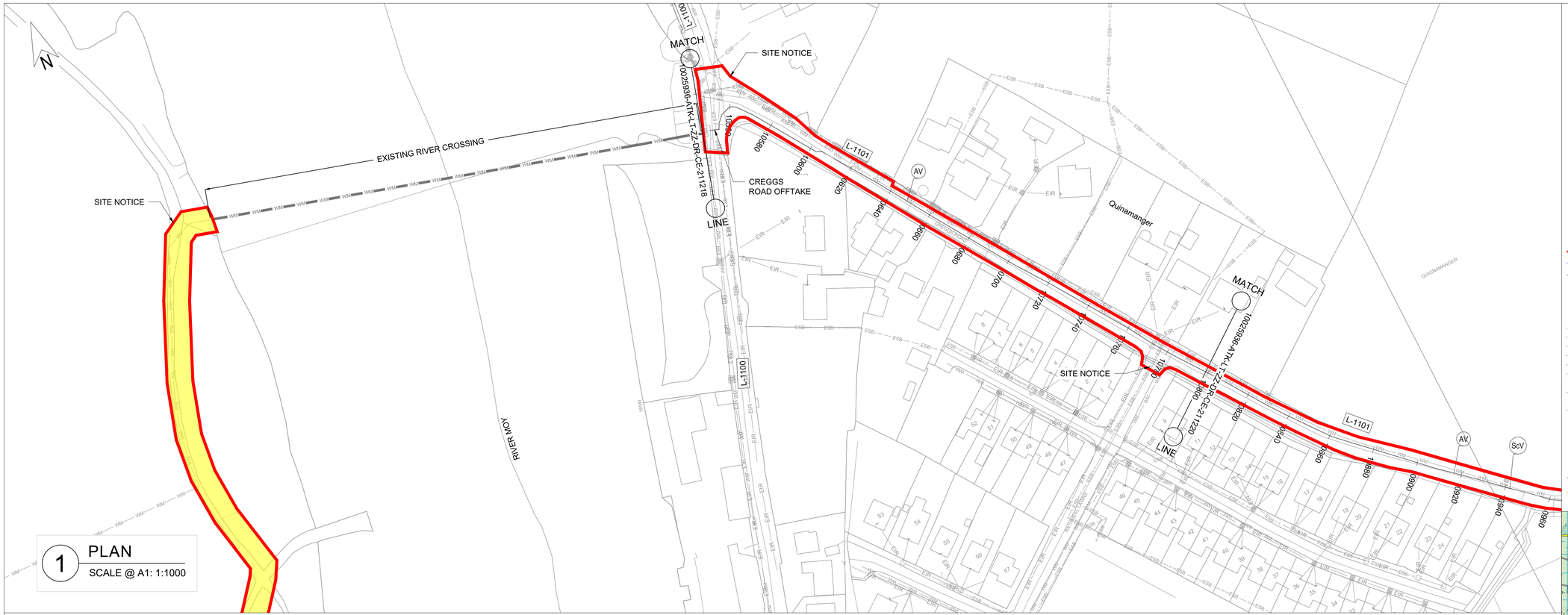
DO NOT SCALE

Millimetres 0 10 100



1 PLAN
SCALE @ A1: 1:1000

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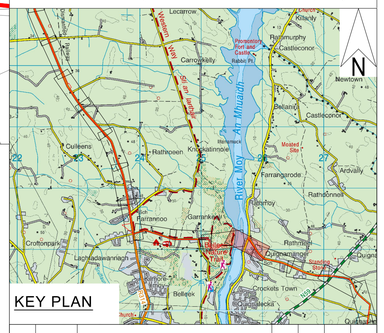
LEGEND:

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
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- ESB — EXISTING ESB LV UNDERGROUND
- ESB — EXISTING ESB HV OVERHEAD
- GAS — EXISTING GAS
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- TU — EXISTING AURORA TELECOM
- ENET — EXISTING ENET
- BT — EXISTING BT
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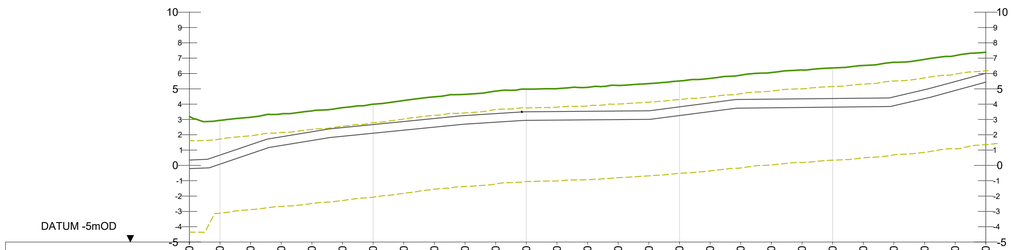
LONGITUDINAL SECTION

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



KEY PLAN

OSI Sheet No's:
1317-A & 1317-B



CHAINAGE	10540	10550	10560	10570	10580	10590	10600	10610	10620	10630	10640	10650	10660	10670	10680	10690	10700	10710	10720	10730	10740	10750	10760	10770	10780	10790	10800
GROUND LEVEL	3.19	2.94	3.14	3.37	3.56	3.77	3.99	4.24	4.48	4.64	4.85	4.98	5.01	5.09	5.22	5.34	5.51	5.68	5.89	6.06	6.23	6.36	6.52	6.73	6.92	7.17	7.39
COVER DEPTH	2.84	2.26	1.79	1.50	1.37	1.30	1.33	1.38	1.41	1.38	1.47	1.48	1.50	1.56	1.67	1.78	1.69	1.60	1.59	1.74	1.88	2.00	2.13	2.26	1.98	1.69	1.38
PIPE INVERT	-0.21	0.08	0.76	1.30	1.63	1.90	2.10	2.30	2.50	2.70	2.82	2.94	2.96	2.97	2.99	3.00	3.26	3.52	3.74	3.76	3.78	3.81	3.83	3.90	4.36	4.89	5.44
PIPE DATA	approximately 560mm nominal diameter OPEN CUT																										
ROUTE INFO	RIVER MOY																										

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 C PLAN & LONGITUDINAL SECTION SHEET 19 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-211219
Revision: C01

Internal Project Number: 100089328

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1 PLAN

SCALE @ A1: 1:1000

OSI Sheet No's:

1317-B & 1317-A

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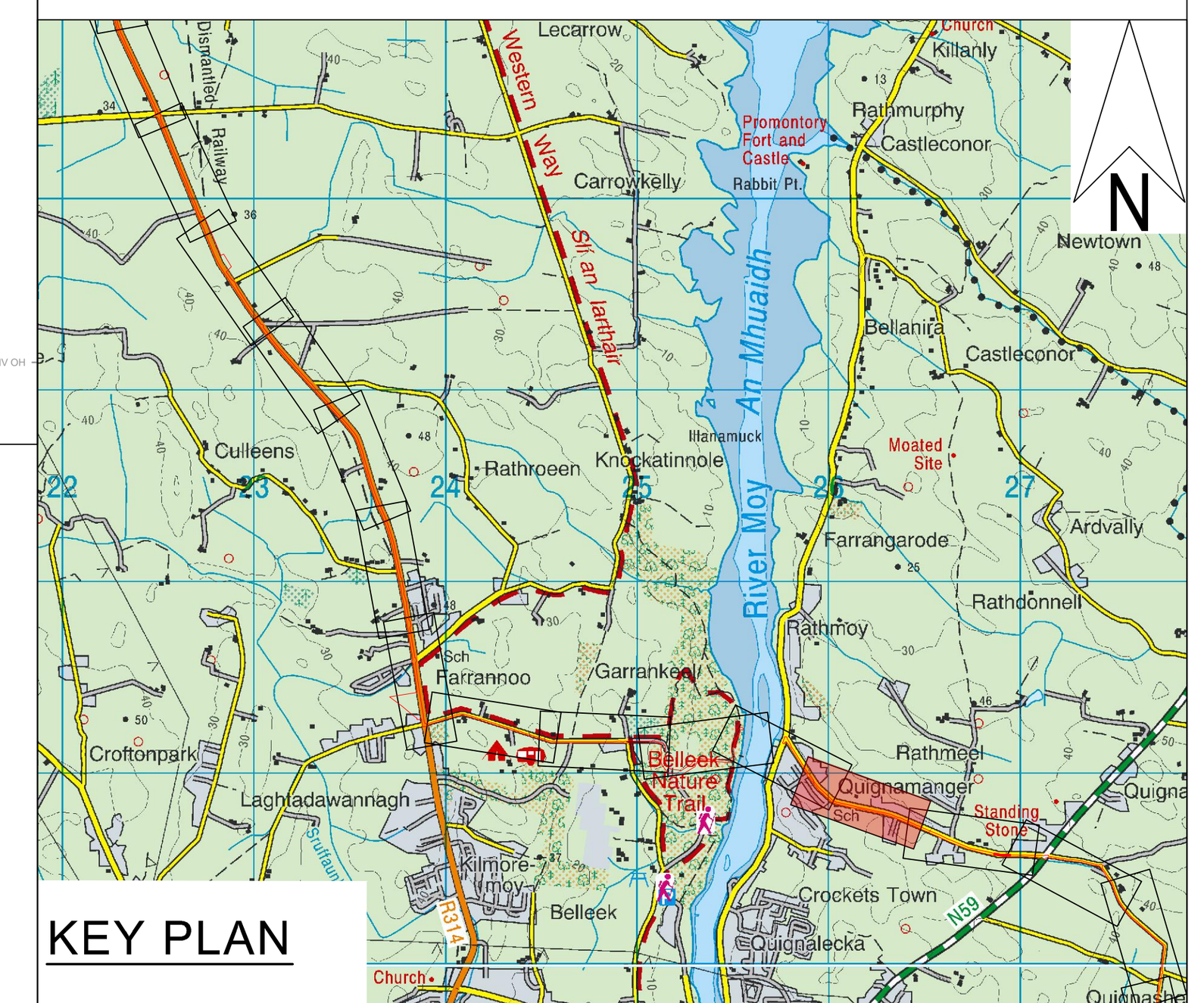
LEGEND:

PLAN

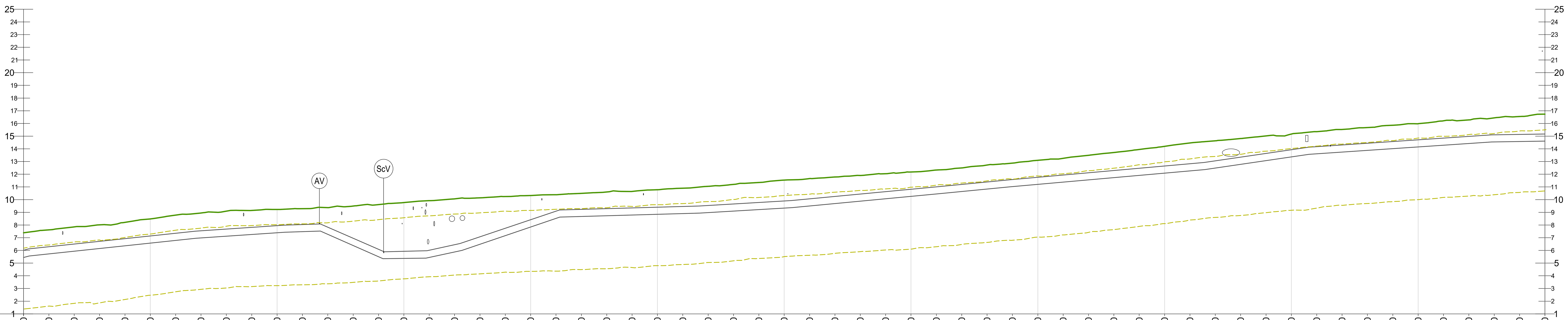
- RED LINE BOUNDARY
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LONGITUDINAL SECTION

- 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	10800	10810	10820	10830	10840	10850	10860	10870	10880	10890	10900	10910	10920	10930	10940	10950
GROUND LEVEL	7.39	7.62	7.85	8.02	8.21	8.48	8.78	8.95	9.09	9.15	9.22	9.29	9.37	9.49	9.61	9.77
COVER DEPTH	1.38	1.33	1.35	1.31	1.29	1.35	1.43	1.41	1.41	1.34	1.27	1.25	1.54	2.54	3.52	3.84
PIPE INVERT	5.44	5.72	5.94	6.15	6.36	6.57	6.78	6.98	7.12	7.25	7.39	7.48	7.27	6.38	5.50	5.37

CHAINAGE	10960	10970	10980	10990	11000	11010	11020	11030	11040	11050	11060	11070	11080	11090	11100	11110
GROUND LEVEL	9.92	10.06	10.14	10.25	10.33	10.39	10.50	10.60	10.65	10.78	10.90	11.05	11.20	11.35	11.54	11.66
COVER DEPTH	3.91	3.62	3.07	2.50	1.91	1.30	1.26	1.31	1.30	1.38	1.44	1.51	1.54	1.58	1.65	1.60
PIPE INVERT	5.44	5.87	6.48	7.16	7.84	8.52	8.67	8.73	8.79	8.85	8.90	8.98	9.10	9.21	9.33	9.50

CHAINAGE	11120	11130	11140	11150	11160	11170	11180	11190	11200	11210	11220	11230	11240	11250	11260	11270
GROUND LEVEL	11.79	11.90	12.04	12.18	12.33	12.50	12.73	12.87	13.09	13.25	13.49	13.71	13.95	14.20	14.46	14.64
COVER DEPTH	1.54	1.47	1.42	1.36	1.33	1.30	1.33	1.29	1.33	1.31	1.38	1.42	1.48	1.55	1.64	1.58
PIPE INVERT	9.69	9.88	10.07	10.26	10.45	10.64	10.83	11.02	11.20	11.38	11.55	11.73	11.91	12.09	12.26	12.49

CHAINAGE	11280	11290	11300	11310	11320	11330	11340	11350	11360	11370	11380	11390	11400
GROUND LEVEL	14.81	15.02	15.16	15.36	15.53	15.67	15.86	15.98	16.21	16.28	16.44	16.55	16.73
COVER DEPTH	1.47	1.38	1.24	1.19	1.22	1.23	1.28	1.27	1.36	1.29	1.34	1.41	1.56
PIPE INVERT	12.78	13.07	13.36	13.61	13.74	13.88	14.01	14.15	14.29	14.42	14.55	14.58	14.61

PIPE DATA	approximately 560mm nominal diameter OPEN CUT
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 C PLAN & LONGITUDINAL SECTION SHEET 20 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-211220 | Revision: C01

Internal Project Number: 100089328

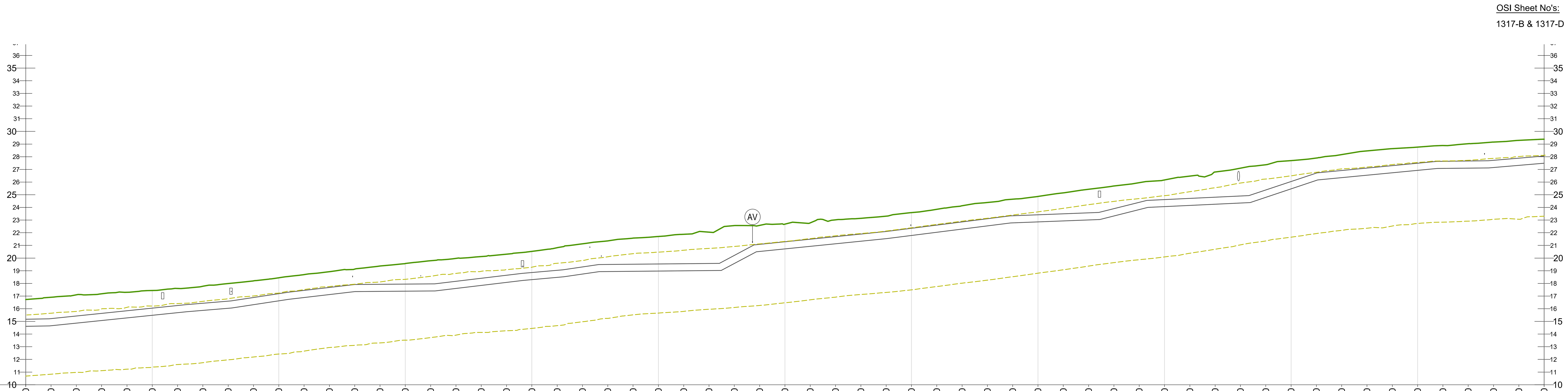
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1 PLAN
SCALE @ A1: 1:1000



CHAINAGE	11400	11410	11420	11430	11440	11450	11460	11470	11480	11490	11500
GROUND LEVEL	16.73	16.91	17.10	17.18	17.30	17.44	17.60	17.77	17.99	18.20	18.45
COVER DEPTH	1.56	1.69	1.67	1.55	1.46	1.40	1.35	1.34	1.39	1.31	1.26
PIPE INVERT	14.61	14.65	14.86	15.07	15.28	15.48	15.69	15.87	16.03	16.32	16.62

CHAINAGE	11510	11520	11530	11540	11550	11560	11570	11580	11590	11600
GROUND LEVEL	18.69	18.93	19.13	19.37	19.57	19.79	19.98	20.12	20.31	20.53
COVER DEPTH	1.24	1.24	1.22	1.44	1.62	1.83	1.81	1.71	1.67	1.67
PIPE INVERT	16.89	17.12	17.35	17.37	17.39	17.40	17.60	17.84	18.08	18.30

CHAINAGE	11610	11620	11630	11640	11650	11660	11670	11680	11690	11700
GROUND LEVEL	20.82	21.12	21.36	21.57	21.71	21.88	22.05	22.57	22.58	22.68
COVER DEPTH	1.78	1.82	1.86	2.06	2.17	2.32	2.48	2.36	1.50	1.39
PIPE INVERT	18.47	18.74	18.94	18.96	18.97	18.99	19.01	19.57	20.53	20.73

CHAINAGE	11710	11720	11730	11740	11750	11760	11770	11780	11790	11800
GROUND LEVEL	22.78	23.02	23.14	23.31	23.59	23.85	24.13	24.39	24.64	24.87
COVER DEPTH	1.29	1.33	1.25	1.21	1.24	1.25	1.28	1.28	1.30	1.45
PIPE INVERT	20.93	21.13	21.33	21.53	21.78	22.04	22.29	22.54	22.78	22.86

CHAINAGE	11810	11820	11830	11840	11850	11860	11870	11880	11890	11900
GROUND LEVEL	25.15	25.43	25.69	25.95	26.17	26.47	26.79	27.10	27.37	27.70
COVER DEPTH	1.65	1.86	1.80	1.55	1.55	1.76	1.99	2.19	1.99	1.65
PIPE INVERT	22.93	23.01	23.32	23.83	24.06	24.16	24.25	24.35	24.79	25.46

CHAINAGE	11910	11920	11930	11940	11950	11960	11970	11980	11990	12000
GROUND LEVEL	27.90	28.17	28.46	28.64	28.76	28.89	29.03	29.16	29.29	29.38
COVER DEPTH	1.19	1.25	1.36	1.34	1.27	1.25	1.37	1.45	1.41	1.33
PIPE INVERT	26.13	26.35	26.54	26.73	26.93	27.08	27.10	27.15	27.32	27.49

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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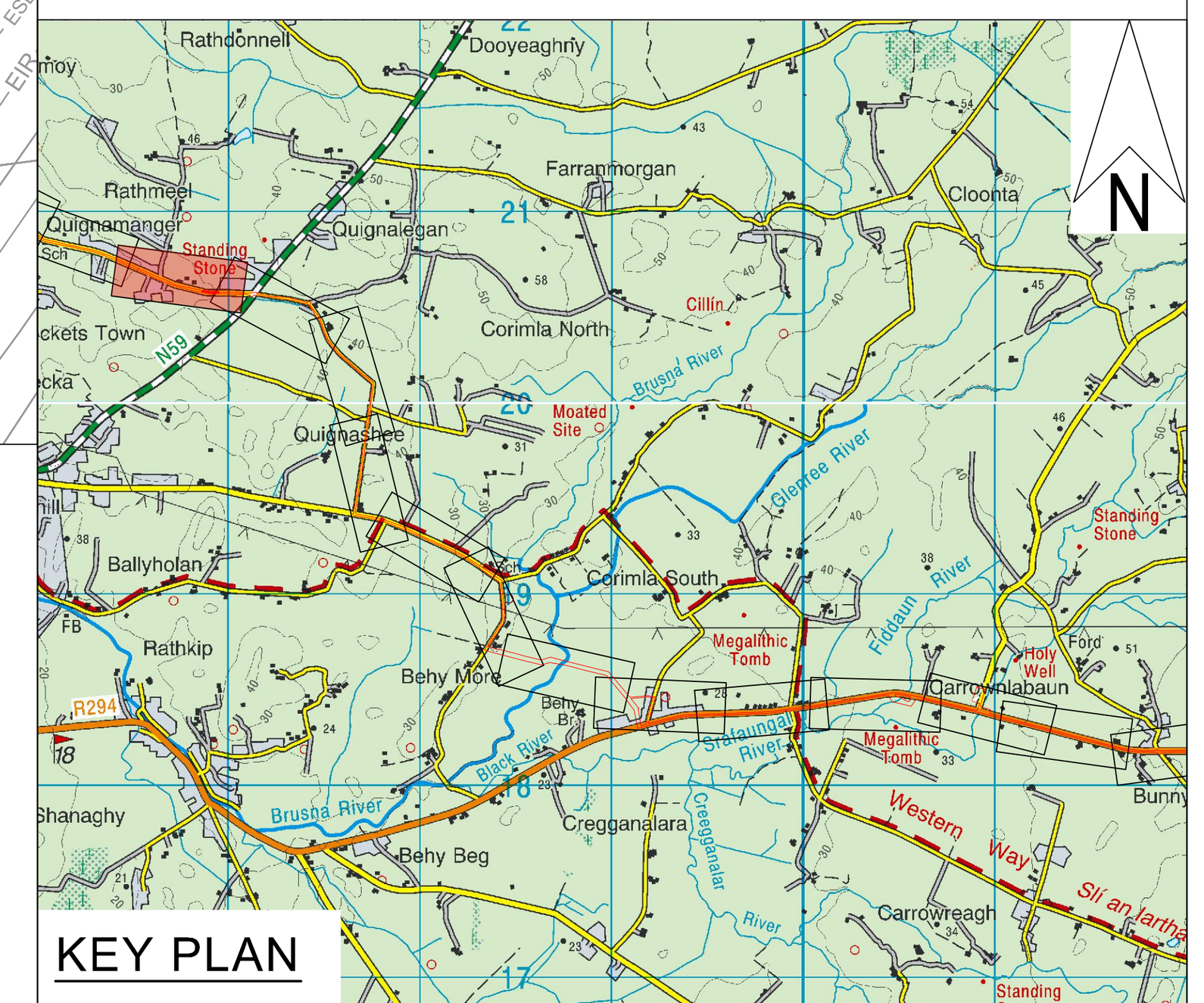
LEGEND:

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

Rev.	Date	Description	By	Chk'd	Rev'd	App'd
CO1	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.
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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 C
PLAN & LONGITUDINAL SECTION SHEET
21 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-211221
Revision: C01

Internal Project Number: 100089328

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1 PLAN

SCALE @ A1: 1:1000

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LONGITUDINAL SECTION

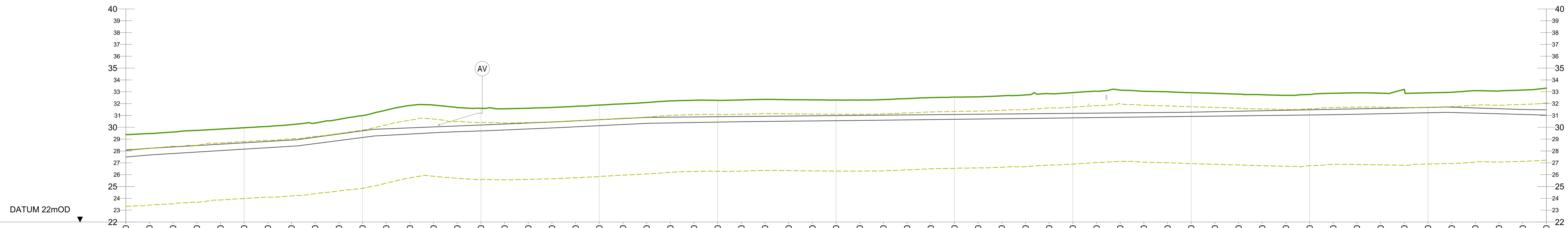
- EXISTING GROUND LEVEL
- MINIMUM COVER DEPTH (0.9 m IN THE FIELD AND 1.2m FOR ROAD) AND MAXIMUM INVERT DEPTH (6.0 m)



KEY PLAN

OSI Sheet No's:

1317-B & 1317-D



CHAINAGE	GROUND LEVEL	COVER DEPTH	PIPE INVERT
12000	29.38	1.33	27.49
12010	29.47	1.25	27.66
12020	29.60	1.26	27.79
12030	29.74	1.28	27.91
12040	29.85	1.28	28.03
12050	29.97	1.28	28.16
12060	30.07	1.27	28.28
12070	30.23	1.31	28.40
12080	30.36	1.20	28.62
12090	30.67	1.25	28.88
12100	30.99	1.29	29.14
12110	31.45	1.58	29.32
12120	31.84	1.89	29.43
12130	31.88	1.85	29.54
12140	31.66	1.55	29.62
12150	31.61	1.41	29 70
12160	31.56	1.29	29.78
12170	31.61	1.25	29.86
12180	31.67	1.23	29.94
12190	31.77	1.23	30.04
12200	31.88	1.24	30 14
12210	31.98	1.25	30.24
12220	32.09	1.26	30.33
12230	32.23	1.37	30.37
12240	32.28	1.41	30.40
12250	32.28	1.39	30 44
12260	32.31	1.40	30.47
12270	32.36	1.43	30.49
12280	32.33	1.38	30.51
12290	32.32	1.35	30.53
12300	32.30	1.32	30 55
12310	32.30	1.29	30.58
12320	32.34	1.32	30.60
12330	32.42	1.38	30.62
12340	32.51	1.44	30.65
12350	32.55	1.47	30 67
12360	32.57	1.47	30.70
12370	32.66	1.54	30.72
12380	32.73	1.59	30.75
12390	32.84	1.68	30.77
12400	32.93	1.75	30 79
12410	33.05	1.85	30.82
12420	33.14	1.93	30.84
12430	33.05	1.81	30.87
12440	33.00	1.74	30.89
12450	32.92	1.64	30 92
12460	32.87	1.55	30.94
12470	32.80	1.44	30.97
12480	32.75	1.35	30.99
12490	32.70	1.26	31.02
12500	32.77	1.29	31 04
12510	32.88	1.36	31.07
12520	32.91	1.35	31.10
12530	32.88	1.28	31.15
12540	33.21	1.57	31.19
12550	32.91	1.23	31 23
12560	32.96	1.26	31.25
12570	33.10	1.46	31.20
12580	33.07	1.50	31.14
12590	33.15	1.64	31.09
12600	33.31	1.83	31 02

PIPE DATA	12000–12140: approximately 560mm nominal diameter OPEN CUT; 12140–12600: approximately 500mm nominal diameter OPEN CUT
ROUTE INFO	ROAD

2 LONGITUDINAL SECTION

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

Rev.	Date	Description	By	Chk'd	Rev'd	App'd
C02	04.11.26	DRAWING TITLE UPDATED	SB	ABM	MMcE	TM
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 C
PLAN & LONGITUDINAL SECTION SHEET
22 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

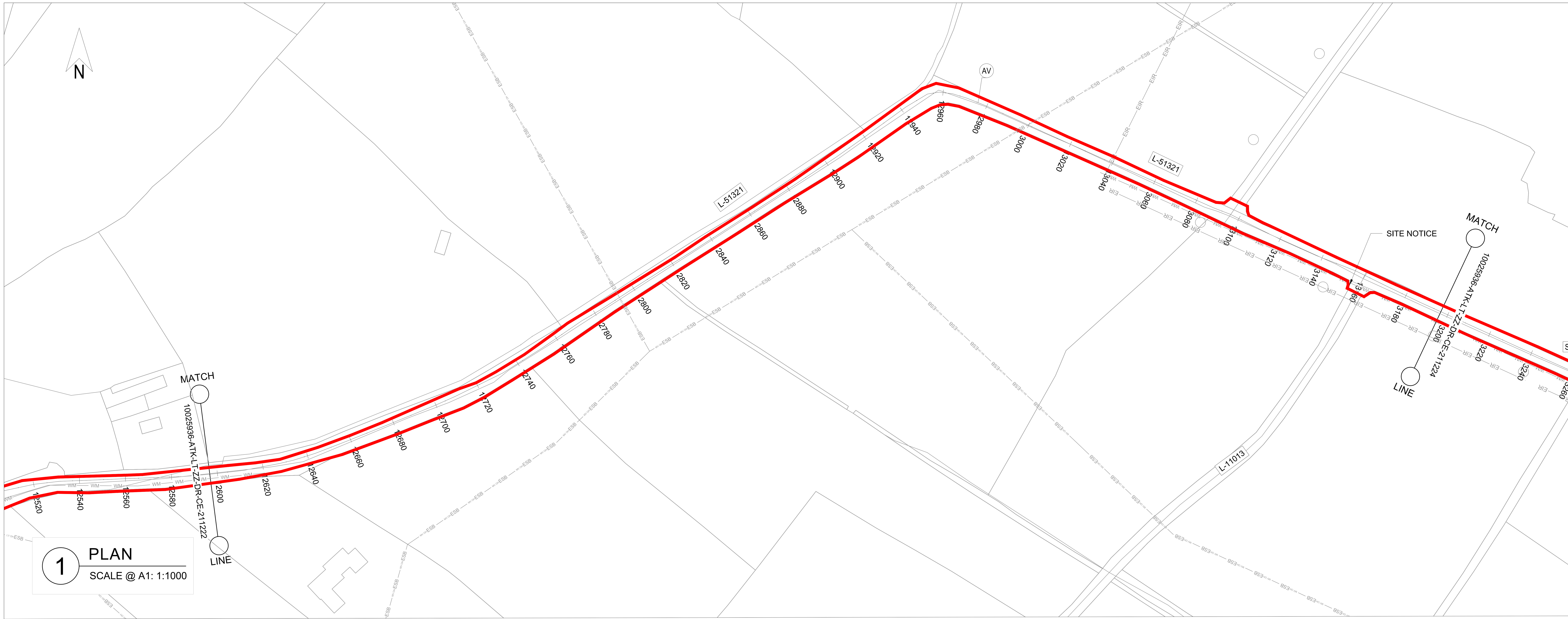
Drawing Number: 10025936-ATK-LT-ZZ-DR-CE-211222 Revision: C02

Internal Project Number: 100089328

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1 PLAN

SCALE @ A1: 1:1000

GENERAL NOTES

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6. THE LOCATION OF EXISTING SERVICES ARE BASED ON GPR SURVEY, TOPOGRAPHICAL SURVEY AND AS BUILT RECORDS FROM THE UTILITY SERVICE PROVIDERS. THESE SHOULD BE VERIFIED AT SITE AND INCLUDED IN THE FINAL DETAILED DESIGN PRIOR TO CONSTRUCTION.

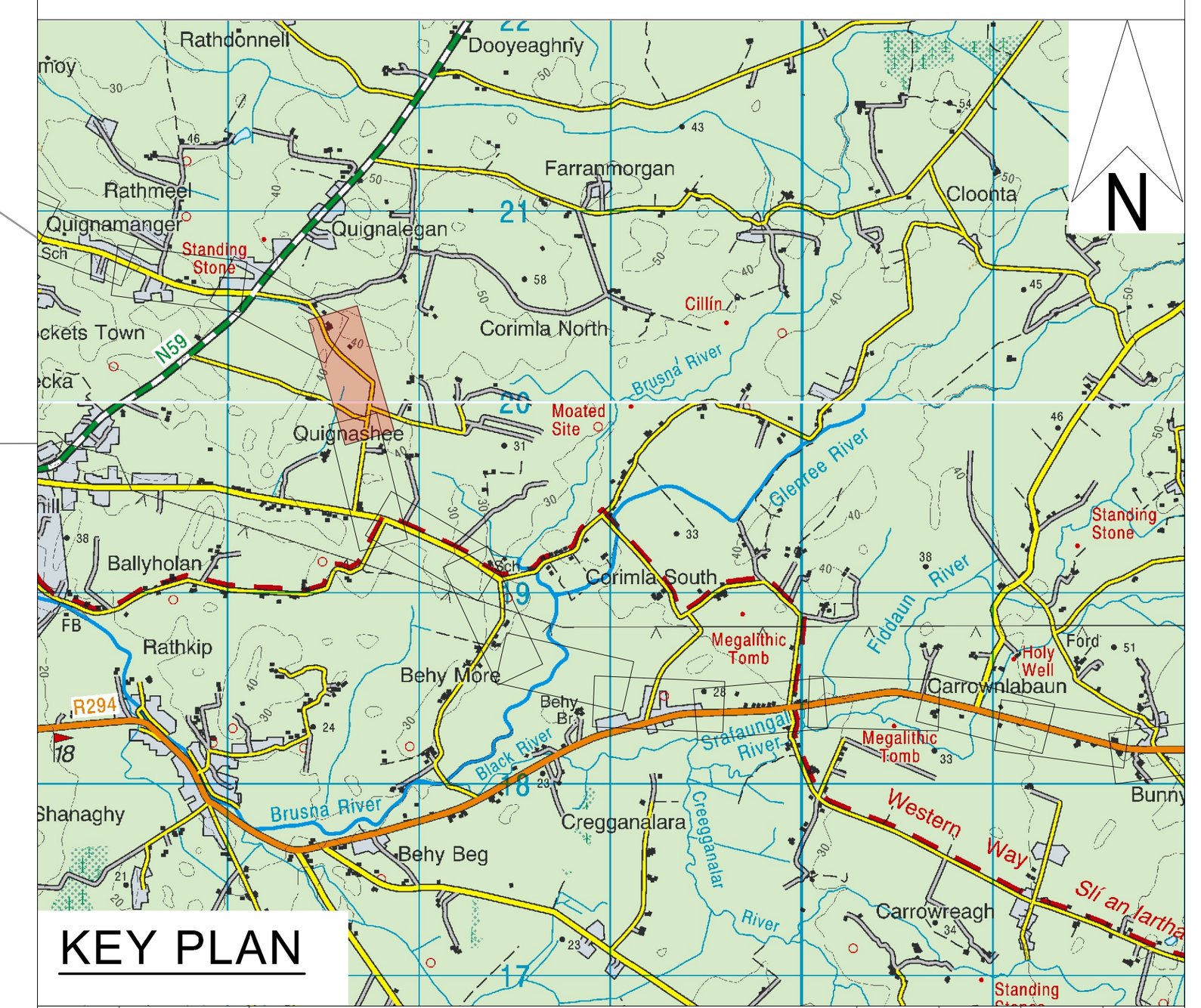
LEGEND:

PLAN

- RED LINE BOUNDARY
- PROPOSED PIPELINE A
- PROPOSED PIPELINE C
- 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

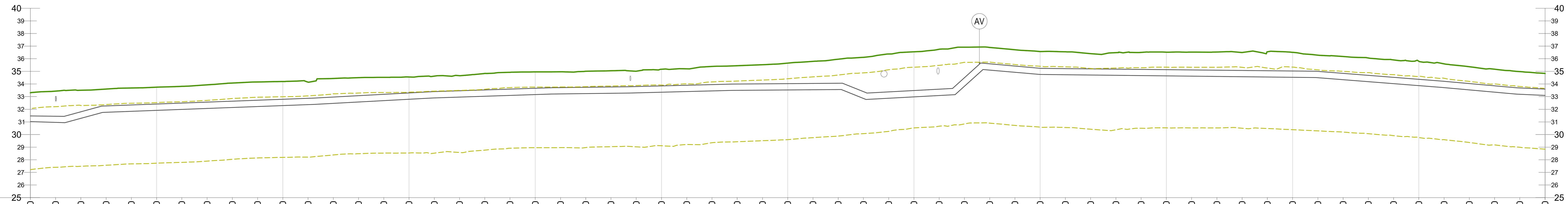
LONGITUDINAL SECTION

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



OSI Sheet No's:

1317-D



CHAINAGE	12600	12610	12620	12630	12640	12650	12660	12670	12680	12690
GROUND LEVEL	33.31	33.44	33.51	33.60	33.68	33.75	33.82	33.93	34.07	34.16
COVER DEPTH	1.83	1.99	1.71	1.34	1.34	1.33	1.33	1.37	1.43	1.44
PIPE INVERT	31.02	30.96	31.28	31.76	31.84	31.91	31.99	32.07	32.14	32.22

CHAINAGE	12700	12710	12720	12730	12740	12750	12760	12770	12780	12790
GROUND LEVEL	34.20	34.15	34.43	34.50	34.53	34.55	34.62	34.66	34.83	34.93
COVER DEPTH	1.41	1.28	1.47	1.42	1.34	1.26	1.22	1.19	1.30	1.33
PIPE INVERT	32.29	32.37	32.47	32.58	32.69	32.79	32.90	32.97	33.03	33.10

CHAINAGE	12800	12810	12820	12830	12840	12850	12860	12870	12880	12890
GROUND LEVEL	34.96	34.97	35.01	35.05	35.02	35.17	35.20	35.39	35.45	35.53
COVER DEPTH	1.29	1.25	1.27	1.28	1.22	1.32	1.31	1.44	1.46	1.52
PIPE INVERT	33.17	33.22	33.24	33.27	33.30	33.35	33.40	33.45	33.49	33.51

CHAINAGE	12900	12910	12920	12930	12940	12950	12960	12970	12980	12990
GROUND LEVEL	35.65	35.79	35.96	36.11	36.38	36.55	36.75	36.91	36.89	36.71
COVER DEPTH	1.63	1.75	1.91	2.72	3.00	3.07	3.16	2.42	1.30	1.29
PIPE INVERT	33.53	33.54	33.56	32.85	32.87	32.98	33.09	33.82	35.10	34.93

CHAINAGE	13000	13010	13020	13030	13040	13050	13060	13070	13080	13090
GROUND LEVEL	36.57	36.55	36.41	36.49	36.50	36.52	36.52	36.53	36.49	36.55
COVER DEPTH	1.33	1.33	1.21	1.31	1.34	1.38	1.41	1.44	1.42	1.49
PIPE INVERT	34.75	34.73	34.71	34.69	34.67	34.64	34.62	34.60	34.58	34.56

CHAINAGE	13100	13110	13120	13130	13140	13150	13160	13170	13180	13190	13200
GROUND LEVEL	36.51	36.28	36.18	36.06	35.91	35.80	35.60	35.37	35.17	34.98	34.84
COVER DEPTH	1.47	1.28	1.33	1.38	1.38	1.43	1.39	1.33	1.32	1.30	1.24
PIPE INVERT	34.53	34.50	34.34	34.19	34.03	33.87	33.71	33.53	33.35	33.19	33.10

PIPE DATA	approximately 500mm nominal diameter OPEN CUT
ROUTE INFO	ROAD

2 LONGITUDINAL SECTION

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

Rev.	Date	Description	By	Chk'd	Rev'd	App'd
C02	04.11.26	DRAWING TITLE UPDATED	SB	ABM	MMcE	TM
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 C
PLAN & LONGITUDINAL SECTION SHEET
23 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

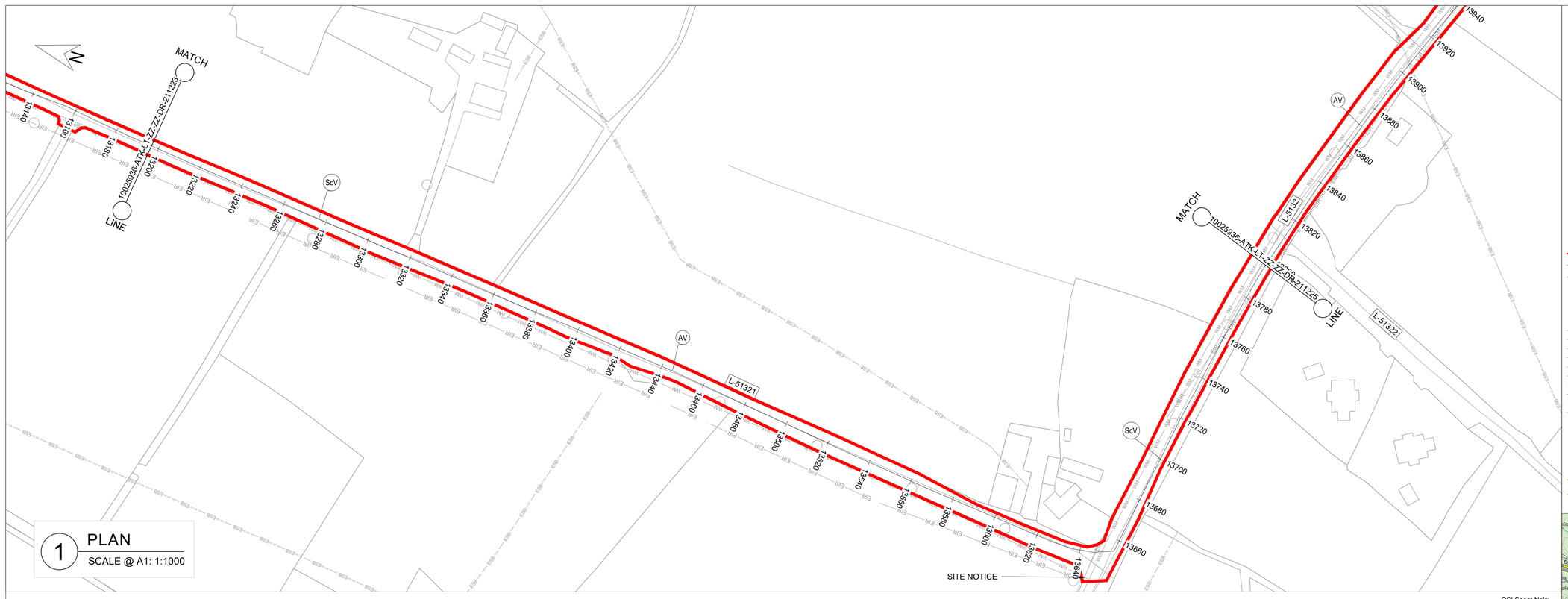
Drawing Number: 10025936-ATK-LT-ZZ-DR-CE-211223 — Revision: C02

Internal Project Number: 100089328

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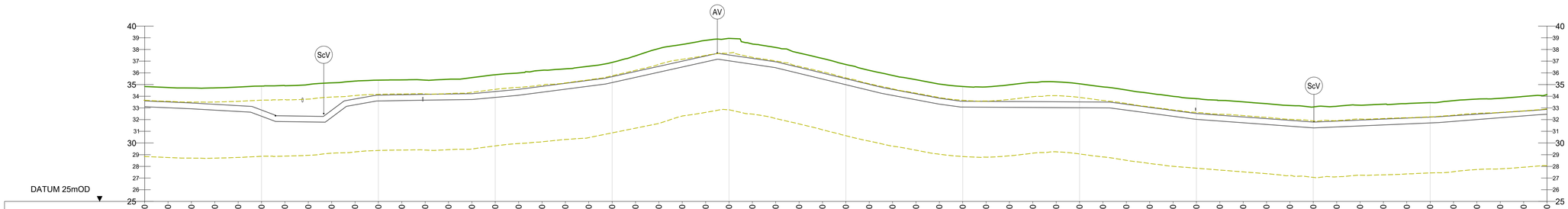
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1 PLAN
SCALE @ A1: 1:1000

OSI Sheet No's:
1317-D



CHAINAGE	13200	13210	13220	13230	13240	13250	13260	13270	13280	13290	13300	13310	13320	13330	13340	13350	13360	13370	13380	13390	13400	13410	13420	13430	13440	13450	13460	13470	13480	13490	13500	13510	13520	13530	13540	13550	13560	13570	13580	13590	13600	13610	13620	13630	13640	13650	13660	13670	13680	13690	13700	13710	13720	13730	13740	13750	13760	13770	13780	13790	13800
GROUND LEVEL	34.84	34.75	34.70	34.72	34.79	34.87	34.90	35.00	35.15	35.30	35.37	35.40	35.38	35.45	35.59	35.84	35.99	36.22	36.34	36.56	36.90	37.46	38.08	38.43	38.78	38.95	38.47	38.17	37.70	37.23	36.72	36.22	35.78	35.42	35.04	34.83	34.80	34.98	35.19	35.23	35.06	34.80	34.54	34.25	33.99	33.79	33.64	33.52	33.36	33.21	33.09	33.14	33.24	33.32	33.37	33.45	33.62	33.76	33.82	33.98	34.14
COVER DEPTH	1.24	1.24	1.28	1.41	1.59	2.05	2.58	2.70	2.34	1.53	1.28	1.27	1.22	1.26	1.37	1.44	1.40	1.37	1.24	1.20	1.22	1.34	1.52	1.43	1.33	1.42	1.23	1.22	1.23	1.24	1.21	1.20	1.20	1.21	1.21	1.26	1.23	1.43	1.65	1.71	1.55	1.30	1.22	1.21	1.21	1.27	1.27	1.29	1.28	1.27	1.29	1.26	1.27	1.29	1.27	1.24	1.24	1.29	1.29	1.22	1.25	1.27
PIPE INVERT	33.10	33.01	32.92	32.81	32.70	32.29	31.83	31.80	32.19	33.27	33.59	33.63	33.66	33.69	33.72	33.90	34.08	34.34	34.60	34.86	35.17	35.61	36.06	36.50	36.95	37.03	36.74	36.44	35.96	35.47	34.99	34.51	34.07	33.70	33.33	33.08	33.06	33.05	33.04	33.03	33.01	33.00	32.81	32.55	32.28	32.02	31.87	31.73	31.58	31.44	31.30	31.38	31.46	31.55	31.63	31.72	31.85	32.00	32.16	32.32	32.45
PIPE DATA	approximately 500mm nominal diameter OPEN CUT
ROUTE INFO	ROAD

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

GENERAL NOTES

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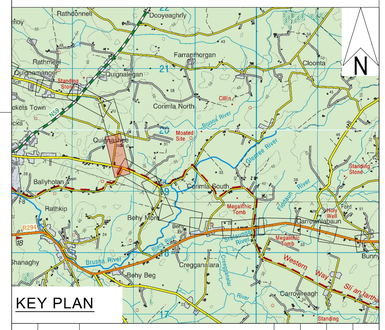
LEGEND:

PLAN

- RED LINE BOUNDARY
- PROPOSED PIPELINE A
- PROPOSED PIPELINE C
- 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)



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 C
PLAN & LONGITUDINAL SECTION
SHEET 24 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

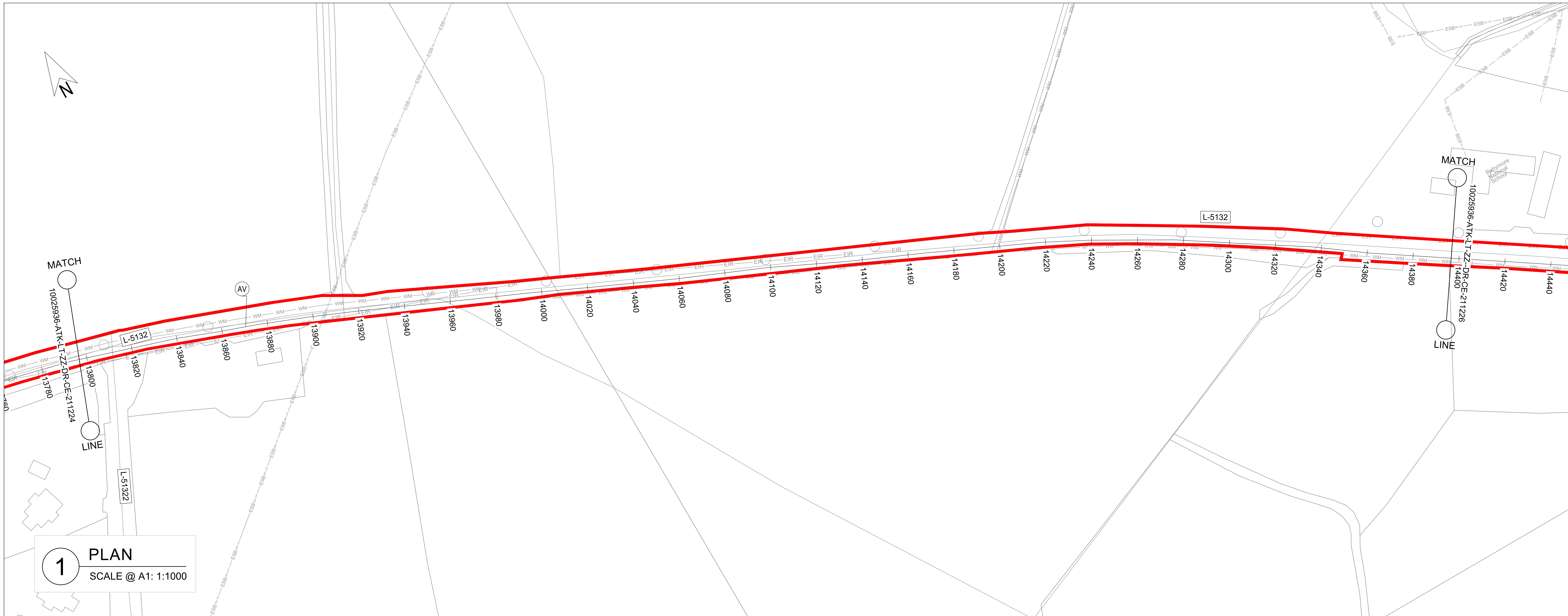
Drawing Number: 10025936-ATK-LT-ZZ-DR-CE-211224
Revision: C01

Internal Project Number: 100089328

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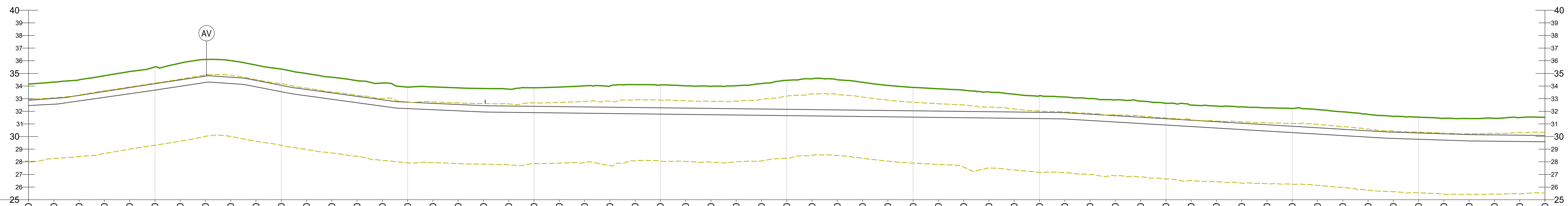


1 PLAN

SCALE @ A1: 1:1000

OSI Sheet No's:

1318,1317-D



CHAINAGE	13800	13810	13820	13830	13840	13850	13860	13870	13880	13890	13900	13910	13920	13930	13940	13950	13960	13970	13980	13990
GROUND LEVEL	34.14	34.31	34.49	34.81	35.15	35.51	35.81	36.10	36.01	35.65	35.34	34.99	34.70	34.42	34.24	33.91	33.93	33.85	33.81	33.75
COVER DEPTH	1.27	1.29	1.24	1.25	1.28	1.33	1.33	1.31	1.31	1.21	1.29	1.26	1.24	1.24	1.33	1.19	1.30	1.32	1.36	1.34
PIPE INVERT	32.45	32.56	32.82	33.10	33.39	33.68	33.98	34.29	34.20	33.94	33.55	33.23	32.96	32.68	32.41	32.22	32.12	32.03	31.94	31.91

CHAINAGE	14000	14010	14020	14030	14040	14050	14060	14070	14080	14090	14100	14110	14120	14130	14140	14150	14160	14170	14180	14190
GROUND LEVEL	33.86	33.92	34.01	34.00	34.11	34.08	34.01	33.98	34.03	34.19	34.45	34.57	34.49	34.30	34.05	33.89	33.78	33.67	33.54	33.36
COVER DEPTH	1.47	1.55	1.67	1.68	1.82	1.81	1.77	1.76	1.83	2.02	2.30	2.44	2.39	2.21	1.99	1.85	1.77	1.68	1.57	1.41
PIPE INVERT	31.89	31.87	31.84	31.82	31.80	31.77	31.75	31.72	31.70	31.68	31.65	31.63	31.61	31.58	31.56	31.54	31.51	31.49	31.46	31.44

CHAINAGE	14200	14210	14220	14230	14240	14250	14260	14270	14280	14290	14300	14310	14320	14330	14340	14350	14360	14370	14380	14390	14400
GROUND LEVEL	33.24	33.13	33.01	32.90	32.80	32.64	32.50	32.42	32.35	32.27	32.23	32.13	31.96	31.75	31.60	31.53	31.45	31.42	31.45	31.50	31.52
COVER DEPTH	1.32	1.25	1.24	1.26	1.27	1.23	1.21	1.24	1.30	1.34	1.41	1.44	1.39	1.29	1.25	1.25	1.23	1.27	1.31	1.39	1.43
PIPE INVERT	31.42	31.39	31.27	31.15	31.03	30.91	30.79	30.67	30.55	30.43	30.31	30.19	30.07	29.95	29.85	29.78	29.72	29.65	29.63	29.61	29.59

PIPE DATA	approximately 500mm nominal diameter OPEN CUT
ROUTE INFO	ROAD

2 LONGITUDINAL SECTION

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

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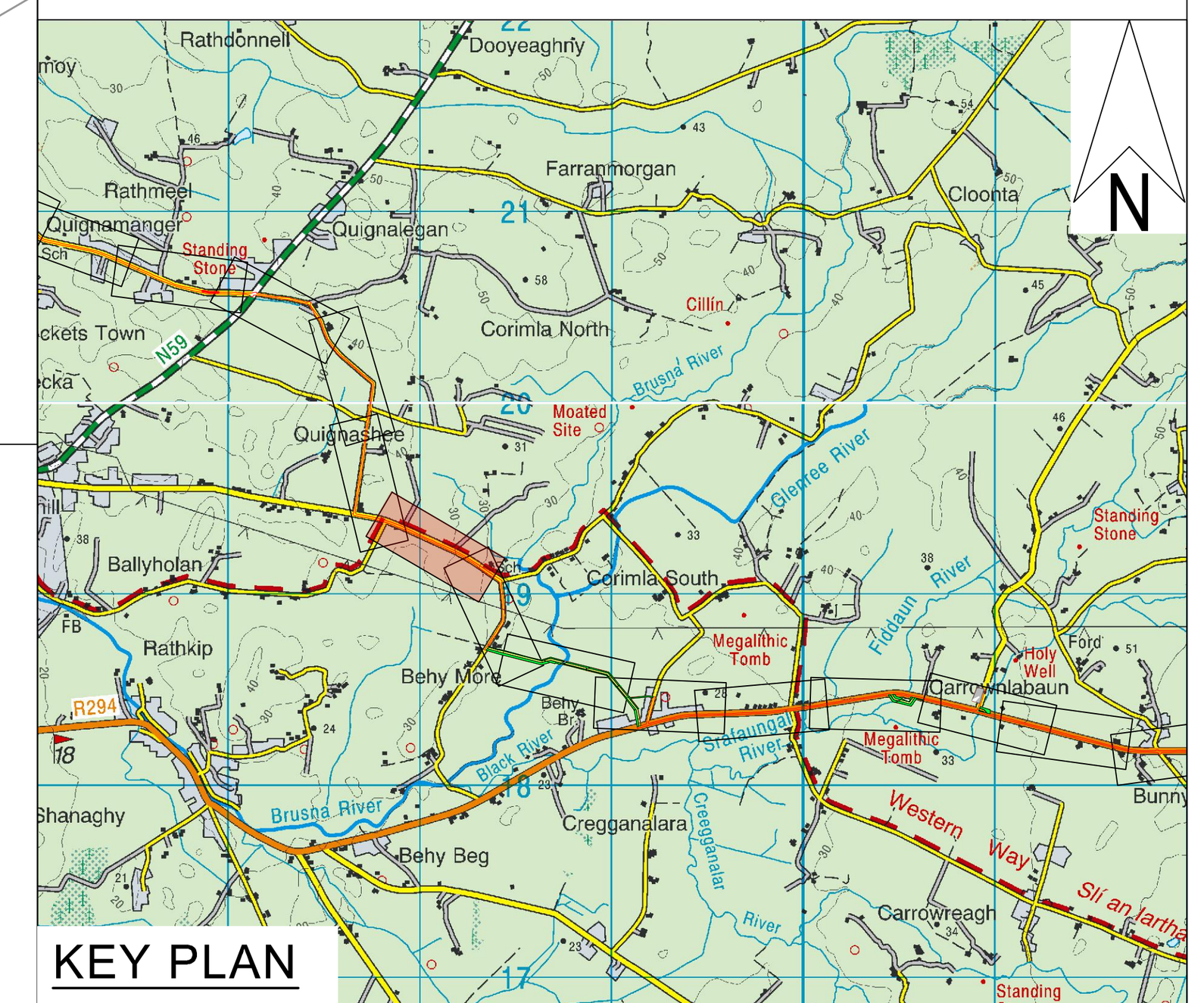
LEGEND:

PLAN

- RED LINE BOUNDARY
- PROPOSED PIPELINE A
- PROPOSED PIPELINE C
- 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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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 C
PLAN & LONGITUDINAL SECTION
SHEET 25 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-211225

Revision: C01

Internal Project Number: 100089328

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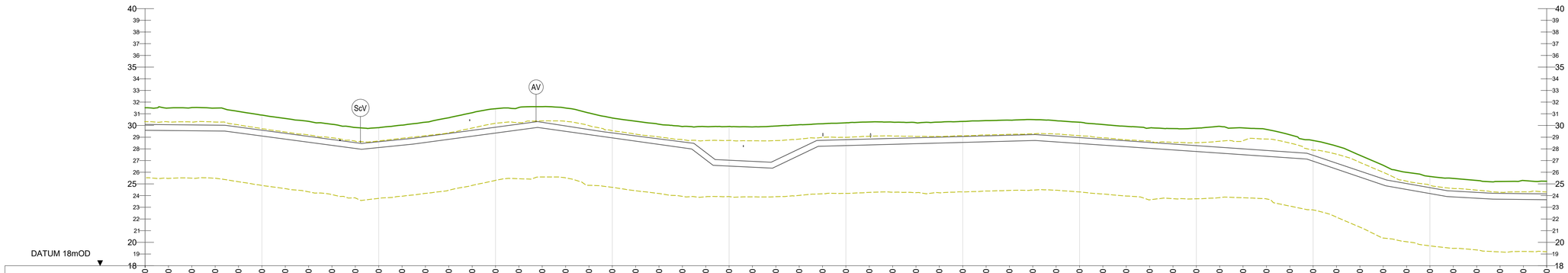
DO NOT SCALE



1 PLAN

SCALE @ A1: 1:1000

OSI Sheet No's:
1387, 1318



CHAINAGE	14400	14410	14420	14430	14440	14450	14460	14470	14480	14490	14500	14510	14520	14530	14540	14550	14560	14570	14580	14590	14600	14610	14620	14630	14640	14650	14660	14670	14680	14690	14700	14710	14720	14730	14740	14750	14760	14770	14780	14790	14800	14810	14820	14830	14840	14850	14860	14870	14880	14890	14900	14910	14920	14930	14940	14950	14960	14970	14980	14990	15000
GROUND LEVEL	31.52	31.50	31.53	31.49	31.20	30.89	30.60	30.35	30.11	29.83	29.81	30.03	30.28	30.66	31.09	31.43	31.55	31.61	31.50	31.07	30.64	30.36	30.11	29.91	29.90	29.91	29.88	29.95	30.06	30.15	30.23	30.30	30.29	30.24	30.29	30.35	30.42	30.46	30.51	30.41	30.28	30.09	29.93	29.79	29.74	29.77	29.93	29.79	29.66	29.21	28.71	28.24	27.45	26.60	25.99	25.64	25.47	25.30	25.21	25.29	25.23
COVER DEPTH	1.43	1.43	1.48	1.47	1.34	1.29	1.27	1.29	1.30	1.29	1.20	1.22	1.23	1.34	1.51	1.58	1.42	1.33	1.53	1.42	1.28	1.25	1.26	1.31	2.20	2.88	2.95	2.90	2.06	1.42	1.45	1.47	1.40	1.29	1.29	1.29	1.31	1.30	1.29	1.31	1.32	1.26	1.24	1.24	1.32	1.49	1.79	1.79	1.80	1.48	1.27	1.46	1.35	1.17	0.96	0.96	1.09	1.02	1.01	1.12	1.08
PIPE INVERT	29.59	29.57	29.55	29.53	29.36	29.10	28.83	28.57	28.30	28.04	28.11	28.31	28.55	28.81	29.08	29.35	29.62	29.78	29.50	29.22	28.94	28.66	28.38	28.10	27.07	26.53	26.43	26.49	27.44	28.23	28.29	28.34	28.39	28.45	28.50	28.55	28.61	28.66	28.71	28.59	28.46	28.32	28.18	28.05	27.91	27.77	27.64	27.50	27.36	27.23	26.94	26.27	25.59	24.91	24.52	24.17	23.88	23.77	23.69	23.67	23.65
PIPE DATA	approximately 500mm nominal diameter OPEN CUT
ROUTE INFO	ROAD	FIELD

2 LONGITUDINAL SECTION

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

GENERAL NOTES

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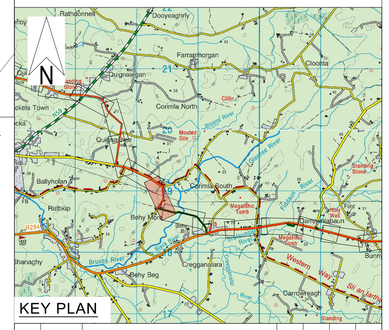
LEGEND:

PLAN

- RED LINE BOUNDARY
- PROPOSED PIPELINE A
- PROPOSED PIPELINE C
- 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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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 C
PLAN & LONGITUDINAL SECTION
SHEET 26 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-211226

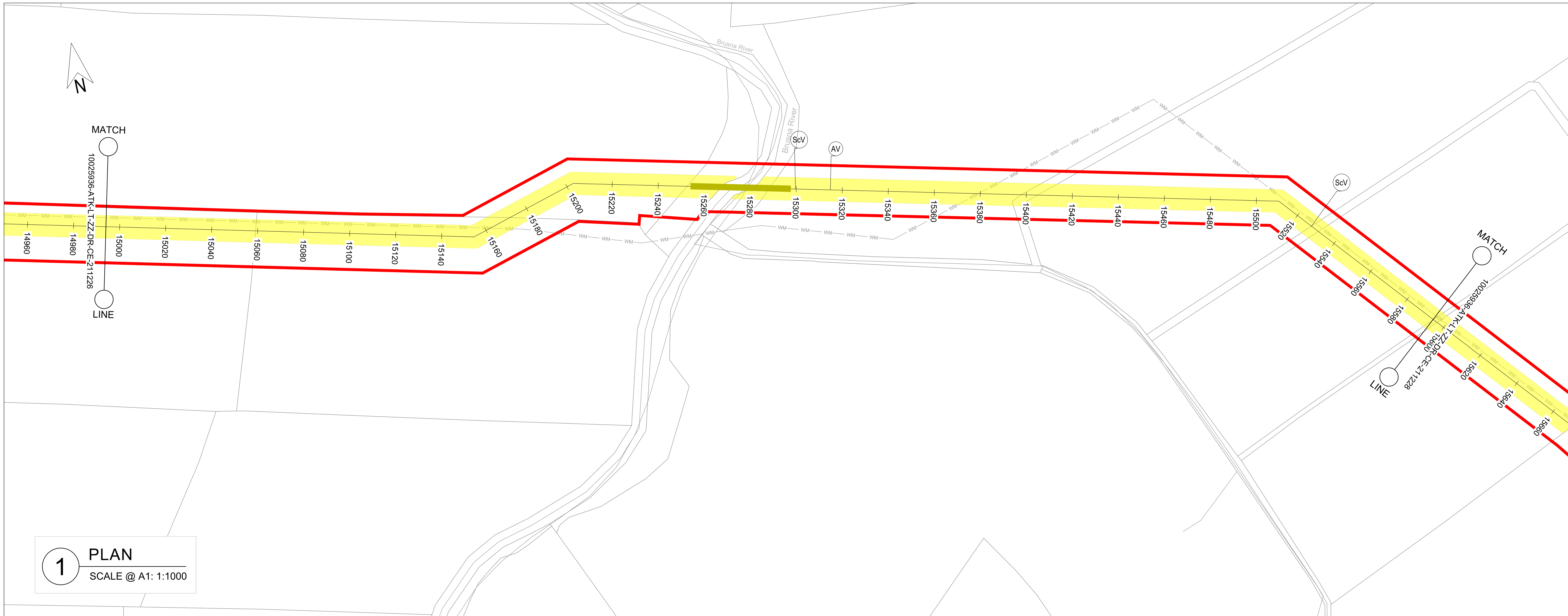
Revision: C01

Internal Project Number: 100089328

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1 PLAN
SCALE @ A1: 1:1000

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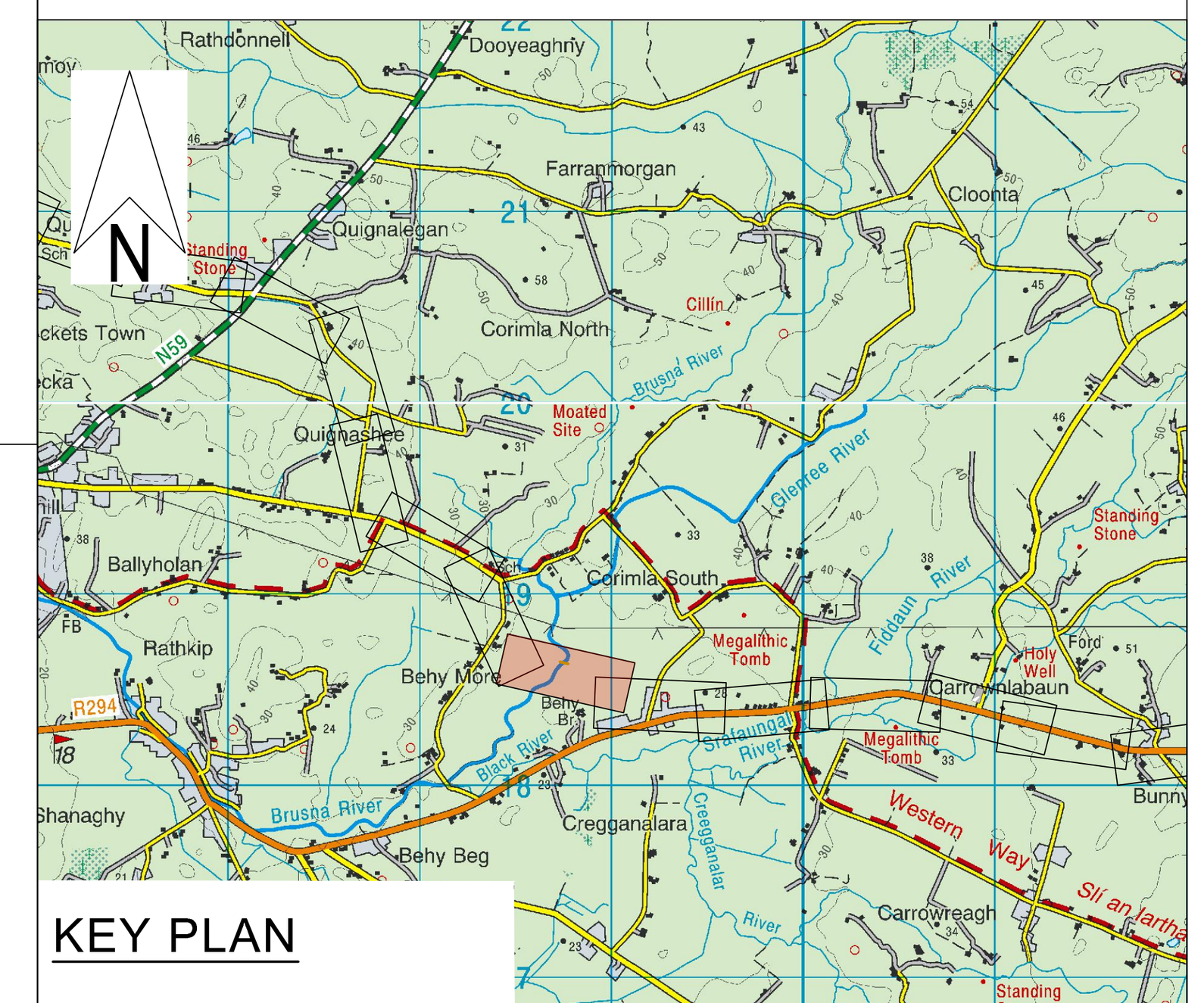
LEGEND:

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- ESB 110kv OH — EXISTING ESB HV OVERHEAD
- GAS DMP — EXISTING GAS
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- ENET — EXISTING ENET
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- AV — PROPOSED AIR VALVE
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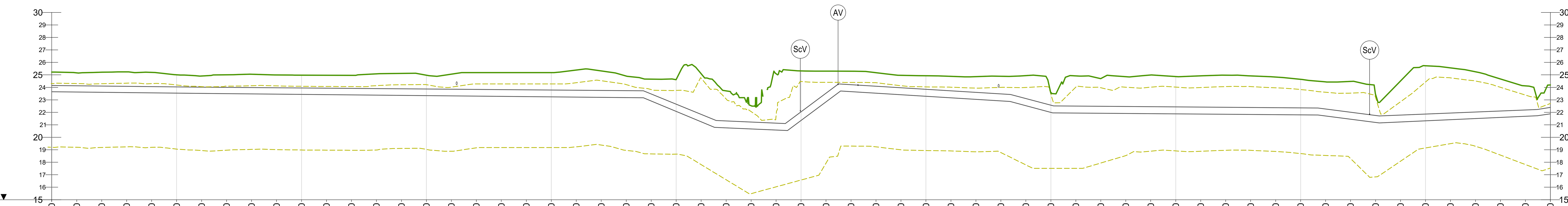
LONGITUDINAL SECTION

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



KEY PLAN

OSI Sheet No's:
1387.



CHAINAGE	15000	15010	15020	15030	15040	15050	15060	15070	15080	15090	15100	15110	15120	15130	15140	15150	15160	15170	15180	15190	15200
GROUND LEVEL	25.23	25.16	25.21	25.24	25.20	25.01	24.91	25.00	25.05	25.00	24.98	24.97	24.96	25.08	25.12	24.97	25.06	25.18	25.18	25.18	25.18
COVER DEPTH	1.08	1.04	1.11	1.16	1.14	0.97	0.89	1.00	1.07	1.03	1.02	1.03	1.04	1.18	1.23	1.10	1.20	1.34	1.36	1.37	1.39
PIPE INVERT	23.65	23.63	23.60	23.58	23.56	23.54	23.52	23.50	23.48	23.46	23.44	23.42	23.40	23.38	23.36	23.34	23.32	23.30	23.28	23.26	23.24

CHAINAGE	15210	15220	15230	15240	15250	15260	15270	15280	15290	15300	15310	15320	15330	15340	15350	15360	15370	15380	15390	15400	15410	15420	15430	15440	15450	15460	15470	15480
GROUND LEVEL	25.39	25.32	24.91	24.66	24.63	25.09	23.72	22.53	25.09	25.32	25.30	25.29	25.17	24.96	24.93	24.88	24.86	24.89	24.94	23.53	24.92	24.70	24.86	24.99	24.87	24.93	24.98	24.92
COVER DEPTH	1.62	1.56	1.17	1.19	1.98	3.26	2.41	1.31	3.95	3.28	1.77	1.08	1.08	1.00	1.08	1.16	1.26	1.41	1.84	0.96	2.42	2.22	2.39	2.54	2.43	2.51	2.57	2.53
PIPE INVERT	23.22	23.20	23.18	22.91	22.07	21.24	20.75	20.67	20.58	21.35	22.84	23.66	23.53	23.41	23.29	23.17	23.04	22.92	22.53	21.99	21.94	21.92	21.91	21.89	21.88	21.86	21.84	21.83

CHAINAGE	15490	15500	15510	15520	15530	15540	15550	15560	15570	15580	15590	15600
GROUND LEVEL	24.82	24.64	24.44	24.48	23.43	24.51	25.73	25.56	25.25	24.67	24.12	24.19
COVER DEPTH	2.45	2.29	2.17	2.47	1.68	2.72	3.86	3.61	3.23	2.57	1.93	1.79
PIPE INVERT	21.81	21.79	21.70	21.45	21.19	21.23	21.32	21.41	21.50	21.59	21.68	21.88

PIPE DATA	approximately 500mm nominal diameter OPEN CUT (15000–15080)	approximately 560mm nominal diameter (TRENCHLESS) (15080–15260)	approximately 560mm (DIRECTIONAL DRILLING) (15260–15310)	approximately 500mm nominal diameter OPEN CUT (15310–15600)
ROUTE INFO	FIELD			

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

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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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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 C
PLAN & LONGITUDINAL SECTION
SHEET 27 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-211227 — Revision: C01

Internal Project Number: 100089328

DO NOT SCALE



1 PLAN

SCALE @ A1: 1:1000

OSI Sheet No's:

1387.

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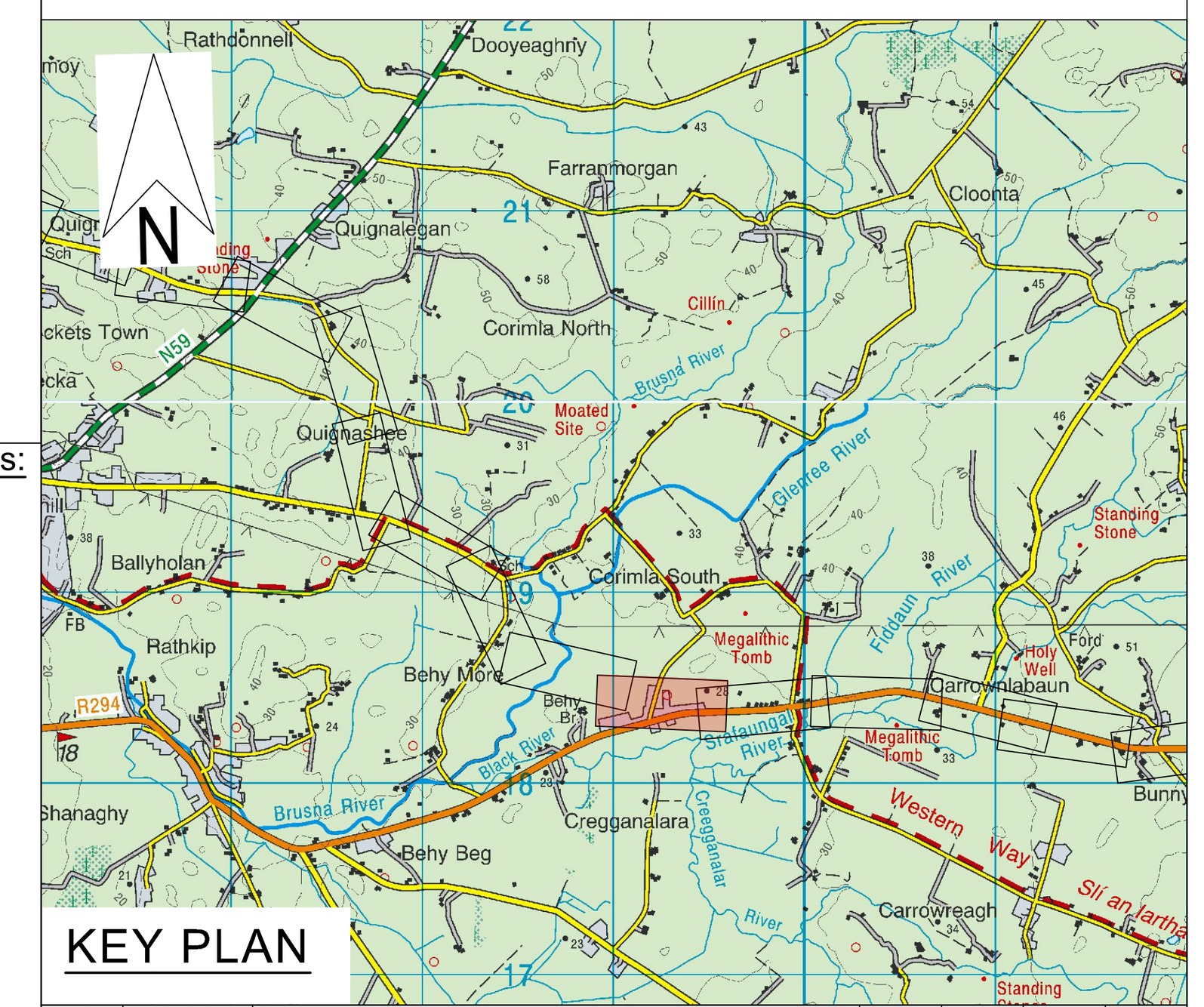
LEGEND:

PLAN

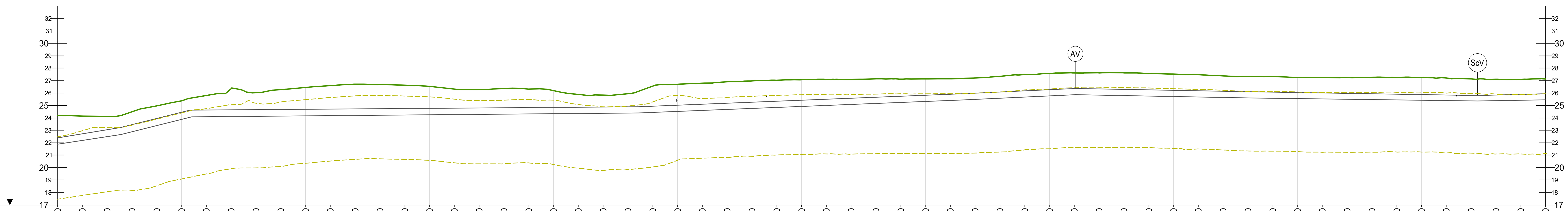
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LONGITUDINAL SECTION

- 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



DATUM 17mOD

CHAINAGE	GROUND LEVEL	COVER DEPTH	PIPE INVERT
15600	24.19	1.79	21.88
15610	24.15	1.42	22.19
15620	24.13	1.08	22.49
15630	24.49	1.03	22.88
15640	24.97	1.02	23.38
15650	25.38	0.92	23.88
15660	25.80	1.17	24.09
15670	26.35	1.70	24.11
15680	26.03	1.37	24.13
15690	26.28	1.60	24.15
15700	26.45	1.75	24.16
15710	26.60	1.89	24.18
15720	26.71	1.99	24.20
15730	26.69	1.94	24.22
15740	26.64	1.88	24.23
15750	26.54	1.77	24.25
15760	26.32	1.53	24.27
15770	26.30	1.50	24.29
15780	26.37	1.55	24.30
15790	26.32	1.49	24.32
15800	26.20	1.35	24.34
15810	25.89	1.03	24.36
15820	25.83	0.96	24.37
15830	25.95	1.06	24.39
15840	26.56	1.62	24.45
15850	26.71	1.69	24.53
15860	26.79	1.69	24.61
15870	26.91	1.72	24.69
15880	26.97	1.71	24.77
15890	27.03	1.68	24.85
15900	27.08	1.65	24.93
15910	27.10	1.59	25.01
15920	27.11	1.52	25.09
15930	27.14	1.48	25.17
15940	27.12	1.37	25.25
15950	27.14	1.31	25.33
15960	27.15	1.24	25.41
15970	27.21	1.22	25.50
15980	27.35	1.26	25.59
15990	27.49	1.31	25.68
16000	27.59	1.31	25.77
16010	27.62	1.25	25.87
16020	27.62	1.29	25.84
16030	27.63	1.33	25.80
16040	27.58	1.32	25.76
16050	27.53	1.30	25.72
16060	27.47	1.29	25.68
16070	27.38	1.23	25.65
16080	27.32	1.22	25.61
16090	27.32	1.24	25.58
16100	27.25	1.21	25.55
16110	27.24	1.23	25.53
16120	27.25	1.27	25.50
16130	27.27	1.32	25.48
16140	27.26	1.35	25.45
16150	27.26	1.39	25.42
16160	27.21	1.37	25.40
16170	27.14	1.33	25.37
16180	27.12	1.28	25.39
16190	27.10	1.21	25.42
16200	27.13	1.18	25.45

PIPE DATA: approximately 500mm nominal diameter OPEN CUT

ROUTE INFO: FIELD (15600–15850); ROAD (15850–16200)

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 C PLAN & LONGITUDINAL SECTION SHEET 28 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-211228 Revision: C01

Internal Project Number: 100089328

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1 PLAN

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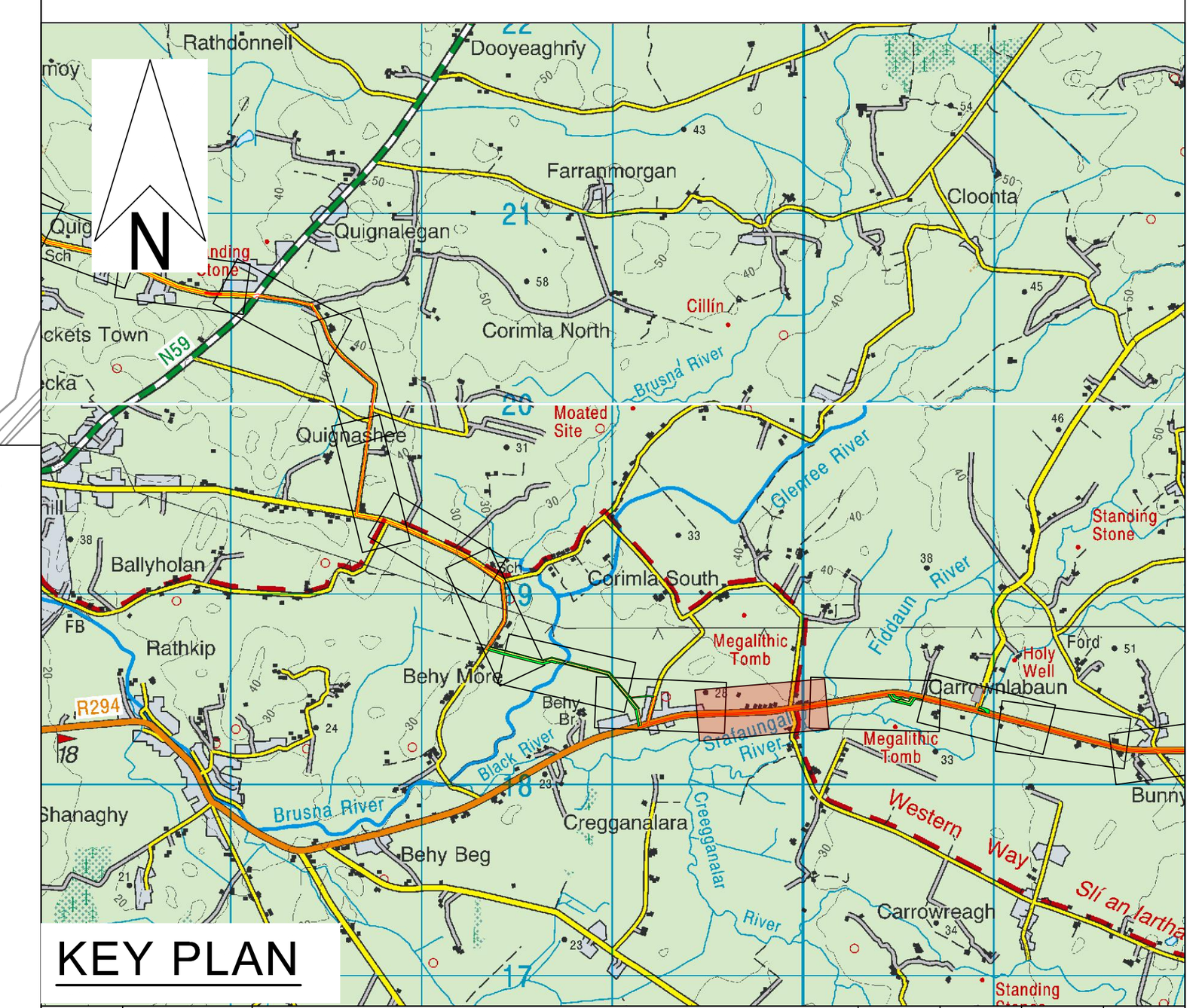
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LONGITUDINAL SECTION

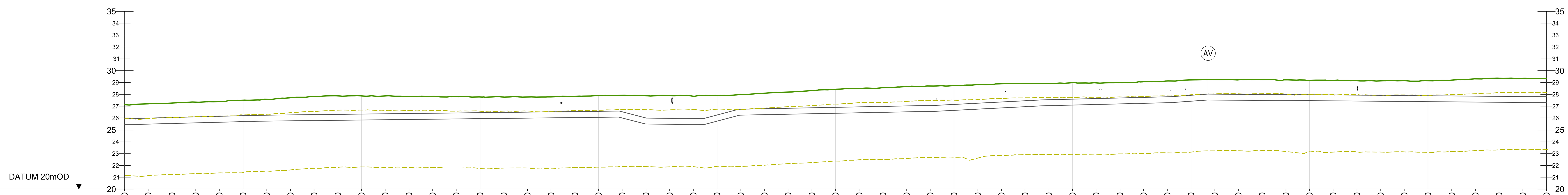
- EXISTING GROUND LEVEL
- MINIMUM COVER DEPTH (0.9 m IN THE FIELD AND 1.2m FOR ROAD) AND MAXIMUM INVERT DEPTH (6.0 m)



KEY PLAN

OSI Sheet No's:

1387.



CHAINAGE	GROUND LEVEL	COVER DEPTH	PIPE INVERT
16200	27.13	1.18	25.45
16210	27.20	1.21	25.49
16220	27.27	1.22	25.54
16230	27.34	1.25	25.60
16240	27.39	1.24	25.65
16250	27.50	1.31	25.70
16260	27.58	1.34	25.74
16270	27.71	1.45	25.77
16280	27.82	1.53	25.79
16290	27.87	1.56	25.81
16300	27.87	1.53	25.83
16310	27.87	1.51	25.86
16320	27.81	1.43	25.88
16330	27.83	1.43	25.90
16340	27.80	1.37	25.93
16350	27.78	1.33	25.95
16360	27.77	1.30	25.97
16370	27.78	1.28	26.00
16380	27.79	1.27	26.02
16390	27.83	1.29	26.04
16400	27.89	1.32	26.07
16410	27.93	1.41	26.01
16420	27.88	1.87	25.50
16430	27.89	1.91	25.48
16440	27.84	1.89	25.46
16450	27.91	1.65	25.74
16460	27.99	1.24	26.25
16470	28.10	1.31	26.29
16480	28.19	1.37	26.33
16490	28.31	1.44	26.37
16500	28.44	1.53	26.41
16510	28.51	1.56	26.45
16520	28.56	1.57	26.49
16530	28.66	1.64	26.53
16540	28.70	1.64	26.57
16550	28.74	1.59	26.65
16560	28.82	1.57	26.75
16570	28.89	1.54	26.86
16580	28.92	1.46	26.96
16590	28.93	1.38	27.04
16600	28.98	1.39	27.10
16610	28.97	1.32	27.15
16620	29.01	1.32	27.20
16630	29.06	1.31	27.25
16640	29.13	1.33	27.30
16650	29.22	1.30	27.42
16660	29.26	1.24	27.52
16670	29.22	1.22	27.50
16680	29.25	1.26	27.49
16690	29.22	1.25	27.48
16700	29.18	1.22	27.46
16710	29.18	1.23	27.45
16720	29.15	1.22	27.44
16730	29.14	1.22	27.42
16740	29.15	1.25	27.40
16750	29.15	1.27	27.38
16760	29.20	1.33	27.37
16770	29.31	1.45	27.35
16780	29.36	1.53	27.34
16790	29.35	1.53	27.32
16800	29.35	1.54	27.30

PIPE DATA: approximately 500mm nominal diameter OPEN CUT

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 C PLAN & LONGITUDINAL SECTION SHEET 29 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

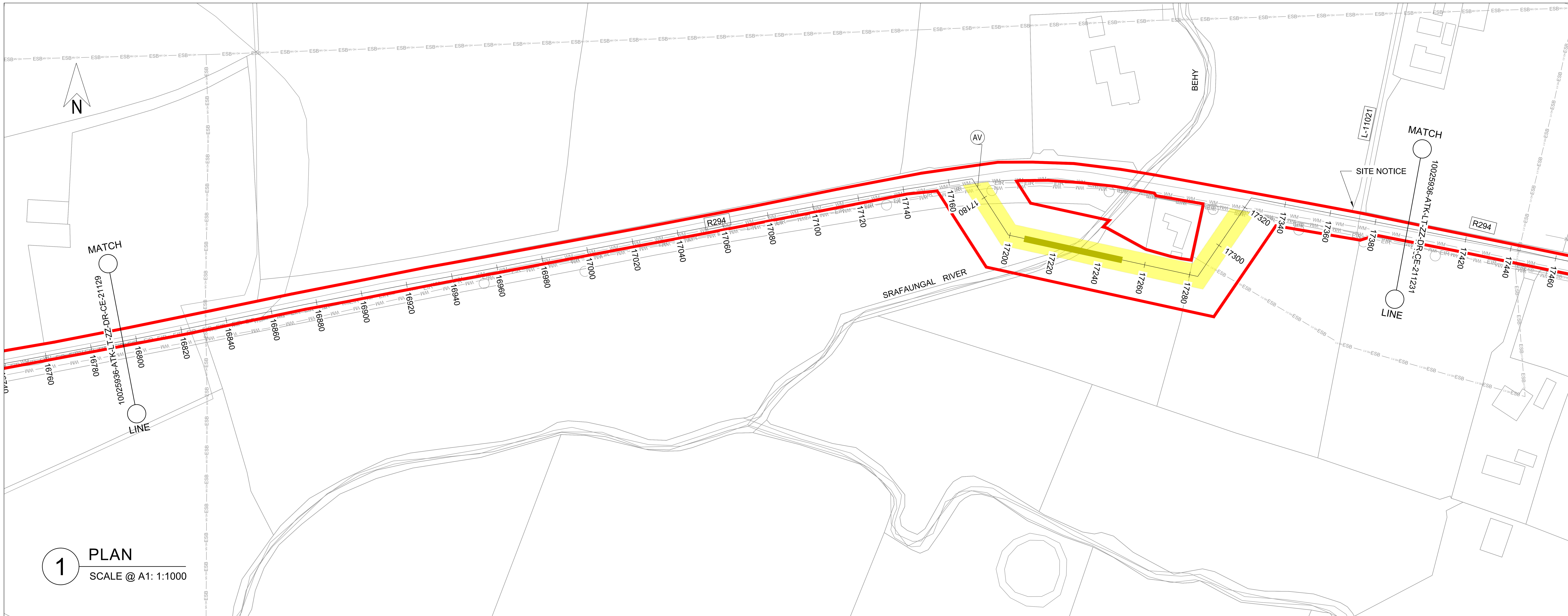
Drawing Number: 10025936-ATK-LT-ZZ-DR-CE-211229 — Revision: C01

Internal Project Number: 100089328

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1 PLAN
SCALE @ A1: 1:1000

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4. ALL COORDINATES ARE IN METRES AND ARE TO IRISH TRANSVERSE MERCATOR
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6. THE LOCATION OF EXISTING SERVICES ARE BASED ON GPR SURVEY, TOPOGRAPHICAL SURVEY AND AS BUILT RECORDS FROM THE UTILITY SERVICE PROVIDERS. THESE SHOULD BE VERIFIED AT SITE AND INCLUDED IN THE FINAL DETAILED DESIGN PRIOR TO CONSTRUCTION.

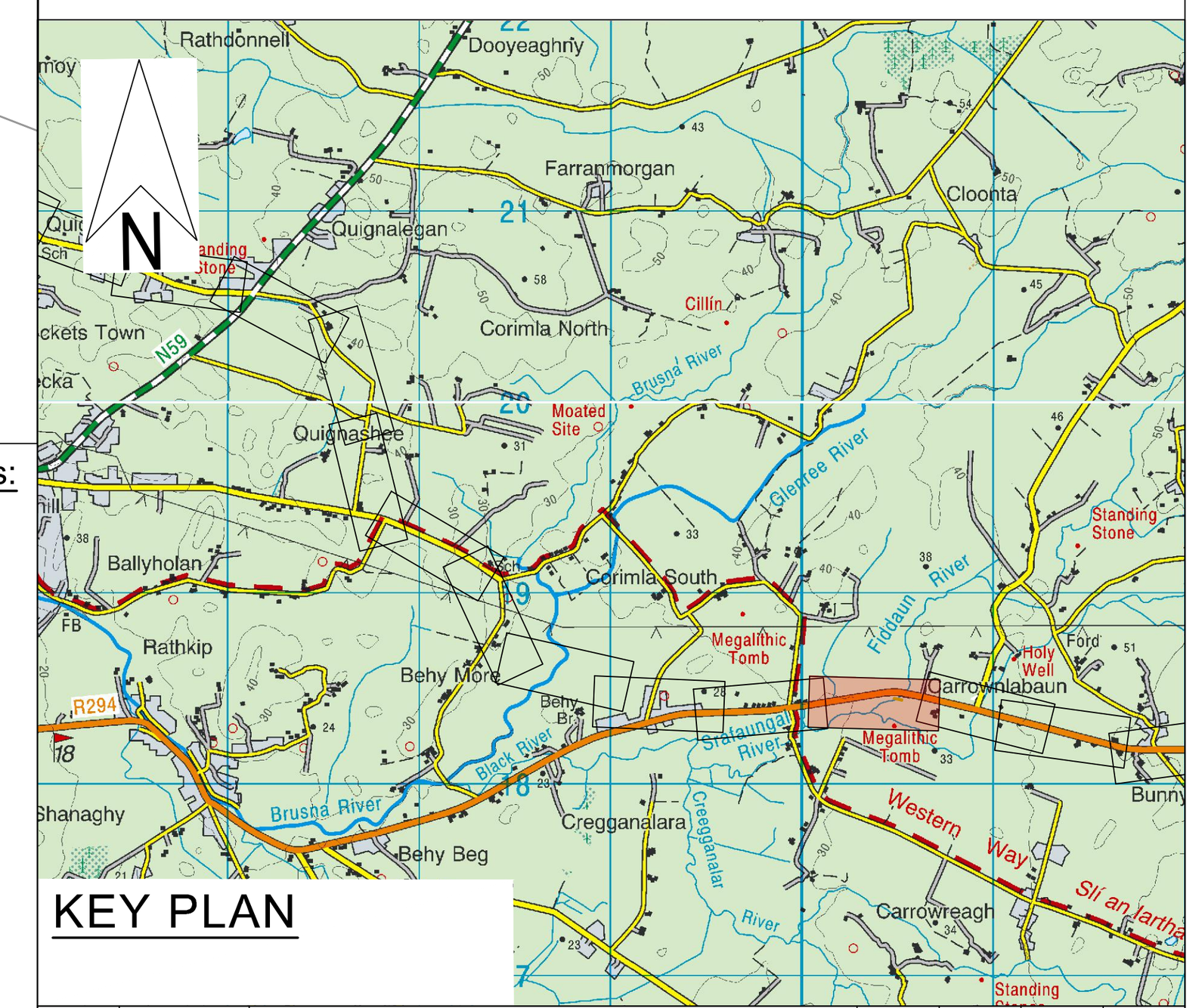
LEGEND:

PLAN

- RED LINE BOUNDARY
- PROPOSED PIPELINE A
- PROPOSED PIPELINE C
- 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

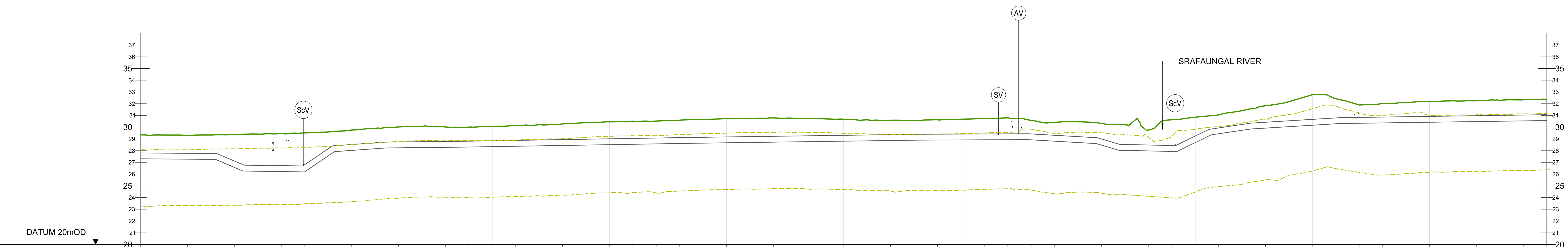
LONGITUDINAL SECTION

- 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

OSI Sheet No's:
1387.



CHAINAGE	16800	16810	16820	16830	16840	16850	16860	16870	16880	16890	16900	16910	16920	16930	16940	16950	16960	16970	16980	16990
GROUND LEVEL	29.35	29.33	29.31	29.34	29.38	29.41	29.46	29.51	29.59	29.76	29.90	30.02	30.07	30.02	30.00	30.07	30.14	30.20	30.27	30.38
COVER DEPTH	1.54	1.54	1.53	1.58	2.27	2.66	2.74	2.70	1.43	1.24	1.24	1.28	1.31	1.24	1.20	1.23	1.27	1.30	1.34	1.41
PIPE INVERT	27.30	27.29	27.27	27.26	26.57	26.25	26.22	26.20	27.56	28.02	28.16	28.24	28.26	28.28	28.30	28.34	28.37	28.40	28.44	28.47

CHAINAGE	17000	17010	17020	17030	17040	17050	17060	17070	17080	17090	17100	17110	17120	17130	17140	17150	17160	17170	17180	17190
GROUND LEVEL	30.45	30.51	30.52	30.60	30.67	30.72	30.72	30.78	30.75	30.72	30.68	30.63	30.59	30.59	30.63	30.67	30.74	30.79	30.58	30.42
COVER DEPTH	1.45	1.47	1.45	1.49	1.53	1.56	1.53	1.56	1.50	1.45	1.37	1.30	1.22	1.20	1.22	1.26	1.32	1.35	1.16	1.11
PIPE INVERT	28.50	28.54	28.57	28.60	28.64	28.66	28.69	28.72	28.75	28.78	28.80	28.83	28.86	28.89	28.90	28.91	28.92	28.93	28.92	28.81

CHAINAGE	17200	17210	17220	17230	17240	17250	17260	17270	17280	17290	17300	17310	17320	17330	17340	17350	17360	17370	17380	17390	17400
GROUND LEVEL	30.46	30.32	30.20	29.76	30.62	30.85	31.05	31.41	31.82	32.17	32.76	32.43	31.89	32.01	32.12	32.17	32.25	32.25	32.30	32.33	32.38
COVER DEPTH	1.27	1.32	1.68	1.28	2.19	1.61	1.11	1.18	1.40	1.63	2.10	1.64	1.06	1.15	1.23	1.26	1.30	1.27	1.29	1.30	1.32
PIPE INVERT	28.69	28.47	28.02	27.98	27.94	28.69	29.44	29.74	29.92	30.04	30.16	30.28	30.33	30.36	30.39	30.42	30.45	30.48	30.51	30.53	30.56

PIPE DATA: approximately 500mm nominal diameter OPEN CUT (16800–17210); approximately 500mm nominal diameter PIPE RAMMING (17210–17260); approximately 500mm nominal diameter OPEN CUT (17260–17400)

ROUTE INFO: ROAD (16800–17175); FIELD (17175–17350); ROAD (17350–17400)

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 C
PLAN & LONGITUDINAL SECTION
SHEET 30 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

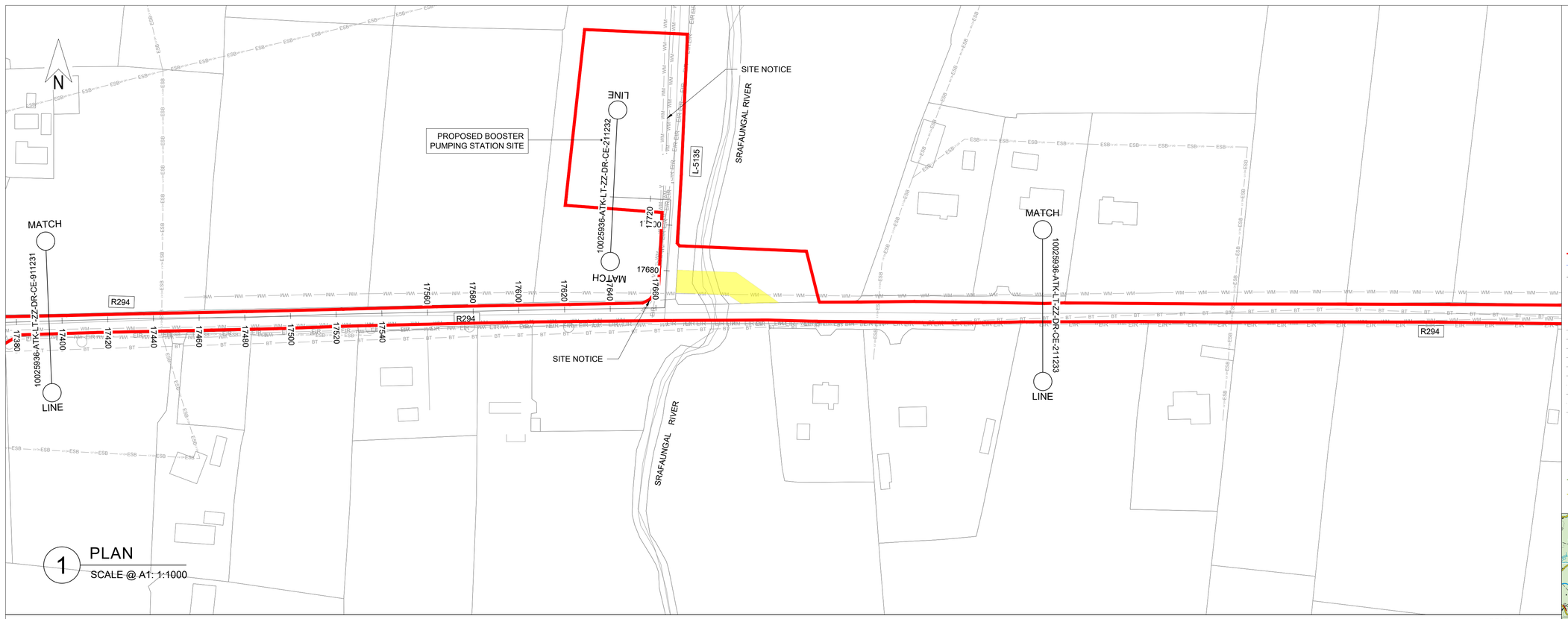
Drawing Number: 10025936-ATK-LT-ZZ-DR-CE-211230
Revision: C01

Internal Project Number: 100089328

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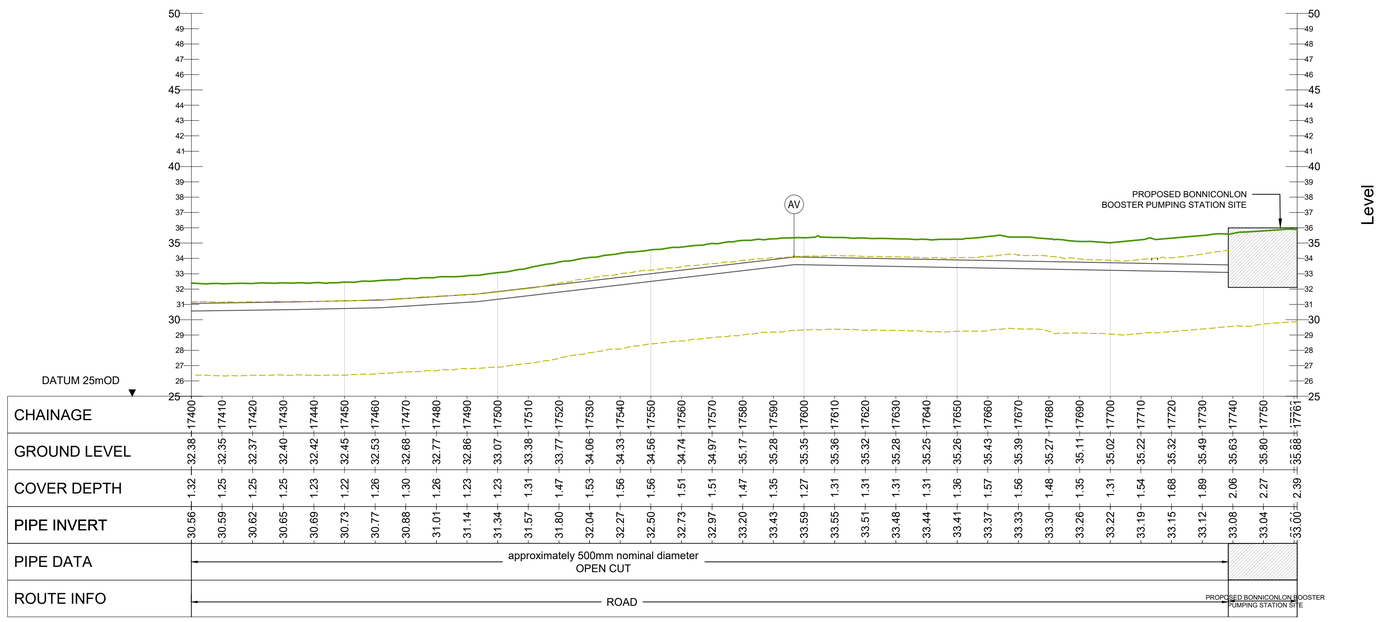
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1 PLAN

SCALE @ A1: 1:1000



2 LONGITUDINAL SECTION

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LEGEND:

PLAN

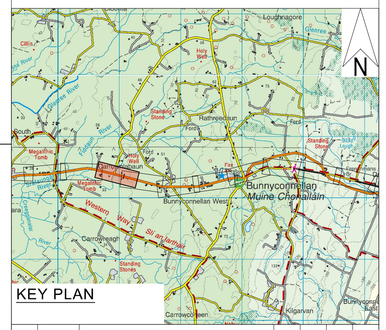
- RED LINE BOUNDARY
- PROPOSED PIPELINE A
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LONGITUDINAL SECTION

- 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:

1387.



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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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 C PLAN & LONGITUDINAL SECTION SHEET 31 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-211231 — Revision: C01

Internal Project Number: 100089328

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