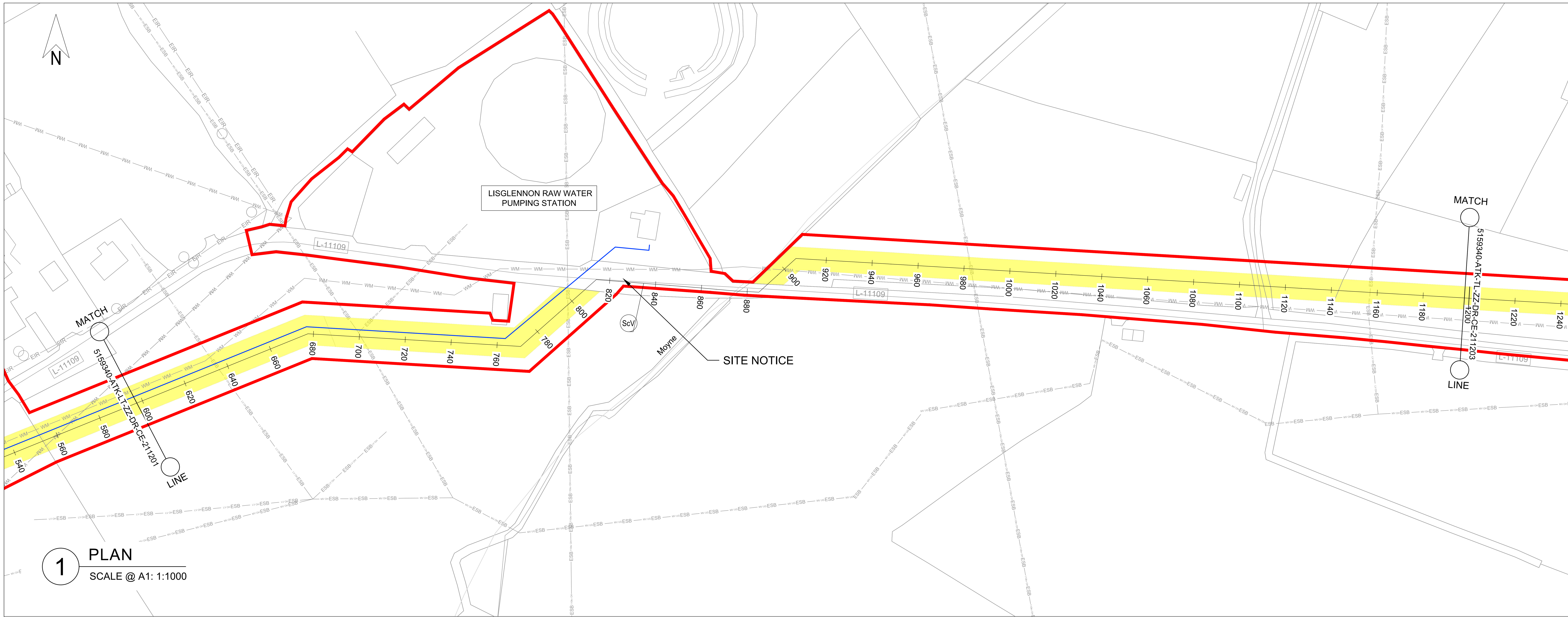
Drawing Number: 10025936-ATK-LT-ZZ-DR-CE-211201 — Revision: C01

Internal Project Number: 100089328

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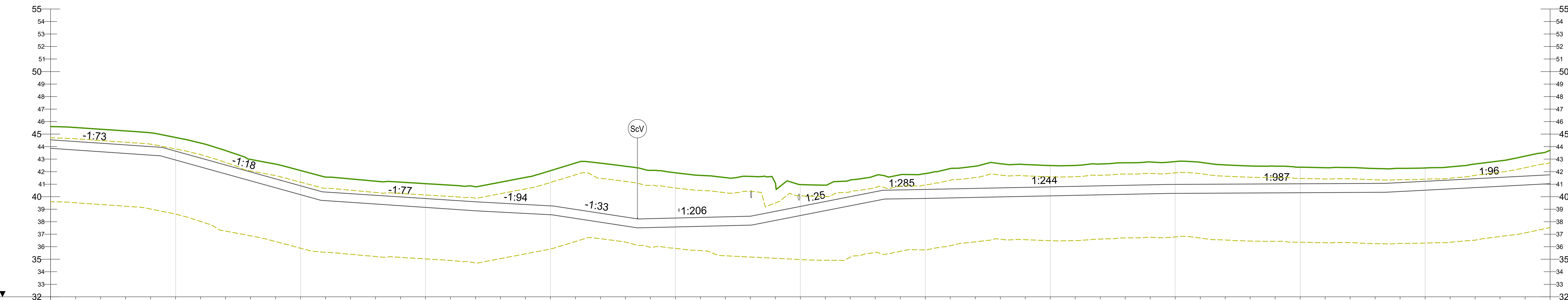
DO NOT SCALE



1 PLAN

SCALE @ A1: 1:1000

OSI Sheet No's:
1181



CHAINAGE	600	610	620	630	640	650	660	670	680	690	700
GROUND LEVEL	45.61	45.53	45.39	45.25	45.11	44.73	44.29	43.69	42.98	42.60	42.09
COVER DEPTH	1.06	1.11	1.11	1.11	1.10	1.09	1.20	1.15	1.00	1.18	1.22
PIPE INVERT	43.86	43.73	43.59	43.45	43.32	42.93	42.38	41.82	41.27	40.72	40.16

CHAINAGE	710	720	730	740	750	760	770	780	790	800
GROUND LEVEL	41.57	41.42	41.24	41.16	41.04	40.92	40.79	41.16	41.54	42.08
COVER DEPTH	1.20	1.18	1.13	1.18	1.19	1.20	1.21	1.68	2.17	2.81
PIPE INVERT	39.69	39.55	39.42	39.28	39.15	39.01	38.87	38.77	38.66	38.56

CHAINAGE	810	820	830	840	850	860	870	880	890	900
GROUND LEVEL	42.69	42.68	42.43	42.11	41.91	41.70	41.53	41.62	41.09	40.97
COVER DEPTH	3.70	4.00	4.06	3.86	3.62	3.36	3.14	3.18	2.27	1.75
PIPE INVERT	38.26	37.96	37.65	37.53	37.58	37.63	37.68	37.73	38.10	38.49

CHAINAGE	910	920	930	940	950	960	970	980	990	1000
GROUND LEVEL	40.92	41.33	41.68	41.75	41.85	42.25	42.43	42.64	42.57	42.49
COVER DEPTH	1.31	1.33	1.28	1.21	1.27	1.63	1.77	1.93	1.82	1.71
PIPE INVERT	38.89	39.28	39.67	39.83	39.86	39.90	39.95	39.99	40.03	40.07

CHAINAGE	1010	1020	1030	1040	1050	1060	1070	1080	1090	1100
GROUND LEVEL	42.49	42.61	42.71	42.77	42.81	42.75	42.54	42.46	42.44	42.36
COVER DEPTH	1.67	1.75	1.80	1.83	1.83	1.76	1.54	1.45	1.42	1.33
PIPE INVERT	40.11	40.15	40.19	40.23	40.27	40.28	40.29	40.30	40.31	40.32

CHAINAGE	1110	1120	1130	1140	1150	1160	1170	1180	1190	1200
GROUND LEVEL	42.32	42.33	42.25	42.26	42.30	42.38	42.61	42.87	43.24	43.71
COVER DEPTH	1.28	1.28	1.19	1.14	1.07	1.05	1.18	1.32	1.59	1.96
PIPE INVERT	40.33	40.34	40.35	40.41	40.52	40.62	40.72	40.83	40.93	41.04

PIPE DATA: approximately 710mm nominal diameter OPEN CUT (600 – 1200)

ROUTE INFO: FIELD (600 – 820) | ROAD (820 – 890) | FIELD (890 – 1200)

2 LONGITUDINAL SECTION

SCALE @ A1: HORIZONTAL : 1:1000, VERTICAL : 1:200

GENERAL NOTES

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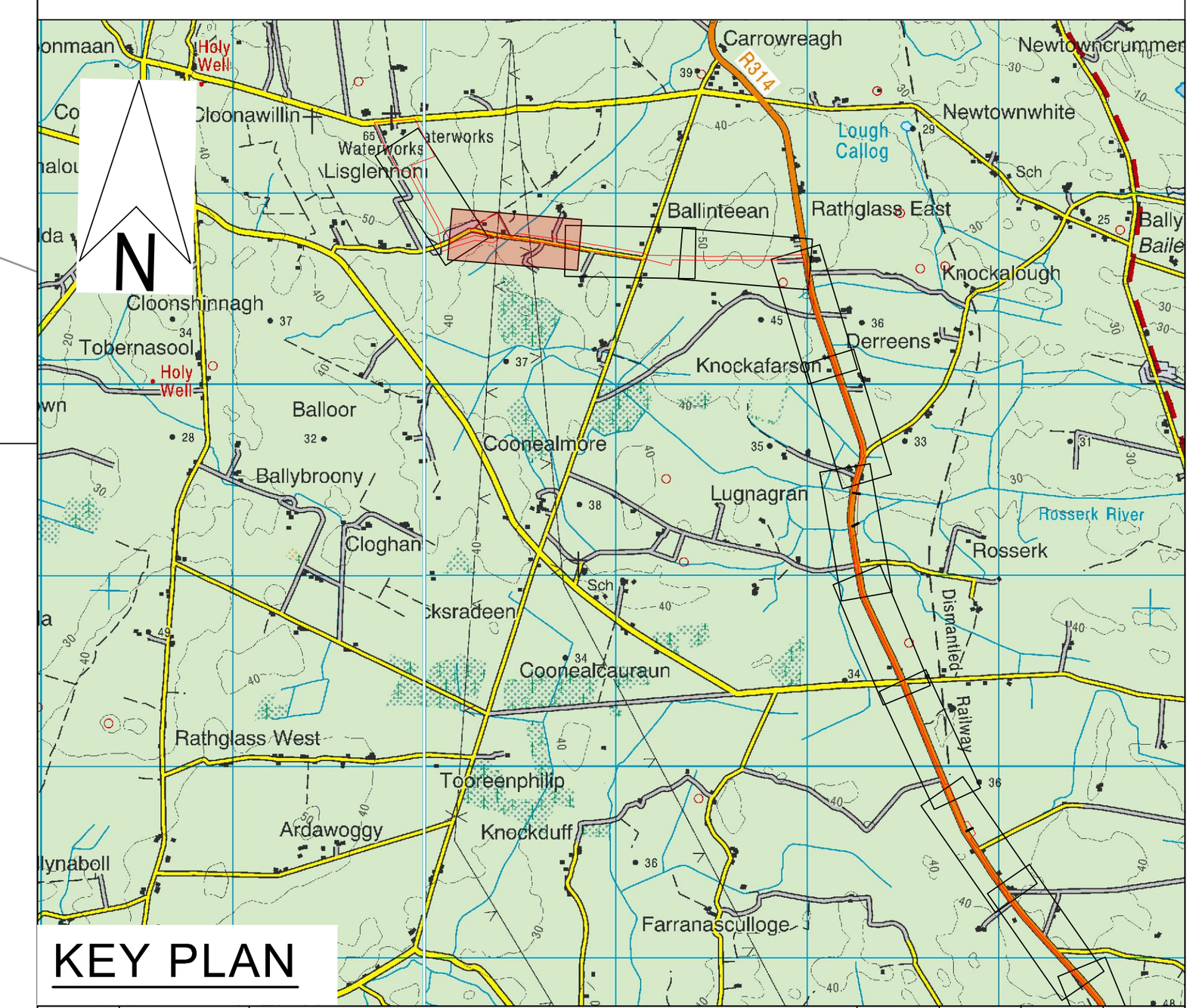
LEGEND:

PLAN

- RED LINE BOUNDARY
- PROPOSED PIPELINE A
- PROPOSED PIPELINE B
- INDICATIVE PROPOSED WAYLEAVE
- PROPOSED TRENCHLESS SECTION
- PROPOSED SITE COMPOUNDS
- WM — WM: EXISTING WATERMAIN
- FW — FW: EXISTING FOUL SEWER
- ESB MV UG: EXISTING ESB MV UNDERGROUND
- ESB LV UG: EXISTING ESB LV UNDERGROUND
- ESB 110kv OH: EXISTING ESB HV OVERHEAD
- GAS DMP: EXISTING GAS
- EIR: EXISTING EIRCOM
- TU — TU: EXISTING AURORA TELECOM
- ENET: EXISTING ENET
- BT — BT: EXISTING BT
- AV: PROPOSED AIR VALVE
- ScV: PROPOSED SCOUR VALVE

LONGITUDINAL SECTION

- EXISTING GROUND LEVEL
- MINIMUM COVER DEPTH (0.9 m IN THE FIELD AND 1.2m FOR ROAD) AND MAXIMUM INVERT DEPTH (6.0 m)



KEY PLAN

Rev.	Date	Description	By	Chk'd	Rev'd	App'd
C01	31.08.26	PLANNING	SB	ABM	MMcE	TM

Drawing Suitability: **PROJECT PLANNING** | Status: **A2**

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DUBLIN | CORK | GALWAY | DUNDALK

ATKINS HOUSE,150 AIRSIDE BUSINESS PARK, SWORDS, DUBLIN, K67 K5W4.

Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Uisce Éireann Irish Water

Project Title: BALLINA AND LOUGH TALT WATER SUPPLY UPGRADE

Drawing Title: PROPOSED TREATED WATER PIPELINE PIPELINE B PLAN & LONGITUDINAL SECTION SHEET 02 OF 54

Scale	Drawn	Checked	Reviewed	Authorised
AS INDICATED	AMQ	ABM	MMcE	TM
Original Size: A1	Date: 31.08.26	Date: 31.08.26	Date: 31.08.26	Date: 31.08.26

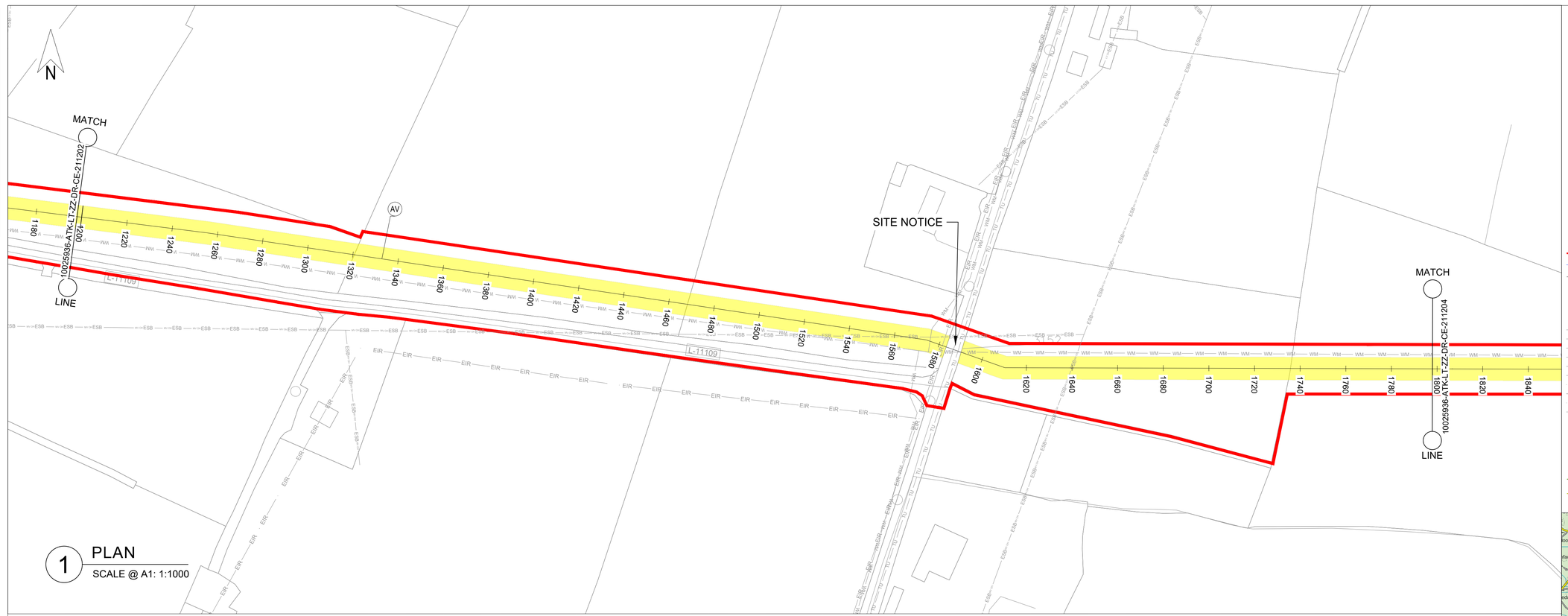
Drawing Number: 10025936-ATK-LT-ZZ-DR-CE-211202 | Revision: C01

Internal Project Number: 100089328

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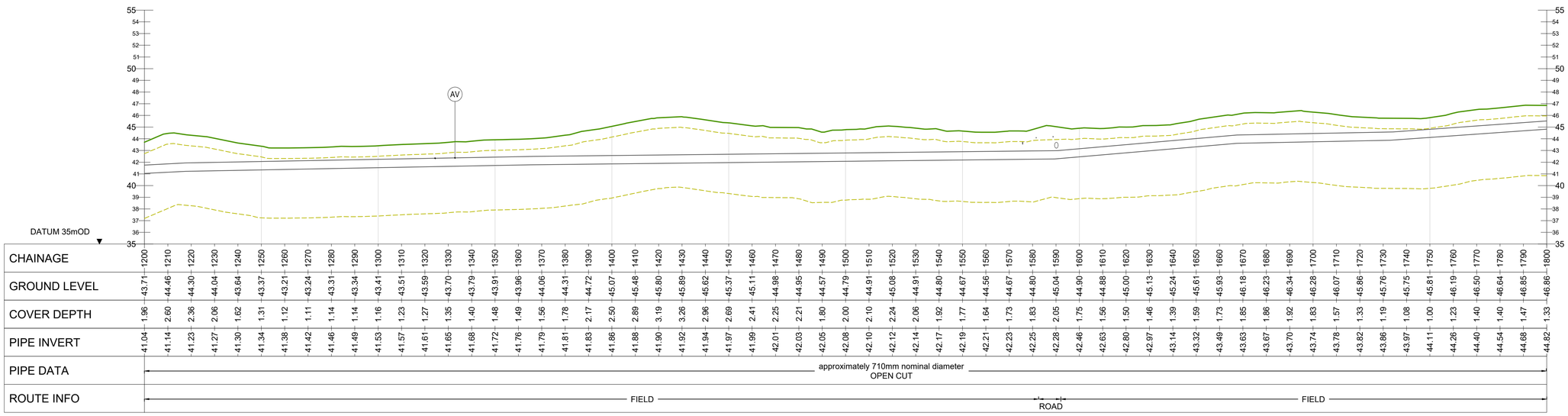
DO NOT SCALE



1 PLAN

SCALE @ A1: 1:1000

OSI Sheet No's:
1181



2 LONGITUDINAL SECTION

SCALE @ A1: HORIZONTAL : 1:1000, VERTICAL : 1:200

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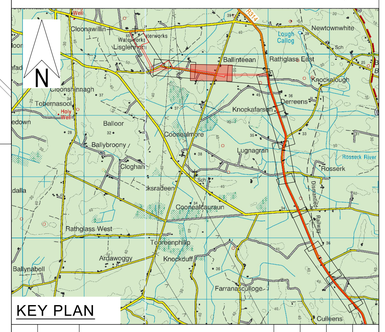
LEGEND:

PLAN

- RED LINE BOUNDARY
- PROPOSED PIPELINE A
- PROPOSED PIPELINE B
- INDICATIVE PROPOSED WAYLEAVE
- PROPOSED TRENCHLESS SECTION
- PROPOSED SITE COMPOUNDS
- EXISTING WATERMAIN
- EXISTING FOUL SEWER
- EXISTING ESB MV UNDERGROUND
- EXISTING ESB LV UNDERGROUND
- EXISTING ESB HV OVERHEAD
- EXISTING GAS
- EXISTING EIRCOM
- EXISTING AURORA TELECOM
- EXISTING ENET
- EXISTING BT
- AV PROPOSED AIR VALVE
- ScV PROPOSED SCOUR VALVE

LONGITUDINAL SECTION

- EXISTING GROUND LEVEL
- MINIMUM COVER DEPTH (0.9 m IN THE FIELD AND 1.2m FOR ROAD) AND MAXIMUM INVERT DEPTH (6.0 m)



KEY PLAN

Rev.	Date	Description	By	Chk'd	Rev'd	App'd
C01	31.08.26	PLANNING	SB	ABM	MMcE	TM

Drawing Suitability: PROJECT PLANNING — Status: A2

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ATKINS HOUSE,150 AIRSIDE BUSINESS PARK,
SWORDS, DUBLIN, K67 K5W4.
Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Uisce Éireann Irish Water

Project Title: BALLINA AND LOUGH TALT WATER SUPPLY UPGRADE

Drawing Title: PROPOSED TREATED WATER PIPELINE
PIPELINE B
PLAN & LONGITUDINAL SECTION
SHEET 03 OF 54

Scale	Drawn	Checked	Reviewed	Authorised
AS INDICATED	SB	ABM	MMcE	TM
Original Size	**Date**	**Date**	**Date**	**Date**
A1	31.08.26	31.08.26	31.08.26	31.08.26

Drawing Number: 10025936-ATK-LT-ZZ-DR-CE-211203 Revision: C01

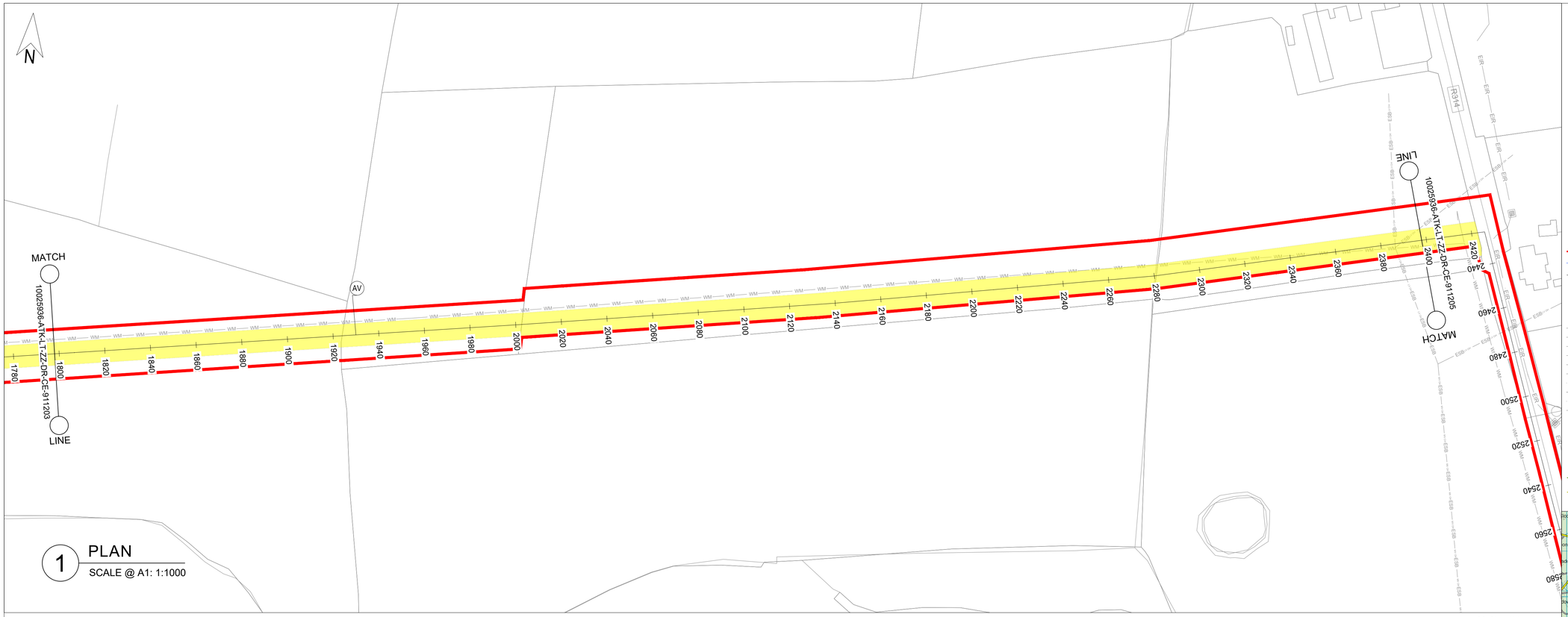
Internal Project Number: 100089328

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Millimetres 0 10 100



1 PLAN

SCALE @ A1: 1:1000

OSI Sheet No's:
1181

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LEGEND:

PLAN

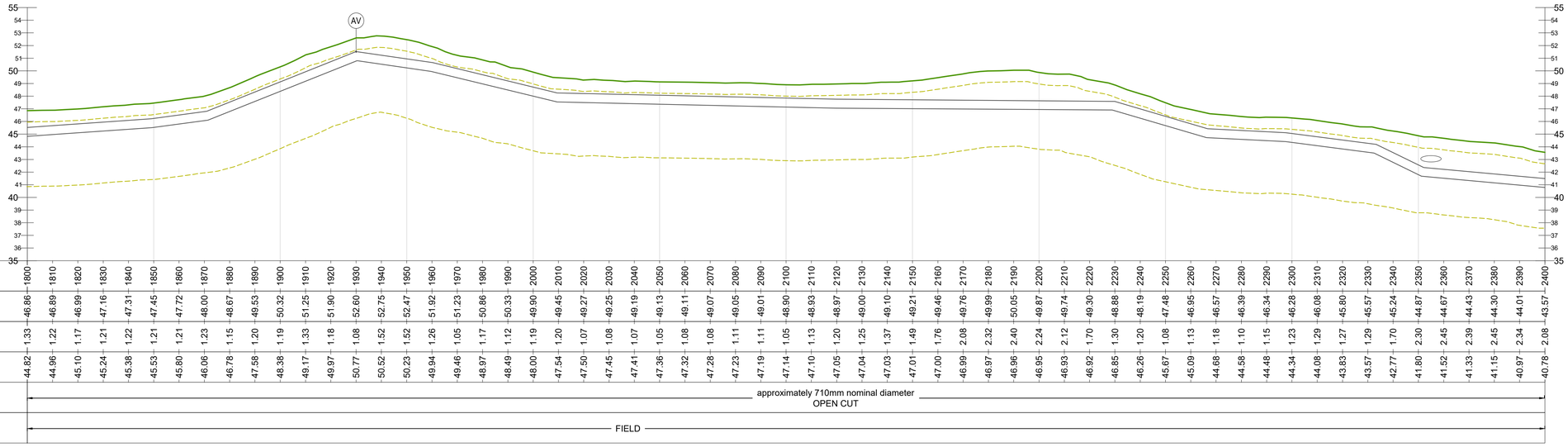
- RED LINE BOUNDARY
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LONGITUDINAL SECTION

- EXISTING GROUND LEVEL
- MINIMUM COVER DEPTH (0.9 m IN THE FIELD AND 1.2m FOR ROAD) AND MAXIMUM INVERT DEPTH (6.0 m)



KEY PLAN



CHAINAGE	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990	2000	2010	2020	2030	2040	2050	2060	2070	2080	2090	2100	2110	2120	2130	2140	2150	2160	2170	2180	2190	2200	2210	2220	2230	2240	2250	2260	2270	2280	2290	2300	2310	2320	2330	2340	2350	2360	2370	2380	2390	2400
GROUND LEVEL	46.86	46.89	46.99	47.16	47.31	47.45	47.72	48.00	48.67	49.53	50.32	51.25	51.90	52.60	52.75	52.47	51.92	51.23	50.86	50.33	49.90	49.45	49.27	49.25	49.19	49.13	49.11	49.07	49.05	49.01	48.90	48.93	48.97	49.00	49.10	49.21	49.46	49.76	49.99	50.05	49.87	49.74	49.30	48.88	48.19	47.48	46.95	46.57	46.39	46.34	46.28	46.08	45.80	45.57	45.24	44.87	44.67	44.43	44.30	44.01	43.57
COVER DEPTH	1.33	1.22	1.17	1.21	1.22	1.21	1.21	1.23	1.15	1.20	1.19	1.33	1.18	1.08	1.52	1.52	1.26	1.05	1.17	1.12	1.19	1.20	1.07	1.08	1.07	1.05	1.08	1.08	1.11	1.11	1.05	1.13	1.20	1.25	1.37	1.49	1.76	2.08	2.32	2.40	2.24	2.12	1.70	1.30	1.20	1.08	1.13	1.18	1.10	1.15	1.23	1.29	1.27	1.29	1.70	2.30	2.45	2.39	2.45	2.34	2.08
PIPE INVERT	44.82	44.96	45.10	45.24	45.38	45.53	45.80	46.06	46.78	47.58	48.38	49.17	49.97	50.77	50.52	50.23	49.94	49.46	48.97	48.49	48.00	47.54	47.50	47.45	47.41	47.36	47.32	47.28	47.23	47.19	47.14	47.10	47.05	47.04	47.03	47.01	47.00	46.99	46.97	46.96	46.95	46.93	46.92	46.85	46.26	45.67	45.09	44.68	44.58	44.48	44.34	44.08	43.83	43.57	42.77	41.80	41.52	41.33	41.15	40.97	40.78
PIPE DATA	approximately 710mm nominal diameter OPEN CUT																																																																															
ROUTE INFO	FIELD																																																																															

2 LONGITUDINAL SECTION

SCALE @ A1: HORIZONTAL : 1:1000, VERTICAL : 1:200

Rev.	Date	Description	By	Chk'd	Rev'd	App'd
C01	31.08.26	PLANNING	SB	ABM	MMcE	TM

Drawing Suitability: PROJECT PLANNING

Status: A2

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Client: Uisce Éireann Irish Water

Project Title: BALLINA AND LOUGH TALT WATER SUPPLY UPGRADE

Drawing Title: PROPOSED TREATED WATER PIPELINE PIPELINE B PLAN & LONGITUDINAL SECTION SHEET 04 OF 54

Scale	Drawn	Checked	Reviewed	Authorised
AS INDICATED	SB	ABM	MMcE	TM
Original Size: A1	Date: 31.08.26	Date: 31.08.26	Date: 31.08.26	Date: 31.08.26

Drawing Number: 10025936-ATK-LT-ZZ-DR-CE-211204

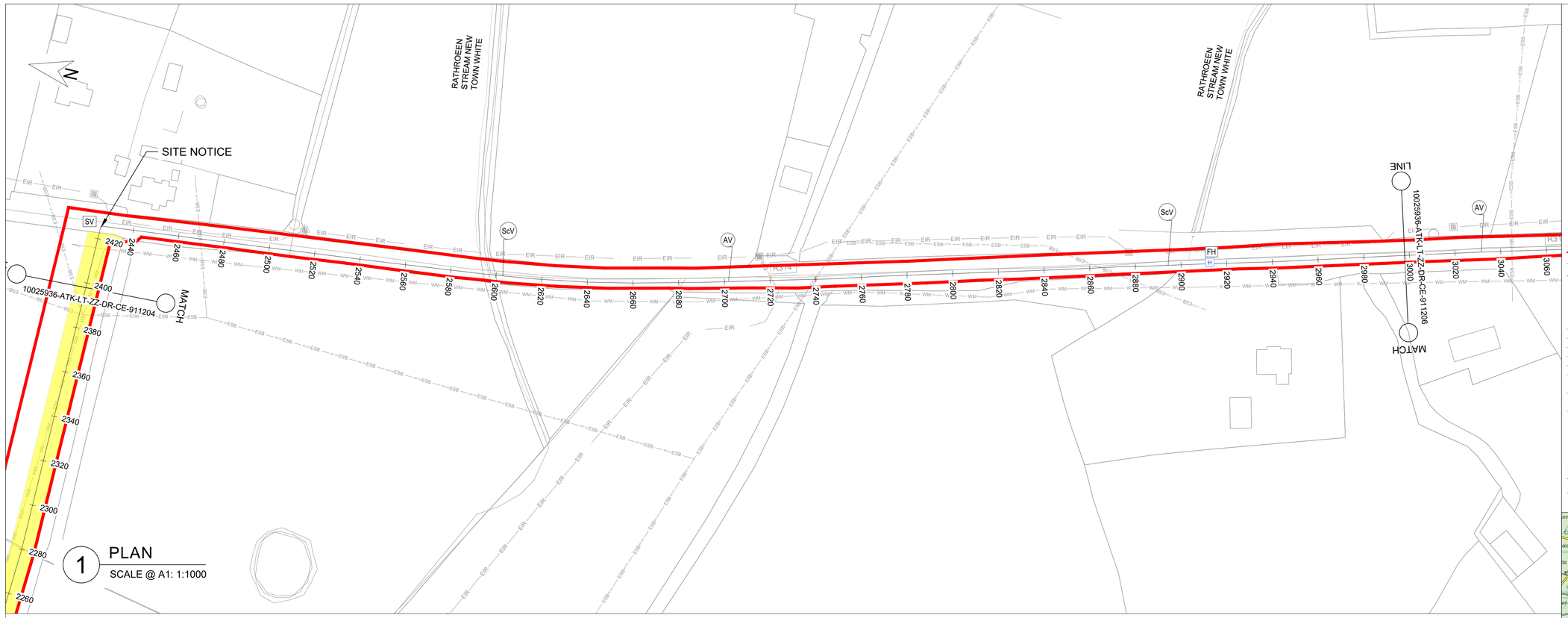
Revision: C01

Internal Project Number: 100089328

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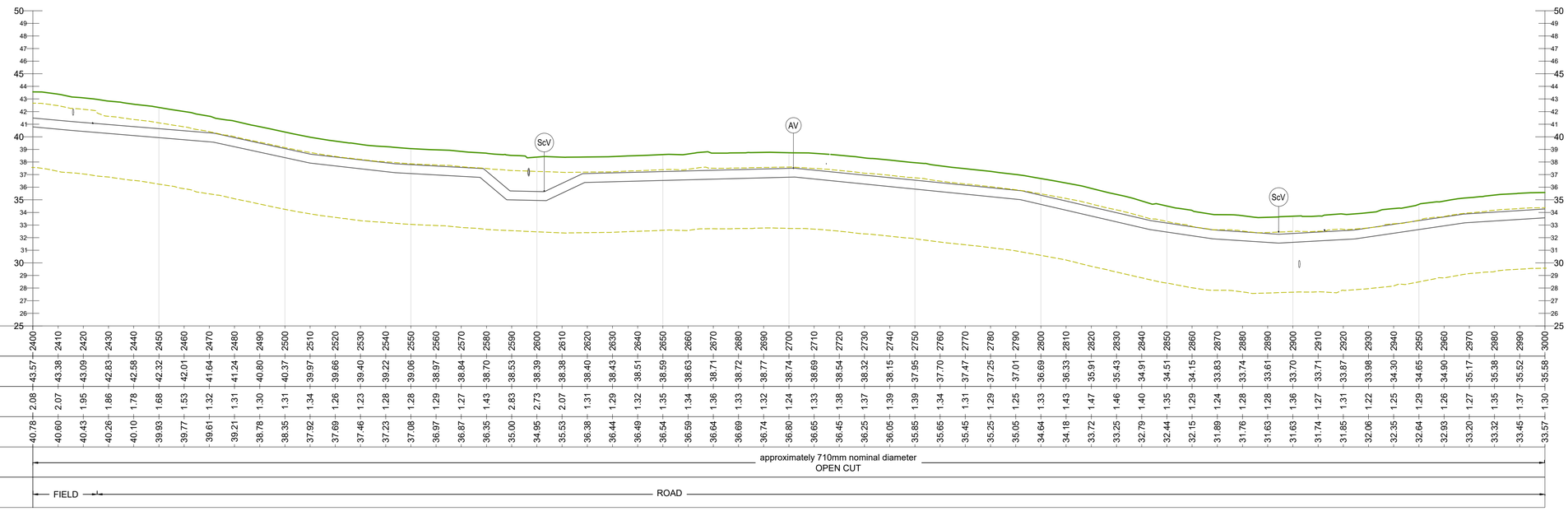
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DO NOT SCALE



1 PLAN
SCALE @ A1: 1:1000

OSI Sheet No's:
1181



CHAINAGE	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500	2510	2520	2530	2540	2550	2560	2570	2580	2590	2600	2610	2620	2630	2640	2650	2660	2670	2680	2690	2700	2710	2720	2730	2740	2750	2760	2770	2780	2790	2800	2810	2820	2830	2840	2850	2860	2870	2880	2890	2900	2910	2920	2930	2940	2950	2960	2970	2980	2990	3000
GROUND LEVEL	43.57	43.38	43.09	42.83	42.58	42.32	42.01	41.64	41.24	40.80	40.37	39.97	39.66	39.40	39.22	39.06	38.97	38.84	38.70	38.53	38.39	38.38	38.40	38.43	38.51	38.59	38.63	38.71	38.72	38.77	38.74	38.69	38.54	38.32	38.15	37.95	37.70	37.47	37.25	37.01	36.69	36.33	35.91	35.43	34.91	34.51	34.15	33.83	33.74	33.61	33.70	33.71	33.87	33.98	34.30	34.65	34.90	35.17	35.38	35.52	35.58
COVER DEPTH	2.08	2.07	1.95	1.86	1.78	1.68	1.53	1.32	1.31	1.30	1.31	1.34	1.26	1.23	1.28	1.28	1.29	1.27	1.43	2.83	2.73	2.07	1.31	1.29	1.32	1.35	1.34	1.36	1.33	1.32	1.24	1.33	1.38	1.37	1.39	1.39	1.34	1.31	1.29	1.25	1.33	1.43	1.47	1.46	1.40	1.35	1.29	1.24	1.28	1.28	1.36	1.27	1.31	1.22	1.25	1.29	1.26	1.27	1.35	1.37	1.30
PIPE INVERT	40.78	40.60	40.43	40.26	40.10	39.93	39.77	39.61	39.21	38.78	38.35	37.92	37.69	37.46	37.23	37.08	36.97	36.87	36.35	35.00	34.95	35.53	36.38	36.44	36.49	36.54	36.59	36.64	36.69	36.74	36.80	36.65	36.45	36.25	36.05	35.85	35.65	35.45	35.25	35.05	34.64	34.18	33.72	33.25	32.79	32.44	32.15	31.89	31.76	31.63	31.63	31.74	31.85	32.06	32.35	32.64	32.93	33.20	33.32	33.45	33.57
PIPE DATA	approximately 710mm nominal diameter OPEN CUT
ROUTE INFO	FIELD	ROAD

2 LONGITUDINAL SECTION
SCALE @ A1: HORIZONTAL : 1:1000, VERTICAL : 1:200

GENERAL NOTES

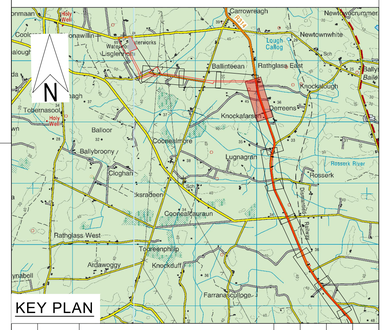
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LEGEND:

PLAN
- RED LINE BOUNDARY
- PROPOSED PIPELINE A
- PROPOSED PIPELINE B
- INDICATIVE PROPOSED WAYLEAVE
- PROPOSED TRENCHLESS SECTION
- PROPOSED SITE COMPOUNDS

- EXISTING WATERMAIN
- EXISTING FOUL SEWER
- EXISTING ESB MV UNDERGROUND
- EXISTING ESB LV UNDERGROUND
- EXISTING ESB HV OVERHEAD
- EXISTING GAS
- EXISTING EIRCOM
- EXISTING AURORA TELECOM
- EXISTING ENET
- EXISTING BT
- AV PROPOSED AIR VALVE
- ScV PROPOSED SCOUR VALVE

LONGITUDINAL SECTION
- EXISTING GROUND LEVEL
- MINIMUM COVER DEPTH (0.9 m IN THE FIELD AND 1.2m FOR ROAD) AND MAXIMUM INVERT DEPTH (6.0 m)



KEY PLAN

Rev.	Date	Description	By	Chk'd	Rev'd	App'd
C01	31.08.26	PLANNING	SB	ABM	MMcE	TM

Drawing Suitability: PROJECT PLANNING
Status: A2

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ATKINS HOUSE,150 AIRSIDE BUSINESS PARK,
SWORDS, DUBLIN, K67 K5W4.
Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Uisce Éireann Irish Water

Project Title: BALLINA AND LOUGH TALT WATER SUPPLY UPGRADE

Drawing Title: PROPOSED TREATED WATER PIPELINE
PIPELINE B
PLAN & LONGITUDINAL SECTION SHEET
05 OF 54

Scale	Drawn	Checked	Reviewed	Authorised
AS INDICATED	SB	ABM	MMcE	TM
Original Size	Date	Date	Date	Date
A1	31.08.26	31.08.26	31.08.26	31.08.26

Drawing Number: 10025936-ATK-LT-ZZ-DR-CE-211205
Revision: C01

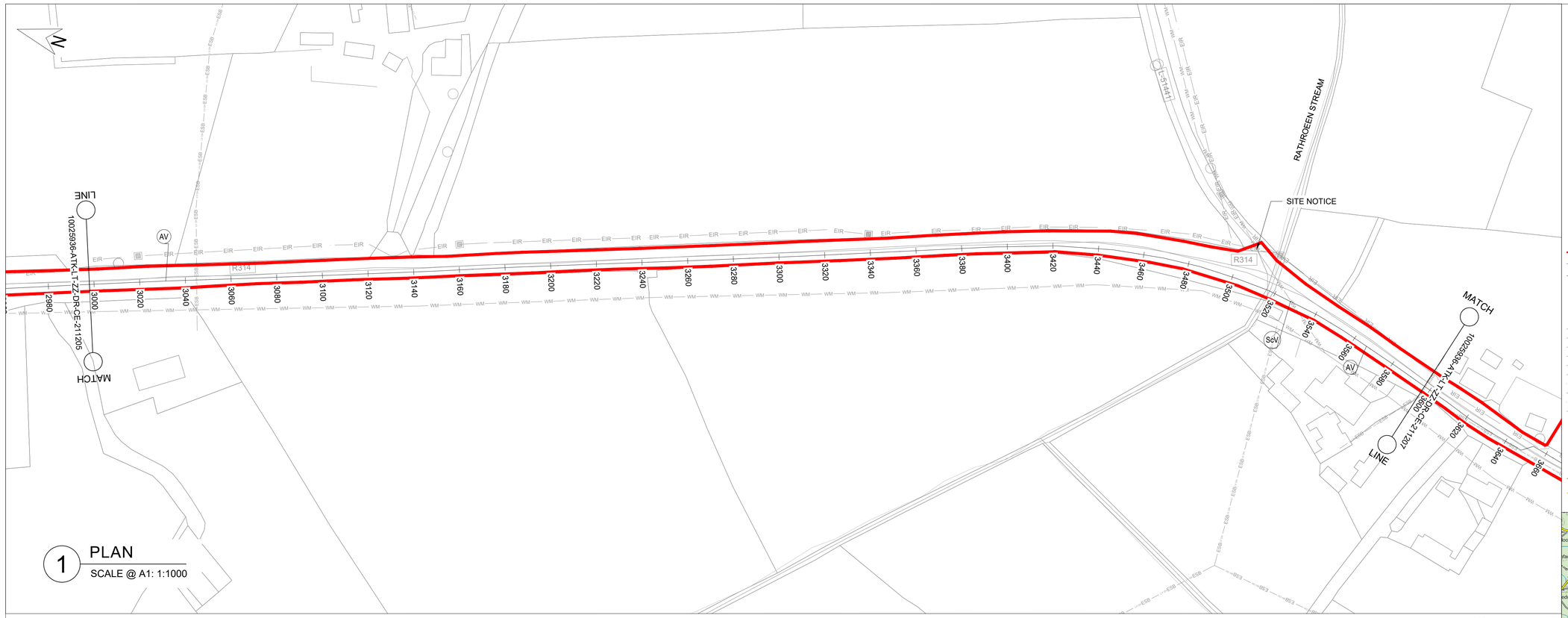
Internal Project Number: 100089328

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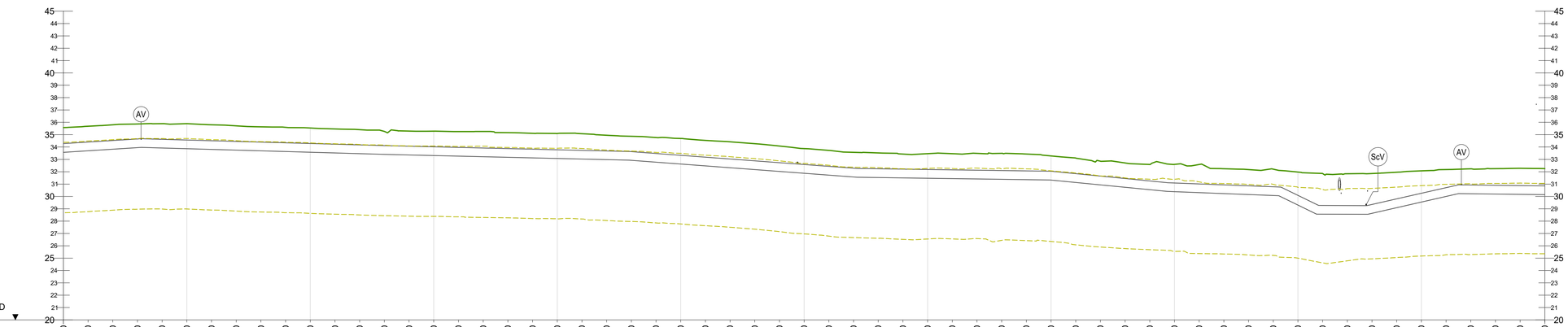
DO NOT SCALE

Millimetres 0 10 100



1 PLAN

SCALE @ A1: 1:1000



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GROUND LEVEL	35.58	35.69	35.80	35.87	35.89	35.89	35.80	35.72	35.63	35.60	35.54	35.46	35.41	35.26	35.29	35.28	35.25	35.26	35.16	35.11	35.10	35.08	34.95	34.87	34.77	34.69	34.54	34.42	34.27	34.08	33.87	33.73	33.57	33.52	33.43	33.46	33.46	33.49	33.49	33.43	33.28	33.10	32.85	32.71	32.59	32.59	32.59	32.24	32.17	32.21	31.97	31.85	31.84	31.85	31.96	32.07	32.18	32.23	32.25	32.28	32.26
COVER DEPTH	1.30	1.29	1.27	1.21	1.27	1.32	1.29	1.26	1.24	1.25	1.25	1.24	1.24	1.15	1.23	1.27	1.28	1.34	1.29	1.28	1.32	1.35	1.27	1.24	1.29	1.36	1.36	1.39	1.39	1.35	1.29	1.30	1.29	1.29	1.22	1.28	1.31	1.37	1.40	1.37	1.25	1.27	1.21	1.26	1.34	1.50	1.58	1.31	1.32	1.43	1.89	2.58	2.58	2.50	2.16	1.82	1.47	1.31	1.35	1.41	1.41
PIPE INVERT	33.57	33.70	33.82	33.95	33.92	33.86	33.81	33.75	33.69	33.64	33.58	33.52	33.46	33.41	33.36	33.31	33.26	33.22	33.17	33.12	33.07	33.03	32.98	32.92	32.77	32.62	32.47	32.32	32.18	32.03	31.88	31.73	31.58	31.53	31.50	31.47	31.45	31.42	31.39	31.36	31.33	31.13	30.93	30.74	30.54	30.38	30.30	30.23	30.15	30.07	29.30	28.56	28.56	28.63	29.08	29.54	30.00	30.22	30.19	30.17	30.14
PIPE DATA	approximately 710mm nominal diameter OPEN CUT
ROUTE INFO	ROAD

2 LONGITUDINAL SECTION

SCALE @ A1: HORIZONTAL : 1:1000, VERTICAL : 1:200

GENERAL NOTES

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LEGEND:

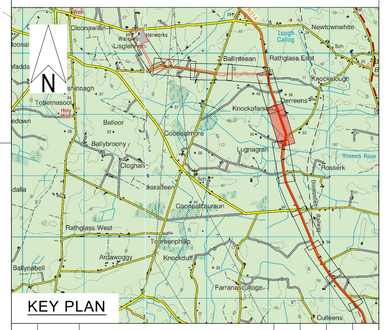
PLAN

- RED LINE BOUNDARY
- PROPOSED PIPELINE A
- PROPOSED PIPELINE B
- INDICATIVE PROPOSED WAYLEAVE
- PROPOSED TRENCHLESS SECTION
- PROPOSED SITE COMPOUNDS
- EXISTING WATERMAIN
- EXISTING FOUL SEWER
- EXISTING ESB MV UNDERGROUND
- EXISTING ESB LV UNDERGROUND
- EXISTING ESB HV OVERHEAD
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- EXISTING EIRCOM
- EXISTING AURORA TELECOM
- EXISTING ENET
- EXISTING BT
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LONGITUDINAL SECTION

- EXISTING GROUND LEVEL
- MINIMUM COVER DEPTH (0.9 m IN THE FIELD AND 1.2m FOR ROAD) AND MAXIMUM INVERT DEPTH (6.0 m)

OSI Sheet No's:
1181



KEY PLAN

Rev.	Date	Description	By	Chk'd	Rev'd	App'd
C01	31.08.26	PLANNING	SB	ABM	MMcE	TM

Drawing Suitability: PROJECT PLANNING — Status: A2

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ATKINS HOUSE,150 AIRSIDE BUSINESS PARK,
SWORDS, DUBLIN, K67 K5W4.
Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Uisce Éireann Irish Water

Project Title: BALLINA AND LOUGH TALT WATER SUPPLY UPGRADE

Drawing Title: PROPOSED TREATED WATER PIPELINE PIPELINE B PLAN & LONGITUDINAL SECTION SHEET 06 OF 54

Scale	Drawn	Checked	Reviewed	Authorised
AS INDICATED	SB	ABM	MMcE	TM
Original Size	**Date**	**Date**	**Date**	**Date**
A1	31.08.26	31.08.26	31.08.26	31.08.26

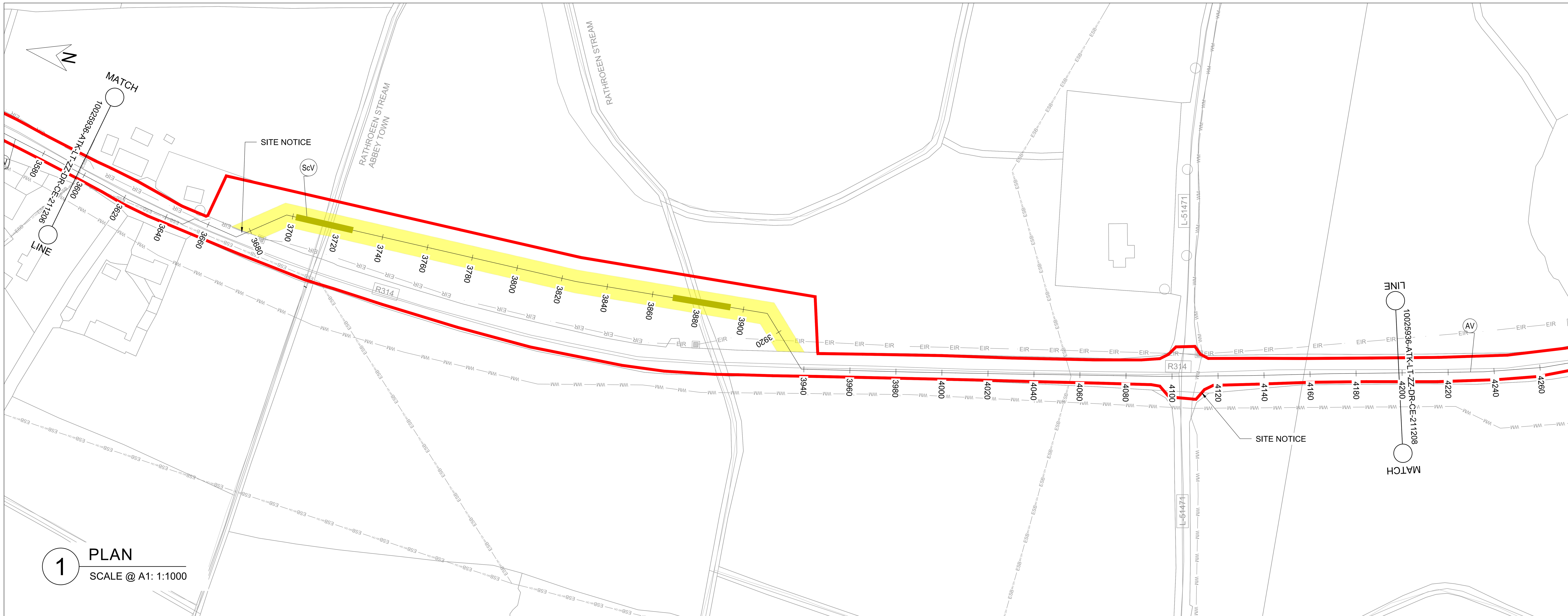
Drawing Number: 10025936-ATK-LT-ZZ-DR-CE-211206 Revision: C01

Internal Project Number: 100089328

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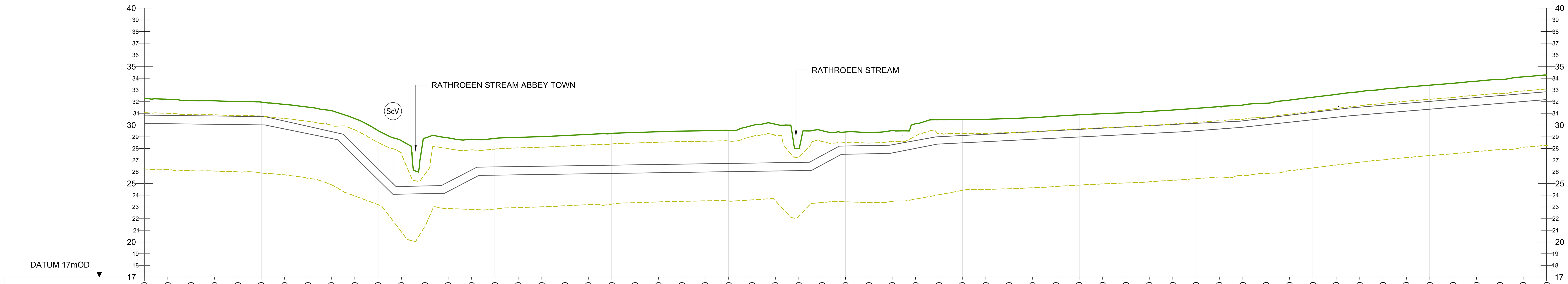
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1 PLAN

SCALE @ A1: 1:1000

OSI Sheet No's:
1181, 1247



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GROUND LEVEL	32.26	32.21	32.11	32.08	32.01	31.97	31.77	31.53	31.25	30.56	29.53	28.66	28.88	28.90	28.79	28.86	28.95	29.01	29.10	29.20
COVER DEPTH	1.41	1.38	1.31	1.30	1.26	1.24	1.43	1.64	1.80	2.32	3.27	3.91	4.09	3.78	2.63	2.44	2.50	2.53	2.59	2.66
PIPE INVERT	30.14	30.12	30.09	30.07	30.04	30.02	29.67	29.26	28.86	27.31	25.33	24.09	24.13	24.33	25.37	25.72	25.75	25.78	25.80	25.83

CHAINAGE	3800	3810	3820	3830	3840	3850	3860	3870	3880	3890	3900	3910	3920	3930	3940	3950	3960	3970	3980	3990
GROUND LEVEL	29.28	29.37	29.43	29.48	29.52	29.54	29.96	30.07	28.00	29.53	29.41	29.36	29.53	30.12	30.46	30.47	30.49	30.55	30.64	30.76
COVER DEPTH	2.71	2.77	2.80	2.82	2.83	2.82	3.21	3.30	1.19	2.12	1.20	1.11	1.22	1.44	1.46	1.37	1.28	1.24	1.22	1.24
PIPE INVERT	25.86	25.89	25.92	25.95	25.98	26.01	26.04	26.07	26.10	26.61	27.51	27.54	27.62	28.01	28.38	28.48	28.58	28.68	28.78	28.88

CHAINAGE	4000	4010	4020	4030	4040	4050	4060	4070	4080	4090	4100	4110	4120	4130	4140	4150	4160	4170	4180	4190	4200
GROUND LEVEL	30.88	30.97	31.05	31.17	31.29	31.43	31.56	31.71	31.87	32.14	32.38	32.63	32.86	33.06	33.25	33.41	33.57	33.75	33.89	34.12	34.28
COVER DEPTH	1.25	1.23	1.21	1.22	1.24	1.28	1.31	1.35	1.27	1.29	1.29	1.30	1.32	1.36	1.38	1.38	1.38	1.40	1.37	1.44	1.43
PIPE INVERT	28.98	29.08	29.18	29.28	29.38	29.51	29.66	29.82	30.03	30.25	30.46	30.67	30.86	31.03	31.19	31.36	31.52	31.68	31.85	32.01	32.18

PIPE DATA			
	approximately 710mm nominal diameter OPEN CUT	approximately 710mm nominal diameter TRENCHLESS	approximately 710mm nominal diameter OPEN CUT

ROUTE INFO			
	ROAD	FIELD	ROAD

2 LONGITUDINAL SECTION

SCALE @ A1: HORIZONTAL : 1:1000, VERTICAL : 1:200

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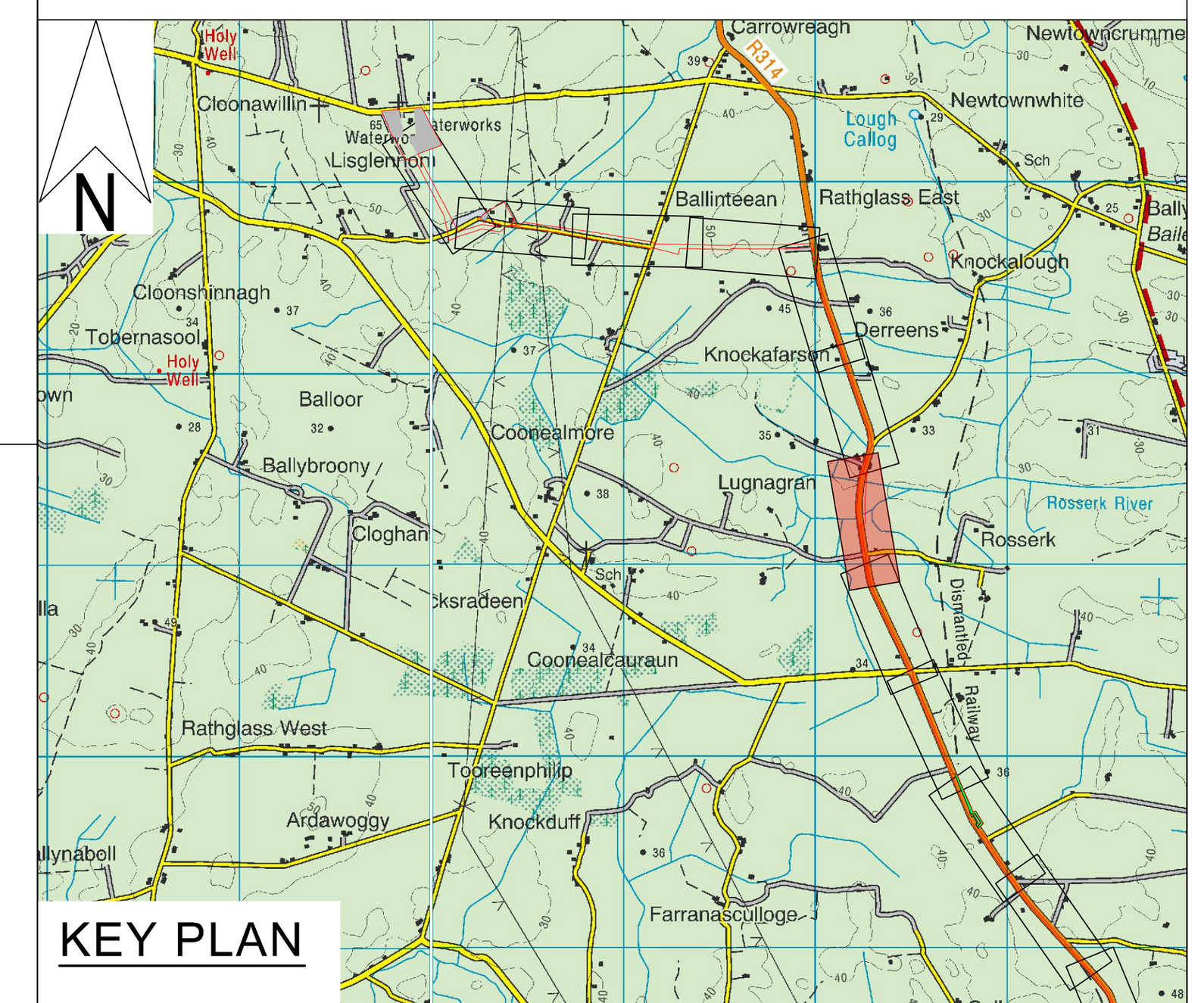
LEGEND:

PLAN

- RED LINE BOUNDARY
- PROPOSED PIPELINE A
- PROPOSED PIPELINE B
- INDICATIVE PROPOSED WAYLEAVE
- PROPOSED TRENCHLESS SECTION
- PROPOSED SITE COMPOUNDS
- WM — EXISTING WATERMAIN
- FW — EXISTING FOUL SEWER
- ESB MV UG — EXISTING ESB MV UNDERGROUND
- ESB LV UG — EXISTING ESB LV UNDERGROUND
- ESB 110kv OH — EXISTING ESB HV OVERHEAD
- GAS DMP — EXISTING GAS
- EIR — EXISTING EIRCOM
- TU — EXISTING AURORA TELECOM
- ENET — EXISTING ENET
- BT — EXISTING BT
- AV — PROPOSED AIR VALVE
- ScV — PROPOSED SCOUR VALVE

LONGITUDINAL SECTION

- EXISTING GROUND LEVEL
- MINIMUM COVER DEPTH (0.9 m IN THE FIELD AND 1.2m FOR ROAD) AND MAXIMUM INVERT DEPTH (6.0 m)



KEY PLAN

Rev.	Date	Description	By	Chk'd	Rev'd	App'd
C01	31.08.26	PLANNING	SB	ABM	MMcE	TM

Drawing Suitability: **PROJECT PLANNING**
Status: **A2**

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ATKINS HOUSE,150 AIRSIDE BUSINESS PARK, SWORDS, DUBLIN, K67 K5W4.
Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Uisce Éireann Irish Water

Project Title
BALLINA AND LOUGH TALT WATER SUPPLY UPGRADE

Drawing Title
PROPOSED TREATED WATER PIPELINE
PIPELINE B
PLAN & LONGITUDINAL SECTION SHEET
07 OF 54

Scale	Drawn	Checked	Reviewed	Authorised
AS INDICATED	SB	ABM	MMcE	TM
Original Size A1	Date 31.08.26	Date 31.08.26	Date 31.08.26	Date 31.08.26

Drawing Number: 10025936-ATK-LT-ZZ-DR-CE-211207
Revision: C01

Internal Project Number: 100089328

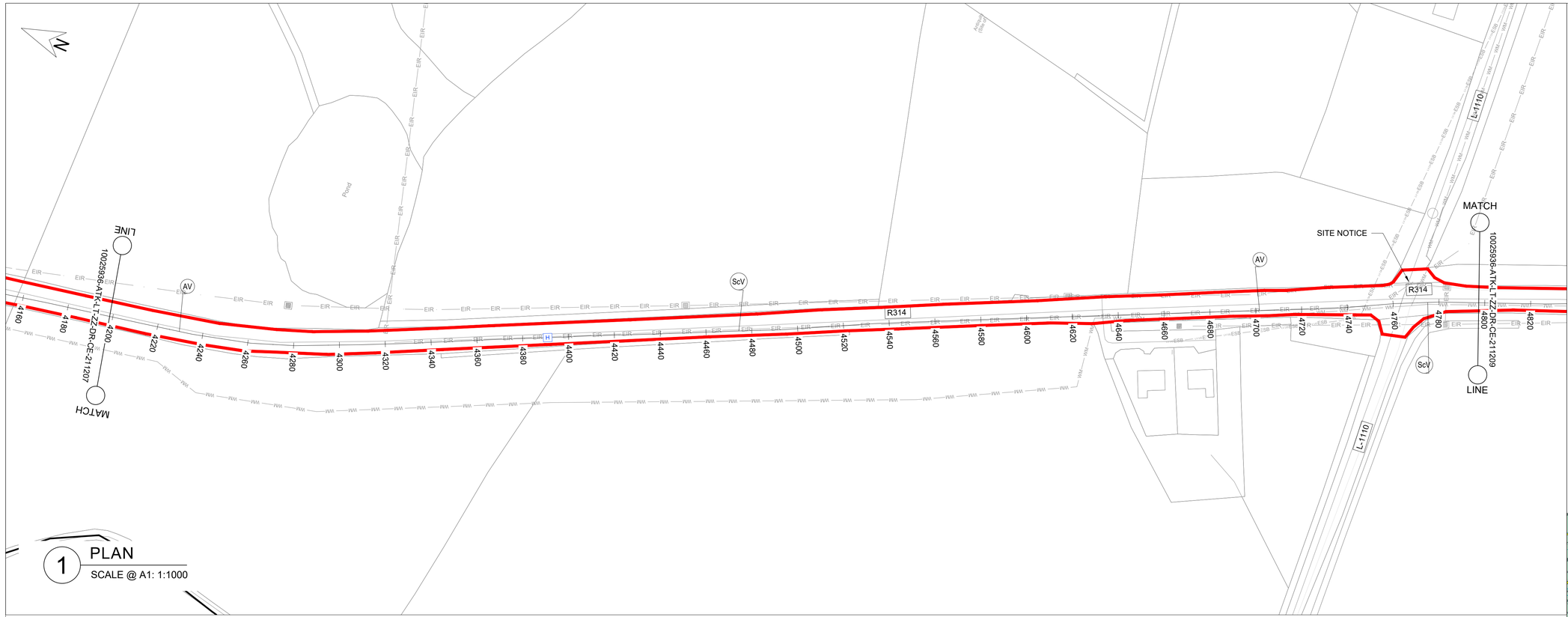
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Millimetres 0 10 100

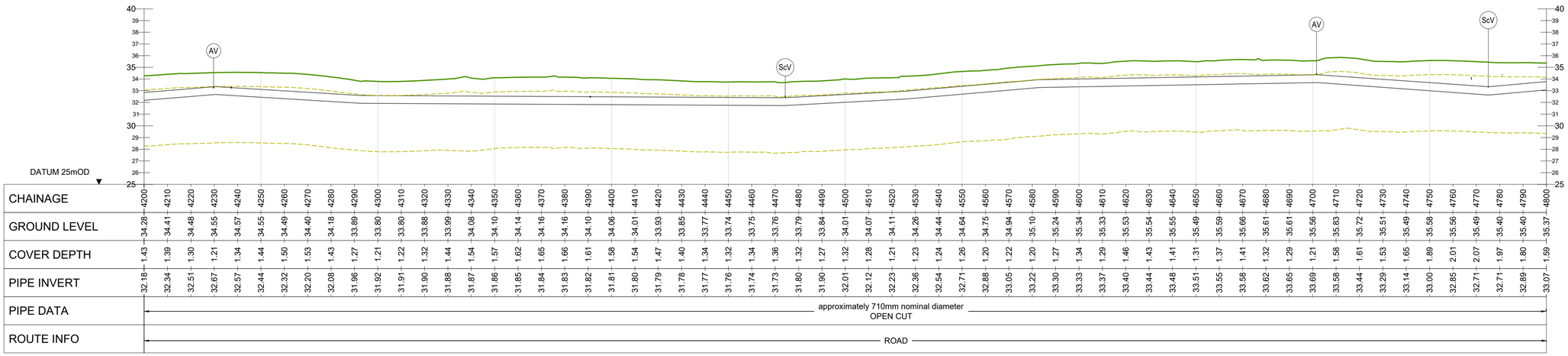
DO NOT SCALE

Millimetres 0 10 100



1 PLAN
SCALE @ A1: 1:1000

OSI Sheet No's:
1247



CHAINAGE	4200	4210	4220	4230	4240	4250	4260	4270	4280	4290	4300	4310	4320	4330	4340	4350	4360	4370	4380	4390	4400	4410	4420	4430	4440	4450	4460	4470	4480	4490	4500	4510	4520	4530	4540	4550	4560	4570	4580	4590	4600	4610	4620	4630	4640	4650	4660	4670	4680	4690	4700	4710	4720	4730	4740	4750	4760	4770	4780	4790	4800
GROUND LEVEL	34.28	34.41	34.48	34.55	34.57	34.55	34.49	34.40	34.18	33.89	33.80	33.80	33.88	33.99	34.08	34.10	34.14	34.16	34.16	34.10	34.06	34.01	33.93	33.85	33.77	33.74	33.75	33.76	33.79	33.84	34.01	34.07	34.11	34.26	34.44	34.64	34.75	34.94	35.10	35.24	35.34	35.33	35.53	35.54	35.55	35.49	35.59	35.66	35.61	35.61	35.56	35.83	35.72	35.51	35.49	35.58	35.56	35.49	35.40	35.40	35.37
COVER DEPTH	1.43	1.39	1.30	1.21	1.34	1.44	1.50	1.53	1.43	1.27	1.21	1.22	1.32	1.44	1.54	1.57	1.62	1.65	1.66	1.61	1.58	1.54	1.47	1.40	1.34	1.32	1.34	1.36	1.32	1.27	1.32	1.28	1.21	1.23	1.24	1.26	1.20	1.22	1.20	1.27	1.34	1.29	1.46	1.43	1.41	1.31	1.37	1.41	1.32	1.29	1.21	1.58	1.61	1.53	1.65	1.89	2.01	2.07	1.97	1.80	1.59
PIPE INVERT	32.18	32.34	32.51	32.67	32.57	32.44	32.32	32.20	32.08	31.96	31.92	31.91	31.90	31.88	31.87	31.86	31.85	31.84	31.83	31.82	31.81	31.80	31.79	31.78	31.77	31.76	31.74	31.73	31.80	31.90	32.01	32.12	32.23	32.36	32.54	32.71	32.88	33.05	33.22	33.30	33.33	33.37	33.40	33.44	33.48	33.51	33.55	33.58	33.62	33.65	33.69	33.58	33.44	33.29	33.14	33.00	32.85	32.71	32.71	32.89	33.07
PIPE DATA	approximately 710mm nominal diameter OPEN CUT
ROUTE INFO	ROAD

2 LONGITUDINAL SECTION
SCALE @ A1: HORIZONTAL : 1:1000, VERTICAL : 1:200

GENERAL NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE
2. ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS
3. ALL LEVELS ARE IN METRES AND ARE TO MALIN HEAD DATUM
4. ALL COORDINATES ARE IN METRES AND ARE TO IRISH TRANSVERSE MERCATOR
5. THE PROPOSED PIPELINE IS INDICATIVE AND IS SUBJECT TO THE FINAL DETAILED DESIGN BY THE APPOINTED CONTRACTOR
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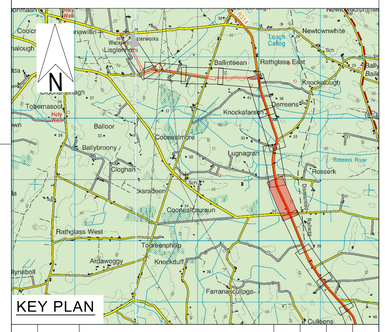
LEGEND:

PLAN

- RED LINE BOUNDARY
- PROPOSED PIPELINE A
- PROPOSED PIPELINE B
- INDICATIVE PROPOSED WAYLEAVE
- PROPOSED TRENCHLESS SECTION
- PROPOSED SITE COMPOUNDS
- WM — EXISTING WATERMAIN
- FW — EXISTING FOUL SEWER
- ESB — EXISTING ESB MV UNDERGROUND
- ESB — EXISTING ESB LV UNDERGROUND
- ESB — EXISTING ESB HV OVERHEAD
- GAS — EXISTING GAS
- EIR — EXISTING EIRCOM
- TU — EXISTING AURORA TELECOM
- ENET — EXISTING ENET
- BT — EXISTING BT
- AV — PROPOSED AIR VALVE
- ScV — PROPOSED SCOUR VALVE

LONGITUDINAL SECTION

- EXISTING GROUND LEVEL
- MINIMUM COVER DEPTH (0.9 m IN THE FIELD AND 1.2m FOR ROAD) AND MAXIMUM INVERT DEPTH (6.0 m)



KEY PLAN

Rev.	Date	Description	By	Chk'd	Rev'd	App'd
C01	31.08.26	PLANNING	SB	ABM	MMcE	TM

Drawing Suitability: PROJECT PLANNING — Status: A2

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DUBLIN | CORK | GALWAY | DUNDALK
ATKINS HOUSE,150 AIRSIDE BUSINESS PARK,
SWORDS, DUBLIN, K67 K5W4.
Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Uisce Éireann Irish Water

Project Title: BALLINA AND LOUGH TALT WATER SUPPLY UPGRADE

Drawing Title: PROPOSED TREATED WATER PIPELINE
PIPELINE B
PLAN & LONGITUDINAL SECTION SHEET
08 OF 54

Scale	Drawn	Checked	Reviewed	Authorised
AS INDICATED	SB	ABM	MMcE	TM
Original Size	**Date**	**Date**	**Date**	**Date**
A1	31.08.26	31.08.26	31.08.26	31.08.26

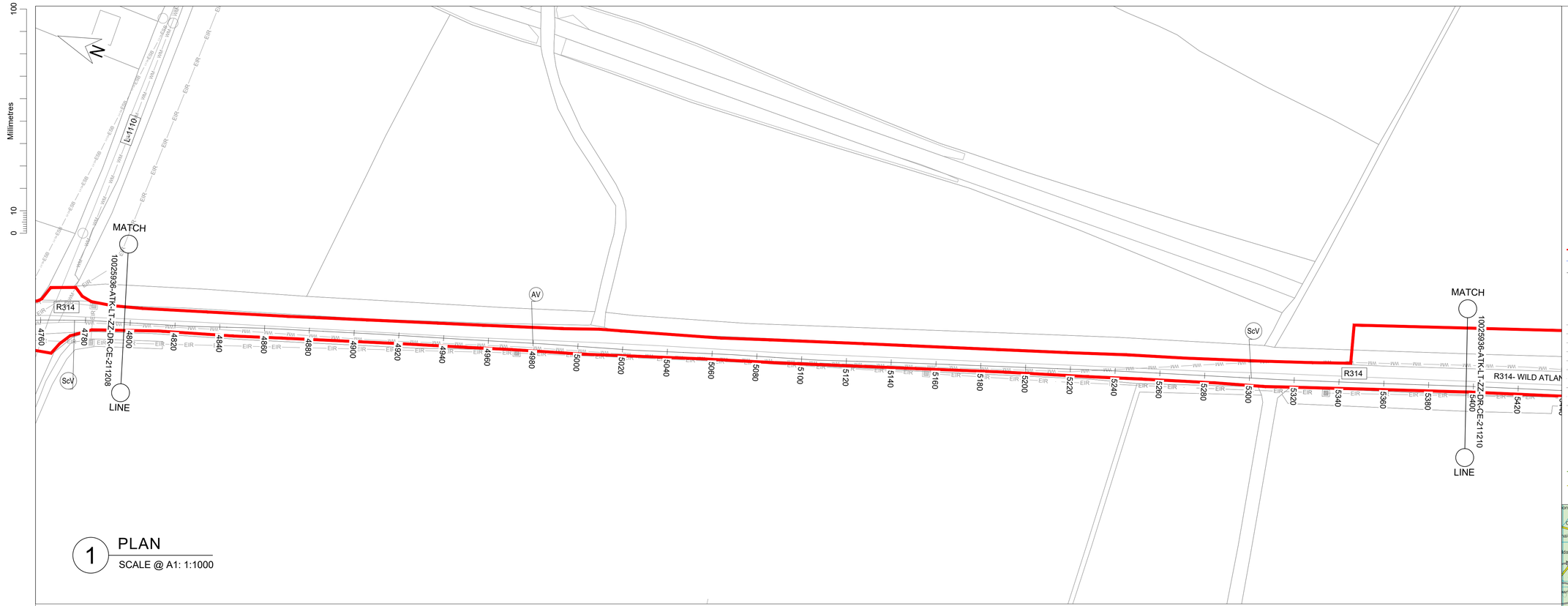
Drawing Number: 10025936-ATK-LT-ZZ-DR-CE-211208 — Revision: C01

Internal Project Number: 100089328

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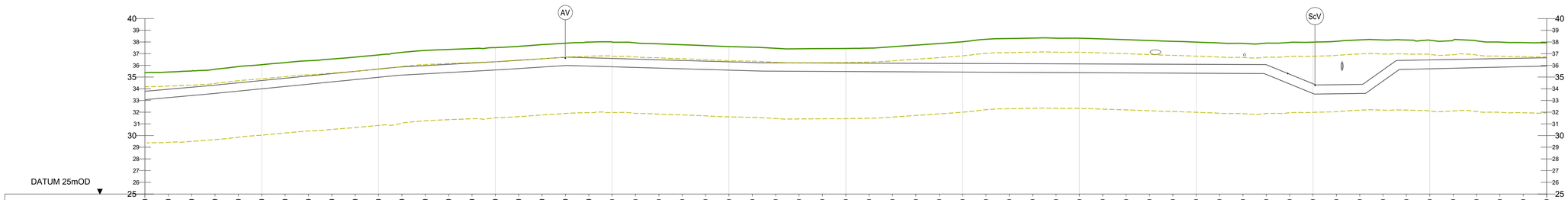
DO NOT SCALE



1 PLAN

SCALE @ A1: 1:1000

OSI Sheet No's:
1247



CHAINAGE	4800	4810	4820	4830	4840	4850	4860	4870	4880	4890	4900	4910	4920	4930	4940	4950	4960	4970	4980	4990	5000	5010	5020	5030	5040	5050	5060	5070	5080	5090	5100	5110	5120	5130	5140	5150	5160	5170	5180	5190	5200	5210	5220	5230	5240	5250	5260	5270	5280	5290	5300	5310	5320	5330	5340	5350	5360	5370	5380	5390	5400
GROUND LEVEL	35.37	35.43	35.52	35.67	35.90	36.06	36.24	36.40	36.54	36.71	36.89	37.11	37.27	37.36	37.44	37.52	37.63	37.77	37.90	37.99	38.00	37.93	37.85	37.77	37.69	37.60	37.55	37.47	37.42	37.43	37.45	37.48	37.59	37.73	37.87	38.02	38.23	38.30	38.33	38.33	38.32	38.26	38.20	38.13	38.06	37.99	37.91	37.87	37.90	37.96	37.98	38.06	38.18	38.18	38.17	38.16	38.16	38.10	37.99	37.95	37.93
COVER DEPTH	1.59	1.48	1.38	1.35	1.39	1.35	1.34	1.30	1.25	1.22	1.20	1.24	1.29	1.27	1.24	1.21	1.19	1.21	1.20	1.34	1.41	1.40	1.37	1.35	1.33	1.30	1.31	1.25	1.21	1.23	1.25	1.29	1.41	1.56	1.70	1.86	2.08	2.15	2.19	2.20	2.19	2.14	2.09	2.02	1.96	1.90	1.83	1.80	1.84	2.72	3.56	3.71	3.81	2.56	1.74	1.69	1.65	1.56	1.42	1.34	1.28
PIPE INVERT	33.07	33.25	33.42	33.60	33.80	34.00	34.20	34.39	34.59	34.79	34.98	35.17	35.28	35.39	35.50	35.61	35.73	35.86	35.99	35.94	35.88	35.83	35.77	35.71	35.65	35.60	35.54	35.51	35.50	35.49	35.48	35.47	35.46	35.45	35.44	35.43	35.42	35.41	35.40	35.39	35.38	35.37	35.36	35.35	35.34	35.33	35.32	35.31	35.22	34.41	33.60	33.57	33.60	34.67	35.66	35.71	35.76	35.80	35.85	35.89	35.94
PIPE DATA	approximately 710mm nominal diameter OPEN CUT
ROUTE INFO	ROAD

2 LONGITUDINAL SECTION

SCALE @ A1: HORIZONTAL : 1:1000, VERTICAL : 1:200

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LEGEND:

PLAN

- RED LINE BOUNDARY
- PROPOSED PIPELINE A
- PROPOSED PIPELINE B
- INDICATIVE PROPOSED WAYLEAVE
- PROPOSED TRENCHLESS SECTION
- PROPOSED SITE COMPOUNDS
- EXISTING WATERMAIN
- EXISTING FOUL SEWER
- EXISTING ESB MV UNDERGROUND
- EXISTING ESB LV UNDERGROUND
- EXISTING ESB HV OVERHEAD
- EXISTING GAS
- EXISTING EIRCOM
- EXISTING AURORA TELECOM
- EXISTING ENET
- EXISTING BT
- AV PROPOSED AIR VALVE
- ScV PROPOSED SCOUR VALVE

LONGITUDINAL SECTION

- EXISTING GROUND LEVEL
- MINIMUM COVER DEPTH (0.9 m IN THE FIELD AND 1.2m FOR ROAD) AND MAXIMUM INVERT DEPTH (6.0 m)



KEY PLAN

Rev.	Date	Description	By	Chk'd	Rev'd	App'd
C01	31.08.26	PLANNING	SB	ABM	MMcE	TM

Drawing Suitability: PROJECT PLANNING — Status: A2

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ATKINS HOUSE,150 AIRSIDE BUSINESS PARK,
SWORDS, DUBLIN, K67 K5W4.
Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Uisce Éireann Irish Water

Project Title: BALLINA AND LOUGH TALT WATER SUPPLY UPGRADE

Drawing Title: PROPOSED TREATED WATER PIPELINE
PIPELINE B
PLAN & LONGITUDINAL SECTION SHEET
09 OF 54

Scale	Drawn	Checked	Reviewed	Authorised
AS INDICATED	SB	ABM	MMcE	TM
Original Size	**Date**	**Date**	**Date**	**Date**
A1	31.08.26	31.08.26	31.08.26	31.08.26

Drawing Number: 10025936-ATK-LT-ZZ-DR-CE-211209 — Revision: C01

Internal Project Number: 100089328

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Millimetres 0 10 100

MATCH

10025936-ATK-LT-ZZ-DR-CE-211209

LINE

R314- WILD ATLANTIC WAY

R314

RATHROEEN STREAM

L-21105

SITE NOTICE

SITE NOTICE

ScV

AV

MATCH

10025936-ATK-LT-ZZ-DR-CE-211211

LINE

R314

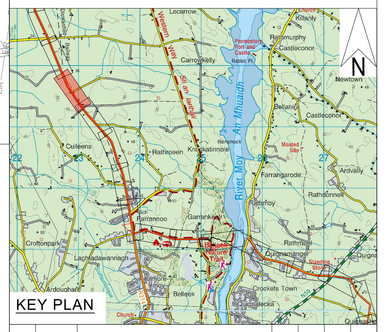
R314

N

1 PLAN

SCALE @ A1: 1:1000

OSI Sheet No's:
1247



KEY PLAN

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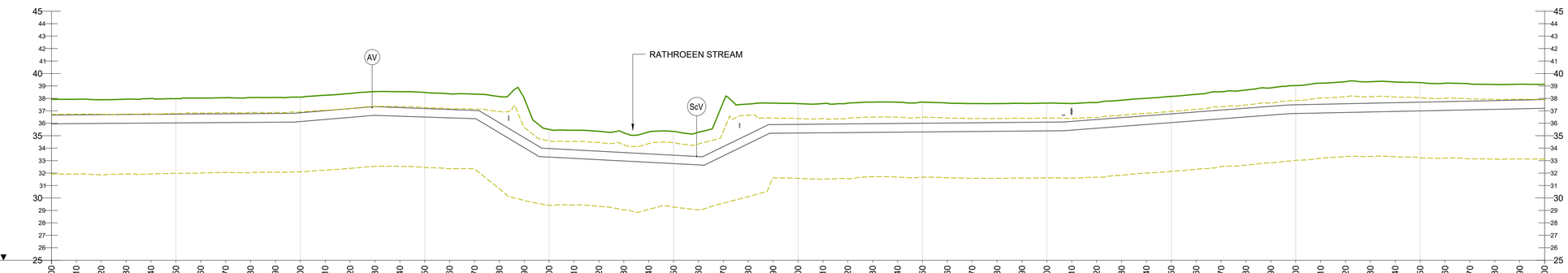
LEGEND:

PLAN

- RED LINE BOUNDARY
- PROPOSED PIPELINE A
- PROPOSED PIPELINE B
- INDICATIVE PROPOSED WAYLEAVE
- PROPOSED TRENCHLESS SECTION
- PROPOSED SITE COMPOUNDS
- WM — EXISTING WATERMAIN
- FW — EXISTING FOUL SEWER
- ESB — EXISTING ESB MV UNDERGROUND
- ESB — EXISTING ESB LV UNDERGROUND
- ESB — EXISTING ESB HV OVERHEAD
- GAS — EXISTING GAS
- EIR — EXISTING EIRCOM
- TU — EXISTING AURORA TELECOM
- ENET — EXISTING ENET
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- AV — PROPOSED AIR VALVE
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LONGITUDINAL SECTION

- EXISTING GROUND LEVEL
- MINIMUM COVER DEPTH (0.9 m IN THE FIELD AND 1.2m FOR ROAD) AND MAXIMUM INVERT DEPTH (6.0 m)



CHAINAGE	5400	5410	5420	5430	5440	5450	5460	5470	5480	5490	5500	5510	5520	5530	5540	5550	5560	5570	5580	5590	5600	5610	5620	5630	5640	5650	5660	5670	5680	5690	5700	5710	5720	5730	5740	5750	5760	5770	5780	5790	5800	5810	5820	5830	5840	5850	5860	5870	5880	5890	5900	5910	5920	5930	5940	5950	5960	5970	5980	5990	6000
GROUND LEVEL	37.93	37.93	37.89	37.94	37.98	37.98	38.02	38.05	38.06	38.07	38.10	38.25	38.39	38.54	38.54	38.47	38.37	38.34	38.15	38.00	35.50	35.44	35.35	35.24	35.29	35.34	35.28	37.70	37.54	37.62	37.58	37.58	37.62	37.70	37.69	37.69	37.63	37.58	37.58	37.60	37.62	37.59	37.67	37.85	38.01	38.16	38.32	38.53	38.67	38.84	39.03	39.22	39.34	39.34	39.32	39.26	39.21	39.16	39.12	39.14	39.13
COVER DEPTH	1.28	1.25	1.19	1.23	1.26	1.25	1.28	1.29	1.29	1.28	1.26	1.24	1.22	1.21	1.28	1.29	1.26	1.31	2.11	3.16	1.54	1.58	1.60	1.59	1.75	1.91	1.95	3.58	2.44	1.72	1.67	1.65	1.67	1.74	1.71	1.69	1.61	1.55	1.53	1.53	1.53	1.44	1.37	1.40	1.40	1.40	1.41	1.47	1.46	1.48	1.54	1.69	1.77	1.72	1.66	1.57	1.48	1.38	1.30	1.27	1.23
PIPE INVERT	35.94	35.97	35.99	36.00	36.02	36.03	36.04	36.06	36.07	36.09	36.14	36.31	36.47	36.63	36.56	36.50	36.43	36.37	35.23	34.04	33.28	33.18	33.07	32.97	32.86	32.76	32.65	33.38	34.36	35.20	35.21	35.23	35.25	35.27	35.28	35.30	35.32	35.33	35.35	35.37	35.39	35.45	35.60	35.75	35.90	36.05	36.21	36.36	36.51	36.66	36.78	36.83	36.87	36.91	36.95	36.99	37.03	37.08	37.12	37.16	37.20
PIPE DATA	approximately 710mm nominal diameter OPEN CUT																																																																												
ROUTE INFO	ROAD																					FIELD																																																									

2 LONGITUDINAL SECTION

SCALE @ A1: HORIZONTAL : 1:1000, VERTICAL : 1:200

Rev.	Date	Description	By	Chk'd	Rev'd	App'd
C01	31.08.26	PLANNING	SB	ABM	MMcE	TM

Drawing Suitability: PROJECT PLANNING

Status: A2

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ATKINS HOUSE,150 AIRSIDE BUSINESS PARK,
SWORDS, DUBLIN, K67 K5W4.
Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Uisce Éireann Irish Water

Project Title: BALLINA AND LOUGH TALT WATER SUPPLY UPGRADE

Drawing Title: PROPOSED TREATED WATER PIPELINE
PIPELINE B
PLAN & LONGITUDINAL SECTION SHEET
10 OF 54

Scale	Drawn	Checked	Reviewed	Authorised
AS INDICATED	SB	ABM	MMcE	TM
Original Size	**Date**	**Date**	**Date**	**Date**
A1	31.08.26	31.08.26	31.08.26	31.08.26

Drawing Number: 10025936-ATK-LT-ZZ-DR-CE-211210

Revision: C01

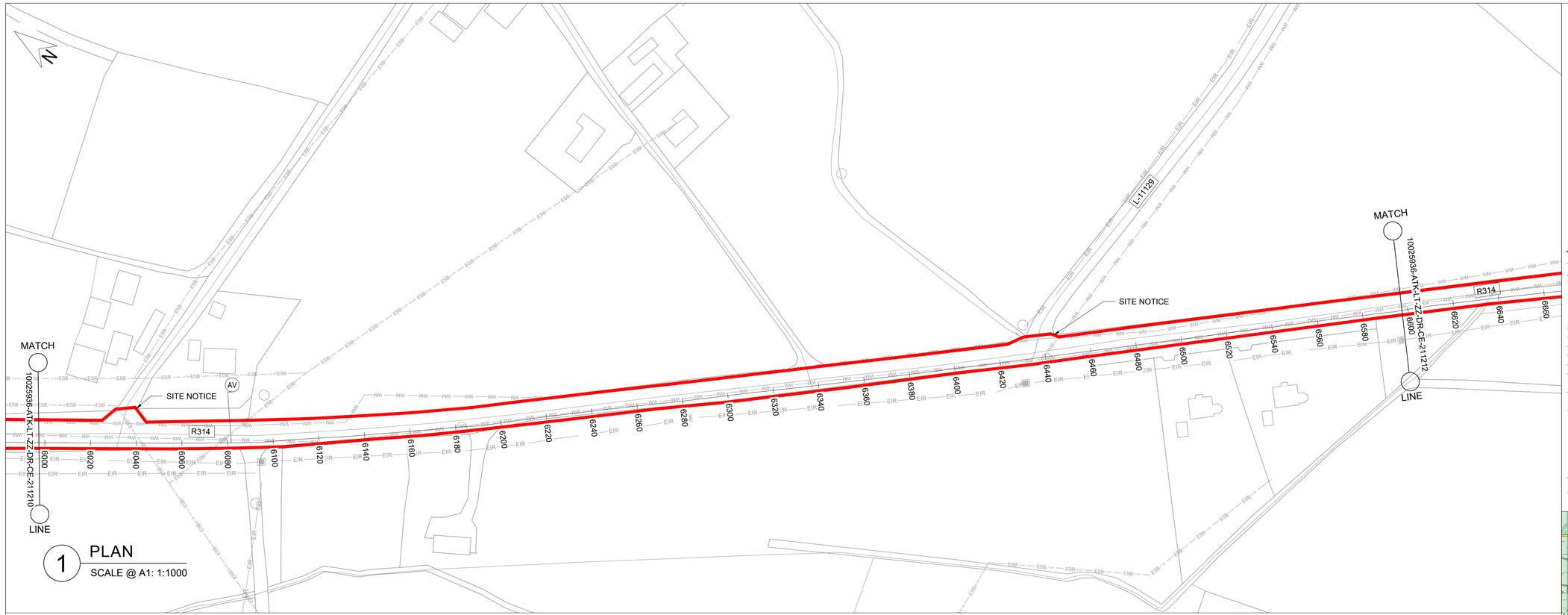
Internal Project Number: 100089328

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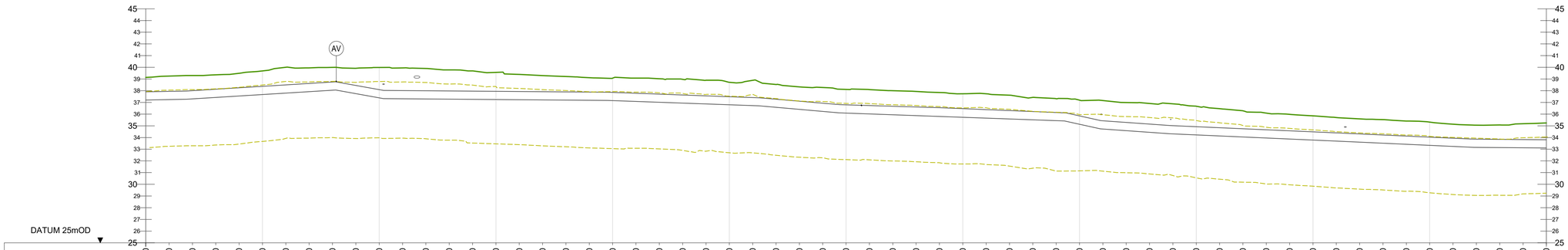
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1 PLAN

SCALE @ A1: 1:1000

OSI Sheet No's:
1247



2 LONGITUDINAL SECTION

SCALE @ A1: HORIZONTAL : 1:1000, VERTICAL : 1:200

NOTE: EXISTING UTILITIES AS PER GPR AND TOPOGRAPHICAL SURVEYS WHERE AVAILABLE, OTHERWISE AS INDICATED IN THE UTILITY RECORDS SHOWN IN THE PLAN DRAWING.

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LEGEND:

PLAN

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LONGITUDINAL SECTION

- EXISTING GROUND LEVEL
- MINIMUM COVER DEPTH (0.9 m IN THE FIELD AND 1.2m FOR ROAD) AND MAXIMUM INVERT DEPTH (6.0 m)



KEY PLAN

Rev.	Date	Description	By	Chk'd	Rev'd	App'd
C01	31.08.26	PLANNING	SB	ABM	MMcE	TM

Drawing Suitability: PROJECT PLANNING — Status: A2

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PLAN & LONGITUDINAL SECTION SHEET
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Scale	Drawn	Checked	Reviewed	Authorised
AS INDICATED	SB	ABM	MMcE	TM
Original Size	**Date**	**Date**	**Date**	**Date**
A1	31.08.26	31.08.26	31.08.26	31.08.26

Drawing Number: 10025936-ATK-LT-ZZ-DR-CE-211211 — Revision: C01

Internal Project Number: 100089328

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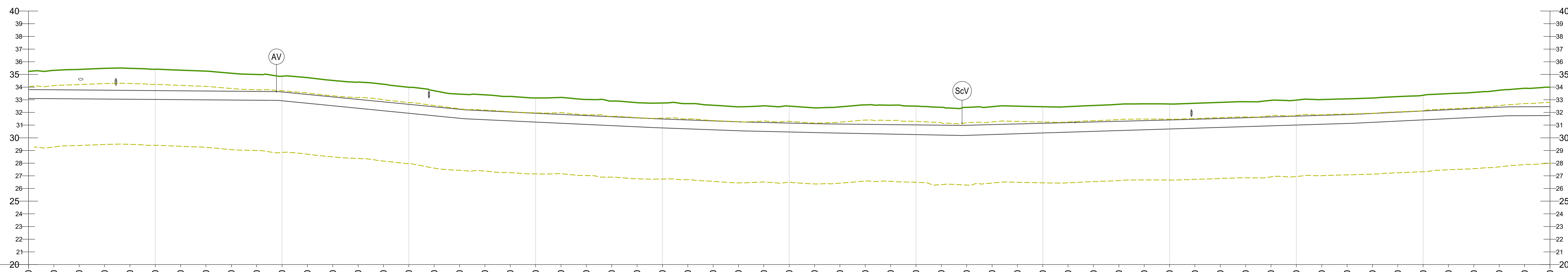
DO NOT SCALE



1 PLAN

SCALE @ A1: 1:1000

OSI Sheet No's:1247



CHAINAGE	GROUND LEVEL	COVER DEPTH	PIPE INVERT
6600	35.24	1.44	33.10
6610	35.32	1.53	33.09
6620	35.40	1.62	33.07
6630	35.48	1.72	33.06
6640	35.49	1.74	33.04
6650	35.41	1.68	33.02
6660	35.33	1.62	33.01
6670	35.26	1.57	32.99
6680	35.09	1.42	32.98
6690	35.00	1.33	32.96
6700	34.86	1.24	32.92
6710	34.75	1.32	32.72
6720	34.52	1.30	32.53
6730	34.40	1.37	32.33
6740	34.22	1.39	32.13
6750	33.98	1.34	31.94
6760	33.72	1.27	31.74
6770	33.44	1.20	31.54
6780	33.39	1.26	31.43
6790	33.26	1.23	31.33
6800	33.15	1.21	31.24
6810	33.18	1.33	31.15
6820	33.02	1.27	31.05
6830	32.90	1.24	30.96
6840	32.77	1.20	30.87
6850	32.75	1.27	30.78
6860	32.70	1.29	30.71
6870	32.57	1.24	30.63
6880	32.45	1.19	30.56
6890	32.52	1.31	30.51
6900	32.50	1.34	30.46
6910	32.36	1.25	30.41
6920	32.44	1.36	30.37
6930	32.60	1.54	30.33
6940	32.57	1.53	30.29
6950	32.50	1.48	30.26
6960	32.41	1.41	30.22
6970	32.40	1.41	30.20
6980	32.46	1.41	30.26
6990	32.50	1.40	30.32
7000	32.45	1.30	30.39
7010	32.46	1.25	30.45
7020	32.55	1.30	30.51
7030	32.64	1.34	30.57
7040	32.68	1.32	30.64
7050	32.67	1.26	30.70
7060	32.72	1.26	30.76
7070	32.79	1.27	30.82
7080	32.84	1.26	30.89
7090	32.95	1.30	30.95
7100	32.98	1.27	31.01
7110	33.02	1.24	31.07
7120	33.08	1.24	31.13
7130	33.14	1.22	31.22
7140	33.25	1.23	31.32
7150	33.36	1.24	31.41
7160	33.49	1.27	31.51
7170	33.58	1.27	31.61
7180	33.75	1.34	31.71
7190	33.91	1.46	31.75
7200	34.00	1.54	31.76

PIPE DATA: approximately 710mm nominal diameter OPEN CUT

ROUTE INFO: ROAD

2 LONGITUDINAL SECTION

SCALE @ A1: HORIZONTAL : 1:1000, VERTICAL : 1:200

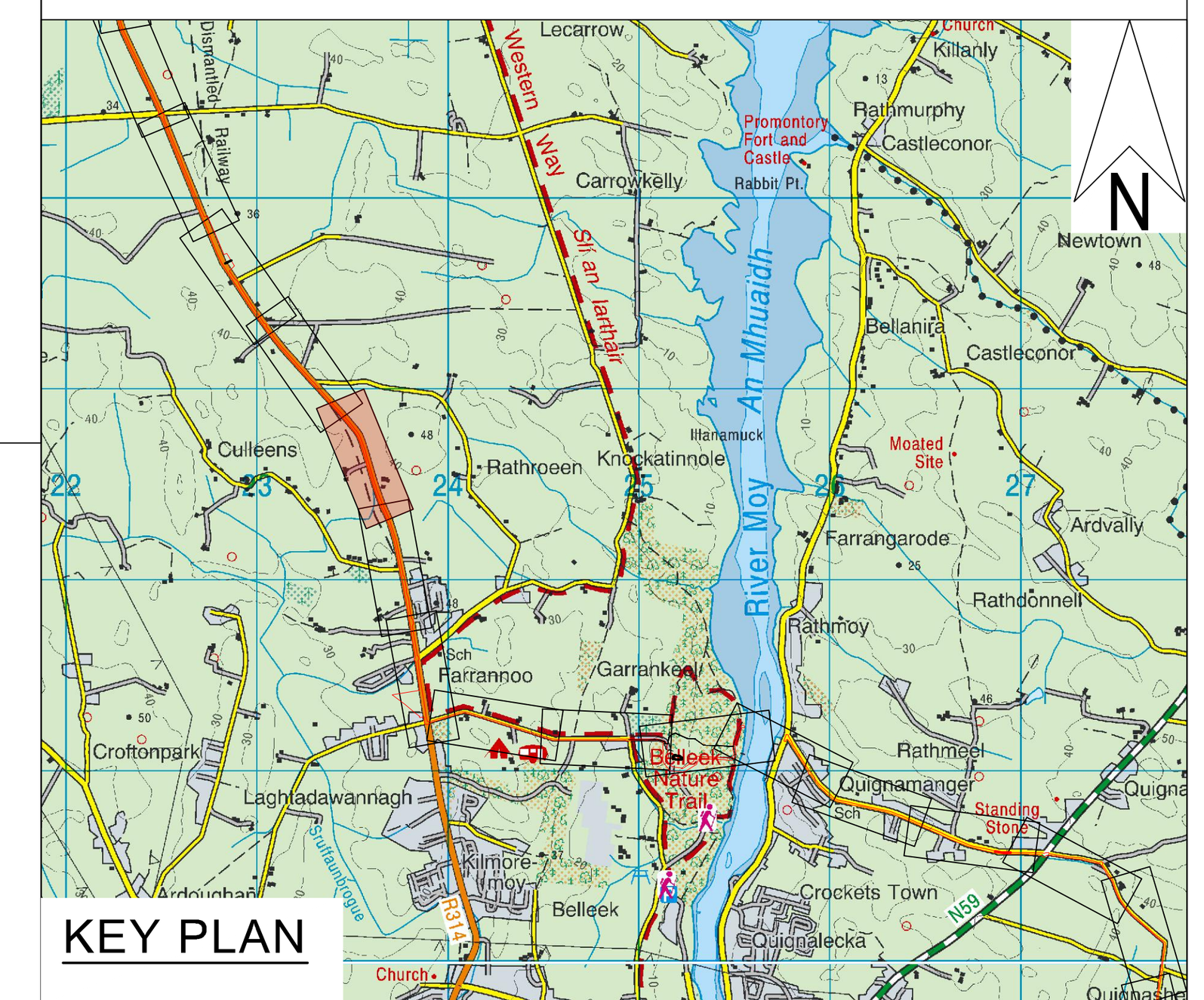
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LEGEND:

PLAN
- RED LINE BOUNDARY
- PROPOSED PIPELINE A
- PROPOSED PIPELINE B
- INDICATIVE PROPOSED WAYLEAVE
- PROPOSED TRENCHLESS SECTION
- PROPOSED SITE COMPOUNDS
- WM — EXISTING WATERMAIN
- FW — EXISTING FOUL SEWER
- ESB MV UG — EXISTING ESB MV UNDERGROUND
- ESB LV UG — EXISTING ESB LV UNDERGROUND
- ESB 110kv OH — EXISTING ESB HV OVERHEAD
- GAS DMP — EXISTING GAS
- EIR — EXISTING EIRCOM
- TU — EXISTING AURORA TELECOM
- ENET — EXISTING ENET
- BT — EXISTING BT
- AV — PROPOSED AIR VALVE
- ScV — PROPOSED SCOUR VALVE

LONGITUDINAL SECTION
- EXISTING GROUND LEVEL
- MINIMUM COVER DEPTH (0.9 m IN THE FIELD AND 1.2m FOR ROAD) AND MAXIMUM INVERT DEPTH (6.0 m)



KEY PLAN

Rev.	Date	Description	By	Chk'd	Rev'd	App'd
C01	31.08.26	PLANNING	SB	ABM	MMcE	TM

Drawing Suitability: **PROJECT PLANNING**

Status: **A2**

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ATKINS HOUSE,150 AIRSIDE BUSINESS PARK, SWORDS, DUBLIN, K67 K5W4.

Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Uisce Éireann Irish Water

Project Title: BALLINA AND LOUGH TALT WATER SUPPLY UPGRADE

Drawing Title: PROPOSED TREATED WATER PIPELINE PIPELINE B PLAN & LONGITUDINAL SECTION SHEET 12 OF 54

Scale	Drawn	Checked	Reviewed	Authorised
AS INDICATED	SB	ABM	MMcE	TM
Original Size: A1	Date: 31.08.26	Date: 31.08.26	Date: 31.08.26	Date: 31.08.26

Drawing Number: 10025936-ATK-LT-ZZ-DR-CE-211212

Revision: C01

Internal Project Number: 100089328

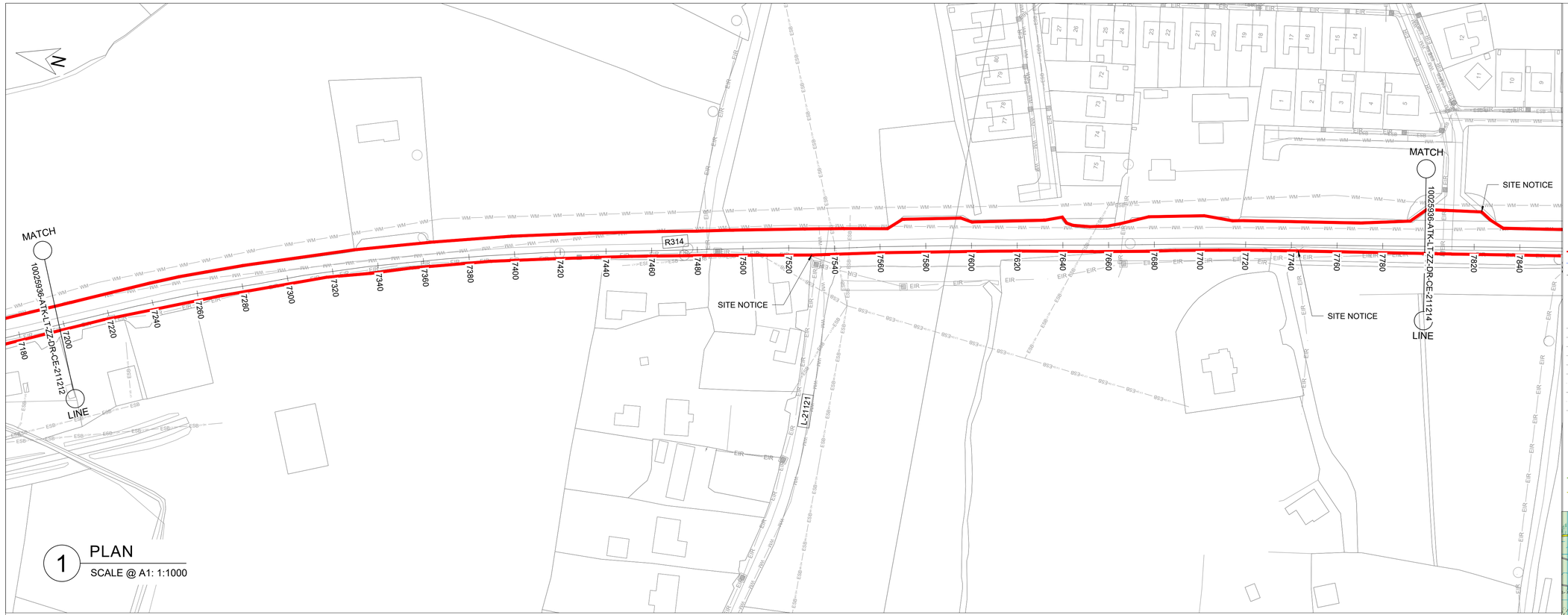
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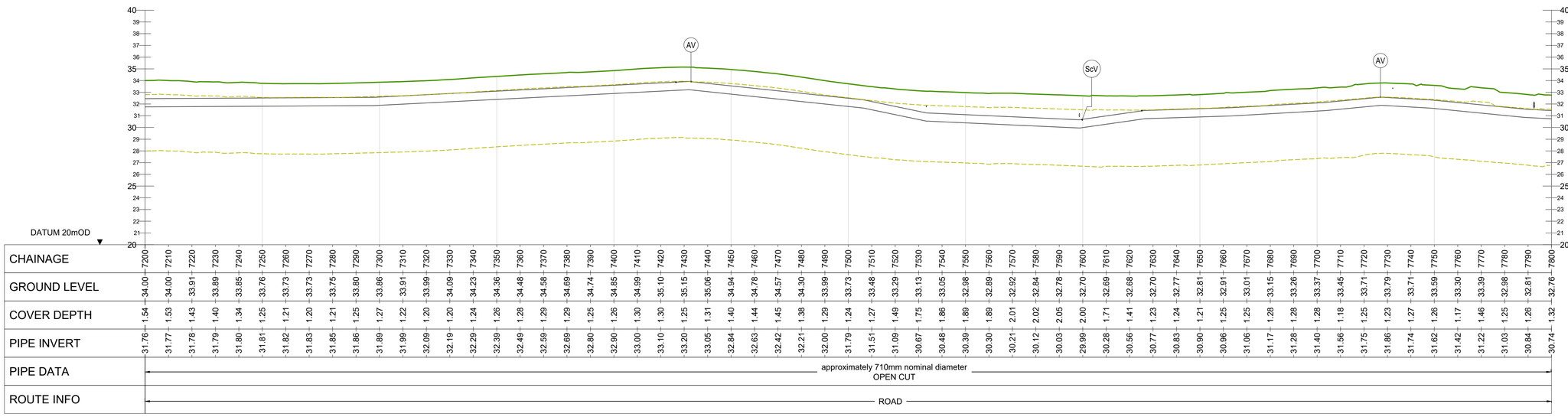
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1 PLAN

SCALE @ A1: 1:1000

OSI Sheet No's:
1247, 1316-B



CHAINAGE	7200	7210	7220	7230	7240	7250	7260	7270	7280	7290	7300	7310	7320	7330	7340	7350	7360	7370	7380	7390	7400	7410	7420	7430	7440	7450	7460	7470	7480	7490	7500	7510	7520	7530	7540	7550	7560	7570	7580	7590	7600	7610	7620	7630	7640	7650	7660	7670	7680	7690	7700	7710	7720	7730	7740	7750	7760	7770	7780	7790	7800
GROUND LEVEL	34.00	34.00	33.91	33.89	33.85	33.76	33.73	33.73	33.75	33.80	33.86	33.91	33.99	34.09	34.23	34.36	34.48	34.58	34.69	34.74	34.85	34.99	35.10	35.15	35.06	34.94	34.78	34.57	34.30	33.99	33.73	33.48	33.29	33.13	33.05	32.98	32.89	32.92	32.84	32.78	32.70	32.69	32.68	32.70	32.77	32.81	32.91	33.01	33.15	33.26	33.37	33.45	33.71	33.79	33.71	33.59	33.30	33.39	32.98	32.81	32.76
COVER DEPTH	1.54	1.53	1.43	1.40	1.34	1.25	1.21	1.20	1.21	1.25	1.27	1.22	1.20	1.20	1.24	1.26	1.28	1.29	1.29	1.25	1.26	1.30	1.30	1.25	1.31	1.40	1.44	1.45	1.38	1.29	1.24	1.27	1.49	1.75	1.86	1.89	1.89	2.01	2.02	2.05	2.00	1.71	1.41	1.23	1.24	1.21	1.25	1.25	1.28	1.28	1.28	1.18	1.25	1.23	1.27	1.26	1.17	1.46	1.25	1.26	1.32
PIPE INVERT	31.76	31.77	31.78	31.79	31.80	31.81	31.82	31.83	31.85	31.86	31.89	31.99	32.09	32.19	32.29	32.39	32.49	32.59	32.69	32.80	32.90	33.00	33.10	33.20	33.05	32.84	32.63	32.42	32.21	32.00	31.79	31.51	31.09	30.67	30.48	30.39	30.30	30.21	30.12	30.03	29.99	30.28	30.56	30.77	30.83	30.90	30.96	31.06	31.17	31.28	31.40	31.56	31.75	31.86	31.74	31.62	31.42	31.22	31.03	30.84	30.74
PIPE DATA	approximately 710mm nominal diameter OPEN CUT
ROUTE INFO	ROAD

2 LONGITUDINAL SECTION

SCALE @ A1: HORIZONTAL : 1:1000, VERTICAL : 1:200

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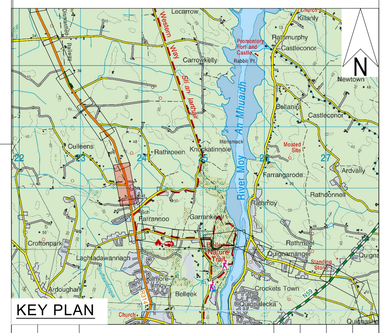
LEGEND:

PLAN

- RED LINE BOUNDARY
- PROPOSED PIPELINE A
- PROPOSED PIPELINE B
- INDICATIVE PROPOSED WAYLEAVE
- PROPOSED TRENCHLESS SECTION
- PROPOSED SITE COMPOUNDS
- WM — EXISTING WATERMAIN
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- ESB — EXISTING ESB MV UNDERGROUND
- ESB — EXISTING ESB LV UNDERGROUND
- ESB — EXISTING ESB HV OVERHEAD
- GAS — EXISTING GAS
- EIR — EXISTING EIRCOM
- TU — EXISTING AURORA TELECOM
- ENET — EXISTING ENET
- BT — EXISTING BT
- AV — PROPOSED AIR VALVE
- ScV — PROPOSED SCOUR VALVE

LONGITUDINAL SECTION

- EXISTING GROUND LEVEL
- MINIMUM COVER DEPTH (0.9 m IN THE FIELD AND 1.2m FOR ROAD) AND MAXIMUM INVERT DEPTH (6.0 m)



KEY PLAN

Rev.	Date	Description	By	Chk'd	Rev'd	App'd
C01	31.08.26	PLANNING	SB	ABM	MMcE	TM

Drawing Suitability: PROJECT PLANNING

Status: A2

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ATKINS HOUSE,150 AIRSIDE BUSINESS PARK,
SWORDS, DUBLIN, K67 K5W4.
Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Uisce Éireann Irish Water

Project Title: BALLINA AND LOUGH TALT WATER SUPPLY UPGRADE

Drawing Title: PROPOSED TREATED WATER PIPELINE
PIPELINE B
PLAN & LONGITUDINAL SECTION
SHEET 13 OF 54

Scale	Drawn	Checked	Reviewed	Authorised
AS INDICATED	SB	ABM	MMcE	TM
Original Size	**Date**	**Date**	**Date**	**Date**
A1	31.08.26	31.08.26	31.08.26	31.08.26

Drawing Number: 10025936-ATK-LT-ZZ-DR-CE-211213

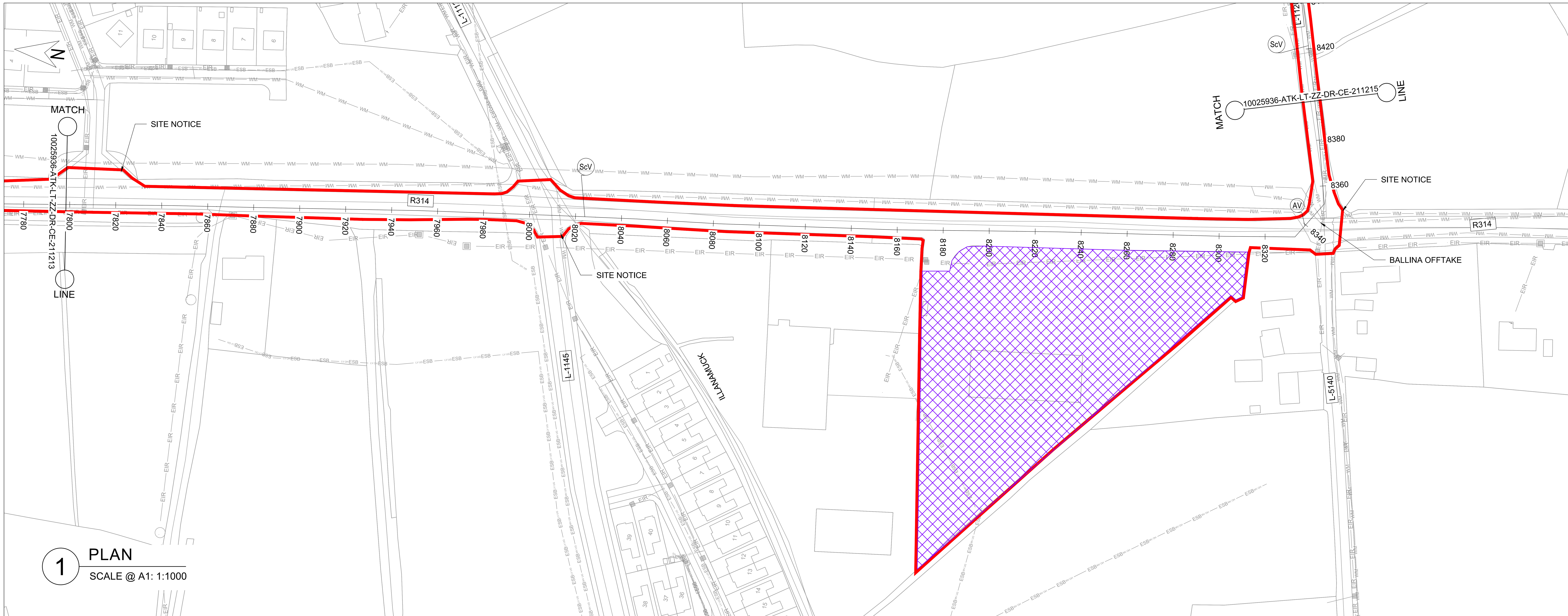
Revision: C01

Internal Project Number: 100089328

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1 PLAN

SCALE @ A1: 1:1000

OSI Sheet No's:
1316-B

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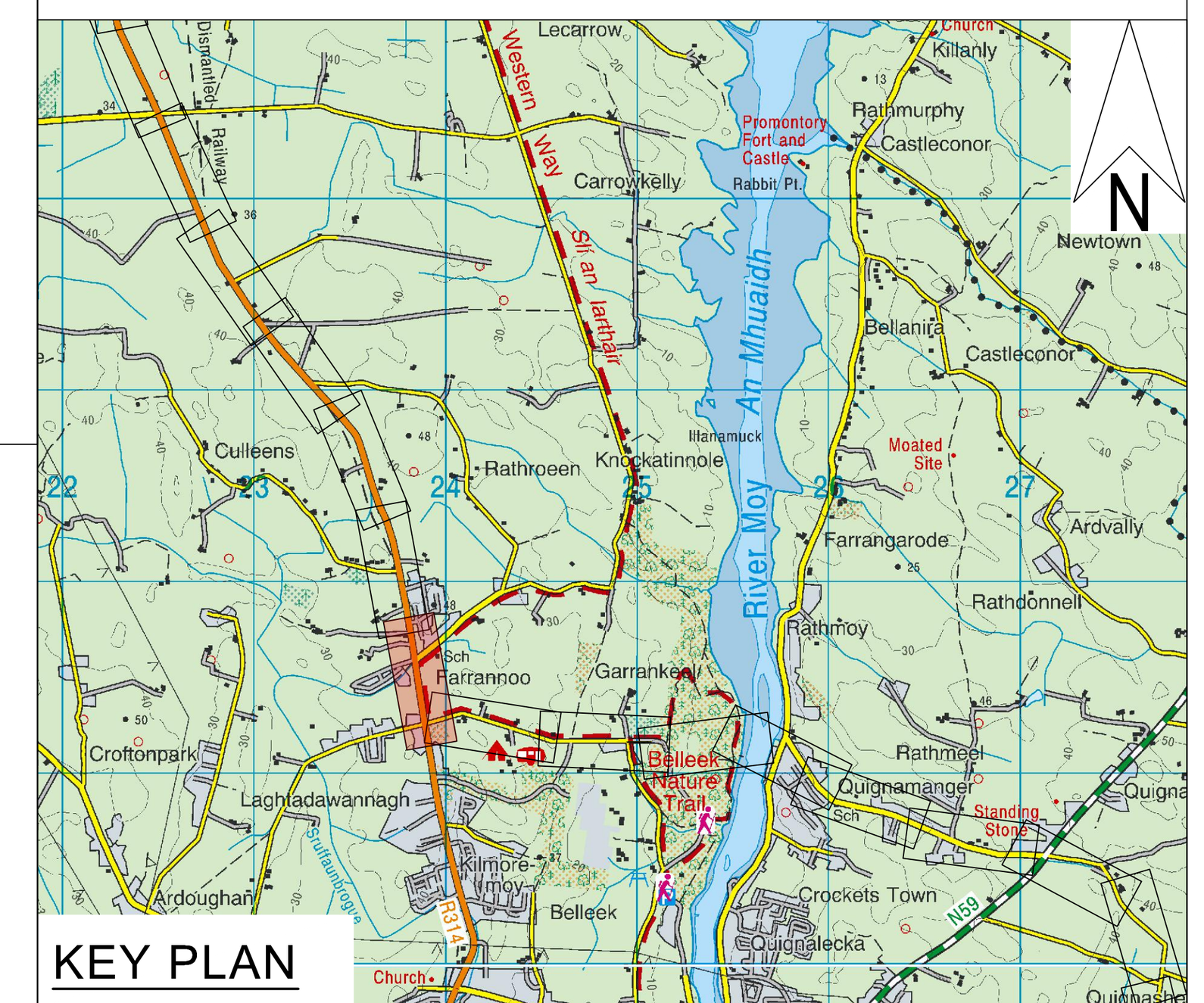
LEGEND:

PLAN

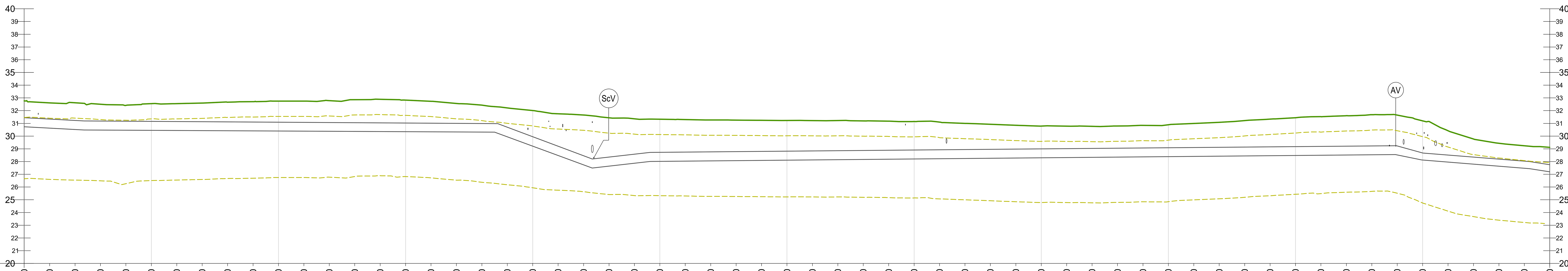
- RED LINE BOUNDARY
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- PROPOSED SITE COMPOUNDS
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LONGITUDINAL SECTION

- EXISTING GROUND LEVEL
- MINIMUM COVER DEPTH (0.9 m IN THE FIELD AND 1.2m FOR ROAD) AND MAXIMUM INVERT DEPTH (6.0 m)



KEY PLAN



CHAINAGE	7800	7810	7820	7830	7840	7850	7860	7870	7880	7890	7900	7910	7920	7930	7940	7950
GROUND LEVEL	32.76	32.61	32.62	32.50	32.41	32.55	32.55	32.59	32.67	32.71	32.75	32.74	32.78	32.86	32.89	32.83
COVER DEPTH	1.32	1.27	1.38	1.32	1.24	1.39	1.40	1.46	1.55	1.60	1.65	1.66	1.71	1.81	1.85	1.80
PIPE INVERT	30.74	30.63	30.52	30.48	30.47	30.46	30.45	30.44	30.42	30.41	30.40	30.39	30.38	30.37	30.36	30.35

CHAINAGE	7960	7970	7980	7990	8000	8010	8020	8030	8040	8050	8060	8070	8080	8090	8100
GROUND LEVEL	32.74	32.56	32.43	32.22	32.01	31.76	31.66	31.44	31.36	31.32	31.30	31.26	31.26	31.24	31.23
COVER DEPTH	1.72	1.56	1.44	1.52	2.06	2.55	3.20	3.09	2.78	2.60	2.56	2.50	2.48	2.44	2.41
PIPE INVERT	30.34	30.33	30.32	29.95	29.21	28.48	27.74	27.64	27.87	28.01	28.03	28.05	28.07	28.09	28.11

CHAINAGE	8110	8120	8130	8140	8150	8160	8170	8180	8190	8200	8210	8220	8230	8240	8250
GROUND LEVEL	31.22	31.22	31.19	31.17	31.15	31.10	31.00	30.93	30.85	30.79	30.78	30.77	30.79	30.84	30.89
COVER DEPTH	2.39	2.37	2.32	2.28	2.24	2.17	2.05	1.97	1.87	1.79	1.77	1.73	1.74	1.77	1.81
PIPE INVERT	28.13	28.14	28.16	28.18	28.20	28.22	28.24	28.26	28.27	28.29	28.31	28.33	28.35	28.37	28.38

CHAINAGE	8260	8270	8280	8290	8300	8310	8320	8330	8340	8350	8360	8370	8380	8390	8400
GROUND LEVEL	31.00	31.08	31.22	31.33	31.44	31.53	31.60	31.68	31.65	31.20	30.42	29.77	29.44	29.24	29.12
COVER DEPTH	1.89	1.96	2.08	2.18	2.27	2.34	2.40	2.46	2.42	2.52	1.91	1.42	1.24	1.21	1.36
PIPE INVERT	28.40	28.42	28.44	28.46	28.48	28.49	28.51	28.53	28.52	28.12	27.96	27.80	27.63	27.47	27.20

PIPE DATA: approximately 710mm nominal diameter OPEN CUT (7800–8340); approximately 560mm nominal diameter OPEN CUT (8340–8400)

ROUTE INFO: ROAD

2 LONGITUDINAL SECTION

SCALE @ A1: HORIZONTAL : 1:1000, VERTICAL : 1:200

Rev.	Date	Description	By	Chk'd	Rev'd	App'd
C01	31.08.26	PLANNING	SB	ABM	MMcE	TM

Drawing Suitability: **PROJECT PLANNING** — Status: **A2**

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ATKINS HOUSE,150 AIRSIDE BUSINESS PARK, SWORDS, DUBLIN, K67 K5W4.

Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Uisce Éireann Irish Water

Project Title: BALLINA AND LOUGH TALT WATER SUPPLY UPGRADE

Drawing Title: PROPOSED TREATED WATER PIPELINE PIPELINE B PLAN & LONGITUDINAL SECTION SHEET 14 OF 54

Scale	Drawn	Checked	Reviewed	Authorised
1:200 @A1 1:1000 @A1	SB	ABM	MMcE	TM
Original Size A1	Date 31.08.26	Date 31.08.26	Date 31.08.26	Date 31.08.26

Drawing Number: 10025936-ATK-LT-ZZ-DR-CE-211214 — Revision: C01

Internal Project Number: 100089328

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Millimetres 0 10 100

N

MATCH

100259936-ATK-LT-ZZ-DR-CE-211214

LINE

ScV

AV

L-1120

R314

8360 8380 8400 8420 8440 8460 8480 8500 8520 8540 8560 8580 8600 8620 8640 8660 8680 8700 8720 8740 8760 8780 8800 8820 8840 8860 8880 8900 8920 8940 8960 8980 9000 9020 9040

MATCH

100259936-ATK-LT-ZZ-DR-CE-211216

LINE

1 PLAN

SCALE @ A1: 1:1000

OSI Sheet No's:
1316-B, 1317-A

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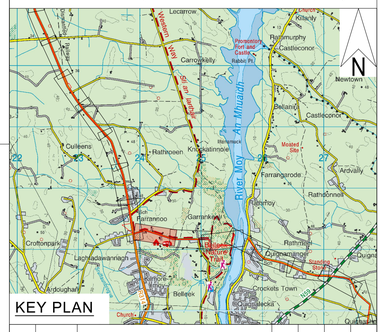
LEGEND:

PLAN

- RED LINE BOUNDARY
- PROPOSED PIPELINE A
- PROPOSED PIPELINE B
- INDICATIVE PROPOSED WAYLEAVE
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LONGITUDINAL SECTION

- EXISTING GROUND LEVEL
- MINIMUM COVER DEPTH (0.9 m IN THE FIELD AND 1.2m FOR ROAD) AND MAXIMUM INVERT DEPTH (6.0 m)



KEY PLAN

Rev.	Date	Description	By	Chk'd	Rev'd	App'd
C01	31.08.26	PLANNING	SB	ABM	MMcE	TM

Drawing Suitability: PROJECT PLANNING — Status: A2

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ATKINS HOUSE,150 AIRSIDE BUSINESS PARK,
SWORDS, DUBLIN, K67 K5W4.
Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Uisce Éireann Irish Water

Project Title: BALLINA AND LOUGH TALT WATER SUPPLY UPGRADE

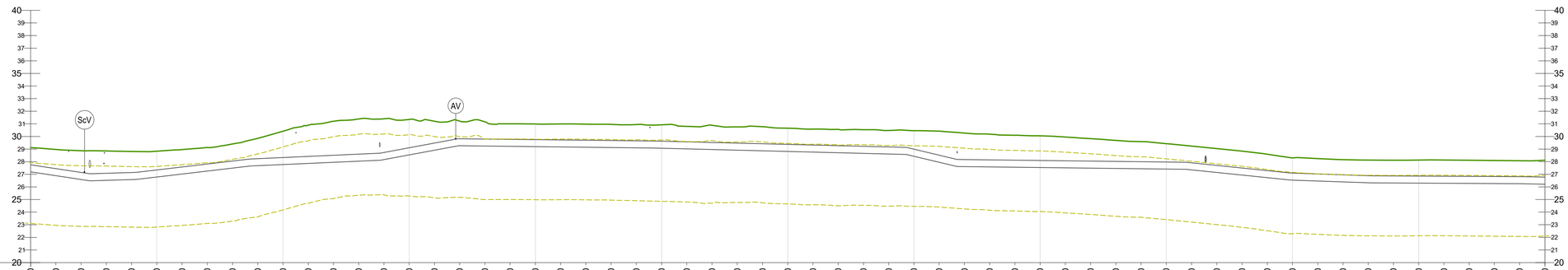
Drawing Title: PROPOSED TREATED WATER PIPELINE
PIPELINE B
PLAN & LONGITUDINAL SECTION SHEET
15 OF 54

Scale	Drawn	Checked	Reviewed	Authorised
1:200 @A1 1:1000 @A1	SB	ABM	MMcE	TM
Original Size: A1	Date: 31.08.26	Date: 31.08.26	Date: 31.08.26	Date: 31.08.26

Drawing Number: 10025936-ATK-LT-ZZ-DR-CE-211215 — Revision: C01

Internal Project Number: 100089328

DATUM 20mOD



CHAINAGE	8400	8410	8420	8430	8440	8450	8460	8470	8480	8490	8500	8510	8520	8530	8540	8550	8560	8570	8580	8590	8600	8610	8620	8630	8640	8650	8660	8670	8680	8690	8700	8710	8720	8730	8740	8750	8760	8770	8780	8790	8800	8810	8820	8830	8840	8850	8860	8870	8880	8890	8900	8910	8920	8930	8940	8950	8960	8970	8980	8990	9000
GROUND LEVEL	29.12	28.97	28.88	28.85	28.81	28.83	28.96	29.12	29.41	29.85	30.42	30.90	31.21	31.39	31.40	31.35	31.21	31.22	31.16	31.00	30.99	30.99	30.98	30.96	30.95	30.92	30.80	30.88	30.76	30.77	30.65	30.58	30.56	30.54	30.48	30.46	30.42	30.27	30.18	30.10	30.05	29.95	29.83	29.69	29.59	29.43	29.24	29.04	28.84	28.59	28.30	28.24	28.16	28.13	28.11	28.13	28.13	28.11	28.09	28.07	28.12
COVER DEPTH	1.36	1.52	1.73	1.77	1.67	1.49	1.38	1.31	1.35	1.61	2.08	2.48	2.69	2.79	2.67	2.24	1.74	1.41	1.37	1.23	1.24	1.27	1.27	1.28	1.29	1.30	1.23	1.36	1.29	1.35	1.28	1.26	1.29	1.32	1.31	1.47	1.90	2.11	2.04	1.98	1.96	1.88	1.78	1.66	1.59	1.45	1.32	1.33	1.34	1.30	1.21	1.21	1.20	1.24	1.25	1.27	1.28	1.28	1.27	1.26	1.34
PIPE INVERT	27.20	26.89	26.59	26.52	26.58	26.78	27.02	27.25	27.49	27.68	27.77	27.86	27.95	28.04	28.17	28.54	28.91	29.27	29.24	29.22	29.19	29.17	29.15	29.12	29.10	29.07	29.02	28.97	28.91	28.86	28.81	28.76	28.71	28.66	28.61	28.43	27.95	27.61	27.58	27.56	27.54	27.51	27.49	27.47	27.44	27.42	27.35	27.15	26.94	26.73	26.54	26.47	26.40	26.33	26.31	26.30	26.29	26.28	26.27	26.25	26.22
PIPE DATA	approximately 560mm nominal diameter OPEN CUT																																																																									
ROUTE INFO	ROAD																																																																								

2 LONGITUDINAL SECTION

SCALE @ A1: HORIZONTAL : 1:1000, VERTICAL : 1:200

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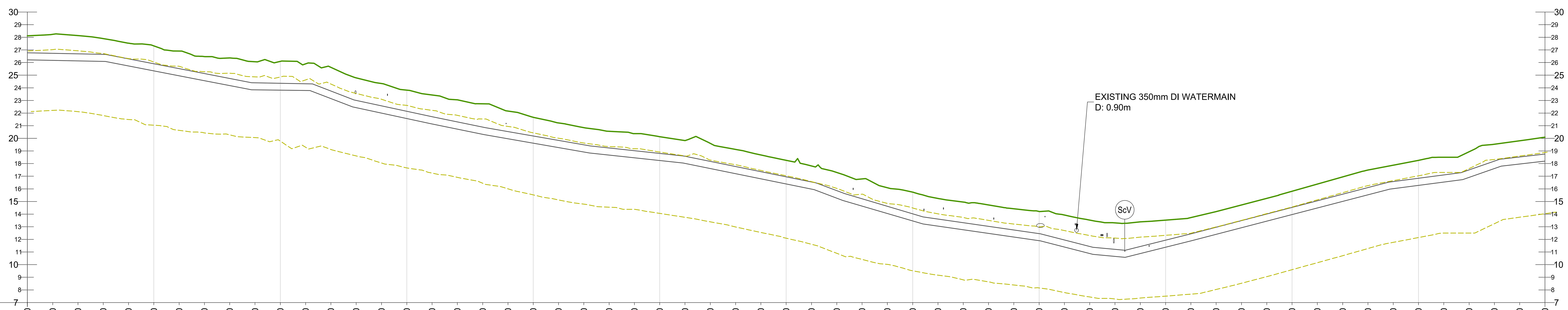
DO NOT SCALE



1 PLAN

SCALE @ A1: 1:1000

OSI Sheet No's:
1317-A



CHAINAGE	GROUND LEVEL	COVER DEPTH	PIPE INVERT
9000	28.12	1.34	26.22
9010	28.23	1.50	26.17
9020	28.14	1.44	26.13
9030	27.90	1.24	26.09
9040	27.53	1.24	25.73
9050	27.32	1.41	25.34
9060	26.91	1.39	24.95
9070	26.47	1.34	24.56
9080	26.36	1.63	24.18
9090	26.07	1.67	23.84
9100	26.09	1.73	23.81
9110	25.90	1.58	23.79
9120	25.62	1.88	23.15
9130	24.79	1.79	22.43
9140	24.34	1.77	22.00
9150	23.82	1.67	21.57
9160	23.43	1.72	21.14
9170	23.05	1.75	20.73
9180	22.73	1.84	20.32
9190	22.16	1.62	19.97
9200	21.67	1.48	19.62
9210	21.22	1.39	19.27
9220	20.84	1.35	18.92
9230	20.55	1.32	18.68
9240	20.38	1.35	18.46
9250	20.13	1.32	18.24
9260	19.82	1.24	18.01
9270	19.60	1.43	17.60
9280	19.13	1.36	17.20
9290	18.69	1.32	16.79
9300	18.26	1.31	16.39
9310	17.81	1.26	15.98
9320	17.30	1.44	15.26
9330	16.79	1.57	14.64
9340	16.09	1.47	14.05
9350	15.74	1.71	13.46
9360	15.24	1.63	13.05
9370	14.96	1.63	12.76
9380	14.72	1.69	12.47
9390	14.42	1.68	12.19
9400	14.21	1.75	11.90
9410	13.93	1.97	11.39
9420	13.53	2.09	10.88
9430	13.31	2.10	10.65
9440	13.38	1.95	10.88
9450	13.52	1.59	11.38
9460	13.72	1.29	11.88
9470	14.20	1.24	12.40
9480	14.73	1.24	12.92
9490	15.25	1.24	13.44
9500	15.81	1.28	13.96
9510	16.38	1.32	14.48
9520	16.95	1.37	15.00
9530	17.49	1.39	15.53
9540	17.87	1.29	16.01
9550	18.25	1.41	16.28
9560	18.50	1.40	16.54
9570	18.94	1.43	16.91
9580	19.54	1.33	17.61
9590	19.81	1.28	17.96
9600	20.10	1.34	18.20

PIPE DATA: approximately 560mm nominal diameter OPEN CUT

ROUTE INFO: ROAD — PRIVATE ROAD & WOOD LAND

2 LONGITUDINAL SECTION

SCALE @ A1: HORIZONTAL : 1:1000, VERTICAL : 1:200

GENERAL NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE
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4. ALL COORDINATES ARE IN METRES AND ARE TO IRISH TRANSVERSE MERCATOR
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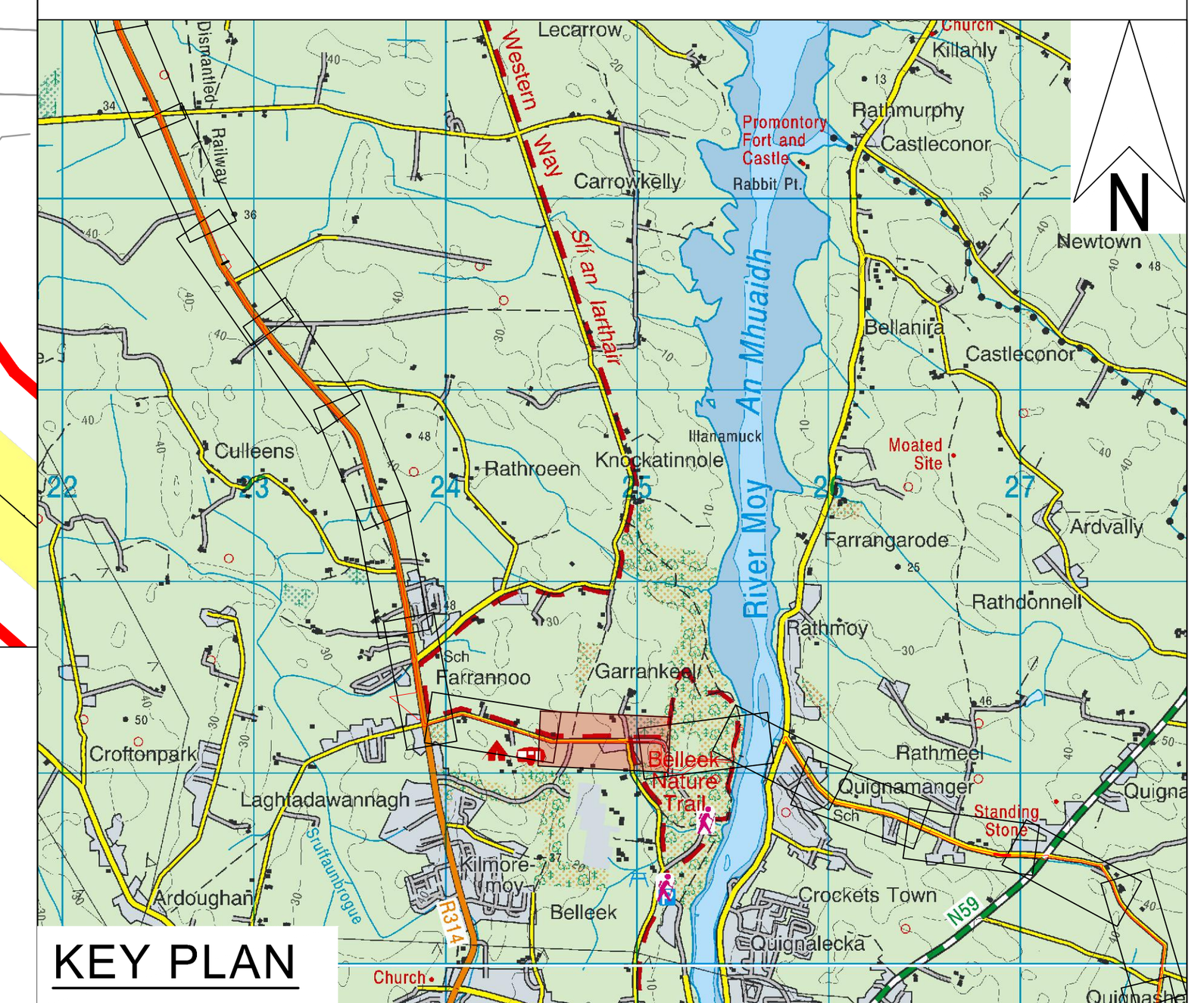
LEGEND:

PLAN

- RED LINE BOUNDARY
- PROPOSED PIPELINE A
- PROPOSED PIPELINE B
- INDICATIVE PROPOSED WAYLEAVE
- PROPOSED TRENCHLESS SECTION
- PROPOSED SITE COMPOUNDS
- EXISTING WATERMAIN
- EXISTING FOUL SEWER
- EXISTING ESB MV UNDERGROUND
- EXISTING ESB LV UNDERGROUND
- EXISTING ESB HV OVERHEAD
- EXISTING GAS
- EXISTING EIRCOM
- EXISTING AURORA TELECOM
- EXISTING ENET
- EXISTING BT
- AV PROPOSED AIR VALVE
- ScV PROPOSED SCOUR VALVE

LONGITUDINAL SECTION

- EXISTING GROUND LEVEL
- MINIMUM COVER DEPTH (0.9 m IN THE FIELD AND 1.2m FOR ROAD) AND MAXIMUM INVERT DEPTH (6.0 m)



KEY PLAN

Rev.	Date	Description	By	Chk'd	Rev'd	App'd
C01	31.08.26	PLANNING	SB	ABM	MMcE	TM

Drawing Suitability: **PROJECT PLANNING**

Status: **A2**

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ATKINS HOUSE,150 AIRSIDE BUSINESS PARK,
SWORDS, DUBLIN, K67 K5W4.
Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Uisce Éireann Irish Water

Project Title

BALLINA AND LOUGH TALT
WATER SUPPLY UPGRADE

Drawing Title

PROPOSED TREATED WATER PIPELINE
PIPELINE B
PLAN & LONGITUDINAL SECTION SHEET
16 OF 54

Scale	Drawn	Checked	Reviewed	Authorised
AS INDICATED	SB	ABM	MMcE	TM
Original Size: A1	Date: 31.08.26	Date: 31.08.26	Date: 31.08.26	Date: 31.08.26

Drawing Number: 10025936-ATK-LT-ZZ-DR-CE-211216

Revision: C01

Internal Project Number: 100089328

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1 PLAN
SCALE @ A1: 1:1000

OSI Sheet No's:
1317-A

GENERAL NOTES

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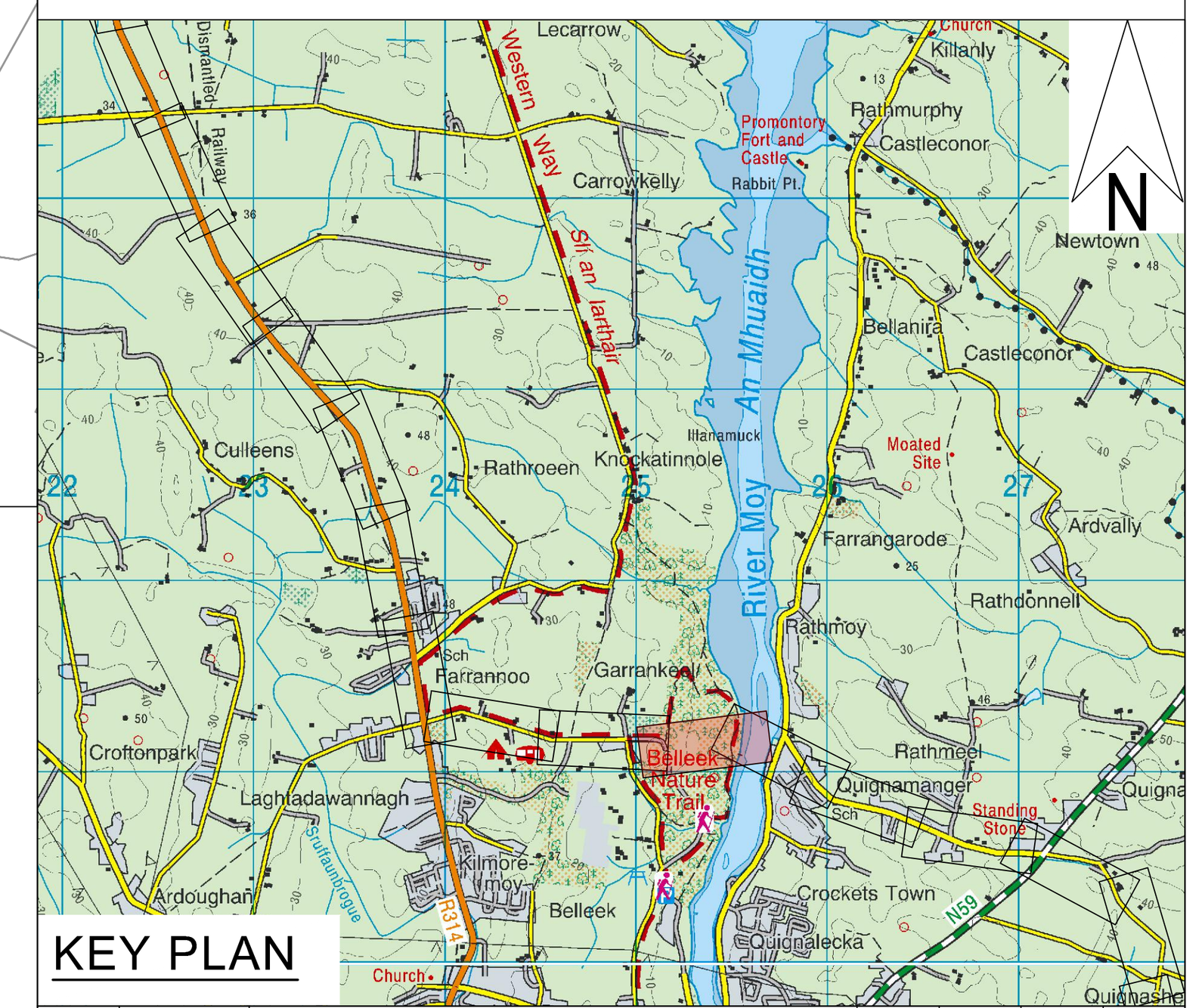
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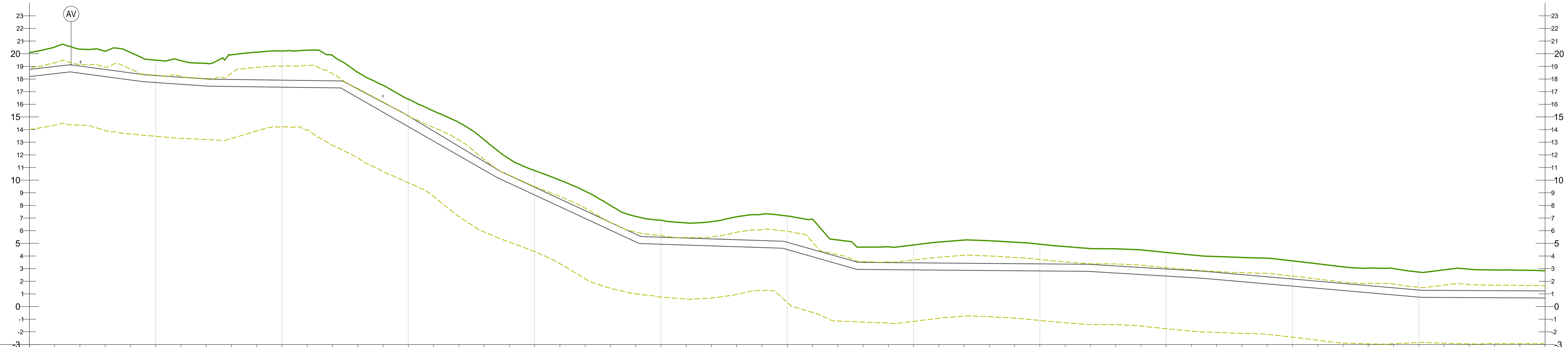
PLAN

- RED LINE BOUNDARY
- PROPOSED PIPELINE A
- PROPOSED PIPELINE B
- INDICATIVE PROPOSED WAYLEAVE
- PROPOSED TRENCHLESS SECTION
- PROPOSED SITE COMPOUNDS
- WM — WM: EXISTING WATERMAIN
- FW — FW: EXISTING FOUL SEWER
- ESB MV UG: EXISTING ESB MV UNDERGROUND
- ESB LV UG: EXISTING ESB LV UNDERGROUND
- ESB 110kv OH: EXISTING ESB HV OVERHEAD
- GAS DMP: EXISTING GAS
- EIR: EXISTING EIRCOM
- TU — TU: EXISTING AURORA TELECOM
- ENET: EXISTING ENET
- BT — BT: EXISTING BT
- AV: PROPOSED AIR VALVE
- ScV: PROPOSED SCOUR VALVE

LONGITUDINAL SECTION

- EXISTING GROUND LEVEL
- MINIMUM COVER DEPTH (0.9 m IN THE FIELD AND 1.2m FOR ROAD) AND MAXIMUM INVERT DEPTH (6.0 m)





CHAINAGE	GROUND LEVEL	COVER DEPTH	PIPE INVERT
9600	20.10	1.34	18.20
9610	20.53	1.54	18.43
9620	20.36	1.33	18.46
9630	20.19	1.44	18.19
9640	20.10	1.62	17.92
9650	19.50	1.22	17.72
9660	19.46	1.31	17.58
9670	19.24	1.23	17.45
9680	19.91	1.95	17.41
9690	20.12	2.18	17.38
9700	20.21	2.30	17.36
9710	20.28	2.39	17.33
9720	19.86	2.00	17.30
9730	18.53	1.32	16.52
9740	17.50	1.35	15.37
9750	16.40	1.33	14.23
9760	15.47	1.59	13.09
9770	14.58	1.90	11.94
9780	13.21	1.73	10.80
9790	11.68	1.31	9.76
9800	10.76	1.32	8.83
9810	10.00	1.49	7.90
9820	9.13	1.55	6.97
9830	7.99	1.34	6.04
9840	7.13	1.40	5.11
9850	6.83	1.35	4.93
9860	6.62	1.20	4.86
9870	6.72	1.36	4.80
9880	7.10	1.81	4.73
9890	7.30	2.08	4.67
9900	7.16	2.07	4.51
9910	6.91	2.39	3.94
9920	5.27	1.32	3.37
9930	4.70	1.21	2.94
9940	4.73	1.25	2.92
9950	4.87	1.41	2.90
9960	5.10	1.66	2.89
9970	5.26	1.83	2.87
9980	5.20	1.79	2.85
9990	5.09	1.70	2.84
10000	4.93	1.55	2.82
10010	4.74	1.38	2.80
10020	4.58	1.25	2.77
10030	4.57	1.36	2.65
10040	4.49	1.39	2.53
10050	4.28	1.31	2.41
10060	4.09	1.24	2.29
10070	3.96	1.25	2.14
10080	3.88	1.36	1.97
10090	3.83	1.47	1.79
10100	3.62	1.44	1.62
10110	3.38	1.38	1.44
10120	3.14	1.31	1.27
10130	3.04	1.39	1.10
10140	3.00	1.52	0.92
10150	2.73	1.42	0.75
10160	2.90	1.62	0.72
10170	2.95	1.69	0.71
10180	2.90	1.64	0.70
10190	2.88	1.63	0.69
10200	2.84	1.60	0.68

PIPE DATA: approximately 560mm nominal diameter OPEN CUT

ROUTE INFO: CASTLE GROUNDS, ACCESS ROADS AND WOODLAND

2 LONGITUDINAL SECTION
SCALE @ A1: HORIZONTAL : 1:1000, VERTICAL : 1:200

Rev.	Date	Description	By	Chk'd	Rev'd	App'd
C01	31.08.26	PLANNING	SB	ABM	MMcE	TM

Drawing Suitability: **PROJECT PLANNING**
Status: **A2**

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Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Uisce Éireann Irish Water

Project Title: BALLINA AND LOUGH TALT WATER SUPPLY UPGRADE

Drawing Title: PROPOSED TREATED WATER PIPELINE PIPELINE B PLAN & LONGITUDINAL SECTION SHEET 17 OF 54

Scale	Drawn	Checked	Reviewed	Authorised
AS INDICATED	SB	ABM	MMcE	TM
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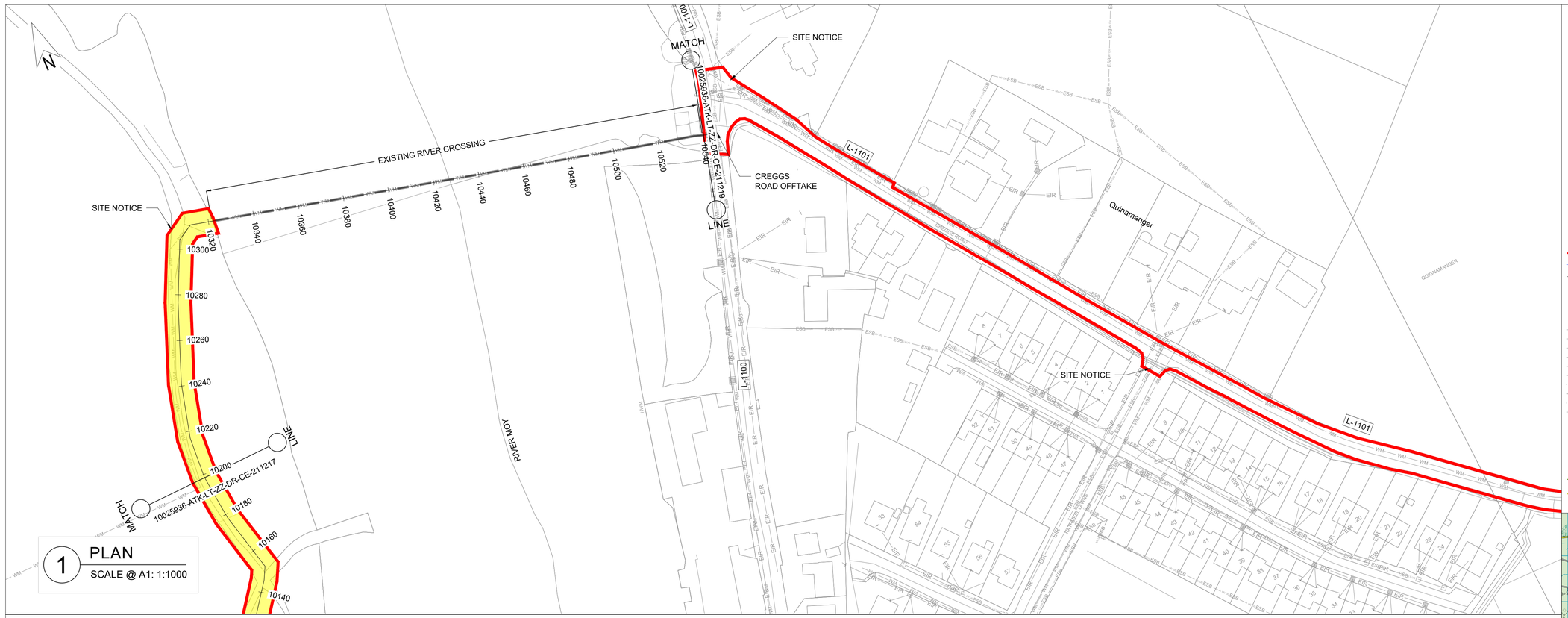
Drawing Number: 10025936-ATK-LT-ZZ-DR-CE-211217
Revision: C01

Internal Project Number: 100089328

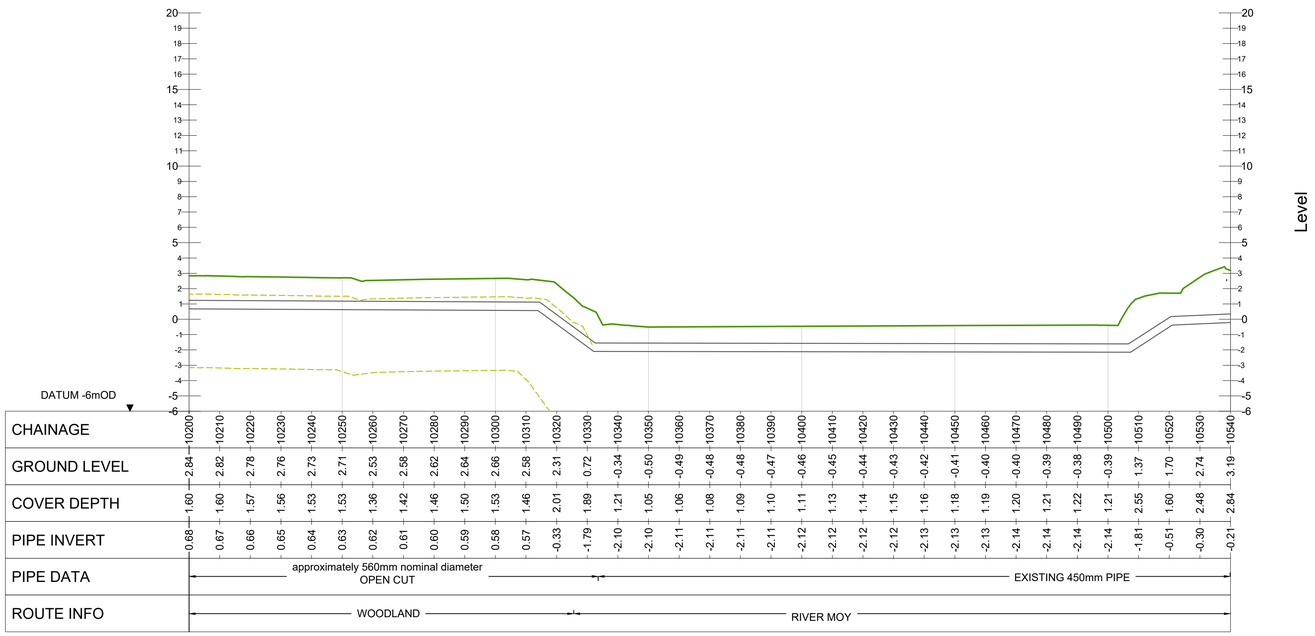
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1 PLAN
SCALE @ A1: 1:1000



CHAINAGE	10200	10210	10220	10230	10240	10250	10260	10270	10280	10290	10300	10310	10320	10330	10340	10350	10360	10370	10380	10390	10400	10410	10420	10430	10440	10450	10460	10470	10480	10490	10500	10510	10520	10530	10540
GROUND LEVEL	2.84	2.82	2.78	2.76	2.73	2.71	2.53	2.58	2.62	2.64	2.66	2.58	2.31	0.72	-0.34	-0.50	-0.49	-0.48	-0.48	-0.47	-0.46	-0.45	-0.44	-0.43	-0.42	-0.41	-0.40	-0.40	-0.39	-0.38	-0.39	1.37	1.70	2.74	3.19
COVER DEPTH	1.60	1.60	1.57	1.56	1.53	1.53	1.36	1.42	1.46	1.50	1.53	1.46	2.01	1.89	1.21	1.05	1.06	1.08	1.09	1.10	1.11	1.13	1.14	1.15	1.16	1.18	1.19	1.20	1.21	1.22	1.21	2.55	1.60	2.48	2.84
PIPE INVERT	0.68	0.67	0.66	0.65	0.64	0.63	0.62	0.61	0.60	0.59	0.58	0.57	-0.33	-1.79	-2.10	-2.10	-2.11	-2.11	-2.11	-2.11	-2.12	-2.12	-2.12	-2.12	-2.13	-2.13	-2.13	-2.14	-2.14	-2.14	-2.14	-1.81	-0.51	-0.30	-0.21

2 LONGITUDINAL SECTION
SCALE @ A1: HORIZONTAL : 1:1000, VERTICAL : 1:200

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LEGEND:

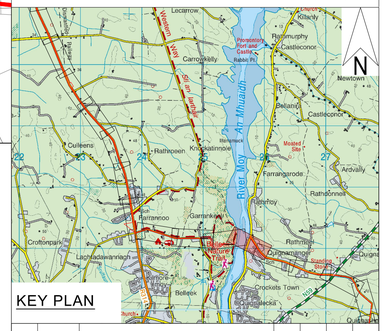
PLAN

- RED LINE BOUNDARY
- PROPOSED PIPELINE A
- PROPOSED PIPELINE B
- INDICATIVE PROPOSED WAYLEAVE
- PROPOSED TRENCHLESS SECTION
- PROPOSED SITE COMPOUNDS
- EXISTING WATERMAIN
- EXISTING FOUL SEWER
- EXISTING ESB MV UNDERGROUND
- EXISTING ESB LV UNDERGROUND
- EXISTING ESB HV OVERHEAD
- EXISTING GAS
- EXISTING EIRCOM
- EXISTING AURORA TELECOM
- EXISTING ENET
- EXISTING BT
- AV PROPOSED AIR VALVE
- ScV PROPOSED SCOUR VALVE

LONGITUDINAL SECTION

- EXISTING GROUND LEVEL
- MINIMUM COVER DEPTH (0.9 m IN THE FIELD AND 1.2m FOR ROAD) AND MAXIMUM INVERT DEPTH (6.0 m)

OSI Sheet No's:
1317-A, 1316-B



Rev.	Date	Description	By	Chk'd	Rev'd	App'd
C01	31.08.26	PLANNING	SB	ABM	MMcE	TM

Drawing Suitability: PROJECT PLANNING
Status: A2

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Client: Uisce Éireann Irish Water

Project Title: BALLINA AND LOUGH TALT WATER SUPPLY UPGRADE

Drawing Title: PROPOSED TREATED WATER PIPELINE
PIPELINE B
PLAN & LONGITUDINAL SECTION SHEET
18 OF 54

Scale	Drawn	Checked	Reviewed	Authorised
AS INDICATED	SB	ABM	MMcE	TM
Original Size: A1	Date: 31.08.26	Date: 31.08.26	Date: 31.08.26	Date: 31.08.26

Drawing Number: 10025936-ATK-LT-ZZ-DR-CE-211218
Revision: C01

Internal Project Number: 100089328

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