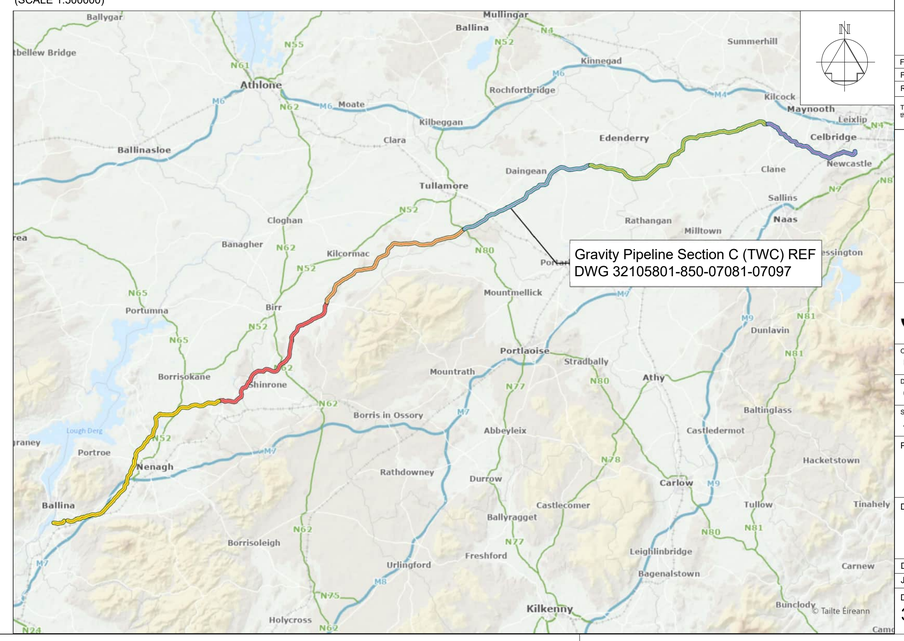
SECTION C
(SCALE - 1:35000)

(SCALE 1:500000)



Original Size
A1

Notes:

RAW WATER RISING MAINS - SHEET 1 OF 2- 2105801-850-07200
RAW WATER RISING MAINS - SHEET 2 OF 2- 2105801-850-07201

Treated Water Pipeline (Pumped) - 32105801-850-07001 - 07025
Section A - 32105801-850-07031 - 07049
Section B - 32105801-850-07056 - 07074
Section C - 32105801-850-07081 - 07097
Section D - 32105801-850-07101 - 07123
Section E - 32105801-850-07131 - 07143

REFERENCE DRAWINGS:
32105801-850-07081-GRAVITY PIPELINE SECTION C PLAN AND LONGITUDINAL SECTION SHEET 1 OF 17
32105801-850-07082-GRAVITY PIPELINE SECTION C PLAN AND LONGITUDINAL SECTION SHEET 2 OF 17
32105801-850-07083-GRAVITY PIPELINE SECTION C PLAN AND LONGITUDINAL SECTION SHEET 3 OF 17
32105801-850-07084-GRAVITY PIPELINE SECTION C PLAN AND LONGITUDINAL SECTION SHEET 4 OF 17
32105801-850-07085-GRAVITY PIPELINE SECTION C PLAN AND LONGITUDINAL SECTION SHEET 5 OF 17
32105801-850-07086-GRAVITY PIPELINE SECTION C PLAN AND LONGITUDINAL SECTION SHEET 6 OF 17
32105801-850-07087-GRAVITY PIPELINE SECTION C PLAN AND LONGITUDINAL SECTION SHEET 7 OF 17
32105801-850-07088-GRAVITY PIPELINE SECTION C PLAN AND LONGITUDINAL SECTION SHEET 8 OF 17
32105801-850-07089-GRAVITY PIPELINE SECTION C PLAN AND LONGITUDINAL SECTION SHEET 9 OF 17
32105801-850-07090-GRAVITY PIPELINE SECTION C PLAN AND LONGITUDINAL SECTION SHEET 10 OF 17
32105801-850-07091-GRAVITY PIPELINE SECTION C PLAN AND LONGITUDINAL SECTION SHEET 11 OF 17
32105801-850-07092-GRAVITY PIPELINE SECTION C PLAN AND LONGITUDINAL SECTION SHEET 12 OF 17
32105801-850-07093-GRAVITY PIPELINE SECTION C PLAN AND LONGITUDINAL SECTION SHEET 13 OF 17
32105801-850-07094-GRAVITY PIPELINE SECTION C PLAN AND LONGITUDINAL SECTION SHEET 14 OF 17
32105801-850-07095-GRAVITY PIPELINE SECTION C PLAN AND LONGITUDINAL SECTION SHEET 15 OF 17
32105801-850-07096-GRAVITY PIPELINE SECTION C PLAN AND LONGITUDINAL SECTION SHEET 16 OF 17
32105801-850-07097-GRAVITY PIPELINE SECTION C PLAN AND LONGITUDINAL SECTION SHEET 17 OF 17

Rev	Description	Drawn	Chk'd	App'd.	Date
F02	FINAL FOR PLANNING	AL/PL/KP	MG	SW	Dec. 2025
F01	FINAL FOR PLANNING	AL/PL/KP	MG	SW	Dec. 2025

Uisce Éireann
Irish Water
Tionscadal Soláthair Uisce
Water Supply Project

UISCE ÉIREANN
COLVILL HOUSE,
TALBOT STREET,
DUBLIN 1,
IRELAND

Call 1890 278 278
Int: 00 353 1 707 2828

Jacobs TOBIN

Originated By	Drawn By	Checked By	Approved By
EG	AL	SM	SW
Date	Date	Date	Date
04.03.25	01.12.25	01.12.25	01.12.25

Scale: AS SHOWN @ A1 — FINAL

Project Title
WATER SUPPLY PROJECT
EASTERN AND MIDLANDS REGION

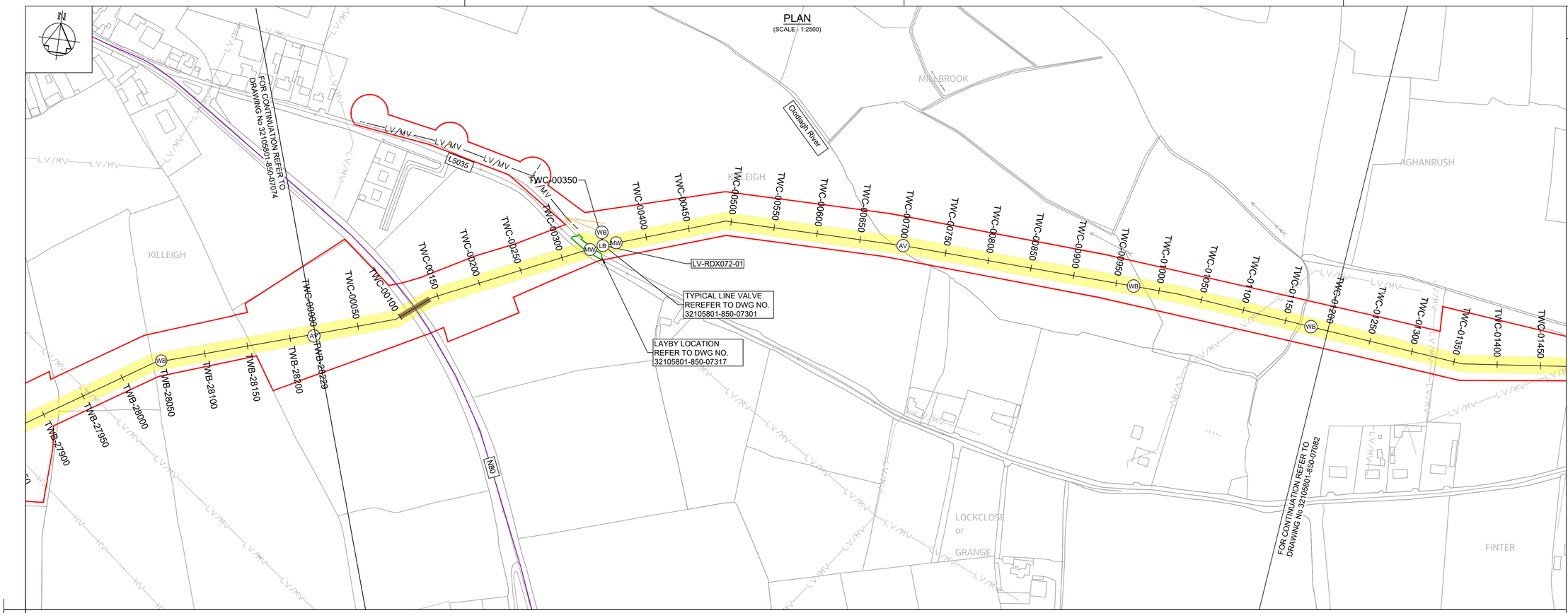
Drawing Title
GRAVITY PIPELINE SECTION C
KEY PLAN
SHEET 1 OF 1

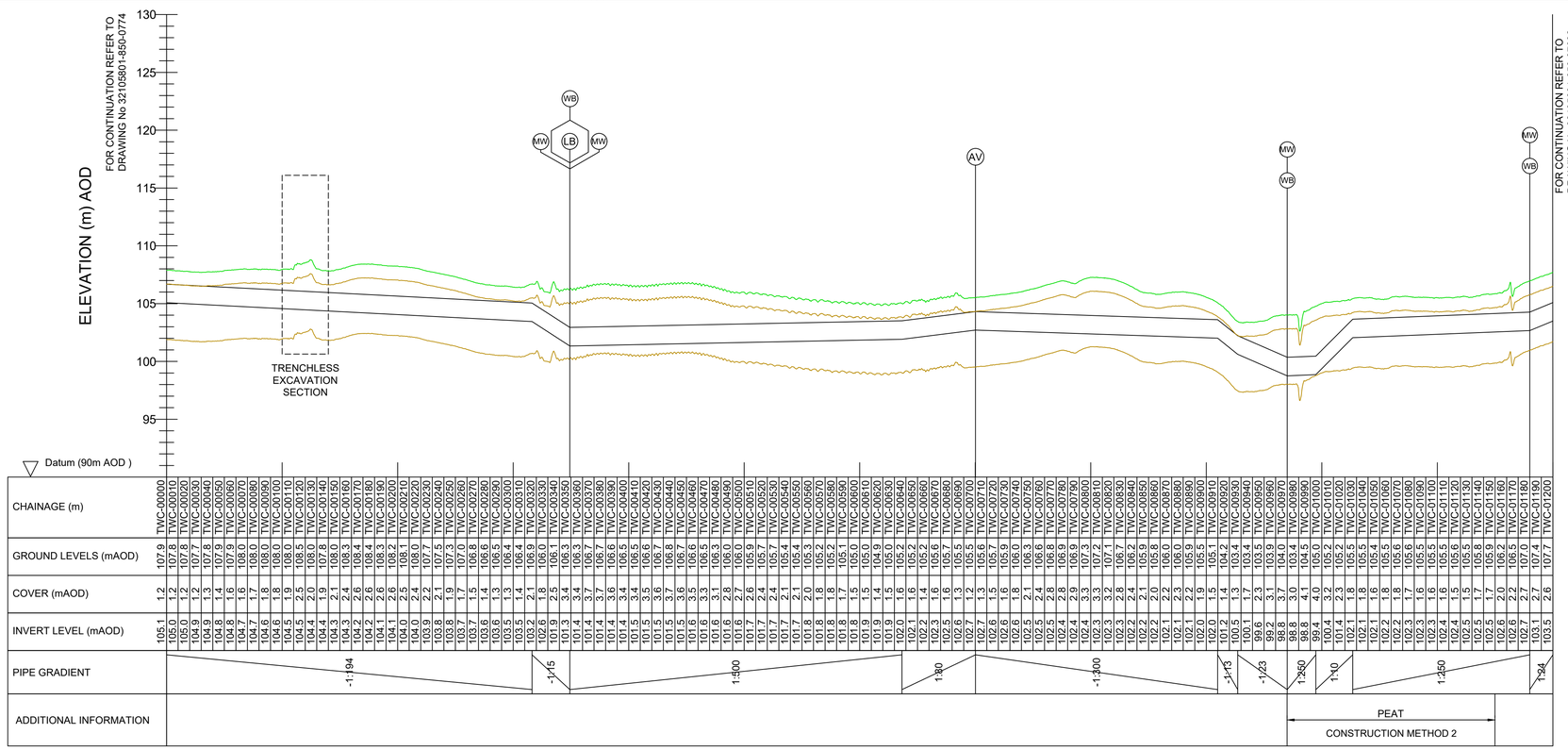
Drawing Status: FINAL FOR PLANNING
Jacobs Tobin No. 32105801 | Client No. 9318

Drawing No.
32105801-850-07080

21.11.2025 08:32:41

PLAN
(SCALE - 1:2500)





LONGITUDINAL SECTION
(SCALE - Hor 1:2500, Ver 1:250)

SCALE 1 : 2500 (0 50 100 150 200 250 m)

SCALE 1 : 250 (0 5 10 15 20 25 m)

Original Size A1

Notes:
1. This drawing is not to be scaled, figured dimensions only to be taken.
2. All dimensions are in metres and all levels are A.O.D. Malin Head unless otherwise stated.
3. The pipeline horizontal and vertical alignment are subject to further design development but any change to this will be subject to the limits and conditions detailed in this planning submission.
4. The design is based on a nominal 1.6m diameter pipeline.
5. The location of existing services are based on information provided by the service provider. The actual locations are to be verified in the field.
6. The Method of working in peat is related to the anticipated depth of the peat layer - see EIAR Appendix A5.2.
7. A MW access point is provided either side of every LV and at every AV. For MWs at WOs see the valve schedule.

PLAN LEGEND:
- Planning Application Boundary
- Proposed Pipe Centreline
- Indicative Proposed Wayleave
- Proposed Trenchless Excavation Section
- Proposed Construction Compounds or Pipe Storage Depot
- Permanent Wayleave for Existing 1200 Dia Main
- Proposed Haul Road
- Existing Electric Overhead Powerline, Low/Medium Voltage
- Existing Electric Overhead Powerline, High Voltage
- Existing Water Mains
- Existing Gas Mains
- Existing Foul Sewers
- Proposed Electric Overhead Powerlines
- Proposed power poles - line valve feed
- Proposed Underground Earth Cable
- Proposed Underground Line
- Proposed Stay Wire
- Proposed Permanent Layby
- Proposed Water Main Connection
- Proposed Electric Overhead Powerline Diversion
- Proposed Future Takeoff Point
- (AV) Proposed Air Valve
- (WA) Proposed Washout with outfall
- (WB) Proposed Washout without outfall
- (LA) (LB) (LC) (LD) Proposed Line Valve
- (MW) Proposed Manway
- Proposed Washout Outfall Connection/Headwall Location

PEOP Proposed Electrical Overhead Powerline
POHL Proposed Overhead Line

PROFILE
- Existing Ground Level
- Proposed Pipeline
- Minimum Cover Level (1.2 m) and Maximum Invert Level (6.0 m)

OSI Sheet No's:
3546-A, 3546-B, 3546-C, 3546.

Rev	Description	Drawn	Chk'd	App'd.	Date
F02	FINAL FOR PLANNING	AL/PL/KP	MG	SW	Dec. 2025
F01	FINAL FOR PLANNING	AL/PL/KP	MG	SW	Dec. 2025

Uisce Éireann Irish Water
Tionscadal Soláthair Uisce Water Supply Project
UISCE ÉIREANN
COLVILL HOUSE,
TALBOT STREET,
DUBLIN 1,
IRELAND
Call 1890 278 278
Int: 00 353 1 707 2828

Jacobs TOBIN

Originated By	Drawn By	Checked By	Approved By
JB	MVS	HG	SPM
Date 28.09.18	Date 01.12.2025	Date 01.12.2025	Date 01.12.2025

Scale: AS SHOWN @ A1

FINAL

Project Title
WATER SUPPLY PROJECT
EASTERN AND MIDLANDS REGION

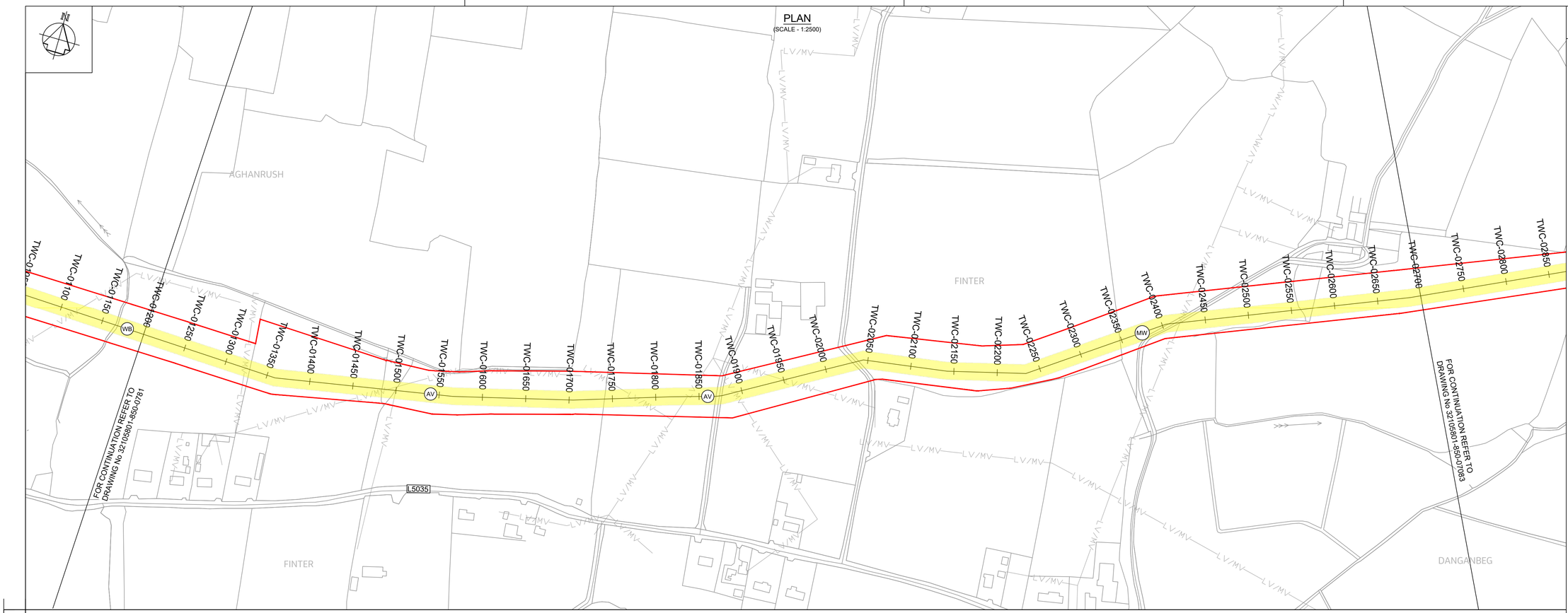
Drawing Title
GRAVITY PIPELINE SECTION C
PLAN AND LONGITUDINAL SECTION
SHEET 1 OF 17

Drawing Status: FINAL FOR PLANNING
Jacobs Tobin No. 32105801 | Client No. 9318

Drawing No.
32105801-850-07081

21.11.2025 08:33:45

PLAN
(SCALE - 1:2500)



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Original Size
A1

Notes:
1. This drawing is not to be scaled, figured dimensions only to be taken.
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- G Existing Gas Mains
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- LV/MV Proposed Electric Overhead Powerlines
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- Proposed Permanent Layby
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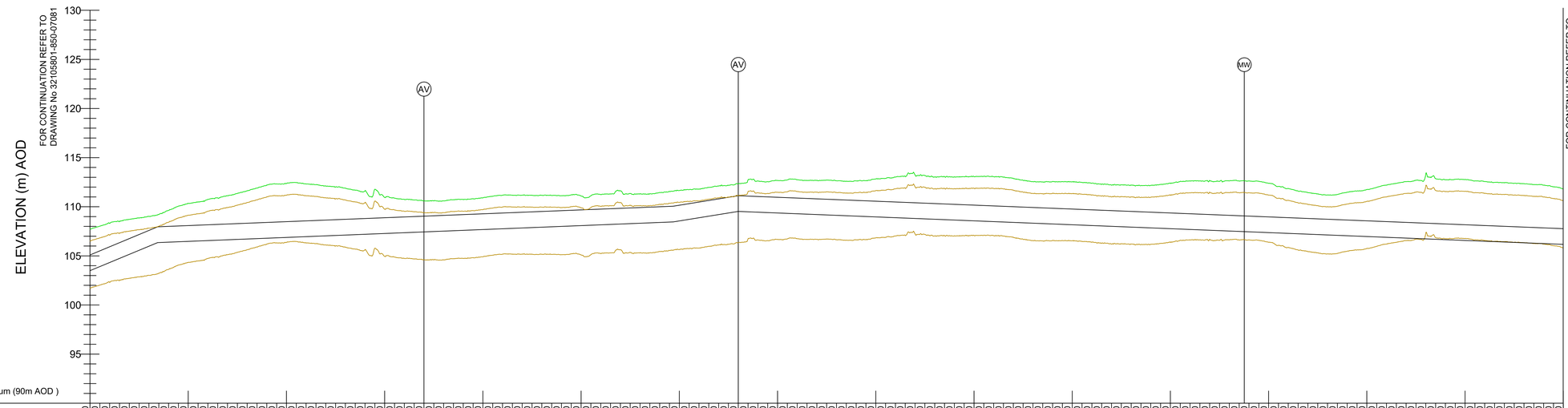
- Proposed Future Takeoff Point
- (AV) Proposed Air Valve
- (WA) Proposed Washout with outfall
- (WB) Proposed Washout without outfall
- (LA) (LB) (LC) (LD) Proposed Line Valve
- (MW) Proposed Manway
- Proposed Washout Outfall Connection/Headwall Location

PEOP Proposed Electrical Overhead Powerline
POHL Proposed Overhead Line

PROFILE
- Existing Ground Level
- Proposed Pipeline
- Minimum Cover Level (1.2 m) and Maximum Invert Level (6.0 m)

OSI Sheet No's:
3546, 3546-B.



Datum (90m AOD)

CHAINAGE (m)	GROUND LEVELS (mAOD)	COVER (mAOD)	INVERT LEVEL (mAOD)
TWC-01200	107.7	2.6	103.5
TWC-01210	108.0	2.5	103.9
TWC-01220	108.5	2.4	104.3
TWC-01230	108.5	2.1	104.7
TWC-01240	108.7	2.0	105.2
TWC-01250	108.9	1.7	105.6
TWC-01260	109.0	1.4	106.0
TWC-01270	109.2	1.3	106.4
TWC-01280	109.6	1.6	106.4
TWC-01290	110.1	2.0	106.4
TWC-01300	110.5	2.3	106.5
TWC-01310	110.5	2.4	106.6
TWC-01320	110.7	2.6	106.6
TWC-01330	110.9	2.7	106.6
TWC-01340	111.1	2.9	106.6
TWC-01350	111.4	3.1	106.7
TWC-01360	111.6	3.3	106.7
TWC-01370	111.9	3.5	106.8
TWC-01380	112.3	3.8	106.8
TWC-01390	112.3	3.9	106.8
TWC-01400	112.4	3.9	106.9
TWC-01410	112.5	3.9	106.9
TWC-01420	112.3	3.8	107.0
TWC-01430	112.2	3.6	107.0
TWC-01440	112.1	3.5	107.0
TWC-01450	112.0	3.3	107.1
TWC-01460	111.9	3.2	107.1
TWC-01470	111.7	2.9	107.2
TWC-01480	111.6	2.8	107.2
TWC-01490	111.8	2.9	107.2
TWC-01500	111.0	2.1	107.3
TWC-01510	110.9	2.0	107.3
TWC-01520	110.7	1.8	107.4
TWC-01530	110.7	1.7	107.4
TWC-01540	110.6	1.6	107.4
TWC-01550	110.6	1.5	107.5
TWC-01560	110.6	1.5	107.5
TWC-01570	110.7	1.6	107.6
TWC-01580	110.7	1.5	107.6
TWC-01590	110.8	1.6	107.6
TWC-01600	110.9	1.6	107.7
TWC-01610	111.1	1.7	107.7
TWC-01620	111.2	1.8	107.8
TWC-01630	111.2	1.8	107.8
TWC-01640	111.2	1.7	107.8
TWC-01650	111.2	1.7	107.9
TWC-01660	111.2	1.6	107.9
TWC-01670	111.2	1.6	107.9
TWC-01680	111.1	1.5	108.0
TWC-01690	111.2	1.6	108.0
TWC-01700	111.2	1.6	108.0
TWC-01710	111.1	1.4	108.1
TWC-01720	111.2	1.5	108.2
TWC-01730	111.3	1.5	108.2
TWC-01740	111.6	1.8	108.2
TWC-01750	111.4	1.5	108.3
TWC-01760	111.3	1.4	108.4
TWC-01770	111.3	1.4	108.4
TWC-01780	111.4	1.5	108.4
TWC-01790	111.6	1.5	108.6
TWC-01800	111.6	1.5	108.6
TWC-01810	111.7	1.4	108.7
TWC-01820	111.8	1.3	108.9
TWC-01830	112.0	1.3	109.0
TWC-01840	112.1	1.3	109.2
TWC-01850	112.2	1.2	109.4
TWC-01860	112.2	1.2	109.4
TWC-01870	112.7	1.7	109.5
TWC-01880	112.6	1.6	109.4
TWC-01890	112.6	1.5	109.4
TWC-01900	112.7	1.7	109.4
TWC-01910	112.7	1.8	109.3
TWC-01920	112.8	1.9	109.3
TWC-01930	112.7	1.8	109.2
TWC-01940	112.7	1.9	109.2
TWC-01950	112.7	1.9	109.2
TWC-01960	112.6	1.9	109.1
TWC-01970	112.6	1.9	109.1
TWC-01980	112.6	2.0	109.0
TWC-01990	112.7	2.0	109.0
TWC-02000	112.8	2.3	109.0
TWC-02010	112.9	2.4	108.9
TWC-02020	113.0	2.5	108.9
TWC-02030	113.1	2.6	108.8
TWC-02040	113.2	2.8	108.8
TWC-02050	113.2	2.8	108.8
TWC-02060	113.0	2.7	108.8
TWC-02070	113.1	2.8	108.7
TWC-02080	113.0	2.8	108.6
TWC-02090	113.0	2.8	108.6
TWC-02100	113.1	2.9	108.6
TWC-02110	113.1	3.0	108.5
TWC-02120	113.1	3.0	108.5
TWC-02130	113.0	3.0	108.5
TWC-02140	112.9	2.9	108.4
TWC-02150	112.7	2.7	108.4
TWC-02160	112.6	2.6	108.3
TWC-02170	112.5	2.6	108.3
TWC-02180	112.5	2.7	108.2
TWC-02190	112.6	2.7	108.2
TWC-02200	112.5	2.8	108.2
TWC-02210	112.5	2.7	108.1
TWC-02220	112.4	2.7	108.1
TWC-02230	112.3	2.6	108.0
TWC-02240	112.2	2.6	108.0
TWC-02250	112.2	2.7	108.0
TWC-02260	112.2	2.7	107.9
TWC-02270	112.2	2.7	107.9
TWC-02280	112.2	2.7	107.8
TWC-02290	112.3	2.9	107.8
TWC-02300	112.4	3.0	107.8
TWC-02310	112.6	3.3	107.7
TWC-02320	112.6	3.3	107.7
TWC-02330	112.6	3.4	107.6
TWC-02340	112.6	3.5	107.5
TWC-02350	112.6	3.4	107.5
TWC-02360	112.6	3.5	107.5
TWC-02370	112.6	3.5	107.5
TWC-02380	112.6	3.6	107.4
TWC-02390	112.6	3.6	107.4
TWC-02400	112.4	3.4	107.4
TWC-02410	112.1	3.1	107.3
TWC-02420	111.9	3.0	107.2
TWC-02430	111.6	2.8	107.2
TWC-02440	111.4	2.6	107.2
TWC-02450	111.3	2.5	107.2
TWC-02460	111.2	2.5	107.1
TWC-02470	111.3	2.6	107.1
TWC-02480	111.5	2.8	107.0
TWC-02490	111.6	3.0	107.0
TWC-02500	112.0	3.2	107.0
TWC-02510	112.2	3.5	106.9
TWC-02520	112.2	3.7	106.9
TWC-02530	112.4	3.9	106.8
TWC-02540	112.6	4.1	106.8
TWC-02550	112.7	4.3	106.8
TWC-02560	113.3	5.0	106.7
TWC-02570	112.9	4.6	106.7
TWC-02580	112.5	4.5	106.7
TWC-02590	112.6	4.6	106.6
TWC-02600	112.8	4.6	106.6
TWC-02610	112.6	4.5	106.5
TWC-02620	112.6	4.5	106.5
TWC-02630	112.5	4.5	106.5
TWC-02640	112.4	4.4	106.4
TWC-02650	112.4	4.4	106.4
TWC-02660	112.4	4.4	106.4
TWC-02670	112.3	4.4	106.3
TWC-02680	112.2	4.3	106.2
TWC-02690	112.0	4.2	106.2
TWC-02700	111.8	4.0	106.2

PIPE GRADIENT: 1:24 | 1:250 | 1:82 | 1:250

ADDITIONAL INFORMATION: SHALLOW BEDROCK

LONGITUDINAL SECTION
(SCALE - Hor 1:2500, Ver 1:250)

0 50 100 150 200 250 m
SCALE 1 : 2500

0 5 10 15 20 25 m
SCALE 1 : 250

F02	FINAL FOR PLANNING	AL/PL/KP	MG	SW	Dec. 2025
F01	FINAL FOR PLANNING	AL/PL/KP	MG	SW	Dec. 2025
Rev	Description	Drawn	Chk'd	App'd.	Date

Uisce Éireann
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UISCE ÉIREANN
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Call 1890 278 278
Int: 00 353 1 707 2828

Jacobs TOBIN

Originated By	Drawn By	Checked By	Approved By
JB	MVS	HG	SPM
Date 28.09.18	Date 01.12.2025	Date 01.12.2025	Date 01.12.2025

Scale: AS SHOWN @ A1

FINAL

Project Title
WATER SUPPLY PROJECT
EASTERN AND MIDLANDS REGION

Drawing Title
GRAVITY PIPELINE SECTION C
PLAN AND LONGITUDINAL SECTION
SHEET 2 OF 17

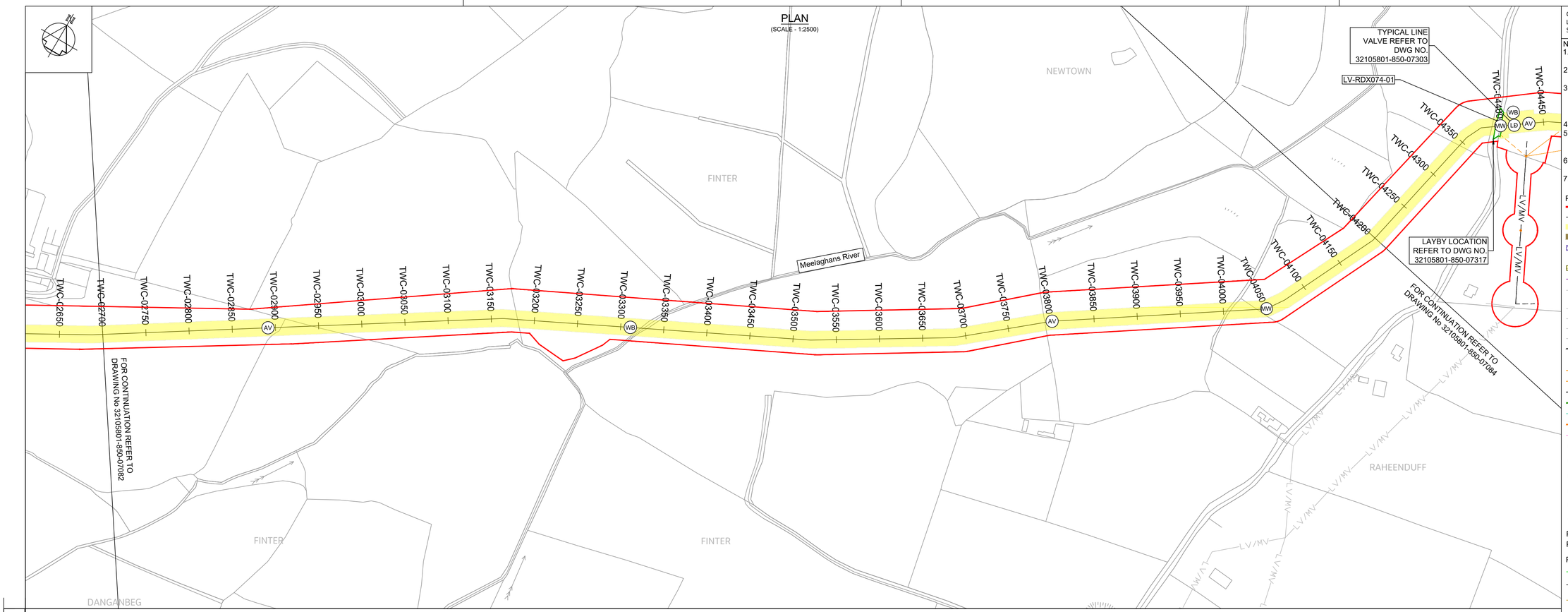
Drawing Status: FINAL FOR PLANNING

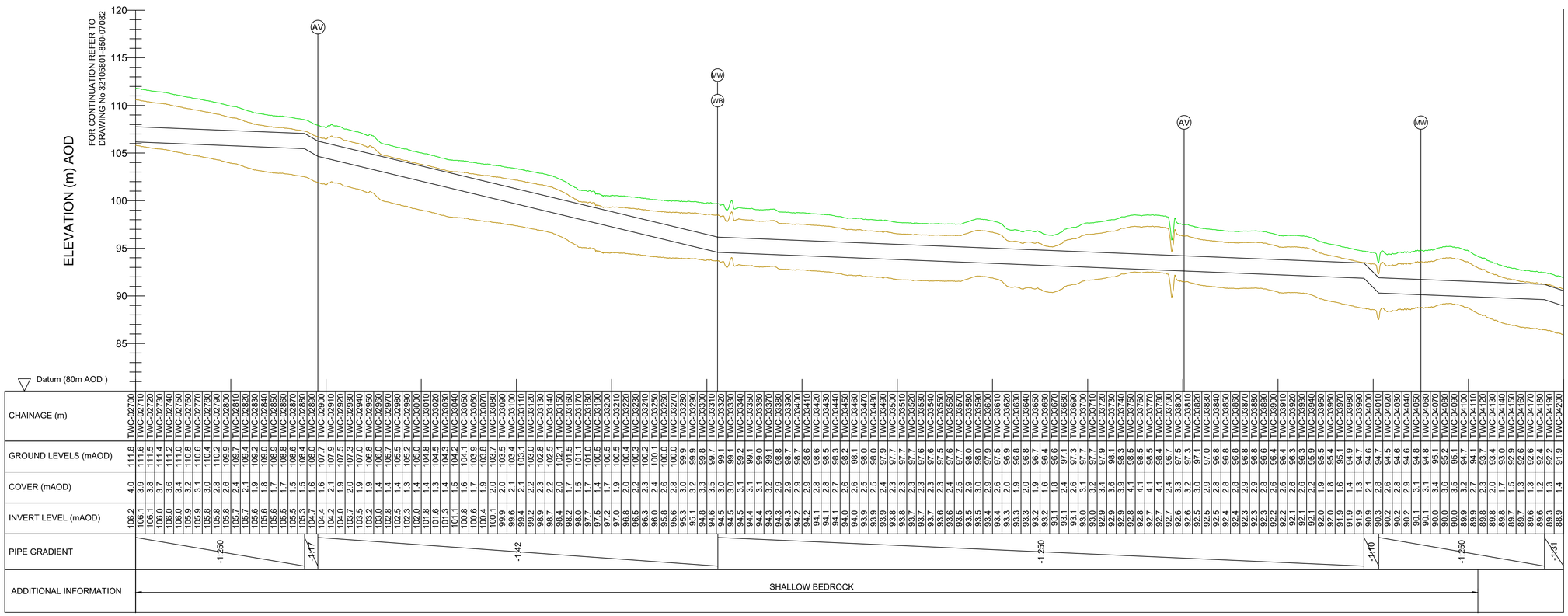
Jacobs Tobin No. 32105801 | Client No. 9318

Drawing No.
32105801-850-07082

21.11.2025 08:34:23

PLAN
(SCALE - 1:2500)





CHAINAGE (m)	GROUND LEVELS (mAOD)	COVER (mAOD)	INVERT LEVEL (mAOD)
TWC-02700	111.8	4.0	106.2
TWC-02710	111.6	3.9	106.1
TWC-02720	111.5	3.8	106.1
TWC-02730	111.4	3.7	106.0
TWC-02740	111.2	3.6	106.0
TWC-02750	111.0	3.4	106.0
TWC-02760	110.8	3.2	105.9
TWC-02770	110.6	3.1	105.9
TWC-02780	110.5	2.8	105.8
TWC-02790	110.2	2.8	105.8
TWC-02800	109.9	2.6	105.8
TWC-02810	109.7	2.4	105.7
TWC-02820	109.4	2.1	105.7
TWC-02830	109.2	1.9	105.6
TWC-02840	109.0	1.8	105.6
TWC-02850	108.9	1.7	105.6
TWC-02860	108.9	1.7	105.6
TWC-02870	108.6	1.5	105.5
TWC-02880	108.4	1.5	105.3
TWC-02890	108.0	1.6	104.7
TWC-02900	107.7	1.6	104.4
TWC-02910	107.9	2.1	104.2
TWC-02920	107.5	1.9	104.0
TWC-02930	107.3	2.0	103.7
TWC-02940	107.0	1.9	103.5
TWC-02950	106.8	1.9	103.5
TWC-02960	106.6	1.4	103.0
TWC-02970	106.7	1.4	102.8
TWC-02980	105.5	1.4	102.5
TWC-02990	105.2	1.3	102.3
TWC-03000	105.0	1.4	102.0
TWC-03010	104.8	1.4	101.8
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TWC-03030	104.3	1.4	101.3
TWC-03040	104.2	1.5	101.1
TWC-03050	104.1	1.6	100.8
TWC-03060	103.9	1.7	100.6
TWC-03070	103.8	1.9	100.4
TWC-03080	103.7	2.0	100.1
TWC-03090	103.5	2.0	99.9
TWC-03100	103.1	2.1	99.4
TWC-03110	103.1	2.1	99.4
TWC-03120	103.0	2.2	99.2
TWC-03130	102.8	2.3	98.9
TWC-03140	102.5	2.2	98.7
TWC-03150	102.1	2.0	98.4
TWC-03160	101.5	1.7	98.2
TWC-03170	101.1	1.5	98.0
TWC-03180	101.0	1.5	98.0
TWC-03190	100.5	1.4	97.5
TWC-03200	100.5	1.7	97.2
TWC-03210	100.5	1.9	97.0
TWC-03220	100.4	2.0	96.8
TWC-03230	100.3	2.2	96.5
TWC-03240	100.2	2.3	96.3
TWC-03250	100.1	2.4	96.0
TWC-03260	100.0	2.8	95.6
TWC-03270	99.9	3.0	95.3
TWC-03280	99.9	3.2	95.1
TWC-03290	99.8	3.3	94.8
TWC-03300	99.7	3.5	94.6
TWC-03310	99.1	3.0	94.5
TWC-03320	99.1	3.0	94.5
TWC-03330	98.9	3.1	94.4
TWC-03340	98.4	3.1	94.4
TWC-03350	99.1	3.2	94.3
TWC-03360	99.0	3.1	94.3
TWC-03370	99.1	3.2	94.3
TWC-03380	98.8	2.9	94.3
TWC-03390	98.7	2.9	94.2
TWC-03400	98.7	2.9	94.2
TWC-03410	98.6	2.9	94.2
TWC-03420	98.5	2.8	94.1
TWC-03430	98.5	2.8	94.1
TWC-03440	98.3	2.7	94.0
TWC-03450	98.2	2.6	94.0
TWC-03460	98.1	2.6	94.0
TWC-03470	98.0	2.6	94.0
TWC-03480	98.0	2.5	93.9
TWC-03490	97.9	2.4	93.9
TWC-03500	97.7	2.3	93.8
TWC-03510	97.7	2.3	93.7
TWC-03520	97.7	2.3	93.7
TWC-03530	97.6	2.3	93.7
TWC-03540	97.6	2.3	93.7
TWC-03550	97.5	2.3	93.6
TWC-03560	97.6	2.4	93.6
TWC-03570	97.7	2.5	93.5
TWC-03580	97.7	2.6	93.5
TWC-03590	98.0	2.9	93.5
TWC-03600	97.9	2.9	93.4
TWC-03610	97.5	2.6	93.4
TWC-03620	96.9	2.0	93.3
TWC-03630	96.8	2.0	93.3
TWC-03640	96.8	2.0	93.3
TWC-03650	96.7	1.9	93.2
TWC-03660	96.4	1.8	93.1
TWC-03670	96.6	1.8	93.1
TWC-03680	97.1	2.4	93.1
TWC-03690	97.3	2.6	93.1
TWC-03700	97.7	3.1	93.0
TWC-03710	97.7	3.2	93.0
TWC-03720	97.9	3.4	92.9
TWC-03730	98.1	3.6	92.9
TWC-03740	98.3	3.9	92.8
TWC-03750	98.5	4.1	92.8
TWC-03760	98.5	4.1	92.7
TWC-03770	98.5	4.1	92.7
TWC-03780	98.4	4.1	92.7
TWC-03790	98.2	3.9	92.7
TWC-03800	97.5	3.3	92.6
TWC-03810	97.3	3.2	92.6
TWC-03820	97.1	3.0	92.5
TWC-03830	97.0	2.9	92.5
TWC-03840	96.8	2.8	92.4
TWC-03850	96.8	2.8	92.4
TWC-03860	96.8	2.8	92.4
TWC-03870	96.8	2.9	92.3
TWC-03880	96.8	2.9	92.3
TWC-03890	96.6	2.8	92.3
TWC-03900	96.4	2.6	92.2
TWC-03910	96.3	2.6	92.1
TWC-03920	96.3	2.6	92.1
TWC-03930	96.3	2.6	92.1
TWC-03940	95.9	2.2	92.1
TWC-03950	95.5	1.9	92.0
TWC-03960	95.4	1.8	92.0
TWC-03970	95.1	1.6	91.9
TWC-03980	94.9	1.4	91.9
TWC-03990	94.7	1.3	91.9
TWC-04000	94.6	2.1	90.9
TWC-04010	94.7	2.8	90.9
TWC-04020	94.5	2.6	90.2
TWC-04030	94.6	2.8	90.2
TWC-04040	94.6	2.9	90.2
TWC-04050	94.8	3.1	90.1
TWC-04060	94.9	3.4	90.1
TWC-04070	95.1	3.5	90.0
TWC-04080	95.2	3.6	90.0
TWC-04090	95.1	3.5	90.0
TWC-04100	94.7	3.2	89.9
TWC-04110	94.1	2.7	89.9
TWC-04120	93.7	2.3	89.8
TWC-04130	93.4	2.0	89.8
TWC-04140	92.9	1.5	89.7
TWC-04150	92.6	1.3	89.6
TWC-04160	92.6	1.3	89.6
TWC-04170	92.6	1.3	89.6
TWC-04180	92.4	1.2	89.6
TWC-04190	92.2	1.3	89.3
TWC-04200	91.9	1.4	88.9

LONGITUDINAL SECTION
(SCALE - Hor 1:2500, Ver 1:250)

0 50 100 150 200 250 m
SCALE 1 : 2500

0 5 10 15 20 25 m
SCALE 1 : 250

Original Size
A1

Notes:
1. This drawing is not to be scaled, figured dimensions only to be taken.
2. All dimensions are in metres and all levels are A.O.D. Malin Head unless otherwise stated.
3. The pipeline horizontal and vertical alignment are subject to further design development but any change to this will be subject to the limits and conditions detailed in this planning submission.
4. The design is based on a nominal 1.6m diameter pipeline.
5. The location of existing services are based on information provided by the service provider. The actual locations are to be verified in the field.
6. The Method of working in peat is related to the anticipated depth of the peat layer - see EIAR Appendix A5.2.
7. A MW access point is provided either side of every LV and at every AV. For MWs at WOs see the valve schedule.

PLAN LEGEND:
- Planning Application Boundary
- Proposed Pipe Centreline
- Indicative Proposed Wayleave
- Proposed Trenchless Excavation Section
- Proposed Construction Compounds or Pipe Storage Depot
- Permanent Wayleave for Existing 1200 Dia Main
- Proposed Haul Road
- LV/MV Existing Electric Overhead Powerline, Low/Medium Voltage
- HV Existing Electric Overhead Powerline, High Voltage
- W Existing Water Mains
- G Existing Gas Mains
- F Existing Foul Sewers
- LV/MV Proposed Electric Overhead Powerlines
- Proposed power poles - line valve feed
- Proposed Underground Earth Cable
- Proposed Underground Line
- Proposed Stay Wire
- Proposed Permanent Layby
- Proposed Water Main Connection
- Proposed Electric Overhead Powerline Diversion
- Proposed Future Takeoff Point
- (AV) Proposed Air Valve
- (WA) Proposed Washout with outfall
- (WB) Proposed Washout without outfall
- (LA) (LB) (LC) (LD) Proposed Line Valve
- (MW) Proposed Manway
- Proposed Washout Outfall Connection/Headwall Location

PEOP Proposed Electrical Overhead Powerline
POHL Proposed Overhead Line

PROFILE
- Existing Ground Level
- Proposed Pipeline
- Minimum Cover Level (1.2 m) and Maximum Invert Level (6.0 m)

OSI Sheet No's:
3546-B, 3547, 3497.

Rev	Description	Drawn	Chk'd	App'd.	Date
F02	FINAL FOR PLANNING	AL/PL/KP	MG	SW	Dec. 2025
F01	FINAL FOR PLANNING	AL/PL/KP	MG	SW	Dec. 2025

Uisce Éireann
Irish Water
Tionscadal Soláthair Uisce
Water Supply Project

UISCE ÉIREANN
COLVILL HOUSE,
TALBOT STREET,
DUBLIN 1,
IRELAND

Call 1890 278 278
Int: 00 353 1 707 2828

Jacobs TOBIN

Originated By	Drawn By	Checked By	Approved By
JB	MVS	HG	SPM
Date 28.09.18	Date 01.12.2025	Date 01.12.2025	Date 01.12.2025

Scale: AS SHOWN @ A1

FINAL

Project Title
WATER SUPPLY PROJECT
EASTERN AND MIDLANDS REGION

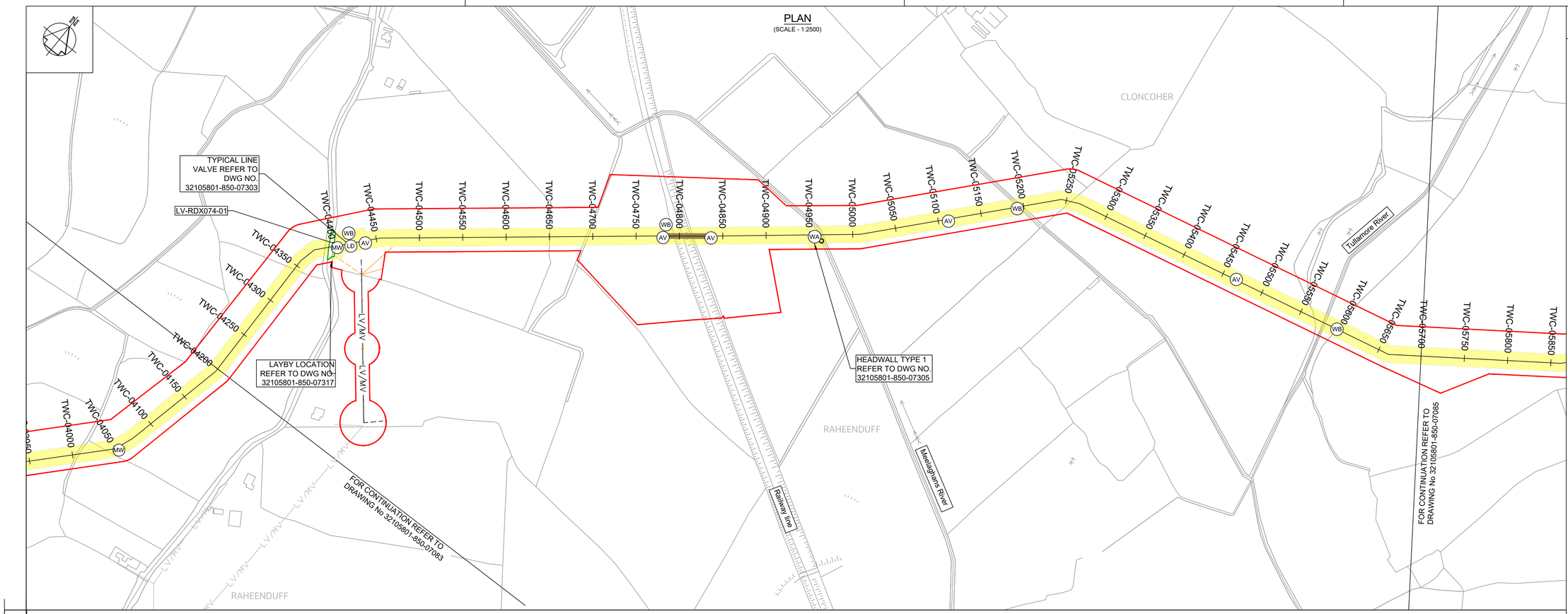
Drawing Title
GRAVITY PIPELINE SECTION C
PLAN AND LONGITUDINAL SECTION
SHEET 3 OF 17

Drawing Status: FINAL FOR PLANNING
Jacobs Tobin No. 32105801 | Client No. 9318

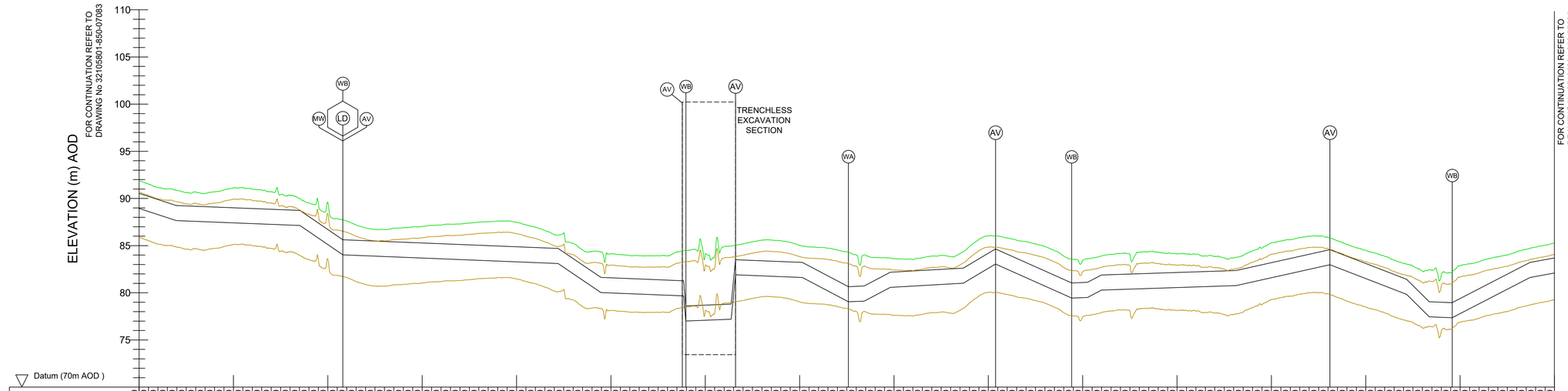
Drawing No.
32105801-850-07083

21.11.2025 08:34:58

PLAN
(SCALE - 1:2500)



ELEVATION (m) AOD



Datum (70m AOD)

CHAINAGE (m)	GROUND LEVELS (mAOD)	COVER (mAOD)	INVERT LEVEL (mAOD)	PIPE GRADIENT	ADDITIONAL INFORMATION
TWC-04200	91.9	1.4	88.9		
TWC-04210	91.5	1.3	88.6	-1:31	
TWC-04220	91.2	1.3	88.3		
TWC-04230	91.0	1.4	88.0		
TWC-04240	90.8	1.6	87.7		
TWC-04250	90.6	1.4	87.6	-1:250	
TWC-04260	90.7	1.5	87.5		
TWC-04270	90.5	1.4	87.5		
TWC-04280	90.7	1.6	87.5		
TWC-04290	90.9	1.9	87.5		
TWC-04300	91.1	2.1	87.4		
TWC-04310	91.1	2.2	87.4		
TWC-04320	91.0	2.1	87.3		
TWC-04330	90.7	1.9	87.3		
TWC-04340	90.4	1.6	87.2		
TWC-04350	90.4	1.6	87.1		
TWC-04360	90.0	1.3	86.5		
TWC-04370	89.5	1.5	85.8		
TWC-04380	88.5	1.3	85.1		
TWC-04390	87.8	2.9	84.4		
TWC-04400	88.0	2.8	85.1		
TWC-04410	87.8	2.0	84.0	-1:15	
TWC-04420	87.2	1.6	84.0		
TWC-04430	87.2	1.6	84.0		
TWC-04440	86.9	1.3	83.9		
TWC-04450	86.7	1.2	83.9		
TWC-04460	86.7	1.3	83.9		
TWC-04470	86.8	1.4	83.8		
TWC-04480	86.9	1.5	83.8		
TWC-04490	87.0	1.7	83.7		
TWC-04500	87.2	1.9	83.6		
TWC-04510	87.2	2.0	83.6		
TWC-04520	87.2	2.1	83.6	-1:250	
TWC-04530	87.2	2.2	83.5		
TWC-04540	87.3	2.2	83.5		
TWC-04550	87.4	2.3	83.4		
TWC-04560	87.5	2.5	83.4		
TWC-04570	87.6	2.7	83.4		
TWC-04580	87.6	2.7	83.3		
TWC-04590	87.6	2.7	83.3		
TWC-04600	87.5	2.6	83.2		
TWC-04610	87.5	2.4	83.2		
TWC-04620	87.0	2.2	83.2		
TWC-04630	86.6	1.8	83.2		
TWC-04640	86.2	1.4	83.1		
TWC-04650	86.4	2.0	82.7		
TWC-04660	86.3	1.6	82.7		
TWC-04670	84.6	1.6	82.7		
TWC-04680	84.4	2.1	82.3		
TWC-04690	84.3	2.7	82.0		
TWC-04700	84.1	2.5	82.0		
TWC-04710	84.1	2.5	82.0		
TWC-04720	83.9	2.4	81.9		
TWC-04730	83.9	2.5	81.9		
TWC-04740	83.9	2.5	81.9		
TWC-04750	83.9	2.5	81.9		
TWC-04760	83.9	2.6	81.8		
TWC-04770	84.4	3.0	81.8		
TWC-04780	84.5	5.9	81.8		
TWC-04790	84.6	5.9	81.8		
TWC-04800	84.0	5.3	81.8		
TWC-04810	84.0	6.1	81.8		
TWC-04820	84.9	6.1	81.8		
TWC-04830	85.0	3.6	81.8	1:250	
TWC-04840	85.2	1.7	81.9		
TWC-04850	85.4	2.0	81.8		
TWC-04860	85.6	2.2	81.8		
TWC-04870	85.6	2.2	81.8		
TWC-04880	85.5	2.2	81.7		
TWC-04890	85.3	2.1	81.6		
TWC-04900	85.0	1.8	81.6		
TWC-04910	84.9	2.0	81.6		
TWC-04920	84.8	2.0	81.6		
TWC-04930	84.7	2.0	81.6		
TWC-04940	84.5	2.0	81.6		
TWC-04950	84.3	2.0	81.6		
TWC-04960	84.0	2.0	81.6		
TWC-04970	83.7	2.0	81.6		
TWC-04980	83.6	1.9	81.6		
TWC-04990	83.7	2.1	81.6		
TWC-05000	83.6	1.4	81.6		
TWC-05010	83.6	1.3	81.6		
TWC-05020	83.5	1.2	81.6		
TWC-05030	83.7	1.3	81.6		
TWC-05040	83.9	1.4	81.6		
TWC-05050	83.8	1.5	81.6		
TWC-05060	83.8	1.5	81.6		
TWC-05070	84.1	1.6	81.6		
TWC-05080	84.9	1.9	81.4		
TWC-05090	85.6	2.0	81.6		
TWC-05100	86.0	1.5	82.0		
TWC-05110	86.0	1.5	82.0		
TWC-05120	86.8	1.7	82.5		
TWC-05130	86.9	1.9	82.4		
TWC-05140	85.4	2.2	81.6		
TWC-05150	85.2	2.4	81.2		
TWC-05160	84.9	2.6	80.7		
TWC-05170	84.5	2.6	80.3		
TWC-05180	83.9	2.5	79.8		
TWC-05190	83.5	2.5	79.5		
TWC-05200	83.4	2.3	79.5		
TWC-05210	83.3	2.3	79.5		
TWC-05220	83.9	2.2	79.8		
TWC-05230	84.1	2.2	80.3		
TWC-05240	84.2	2.2	80.4		
TWC-05250	84.1	2.1	80.4		
TWC-05260	84.3	2.3	80.4		
TWC-05270	84.3	2.3	80.5		
TWC-05280	84.2	2.3	80.5		
TWC-05290	84.2	2.1	80.5		
TWC-05300	84.2	2.0	80.5		
TWC-05310	84.1	1.9	80.6		
TWC-05320	84.1	1.8	80.6		
TWC-05330	83.9	1.7	80.6		
TWC-05340	83.9	1.6	80.7		
TWC-05350	83.7	1.4	80.7		
TWC-05360	83.7	1.4	80.8		
TWC-05370	83.8	1.4	80.9		
TWC-05380	84.4	1.4	81.0		
TWC-05390	84.7	1.8	81.4		
TWC-05400	85.3	2.1	81.6		
TWC-05410	85.5	2.1	81.6		
TWC-05420	85.6	2.0	81.6		
TWC-05430	85.9	2.0	81.9		
TWC-05440	86.0	1.9	82.0		
TWC-05450	86.0	1.8	82.2		
TWC-05460	85.9	1.7	82.2		
TWC-05470	85.5	1.4	82.1		
TWC-05480	85.1	1.3	81.9		
TWC-05490	84.8	1.3	81.5		
TWC-05500	84.5	1.4	81.1		
TWC-05510	84.2	1.5	80.7		
TWC-05520	83.9	1.5	80.4		
TWC-05530	83.5	1.5	80.3		
TWC-05540	83.5	1.5	80.3		
TWC-05550	82.8	2.1	79.2		
TWC-05560	82.3	2.5	78.2		
TWC-05570	82.4	3.4	77.4		
TWC-05580	81.9	2.9	77.4		
TWC-05590	82.2	3.2	77.4		
TWC-05600	82.9	3.5	77.8		
TWC-05610	83.1	3.2	78.3		
TWC-05620	83.1	2.8	78.3		
TWC-05630	83.6	2.3	79.3		
TWC-05640	83.8	2.3	79.9		
TWC-05650	84.0	2.0	80.4		
TWC-05660	84.4	1.9	80.9		
TWC-05670	84.6	1.6	81.4		
TWC-05680	84.8	1.5	81.7		
TWC-05690	85.1	1.5	81.9		
TWC-05700	85.3	1.6	82.1		
TWC-05750				1:250	
TWC-05800				1:19	
TWC-05850				1:35	

PIPE GRADIENT: -1:250, -1:115, -1:250, -1:115, -1:250, 1:1, 1:250, 1:1, 1:250, -1:19, 1:250, 1:19, 1:176, 1:17, -1:22, 1:250, 1:19, 1:300, 1:45, -1:26, -1:10, 1:250, 1:19, 1:35

LONGITUDINAL SECTION
(SCALE - Hor 1:2500, Ver 1:250)

SCALE 1 : 2500 (0, 50, 100, 150, 200, 250 m)

SCALE 1 : 250 (0, 5, 10, 15, 20, 25 m)

Original Size A1

Notes:
1. This drawing is not to be scaled, figured dimensions only to be taken.
2. All dimensions are in metres and all levels are A.O.D. Malin Head unless otherwise stated.
3. The pipeline horizontal and vertical alignment are subject to further design development but any change to this will be subject to the limits and conditions detailed in this planning submission.
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PLAN LEGEND:
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- Proposed Pipe Centreline
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- W Existing Water Mains
- G Existing Gas Mains
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- Proposed Future Takeoff Point
- (AV) Proposed Air Valve
- (WA) Proposed Washout with outfall
- (WB) Proposed Washout without outfall
- (LA) (LB) (LC) (LD) Proposed Line Valve
- (MW) Proposed Manway
- Proposed Washout Outfall Connection/Headwall Location

PEOP Proposed Electrical Overhead Powerline
POHL Proposed Overhead Line

PROFILE
- Existing Ground Level
- Proposed Pipeline
- Minimum Cover Level (1.2 m) and Maximum Invert Level (6.0 m)

OSI Sheet No's:
3547, 3497.

Rev	Description	Drawn	Chk'd	App'd.	Date
F02	FINAL FOR PLANNING	AL/PL/KP	MG	SW	Dec. 2025
F01	FINAL FOR PLANNING	AL/PL/KP	MG	SW	Dec. 2025

Uisce Éireann Irish Water
Tionscadal Soláthair Uisce Water Supply Project
UISCE ÉIREANN
COLVILL HOUSE,
TALBOT STREET,
DUBLIN 1,
IRELAND
Call 1890 278 278
Int: 00 353 1 707 2828

Jacobs TOBIN

Originated By	Drawn By	Checked By	Approved By
JB	MVS	HG	SPM
Date 28.09.18	Date 01.12.2025	Date 01.12.2025	Date 01.12.2025

Scale: AS SHOWN @ A1 — FINAL

Project Title: WATER SUPPLY PROJECT
EASTERN AND MIDLANDS REGION

Drawing Title: GRAVITY PIPELINE SECTION C
PLAN AND LONGITUDINAL SECTION
SHEET 4 OF 17

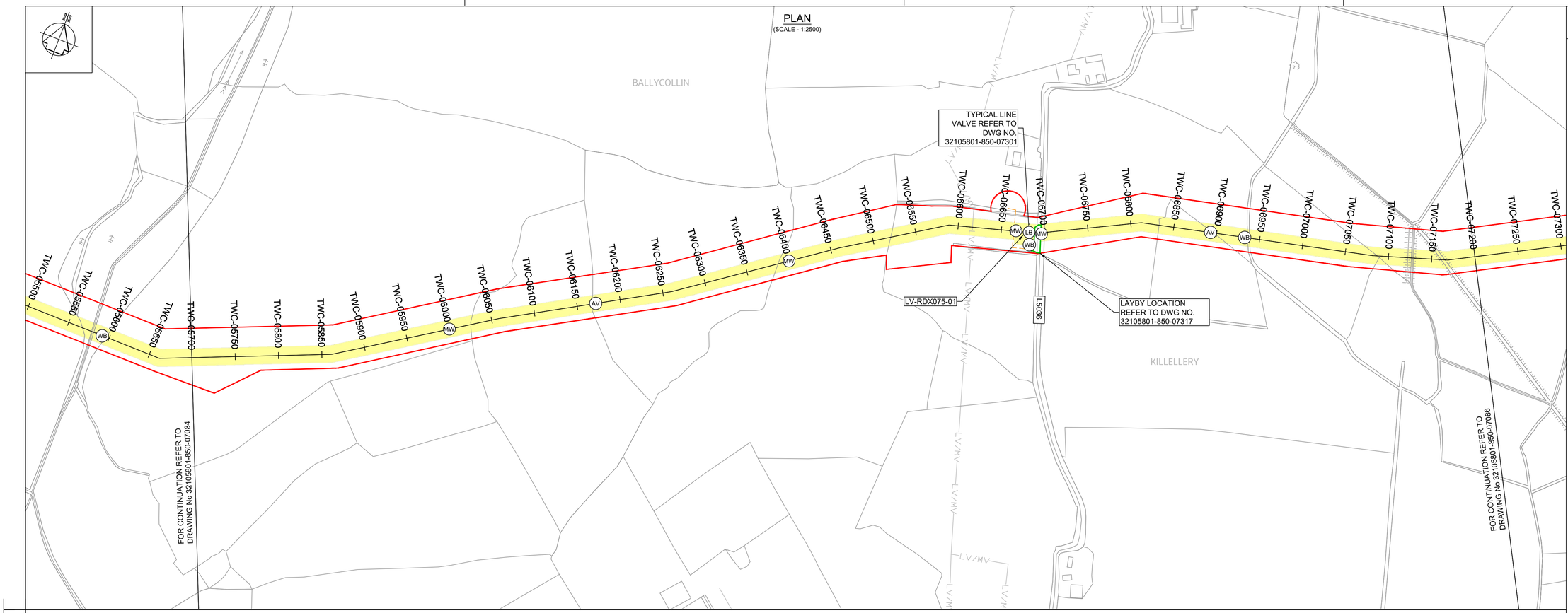
Drawing Status: FINAL FOR PLANNING

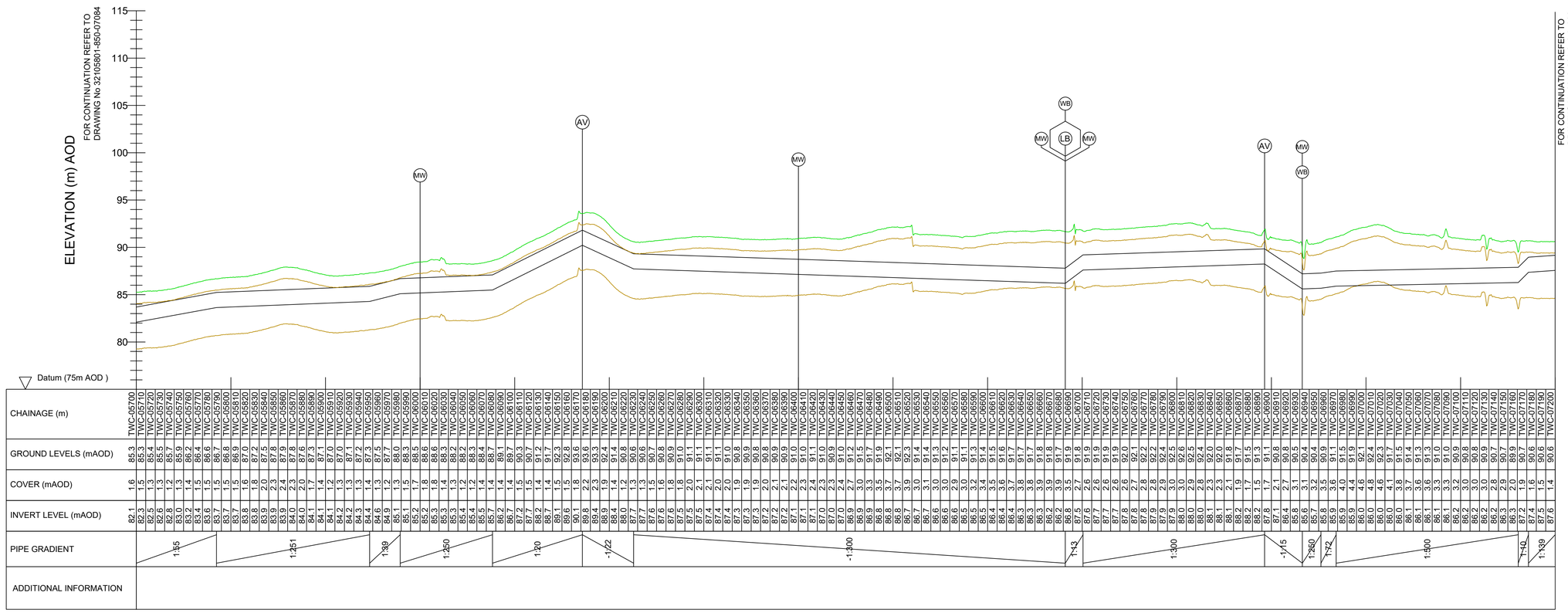
Jacobs Tobin No. 32105801 | Client No. 9318

Drawing No.
32105801-850-07084

21.11.2025 08:35:34

PLAN
(SCALE - 1:2500)





CHAINAGE (m)	GROUND LEVELS (mAOD)	COVER (mAOD)	INVERT LEVEL (mAOD)	PIPE GRADIENT
TWC-05700	85.3	1.6	82.1	
TWC-05710	85.3	1.5	82.3	
TWC-05720	85.4	1.3	82.5	
TWC-05730	85.5	1.3	82.6	
TWC-05740	85.7	1.2	82.8	
TWC-05750	85.7	1.3	82.9	
TWC-05760	86.2	1.4	83.2	
TWC-05770	86.4	1.5	83.4	
TWC-05780	86.6	1.5	83.6	
TWC-05790	86.7	1.5	83.7	
TWC-05800	86.8	1.5	83.7	
TWC-05810	86.9	1.5	83.7	
TWC-05820	87.0	1.6	83.8	
TWC-05830	87.0	1.7	83.8	
TWC-05840	87.5	2.0	83.9	
TWC-05850	87.8	2.3	83.9	
TWC-05860	87.9	2.4	83.9	
TWC-05870	87.8	2.3	84.0	
TWC-05880	87.6	2.0	84.0	
TWC-05890	87.3	1.7	84.1	
TWC-05900	87.1	1.4	84.1	
TWC-05910	87.1	1.2	84.1	
TWC-05920	87.0	1.3	84.2	
TWC-05930	87.1	1.3	84.2	
TWC-05940	87.2	1.4	84.3	
TWC-05950	87.3	1.4	84.4	
TWC-05960	87.5	1.3	84.6	
TWC-05970	87.7	1.2	84.9	
TWC-05980	88.0	1.5	85.1	
TWC-05990	88.3	1.5	85.2	
TWC-06000	88.6	1.8	85.2	
TWC-06010	88.6	1.8	85.3	
TWC-06020	88.6	1.8	85.3	
TWC-06030	88.3	1.4	85.3	
TWC-06040	88.2	1.3	85.3	
TWC-06050	88.2	1.2	85.4	
TWC-06060	88.3	1.2	85.4	
TWC-06070	88.4	1.3	85.5	
TWC-06080	88.7	1.4	85.7	
TWC-06090	89.1	1.4	86.2	
TWC-06100	89.7	1.5	86.7	
TWC-06110	90.3	1.5	87.2	
TWC-06120	90.7	1.5	87.2	
TWC-06130	91.2	1.4	87.7	
TWC-06140	91.7	1.4	88.2	
TWC-06150	92.1	1.5	88.7	
TWC-06160	92.8	1.5	89.3	
TWC-06170	93.6	1.8	90.1	
TWC-06180	93.6	2.2	89.8	
TWC-06190	93.3	2.3	89.4	
TWC-06200	92.4	1.9	88.9	
TWC-06210	91.4	1.4	89.4	
TWC-06220	90.8	1.2	88.0	
TWC-06230	90.7	1.3	87.7	
TWC-06240	90.6	1.3	87.6	
TWC-06250	90.7	1.5	87.6	
TWC-06260	90.8	1.6	87.6	
TWC-06270	90.9	1.8	87.6	
TWC-06280	91.0	1.8	87.5	
TWC-06290	91.1	2.0	87.5	
TWC-06300	91.1	2.1	87.4	
TWC-06310	91.1	2.1	87.4	
TWC-06320	91.1	2.0	87.4	
TWC-06330	91.0	1.9	87.3	
TWC-06340	90.8	1.9	87.3	
TWC-06350	90.9	1.9	87.3	
TWC-06360	90.8	2.0	87.2	
TWC-06370	90.8	2.1	87.2	
TWC-06380	90.9	2.1	87.2	
TWC-06390	90.9	2.1	87.1	
TWC-06400	91.0	2.2	87.1	
TWC-06410	91.0	2.3	87.1	
TWC-06420	91.0	2.4	87.1	
TWC-06430	91.0	2.3	87.0	
TWC-06440	90.9	2.3	87.0	
TWC-06450	91.0	2.4	87.0	
TWC-06460	91.2	2.7	86.9	
TWC-06470	91.4	3.0	86.9	
TWC-06480	91.7	3.3	86.9	
TWC-06490	91.9	3.5	86.8	
TWC-06500	92.1	3.7	86.8	
TWC-06510	92.1	3.7	86.8	
TWC-06520	92.3	3.9	86.7	
TWC-06530	92.0	3.6	86.7	
TWC-06540	91.4	3.1	86.7	
TWC-06550	91.2	3.0	86.6	
TWC-06560	91.2	3.0	86.6	
TWC-06570	91.1	2.9	86.6	
TWC-06580	91.1	3.0	86.5	
TWC-06590	91.3	3.2	86.5	
TWC-06600	91.4	3.4	86.4	
TWC-06610	91.5	3.5	86.4	
TWC-06620	91.6	3.6	86.4	
TWC-06630	91.7	3.7	86.3	
TWC-06640	91.7	3.8	86.3	
TWC-06650	91.7	3.8	86.3	
TWC-06660	91.8	3.9	86.3	
TWC-06670	91.8	3.9	86.2	
TWC-06680	91.7	3.9	86.2	
TWC-06690	91.8	3.9	86.2	
TWC-06700	91.9	3.5	86.8	
TWC-06710	91.8	2.7	87.5	
TWC-06720	91.9	2.6	87.7	
TWC-06730	91.9	2.6	87.7	
TWC-06740	91.9	2.6	87.7	
TWC-06750	92.0	2.6	87.8	
TWC-06760	92.1	2.7	87.8	
TWC-06770	92.2	2.8	87.8	
TWC-06780	92.4	2.9	87.9	
TWC-06790	92.5	3.0	87.9	
TWC-06800	92.5	3.0	87.9	
TWC-06810	92.6	3.0	88.0	
TWC-06820	92.5	2.8	88.0	
TWC-06830	92.4	2.8	88.0	
TWC-06840	92.0	2.3	88.1	
TWC-06850	92.0	2.3	88.1	
TWC-06860	91.8	2.1	88.1	
TWC-06870	91.8	2.1	88.2	
TWC-06880	91.5	1.9	88.2	
TWC-06890	91.3	1.7	88.2	
TWC-06900	91.1	1.7	87.8	
TWC-06910	90.8	2.1	87.1	
TWC-06920	90.6	2.7	86.4	
TWC-06930	90.5	3.1	85.8	
TWC-06940	90.4	3.2	85.6	
TWC-06950	90.9	3.5	85.8	
TWC-06960	91.1	3.6	85.9	
TWC-06970	91.1	3.6	85.9	
TWC-06980	91.5	4.0	85.9	
TWC-06990	91.9	4.4	85.9	
TWC-07000	92.1	4.6	86.0	
TWC-07010	92.4	4.8	86.0	
TWC-07020	92.4	4.6	86.0	
TWC-07030	92.3	4.4	86.0	
TWC-07040	91.5	3.8	86.0	
TWC-07050	91.4	3.7	86.1	
TWC-07060	91.3	3.6	86.1	
TWC-07070	91.3	3.6	86.1	
TWC-07080	91.0	3.3	86.1	
TWC-07090	91.0	3.2	86.2	
TWC-07100	90.9	3.0	86.2	
TWC-07110	90.8	3.0	86.2	
TWC-07120	90.8	3.0	86.2	
TWC-07130	90.7	2.8	86.2	
TWC-07140	90.7	3.0	86.2	
TWC-07150	90.7	2.9	86.3	
TWC-07160	89.9	2.0	86.3	
TWC-07170	90.7	1.9	87.2	
TWC-07180	90.6	1.5	87.4	
TWC-07190	90.6	1.6	87.4	
TWC-07200	90.6	1.4	87.6	
ADDITIONAL INFORMATION				

1:55 | 1:251 | 1:39 | 1:250 | 1:20 | -1:22 | -1:300 | 1-13 | 1:300 | -1:15 | 1:250 | 1-72 | 1:300 | 1-19 | 1:139

LONGITUDINAL SECTION
(SCALE - Hor 1:2500, Ver 1:250)

SCALE 1 : 2500 (0 50 100 150 200 250 m)

SCALE 1 : 250 (0 5 10 15 20 25 m)

Original Size A1

Notes:
1. This drawing is not to be scaled, figured dimensions only to be taken.
2. All dimensions are in metres and all levels are A.O.D. Malin Head unless otherwise stated.
3. The pipeline horizontal and vertical alignment are subject to further design development but any change to this will be subject to the limits and conditions detailed in this planning submission.
4. The design is based on a nominal 1.6m diameter pipeline.
5. The location of existing services are based on information provided by the service provider. The actual locations are to be verified in the field.
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7. A MW access point is provided either side of every LV and at every AV. For MWs at WOs see the valve schedule.

PLAN LEGEND:
- Planning Application Boundary
- Proposed Pipe Centreline
- Indicative Proposed Wayleave
- Proposed Trenchless Excavation Section
- Proposed Construction Compounds or Pipe Storage Depot
- Permanent Wayleave for Existing 1200 Dia Main
- Proposed Haul Road
- LV/MV Existing Electric Overhead Powerline, Low/Medium Voltage
- HV Existing Electric Overhead Powerline, High Voltage
- W Existing Water Mains
- G Existing Gas Mains
- F Existing Foul Sewers
- LV/MV Proposed Electric Overhead Powerlines
- Proposed power poles - line valve feed
- Proposed Underground Earth Cable
- Proposed Underground Line
- Proposed Stay Wire
- Proposed Permanent Layby
- Proposed Water Main Connection
- Proposed Electric Overhead Powerline Diversion
- Proposed Future Takeoff Point
- (AV) Proposed Air Valve
- (WA) Proposed Washout with outfall
- (WB) Proposed Washout without outfall
- (LA) (LB) (LC) (LD) Proposed Line Valve
- (MW) Proposed Manway
- Proposed Washout Outfall Connection/Headwall Location

PEOP Proposed Electrical Overhead Powerline
POHL Proposed Overhead Line

PROFILE
- Existing Ground Level
- Proposed Pipeline
- Minimum Cover Level (1.2 m) and Maximum Invert Level (6.0 m)

OSI Sheet No's:
3497.

Rev	Description	Drawn	Chk'd	App'd.	Date
F02	FINAL FOR PLANNING	AL/PL/KP	MG	SW	Dec. 2025
F01	FINAL FOR PLANNING	AL/PL/KP	MG	SW	Dec. 2025

Uisce Éireann Irish Water
Tionscadal Soláthair Uisce Water Supply Project
UISCE ÉIREANN
COLVILL HOUSE,
TALBOT STREET,
DUBLIN 1,
IRELAND
Call 1890 278 278
Int: 00 353 1 707 2828

Jacobs TOBIN

Originated By	Drawn By	Checked By	Approved By
JB	MVS	HG	SPM
Date 28.09.18	Date 01.12.2025	Date 01.12.2025	Date 01.12.2025

Scale: AS SHOWN @ A1 — FINAL

Project Title: WATER SUPPLY PROJECT
EASTERN AND MIDLANDS REGION

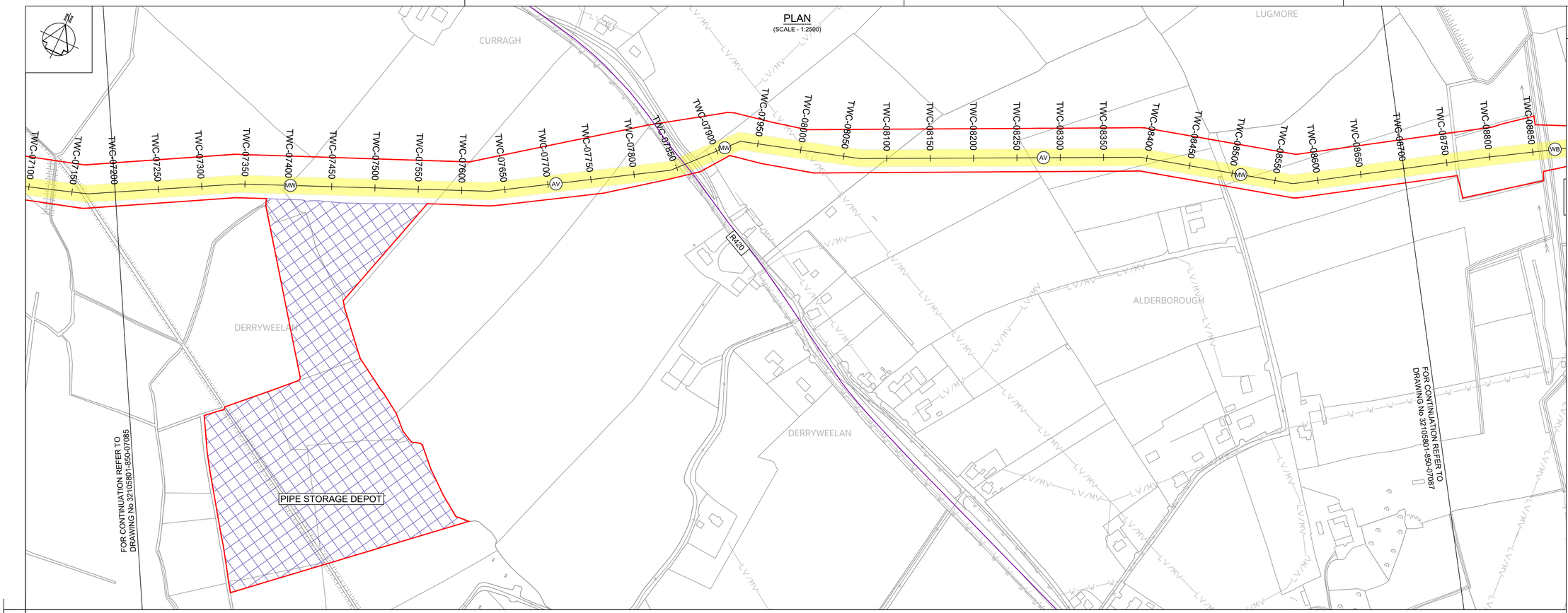
Drawing Title: GRAVITY PIPELINE SECTION C
PLAN AND LONGITUDINAL SECTION
SHEET 5 OF 17

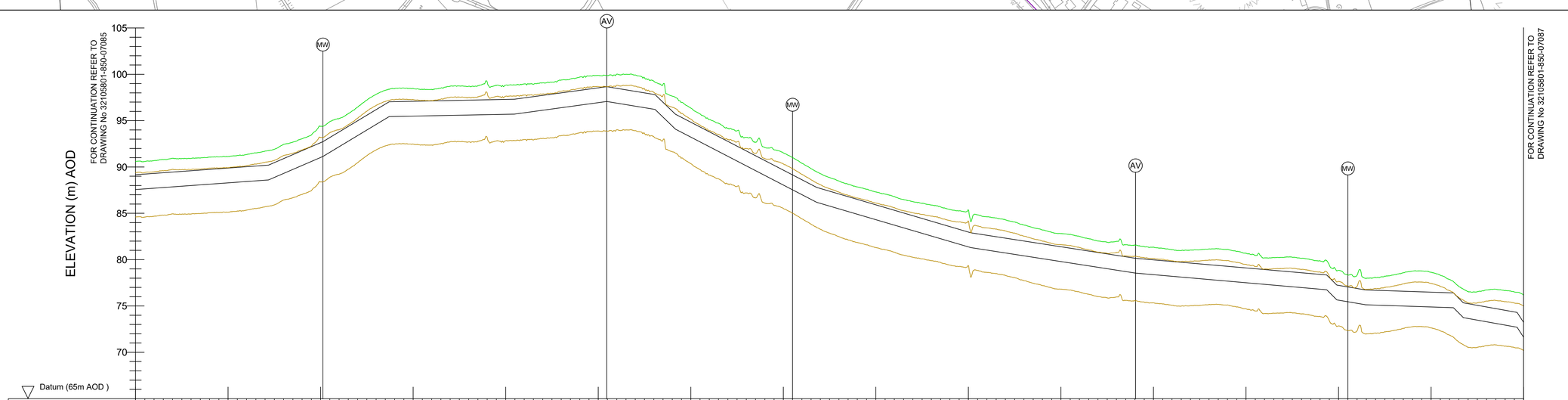
Drawing Status: FINAL FOR PLANNING
Jacobs Tobin No. 32105801 | Client No. 9318

Drawing No.
32105801-850-07085

21.11.2025 08:36:10

PLAN
(SCALE - 1:2500)





Datum (65m AOD)

CHAINAGE (m)	GROUND LEVELS (mAOD)	COVER (mAOD)	INVERT LEVEL (mAOD)	PIPE GRADIENT	ADDITIONAL INFORMATION
TWC-07200	90.6	1.4	87.6		
TWC-07210	90.6	1.4	87.6		
TWC-07220	90.7	1.4	87.7		
TWC-07230	90.8	1.4	87.8		
TWC-07240	90.9	1.5	87.9		
TWC-07250	90.9	1.4	87.9		
TWC-07260	91.0	1.3	87.9		
TWC-07270	91.0	1.3	88.1		
TWC-07280	91.1	1.3	88.1		
TWC-07290	91.1	1.3	88.2		
TWC-07300	91.1	1.2	88.3		
TWC-07310	91.3	1.3	88.4		
TWC-07320	91.3	1.3	88.4		
TWC-07330	91.5	1.4	88.5		
TWC-07340	91.6	1.5	88.6		
TWC-07350	91.9	1.4	88.9		
TWC-07360	92.4	1.5	89.4		
TWC-07370	92.7	1.4	89.7		
TWC-07380	93.0	1.3	89.7		
TWC-07390	93.5	1.3	90.2		
TWC-07400	94.4	1.8	91.0	1:139	
TWC-07410	94.9	1.7	91.6		
TWC-07420	95.2	1.4	92.2		
TWC-07430	95.8	1.4	92.8		
TWC-07440	96.5	1.5	93.4		
TWC-07450	97.2	1.6	94.0		
TWC-07460	97.8	1.6	94.6		
TWC-07470	98.3	1.5	95.2		
TWC-07480	98.4	1.4	95.4		
TWC-07490	98.5	1.4	95.5		
TWC-07500	98.4	1.4	95.5		
TWC-07510	98.4	1.3	95.5		
TWC-07520	98.4	1.2	95.5		
TWC-07530	98.5	1.4	95.5		
TWC-07540	98.7	1.5	95.6		
TWC-07550	98.7	1.6	95.6		
TWC-07560	98.7	1.5	95.6		
TWC-07570	98.8	1.6	95.6		
TWC-07580	98.8	1.5	95.7		
TWC-07590	98.8	1.5	95.7		
TWC-07600	98.8	1.6	95.7		
TWC-07610	98.8	1.5	95.7		
TWC-07620	99.0	1.5	95.9		
TWC-07630	98.9	1.3	96.0		
TWC-07640	99.1	1.4	96.1		
TWC-07650	99.1	1.3	96.3		
TWC-07660	99.4	1.4	96.4		
TWC-07670	99.4	1.4	96.5		
TWC-07680	99.7	1.4	96.7		
TWC-07690	99.8	1.4	96.8		
TWC-07700	99.9	1.3	96.9		
TWC-07710	99.9	1.2	97.0		
TWC-07720	100.0	1.7	96.9		
TWC-07730	100.0	1.8	96.7		
TWC-07740	99.8	1.8	96.4		
TWC-07750	99.3	1.4	96.2		
TWC-07760	98.9	1.9	95.4	1:74	
TWC-07770	97.6	1.6	94.4		
TWC-07780	97.0	1.6	93.7		
TWC-07790	96.4	1.5	93.2		
TWC-07800	95.7	1.4	92.7		
TWC-07810	95.2	1.3	92.2		
TWC-07820	94.7	1.4	91.7		
TWC-07830	94.2	1.4	91.2		
TWC-07840	93.9	1.7	90.6		
TWC-07850	93.2	1.5	90.1		
TWC-07860	92.7	1.4	89.6		
TWC-07870	92.1	1.4	89.1		
TWC-07880	91.9	1.4	88.8		
TWC-07890	91.6	1.9	88.1		
TWC-07900	91.5	1.8	87.9		
TWC-07910	90.4	1.8	86.5	1:61	
TWC-07920	89.8	1.7	86.1		
TWC-07930	89.3	1.6	86.1		
TWC-07940	88.9	1.5	85.8		
TWC-07950	88.5	1.4	85.5		
TWC-07960	88.1	1.5	85.2		
TWC-07970	87.8	1.3	84.9		
TWC-07980	87.6	1.4	84.8		
TWC-08000	87.1	1.4	84.0		
TWC-08010	86.8	1.5	83.7		
TWC-08020	86.5	1.5	83.4		
TWC-08030	86.3	1.5	83.1		
TWC-08040	86.1	1.6	82.8		
TWC-08050	85.9	1.6	82.6		
TWC-08060	85.7	1.8	82.2		
TWC-08070	85.4	1.8	81.9		
TWC-08080	85.3	2.0	81.7		
TWC-08090	85.3	2.4	81.4		
TWC-08100	85.3	2.4	81.2		
TWC-08110	84.8	2.0	81.0		
TWC-08120	84.6	2.0	80.9		
TWC-08130	84.5	2.0	80.7		
TWC-08140	84.3	2.0	80.6		
TWC-08150	84.1	1.7	80.6		
TWC-08160	83.7	1.6	80.3		
TWC-08170	83.4	1.5	80.1		
TWC-08180	83.2	1.4	80.0		
TWC-08190	82.9	1.4	79.8		
TWC-08200	82.8	1.4	79.6		
TWC-08210	82.7	1.5	79.5		
TWC-08220	82.5	1.4	79.3		
TWC-08230	82.3	1.2	79.2		
TWC-08240	82.0	1.3	79.0		
TWC-08250	82.0	1.5	78.9		
TWC-08260	81.6	1.4	78.6		
TWC-08270	81.6	1.3	78.5		
TWC-08280	81.4	1.4	78.4		
TWC-08290	81.2	1.3	78.2		
TWC-08300	81.1	1.3	78.1		
TWC-08310	81.2	1.4	78.1		
TWC-08320	81.1	1.3	78.1		
TWC-08330	81.0	1.4	78.0		
TWC-08340	81.0	1.4	78.0		
TWC-08350	81.1	1.5	77.9		
TWC-08360	81.2	1.7	77.9		
TWC-08370	81.2	1.8	77.8		
TWC-08380	81.1	1.7	77.7		
TWC-08390	80.9	1.6	77.6		
TWC-08400	80.7	1.6	77.5		
TWC-08410	80.5	1.4	77.4		
TWC-08420	80.2	1.3	77.3		
TWC-08430	80.2	1.5	77.2		
TWC-08440	80.3	1.6	77.1		
TWC-08450	80.1	1.6	77.0		
TWC-08460	79.9	1.5	76.9		
TWC-08470	79.8	1.4	76.8		
TWC-08480	79.7	1.5	76.7		
TWC-08490	79.4	1.4	76.5		
TWC-08500	78.8	1.6	76.5	1:10	
TWC-08510	78.3	1.6	76.2		
TWC-08520	78.3	1.4	76.3		
TWC-08530	78.0	1.2	76.3		
TWC-08540	78.2	1.4	76.3		
TWC-08550	78.1	1.4	76.2		
TWC-08560	78.4	1.7	76.2		
TWC-08570	78.6	1.8	76.3		
TWC-08580	78.8	2.2	76.2		
TWC-08590	78.8	2.3	76.1		
TWC-08600	78.6	2.1	76.1		
TWC-08610	78.3	1.9	76.1		
TWC-08620	78.3	1.4	76.2		
TWC-08630	77.9	1.3	76.3		
TWC-08640	77.6	1.5	76.5		
TWC-08650	77.6	1.5	76.5		
TWC-08660	76.7	1.8	76.5		
TWC-08670	76.7	2.1	76.5		
TWC-08680	76.7	2.1	76.5		
TWC-08690	76.8	2.1	76.7		
TWC-08700	76.2	3.0	73.2		

1:139 1:23 1:47 1:300 1:74 1:61 -1:10 -1:19 -1:34 -1:65 -1:115 -1:10 -1:59 -1:300 -1:10 -1:56 -1:7

LONGITUDINAL SECTION
(SCALE - Hor 1:2500, Ver 1:250)

SCALE 1 : 2500 — 0 50 100 150 200 250 m

SCALE 1 : 250 — 0 5 10 15 20 25 m

Original Size A1

Notes:
1. This drawing is not to be scaled, figured dimensions only to be taken.
2. All dimensions are in metres and all levels are A.O.D. Malin Head unless otherwise stated.
3. The pipeline horizontal and vertical alignment are subject to further design development but any change to this will be subject to the limits and conditions detailed in this planning submission.
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PLAN LEGEND:
- Planning Application Boundary
- Proposed Pipe Centreline
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- Proposed Construction Compounds or Pipe Storage Depot
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- Existing Electric Overhead Powerline, High Voltage
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POHL Proposed Overhead Line

PROFILE
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- Proposed Pipeline
- Minimum Cover Level (1.2 m) and Maximum Invert Level (6.0 m)

OSI Sheet No's:
3497, 3498, 3498-C.

Rev	Description	Drawn	Chk'd	App'd.	Date
F02	FINAL FOR PLANNING	AL/PL/KP	MG	SW	Dec. 2025
F01	FINAL FOR PLANNING	AL/PL/KP	MG	SW	Dec. 2025

Uisce Éireann Irish Water
Tionscadal Soláthair Uisce Water Supply Project
UISCE ÉIREANN
COLVILL HOUSE,
TALBOT STREET,
DUBLIN 1,
IRELAND
Call 1890 278 278
Int: 00 353 1 707 2828

Jacobs TOBIN

Originated By	Drawn By	Checked By	Approved By
JB	MVS	HG	SPM
Date 28.09.18	Date 01.12.2025	Date 01.12.2025	Date 01.12.2025

Scale: AS SHOWN @ A1 — FINAL

Project Title: WATER SUPPLY PROJECT
EASTERN AND MIDLANDS REGION

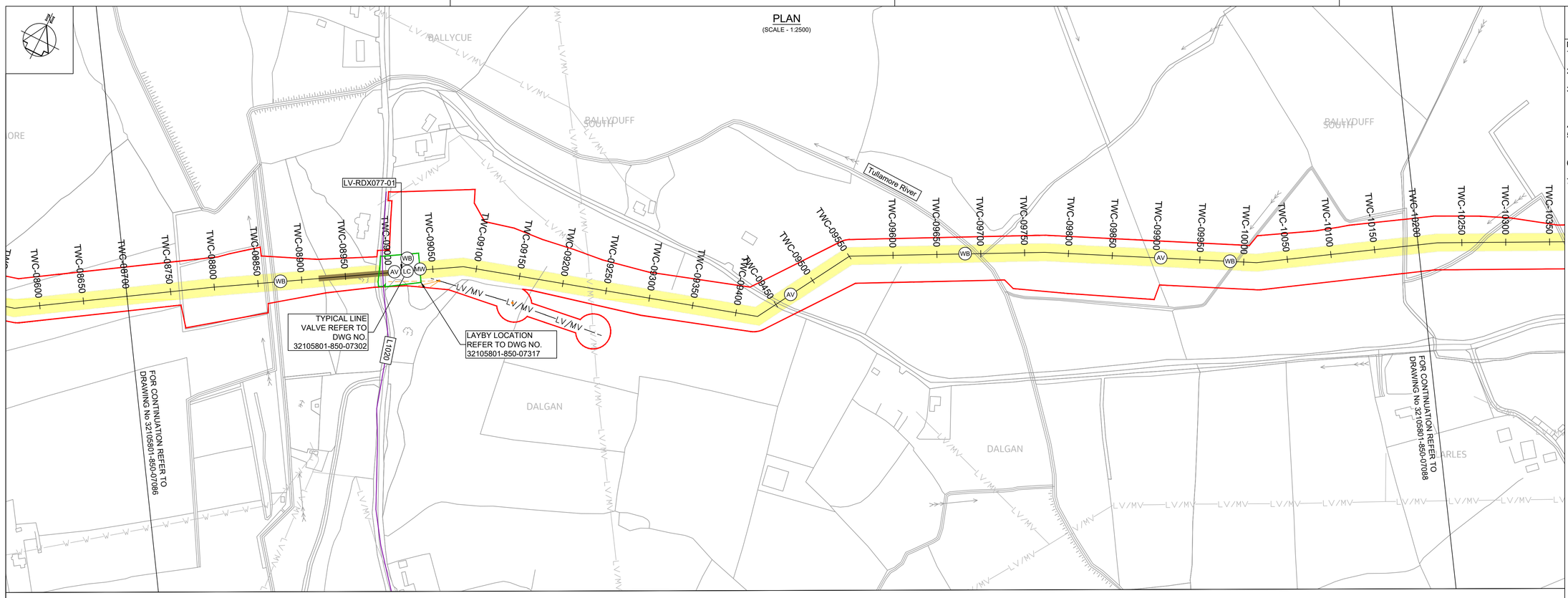
Drawing Title: GRAVITY PIPELINE SECTION C
PLAN AND LONGITUDINAL SECTION
SHEET 6 OF 17

Drawing Status: FINAL FOR PLANNING
Jacobs Tobin No. 32105801 — Client No. 9318

Drawing No.
32105801-850-07086

21.11.2025 08:36:48

PLAN
(SCALE - 1:2500)



Original Size
A1

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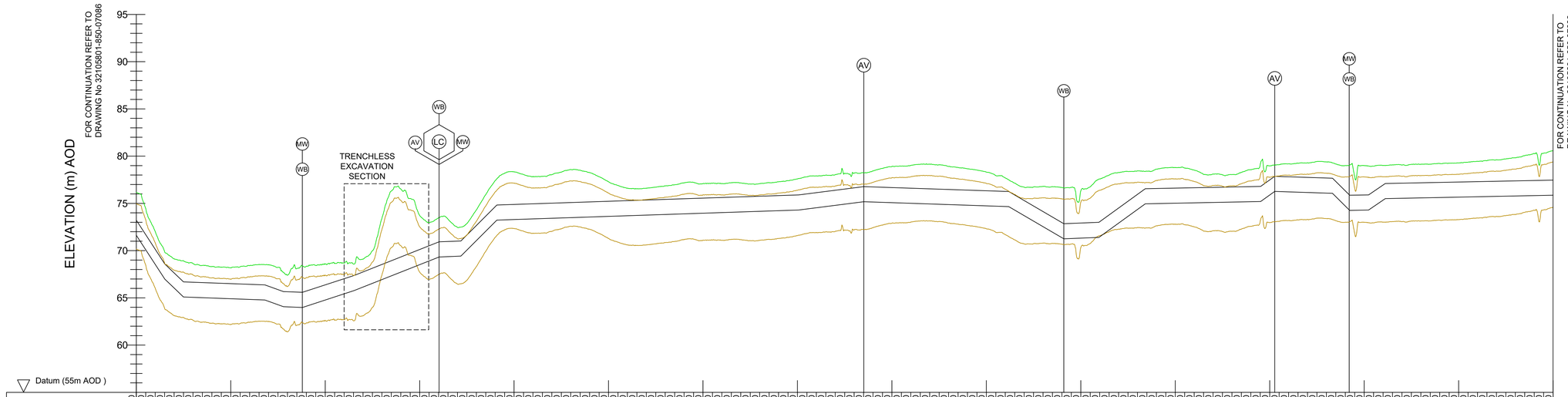
POHL Proposed Overhead Line

PROFILE
- Existing Ground Level
- Proposed Pipeline
- Minimum Cover Level (1.2 m) and Maximum Invert Level (6.0 m)

OSI Sheet No's:

3498, 3498-C.

ELEVATION (m) AOD



Datum (55m AOD)

CHAINAGE (m)	GROUND LEVELS (mAOD)	COVER (mAOD)	INVERT LEVEL (mAOD)	PIPE GRADIENT
TWC-08700	76.2	3.0	71.6	
TWC-08710	74.5	2.8	70.1	-1:17
TWC-08720	72.0	1.9	68.5	-1:10
TWC-08730	69.9	1.3	67.0	
TWC-08740	68.1	1.5	66.0	-1:271
TWC-08750	67.0	1.4	65.1	
TWC-08760	66.6	1.6	65.0	
TWC-08770	68.4	1.8	65.0	
TWC-08780	68.3	1.7	65.0	
TWC-08790	68.3	1.7	64.9	
TWC-08800	68.2	1.7	64.9	
TWC-08810	68.3	1.8	64.9	
TWC-08820	68.4	2.0	64.8	
TWC-08830	68.5	2.3	64.6	-1:28
TWC-08840	68.5	2.4	64.3	
TWC-08850	68.2	2.4	64.3	
TWC-08860	67.4	1.7	64.0	-1:250
TWC-08870	68.1	2.5	64.0	
TWC-08880	68.3	2.6	64.1	1:31
TWC-08890	68.4	2.4	64.4	
TWC-08900	68.6	2.2	64.8	
TWC-08910	68.5	1.9	64.9	
TWC-08920	68.7	1.7	65.4	
TWC-08930	68.6	1.2	65.7	
TWC-08940	69.1	1.4	66.1	
TWC-08950	70.0	1.9	66.5	
TWC-08960	73.4	4.9	66.9	
TWC-08970	76.3	7.4	67.3	
TWC-08980	76.5	7.2	67.7	
TWC-08990	75.9	3.6	68.5	
TWC-09000	73.7	2.5	68.9	
TWC-09010	73.0	2.6	69.3	
TWC-09020	73.5	2.4	69.4	1:25
TWC-09030	72.5	1.5	69.4	
TWC-09040	73.3	2.2	70.1	1:250
TWC-09050	72.9	1.2	70.1	
TWC-09060	74.3	1.1	71.1	1:10
TWC-09070	77.4	2.8	73.1	
TWC-09080	78.2	3.4	73.3	
TWC-09090	78.2	3.4	73.3	
TWC-09100	78.4	3.5	73.3	
TWC-09110	78.1	3.1	73.3	
TWC-09120	77.9	2.9	73.4	
TWC-09130	78.0	3.0	73.4	
TWC-09140	78.0	3.2	73.5	
TWC-09150	78.2	3.4	73.5	
TWC-09160	78.6	3.5	73.5	
TWC-09170	78.5	3.4	73.5	
TWC-09180	78.3	3.1	73.6	
TWC-09190	77.8	2.6	73.6	
TWC-09200	77.3	2.1	73.6	
TWC-09210	76.9	1.6	73.7	
TWC-09220	76.6	1.3	73.7	
TWC-09230	76.6	1.3	73.8	
TWC-09240	76.9	1.3	73.8	
TWC-09250	76.7	1.3	73.8	
TWC-09260	76.9	1.4	73.8	
TWC-09270	77.0	1.5	73.9	
TWC-09280	77.2	1.7	73.9	
TWC-09290	77.2	1.7	73.9	
TWC-09300	77.1	1.5	74.0	
TWC-09310	77.1	1.5	74.0	
TWC-09320	77.1	1.5	74.0	
TWC-09330	77.2	1.5	74.1	
TWC-09340	77.2	1.5	74.1	
TWC-09350	77.1	1.3	74.1	
TWC-09360	77.1	1.3	74.2	
TWC-09370	77.2	1.4	74.2	
TWC-09380	77.3	1.5	74.2	
TWC-09390	77.4	1.5	74.2	
TWC-09400	77.6	1.7	74.3	
TWC-09410	77.6	1.8	74.4	
TWC-09420	77.9	1.7	74.5	
TWC-09430	78.0	1.7	74.7	
TWC-09440	78.0	1.6	74.8	
TWC-09450	78.2	1.7	74.9	
TWC-09460	78.2	1.5	75.0	
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TWC-09520	79.0	2.4	75.0	
TWC-09530	79.1	2.6	74.9	
TWC-09540	79.1	2.6	74.9	
TWC-09550	79.0	2.6	74.9	
TWC-09560	78.9	2.4	74.8	
TWC-09570	78.8	2.3	74.8	
TWC-09580	78.7	2.3	74.8	
TWC-09590	78.5	2.2	74.8	
TWC-09600	78.0	1.9	74.7	
TWC-09610	77.9	1.6	74.7	
TWC-09620	77.7	1.4	74.7	
TWC-09630	77.6	1.3	74.7	
TWC-09640	76.7	1.4	73.7	
TWC-09650	76.7	2.0	72.5	
TWC-09660	76.7	2.7	73.1	
TWC-09670	76.8	3.2	71.9	
TWC-09680	76.7	3.7	71.4	-1:117
TWC-09690	76.7	3.8	71.3	
TWC-09700	76.3	3.4	71.3	1:250
TWC-09710	76.6	4.5	71.5	
TWC-09720	78.0	4.2	72.2	1:14
TWC-09730	78.3	3.8	72.9	
TWC-09740	78.4	3.1	73.6	
TWC-09750	78.4	2.5	74.4	
TWC-09760	78.4	2.6	74.4	
TWC-09770	78.6	2.1	75.0	
TWC-09780	78.6	2.1	75.0	
TWC-09790	78.8	2.2	75.0	
TWC-09800	78.8	2.1	75.0	
TWC-09810	78.7	1.9	75.1	
TWC-09820	78.5	1.4	75.1	
TWC-09830	78.1	1.3	75.1	
TWC-09840	78.1	1.4	75.1	
TWC-09850	78.0	1.3	75.1	1:500
TWC-09860	78.0	1.5	75.1	
TWC-09870	78.0	1.7	75.2	
TWC-09880	78.6	2.3	75.2	
TWC-09890	79.1	1.8	75.2	
TWC-09900	79.0	1.5	75.9	
TWC-09910	79.1	1.2	76.2	
TWC-09920	79.2	1.4	76.2	
TWC-09930	79.3	1.5	76.2	
TWC-09940	79.3	1.5	76.1	
TWC-09950	79.2	1.7	76.1	
TWC-09960	79.4	1.7	76.1	
TWC-09970	79.2	1.9	75.7	
TWC-09980	79.0	2.7	74.7	1:14
TWC-09990	77.8	1.9	74.3	
TWC-10000	79.0	3.1	74.3	
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TWC-10020	79.0	2.7	74.7	
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TWC-10040	79.1	1.9	75.5	
TWC-10050	79.1	2.0	75.5	
TWC-10060	79.1	2.0	75.6	
TWC-10070	79.1	1.9	75.6	
TWC-10080	79.2	2.0	75.6	
TWC-10090	79.2	2.0	75.6	
TWC-10100	79.3	2.0	75.7	
TWC-10110	79.4	2.0	75.7	-1:300
TWC-10120	79.5	2.2	75.7	
TWC-10130	79.6	2.3	75.7	-1:10
TWC-10140	79.7	2.2	75.7	
TWC-10150	79.8	2.3	75.8	1:500
TWC-10160	79.8	2.4	75.8	
TWC-10170	80.0	2.6	75.8	
TWC-10180	80.3	2.9	75.8	-1:14
TWC-10190	80.2	3.0	75.7	
TWC-10200	80.6	3.1	75.9	

ADDITIONAL INFORMATION
PEAT — CONSTRUCTION METHOD 1
PEAT — CONSTRUCTION METHOD 2
PEAT — CONSTRUCTION METHOD 1
PEAT / SOFT GROUND — CONSTRUCTION METHOD 2
PEAT / SOFT GROUND — CONSTRUCTION METHOD 2
SOFT GROUND — CONSTRUCTION METHOD 3
PEAT / SOFT GROUND — CONSTRUCTION METHOD 3
PEAT — CONSTRUCTION METHOD 2

LONGITUDINAL SECTION
(SCALE - Hor 1:2500, Ver 1:250)

0 50 100 150 200 250 m
SCALE 1 : 2500

0 5 10 15 20 25 m
SCALE 1 : 250

Rev	Description	Drawn	Chk'd	App'd.	Date
F02	FINAL FOR PLANNING	AL/PL/KP	MG	SW	Dec. 2025
F01	FINAL FOR PLANNING	AL/PL/KP	MG	SW	Dec. 2025

Uisce Éireann Irish Water
Tionscadal Soláthair Uisce Water Supply Project

UISCE ÉIREANN
COLVILL HOUSE,
TALBOT STREET,
DUBLIN 1,
IRELAND

Call 1890 278 278
Int: 00 353 1 707 2828

Jacobs TOBIN

Originated By	Drawn By	Checked By	Approved By
JB	MVS	HG	SPM
Date 28.09.18	Date 01.12.2025	Date 01.12.2025	Date 01.12.2025

Scale: AS SHOWN @ A1

FINAL

Project Title
WATER SUPPLY PROJECT
EASTERN AND MIDLANDS REGION

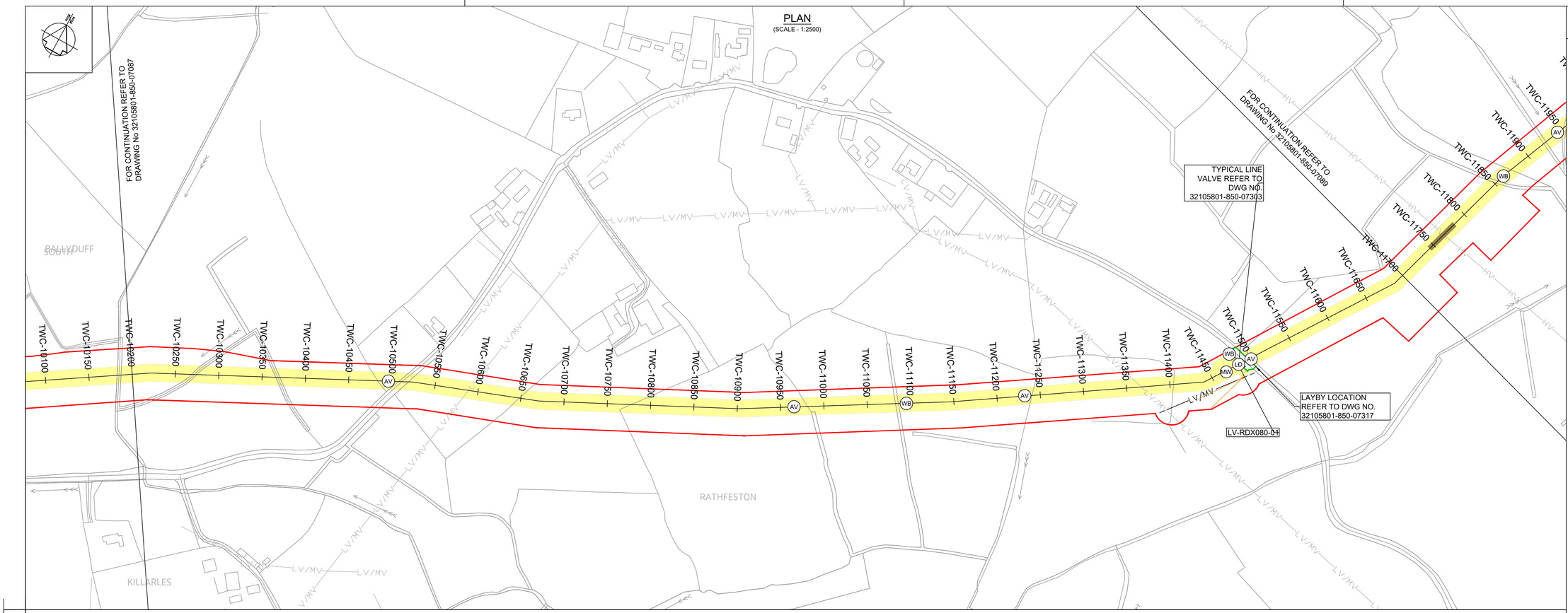
GRAVITY PIPELINE SECTION C
PLAN AND LONGITUDINAL SECTION
SHEET 7 OF 17

Drawing Status	FINAL FOR PLANNING
Jacobs Tobin No. 32105801	Client No. 9318

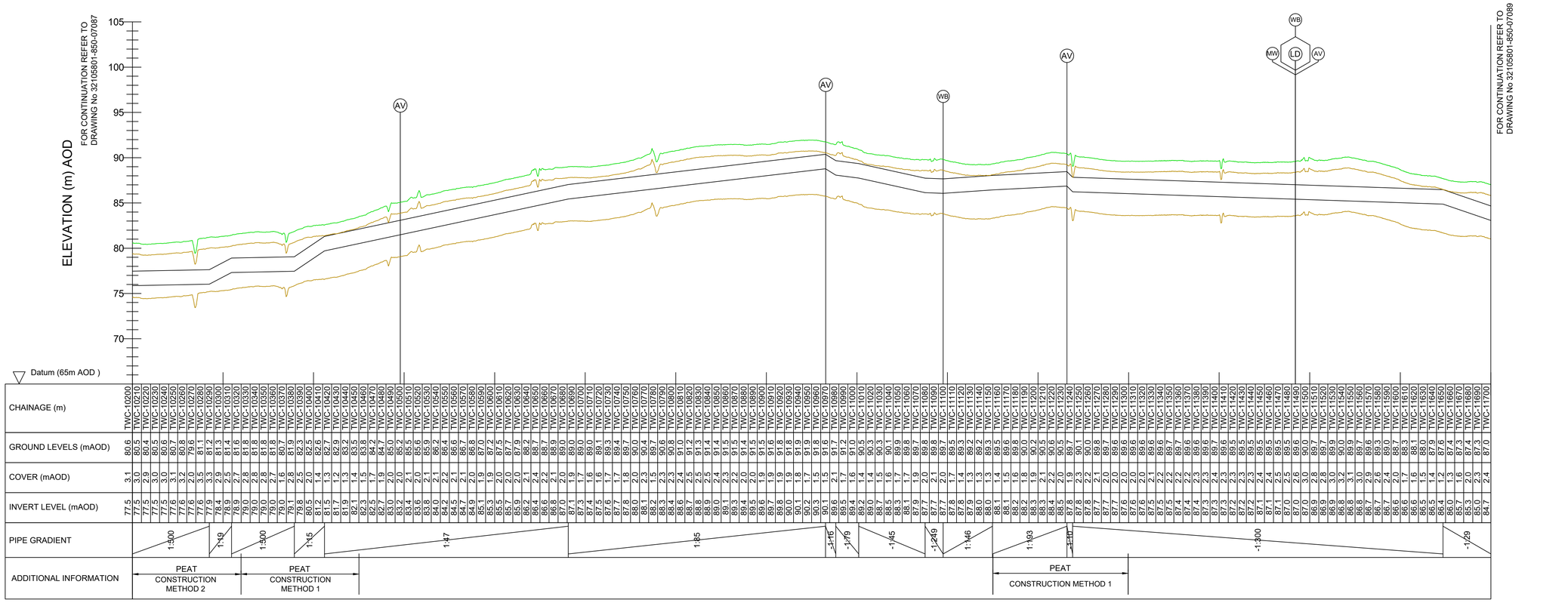
Drawing No.
32105801-850-07087

21.11.2025 08:37:25

PLAN
(SCALE - 1:2500)



LONGITUDINAL SECTION
(SCALE - Hor 1:2500, Ver 1:250)



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- Minimum Cover Level (1.2 m) and Maximum Invert Level (6.0 m)

OSI Sheet No's:
3498, 3437-D.

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Tionscadal Soláthair Uisce Water Supply Project
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TALBOT STREET,
DUBLIN 1,
IRELAND
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Int: 00 353 1 707 2828

Jacobs TOBIN

Originated By	Drawn By	Checked By	Approved By
JB	MVS	HG	SPM
Date 28.09.18	Date 01.12.2025	Date 01.12.2025	Date 01.12.2025

Scale: AS SHOWN @ A1
FINAL

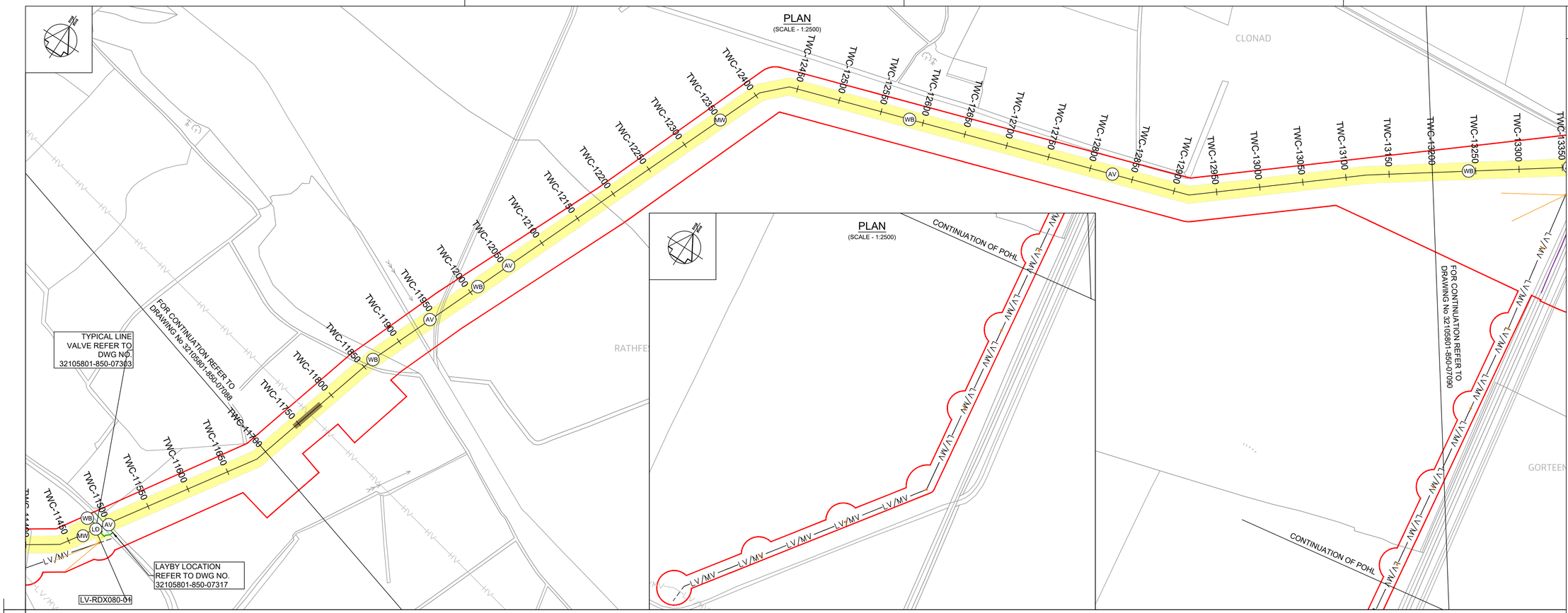
Project Title
WATER SUPPLY PROJECT
EASTERN AND MIDLANDS REGION

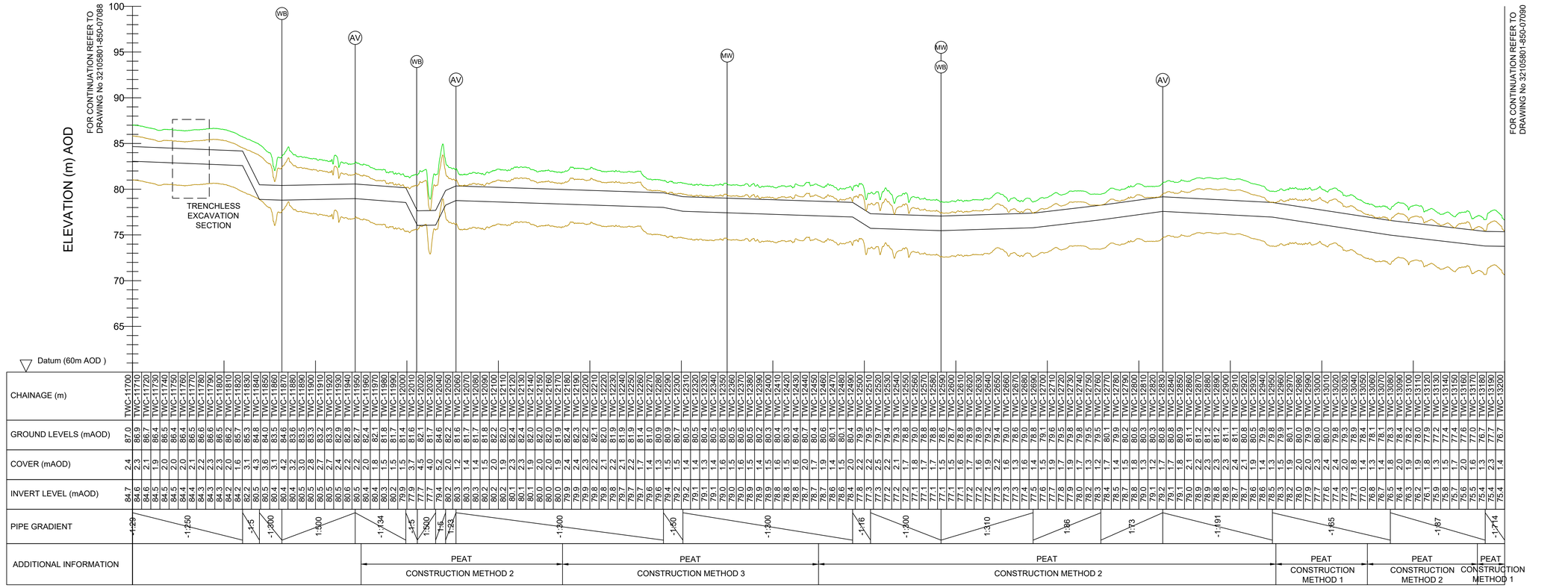
Drawing Title
GRAVITY PIPELINE SECTION C
PLAN AND LONGITUDINAL SECTION
SHEET 8 OF 17

Drawing Status: FINAL FOR PLANNING
Jacobs Tobin No. 32105801 | Client No. 9318

Drawing No.
32105801-850-07088

21.11.2025 08:38:02





LONGITUDINAL SECTION
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0 50 100 150 200 250 m
SCALE 1 : 2500

0 5 10 15 20 25 m
SCALE 1 : 250

Original Size
A1

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OSI Sheet No's:
3437-D, 3438.

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F01	FINAL FOR PLANNING	AL/PL/KP	MG	SW	Dec. 2025

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Tionscadal Soláthair Uisce Water Supply Project
UISCE ÉIREANN
COLVILL HOUSE,
TALBOT STREET,
DUBLIN 1,
IRELAND
Call 1890 278 278
Int: 00 353 1 707 2828

Jacobs TOBIN

Originated By	Drawn By	Checked By	Approved By
JB	MVS	HG	SPM
Date	Date	Date	Date
28.09.18	01.12.2025	01.12.2025	01.12.2025

Scale: AS SHOWN @ A1
FINAL

Project Title
WATER SUPPLY PROJECT
EASTERN AND MIDLANDS REGION

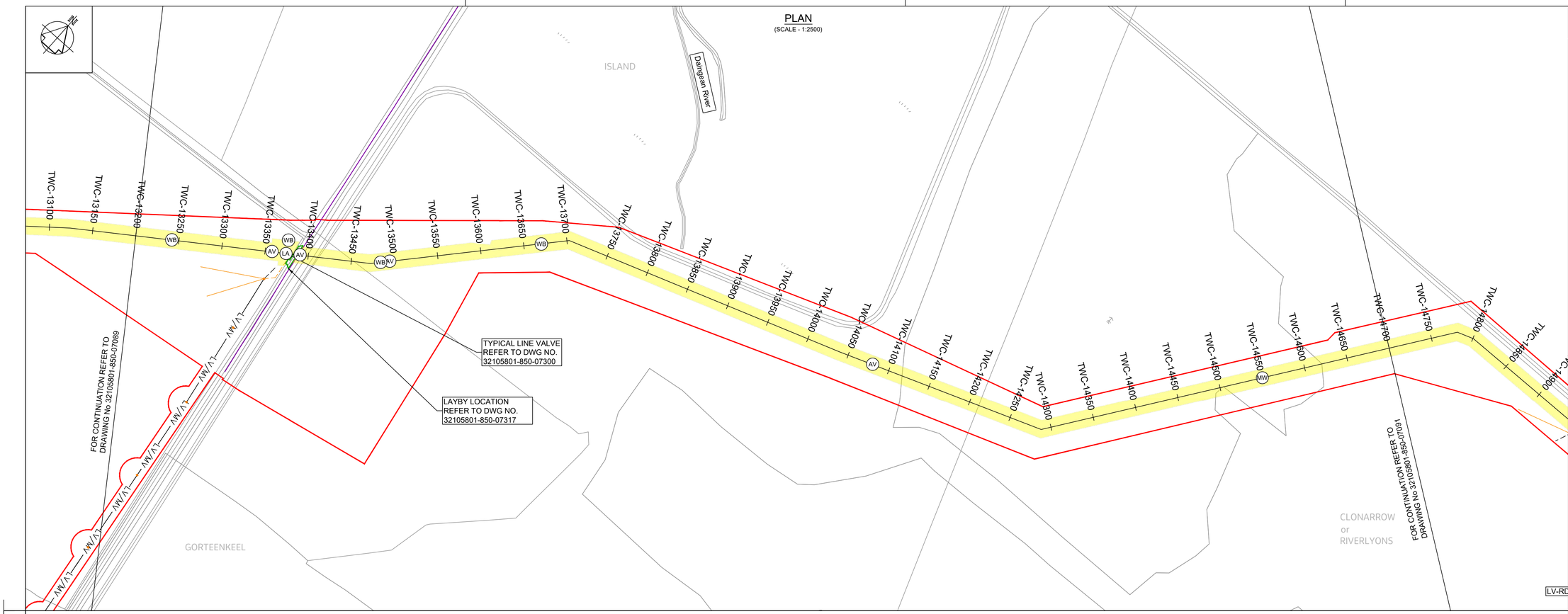
Drawing Title
GRAVITY PIPELINE SECTION C
PLAN AND LONGITUDINAL SECTION
SHEET 9 OF 17

Drawing Status: FINAL FOR PLANNING
Jacobs Tobin No. 32105801
Client No. 9318

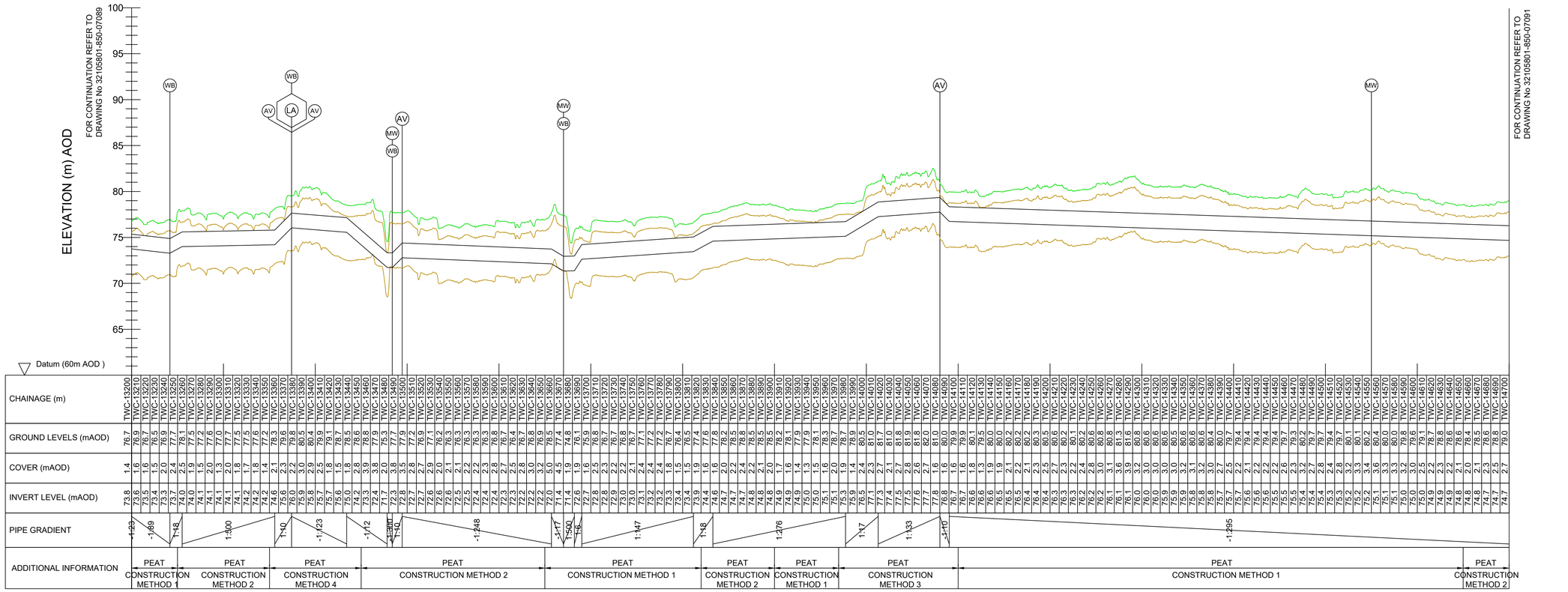
Drawing No.
32105801-850-07089

21.11.2025 08:38:40

PLAN
(SCALE - 1:2500)



LONGITUDINAL SECTION
(SCALE - Hor 1:2500, Ver 1:250)



0 50 100 150 200 250 m
SCALE 1 : 2500

0 5 10 15 20 25 m
SCALE 1 : 250

Original Size A1

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OSI Sheet No's:
3437-D, 3438.

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F01	FINAL FOR PLANNING	AL/PL/KP	MG	SW	Dec. 2025
Rev	Description	Drawn	Chk'd	App'd.	Date

Uisce Éireann Irish Water
Tionscadal Soláthair Uisce Water Supply Project
UISCE ÉIREANN
COLVILL HOUSE,
TALBOT STREET,
DUBLIN 1,
IRELAND
Call 1890 278 278
Int: 00 353 1 707 2828

Jacobs TOBIN

Originated By	Drawn By	Checked By	Approved By
JB	MVS	HG	SPM
Date 28.09.18	Date 01.12.2025	Date 01.12.2025	Date 01.12.2025

Scale: AS SHOWN @ A1
FINAL

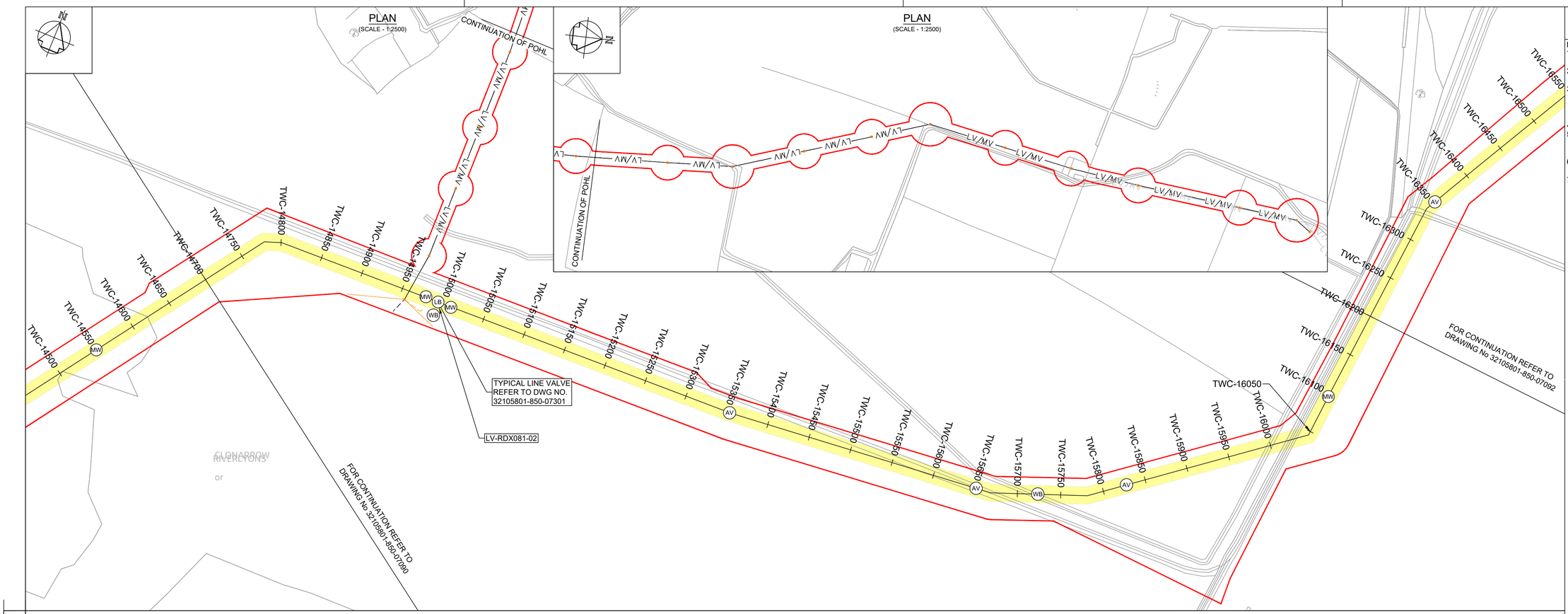
Project Title
WATER SUPPLY PROJECT
EASTERN AND MIDLANDS REGION

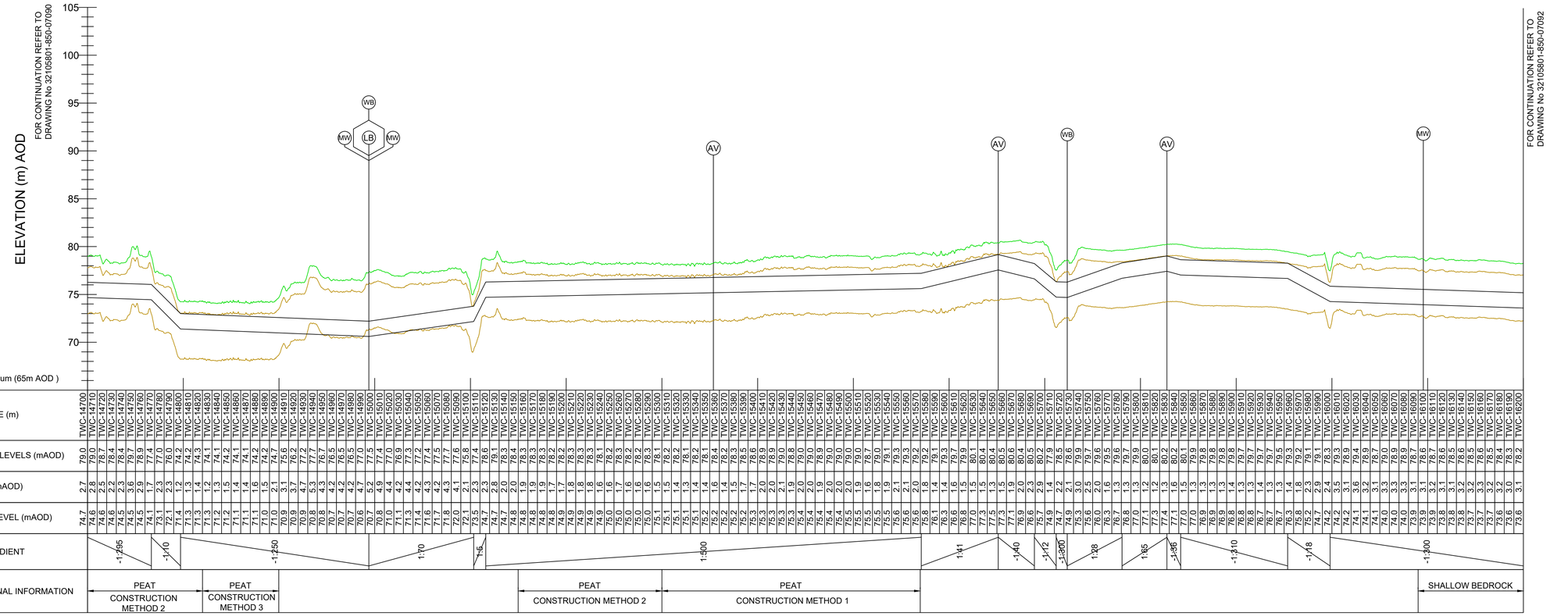
Drawing Title
GRAVITY PIPELINE SECTION C
PLAN AND LONGITUDINAL SECTION
SHEET 10 OF 17

Drawing Status: FINAL FOR PLANNING
Jacobs Tobin No. 32105801 | Client No. 9318

Drawing No.
32105801-850-07090

21.11.2025 08:39:22





LONGITUDINAL SECTION
(SCALE - Hor 1:2500, Ver 1:250)

0 50 100 150 200 250 m
SCALE 1 : 2500

0 5 10 15 20 25 m
SCALE 1 : 250

Original Size
A1

Notes:
1. This drawing is not to be scaled, figured dimensions only to be taken.
2. All dimensions are in metres and all levels are A.O.D. Malin Head unless otherwise stated.
3. The pipeline horizontal and vertical alignment are subject to further design development but any change to this will be subject to the limits and conditions detailed in this planning submission.
4. The design is based on a nominal 1.6m diameter pipeline.
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6. The Method of working in peat is related to the anticipated depth of the peat layer - see EIAR Appendix A5.2.
7. A MW access point is provided either side of every LV and at every AV. For MWs at WOs see the valve schedule.

PLAN LEGEND:
- Planning Application Boundary
- Proposed Pipe Centreline
- Indicative Proposed Wayleave
- Proposed Trenchless Excavation Section
- Proposed Construction Compounds or Pipe Storage Depot
- Permanent Wayleave for Existing 1200 Dia Main
- Proposed Haul Road
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- Existing Electric Overhead Powerline, High Voltage
- Existing Water Mains
- Existing Gas Mains
- Existing Foul Sewers
- Proposed Electric Overhead Powerlines
- Proposed power poles - line valve feed
- Proposed Underground Earth Cable
- Proposed Underground Line
- Proposed Stay Wire
- Proposed Permanent Layby
- Proposed Water Main Connection
- Proposed Electric Overhead Powerline Diversion
- Proposed Future Takeoff Point
- (AV) Proposed Air Valve
- (WA) Proposed Washout with outfall
- (WB) Proposed Washout without outfall
- (LA) (LB) (LC) (LD) Proposed Line Valve
- (MW) Proposed Manway
- Proposed Washout Outfall Connection/Headwall Location

PEOP Proposed Electrical Overhead Powerline
POHL Proposed Overhead Line

PROFILE
- Existing Ground Level
- Proposed Pipeline
- Minimum Cover Level (1.2 m) and Maximum Invert Level (6.0 m)

OSI Sheet No's:
3438, 3375.

Rev	Description	Drawn	Chk'd	App'd.	Date
F02	FINAL FOR PLANNING	AL/PL/KP	MG	SW	Dec. 2025
F01	FINAL FOR PLANNING	AL/PL/KP	MG	SW	Dec. 2025

Uisce Éireann Irish Water
Tionscadal Soláthair Uisce Water Supply Project
UISCE ÉIREANN
COLVILL HOUSE,
TALBOT STREET,
DUBLIN 1,
IRELAND
Call 1890 278 278
Int: 00 353 1 707 2828

Jacobs TOBIN

Originated By	Drawn By	Checked By	Approved By
JB	MVS	HG	SPM
Date 28.09.18	Date 01.12.2025	Date 01.12.2025	Date 01.12.2025

Scale: AS SHOWN @ A1
FINAL

Project Title
WATER SUPPLY PROJECT
EASTERN AND MIDLANDS REGION

Drawing Title
GRAVITY PIPELINE SECTION C
PLAN AND LONGITUDINAL SECTION
SHEET 11 OF 17

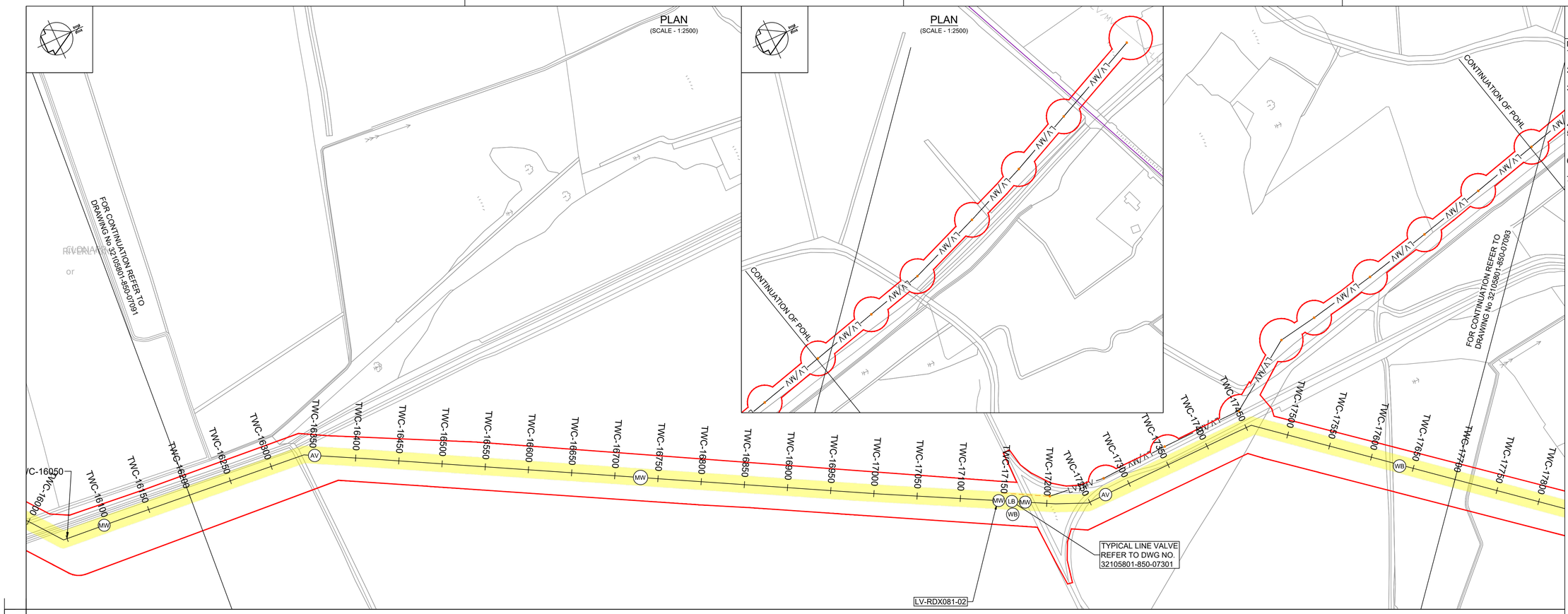
Drawing Status: FINAL FOR PLANNING
Jacobs Tobin No. 32105801
Client No. 9318

Drawing No.
32105801-850-07091

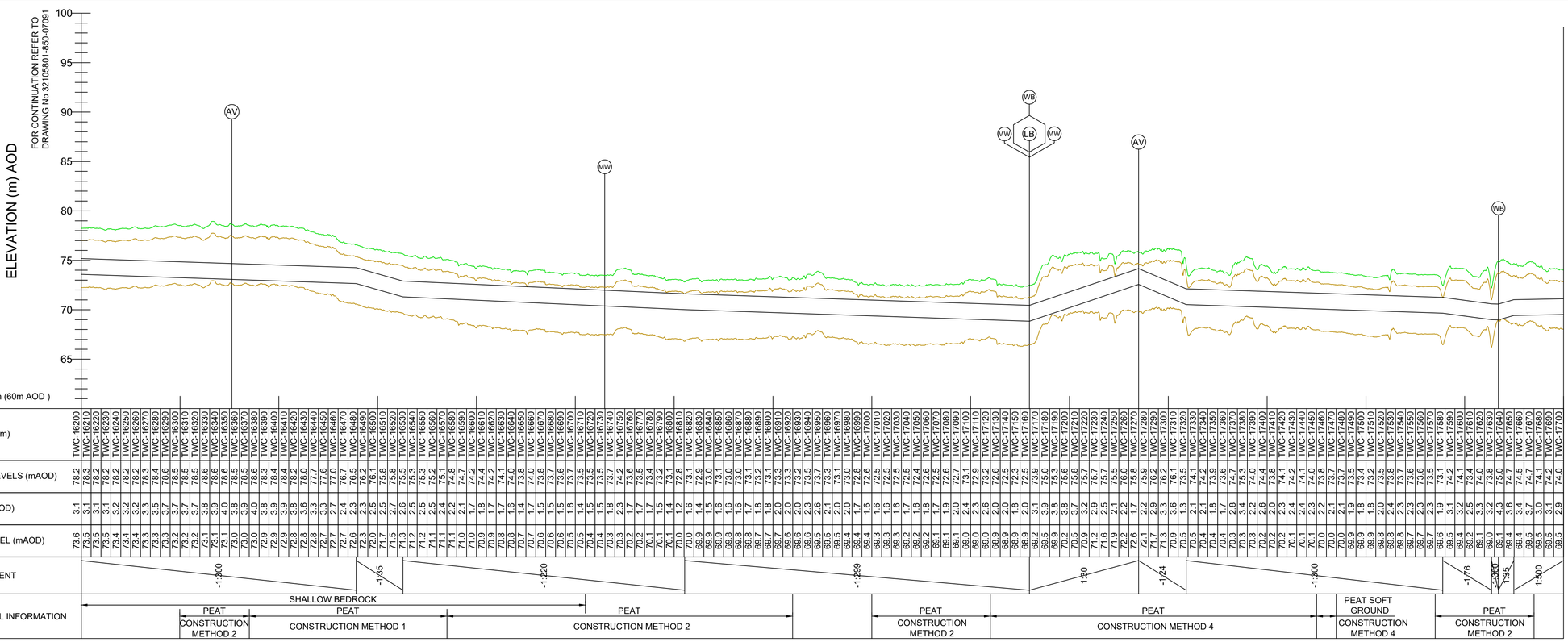
21.11.2025 08:40:02

Original Size
A1

PLAN
(SCALE - 1:2500)



ELEVATION (m) AOD



Datum (60m AOD)

CHAINAGE (m)	GROUND LEVELS (mAOD)	COVER (mAOD)	INVERT LEVEL (mAOD)
TWC-16200	78.2	3.1	73.6
TWC-16210	78.2	3.1	73.5
TWC-16220	78.2	3.1	73.5
TWC-16230	78.2	3.1	73.5
TWC-16240	78.2	3.2	73.4
TWC-16250	78.2	3.2	73.4
TWC-16260	78.2	3.2	73.4
TWC-16270	78.3	3.3	73.3
TWC-16280	78.4	3.5	73.3
TWC-16290	78.6	3.7	73.3
TWC-16300	78.6	3.7	73.3
TWC-16310	78.5	3.7	73.2
TWC-16320	78.5	3.8	73.2
TWC-16330	78.6	3.8	73.2
TWC-16340	78.6	3.9	73.1
TWC-16350	78.5	4.0	73.1
TWC-16360	78.5	3.8	73.0
TWC-16370	78.5	3.9	72.9
TWC-16380	78.5	4.0	72.9
TWC-16390	78.5	3.9	72.9
TWC-16400	78.4	3.9	72.9
TWC-16410	78.4	3.9	72.9
TWC-16420	78.2	3.8	72.8
TWC-16430	78.0	3.6	72.8
TWC-16440	77.7	3.3	72.8
TWC-16450	77.6	3.2	72.7
TWC-16460	77.0	3.0	72.7
TWC-16470	76.7	2.4	72.6
TWC-16480	76.5	2.3	72.6
TWC-16490	76.2	2.3	72.3
TWC-16500	76.1	2.5	72.0
TWC-16510	75.8	2.5	71.7
TWC-16520	75.8	2.7	71.5
TWC-16530	75.5	2.6	71.3
TWC-16540	75.5	2.5	71.2
TWC-16550	75.3	2.5	71.2
TWC-16560	75.2	2.5	71.1
TWC-16570	75.1	2.4	71.1
TWC-16580	74.8	2.2	71.1
TWC-16590	74.7	2.1	71.0
TWC-16600	74.2	1.7	71.0
TWC-16610	74.4	1.9	70.9
TWC-16620	74.1	1.7	70.9
TWC-16630	74.1	1.7	70.8
TWC-16640	74.0	1.6	70.8
TWC-16650	73.8	1.4	70.7
TWC-16660	74.0	1.7	70.7
TWC-16670	73.8	1.5	70.7
TWC-16680	73.7	1.5	70.6
TWC-16690	73.7	1.6	70.6
TWC-16710	73.5	1.4	70.5
TWC-16720	73.5	1.5	70.4
TWC-16730	73.5	1.5	70.4
TWC-16740	73.7	1.8	70.3
TWC-16750	74.2	2.3	70.3
TWC-16760	73.6	1.7	70.2
TWC-16770	73.5	1.7	70.2
TWC-16780	73.4	1.7	70.1
TWC-16790	73.2	1.5	70.1
TWC-16800	73.1	1.4	70.1
TWC-16810	72.8	1.2	70.0
TWC-16820	73.1	1.4	70.0
TWC-16830	72.9	1.4	69.9
TWC-16840	73.0	1.5	69.9
TWC-16850	73.1	1.6	69.8
TWC-16860	73.0	1.6	69.8
TWC-16870	73.0	1.6	69.8
TWC-16880	73.1	1.7	69.8
TWC-16890	73.1	1.8	69.7
TWC-16900	73.1	1.8	69.7
TWC-16910	73.3	2.0	69.7
TWC-16920	73.3	2.0	69.6
TWC-16930	73.2	2.0	69.6
TWC-16940	73.2	2.0	69.6
TWC-16950	73.7	2.6	69.5
TWC-16960	73.3	2.1	69.5
TWC-16970	73.1	2.0	69.5
TWC-16980	73.0	2.0	69.4
TWC-16990	72.8	1.7	69.4
TWC-17000	72.6	1.6	69.4
TWC-17010	72.5	1.6	69.3
TWC-17020	72.5	1.6	69.3
TWC-17030	72.5	1.6	69.3
TWC-17040	72.4	1.6	69.2
TWC-17050	72.5	1.6	69.2
TWC-17060	72.6	1.8	69.2
TWC-17070	72.6	1.7	69.1
TWC-17080	72.7	1.9	69.1
TWC-17090	72.7	2.0	69.1
TWC-17100	72.7	2.0	69.1
TWC-17110	73.2	2.6	69.0
TWC-17120	73.2	2.6	69.0
TWC-17130	72.6	2.0	68.9
TWC-17140	72.5	2.0	68.9
TWC-17150	72.5	2.0	68.9
TWC-17160	72.5	2.0	68.9
TWC-17170	72.8	2.3	69.2
TWC-17180	73.0	3.0	69.2
TWC-17190	75.3	3.8	69.9
TWC-17200	75.6	3.8	69.9
TWC-17210	75.8	3.7	70.2
TWC-17220	75.7	3.2	70.5
TWC-17230	75.7	2.9	70.9
TWC-17240	75.7	2.5	71.2
TWC-17250	76.5	2.1	71.6
TWC-17260	77.2	2.1	72.1
TWC-17270	77.8	1.7	72.6
TWC-17280	75.9	2.2	72.1
TWC-17290	76.2	2.9	71.7
TWC-17300	76.2	3.3	71.3
TWC-17310	76.1	3.6	70.9
TWC-17320	73.5	1.3	70.5
TWC-17330	74.1	2.1	71.4
TWC-17340	74.2	1.8	70.4
TWC-17350	73.9	1.6	70.4
TWC-17360	73.6	2.8	70.3
TWC-17370	74.7	3.4	70.3
TWC-17380	75.3	2.2	70.3
TWC-17390	74.0	2.6	70.2
TWC-17400	74.4	2.0	70.2
TWC-17410	73.8	1.6	70.2
TWC-17420	74.1	2.4	70.1
TWC-17430	74.2	2.4	70.1
TWC-17440	74.1	2.4	70.1
TWC-17450	74.0	2.3	70.0
TWC-17460	73.8	2.2	70.0
TWC-17470	73.7	2.1	70.0
TWC-17480	73.7	2.1	70.0
TWC-17490	73.5	1.9	69.9
TWC-17500	73.5	1.8	69.9
TWC-17510	73.2	1.8	69.8
TWC-17520	73.5	2.0	69.8
TWC-17530	73.8	2.4	69.8
TWC-17540	73.7	2.3	69.8
TWC-17550	73.6	2.3	69.7
TWC-17560	73.6	2.3	69.7
TWC-17570	73.5	2.3	69.7
TWC-17580	73.5	2.4	69.6
TWC-17590	74.2	3.1	69.5
TWC-17600	74.1	3.2	69.4
TWC-17610	74.2	3.1	69.5
TWC-17620	74.0	2.5	69.2
TWC-17630	73.8	3.2	69.1
TWC-17640	75.0	4.3	69.0
TWC-17650	74.7	3.6	69.4
TWC-17660	74.7	3.7	69.5
TWC-17670	74.7	3.7	69.5
TWC-17680	74.2	3.0	69.5
TWC-17690	74.1	3.1	69.5
TWC-17700	74.0	2.9	69.5

PIPE GRADIENT: -1:300 | -1:45 | -1:220 | -1:299 | 1:30 | -1:24 | -1:300 | -1:176 | -1:380 | 1:35 | 1:500

ADDITIONAL INFORMATION:
- SHALLOW BEDROCK
- PEAT — CONSTRUCTION METHOD 2
- PEAT — CONSTRUCTION METHOD 1
- PEAT — CONSTRUCTION METHOD 2
- PEAT — CONSTRUCTION METHOD 2
- PEAT — CONSTRUCTION METHOD 4
- PEAT SOFT GROUND — CONSTRUCTION METHOD 4
- PEAT — CONSTRUCTION METHOD 2

LONGITUDINAL SECTION
(SCALE - Hor 1:2500, Ver 1:250)

0 50 100 150 200 250 m
SCALE 1 : 2500

0 5 10 15 20 25 m
SCALE 1 : 250

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- Planning Application Boundary
- Proposed Pipe Centreline
- Indicative Proposed Wayleave
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- Proposed Construction Compounds or Pipe Storage Depot
- Permanent Wayleave for Existing 1200 Dia Main
- Proposed Haul Road
- LVMV — Existing Electric Overhead Powerline, Low/Medium Voltage
- HV — Existing Electric Overhead Powerline, High Voltage
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- G — Existing Gas Mains
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- Proposed Underground Line
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- Proposed Water Main Connection
- Proposed Electric Overhead Powerline Diversion
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- (LA) (LB) (LC) (LD) Proposed Line Valve
- (MW) Proposed Manway
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PEOP Proposed Electrical Overhead Powerline
POHL Proposed Overhead Line

PROFILE
- Existing Ground Level
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- Minimum Cover Level (1.2 m) and Maximum Invert Level (6.0 m)

OSI Sheet No's:
3438, 3375.

Rev	Description	Drawn	Chk'd	App'd.	Date
F02	FINAL FOR PLANNING	AL/PL/KP	MG	SW	Dec. 2025
F01	FINAL FOR PLANNING	AL/PL/KP	MG	SW	Dec. 2025

Uisce Éireann
Irish Water
Tionscadal Soláthair Uisce
Water Supply Project

UISCE ÉIREANN
COLVILL HOUSE,
TALBOT STREET,
DUBLIN 1,
IRELAND

Call 1890 278 278
Int: 00 353 1 707 2828

Jacobs TOBIN

Originated By	Drawn By	Checked By	Approved By
JB	MVS	HG	SPM
Date 28.09.18	Date 01.12.2025	Date 01.12.2025	Date 01.12.2025

Scale: AS SHOWN @ A1

FINAL

Project Title
WATER SUPPLY PROJECT
EASTERN AND MIDLANDS REGION

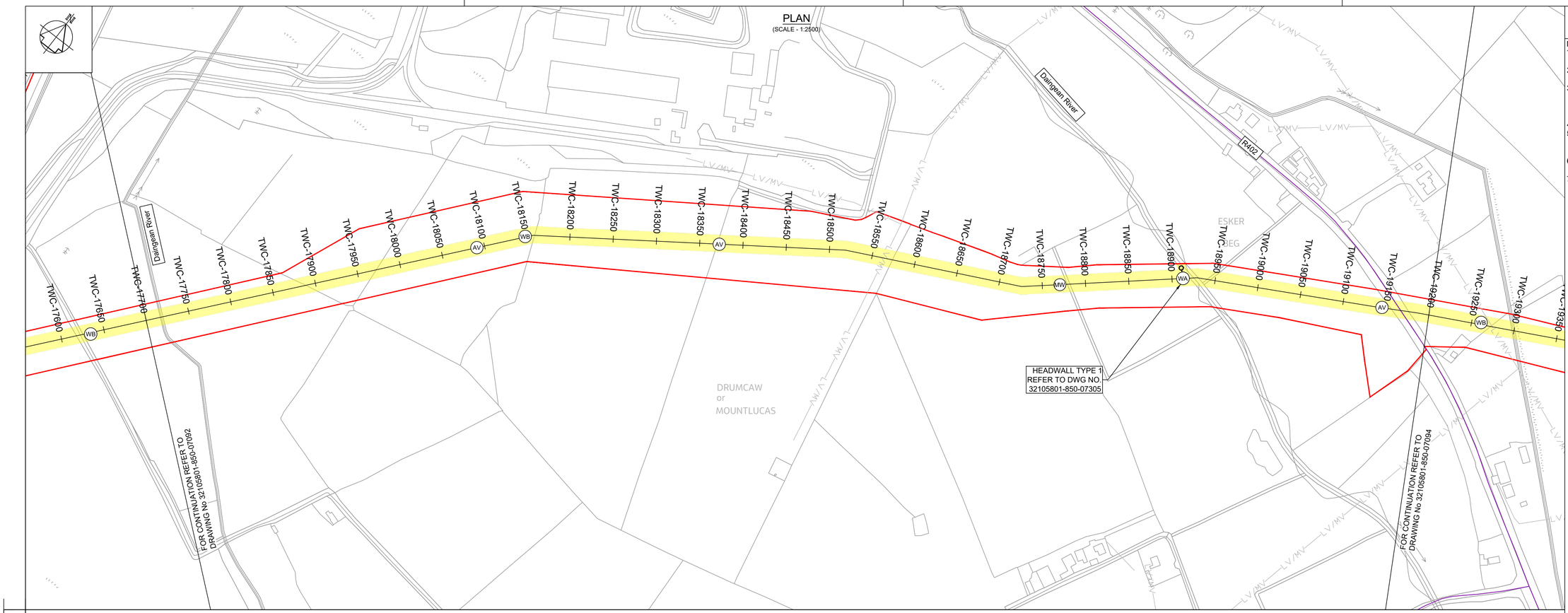
Drawing Title
GRAVITY PIPELINE SECTION C
PLAN AND LONGITUDINAL SECTION
SHEET 12 OF 17

Drawing Status: FINAL FOR PLANNING
Jacobs Tobin No. 32105801 | Client No. 9318

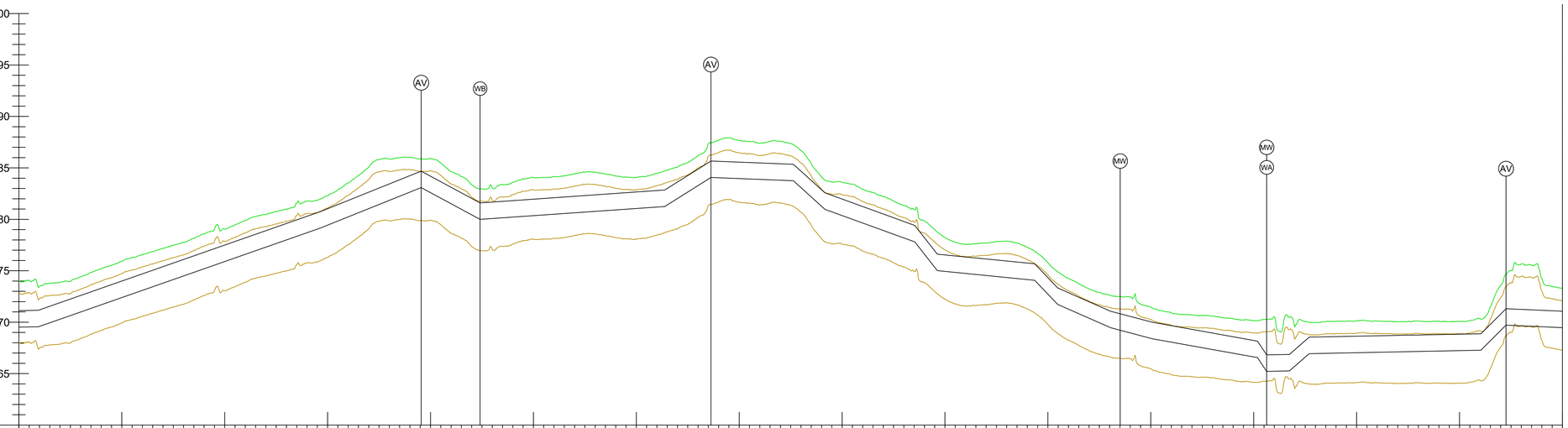
Drawing No.
32105801-850-07092

21.11.2025 08:40:47

PLAN
(SCALE - 1:2500)



ELEVATION (m) AOD



FOR CONTINUATION REFER TO DRAWING No 32105801-850-07092

FOR CONTINUATION REFER TO DRAWING No 32105801-850-07094

Datum (60m AOD)

CHAINAGE (m)	GROUND LEVELS (mAOD)	COVER (mAOD)	INVERT LEVEL (mAOD)
TWC-17700	74.0	2.9	69.5
TWC-17710	74.1	2.9	69.5
TWC-17720	73.5	2.3	69.6
TWC-17730	73.8	2.2	69.9
TWC-17740	73.9	2.0	70.3
TWC-17750	74.0	1.7	70.6
TWC-17760	74.4	1.8	71.0
TWC-17770	74.8	1.9	71.3
TWC-17780	74.9	1.9	71.4
TWC-17790	75.5	1.9	72.0
TWC-17800	75.9	1.9	72.4
TWC-17810	76.3	1.9	72.7
TWC-17820	76.6	1.9	73.1
TWC-17830	76.9	1.8	73.4
TWC-17840	77.2	1.8	73.8
TWC-17850	77.5	1.7	74.1
TWC-17860	77.9	1.7	74.5
TWC-17870	78.2	1.7	74.8
TWC-17880	78.6	1.8	75.2
TWC-17890	79.0	1.9	75.5
TWC-17900	79.1	1.6	75.9
TWC-17910	79.5	1.6	76.2
TWC-17920	79.9	1.7	76.6
TWC-17930	80.3	1.7	76.9
TWC-17940	80.5	1.7	77.1
TWC-17950	80.8	1.5	77.6
TWC-17960	81.0	1.4	78.0
TWC-17970	81.6	1.6	78.3
TWC-17980	81.8	1.5	78.7
TWC-17990	81.8	1.2	79.0
TWC-18000	82.3	1.3	79.4
TWC-18010	82.9	1.4	79.8
TWC-18020	83.5	1.7	80.2
TWC-18030	84.3	2.0	80.6
TWC-18040	85.1	2.4	81.0
TWC-18050	85.8	2.8	81.4
TWC-18060	86.8	2.4	81.8
TWC-18070	86.0	2.1	82.2
TWC-18080	86.0	1.8	82.6
TWC-18090	85.9	1.7	82.7
TWC-18100	85.9	1.7	83.0
TWC-18110	85.5	1.8	82.1
TWC-18120	84.6	1.5	81.5
TWC-18130	84.2	1.6	81.0
TWC-18140	83.4	1.3	80.4
TWC-18150	83.0	1.3	80.0
TWC-18160	83.1	1.4	80.1
TWC-18170	83.4	1.6	80.2
TWC-18180	83.6	1.7	80.3
TWC-18190	83.9	2.0	80.3
TWC-18200	84.1	2.1	80.4
TWC-18210	84.1	2.1	80.4
TWC-18220	84.2	2.1	80.5
TWC-18230	84.2	2.1	80.6
TWC-18240	84.4	2.2	80.6
TWC-18250	84.6	2.3	80.7
TWC-18260	84.6	2.0	80.8
TWC-18270	84.4	2.0	80.8
TWC-18280	84.2	1.7	80.9
TWC-18290	84.1	1.5	81.0
TWC-18300	84.0	1.4	81.0
TWC-18310	84.2	1.7	81.1
TWC-18320	84.5	1.7	81.2
TWC-18330	84.8	1.8	81.4
TWC-18340	85.1	1.9	81.4
TWC-18350	85.5	2.1	82.7
TWC-18360	86.2	1.3	83.3
TWC-18370	87.3	1.8	83.9
TWC-18380	87.7	2.0	84.0
TWC-18390	87.9	2.3	84.0
TWC-18400	87.6	2.1	84.0
TWC-18410	87.6	2.0	83.9
TWC-18420	87.6	2.1	83.8
TWC-18430	87.6	2.1	83.8
TWC-18440	87.6	2.2	83.8
TWC-18450	87.4	2.0	83.8
TWC-18460	86.7	2.0	83.1
TWC-18470	85.4	1.7	82.2
TWC-18480	84.1	1.2	81.3
TWC-18490	83.6	1.3	80.7
TWC-18500	83.6	1.3	80.4
TWC-18510	83.4	1.8	80.0
TWC-18520	82.9	1.7	79.6
TWC-18530	82.6	1.7	79.3
TWC-18540	82.2	1.7	78.9
TWC-18550	81.8	1.6	78.6
TWC-18560	81.4	1.6	78.2
TWC-18570	81.0	1.5	77.8
TWC-18580	80.9	1.6	77.7
TWC-18590	79.0	2.1	75.3
TWC-18600	78.2	1.7	74.9
TWC-18610	77.6	1.2	74.7
TWC-18620	77.6	1.4	74.7
TWC-18630	77.7	1.5	74.5
TWC-18640	77.8	1.4	74.4
TWC-18650	77.8	1.9	74.4
TWC-18660	77.7	1.5	74.2
TWC-18670	77.7	1.9	74.2
TWC-18680	77.3	1.5	74.1
TWC-18690	76.7	1.3	73.8
TWC-18700	75.8	1.5	72.7
TWC-18710	74.9	1.6	71.7
TWC-18720	74.3	1.4	71.3
TWC-18730	73.7	1.3	70.8
TWC-18740	73.4	1.4	70.4
TWC-18750	72.9	1.5	69.9
TWC-18760	72.6	1.5	69.5
TWC-18770	72.5	1.7	69.2
TWC-18780	72.4	1.9	69.0
TWC-18790	71.8	1.5	68.7
TWC-18800	71.5	1.4	68.4
TWC-18810	71.1	1.3	68.2
TWC-18820	71.1	1.4	68.2
TWC-18830	70.7	1.3	67.9
TWC-18840	70.7	1.4	67.7
TWC-18850	70.6	1.5	67.5
TWC-18860	70.4	1.7	67.2
TWC-18870	70.3	1.7	67.0
TWC-18880	70.2	1.8	66.8
TWC-18890	70.1	1.8	66.8
TWC-18910	70.3	3.1	65.6
TWC-18920	70.5	3.7	65.2
TWC-18930	70.5	3.6	65.3
TWC-18940	69.6	2.3	65.7
TWC-18950	70.1	1.9	66.6
TWC-18960	70.0	1.4	67.0
TWC-18970	70.1	1.5	67.0
TWC-18980	70.1	1.5	67.0
TWC-18990	70.1	1.5	67.0
TWC-19000	70.1	1.5	67.0
TWC-19010	70.1	1.4	67.1
TWC-19020	70.1	1.4	67.1
TWC-19030	70.1	1.3	67.1
TWC-19040	70.0	1.3	67.1
TWC-19050	70.1	1.4	67.1
TWC-19060	70.1	1.3	67.2
TWC-19070	70.1	1.3	67.2
TWC-19080	70.1	1.3	67.2
TWC-19090	70.1	1.2	67.2
TWC-19100	70.1	1.2	67.2
TWC-19110	70.1	1.3	67.3
TWC-19120	70.3	1.5	67.3
TWC-19130	70.3	1.5	67.3
TWC-19140	73.5	4.8	68.2
TWC-19150	75.0	3.8	69.7
TWC-19160	75.7	4.4	69.6
TWC-19170	75.5	4.3	69.6
TWC-19180	74.2	3.1	69.6
TWC-19190	73.5	2.4	69.5
TWC-19200	73.3	2.2	69.5

PIPE GRADIENT: 1:500 | 1:29 | 1:25 | -1:19 | 1:143 | 1:66 | -1:250 | -1:11 | -1:28 | -1:8 | -1:101 | -1:10 | -1:23 | -1:38 | -1:56 | 1:1 | 1:500 | -1:1 | 1:500 | 1:10 | -1:226

ADDITIONAL INFORMATION: PEAT CONSTRUCTION METHOD 1 | SHALLOW BEDROCK | PEAT CONSTRUCTION METHOD 1

LONGITUDINAL SECTION
(SCALE - Hor 1:2500, Ver 1:250)

0 50 100 150 200 250 m
SCALE 1 : 2500

0 5 10 15 20 25 m
SCALE 1 : 250

Original Size A1

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- HV Existing Electric Overhead Powerline, High Voltage
- W Existing Water Mains
- G Existing Gas Mains
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- Proposed Underground Earth Cable
- Proposed Underground Line
- Proposed Stay Wire
- Proposed Permanent Layby
- Proposed Water Main Connection
- Proposed Electric Overhead Powerline Diversion
- Proposed Future Takeoff Point
- (AV) Proposed Air Valve
- (WA) Proposed Washout with outfall
- (WB) Proposed Washout without outfall
- (LA) (LB) (LC) (LD) Proposed Line Valve
- (MW) Proposed Manway
- Proposed Washout Outfall Connection/Headwall Location

PEOP Proposed Electrical Overhead Powerline
POHL Proposed Overhead Line

PROFILE
- Existing Ground Level
- Proposed Pipeline
- Minimum Cover Level (1.2 m) and Maximum Invert Level (6.0 m)

OSI Sheet No's:
3375, 3376.

Rev	Description	Drawn	Chk'd	App'd.	Date
F02	FINAL FOR PLANNING	AL/PL/KP	MG	SW	Dec. 2025
F01	FINAL FOR PLANNING	AL/PL/KP	MG	SW	Dec. 2025

Uisce Éireann Irish Water
Tionscadal Soláthair Uisce Water Supply Project
UISCE ÉIREANN
COLVILL HOUSE,
TALBOT STREET,
DUBLIN 1,
IRELAND
Call 1890 278 278
Int: 00 353 1 707 2828

Jacobs TOBIN

Originated By	Drawn By	Checked By	Approved By
JB	MVS	HG	SPM
Date 28.09.18	Date 01.12.25	Date 01.12.25	Date 01.12.25

Scale: AS SHOWN @ A1 — FINAL

Project Title: WATER SUPPLY PROJECT
EASTERN AND MIDLANDS REGION

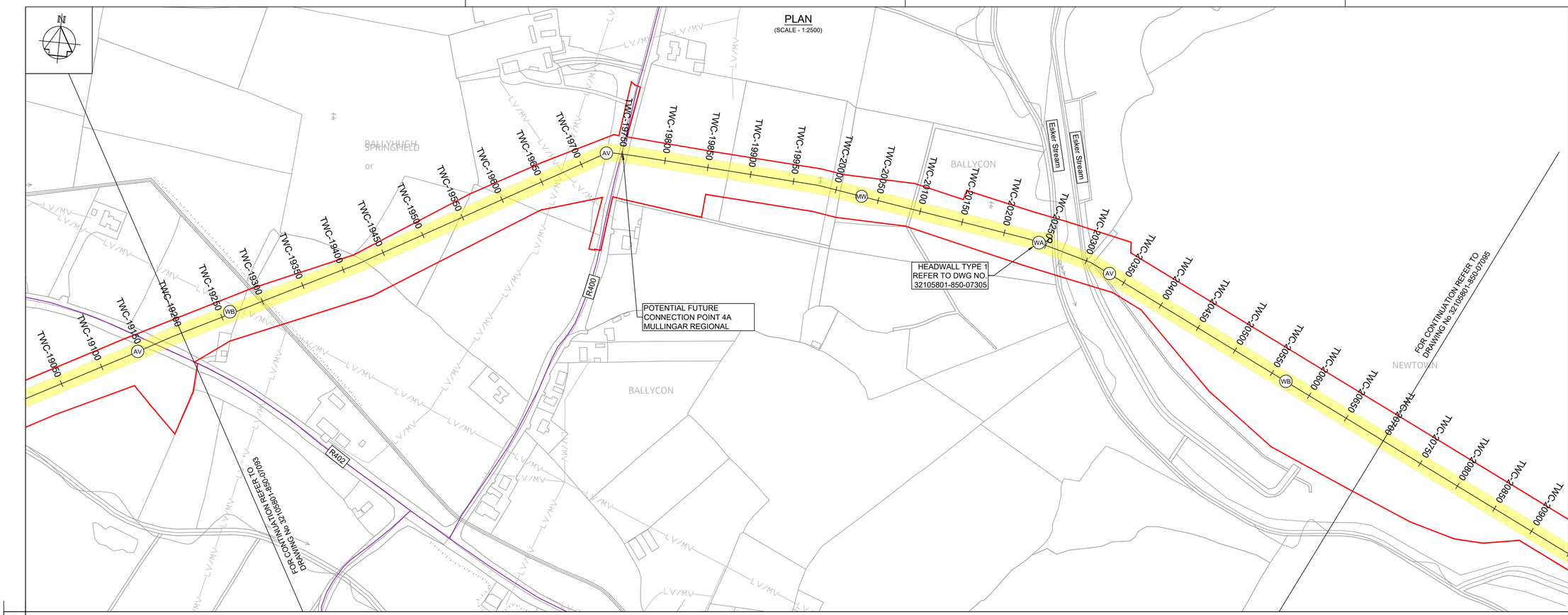
Drawing Title: GRAVITY PIPELINE SECTION C
PLAN AND LONGITUDINAL SECTION
SHEET 13 OF 17

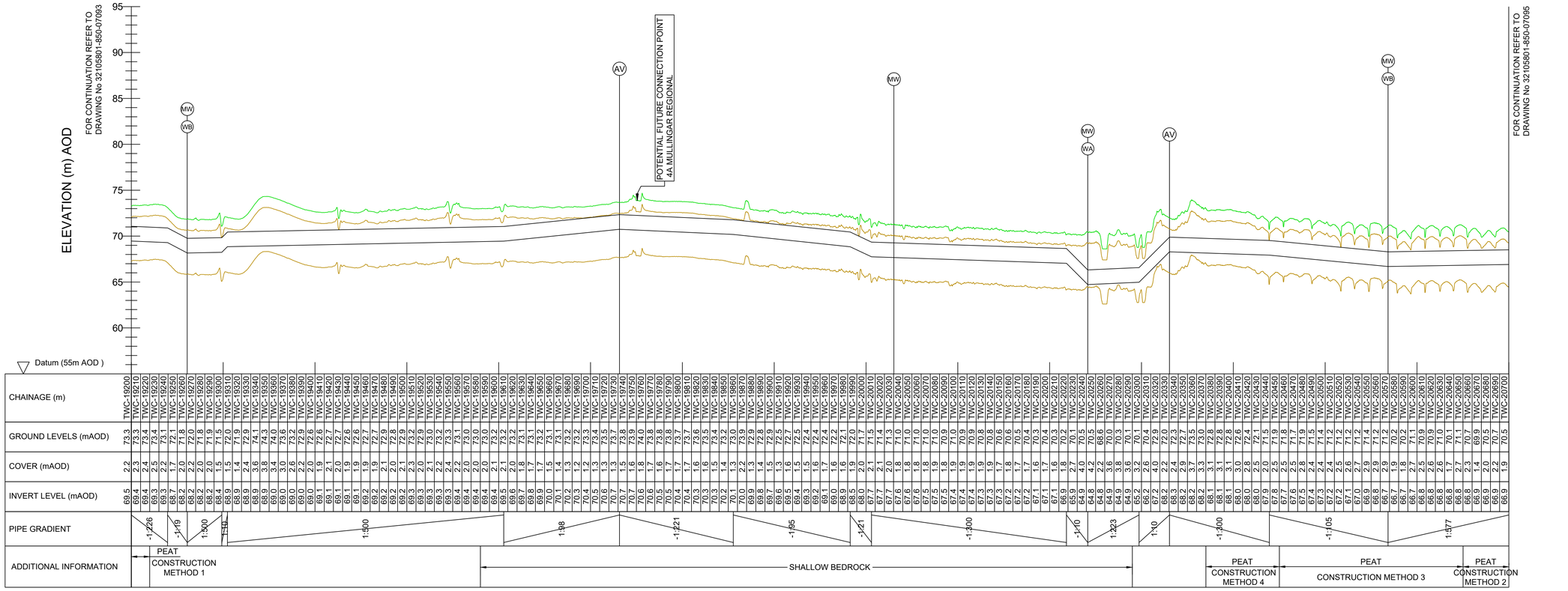
Drawing Status: FINAL FOR PLANNING
Jacobs Tobin No. 32105801 | Client No. 9318

Drawing No.
32105801-850-07093

21.11.2025 08:41:29

PLAN
(SCALE - 1:2500)





LONGITUDINAL SECTION
(SCALE - Hor 1:2500, Ver 1:250)

0 50 100 150 200 250 m
SCALE 1 : 2500

0 5 10 15 20 25 m
SCALE 1 : 250

Original Size
A1

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OSI Sheet No's:
3376.

F02	FINAL FOR PLANNING	AL/PL/KP	MG	SW	Dec. 2025
F01	FINAL FOR PLANNING	AL/PL/KP	MG	SW	Dec. 2025
Rev	Description	Drawn	Chk'd	App'd.	Date

Uisce Éireann
Irish Water
Tionscadal Soláthair Uisce
Water Supply Project

UISCE ÉIREANN
COLVILL HOUSE,
TALBOT STREET,
DUBLIN 1,
IRELAND

Call 1890 278 278
Int: 00 353 1 707 2828

Jacobs TOBIN

Originated By	Drawn By	Checked By	Approved By
JB	MVS	HG	SPM
Date 28.09.18	Date 01.12.25	Date 01.12.25	Date 01.12.25

Scale: AS SHOWN @ A1

FINAL

Project Title
WATER SUPPLY PROJECT
EASTERN AND MIDLANDS REGION

Drawing Title
GRAVITY PIPELINE SECTION C
PLAN AND LONGITUDINAL SECTION
SHEET 14 OF 17

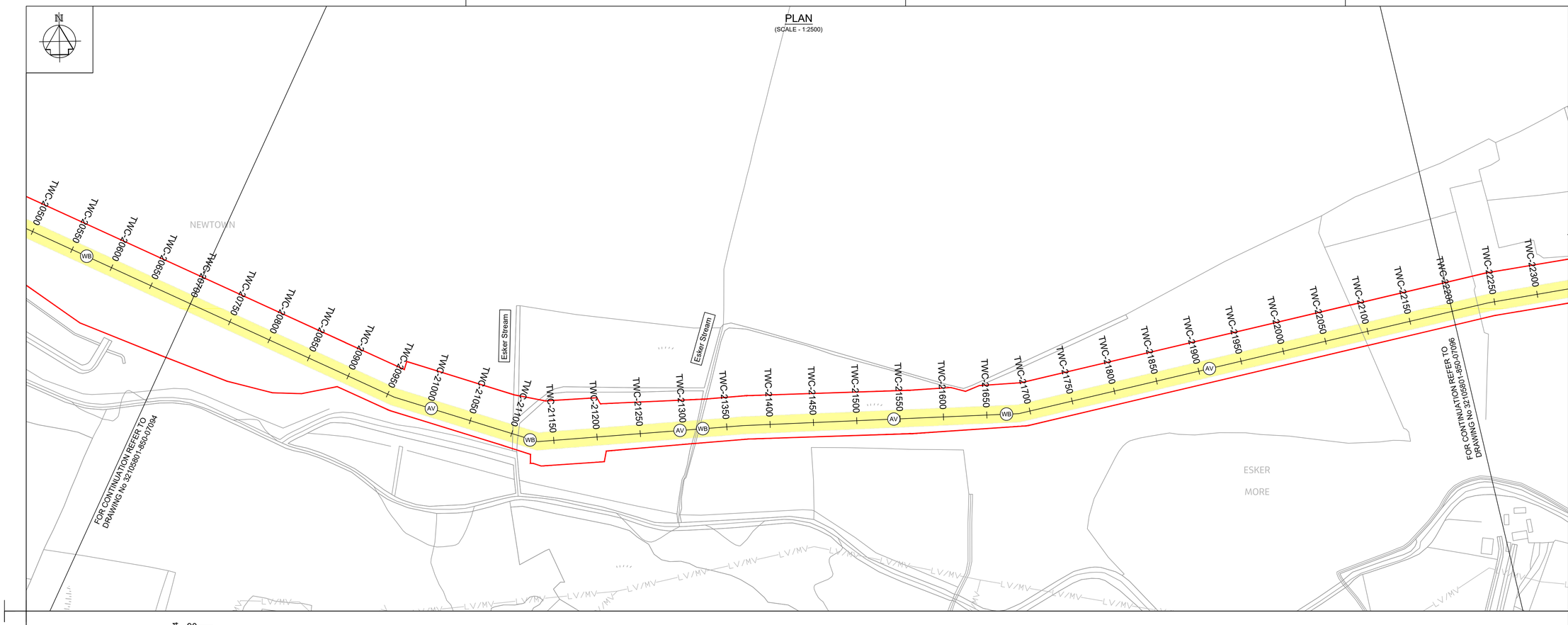
Drawing Status: FINAL FOR PLANNING

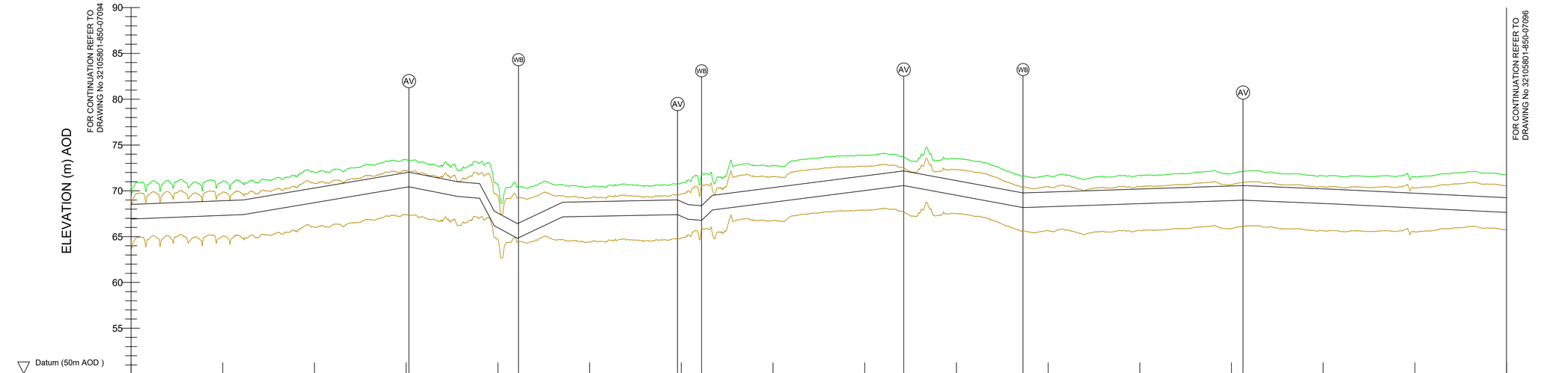
Jacobs Tobin No. 32105801 | Client No. 9318

Drawing No.
32105801-850-07094

21.11.2025 08:42:05

PLAN
(SCALE - 1:2500)





CHAINAGE (m)	GROUND LEVELS (mAOD)	COVER (mAOD)	INVERT LEVEL (mAOD)	PIPE GRADIENT	ADDITIONAL INFORMATION
TWC-20700	70.5	1.9	66.9	1:677	PEAT
TWC-20710	70.9	2.4	67.0		
TWC-20720	70.8	2.2	67.0		
TWC-20730	70.8	2.1	67.0	1:250	CONSTRUCTION METHOD 2
TWC-20740	71.1	2.4	67.1		
TWC-20750	71.0	2.3	67.1		
TWC-20760	70.9	2.1	67.2		
TWC-20770	71.0	2.2	67.2		
TWC-20780	70.9	2.1	67.2		
TWC-20790	71.1	2.3	67.3		
TWC-20800	71.0	2.1	67.3		
TWC-20810	70.8	1.8	67.4		
TWC-20820	71.0	2.0	67.4		
TWC-20830	71.1	2.0	67.5		
TWC-20840	71.1	1.8	67.7		
TWC-20850	71.2	1.8	67.8		
TWC-20860	71.2	1.8	67.8		
TWC-20870	71.5	1.7	68.2		
TWC-20880	71.6	1.6	68.4		
TWC-20890	72.2	2.1	68.5		
TWC-20900	72.0	1.7	68.7		
TWC-20910	72.2	1.7	68.9		
TWC-20920	72.3	1.7	69.0		
TWC-20930	72.4	1.4	69.4		
TWC-20940	72.5	1.5	69.4		
TWC-20950	72.6	1.4	69.5		
TWC-20960	72.9	1.6	69.7		
TWC-20970	72.9	1.5	69.9		
TWC-20980	73.2	1.6	70.0		
TWC-20990	73.3	1.4	70.2		
TWC-21000	73.4	1.4	70.4		
TWC-21010	73.4	1.5	70.3	1:59	
TWC-21020	73.1	1.4	70.1		
TWC-21030	72.9	1.4	69.9		
TWC-21040	72.7	1.4	69.7		
TWC-21050	72.8	1.7	69.5		
TWC-21060	72.3	1.3	69.4		
TWC-21070	72.8	2.0	69.3		
TWC-21080	73.0	2.2	69.2		
TWC-21090	73.7	3.1	69.3		
TWC-21100	73.7	3.3	69.3		
TWC-21110	70.3	4.1	66.3	-1:51	
TWC-21120	70.6	3.5	65.4		
TWC-21130	70.6	3.3	64.9		
TWC-21140	71.0	3.5	65.2	-1:115	
TWC-21150	70.7	3.2	65.7		
TWC-21160	70.7	3.2	65.6	-1:45	
TWC-21170	70.6	2.8	65.6		
TWC-21180	70.6	2.9	65.7	-1:18	
TWC-21190	70.5	2.7	65.8		
TWC-21200	70.4	1.7	67.2		
TWC-21210	70.5	1.6	67.2		
TWC-21220	70.6	1.6	67.2		
TWC-21230	70.6	1.7	67.3	1:21	
TWC-21240	70.6	1.8	67.3		
TWC-21250	70.6	1.6	67.3		
TWC-21260	70.5	1.6	67.3		
TWC-21270	70.5	1.7	67.3		
TWC-21280	70.6	1.7	67.4		
TWC-21290	70.7	1.7	67.4		
TWC-21300	70.8	1.7	67.4	1:300	
TWC-21310	71.0	2.0	67.2		
TWC-21320	71.0	2.5	66.9		
TWC-21330	71.2	2.6	66.8	-1:125	
TWC-21340	71.0	2.6	66.8		
TWC-21350	72.0	2.3	68.1	-1:413	
TWC-21360	72.9	2.9	68.2		
TWC-21370	72.7	3.0	68.4		
TWC-21380	72.8	2.7	68.5		
TWC-21390	72.7	2.6	68.6		
TWC-21400	72.7	2.4	68.7		
TWC-21410	73.1	2.4	68.9	-1:40	
TWC-21420	73.3	2.6	69.0		
TWC-21430	73.4	2.7	69.1		
TWC-21440	73.5	2.6	69.3		
TWC-21450	73.6	2.6	69.4		
TWC-21460	73.7	2.6	69.5	1:78	
TWC-21470	73.8	2.6	69.6		
TWC-21480	73.8	2.4	69.8		
TWC-21490	73.9	2.4	69.9		
TWC-21500	73.9	2.2	70.0		
TWC-21510	73.9	2.2	70.2		
TWC-21520	74.1	2.2	70.3		
TWC-21530	74.0	2.0	70.4		
TWC-21540	73.8	1.8	70.5		
TWC-21550	73.8	1.6	70.4	-1:54	
TWC-21560	73.3	1.2	70.3		
TWC-21570	73.6	1.7	70.2		
TWC-21580	74.2	2.6	69.9		
TWC-21590	73.5	2.2	69.7		
TWC-21600	73.5	2.4	69.5		
TWC-21610	73.4	2.5	69.3		
TWC-21620	73.2	2.5	69.1		
TWC-21630	73.1	2.5	69.0		
TWC-21640	72.8	2.4	68.8		
TWC-21650	72.6	2.2	68.6		
TWC-21660	72.4	2.0	68.6		
TWC-21670	71.6	1.8	68.2		
TWC-21680	71.5	1.7	68.2		
TWC-21690	71.5	1.8	68.2		
TWC-21700	71.7	1.7	68.2		
TWC-21710	71.7	1.7	68.3		
TWC-21720	71.7	1.8	68.3		
TWC-21730	71.7	1.7	68.3		
TWC-21740	71.5	1.5	68.4		
TWC-21750	71.5	1.5	68.4		
TWC-21760	71.5	1.5	68.4		
TWC-21770	71.6	1.4	68.5		
TWC-21780	71.6	1.5	68.5		
TWC-21790	71.6	1.5	68.6		
TWC-21800	71.7	1.5	68.6	1:300	
TWC-21810	71.7	1.6	68.6		
TWC-21820	71.7	1.5	68.7		
TWC-21830	71.8	1.5	68.7		
TWC-21840	71.9	1.6	68.7		
TWC-21850	72.0	1.6	68.8		
TWC-21860	72.1	1.5	68.8		
TWC-21870	72.2	1.7	68.8		
TWC-21880	72.2	1.7	68.8		
TWC-21890	72.2	1.7	68.8		
TWC-21900	71.9	1.4	68.9		
TWC-21910	72.1	1.5	68.9		
TWC-21920	72.2	1.6	68.9		
TWC-21930	72.2	1.7	68.9		
TWC-21940	72.2	1.7	68.9		
TWC-21950	71.9	1.5	68.8		
TWC-21960	71.8	1.5	68.8		
TWC-21970	71.8	1.5	68.7		
TWC-21980	71.8	1.5	68.7		
TWC-21990	71.6	1.4	68.7		
TWC-22000	71.6	1.4	68.6		
TWC-22010	71.6	1.5	68.6		
TWC-22020	71.5	1.5	68.5		
TWC-22030	71.6	1.4	68.5		
TWC-22040	71.6	1.6	68.4		
TWC-22050	71.6	1.7	68.4		
TWC-22060	71.6	1.7	68.3		
TWC-22070	71.7	1.8	68.2		
TWC-22080	71.7	1.7	68.2		
TWC-22090	71.8	1.6	68.2		
TWC-22100	71.6	1.5	68.1	-1:245	
TWC-22110	71.6	1.7	68.1		
TWC-22120	71.6	1.9	68.0		
TWC-22130	71.9	2.0	68.0		
TWC-22140	72.1	2.3	67.9		
TWC-22150	72.0	2.4	67.8		
TWC-22160	72.1	2.7	67.8		
TWC-22170	72.0	2.6	67.8		
TWC-22180	71.9	2.6	67.7		
TWC-22190	71.9	2.6	67.7		
TWC-22200	71.7	2.5	67.6	-1:204	
					PEAT CONSTRUCTION METHOD 3
					PEAT CONSTRUCTION METHOD 1
					PEAT CONSTRUCTION METHOD 2
					PEAT CONSTRUCTION METHOD 1
					PEAT CONSTRUCTION METHOD 2
					PEAT CONSTRUCTION METHOD 1

LONGITUDINAL SECTION
(SCALE - Hor 1:2500, Ver 1:250)

0 50 100 150 200 250 m
SCALE 1 : 2500

0 5 10 15 20 25 m
SCALE 1 : 250

Original Size
A1

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OSI Sheet No's:
3376.

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F02	FINAL FOR PLANNING	AL/PL/KP	MG	SW	Dec. 2025
F01	FINAL FOR PLANNING	AL/PL/KP	MG	SW	Dec. 2025

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Tionscadal Soláthair Uisce Water Supply Project
UISCE ÉIREANN
COLVILL HOUSE,
TALBOT STREET,
DUBLIN 1,
IRELAND
Call 1890 278 278
Int: 00 353 1 707 2828

Jacobs TOBIN

Originated By	Drawn By	Checked By	Approved By
JB	MVS	HG	SPM
Date 28.09.18	Date 01.12.25	Date 01.12.25	Date 01.12.25

Scale: AS SHOWN @ A1
FINAL

Project Title
WATER SUPPLY PROJECT
EASTERN AND MIDLANDS REGION

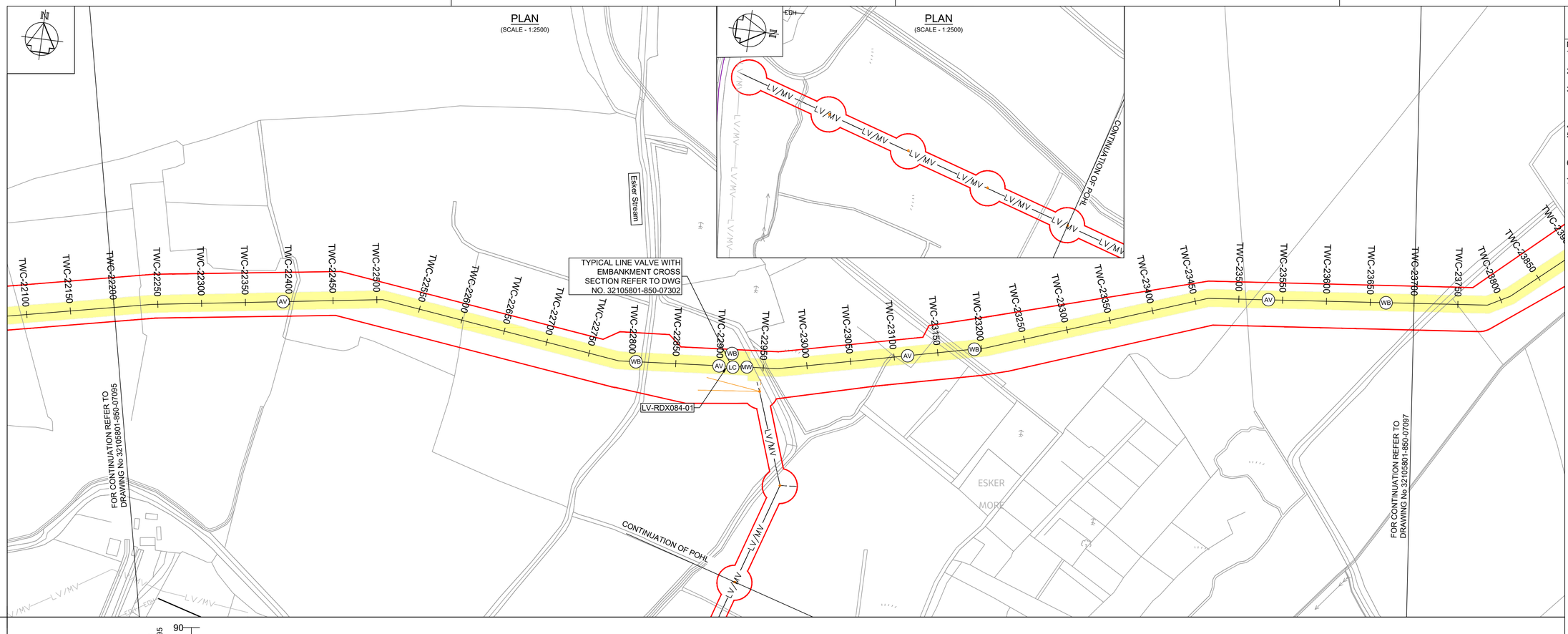
Drawing Title
GRAVITY PIPELINE SECTION C
PLAN AND LONGITUDINAL SECTION
SHEET 15 OF 17

Drawing Status: FINAL FOR PLANNING
Jacobs Tobin No. 32105801
Client No. 9318

Drawing No.
32105801-850-07095

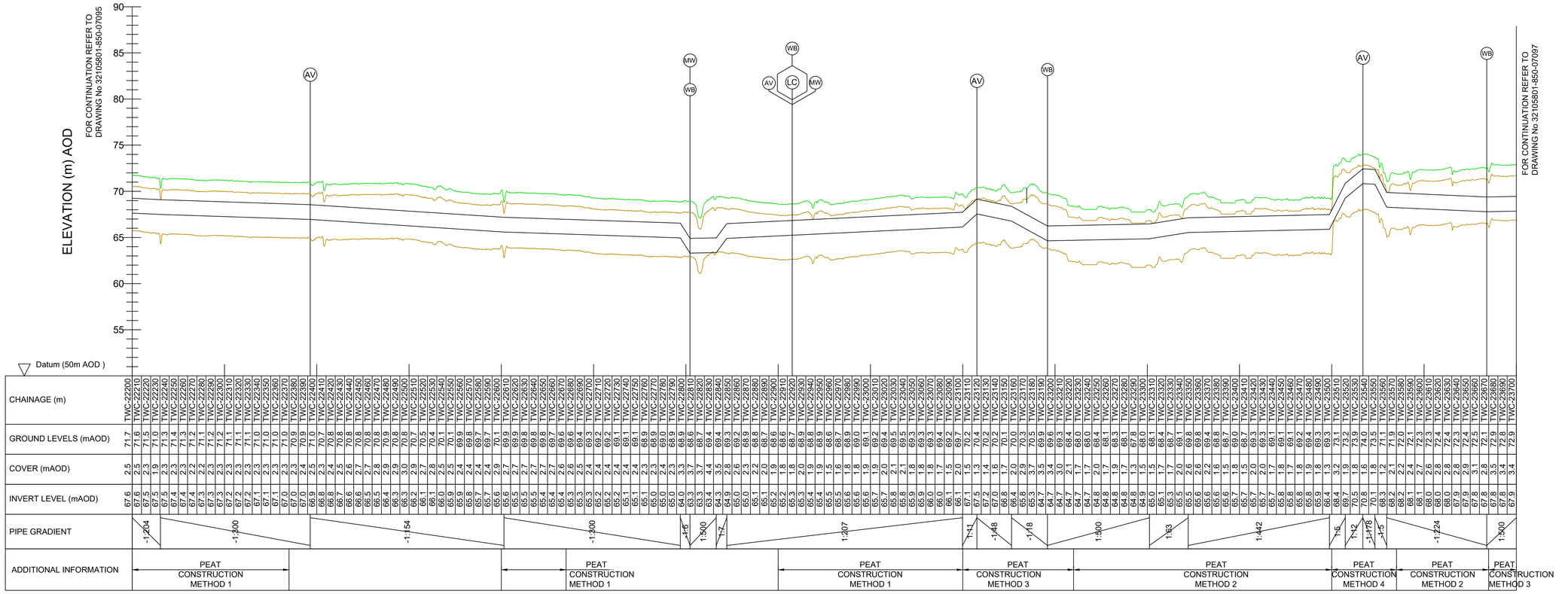
21.11.2025 08:42:41

PLAN
(SCALE - 1:2500)



PLAN
(SCALE - 1:2500)

LONGITUDINAL SECTION
(SCALE - Hor 1:2500, Ver 1:250)



0 50 100 150 200 250 m
SCALE 1 : 2500

0 5 10 15 20 25 m
SCALE 1 : 250

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PLAN LEGEND:
- Planning Application Boundary
- Proposed Pipe Centreline
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- Existing Electric Overhead Powerline, High Voltage
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PEOP Proposed Electrical Overhead Powerline
POHL Proposed Overhead Line

PROFILE
- Existing Ground Level
- Proposed Pipeline
- Minimum Cover Level (1.2 m) and Maximum Invert Level (6.0 m)

OSI Sheet No's:
3376, 3377.

Rev	Description	Drawn	Chk'd	App'd.	Date
F02	FINAL FOR PLANNING	AL/PL/KP	MG	SW	Dec. 2025
F01	FINAL FOR PLANNING	AL/PL/KP	MG	SW	Dec. 2025

Uisce Éireann Irish Water
Tionscadal Soláthair Uisce Water Supply Project
UISCE ÉIREANN
COLVILL HOUSE,
TALBOT STREET,
DUBLIN 1,
IRELAND
Call 1890 278 278
Int: 00 353 1 707 2828

Jacobs TOBIN

Originated By	Drawn By	Checked By	Approved By
JB	MVS	HG	SPM
Date 28.09.18	Date 01.12.2025	Date 01.12.2025	Date 01.12.2025

Scale: AS SHOWN @ A1
FINAL

Project Title
WATER SUPPLY PROJECT
EASTERN AND MIDLANDS REGION

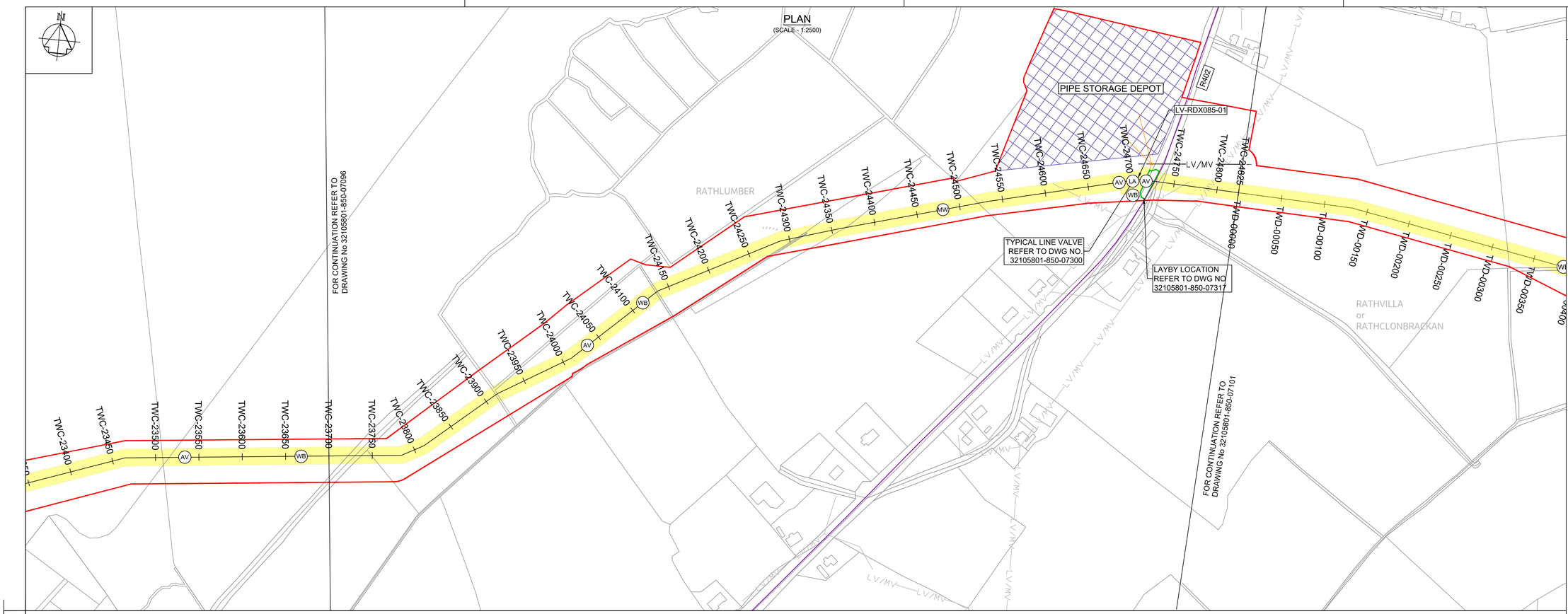
Drawing Title
GRAVITY PIPELINE SECTION C
PLAN AND LONGITUDINAL SECTION
SHEET 16 OF 17

Drawing Status FINAL FOR PLANNING
Jacobs Tobin No. 32105801 Client No. 9318

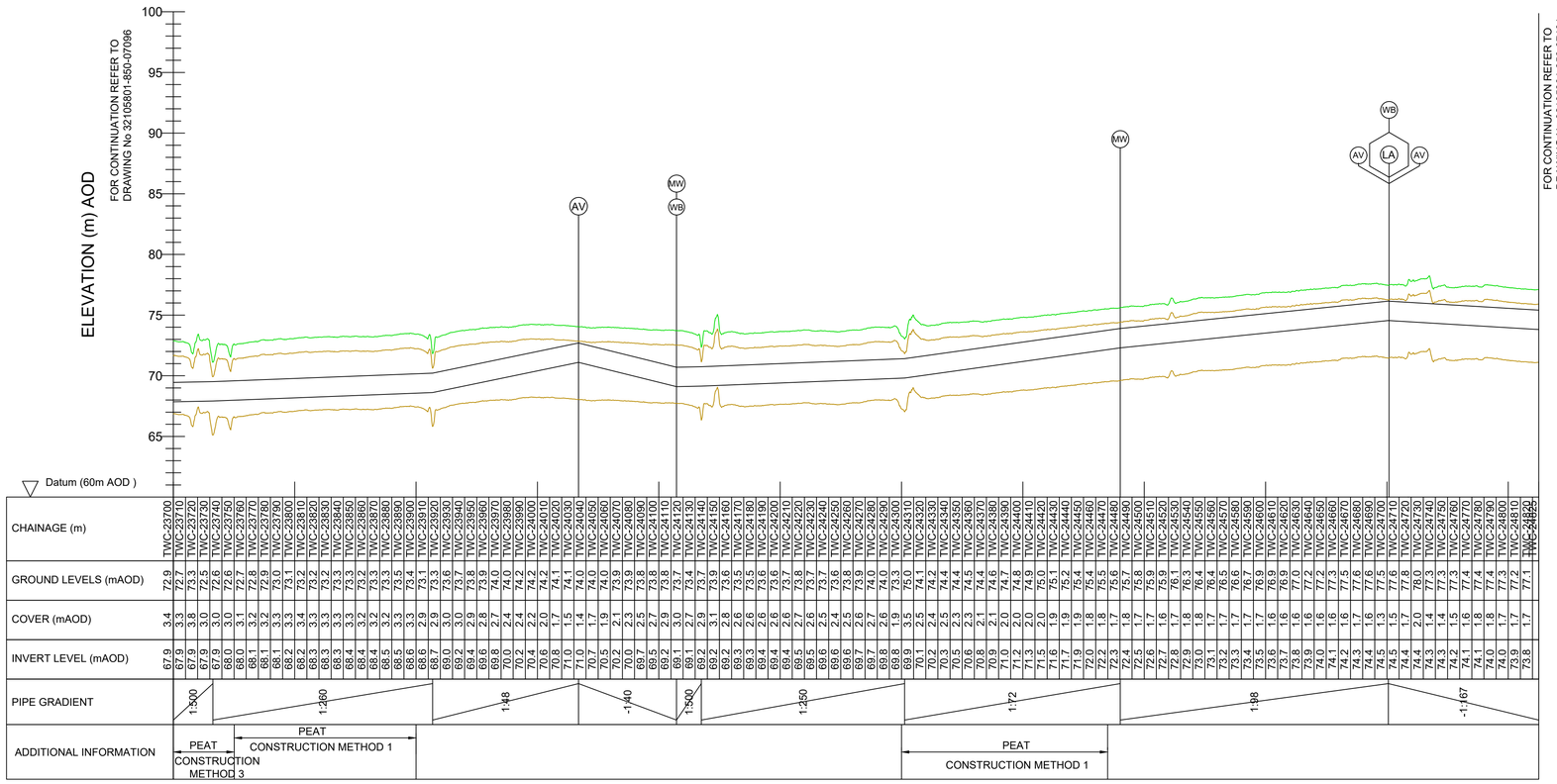
Drawing No.
32105801-850-07096

21.11.2025 08:43:20

PLAN
(SCALE - 1:2500)



LONGITUDINAL SECTION
(SCALE - Hor 1:2500, Ver 1:250)



CHAINAGE (m)	GROUND LEVELS (mAOD)	COVER (mAOD)	INVERT LEVEL (mAOD)
TWC-23700	72.9	3.4	67.9
TWC-23710	72.7	3.3	67.9
TWC-23720	72.3	3.8	67.9
TWC-23730	72.5	3.0	67.9
TWC-23740	72.6	3.0	68.0
TWC-23750	72.6	3.0	68.0
TWC-23760	72.7	3.1	68.0
TWC-23770	72.8	3.2	68.1
TWC-23780	72.9	3.2	68.1
TWC-23790	73.0	3.3	68.1
TWC-23800	73.1	3.3	68.2
TWC-23810	73.2	3.4	68.2
TWC-23820	73.2	3.3	68.3
TWC-23830	73.2	3.3	68.3
TWC-23840	73.3	3.3	68.3
TWC-23850	73.3	3.3	68.4
TWC-23860	73.2	3.2	68.4
TWC-23870	73.3	3.2	68.4
TWC-23880	73.3	3.2	68.5
TWC-23890	73.5	3.3	68.5
TWC-23900	73.6	3.4	68.6
TWC-23910	73.1	2.9	68.7
TWC-23920	73.3	3.0	68.7
TWC-23930	73.6	3.0	69.0
TWC-23940	73.7	3.0	69.2
TWC-23950	73.8	2.9	69.4
TWC-23960	73.9	2.8	69.6
TWC-23970	74.0	2.7	69.8
TWC-23980	74.0	2.6	69.9
TWC-23990	74.2	2.4	70.2
TWC-24000	74.2	2.2	70.4
TWC-24010	74.2	2.0	70.6
TWC-24020	74.1	1.7	70.8
TWC-24030	74.1	1.5	71.0
TWC-24040	74.0	1.4	71.0
TWC-24050	74.0	1.3	71.0
TWC-24060	74.0	1.1	70.7
TWC-24070	73.9	1.0	70.5
TWC-24080	73.9	2.1	70.5
TWC-24090	73.8	2.3	70.0
TWC-24100	73.8	2.5	69.7
TWC-24110	73.8	2.7	69.5
TWC-24120	73.7	2.9	69.2
TWC-24130	73.4	3.0	69.1
TWC-24140	73.3	2.9	69.1
TWC-24150	73.9	3.1	69.2
TWC-24160	73.6	2.8	69.2
TWC-24170	73.5	2.6	69.3
TWC-24180	73.5	2.6	69.3
TWC-24190	73.6	2.6	69.4
TWC-24200	73.6	2.6	69.4
TWC-24210	73.8	2.6	69.4
TWC-24220	73.8	2.6	69.5
TWC-24230	73.7	2.6	69.5
TWC-24240	73.7	2.5	69.6
TWC-24250	73.6	2.4	69.6
TWC-24260	73.8	2.5	69.6
TWC-24270	73.9	2.6	69.7
TWC-24280	74.0	2.7	69.8
TWC-24290	74.0	2.6	69.9
TWC-24300	75.0	3.5	69.9
TWC-24310	75.0	2.5	70.1
TWC-24320	74.1	2.4	70.2
TWC-24330	74.2	2.4	70.2
TWC-24340	74.4	2.5	70.3
TWC-24350	74.5	2.3	70.5
TWC-24360	74.4	2.1	70.6
TWC-24370	74.4	2.1	70.8
TWC-24380	74.5	2.0	71.0
TWC-24390	74.7	2.0	71.2
TWC-24400	74.8	2.0	71.3
TWC-24410	74.9	2.0	71.5
TWC-24420	75.0	2.0	71.5
TWC-24430	75.1	1.9	71.6
TWC-24440	75.2	1.9	71.7
TWC-24450	75.4	1.9	71.9
TWC-24460	75.5	1.8	72.1
TWC-24470	75.5	1.8	72.2
TWC-24480	75.6	1.7	72.3
TWC-24490	75.7	1.8	72.4
TWC-24500	75.8	1.7	72.5
TWC-24510	75.9	1.7	72.6
TWC-24520	75.9	1.6	72.7
TWC-24530	76.1	1.7	72.8
TWC-24540	76.1	1.8	72.8
TWC-24550	76.4	1.8	73.0
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TWC-24580	76.6	1.7	73.3
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TWC-24600	76.9	1.7	73.5
TWC-24610	76.9	1.6	73.6
TWC-24620	76.9	1.6	73.7
TWC-24630	77.0	1.7	73.8
TWC-24640	77.2	1.6	73.9
TWC-24650	77.2	1.6	74.0
TWC-24660	77.3	1.6	74.1
TWC-24670	77.5	1.6	74.2
TWC-24680	77.6	1.7	74.3
TWC-24690	77.6	1.8	74.4
TWC-24700	77.6	1.5	74.5
TWC-24710	77.6	1.7	74.4
TWC-24720	77.8	1.7	74.4
TWC-24730	78.0	2.0	74.4
TWC-24740	77.3	1.4	74.3
TWC-24750	77.3	1.4	74.3
TWC-24760	77.3	1.5	74.2
TWC-24770	77.4	1.6	74.1
TWC-24780	77.4	1.8	74.1
TWC-24790	77.4	1.8	74.1
TWC-24800	77.3	1.7	74.0
TWC-24810	77.2	1.7	74.0
TWC-24820	77.1	1.7	73.9
TWC-24825	77.1	1.7	73.8

0 50 100 150 200 250 m
SCALE 1 : 2500

0 5 10 15 20 25 m
SCALE 1 : 250

Original Size
A1

Notes:
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3377.

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Uisce Éireann
Irish Water
Tionscadal Soláthair Uisce
Water Supply Project

UISCE ÉIREANN
COLVILL HOUSE,
TALBOT STREET,
DUBLIN 1,
IRELAND

Call 1890 278 278
Int: 00 353 1 707 2828

Jacobs TOBIN

Originated By	Drawn By	Checked By	Approved By
JB	MVS	HG	SPM
Date 28.09.18	Date 01.12.2025	Date 01.12.2025	Date 01.12.2025

Scale: AS SHOWN @ A1
FINAL

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EASTERN AND MIDLANDS REGION

Drawing Title
GRAVITY PIPELINE SECTION C
PLAN AND LONGITUDINAL SECTION
SHEET 17 OF 17

Drawing Status: FINAL FOR PLANNING
Jacobs Tobin No. 32105801 | Client No. 9318

Drawing No.
32105801-850-07097

21.11.2025 08:44:11