SECTION D
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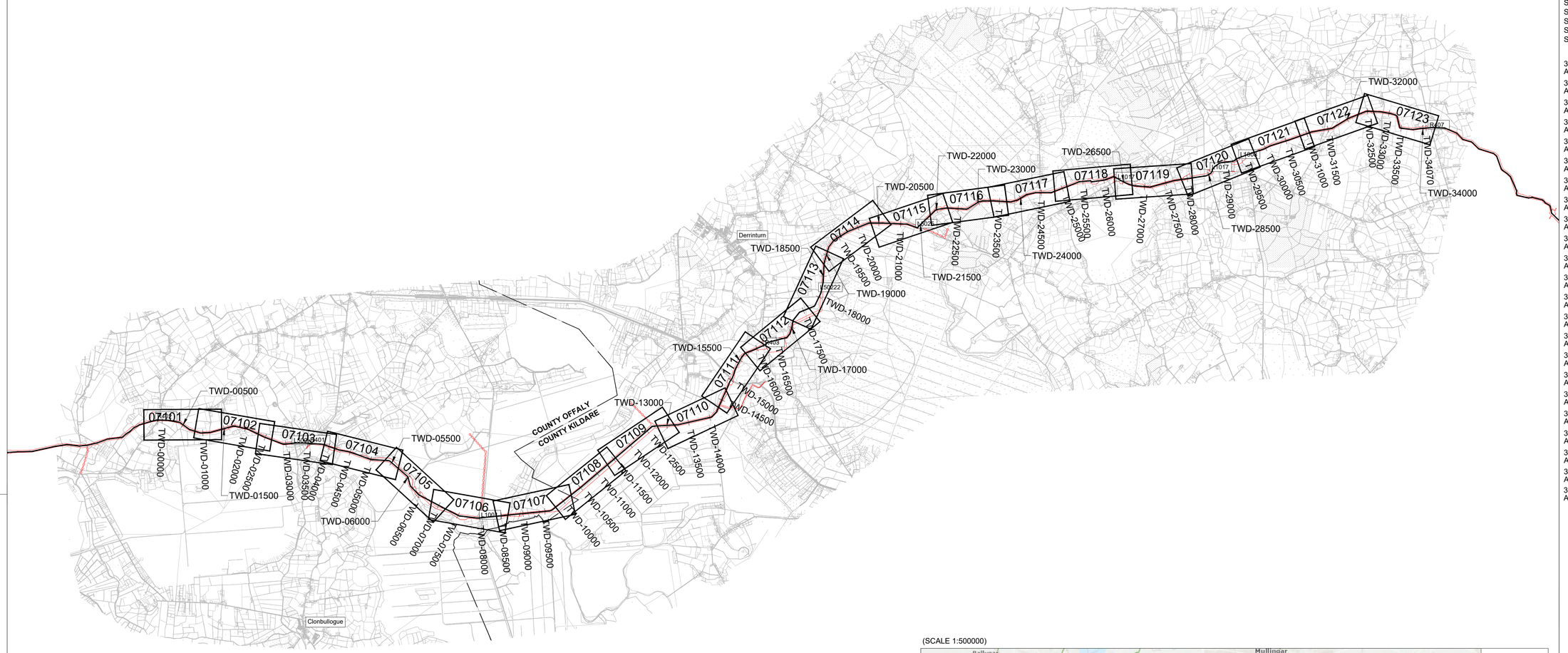

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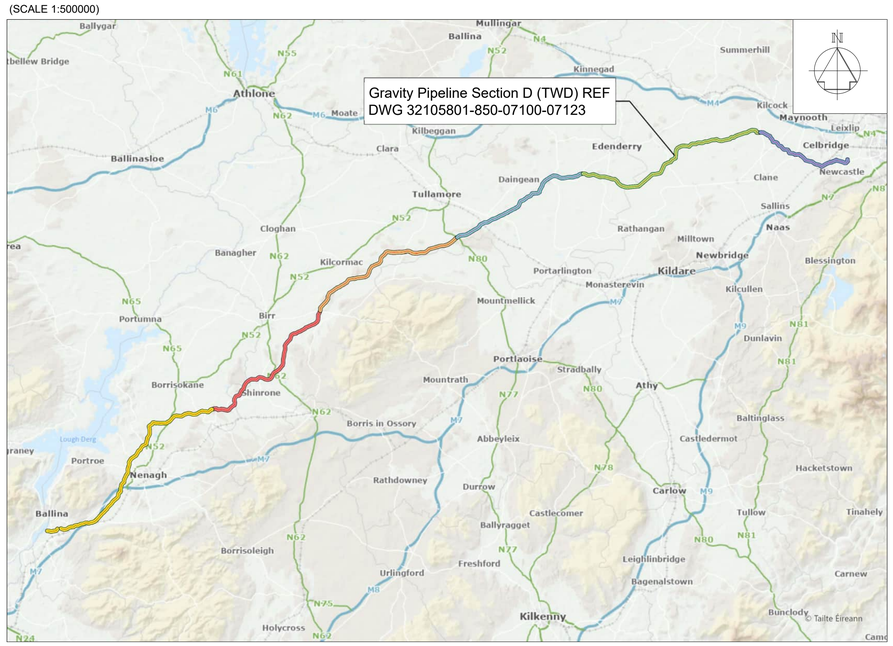


Original Size
A1

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

32105801-850-07101-GRAVITY PIPELINE SECTION D PLAN AND LONGITUDINAL SECTION SHEET 1 OF 23
32105801-850-07102-GRAVITY PIPELINE SECTION D PLAN AND LONGITUDINAL SECTION SHEET 2 OF 23
32105801-850-07103-GRAVITY PIPELINE SECTION D PLAN AND LONGITUDINAL SECTION SHEET 3 OF 23
32105801-850-07104-GRAVITY PIPELINE SECTION D PLAN AND LONGITUDINAL SECTION SHEET 4 OF 23
32105801-850-07105-GRAVITY PIPELINE SECTION D PLAN AND LONGITUDINAL SECTION SHEET 5 OF 23
32105801-850-07106-GRAVITY PIPELINE SECTION D PLAN AND LONGITUDINAL SECTION SHEET 6 OF 23
32105801-850-07107-GRAVITY PIPELINE SECTION D PLAN AND LONGITUDINAL SECTION SHEET 7 OF 23
32105801-850-07108-GRAVITY PIPELINE SECTION D PLAN AND LONGITUDINAL SECTION SHEET 8 OF 23
32105801-850-07109-GRAVITY PIPELINE SECTION D PLAN AND LONGITUDINAL SECTION SHEET 9 OF 23
32105801-850-07110-GRAVITY PIPELINE SECTION D PLAN AND LONGITUDINAL SECTION SHEET 10 OF 23
32105801-850-07111-GRAVITY PIPELINE SECTION D PLAN AND LONGITUDINAL SECTION SHEET 11 OF 23
32105801-850-07112-GRAVITY PIPELINE SECTION D PLAN AND LONGITUDINAL SECTION SHEET 12 OF 23
32105801-850-07113-GRAVITY PIPELINE SECTION D PLAN AND LONGITUDINAL SECTION SHEET 13 OF 23
32105801-850-07114-GRAVITY PIPELINE SECTION D PLAN AND LONGITUDINAL SECTION SHEET 14 OF 23
32105801-850-07115-GRAVITY PIPELINE SECTION D PLAN AND LONGITUDINAL SECTION SHEET 15 OF 23
32105801-850-07116-GRAVITY PIPELINE SECTION D PLAN AND LONGITUDINAL SECTION SHEET 16 OF 23
32105801-850-07117-GRAVITY PIPELINE SECTION D PLAN AND LONGITUDINAL SECTION SHEET 17 OF 23
32105801-850-07118-GRAVITY PIPELINE SECTION D PLAN AND LONGITUDINAL SECTION SHEET 18 OF 23
32105801-850-07119-GRAVITY PIPELINE SECTION D PLAN AND LONGITUDINAL SECTION SHEET 19 OF 23
32105801-850-07120-GRAVITY PIPELINE SECTION D PLAN AND LONGITUDINAL SECTION SHEET 20 OF 23
32105801-850-07121-GRAVITY PIPELINE SECTION D PLAN AND LONGITUDINAL SECTION SHEET 21 OF 23
32105801-850-07122-GRAVITY PIPELINE SECTION D PLAN AND LONGITUDINAL SECTION SHEET 22 OF 23
32105801-850-07123-GRAVITY PIPELINE SECTION D PLAN AND LONGITUDINAL SECTION SHEET 23 OF 23

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	DC	JB	SPM
Date	Date	Date	Date
27.09.18	01.12.2025	01.12.2025	01.12.2025

Scale: AS SHOWN @ A1
FINAL

Project Title
WATER SUPPLY PROJECT
EASTERN AND MIDLANDS REGION

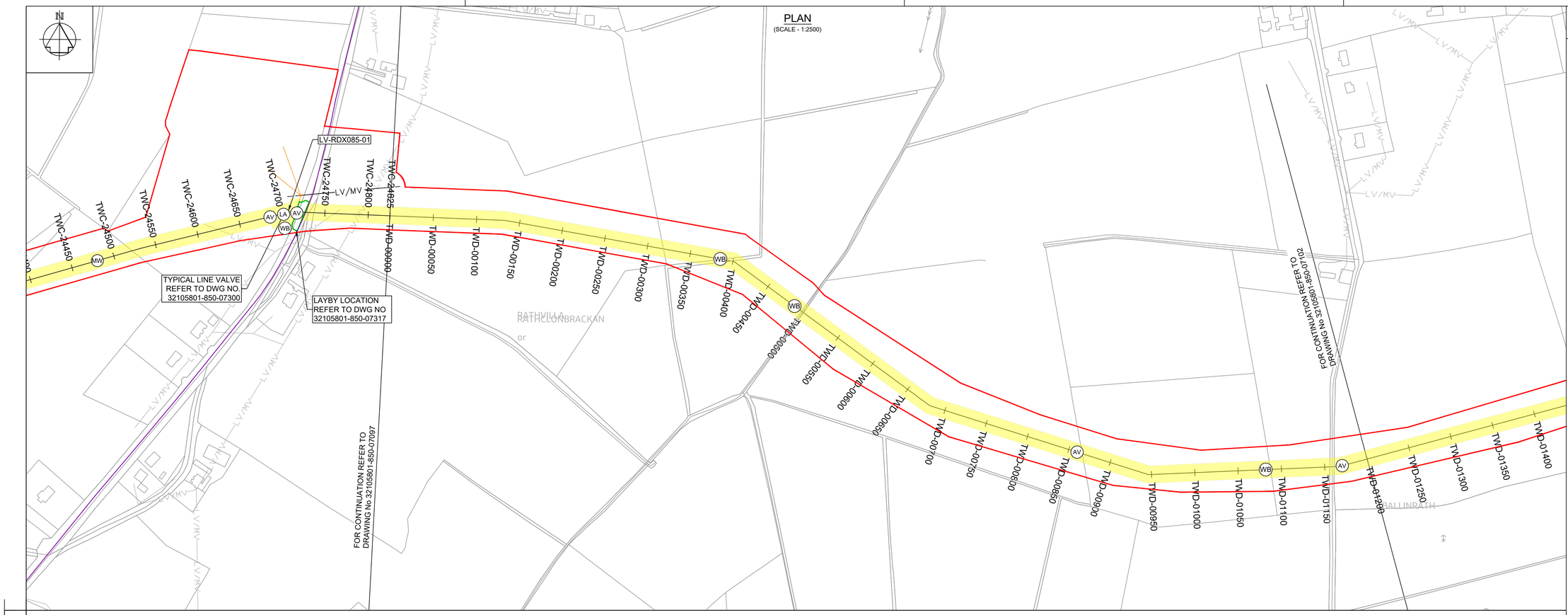
Drawing Title
GRAVITY PIPELINE SECTION D
KEY PLAN
SHEET 1 OF 1

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

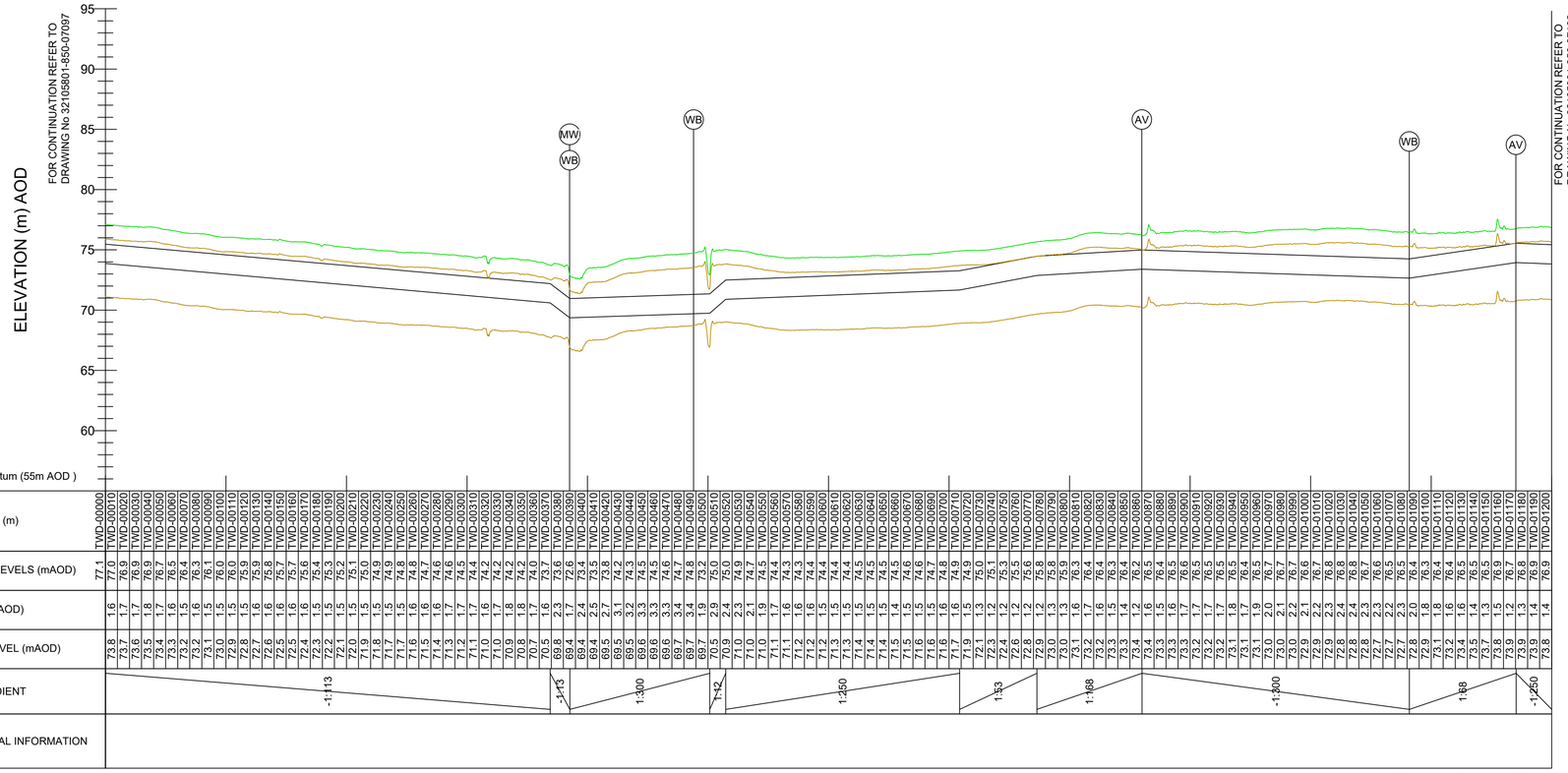
Drawing No.
32105801-850-07100

21.11.2025 11:35:22

PLAN
(SCALE - 1:2500)



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



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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.
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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
- 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:
3377.

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	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 D
PLAN AND LONGITUDINAL SECTION
SHEET 1 OF 23

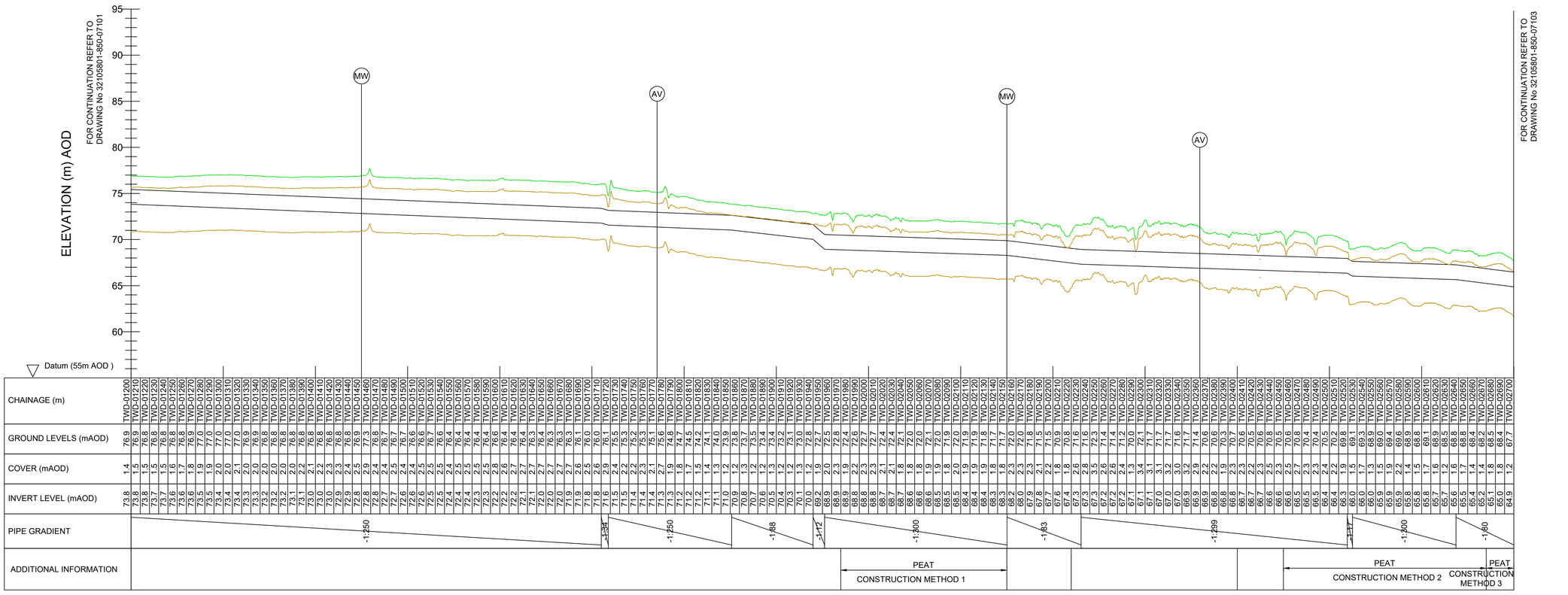
Drawing Status FINAL FOR PLANNING
Jacobs Tobin No. 32105801 | Client No. 9318

Drawing No.
32105801-850-07101

21.11.2025 11:36:11

PLAN
(SCALE - 1:2500)

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



SCALE 1 : 2500

SCALE 1 : 250

Original Size
A1

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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
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- (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:

3377, 3378.

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	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 D
PLAN AND LONGITUDINAL SECTION
SHEET 2 OF 23

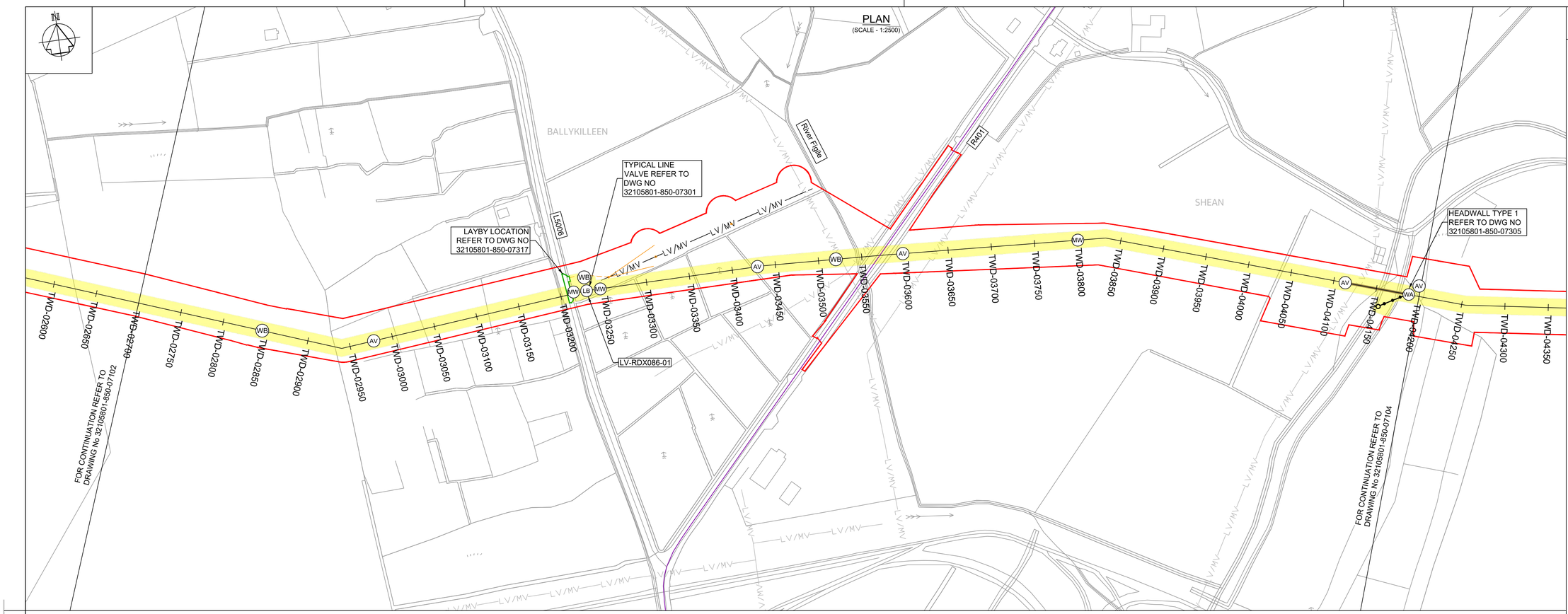
Drawing Status: FINAL FOR PLANNING
Jacobs Tobin No. 32105801 | Client No. 9318

Drawing No.
32105801-850-07102

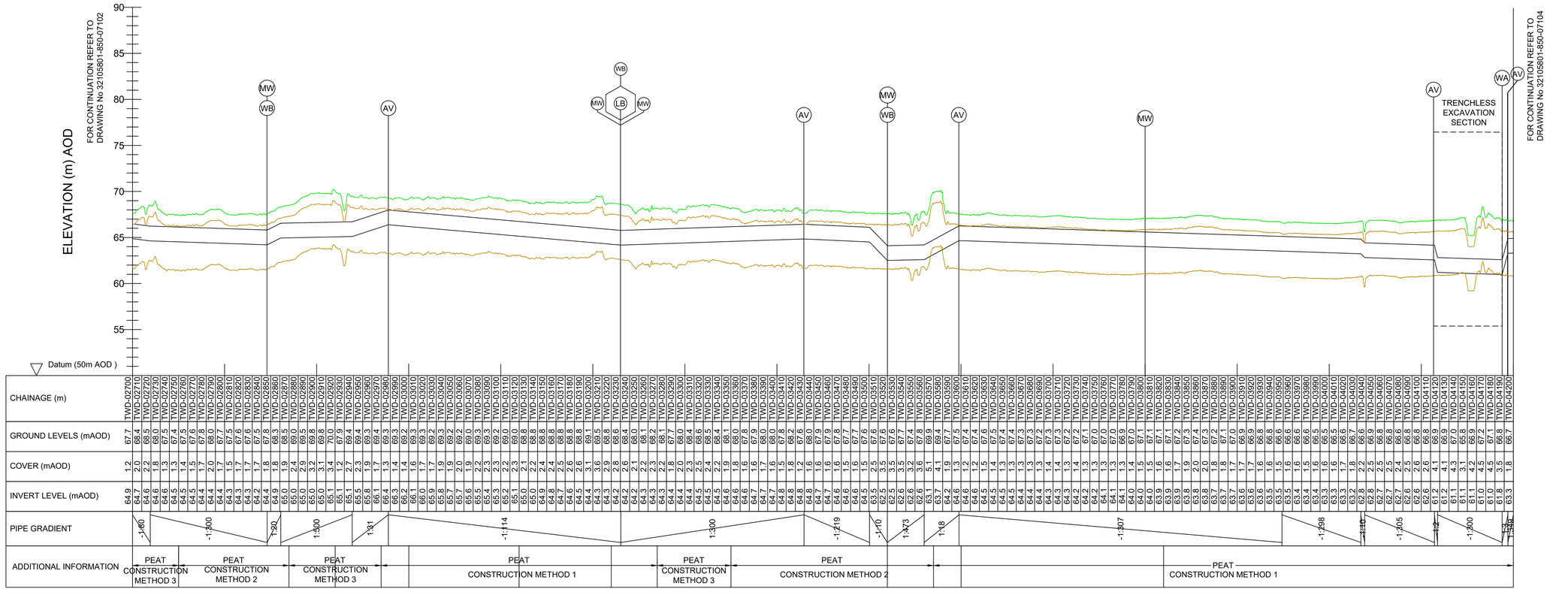
21.11.2025 11:37:02

Original Size
A1

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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- Planning Application Boundary
- Proposed Pipe Centreline
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- 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
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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:
3378.

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

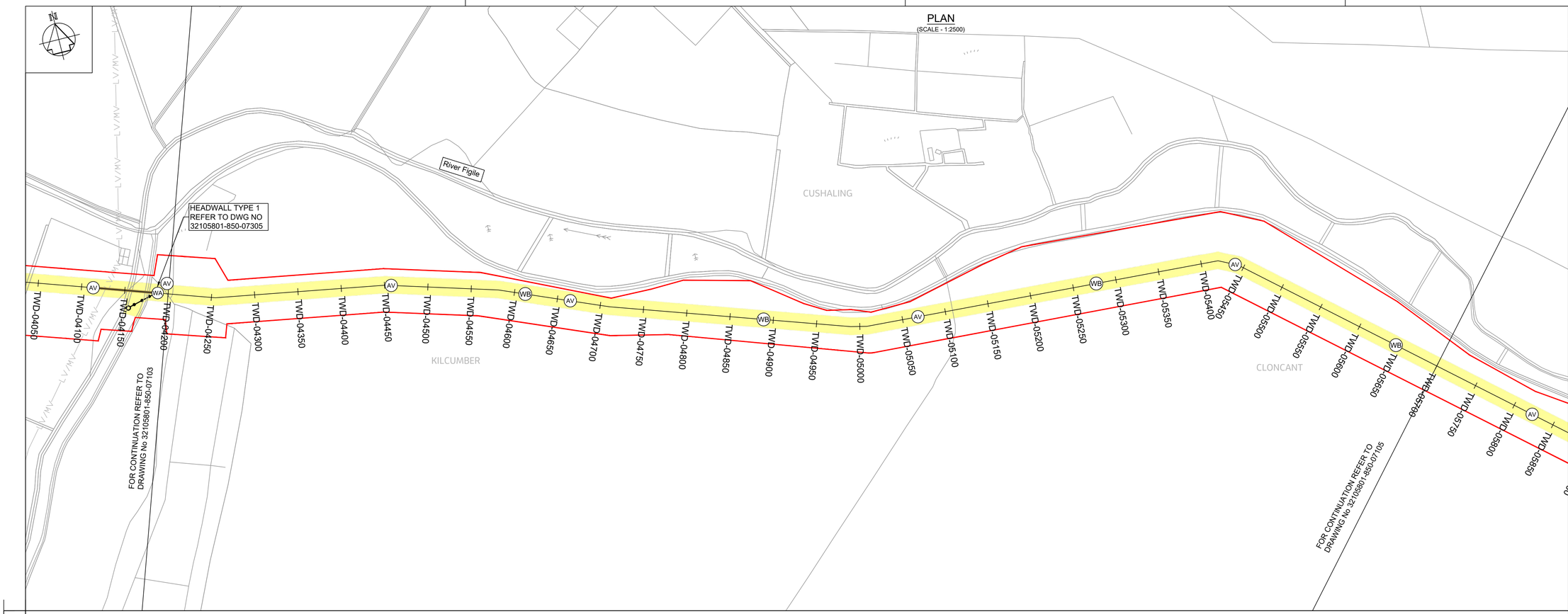
Drawing Title
GRAVITY PIPELINE SECTION D
PLAN AND LONGITUDINAL SECTION
SHEET 3 OF 23

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

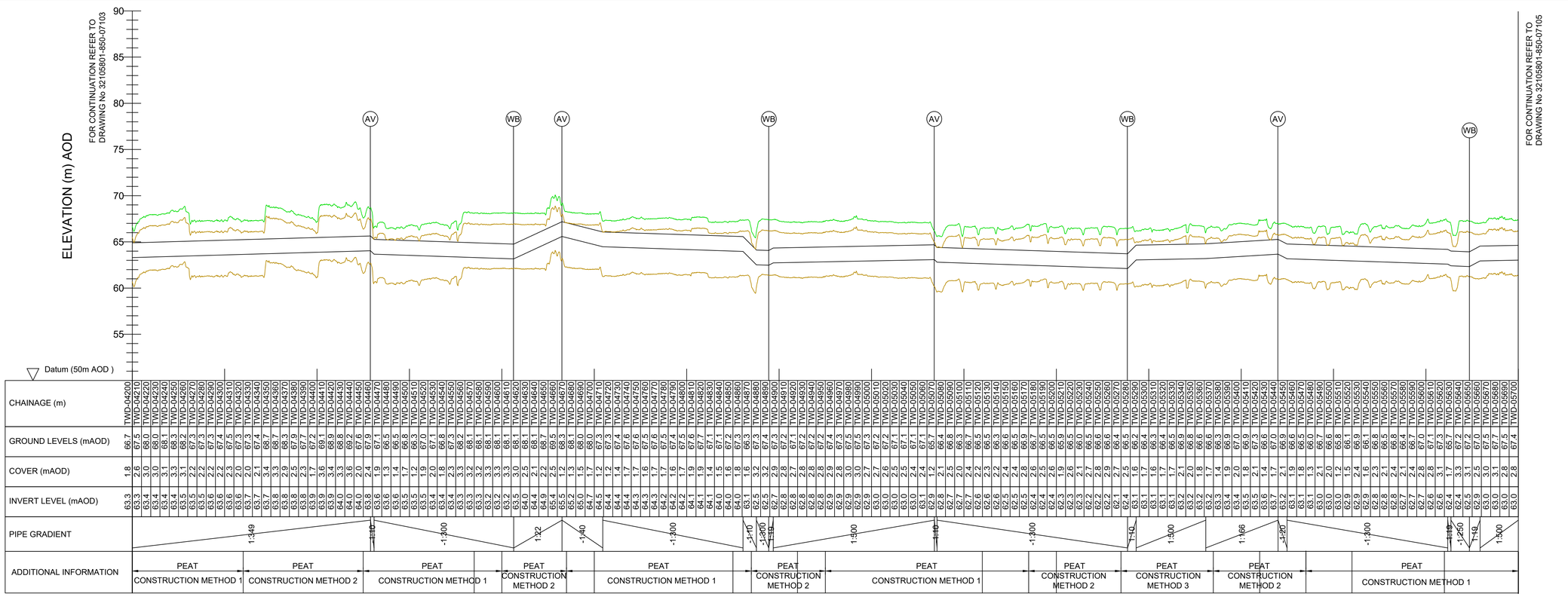
Drawing No.
32105801-850-07103

21.11.2025 11:37:51

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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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:
3378.

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	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 D
PLAN AND LONGITUDINAL SECTION
SHEET 4 OF 23

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

Drawing No.
32105801-850-07104

21.11.2025 11:38:40

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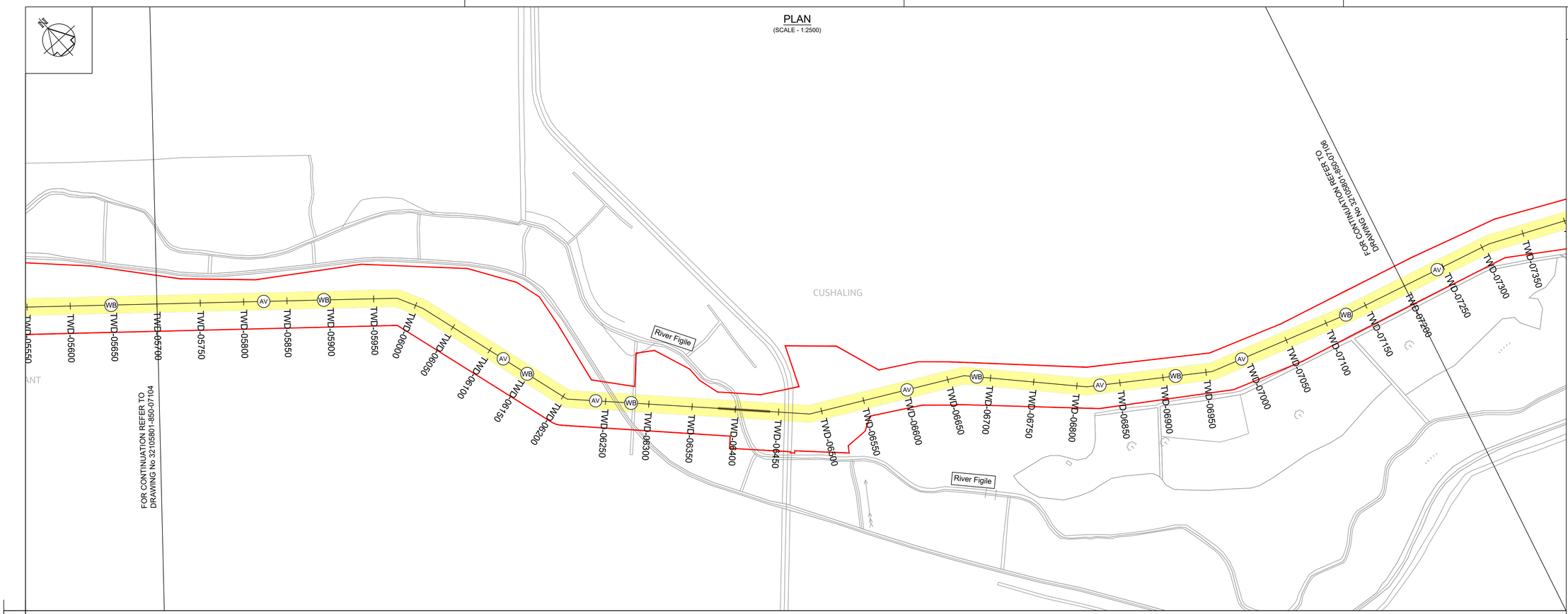
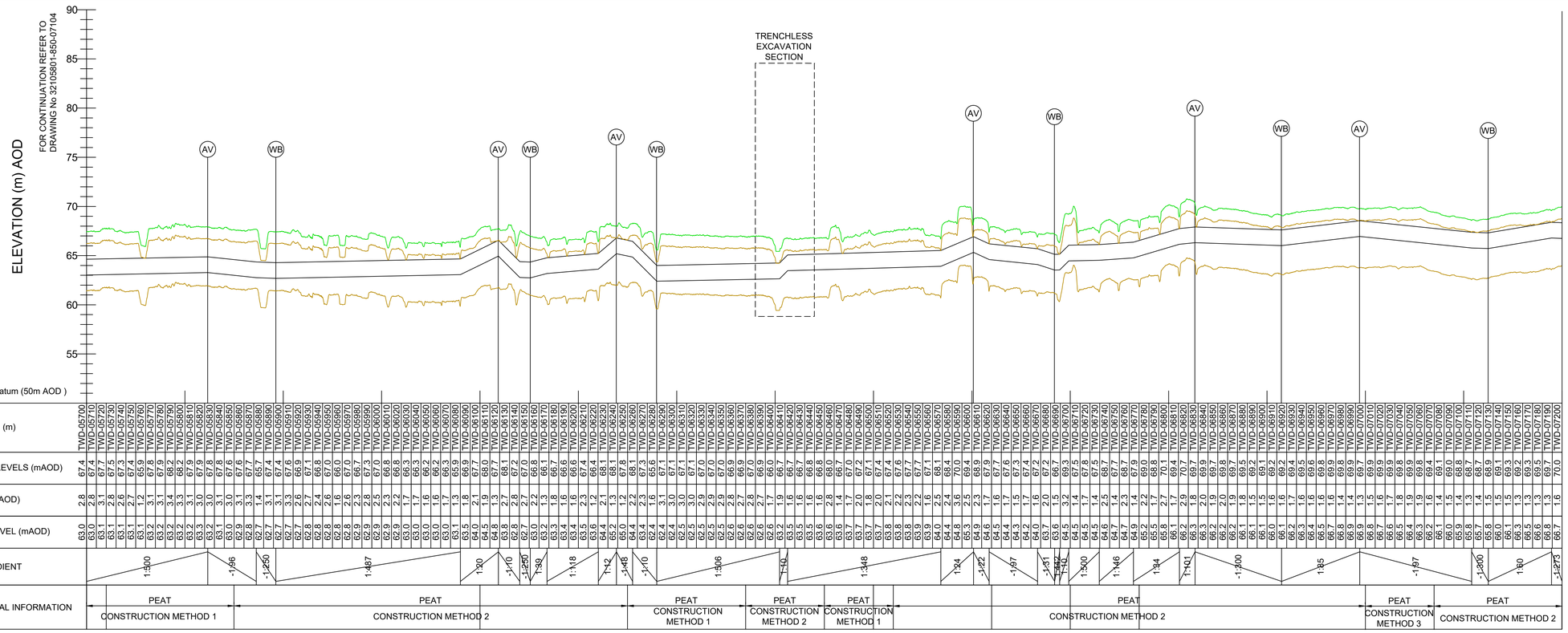
(SCALE - 1:2500)





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

SCALE 1 : 2500

SCALE 1 : 250

Original Size A1

Notes:
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- LVMV 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
- LVMV Proposed Electric Overhead Powerlines
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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:
3378, 3379.

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,
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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	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

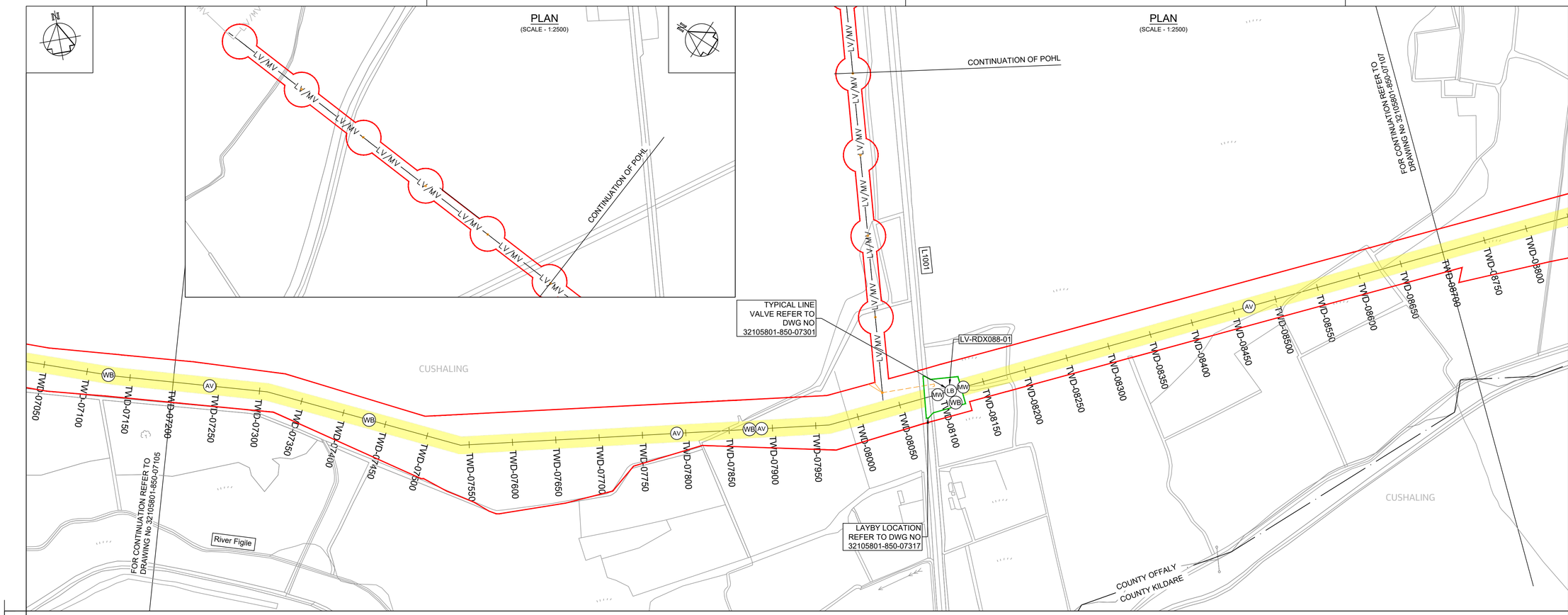
Drawing Title
GRAVITY PIPELINE SECTION D
PLAN AND LONGITUDINAL SECTION
SHEET 5 OF 23

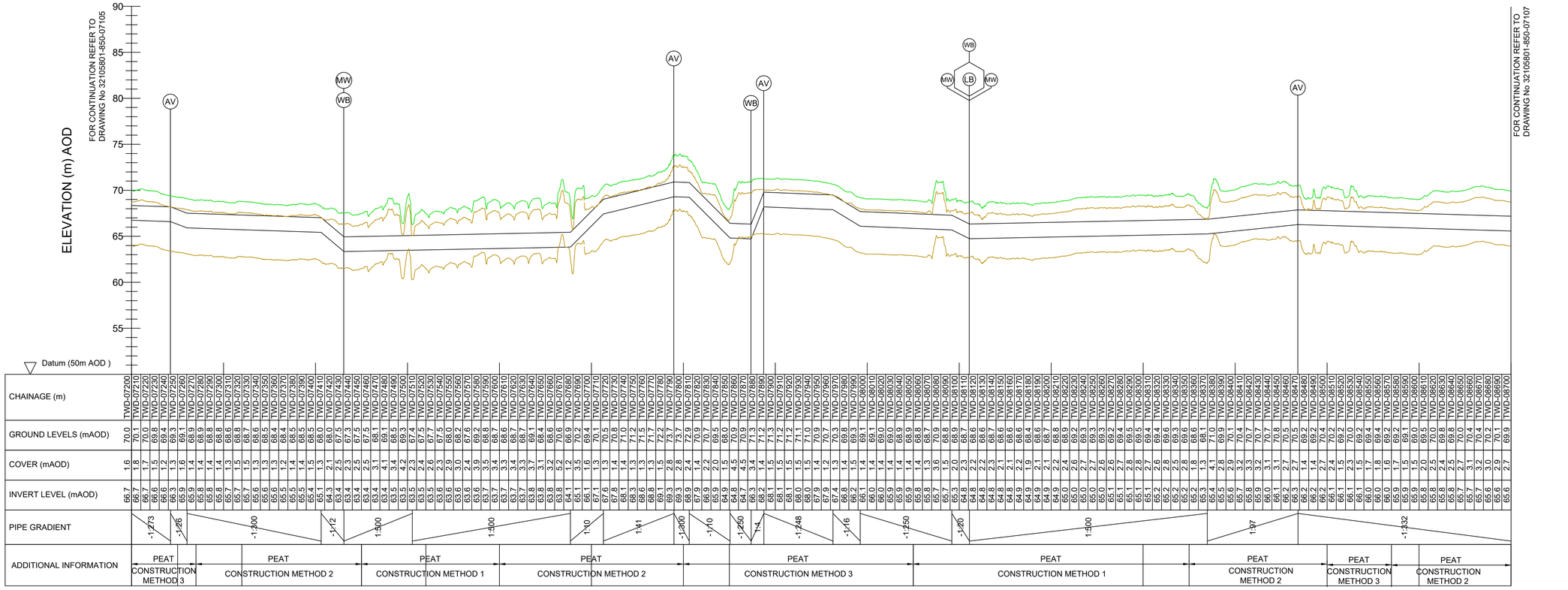
Drawing Status: FINAL FOR PLANNING

Jacobs Tobin No. 32105801 | Client No. 9318

Drawing No.
32105801-850-07105

21.11.2025 11:39:32





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

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SCALE 1 : 2500

0 5 10 15 20 25 m
SCALE 1 : 250

Original Size
A1

Notes:
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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:
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- Indicative Proposed Wayleave
- Proposed Trenchless Excavation Section
- Proposed Construction Compounds or Pipe Storage Depot
- Permanent Wayleave for Existing 1200 Dia Main
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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
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- Proposed Underground Line
- Proposed Stay Wire
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- Proposed Water Main Connection
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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:
3379, 3442.

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	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

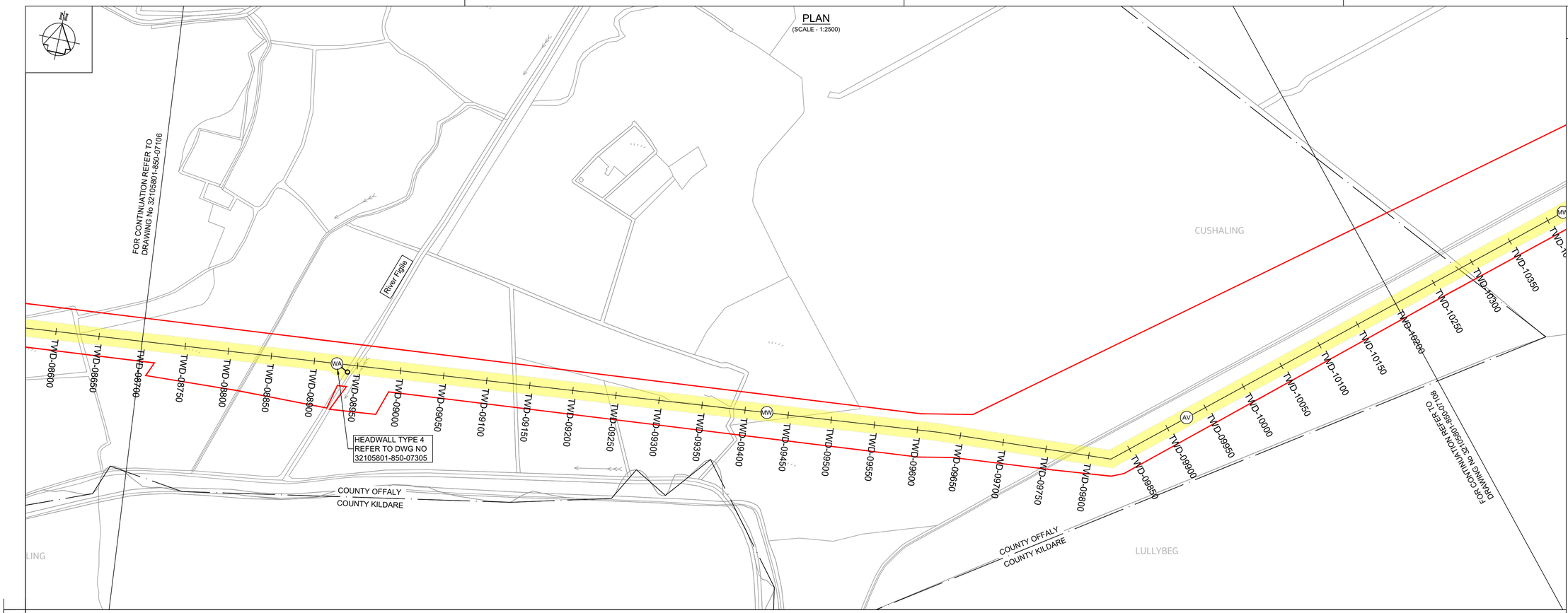
Drawing Title
GRAVITY PIPELINE SECTION D
PLAN AND LONGITUDINAL SECTION
SHEET 6 OF 23

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

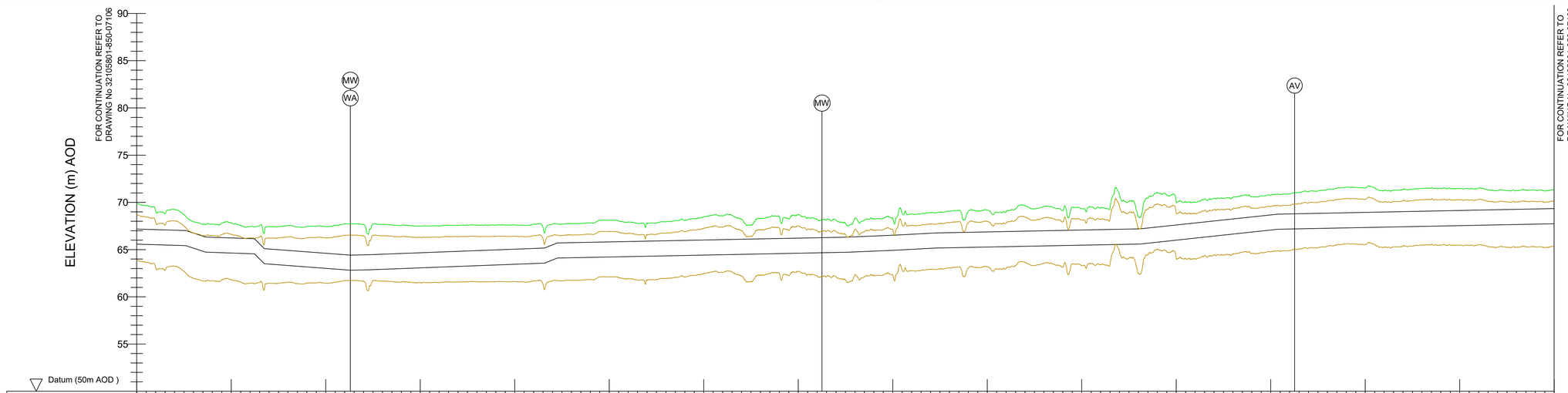
Drawing No.
32105801-850-07106

21.11.2025 11:40:28

PLAN
(SCALE - 1:2500)



ELEVATION (m) AOD



Datum (50m AOD)

CHAINAGE (m)	GROUND LEVELS (mAOD)	COVER (mAOD)	INVERT LEVEL (mAOD)	PIPE GRADIENT
TWD-08700	69.9	2.7	65.6	
TWD-08710	69.7	2.5	65.5	
TWD-08720	69.1	2.0	65.5	
TWD-08730	68.8	1.7	65.5	
TWD-08740	68.5	1.4	65.4	
TWD-08750	68.7	1.7	65.4	
TWD-08760	67.9	1.2	65.2	
TWD-08770	67.7	1.3	64.8	
TWD-08780	67.7	1.4	64.7	
TWD-08790	67.8	1.5	64.7	
TWD-08800	67.8	1.6	64.6	
TWD-08810	67.5	1.3	64.6	
TWD-08820	67.4	1.3	64.6	
TWD-08830	67.5	1.9	64.0	
TWD-08840	67.4	2.4	63.5	
TWD-08850	67.4	2.4	63.4	
TWD-08860	67.5	2.6	63.3	
TWD-08870	67.4	2.6	63.2	
TWD-08880	67.5	2.7	63.2	
TWD-08890	67.5	2.8	63.1	
TWD-08900	67.5	3.0	63.0	
TWD-08910	67.5	3.0	62.9	
TWD-08920	67.7	3.3	62.9	
TWD-08930	67.7	3.3	62.8	
TWD-08940	67.7	3.2	62.8	
TWD-08950	67.7	3.2	62.9	
TWD-08960	67.7	3.1	62.9	
TWD-08970	67.6	3.1	62.9	
TWD-08980	67.6	3.1	62.9	
TWD-08990	67.5	2.9	62.9	
TWD-09000	67.5	2.8	62.9	
TWD-09010	67.5	2.8	62.9	
TWD-09020	67.5	2.8	62.9	
TWD-09030	67.6	2.8	62.9	
TWD-09040	67.6	2.7	62.9	
TWD-09050	67.6	2.7	62.9	
TWD-09060	67.6	2.7	62.9	
TWD-09070	67.6	2.7	62.9	
TWD-09080	67.6	2.6	62.9	
TWD-09090	67.6	2.6	62.9	
TWD-09100	67.6	2.6	62.9	
TWD-09110	67.6	2.6	62.9	
TWD-09120	67.7	2.6	62.9	
TWD-09130	67.7	2.6	62.9	
TWD-09140	67.7	2.6	62.9	
TWD-09150	67.7	2.6	62.9	
TWD-09160	67.8	2.6	62.9	
TWD-09170	67.8	2.6	62.9	
TWD-09180	67.8	2.6	62.9	
TWD-09190	68.1	2.6	62.9	
TWD-09200	68.1	2.6	62.9	
TWD-09210	68.2	2.6	62.9	
TWD-09220	68.0	2.6	62.9	
TWD-09230	67.8	2.6	62.9	
TWD-09240	67.8	2.6	62.9	
TWD-09250	67.8	2.6	62.9	
TWD-09260	67.9	2.6	62.9	
TWD-09270	68.1	2.6	62.9	
TWD-09280	68.1	2.6	62.9	
TWD-09290	68.3	2.6	62.9	
TWD-09300	68.4	2.6	62.9	
TWD-09310	68.7	2.6	62.9	
TWD-09320	68.6	2.6	62.9	
TWD-09330	68.6	2.5	62.9	
TWD-09340	68.2	2.5	62.9	
TWD-09350	67.6	2.5	62.9	
TWD-09360	68.3	2.2	62.9	
TWD-09370	68.5	2.3	62.9	
TWD-09380	68.3	2.3	62.9	
TWD-09390	68.5	2.0	62.9	
TWD-09400	68.7	2.5	62.9	
TWD-09410	68.4	2.1	62.9	
TWD-09420	68.2	2.0	62.9	
TWD-09430	68.2	1.9	62.9	
TWD-09440	68.1	1.8	62.9	
TWD-09450	67.8	1.5	62.9	
TWD-09460	67.8	1.5	62.9	
TWD-09470	68.3	1.7	62.9	
TWD-09480	68.2	1.8	62.9	
TWD-09490	68.3	1.8	62.9	
TWD-09500	68.3	1.8	62.9	
TWD-09510	68.8	2.2	62.9	
TWD-09520	68.8	2.2	62.9	
TWD-09530	68.8	2.1	62.9	
TWD-09540	68.9	2.2	62.9	
TWD-09550	68.9	2.3	62.9	
TWD-09560	69.1	2.3	62.9	
TWD-09570	69.2	2.4	62.9	
TWD-09580	69.1	2.2	62.9	
TWD-09590	69.0	2.3	62.9	
TWD-09600	69.2	2.3	62.9	
TWD-09610	69.1	2.1	62.9	
TWD-09620	69.0	2.3	62.9	
TWD-09630	69.3	2.4	62.9	
TWD-09640	69.3	2.4	62.9	
TWD-09650	69.3	2.4	62.9	
TWD-09660	69.3	2.4	62.9	
TWD-09670	69.6	2.6	62.9	
TWD-09680	69.5	2.5	62.9	
TWD-09690	69.1	2.1	62.9	
TWD-09700	69.5	2.4	62.9	
TWD-09710	69.5	2.4	62.9	
TWD-09720	69.4	2.3	62.9	
TWD-09730	69.4	2.3	62.9	
TWD-09740	70.1	2.9	62.9	
TWD-09750	70.8	3.6	62.9	
TWD-09760	68.4	1.2	62.9	
TWD-09770	70.4	3.2	62.9	
TWD-09780	70.8	3.5	62.9	
TWD-09790	70.8	3.5	62.9	
TWD-09800	70.1	2.5	62.9	
TWD-09810	70.0	2.3	62.9	
TWD-09820	70.0	2.5	62.9	
TWD-09830	70.4	2.5	62.9	
TWD-09840	70.4	2.4	62.9	
TWD-09850	70.4	2.3	62.9	
TWD-09860	70.5	2.4	62.9	
TWD-09870	70.7	2.4	62.9	
TWD-09880	70.6	2.1	62.9	
TWD-09890	70.7	2.1	62.9	
TWD-09900	70.8	2.1	62.9	
TWD-09910	70.8	2.1	62.9	
TWD-09920	70.9	2.1	62.9	
TWD-09930	71.1	2.3	62.9	
TWD-09940	71.2	2.4	62.9	
TWD-09950	71.2	2.4	62.9	
TWD-09960	71.4	2.5	62.9	
TWD-09970	71.5	2.6	62.9	
TWD-09980	71.6	2.7	62.9	
TWD-09990	71.5	2.7	62.9	
TWD-10000	71.5	2.6	62.9	
TWD-10010	71.3	2.4	62.9	
TWD-10020	71.3	2.3	62.9	
TWD-10030	71.3	2.3	62.9	
TWD-10040	71.3	2.3	62.9	
TWD-10050	71.4	2.3	62.9	
TWD-10060	71.5	2.4	62.9	
TWD-10070	71.5	2.4	62.9	
TWD-10080	71.5	2.4	62.9	
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TWD-10100	71.5	2.3	62.9	
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TWD-10120	71.5	2.3	62.9	
TWD-10130	71.3	2.1	62.9	
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TWD-10150	71.3	2.0	62.9	
TWD-10160	71.3	2.0	62.9	
TWD-10170	71.3	2.0	62.9	
TWD-10180	71.2	1.9	62.9	
TWD-10190	71.2	1.9	62.9	
TWD-10200	71.3	2.0	62.9	

PIPE GRADIENT: -1:32 | -1:80 | -1:200 | -1:10 | -1:133 | 1:500 | 1:262 | 1:85 | 1:500 | 1:241 | 1:487 | 1:500 | 1:93 | 1:500

ADDITIONAL INFORMATION:
- PEAT CONSTRUCTION METHOD 2
- PEAT CONSTRUCTION METHOD 3
- PEAT CONSTRUCTION METHOD 2
- PEAT CONSTRUCTION METHOD 1
- PEAT CONSTRUCTION METHOD 2

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

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PEOP Proposed Electrical Overhead Powerline
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:
3379, 3442.

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	KP	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

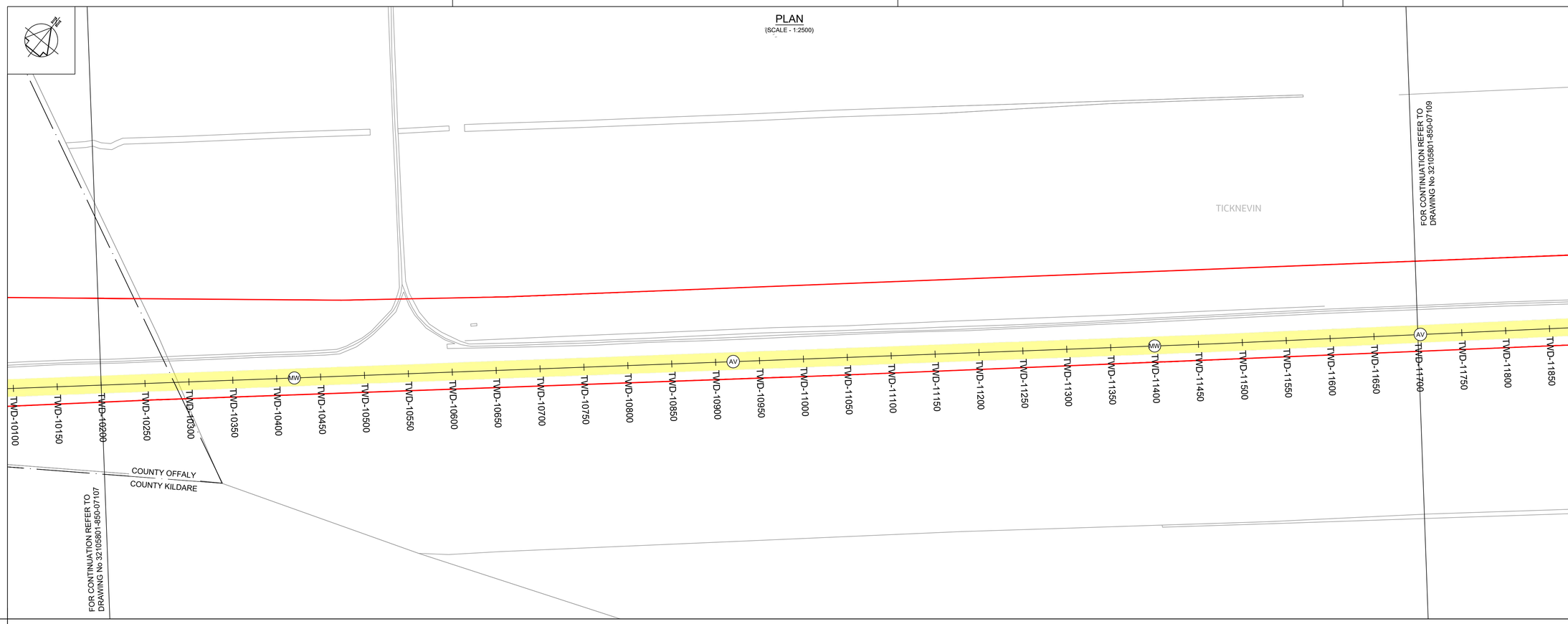
Drawing Title: GRAVITY PIPELINE SECTION D
PLAN AND LONGITUDINAL SECTION
SHEET 7 OF 23

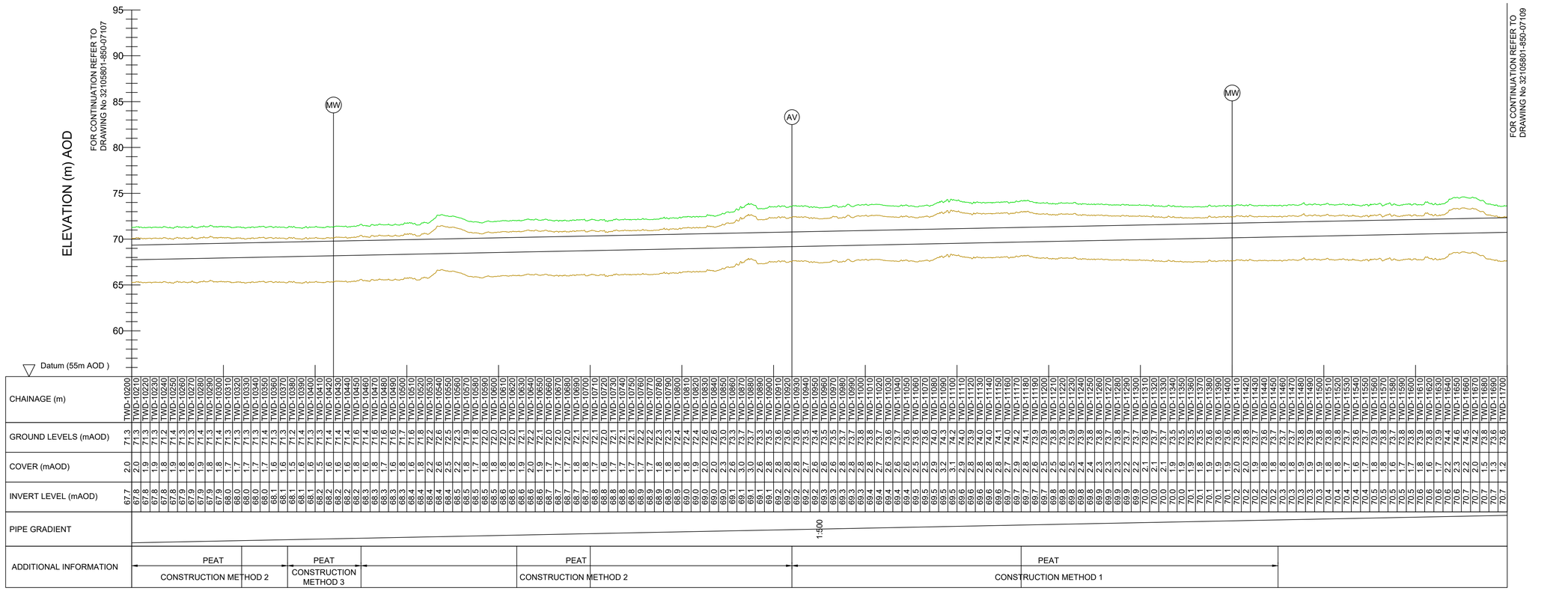
Drawing Status: FINAL FOR PLANNING
Jacobs Tobin No. 32105801 | Client No. 9318

Drawing No.
32105801-850-07107

21.11.2025 11:41:43

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:
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POHL Proposed Overhead Line

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

OSI Sheet No's:
3379, 3380.

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	KP	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 D
PLAN AND LONGITUDINAL SECTION
SHEET 8 OF 23

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

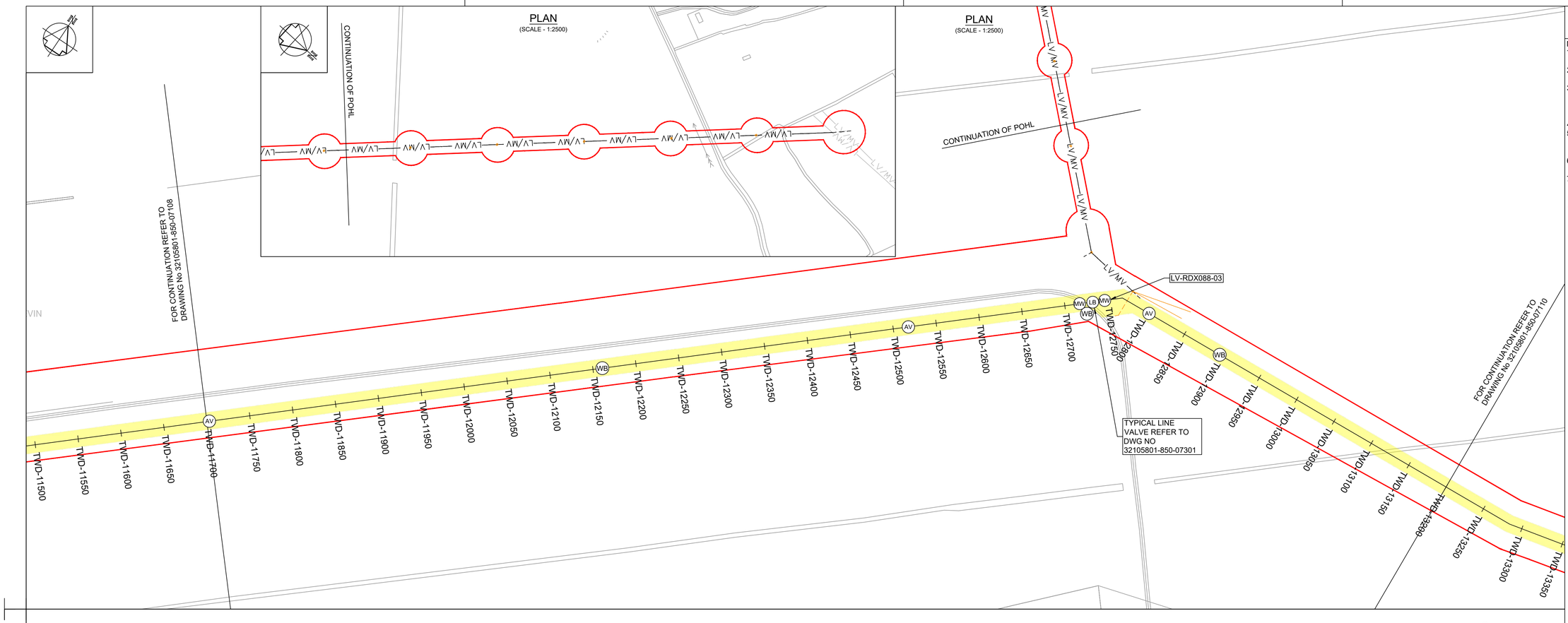
Drawing No.
32105801-850-07108

21.11.2025 11:42:37

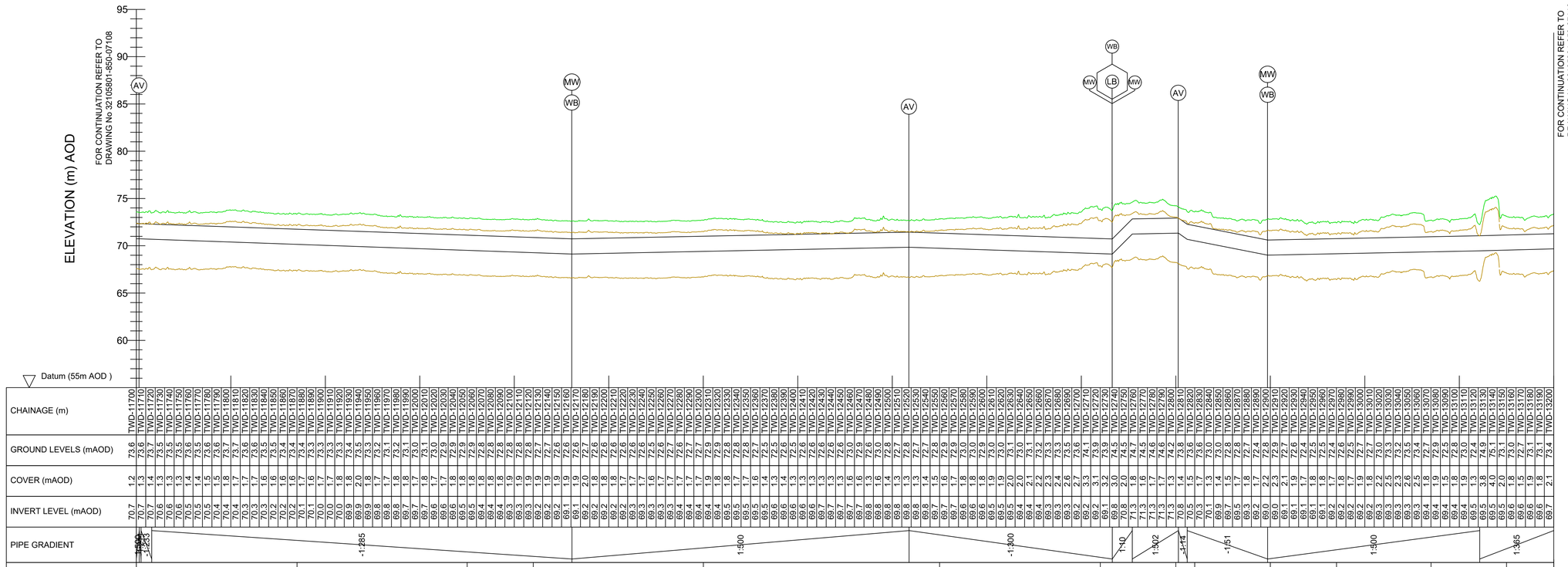
Original Size A1

PLAN
(SCALE - 1:2500)

PLAN
(SCALE - 1:2500)



ELEVATION (m) AOD



CHAINAGE (m)	GROUND LEVELS (mAOD)	COVER (mAOD)	INVERT LEVEL (mAOD)	PIPE GRADIENT	ADDITIONAL INFORMATION
TWD-11700	73.6	1.2	70.7	1:500	PEAT
TWD-11710	73.6	1.3	70.7		CONSTRUCTION METHOD 2
TWD-11720	73.7	1.4	70.7		
TWD-11730	73.5	1.3	70.6		
TWD-11740	73.5	1.3	70.6		
TWD-11750	73.6	1.3	70.6		
TWD-11760	73.6	1.4	70.5		
TWD-11770	73.5	1.4	70.5		
TWD-11780	73.6	1.5	70.5		
TWD-11790	73.7	1.6	70.4		
TWD-11800	73.7	1.8	70.4		
TWD-11810	73.7	1.7	70.4		
TWD-11820	73.6	1.7	70.3		
TWD-11830	73.6	1.7	70.3		
TWD-11840	73.5	1.6	70.3		
TWD-11850	73.5	1.6	70.2		
TWD-11860	73.4	1.6	70.2		
TWD-11870	73.4	1.7	70.1		
TWD-11880	73.4	1.6	70.1		
TWD-11890	73.3	1.6	70.1		
TWD-11900	73.3	1.7	70.0		
TWD-11910	73.3	1.7	70.0		
TWD-11920	73.3	1.8	70.0		
TWD-11930	73.4	1.8	69.9		
TWD-11940	73.5	2.0	69.9		
TWD-11950	73.3	1.8	69.9		
TWD-11960	73.2	1.7	69.8		
TWD-11970	73.1	1.7	69.8		
TWD-11980	73.1	1.8	69.8		
TWD-11990	73.1	1.8	69.7		
TWD-12000	73.0	1.7	69.7		
TWD-12010	73.1	1.8	69.7		
TWD-12020	73.0	1.7	69.6		
TWD-12030	72.9	1.7	69.6		
TWD-12040	72.9	1.8	69.6		
TWD-12050	72.9	1.8	69.5		
TWD-12060	72.8	1.8	69.5		
TWD-12070	72.8	1.8	69.4		
TWD-12080	72.8	1.8	69.4		
TWD-12090	72.8	1.8	69.4		
TWD-12100	72.8	1.9	69.3		
TWD-12110	72.8	1.9	69.3		
TWD-12120	72.7	1.9	69.2		
TWD-12130	72.8	1.9	69.2		
TWD-12140	72.7	1.9	69.2		
TWD-12150	72.6	1.9	69.1		
TWD-12160	72.6	1.9	69.1		
TWD-12170	72.6	1.9	69.1		
TWD-12180	72.7	2.0	69.2		
TWD-12190	72.6	1.8	69.2		
TWD-12200	72.6	1.8	69.2		
TWD-12210	72.6	1.8	69.2		
TWD-12220	72.6	1.7	69.2		
TWD-12230	72.6	1.7	69.2		
TWD-12240	72.6	1.7	69.3		
TWD-12250	72.5	1.6	69.3		
TWD-12260	72.6	1.7	69.3		
TWD-12270	72.7	1.7	69.4		
TWD-12280	72.7	1.7	69.4		
TWD-12290	72.7	1.7	69.4		
TWD-12300	72.9	1.8	69.4		
TWD-12310	72.9	1.9	69.4		
TWD-12320	72.9	1.8	69.4		
TWD-12330	72.8	1.8	69.4		
TWD-12340	72.8	1.8	69.5		
TWD-12350	72.8	1.7	69.5		
TWD-12360	72.7	1.7	69.5		
TWD-12370	72.5	1.6	69.5		
TWD-12380	72.5	1.4	69.5		
TWD-12390	72.6	1.3	69.6		
TWD-12400	72.5	1.3	69.6		
TWD-12410	72.6	1.3	69.6		
TWD-12420	72.6	1.3	69.6		
TWD-12430	72.6	1.3	69.7		
TWD-12440	72.6	1.3	69.7		
TWD-12450	72.6	1.3	69.7		
TWD-12460	72.6	1.3	69.7		
TWD-12470	72.6	1.6	69.7		
TWD-12480	72.6	1.3	69.8		
TWD-12490	72.6	1.6	69.8		
TWD-12500	72.8	1.4	69.8		
TWD-12510	72.7	1.3	69.8		
TWD-12520	72.8	1.3	69.8		
TWD-12530	72.7	1.3	69.8		
TWD-12540	72.8	1.4	69.8		
TWD-12550	72.9	1.5	69.7		
TWD-12560	72.9	1.6	69.7		
TWD-12570	72.9	1.7	69.6		
TWD-12580	73.0	1.8	69.6		
TWD-12590	73.0	1.8	69.6		
TWD-12600	72.9	1.8	69.6		
TWD-12610	73.0	1.9	69.5		
TWD-12620	73.0	2.0	69.5		
TWD-12630	73.1	2.0	69.5		
TWD-12640	73.0	2.0	69.4		
TWD-12650	73.1	2.1	69.4		
TWD-12660	73.2	2.2	69.4		
TWD-12670	73.3	2.3	69.4		
TWD-12680	73.3	2.4	69.3		
TWD-12690	73.5	2.6	69.3		
TWD-12700	73.9	3.3	69.2		
TWD-12710	74.1	3.2	69.2		
TWD-12720	73.9	3.1	69.2		
TWD-12730	73.9	3.0	69.2	1:10	
TWD-12740	74.5	2.0	69.8		
TWD-12750	74.5	1.8	70.8	1:302	
TWD-12760	74.7	1.6	71.3		
TWD-12770	74.5	1.4	71.3		
TWD-12780	74.6	1.3	71.3	1:16	
TWD-12790	74.2	1.4	70.8		
TWD-12800	73.8	1.4	70.8		
TWD-12810	73.6	1.5	70.5	1:51	
TWD-12820	73.6	1.7	70.3		
TWD-12830	73.0	1.3	70.1		
TWD-12840	73.0	1.4	69.9		
TWD-12850	72.8	1.5	69.7		
TWD-12860	72.8	1.5	69.7		
TWD-12870	72.7	1.8	69.5		
TWD-12880	72.7	1.8	69.3		
TWD-12890	72.4	1.7	69.2		
TWD-12900	72.8	2.2	69.0		
TWD-12910	72.9	2.3	69.0		
TWD-12920	72.7	2.1	69.1		
TWD-12930	72.6	1.9	69.1		
TWD-12940	72.4	1.8	69.1		
TWD-12950	72.5	1.8	69.1		
TWD-12960	72.4	1.7	69.2		
TWD-12970	72.6	1.7	69.2		
TWD-12980	72.7	1.8	69.2		
TWD-12990	72.5	1.7	69.2		
TWD-13000	72.7	1.8	69.2		
TWD-13010	72.7	1.7	69.2		
TWD-13020	73.0	2.2	69.3		
TWD-13030	73.3	2.2	69.3		
TWD-13040	73.2	2.3	69.3		
TWD-13050	73.5	2.6	69.3		
TWD-13060	73.4	2.5	69.3		
TWD-13070	72.7	1.8	69.4		
TWD-13080	72.9	1.9	69.4		
TWD-13090	72.5	1.5	69.4		
TWD-13100	73.0	1.8	69.4		
TWD-13110	72.8	1.9	69.4		
TWD-13120	72.4	1.9	69.5		
TWD-13130	75.1	1.3	69.5	1:300	
TWD-13140	73.0	4.0	69.5		
TWD-13150	73.7	2.0	69.6		
TWD-13160	73.0	1.8	69.6		
TWD-13170	72.7	1.5	69.6		
TWD-13180	73.1	1.8	69.6		
TWD-13190	73.1	1.8	69.7		
TWD-13200	73.4	2.1	69.7	1:365	

PEAT CONSTRUCTION METHOD 2 | PEAT CONSTRUCTION METHOD 1 | PEAT CONSTRUCTION METHOD 2 | PEAT CONSTRUCTION METHOD 3 | PEAT CONSTRUCTION METHOD 2 | PEAT CONSTRUCTION METHOD 3 | PEAT CONSTRUCTION METHOD 2

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)

Notes:
1. This drawing is not to be scaled, figured dimensions only to be taken.
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- Proposed Construction Compounds or Pipe Storage Depot
- Permanent Wayleave for Existing 1200 Dia Main
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- Existing Electric Overhead Powerline, Low/Medium Voltage
- Existing Electric Overhead Powerline, High Voltage
- Existing Water Mains
- Existing Gas Mains
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- Proposed Underground Line
- Proposed Stay Wire
- Proposed Permanent Layby
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- 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:

3379, 380, 3317.

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	KP	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

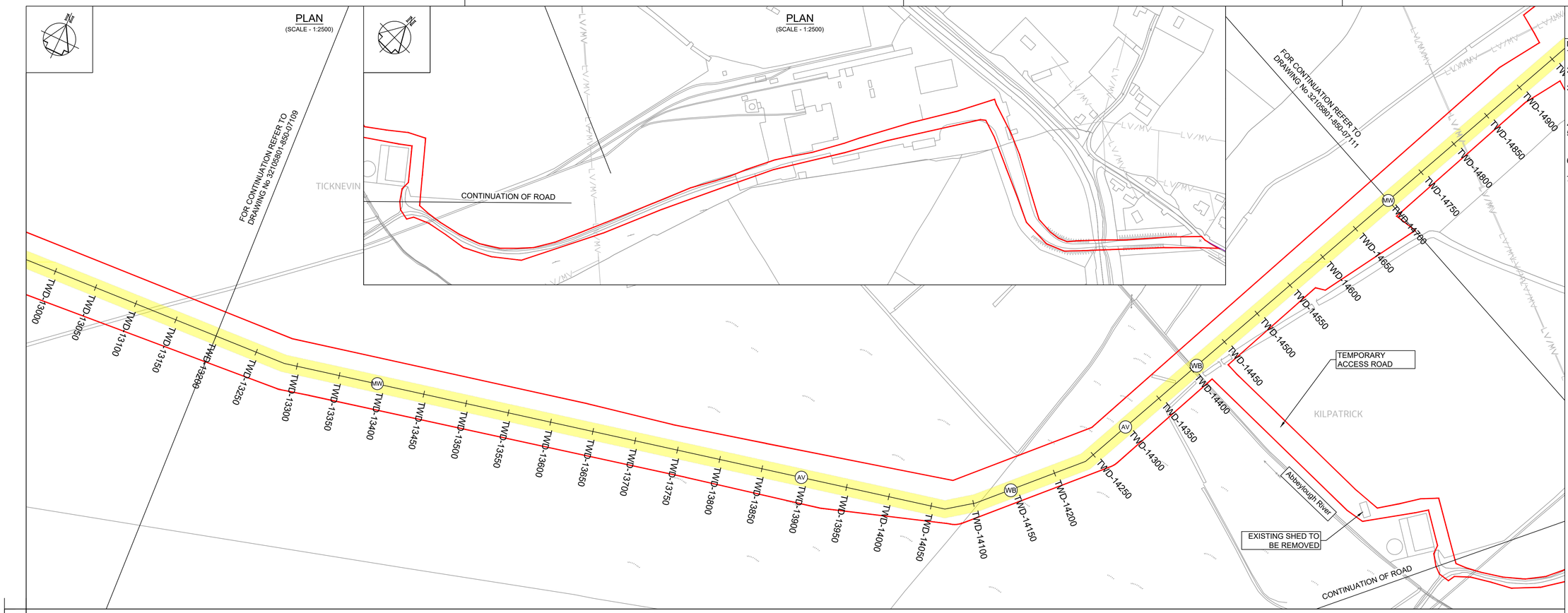
Drawing Title: GRAVITY PIPELINE SECTION D
PLAN AND LONGITUDINAL SECTION
SHEET 9 OF 23

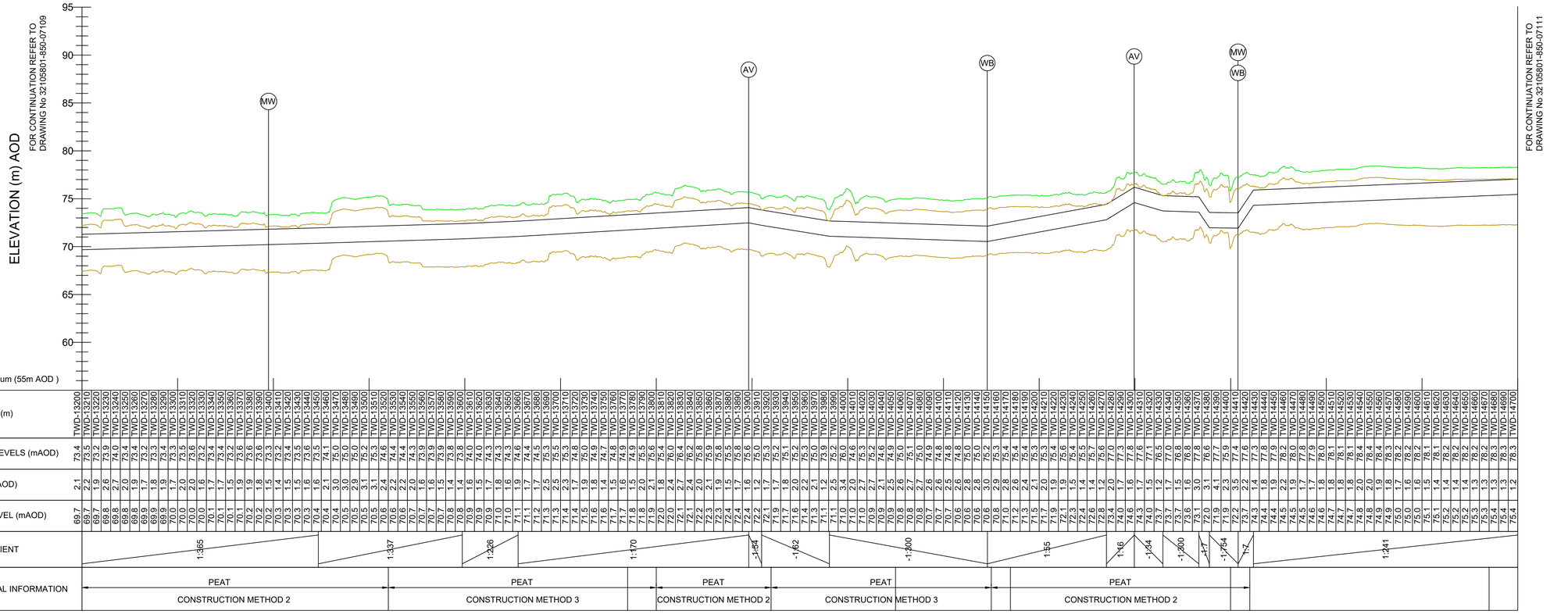
Drawing Status: FINAL FOR PLANNING

Jacobs Tobin No. 32105801 | Client No. 9318

Drawing No.
32105801-850-07109

21.11.2025 11:43:34





Datum (55m AOD)

CHAINAGE (m)	GROUND LEVELS (mAOD)	COVER (mAOD)	INVERT LEVEL (mAOD)	PIPE GRADIENT
TWD-13200	73.4	2.1	69.7	
TWD-13210	73.5	2.2	69.7	
TWD-13220	73.2	1.9	69.7	
TWD-13230	73.9	2.6	69.8	
TWD-13240	74.0	2.7	69.8	
TWD-13250	74.4	3.0	69.8	
TWD-13260	73.4	1.9	69.8	
TWD-13270	73.2	1.7	69.8	
TWD-13280	73.3	1.8	69.9	
TWD-13290	73.4	1.9	69.9	
TWD-13300	73.3	1.7	69.9	
TWD-13310	73.5	2.0	70.0	
TWD-13320	73.6	2.0	70.0	
TWD-13330	73.4	1.7	70.0	
TWD-13340	73.4	1.7	70.1	
TWD-13350	73.2	1.5	70.1	
TWD-13360	73.6	1.9	70.1	
TWD-13370	73.6	1.9	70.2	
TWD-13380	73.6	1.8	70.2	
TWD-13390	73.6	1.8	70.2	
TWD-13400	73.3	1.5	70.2	
TWD-13410	73.4	1.4	70.3	
TWD-13420	73.4	1.5	70.3	
TWD-13430	73.5	1.5	70.3	
TWD-13440	73.6	1.6	70.3	
TWD-13450	73.5	1.6	70.4	
TWD-13460	74.1	2.1	70.4	
TWD-13470	74.0	3.0	70.4	
TWD-13480	75.0	3.9	70.5	
TWD-13490	75.0	3.9	70.5	
TWD-13500	75.2	4.1	70.5	
TWD-13510	75.3	3.1	70.5	
TWD-13520	74.6	2.4	70.6	
TWD-13530	74.4	2.2	70.6	
TWD-13540	74.4	2.2	70.6	
TWD-13550	74.3	2.0	70.6	
TWD-13560	73.9	1.6	70.7	
TWD-13570	73.9	1.5	70.7	
TWD-13580	73.9	1.4	70.8	
TWD-13590	73.8	1.4	70.8	
TWD-13600	74.0	1.6	70.9	
TWD-13610	74.0	1.5	70.9	
TWD-13620	74.3	1.7	70.9	
TWD-13630	74.3	1.8	71.0	
TWD-13640	74.3	1.8	71.0	
TWD-13650	74.6	1.9	71.1	
TWD-13660	74.4	1.7	71.1	
TWD-13670	74.4	1.7	71.2	
TWD-13680	74.5	1.8	71.2	
TWD-13690	75.3	2.5	71.3	
TWD-13700	75.5	2.5	71.3	
TWD-13710	75.3	2.3	71.4	
TWD-13720	74.8	1.7	71.4	
TWD-13730	75.0	1.9	71.5	
TWD-13740	74.9	1.8	71.6	
TWD-13750	74.7	1.5	71.6	
TWD-13760	74.8	1.4	71.6	
TWD-13770	74.9	1.5	71.7	
TWD-13780	74.9	1.6	71.7	
TWD-13790	75.5	2.1	71.8	
TWD-13800	75.6	2.0	71.8	
TWD-13810	76.1	2.4	71.9	
TWD-13820	76.0	2.4	72.0	
TWD-13830	76.4	2.7	72.0	
TWD-13840	76.2	2.4	72.1	
TWD-13850	75.8	2.0	72.2	
TWD-13860	75.9	2.1	72.3	
TWD-13870	75.8	1.9	72.3	
TWD-13880	75.5	1.5	72.4	
TWD-13890	75.6	1.6	72.4	
TWD-13900	75.6	1.6	72.4	
TWD-13910	75.0	1.2	72.2	
TWD-13920	75.3	1.7	72.1	
TWD-13930	75.2	1.7	71.9	
TWD-13940	75.1	1.8	71.7	
TWD-13950	75.2	2.0	71.6	
TWD-13960	75.3	2.2	71.4	
TWD-13970	75.3	2.2	71.3	
TWD-13980	73.9	1.2	71.1	
TWD-13990	74.0	1.2	71.1	
TWD-14000	74.6	2.5	71.1	
TWD-14010	75.3	3.4	71.0	
TWD-14020	75.2	2.7	71.0	
TWD-14030	75.2	2.7	71.0	
TWD-14040	74.6	2.1	70.9	
TWD-14050	74.9	2.4	70.9	
TWD-14060	75.0	2.6	70.8	
TWD-14070	75.1	2.7	70.8	
TWD-14080	74.9	2.6	70.7	
TWD-14090	74.9	2.5	70.7	
TWD-14100	74.8	2.6	70.7	
TWD-14110	74.8	2.5	70.7	
TWD-14120	74.8	2.6	70.7	
TWD-14130	75.0	2.8	70.6	
TWD-14140	75.0	2.8	70.6	
TWD-14150	75.2	3.0	70.6	
TWD-14160	75.3	2.9	70.8	
TWD-14170	75.4	2.8	71.0	
TWD-14180	75.4	2.8	71.0	
TWD-14190	75.4	2.8	71.2	
TWD-14200	75.3	2.6	71.3	
TWD-14210	75.3	2.4	71.5	
TWD-14220	75.3	2.1	71.5	
TWD-14230	75.4	1.9	71.5	
TWD-14240	75.6	1.9	71.7	
TWD-14250	75.5	1.5	72.1	
TWD-14260	75.4	1.4	72.3	
TWD-14270	75.7	1.4	72.4	
TWD-14280	75.6	1.2	72.4	
TWD-14290	77.0	2.0	72.6	
TWD-14300	77.3	2.7	72.8	
TWD-14310	77.8	3.4	73.4	
TWD-14320	77.6	1.7	74.6	
TWD-14330	77.1	1.5	74.3	
TWD-14340	76.5	1.2	74.0	
TWD-14350	77.0	1.7	73.7	
TWD-14360	76.8	1.5	73.7	
TWD-14370	76.8	1.6	73.6	
TWD-14380	76.6	1.4	73.6	
TWD-14390	76.6	1.5	73.6	
TWD-14400	77.7	3.1	72.0	
TWD-14410	75.9	4.1	71.9	
TWD-14420	77.6	2.3	73.7	
TWD-14430	77.8	2.2	73.7	
TWD-14440	77.8	1.4	74.3	
TWD-14450	77.8	1.9	74.4	
TWD-14460	78.2	2.2	74.5	
TWD-14470	78.0	1.9	74.5	
TWD-14480	77.8	1.7	74.5	
TWD-14490	77.9	1.7	74.6	
TWD-14500	78.0	1.8	74.6	
TWD-14510	78.1	1.8	74.7	
TWD-14520	78.1	1.8	74.7	
TWD-14530	78.4	1.9	74.8	
TWD-14540	78.4	2.0	74.8	
TWD-14550	78.4	1.9	74.9	
TWD-14560	78.3	1.8	74.9	
TWD-14570	78.2	1.7	75.0	
TWD-14580	78.2	1.6	75.0	
TWD-14590	78.2	1.6	75.0	
TWD-14600	78.1	1.5	75.1	
TWD-14610	78.1	1.4	75.1	
TWD-14620	78.2	1.4	75.2	
TWD-14630	78.2	1.4	75.2	
TWD-14640	78.2	1.4	75.2	
TWD-14650	78.2	1.4	75.2	
TWD-14660	78.2	1.3	75.3	
TWD-14670	78.2	1.3	75.3	
TWD-14680	78.3	1.3	75.4	
TWD-14690	78.3	1.2	75.4	
TWD-14700	78.3	1.2	75.4	

PIPE GRADIENT: 1:365 | 1:337 | 1:226 | 1:170 | -1:54 | -1:62 | -1:300 | 1:55 | 1:16 | -1:44 | -1:300 | -1:7 | -1:54 | 1:7 | 1:441

ADDITIONAL INFORMATION					
PEAT	PEAT	PEAT	PEAT	PEAT	
CONSTRUCTION METHOD 2	CONSTRUCTION METHOD 3	CONSTRUCTION METHOD 2	CONSTRUCTION METHOD 3	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

Original Size A1

Notes:
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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
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- Permanent Wayleave for Existing 1200 Dia Main
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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:
3380, 3380-B, 3317, 3317-D.

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	KP	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

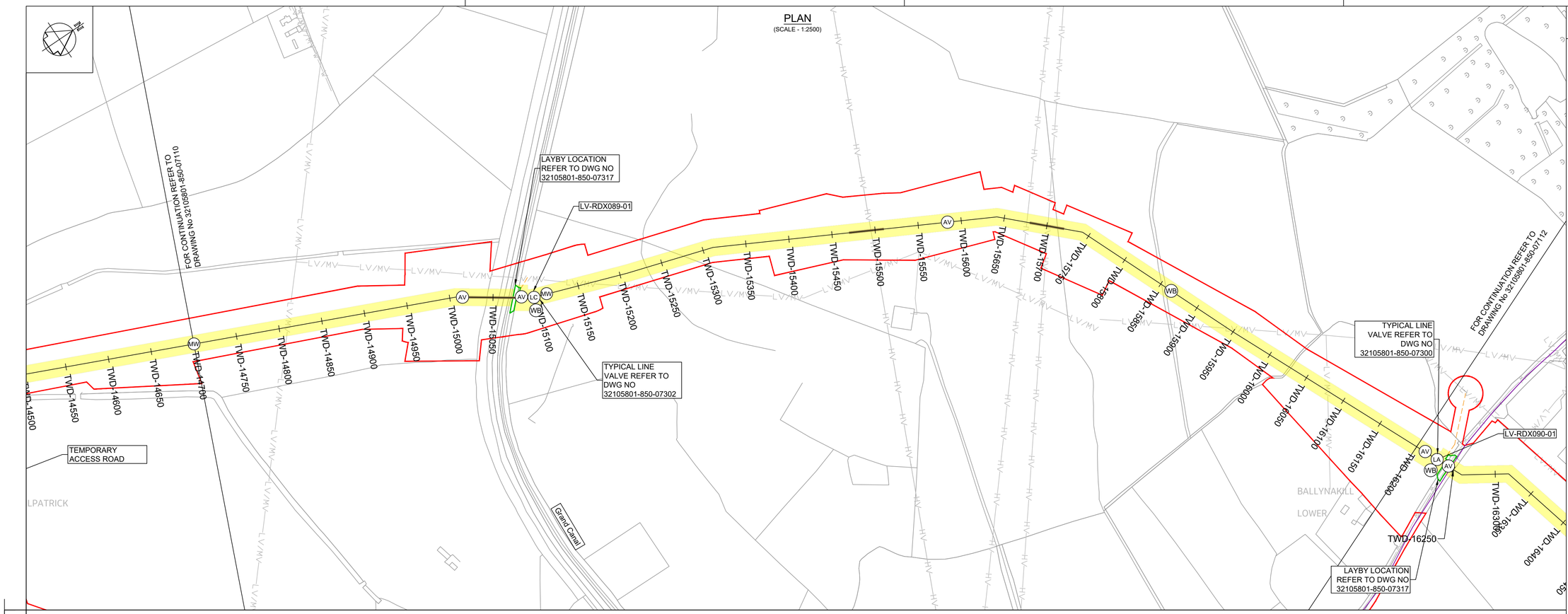
Drawing Title
GRAVITY PIPELINE SECTION D
PLAN AND LONGITUDINAL SECTION
SHEET 10 OF 23

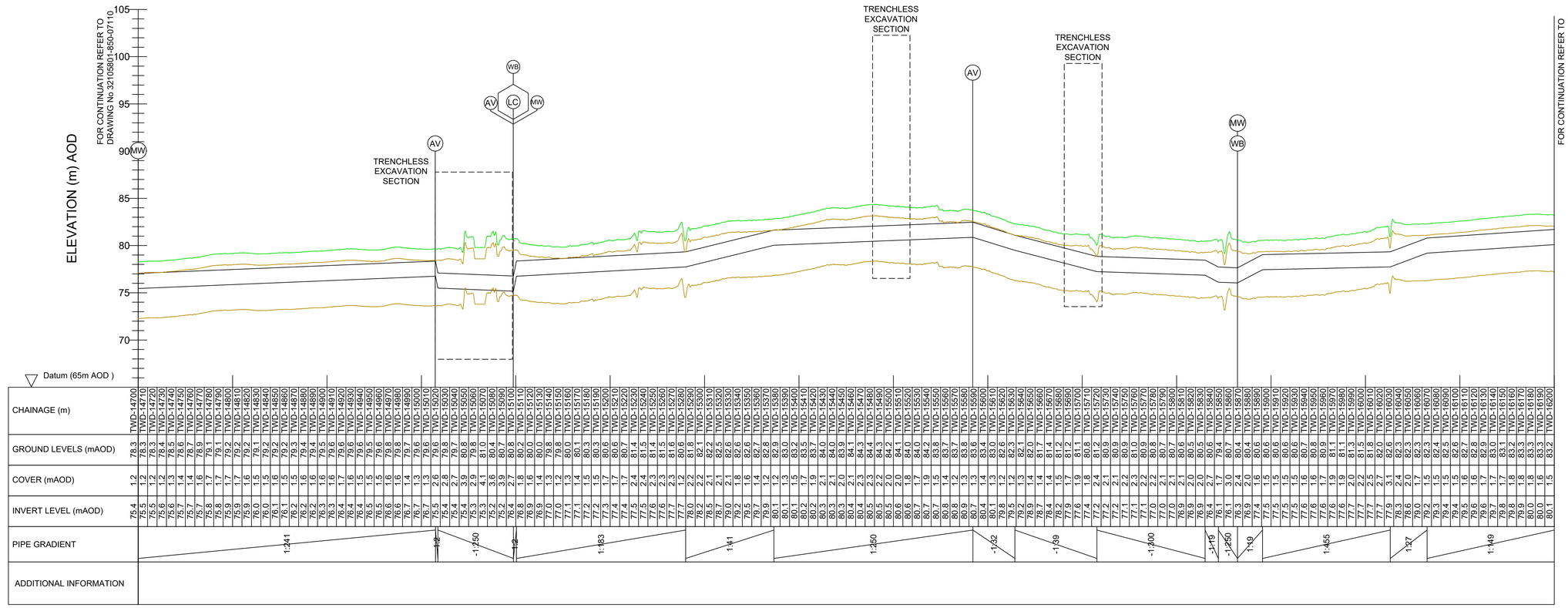
Drawing Status: FINAL FOR PLANNING
Jacobs Tobin No. 32105801 | Client No. 9318

Drawing No.
32105801-850-07110

2.12.2025 14:59:31

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:
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- 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:
3380-B, 3317-B, 3317-D.

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	KP	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

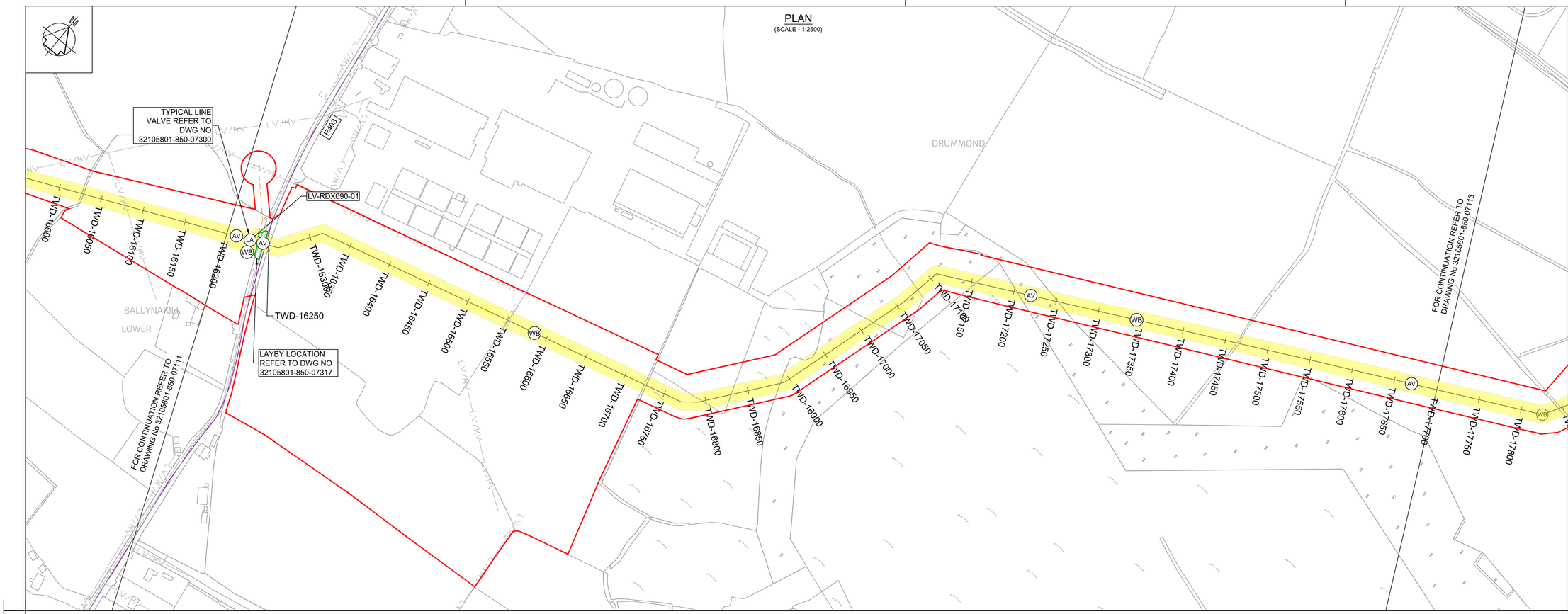
Drawing Title: GRAVITY PIPELINE SECTION D
PLAN AND LONGITUDINAL SECTION
SHEET 11 OF 23

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

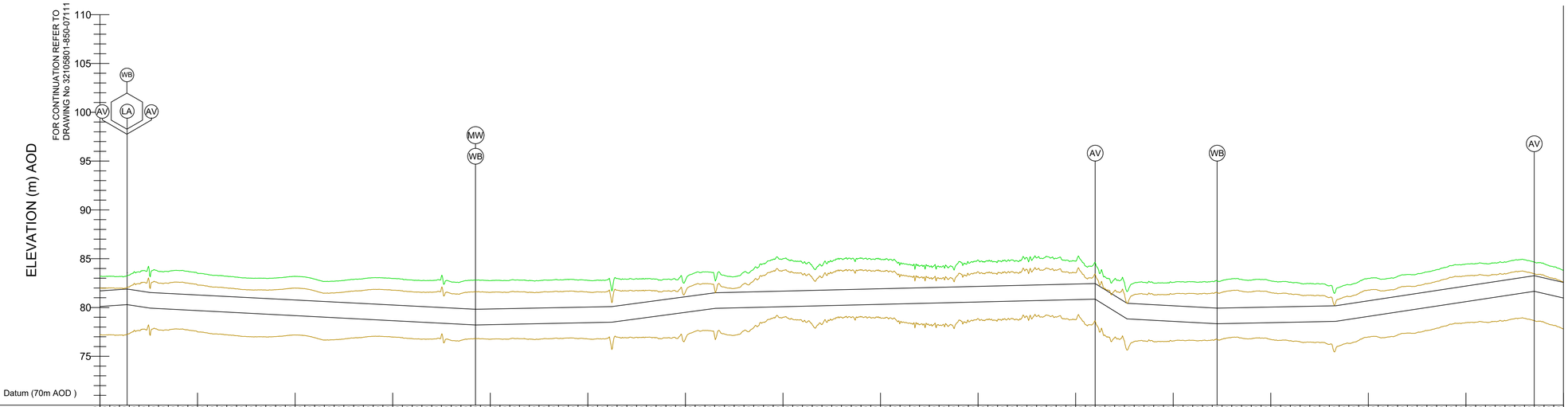
Drawing No.
32105801-850-07111

2.12.2025 12:46:04

PLAN
(SCALE - 1:2500)



ELEVATION (m) AOD



CHAINAGE (m)	GROUND LEVELS (mAOD)	COVER (mAOD)	INVERT LEVEL (mAOD)	PIPE GRADIENT	ADDITIONAL INFORMATION
TWD-16000	83.2	1.5	80.1		
TWD-16210	83.2	1.4	80.2		
TWD-16220	83.2	1.3	80.2		
TWD-16230	83.3	1.5	80.3	1:149	
TWD-16240	83.7	1.9	80.1		
TWD-16250	84.1	2.6	80.0	1:166	
TWD-16260	83.7	2.2	79.9		
TWD-16270	83.7	2.2	79.8		
TWD-16280	83.7	2.4	79.8		
TWD-16290	83.7	2.4	79.7		
TWD-16300	83.5	2.2	79.7		
TWD-16310	83.4	2.2	79.6		
TWD-16320	83.3	2.1	79.6		
TWD-16330	83.2	2.1	79.5		
TWD-16340	83.1	2.0	79.4		
TWD-16350	83.0	2.0	79.4		
TWD-16360	83.0	2.0	79.4		
TWD-16370	83.0	2.1	79.3		
TWD-16380	83.0	2.1	79.3		
TWD-16390	83.1	2.3	79.2		
TWD-16400	83.2	2.4	79.2		
TWD-16410	83.1	2.4	79.1		
TWD-16420	82.9	2.3	79.1		
TWD-16430	82.7	2.1	79.0		
TWD-16440	82.7	2.1	79.0		
TWD-16450	82.8	2.3	78.9		
TWD-16460	82.9	2.4	78.9		
TWD-16470	83.0	2.6	78.8		
TWD-16480	83.1	2.7	78.8		
TWD-16490	83.0	2.7	78.7		
TWD-16500	83.0	2.7	78.7		
TWD-16510	82.9	2.7	78.6		
TWD-16520	82.8	2.7	78.5		
TWD-16530	82.8	2.7	78.5		
TWD-16540	82.8	2.7	78.4		
TWD-16550	83.2	3.2	78.4		
TWD-16560	82.6	2.7	78.3		
TWD-16570	82.6	2.7	78.3		
TWD-16580	82.8	3.0	78.2		
TWD-16590	82.7	2.9	78.2		
TWD-16600	82.8	2.9	78.3		
TWD-16610	82.8	2.9	78.3		
TWD-16620	82.8	2.9	78.3		
TWD-16630	82.8	2.8	78.3		
TWD-16640	82.8	2.8	78.3		
TWD-16650	82.8	2.8	78.3		
TWD-16660	82.8	2.8	78.4		
TWD-16670	82.8	2.8	78.4		
TWD-16680	82.8	2.8	78.4		
TWD-16690	82.8	2.8	78.4		
TWD-16700	82.8	2.7	78.4		
TWD-16710	82.8	2.7	78.5		
TWD-16720	82.8	2.8	78.5		
TWD-16730	83.0	2.8	78.6		
TWD-16740	82.9	2.6	78.7		
TWD-16750	83.0	2.5	78.8		
TWD-16760	83.0	2.4	78.8		
TWD-16770	82.9	2.2	78.8		
TWD-16780	82.9	2.1	78.9		
TWD-16790	82.9	1.9	79.1		
TWD-16800	82.8	1.7	79.2		
TWD-16810	83.6	2.3	79.5		
TWD-16820	83.6	2.3	79.6		
TWD-16830	83.0	1.5	79.8		
TWD-16840	83.2	1.8	79.9		
TWD-16850	83.6	2.0	80.0		
TWD-16860	83.6	2.4	80.0		
TWD-16870	84.0	2.9	80.0		
TWD-16880	84.5	3.3	80.1		
TWD-16890	84.9	3.6	80.1		
TWD-16900	85.0	3.3	80.1		
TWD-16910	84.8	3.1	80.1		
TWD-16920	84.5	2.8	80.1		
TWD-16930	84.2	2.5	80.2		
TWD-16940	84.3	2.5	80.2		
TWD-16950	84.7	2.9	80.2		
TWD-16960	85.0	3.2	80.2		
TWD-16970	85.0	3.2	80.2		
TWD-16980	85.0	3.2	80.3		
TWD-16990	84.9	3.0	80.3		
TWD-17000	84.9	3.0	80.3		
TWD-17010	84.9	3.0	80.3		
TWD-17020	84.4	2.4	80.4		
TWD-17030	84.4	2.4	80.4		
TWD-17040	84.2	2.2	80.4		
TWD-17050	84.2	2.1	80.4		
TWD-17060	84.1	2.0	80.5		
TWD-17070	84.1	2.0	80.5		
TWD-17080	84.2	2.1	80.5		
TWD-17090	84.6	2.5	80.5		
TWD-17100	84.9	2.7	80.6		
TWD-17110	84.8	2.6	80.6		
TWD-17120	84.7	2.5	80.6		
TWD-17130	84.8	2.5	80.6		
TWD-17140	84.8	2.5	80.7		
TWD-17150	85.1	2.8	80.7		
TWD-17160	85.2	2.9	80.7		
TWD-17170	85.2	2.9	80.7		
TWD-17180	85.0	2.7	80.8		
TWD-17190	84.8	2.5	80.8		
TWD-17200	84.8	2.3	80.8		
TWD-17210	84.3	1.8	80.8		
TWD-17220	84.6	2.2	80.9		
TWD-17230	83.2	1.3	80.2		
TWD-17240	82.8	1.2	80.2		
TWD-17250	82.5	2.1	80.0		
TWD-17260	82.5	2.1	79.8		
TWD-17270	82.6	2.2	79.8		
TWD-17280	82.5	2.2	79.7		
TWD-17290	82.5	2.3	79.6		
TWD-17300	82.6	2.4	79.6	1:194	
TWD-17310	82.6	2.5	79.5		
TWD-17320	82.6	2.6	79.4		
TWD-17330	82.6	2.7	79.4		
TWD-17340	82.7	2.8	79.3		
TWD-17350	82.8	3.0	79.3		
TWD-17360	82.9	2.9	79.4		
TWD-17370	82.9	2.8	79.4		
TWD-17380	82.8	2.8	79.4		
TWD-17390	82.9	2.8	79.4		
TWD-17400	82.7	2.6	79.5		
TWD-17410	82.6	2.5	79.5		
TWD-17420	82.6	2.5	79.5		
TWD-17430	82.5	2.4	79.5		
TWD-17440	82.5	2.3	79.5		
TWD-17450	82.4	2.3	79.5		
TWD-17460	82.2	2.1	79.5		
TWD-17470	82.1	1.8	79.6		
TWD-17480	82.3	1.9	79.8		
TWD-17490	82.6	2.1	79.8		
TWD-17500	83.0	2.3	79.9		
TWD-17510	83.0	2.1	79.2		
TWD-17520	83.0	2.0	79.4		
TWD-17530	83.2	2.1	79.5		
TWD-17540	83.4	2.1	79.7		
TWD-17550	83.4	2.0	79.8		
TWD-17560	83.6	2.0	79.8		
TWD-17570	83.9	2.1	80.1		
TWD-17580	84.1	2.2	80.3		
TWD-17590	84.4	2.3	80.4		
TWD-17600	84.5	2.3	80.6		
TWD-17610	84.5	2.1	80.7		
TWD-17620	84.6	1.9	80.9		
TWD-17630	84.7	1.8	81.1		
TWD-17640	84.9	1.8	81.2		
TWD-17650	84.9	1.8	81.4		
TWD-17660	84.9	1.8	81.5		
TWD-17670	84.7	1.4	81.7	1:166	
TWD-17680	84.5	1.4	81.4		
TWD-17690	84.2	1.4	81.2		
TWD-17700	83.8	1.2	81.0		

MW WB AV LA AV WB AV WB AV WB AV

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

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
- LVMV 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
- LVMV 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:
3317-B, 3317-D, 3318-A, 3318-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

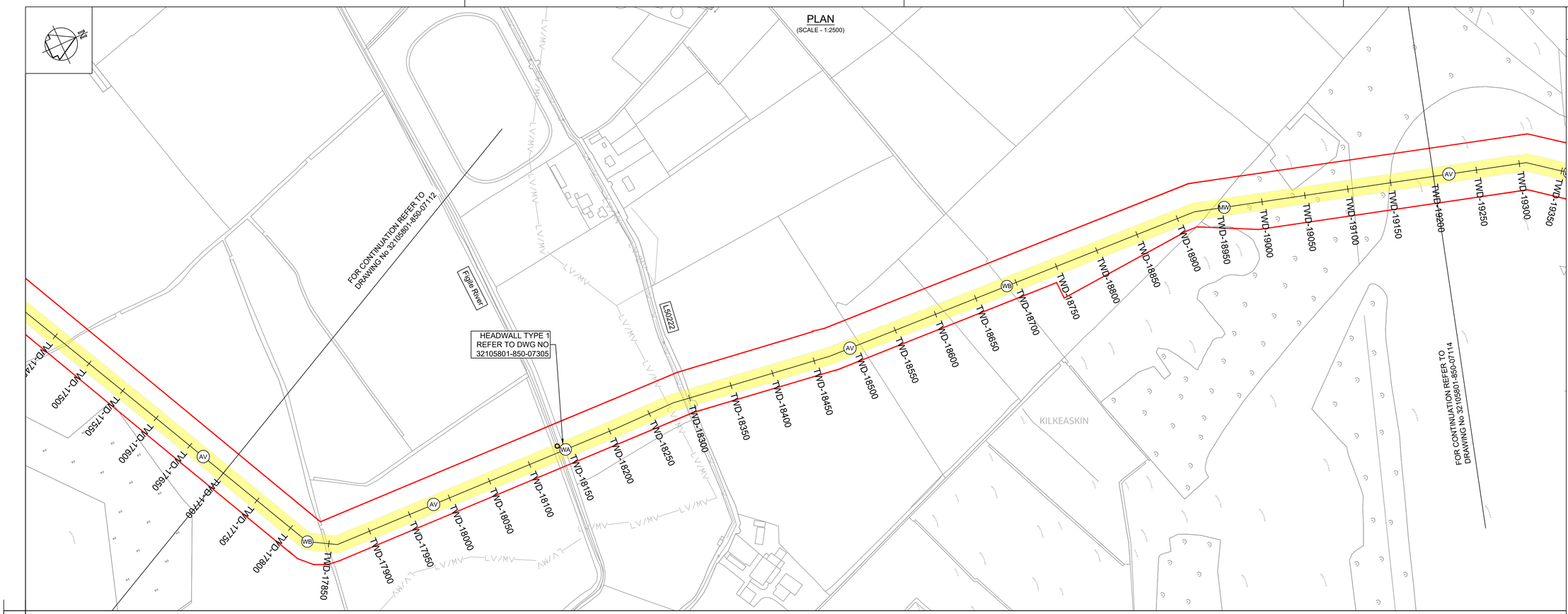
Drawing Title
GRAVITY PIPELINE SECTION D
PLAN AND LONGITUDINAL SECTION
SHEET 12 OF 23

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

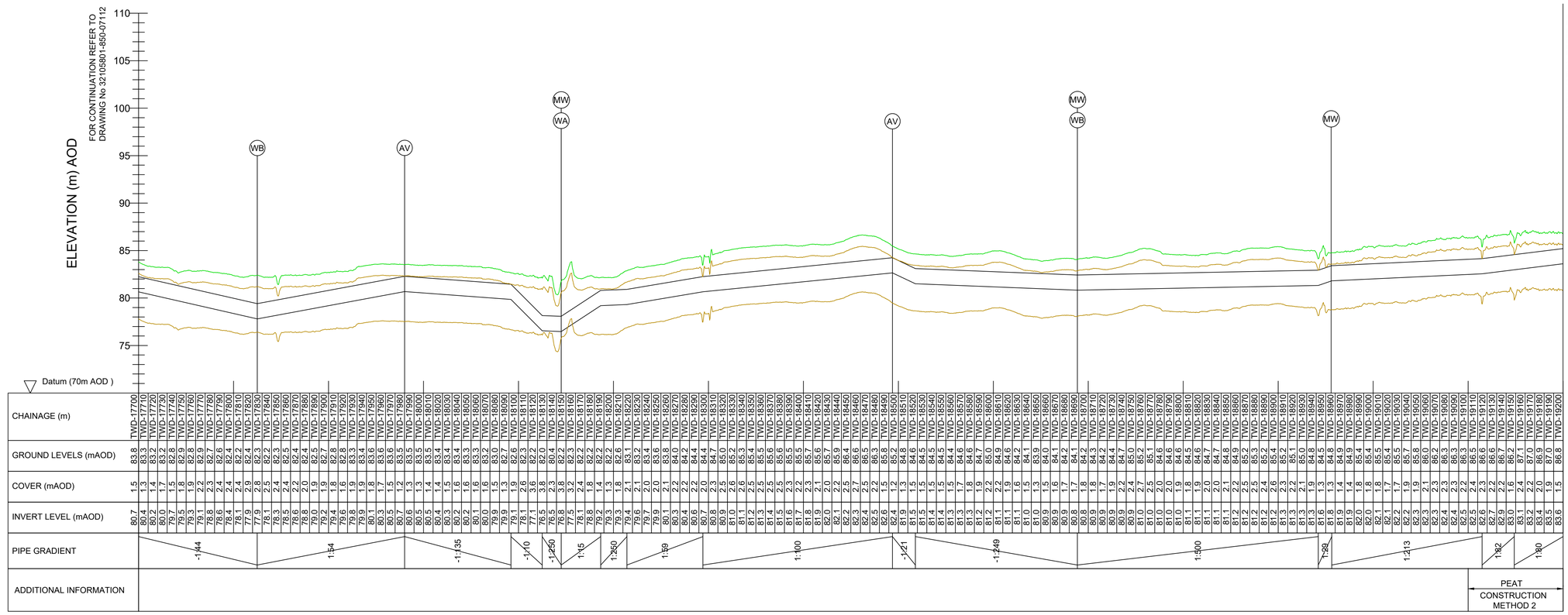
Drawing No.
32105801-850-07112

21.11.2025 11:46:50

PLAN
(SCALE - 1:2500)



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



CHAINAGE (m)	GROUND LEVELS (mAOD)	COVER (mAOD)	INVERT LEVEL (mAOD)
TWD-17700	83.8	1.5	80.7
TWD-17710	83.3	1.3	80.4
TWD-17720	83.2	1.4	80.2
TWD-17730	83.2	1.7	80.0
TWD-17740	83.2	1.5	79.7
TWD-17750	82.8	1.9	79.5
TWD-17760	82.8	1.9	79.3
TWD-17770	82.9	2.2	79.1
TWD-17780	82.7	2.3	78.8
TWD-17790	82.6	2.4	78.6
TWD-17800	82.4	2.4	78.4
TWD-17810	82.2	2.4	78.1
TWD-17820	82.4	2.9	77.9
TWD-17830	82.2	2.5	78.1
TWD-17840	82.2	2.5	78.1
TWD-17850	82.3	2.4	78.3
TWD-17860	82.5	2.4	78.5
TWD-17870	82.4	2.2	78.6
TWD-17880	82.4	2.4	78.8
TWD-17890	82.5	2.0	78.8
TWD-17900	82.7	1.9	79.0
TWD-17910	82.7	1.8	79.2
TWD-17920	82.8	1.6	79.4
TWD-17930	83.3	1.9	79.6
TWD-17940	83.4	1.9	79.8
TWD-17950	83.6	1.8	79.9
TWD-17960	83.6	1.7	80.1
TWD-17970	83.6	1.5	80.3
TWD-17980	83.5	1.2	80.5
TWD-17990	83.5	1.2	80.6
TWD-18000	83.5	1.3	80.5
TWD-18010	83.5	1.4	80.5
TWD-18020	83.4	1.4	80.4
TWD-18030	83.4	1.5	80.3
TWD-18040	83.4	1.6	80.2
TWD-18050	83.3	1.6	80.1
TWD-18060	83.3	1.6	80.1
TWD-18070	83.3	1.5	80.0
TWD-18080	83.0	1.5	79.9
TWD-18090	82.7	1.3	79.9
TWD-18100	82.6	1.9	79.1
TWD-18110	82.3	2.6	78.1
TWD-18120	82.2	3.6	77.1
TWD-18130	82.0	3.8	76.5
TWD-18140	80.4	2.3	76.5
TWD-18150	82.3	3.2	77.5
TWD-18160	82.2	2.4	78.1
TWD-18170	82.2	2.4	78.1
TWD-18180	82.2	1.8	78.2
TWD-18190	82.2	1.4	78.2
TWD-18200	82.6	1.3	79.3
TWD-18210	82.6	1.2	79.3
TWD-18220	83.1	1.8	79.4
TWD-18230	83.3	2.1	79.3
TWD-18240	83.4	2.0	79.4
TWD-18250	83.6	2.0	79.7
TWD-18260	83.8	2.1	79.9
TWD-18270	84.0	2.2	80.1
TWD-18280	84.2	2.2	80.3
TWD-18290	84.4	2.2	80.4
TWD-18300	84.4	2.0	80.6
TWD-18310	84.7	2.3	80.7
TWD-18320	85.0	2.5	80.9
TWD-18330	85.2	2.6	80.9
TWD-18340	85.3	2.6	80.9
TWD-18350	85.4	2.5	80.9
TWD-18360	85.5	2.5	81.0
TWD-18370	85.6	2.5	81.0
TWD-18380	85.6	2.5	81.0
TWD-18390	85.6	2.5	81.0
TWD-18400	85.7	2.2	81.5
TWD-18410	85.7	2.1	81.6
TWD-18420	85.7	2.1	81.6
TWD-18430	85.7	2.0	81.7
TWD-18440	85.9	2.2	81.7
TWD-18450	86.4	2.2	82.2
TWD-18460	86.6	2.5	82.1
TWD-18470	86.8	2.7	82.1
TWD-18480	86.3	2.2	82.1
TWD-18490	85.8	1.5	82.3
TWD-18500	85.2	1.2	82.4
TWD-18510	84.8	1.3	81.5
TWD-18520	84.6	1.5	81.5
TWD-18530	84.5	1.5	81.5
TWD-18540	84.5	1.5	81.4
TWD-18550	84.5	1.5	81.4
TWD-18560	84.4	1.5	81.4
TWD-18570	84.6	1.7	81.3
TWD-18580	84.6	1.8	81.3
TWD-18590	84.7	1.9	81.2
TWD-18600	85.0	2.2	81.2
TWD-18610	84.9	2.0	81.2
TWD-18620	84.6	1.9	81.1
TWD-18630	84.3	1.6	81.1
TWD-18640	84.1	1.5	81.0
TWD-18650	83.9	1.3	81.0
TWD-18660	84.0	1.5	80.9
TWD-18670	84.1	1.6	80.9
TWD-18680	84.2	1.7	80.9
TWD-18690	84.1	1.7	80.8
TWD-18700	84.2	1.8	80.8
TWD-18710	84.2	1.7	80.9
TWD-18720	84.2	1.9	80.9
TWD-18730	84.4	2.2	80.9
TWD-18740	84.7	2.4	80.9
TWD-18750	85.0	2.5	81.0
TWD-18760	85.2	2.7	81.0
TWD-18770	85.1	2.5	81.0
TWD-18780	84.9	2.0	81.0
TWD-18790	84.6	1.9	81.0
TWD-18800	84.5	1.8	81.1
TWD-18810	84.5	1.9	81.1
TWD-18820	84.6	1.9	81.1
TWD-18830	84.6	2.0	81.1
TWD-18840	84.7	2.0	81.1
TWD-18850	84.8	2.1	81.1
TWD-18860	84.9	2.2	81.2
TWD-18870	85.0	2.5	81.2
TWD-18880	85.3	2.5	81.2
TWD-18890	85.2	2.4	81.2
TWD-18900	85.2	2.6	81.2
TWD-18910	85.2	2.3	81.3
TWD-18920	85.1	2.2	81.3
TWD-18930	85.0	2.1	81.3
TWD-18940	84.8	1.9	81.3
TWD-18950	84.8	1.9	81.3
TWD-18960	84.8	1.3	81.5
TWD-18970	84.9	1.4	81.9
TWD-18980	84.9	1.4	81.9
TWD-18990	85.4	1.8	82.0
TWD-19000	85.4	1.8	82.0
TWD-19010	85.5	1.8	82.1
TWD-19020	85.4	1.7	82.1
TWD-19030	85.5	1.7	82.2
TWD-19040	85.7	1.9	82.2
TWD-19050	85.8	2.1	82.3
TWD-19060	86.0	2.3	82.3
TWD-19070	86.2	2.3	82.3
TWD-19080	86.3	2.3	82.4
TWD-19090	86.3	2.2	82.4
TWD-19100	86.3	2.3	82.5
TWD-19110	86.5	2.4	82.5
TWD-19120	86.7	2.2	82.9
TWD-19130	86.6	2.2	82.7
TWD-19140	86.7	2.2	82.9
TWD-19150	86.2	87.1	83.0
TWD-19160	87.0	1.6	83.1
TWD-19170	87.0	2.2	83.2
TWD-19180	86.9	2.0	83.4
TWD-19190	86.8	1.9	83.4
TWD-19200	86.8	1.5	83.6

PIPE GRADIENT: -1:44 | 1:54 | -1:135 | -1:10 | -1:250 | 1:15 | 1:250 | 1:39 | 1:100 | -1:21 | -1:249 | 1:500 | 1:29 | 1:213 | 1:82 | 1:80

ADDITIONAL INFORMATION: PEAT CONSTRUCTION METHOD 2

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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- Proposed Trenchless Excavation Section
- Proposed Construction Compounds or Pipe Storage Depot
- Permanent Wayleave for Existing 1200 Dia Main
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- 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
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- 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:
3318-A, 3253-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 D
PLAN AND LONGITUDINAL SECTION
SHEET 13 OF 23

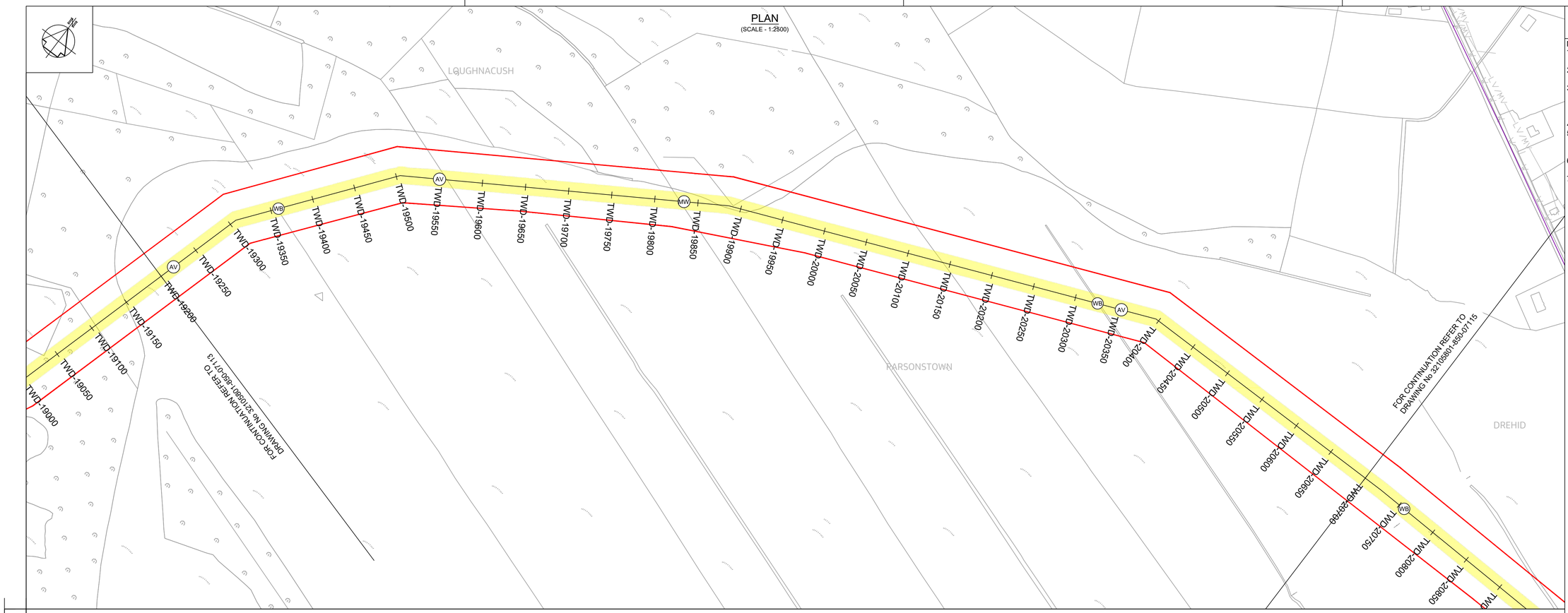
Drawing Status: FINAL FOR PLANNING

Jacobs Tobin No. 32105801 | Client No. 9318

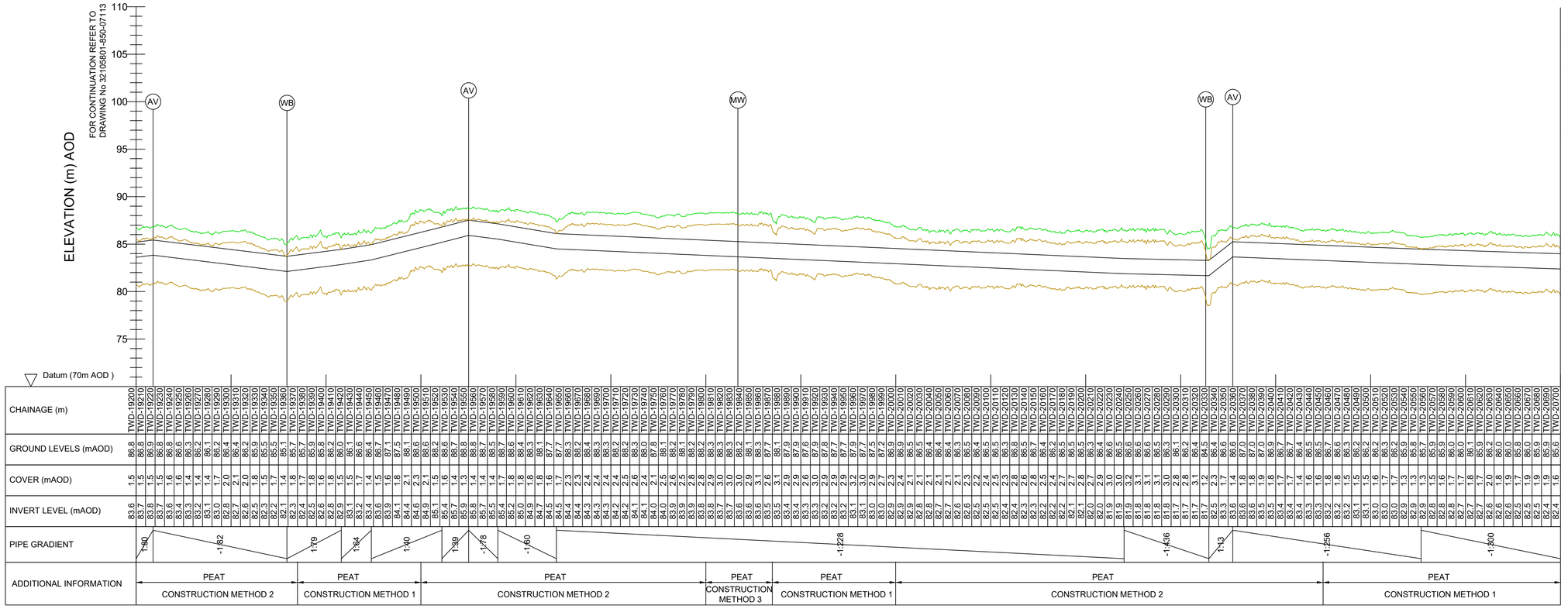
Drawing No.
32105801-850-07113

21.11.2025 11:47:42

PLAN
(SCALE - 1:2500)



ELEVATION (m) AOD



▽ Datum (70m AOD)

CHAINAGE (m)	GROUND LEVELS (mAOD)	COVER (mAOD)	INVERT LEVEL (mAOD)
TWD-19200	86.8	1.5	83.6
TWD-19210	86.8	1.5	83.7
TWD-19220	86.9	1.5	83.7
TWD-19230	86.8	1.6	83.6
TWD-19240	86.8	1.6	83.6
TWD-19250	86.6	1.6	83.4
TWD-19260	86.3	1.4	83.3
TWD-19270	86.6	1.4	83.2
TWD-19280	86.1	1.4	83.1
TWD-19290	86.2	1.7	83.0
TWD-19300	86.4	2.0	82.9
TWD-19310	86.2	2.0	82.7
TWD-19320	86.2	2.0	82.6
TWD-19330	85.9	1.8	82.5
TWD-19340	85.5	1.5	82.5
TWD-19350	85.5	1.7	82.2
TWD-19360	85.1	1.4	82.1
TWD-19370	85.7	1.8	82.3
TWD-19380	85.9	1.7	82.4
TWD-19390	85.9	1.6	82.6
TWD-19400	85.8	1.6	82.6
TWD-19410	86.2	1.8	82.8
TWD-19420	86.0	1.5	82.8
TWD-19430	86.1	1.5	83.1
TWD-19440	86.6	1.7	83.2
TWD-19450	86.4	1.4	83.4
TWD-19460	86.7	1.5	83.6
TWD-19470	87.0	1.8	83.6
TWD-19480	87.5	1.8	84.1
TWD-19490	88.1	2.1	84.4
TWD-19500	88.6	2.3	84.6
TWD-19510	88.6	2.1	84.9
TWD-19520	88.2	1.5	85.1
TWD-19530	88.6	1.6	85.4
TWD-19540	88.4	1.4	85.7
TWD-19550	88.4	1.4	85.7
TWD-19560	88.8	1.4	85.8
TWD-19570	88.7	1.4	85.7
TWD-19580	88.5	1.4	85.5
TWD-19590	88.7	1.7	85.4
TWD-19600	88.6	1.8	85.2
TWD-19610	88.4	1.8	85.0
TWD-19620	88.3	1.8	84.9
TWD-19630	88.2	1.7	84.7
TWD-19640	87.7	1.6	84.5
TWD-19650	87.7	1.7	84.4
TWD-19660	88.3	2.3	84.4
TWD-19670	88.2	2.3	84.4
TWD-19680	88.4	2.4	84.3
TWD-19690	88.3	2.4	84.3
TWD-19700	88.2	2.4	84.2
TWD-19710	88.2	2.4	84.2
TWD-19720	88.2	2.5	84.2
TWD-19730	88.3	2.6	84.1
TWD-19740	88.0	2.4	84.1
TWD-19750	87.8	2.1	84.0
TWD-19760	88.1	2.5	84.0
TWD-19770	88.2	2.6	84.0
TWD-19780	88.1	2.5	83.9
TWD-19790	88.2	2.8	83.9
TWD-19800	88.2	2.9	83.8
TWD-19810	88.3	3.0	83.8
TWD-19820	88.3	3.0	83.7
TWD-19830	88.3	3.0	83.7
TWD-19840	88.2	2.9	83.6
TWD-19850	88.1	2.9	83.6
TWD-19860	88.3	3.1	83.5
TWD-19870	88.1	3.1	83.5
TWD-19880	88.1	2.9	83.4
TWD-19890	87.9	2.9	83.4
TWD-19900	87.9	2.9	83.3
TWD-19910	87.6	2.6	83.3
TWD-19920	87.9	3.0	83.3
TWD-19930	87.8	2.9	83.2
TWD-19940	87.7	2.9	83.2
TWD-19950	87.8	3.2	83.1
TWD-19960	87.9	3.0	83.1
TWD-19970	87.7	2.9	83.0
TWD-19980	87.5	2.9	83.0
TWD-19990	87.2	2.7	82.9
TWD-20000	86.9	2.3	82.9
TWD-20010	86.9	2.4	82.9
TWD-20020	86.5	2.1	82.8
TWD-20030	86.4	2.1	82.8
TWD-20040	86.4	2.1	82.7
TWD-20050	86.4	2.1	82.7
TWD-20060	86.3	2.1	82.6
TWD-20070	86.5	2.3	82.6
TWD-20080	86.5	2.2	82.6
TWD-20090	86.4	2.2	82.5
TWD-20100	86.5	2.4	82.5
TWD-20110	86.5	2.5	82.4
TWD-20120	86.3	2.3	82.4
TWD-20130	86.3	2.8	82.3
TWD-20140	86.5	2.6	82.3
TWD-20150	86.7	2.8	82.2
TWD-20160	86.4	2.5	82.2
TWD-20170	86.2	2.4	82.2
TWD-20180	86.5	2.7	82.1
TWD-20190	86.5	2.8	82.0
TWD-20200	86.5	2.7	82.0
TWD-20210	86.3	2.6	82.0
TWD-20220	86.4	2.9	82.0
TWD-20230	86.6	3.0	81.9
TWD-20240	86.5	3.0	81.9
TWD-20250	86.6	3.2	81.9
TWD-20260	86.6	3.1	81.8
TWD-20270	86.5	3.1	81.8
TWD-20280	86.5	3.0	81.8
TWD-20290	86.3	3.0	81.8
TWD-20300	86.1	2.8	81.7
TWD-20310	86.2	2.8	81.7
TWD-20320	86.4	3.1	81.7
TWD-20330	84.5	1.2	81.7
TWD-20340	86.4	2.3	82.5
TWD-20350	86.4	2.4	82.5
TWD-20360	86.6	1.4	83.6
TWD-20370	87.0	1.8	83.6
TWD-20380	87.0	1.8	83.6
TWD-20390	87.0	1.9	83.5
TWD-20400	86.9	1.8	83.5
TWD-20410	86.7	1.7	83.4
TWD-20420	86.7	1.7	83.4
TWD-20430	86.4	1.6	83.3
TWD-20440	86.5	1.6	83.3
TWD-20450	86.5	1.8	83.2
TWD-20460	86.7	1.8	83.2
TWD-20470	86.6	1.8	83.1
TWD-20480	86.3	1.5	83.1
TWD-20490	86.2	1.5	83.1
TWD-20500	86.3	1.5	83.0
TWD-20510	86.3	1.7	83.0
TWD-20520	86.2	1.7	83.0
TWD-20530	86.0	1.7	82.9
TWD-20540	85.9	1.3	82.9
TWD-20550	85.8	1.3	82.9
TWD-20560	85.7	1.5	82.8
TWD-20570	85.9	1.6	82.8
TWD-20580	85.9	1.6	82.8
TWD-20590	86.0	1.7	82.7
TWD-20600	86.0	1.8	82.7
TWD-20610	86.1	1.7	82.7
TWD-20620	85.9	1.8	82.7
TWD-20630	86.2	2.0	82.6
TWD-20640	86.0	1.8	82.6
TWD-20650	85.8	1.9	82.6
TWD-20660	85.6	1.7	82.5
TWD-20670	85.6	1.9	82.5
TWD-20680	85.9	1.9	82.4
TWD-20690	85.9	1.9	82.4
TWD-20700	85.6	1.6	82.4

PIPE GRADIENT: 1:80, 1:82, 1:79, 1:84, 1:140, 1:139, 1:178, 1:160, 1:228, 1:436, 1:113, 1:256, 1:300

ADDITIONAL INFORMATION							
PEAT	PEAT	PEAT	PEAT	PEAT	PEAT	PEAT	
CONSTRUCTION METHOD 2	CONSTRUCTION METHOD 1	CONSTRUCTION METHOD 2	CONSTRUCTION METHOD 3	CONSTRUCTION METHOD 1	CONSTRUCTION METHOD 2	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

Notes:
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- HV Existing Electric Overhead Powerline, High Voltage
- W Existing Water Mains
- G Existing Gas Mains
- F Existing Foul Sewers
- LVMV 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:
3318-A, 3253-B, 3253-C, 3253-D.

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	KP	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 D
PLAN AND LONGITUDINAL SECTION
SHEET 14 OF 23

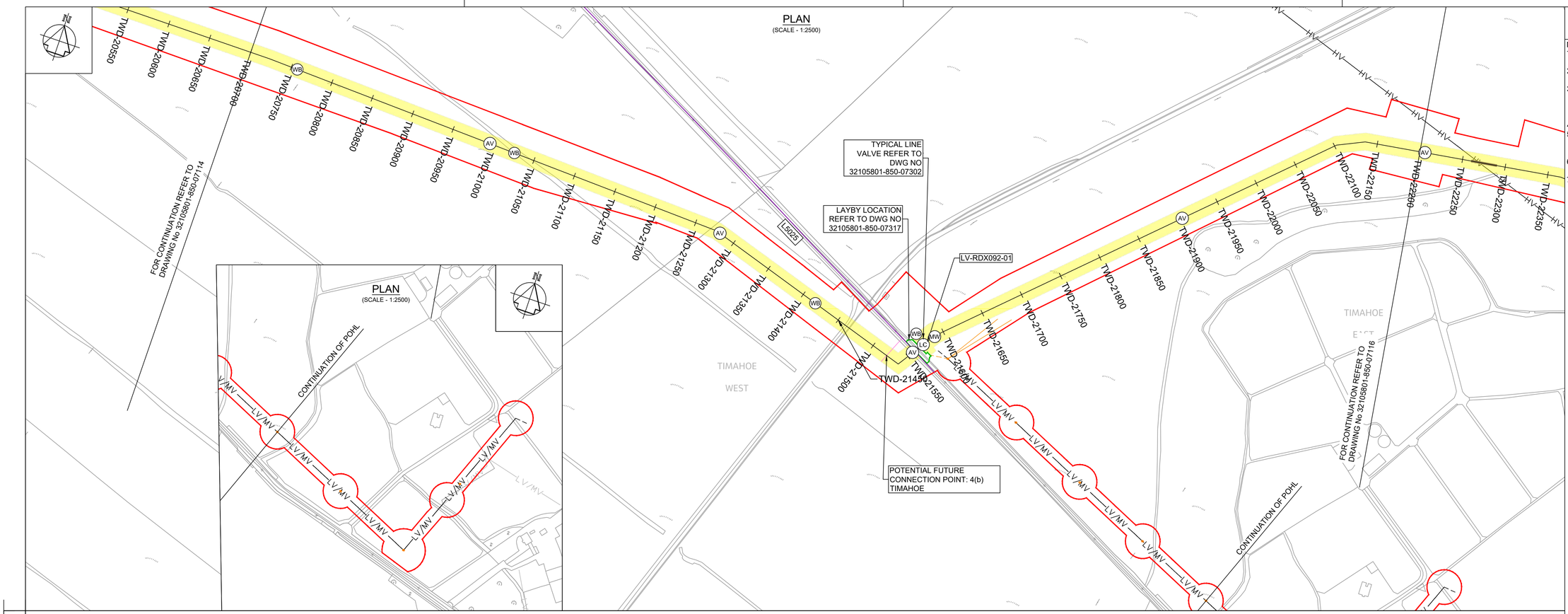
Drawing Status: FINAL FOR PLANNING
Jacobs Tobin No. 32105801 | Client No. 9318

Drawing No.
32105801-850-07114

21.11.2025 11:48:33

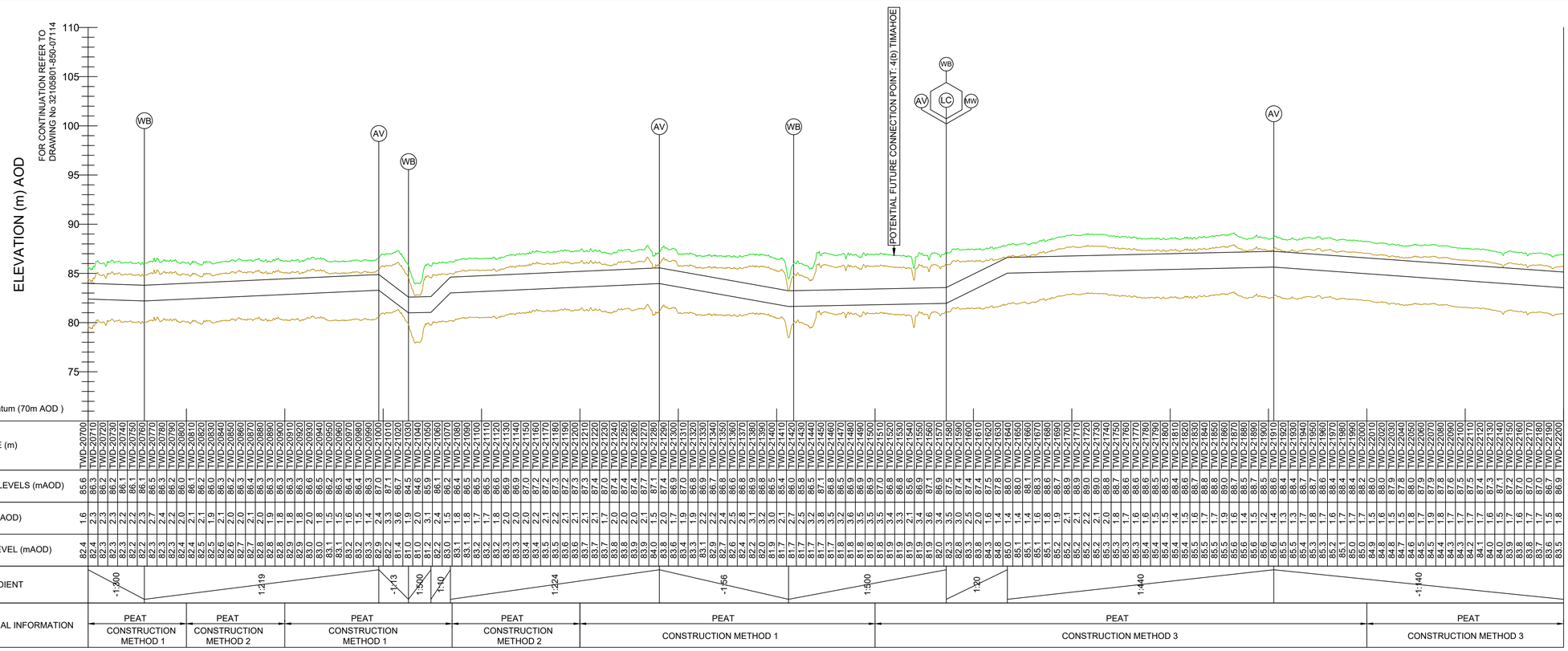
Original Size
A1

PLAN
(SCALE - 1:2500)



PLAN
(SCALE - 1:2500)

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



SCALE 1 : 2500

SCALE 1 : 250

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OSI Sheet No's:

3253-B, 3253-C, 3253-D.

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	KP	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

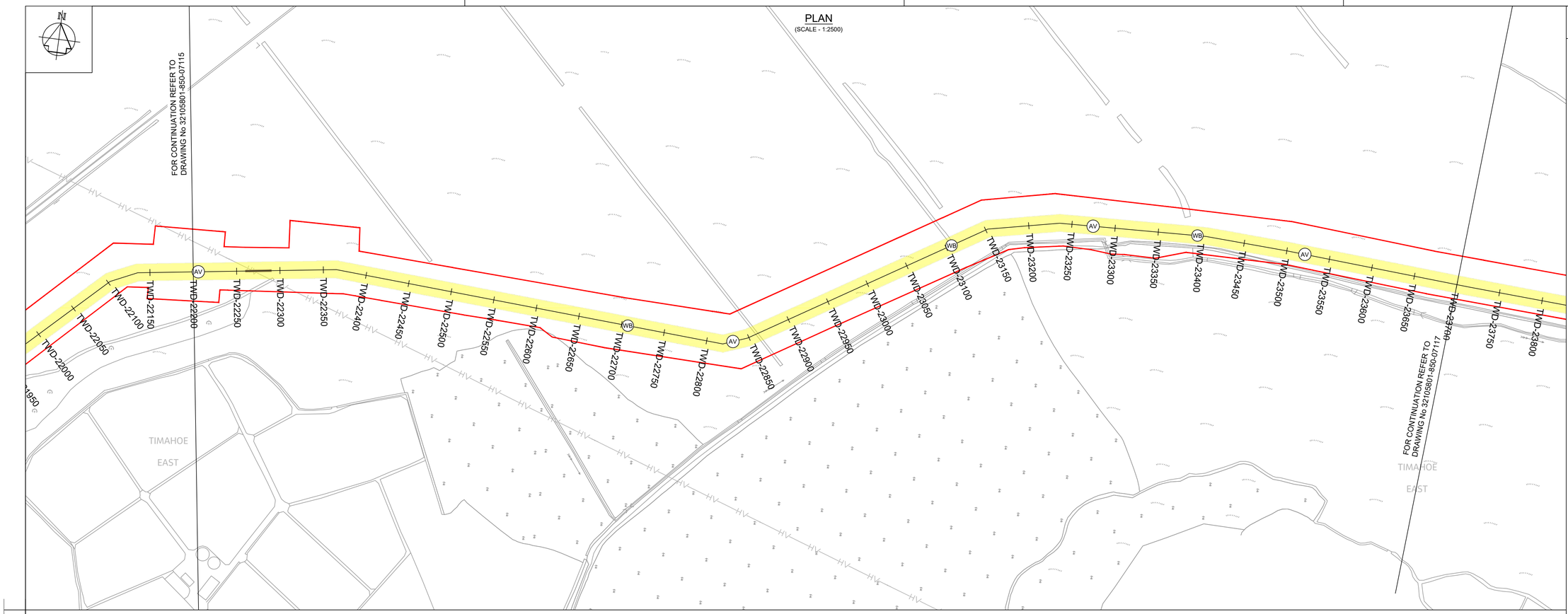
Drawing Title
GRAVITY PIPELINE SECTION D
PLAN AND LONGITUDINAL SECTION
SHEET 15 OF 23

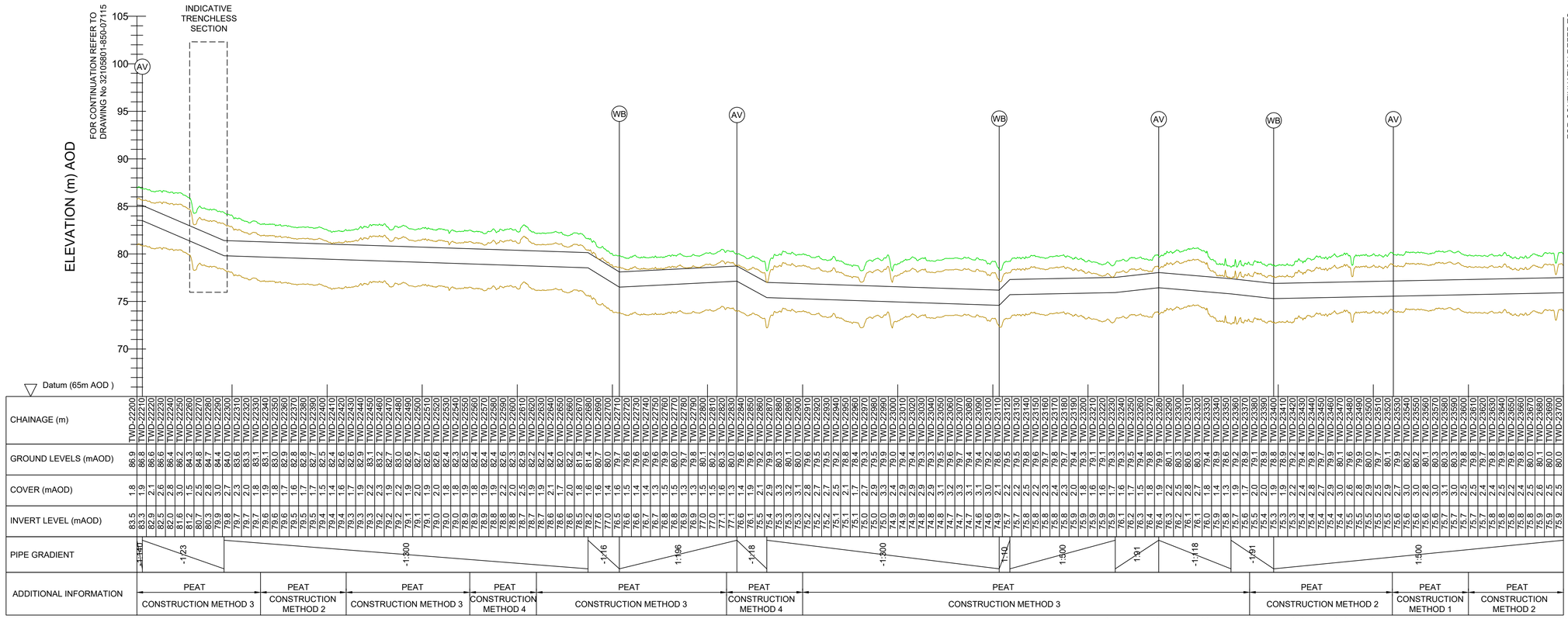
Drawing Status: FINAL FOR PLANNING
Jacobs Tobin No. 32105801
Client No. 9318

Drawing No.
32105801-850-07115

21.11.2025 11:49:29

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:
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- Existing Electric Overhead Powerline, High Voltage
- Existing Water Mains
- Existing Gas Mains
- Existing Foul Sewers
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OSI Sheet No's:
3253-B, 3253-D, 3254-A, 3254-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,
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DUBLIN 1,
IRELAND
Call 1890 278 278
Int: 00 353 1 707 2828

Jacobs TOBIN

Originated By	Drawn By	Checked By	Approved By
JB	KP	HG	SPM
Date	Date	Date	Date
26.09.18	01.12.2025	01.12.2025	01.12.2025

Scale: AS SHOWN @ A1 — FINAL

Project Title: WATER SUPPLY PROJECT
EASTERN AND MIDLANDS REGION

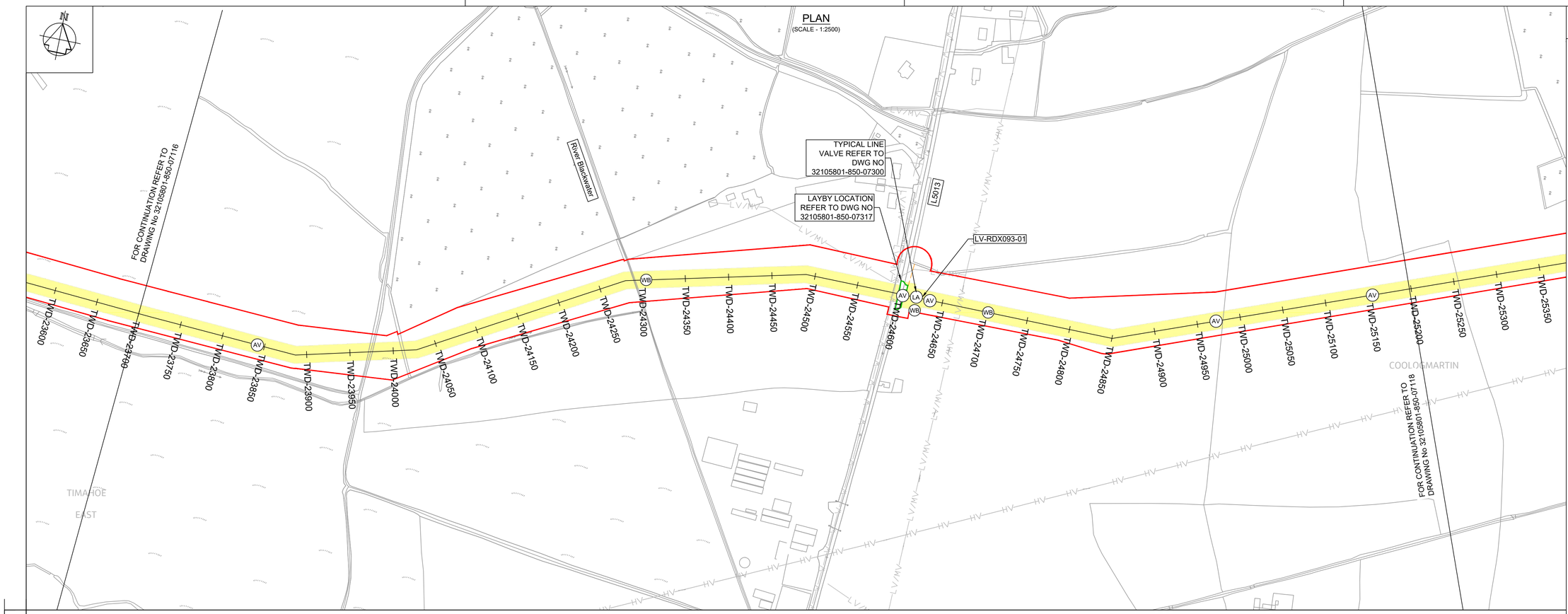
Drawing Title: GRAVITY PIPELINE SECTION D
PLAN AND LONGITUDINAL SECTION
SHEET 16 OF 23

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

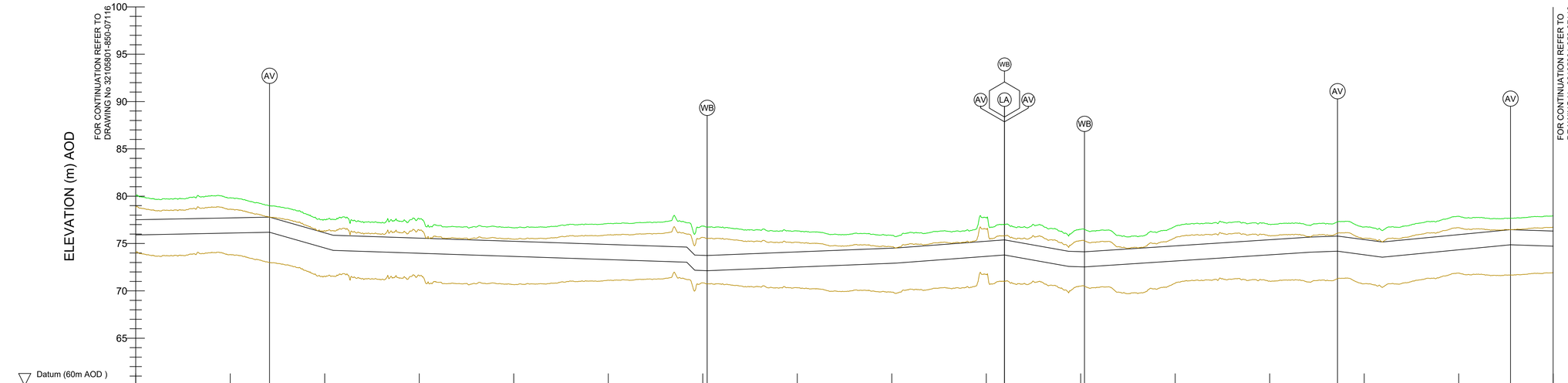
Drawing No.
32105801-850-07116

21.11.2025 11:51:03

PLAN
(SCALE - 1:2500)



ELEVATION (m) AOD



Datum (60m AOD)

CHAINAGE (m)	GROUND LEVELS (mAOD)	COVER (mAOD)	INVERT LEVEL (mAOD)	PIPE GRADIENT
TWD-23700	80.0	2.5	75.9	
TWD-23710	79.9	2.3	75.9	
TWD-23720	79.7	2.2	75.9	
TWD-23730	79.7	2.1	76.0	
TWD-23740	79.7	2.1	76.0	
TWD-23750	79.7	2.3	76.0	1:300
TWD-23760	80.0	2.3	76.0	
TWD-23770	80.0	2.3	76.0	
TWD-23780	80.0	2.4	76.1	
TWD-23790	80.0	2.4	76.1	
TWD-23800	79.8	2.1	76.1	
TWD-23810	79.7	1.7	76.1	
TWD-23820	79.5	1.5	76.2	
TWD-23830	79.3	1.5	76.2	
TWD-23840	79.3	1.5	76.2	
TWD-23850	78.9	1.3	76.0	
TWD-23860	78.5	1.5	75.7	
TWD-23870	78.1	1.4	75.4	
TWD-23880	77.8	1.4	75.1	
TWD-23890	77.5	1.4	74.8	
TWD-23900	77.3	1.4	74.5	
TWD-23910	77.3	2.0	74.3	-1:55
TWD-23920	77.5	2.1	74.2	
TWD-23930	77.4	1.6	74.2	
TWD-23940	77.3	1.5	74.2	
TWD-23950	77.3	1.5	74.1	
TWD-23960	77.2	1.5	74.1	
TWD-23970	77.5	1.9	74.1	
TWD-23980	77.4	1.7	74.1	
TWD-23990	77.5	1.9	74.0	
TWD-24000	77.5	2.0	74.0	
TWD-24010	76.8	1.2	73.9	
TWD-24020	76.9	1.4	73.9	
TWD-24030	76.8	1.3	73.8	
TWD-24040	76.8	1.4	73.8	
TWD-24050	76.7	1.4	73.8	
TWD-24060	76.7	1.4	73.7	
TWD-24070	76.8	1.5	73.7	
TWD-24080	76.8	1.4	73.7	
TWD-24090	76.7	1.4	73.6	
TWD-24100	76.7	1.4	73.6	
TWD-24110	76.7	1.5	73.6	
TWD-24120	76.7	1.6	73.6	
TWD-24130	76.7	1.6	73.5	
TWD-24140	76.8	1.7	73.5	
TWD-24150	76.9	1.9	73.5	
TWD-24160	77.0	2.0	73.4	
TWD-24170	77.0	2.0	73.4	
TWD-24180	77.0	2.1	73.4	
TWD-24190	77.0	2.1	73.3	
TWD-24200	77.1	2.2	73.3	
TWD-24210	77.1	2.3	73.3	
TWD-24220	77.2	2.3	73.2	
TWD-24230	77.2	2.4	73.2	
TWD-24240	77.2	2.5	73.2	
TWD-24250	77.3	2.6	73.1	
TWD-24260	77.3	2.6	73.1	
TWD-24270	78.0	3.3	73.0	
TWD-24280	77.3	2.7	73.0	
TWD-24290	76.8	2.3	72.9	
TWD-24300	76.7	2.1	72.9	
TWD-24310	76.7	2.0	72.9	
TWD-24320	76.6	2.8	72.8	
TWD-24330	76.6	2.6	72.8	
TWD-24340	76.5	2.5	72.8	
TWD-24350	76.5	2.5	72.7	
TWD-24360	76.4	2.5	72.7	
TWD-24370	76.3	2.3	72.7	
TWD-24380	76.3	2.3	72.6	
TWD-24390	76.3	2.2	72.6	
TWD-24400	76.3	2.1	72.6	
TWD-24410	76.3	2.1	72.6	
TWD-24420	76.2	2.0	72.6	
TWD-24430	76.1	1.8	72.6	
TWD-24440	76.0	1.7	72.7	
TWD-24450	75.9	1.6	72.7	
TWD-24460	76.1	1.7	72.8	
TWD-24470	76.1	1.7	72.8	
TWD-24480	76.0	1.6	72.9	
TWD-24490	75.9	1.5	72.9	
TWD-24500	75.9	1.5	72.9	
TWD-24510	75.9	1.3	73.0	
TWD-24520	75.9	1.3	73.0	
TWD-24530	76.1	1.4	73.1	
TWD-24540	76.2	1.4	73.2	
TWD-24550	76.3	1.4	73.3	
TWD-24560	76.3	1.3	73.3	
TWD-24570	76.3	1.3	73.3	
TWD-24580	76.5	1.4	73.5	
TWD-24590	76.6	1.5	73.6	
TWD-24600	76.7	1.6	73.7	
TWD-24610	76.9	1.6	73.8	
TWD-24620	77.0	1.6	73.8	
TWD-24630	76.8	1.5	73.8	
TWD-24640	76.8	1.5	73.8	
TWD-24650	76.7	1.5	73.7	
TWD-24660	76.6	1.5	73.7	
TWD-24670	76.3	1.4	73.6	
TWD-24680	76.3	1.4	73.6	
TWD-24690	76.1	1.5	73.6	
TWD-24700	76.5	1.6	73.6	
TWD-24710	76.3	1.5	73.6	
TWD-24720	76.4	1.6	73.7	
TWD-24730	76.4	1.7	73.7	
TWD-24740	76.4	1.7	73.7	
TWD-24750	76.0	1.5	73.7	
TWD-24760	75.9	1.5	73.7	
TWD-24770	75.7	1.2	73.7	
TWD-24780	75.9	1.4	73.8	
TWD-24790	76.2	1.5	73.8	
TWD-24800	76.4	1.7	73.8	
TWD-24810	77.0	2.2	73.8	
TWD-24820	77.1	2.2	73.9	
TWD-24830	77.2	2.2	73.9	
TWD-24840	77.3	2.2	73.9	
TWD-24850	77.2	2.1	73.9	
TWD-24860	77.2	2.0	73.9	
TWD-24870	77.2	1.9	73.9	
TWD-24880	77.2	1.9	73.9	
TWD-24890	77.2	1.9	73.9	
TWD-24900	77.1	1.6	73.9	
TWD-24910	77.1	1.6	73.9	
TWD-24920	77.2	1.6	73.9	
TWD-24930	77.1	1.5	74.0	
TWD-24940	76.9	1.3	74.0	
TWD-24950	77.1	1.4	74.1	
TWD-24960	77.1	1.4	74.1	
TWD-24970	77.2	1.4	74.2	
TWD-24980	77.0	1.7	74.1	
TWD-24990	77.0	1.5	73.9	
TWD-25000	76.7	1.3	73.8	
TWD-25010	76.7	1.4	73.7	
TWD-25020	76.4	1.2	73.6	
TWD-25030	76.8	1.5	73.7	
TWD-25040	76.9	1.4	73.8	
TWD-25050	77.0	1.5	73.9	
TWD-25060	77.2	1.6	74.0	
TWD-25070	77.3	1.7	74.1	
TWD-25080	77.4	1.7	74.1	
TWD-25090	77.9	1.9	74.2	
TWD-25100	77.7	1.7	74.3	
TWD-25110	77.7	1.9	74.4	
TWD-25120	77.7	1.7	74.4	
TWD-25130	77.7	1.6	74.5	
TWD-25140	77.7	1.5	74.6	
TWD-25150	77.7	1.3	74.7	
TWD-25160	77.6	1.3	74.7	
TWD-25170	77.7	1.3	74.8	
TWD-25180	77.9	1.2	74.9	1:104
TWD-25190	77.9	1.5	74.8	
TWD-25200	77.9	1.6	74.7	-1:300

ADDITIONAL INFORMATION:
- PEAT CONSTRUCTION METHOD 2
- PEAT CONSTRUCTION METHOD 1
- PEAT CONSTRUCTION METHOD 2
- PEAT CONSTRUCTION METHOD 2 (6m MAXIMUM DIG DEPTH)
- 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

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:
3254-A, 3254-C, 3254-B, 3254-D.

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	KP	HG	SPM
Date 28.09.18	Date 01.12.2025	Date 01.12.2025	Date 01.12.2025

Scale: AS SHOWN @ A1 — FINAL

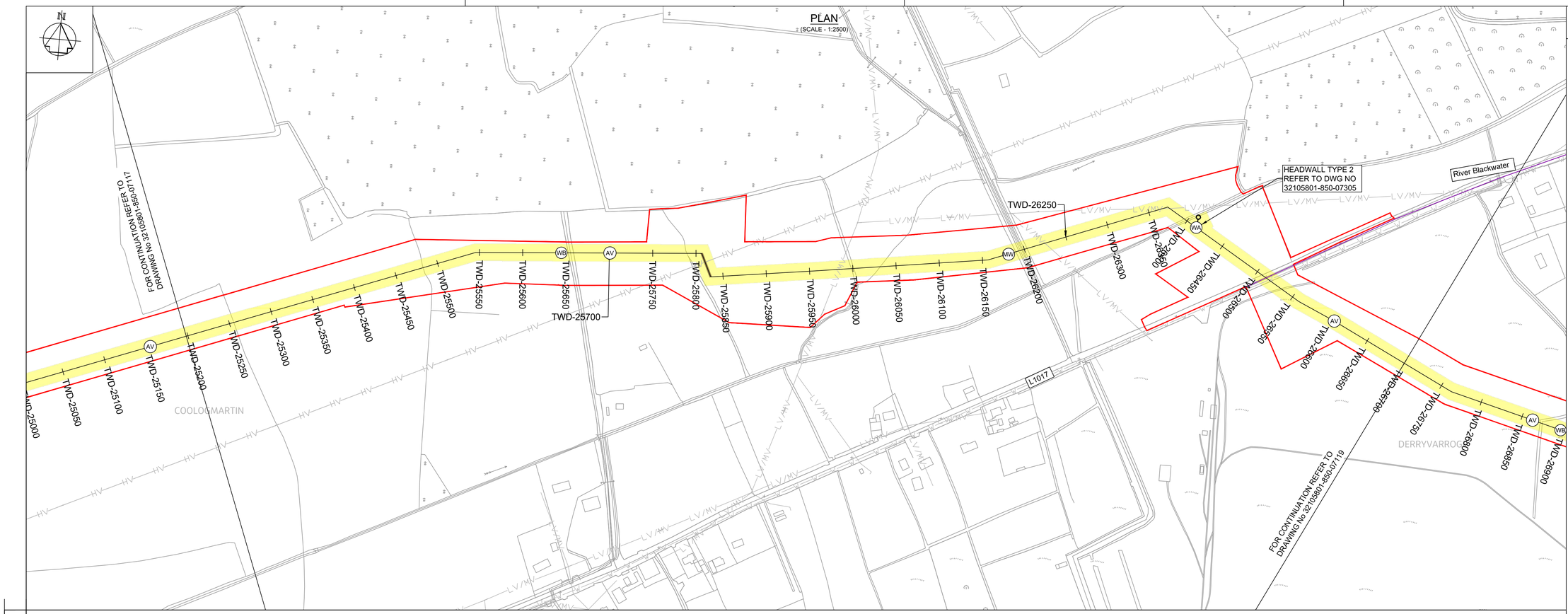
Project Title: WATER SUPPLY PROJECT EASTERN AND MIDLANDS REGION

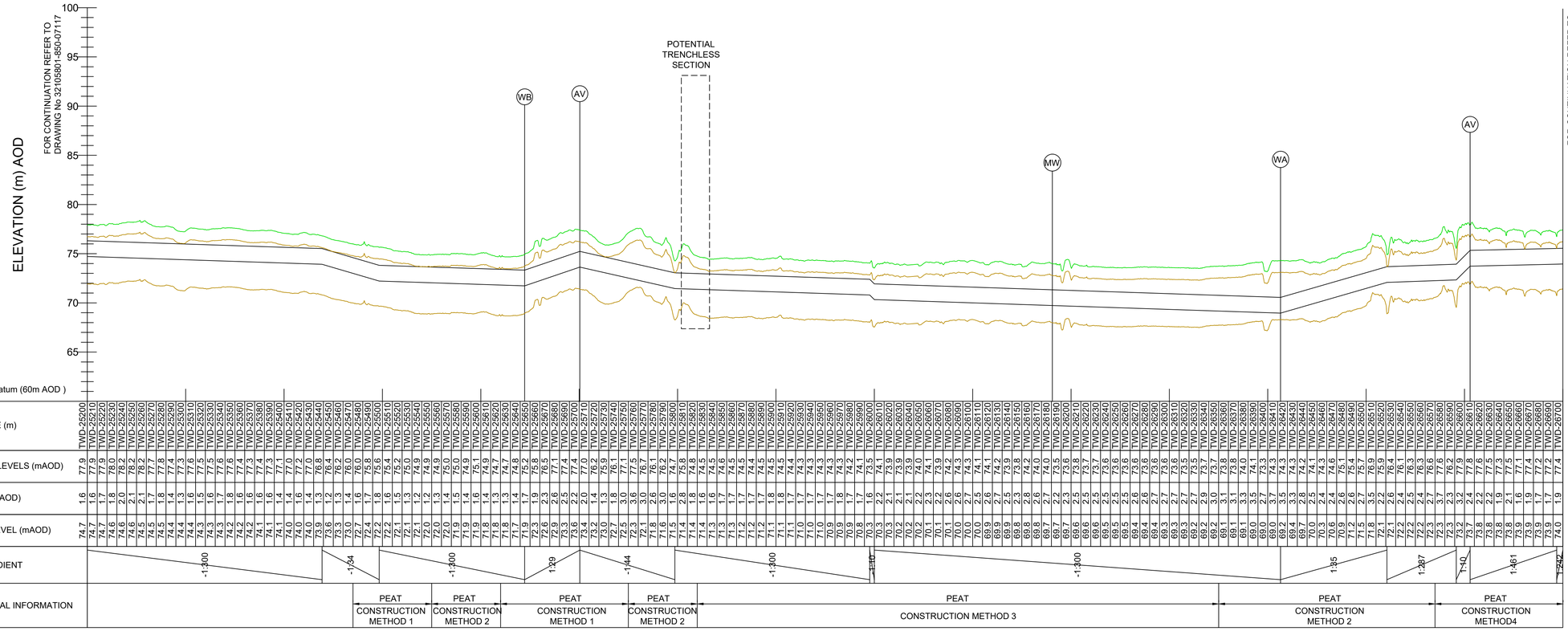
Drawing Title: GRAVITY PIPELINE SECTION D PLAN AND LONGITUDINAL SECTION SHEET 17 OF 23

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

Drawing No.
32105801-850-07117

21.11.2025 11:52:59





Datum (60m AOD)

CHAINAGE (m)	GROUND LEVELS (mAOD)	COVER (mAOD)	INVERT LEVEL (mAOD)
TWD-25200	77.9	1.6	74.7
TWD-25210	77.9	1.6	74.7
TWD-25220	77.9	1.7	74.7
TWD-25230	78.0	1.8	74.6
TWD-25240	78.0	1.8	74.6
TWD-25250	78.2	2.1	74.5
TWD-25260	78.2	2.1	74.5
TWD-25270	78.2	1.7	74.5
TWD-25280	77.8	1.8	74.5
TWD-25290	77.4	1.4	74.4
TWD-25300	77.3	1.3	74.4
TWD-25310	77.6	1.6	74.4
TWD-25320	77.5	1.5	74.3
TWD-25330	77.5	1.6	74.3
TWD-25340	77.6	1.8	74.2
TWD-25350	77.4	1.7	74.3
TWD-25360	77.4	1.6	74.2
TWD-25370	77.4	1.6	74.2
TWD-25380	77.3	1.6	74.1
TWD-25390	77.3	1.6	74.1
TWD-25400	77.1	1.4	74.1
TWD-25410	77.0	1.4	74.0
TWD-25420	77.2	1.6	74.0
TWD-25430	77.0	1.4	74.0
TWD-25440	76.8	1.3	73.9
TWD-25450	76.4	1.2	73.6
TWD-25460	76.2	1.3	73.3
TWD-25470	76.0	1.4	73.0
TWD-25480	75.8	1.5	72.7
TWD-25490	75.6	1.7	72.4
TWD-25500	75.6	1.8	72.2
TWD-25510	75.4	1.6	72.2
TWD-25520	75.2	1.5	72.1
TWD-25530	75.0	1.3	72.1
TWD-25540	74.9	1.2	72.1
TWD-25550	74.9	1.2	72.0
TWD-25560	74.9	1.3	72.0
TWD-25570	75.0	1.4	72.0
TWD-25580	75.0	1.5	71.9
TWD-25590	74.9	1.4	71.9
TWD-25600	75.1	1.6	71.9
TWD-25610	74.9	1.4	71.8
TWD-25620	74.7	1.3	71.8
TWD-25630	74.8	1.4	71.8
TWD-25640	74.8	1.3	71.9
TWD-25650	75.2	1.7	71.9
TWD-25660	75.6	1.9	72.3
TWD-25670	76.5	2.3	72.6
TWD-25680	77.1	2.6	72.9
TWD-25690	77.4	2.5	73.3
TWD-25700	77.4	2.2	73.6
TWD-25710	77.4	2.4	73.4
TWD-25720	77.0	2.0	73.4
TWD-25730	76.9	1.9	73.4
TWD-25740	76.4	1.3	73.0
TWD-25750	76.1	1.8	72.7
TWD-25760	77.5	3.0	72.5
TWD-25770	77.1	3.0	72.1
TWD-25780	76.7	3.6	72.3
TWD-25790	76.1	2.6	71.8
TWD-25800	76.2	3.0	71.6
TWD-25810	75.6	2.8	71.4
TWD-25820	75.2	1.8	71.4
TWD-25830	74.8	1.4	71.4
TWD-25840	74.5	1.6	71.3
TWD-25850	74.6	1.7	71.3
TWD-25860	74.5	1.7	71.2
TWD-25870	74.5	1.7	71.2
TWD-25880	74.5	1.7	71.2
TWD-25890	74.5	1.7	71.2
TWD-25900	74.5	1.8	71.1
TWD-25910	74.5	1.7	71.1
TWD-25920	74.4	1.7	71.1
TWD-25930	74.3	1.7	71.1
TWD-25940	74.3	1.7	71.0
TWD-25950	74.3	1.7	71.0
TWD-25960	74.3	1.7	71.0
TWD-25970	74.3	1.8	70.9
TWD-25980	74.2	1.7	70.9
TWD-25990	74.1	1.7	70.8
TWD-26000	73.5	1.6	70.3
TWD-26010	74.1	2.2	70.3
TWD-26020	73.9	2.1	70.2
TWD-26030	73.9	2.1	70.2
TWD-26040	74.0	2.2	70.2
TWD-26050	74.0	2.2	70.2
TWD-26060	74.1	2.3	70.1
TWD-26070	73.9	2.2	70.1
TWD-26080	74.2	2.6	70.1
TWD-26090	74.3	2.7	70.0
TWD-26100	74.3	2.6	70.0
TWD-26110	74.1	2.5	69.9
TWD-26120	74.1	2.7	69.9
TWD-26130	74.2	2.7	69.9
TWD-26140	73.9	2.5	69.9
TWD-26150	73.8	2.3	69.8
TWD-26160	74.2	2.8	69.8
TWD-26170	74.0	2.6	69.8
TWD-26180	74.0	2.7	69.7
TWD-26190	73.6	2.2	69.7
TWD-26200	73.5	2.2	69.7
TWD-26210	73.8	2.5	69.6
TWD-26220	73.7	2.5	69.6
TWD-26230	73.7	2.5	69.5
TWD-26240	73.6	2.5	69.5
TWD-26250	73.6	2.5	69.5
TWD-26260	73.6	2.6	69.4
TWD-26270	73.6	2.6	69.4
TWD-26280	73.6	2.7	69.4
TWD-26290	73.6	2.7	69.3
TWD-26300	73.6	2.7	69.3
TWD-26310	73.6	2.7	69.3
TWD-26320	73.5	2.7	69.3
TWD-26330	73.5	2.7	69.3
TWD-26340	73.7	2.9	69.2
TWD-26350	73.8	3.0	69.2
TWD-26360	73.8	3.1	69.1
TWD-26370	73.8	3.1	69.1
TWD-26380	74.0	3.3	69.1
TWD-26390	74.1	3.5	69.0
TWD-26400	74.3	3.7	69.0
TWD-26410	74.3	3.5	69.2
TWD-26420	74.3	3.5	69.4
TWD-26430	74.3	3.3	69.4
TWD-26440	74.1	2.7	69.4
TWD-26450	74.3	2.5	70.0
TWD-26460	74.3	2.4	70.3
TWD-26470	74.6	2.4	70.6
TWD-26480	75.1	2.6	70.9
TWD-26490	75.4	2.6	71.2
TWD-26500	75.7	2.7	71.5
TWD-26510	76.0	2.5	71.8
TWD-26520	76.4	2.6	72.1
TWD-26530	76.4	2.5	72.2
TWD-26540	76.1	2.4	72.2
TWD-26550	76.3	2.5	72.2
TWD-26560	76.3	2.7	72.3
TWD-26570	76.6	2.7	72.3
TWD-26580	77.0	3.0	72.3
TWD-26590	77.2	3.1	72.3
TWD-26600	77.8	3.4	73.7
TWD-26610	77.8	2.4	73.8
TWD-26620	77.6	2.2	73.8
TWD-26630	77.5	2.2	73.8
TWD-26640	77.3	1.9	73.8
TWD-26650	77.1	2.1	73.8
TWD-26660	77.4	1.6	73.9
TWD-26670	77.4	1.7	73.9
TWD-26680	77.2	1.7	73.9
TWD-26690	77.2	1.7	73.9
TWD-26700	77.4	1.9	74.0

PIPE GRADIENT	ADDITIONAL INFORMATION
1:300	
1:44	
1:300	PEAT CONSTRUCTION METHOD 1
1:29	PEAT CONSTRUCTION METHOD 2
1:44	PEAT CONSTRUCTION METHOD 1
1:300	PEAT CONSTRUCTION METHOD 2
1:10	PEAT CONSTRUCTION METHOD 3
1:300	
1:35	PEAT CONSTRUCTION METHOD 2
1:287	
1:40	PEAT CONSTRUCTION METHOD4
1:461	
1:292	

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.
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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
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- Existing Gas Mains
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- Proposed power poles - line valve feed
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- Proposed Stay Wire
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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:
3254-B, 3255-A.

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	KP	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

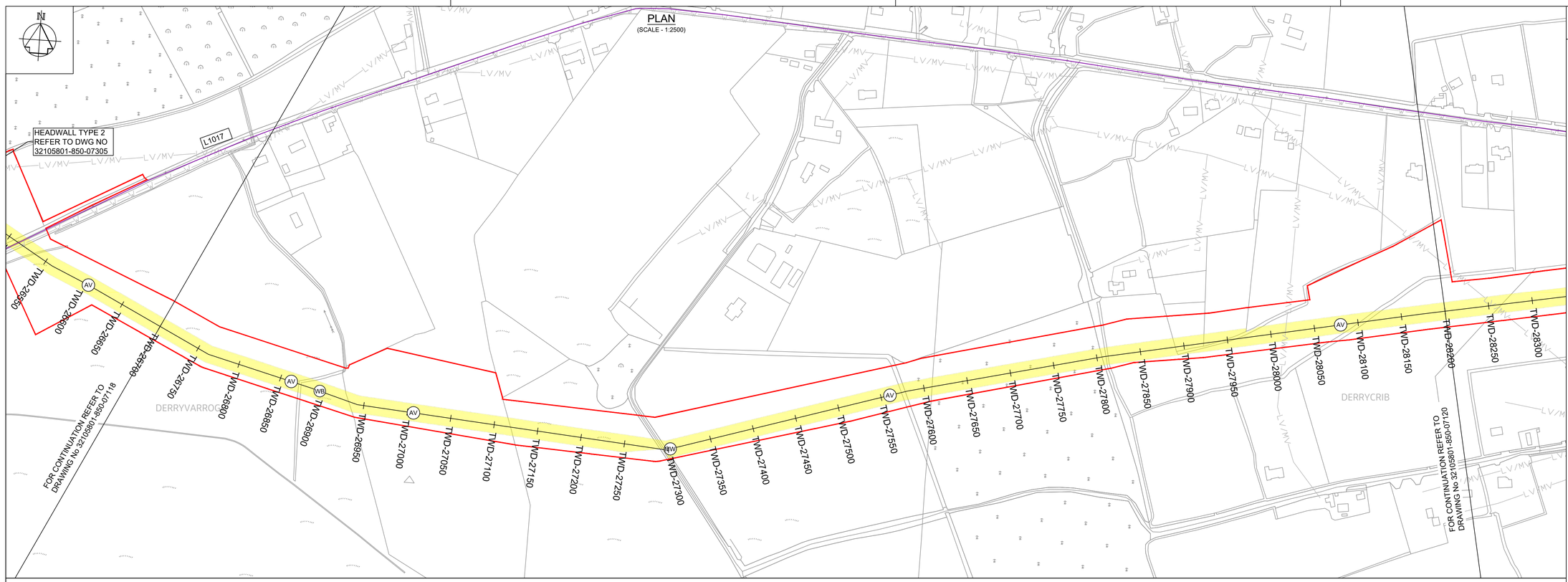
Drawing Title: GRAVITY PIPELINE SECTION D
PLAN AND LONGITUDINAL SECTION
SHEET 18 OF 23

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

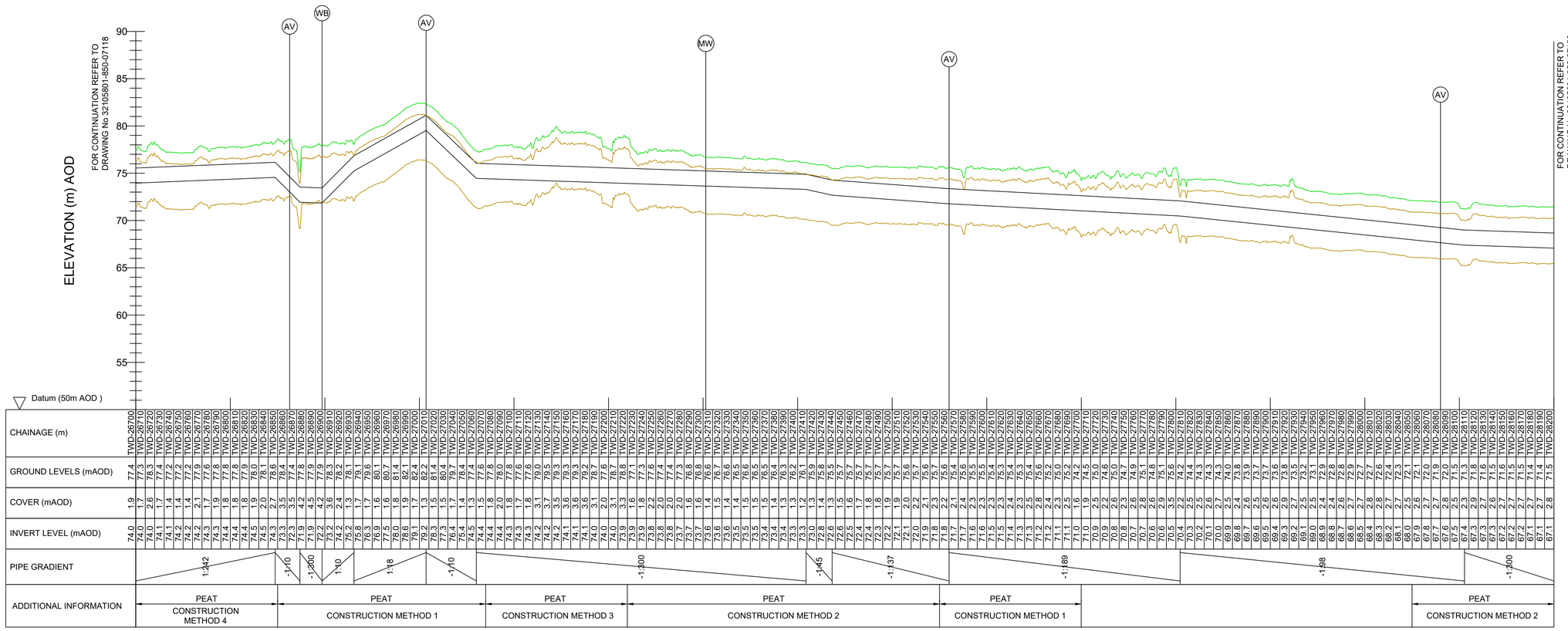
Drawing No.
32105801-850-07118

21.11.2025 11:54:26

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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3254-B, 3255-A.

Rev	Description	Drawn	Chk'd	App'd.	Date
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Uisce Éireann
Irish Water
Tionscadal Soláthair Uisce
Water Supply Project

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COLVILL HOUSE,
TALBOT STREET,
DUBLIN 1,
IRELAND

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Jacobs TOBIN

Originated By	Drawn By	Checked By	Approved By
JB	KP	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 D
PLAN AND LONGITUDINAL SECTION
SHEET 19 OF 23

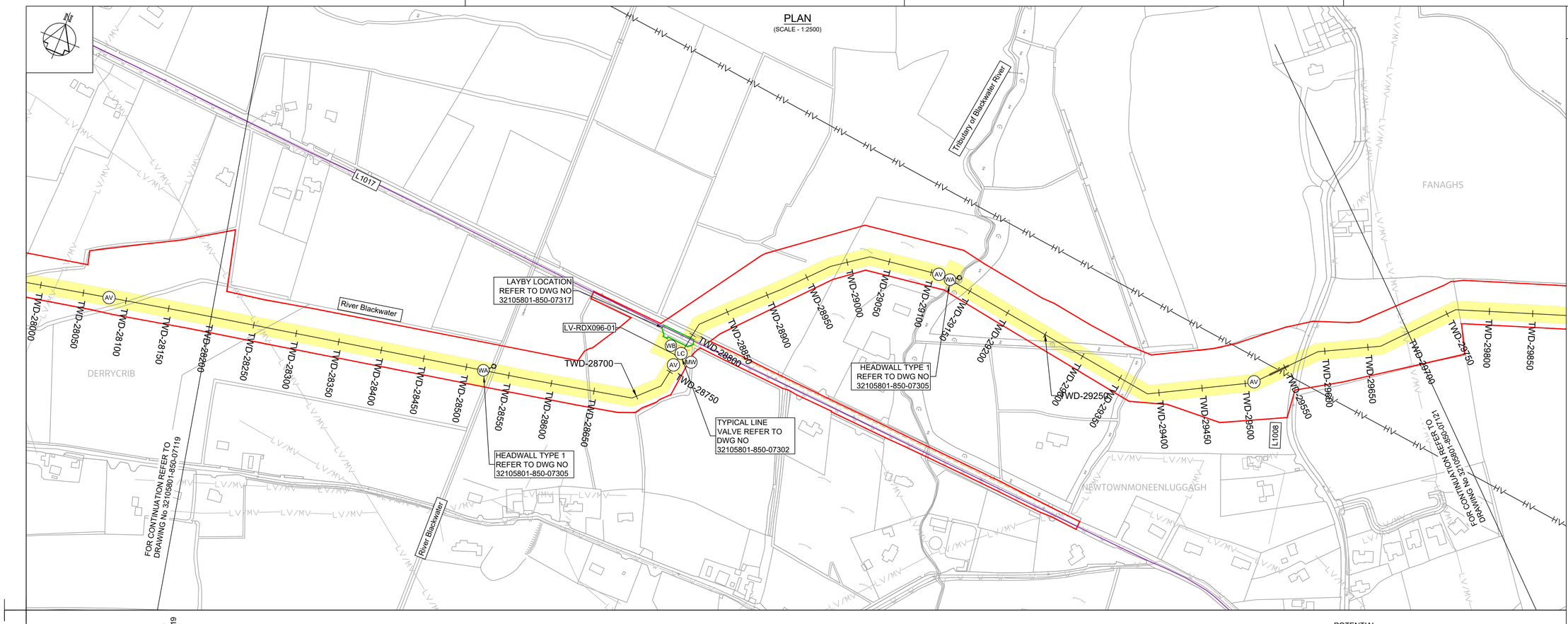
Drawing Status: FINAL FOR PLANNING

Jacobs Tobin No. 32105801 | Client No. 9318

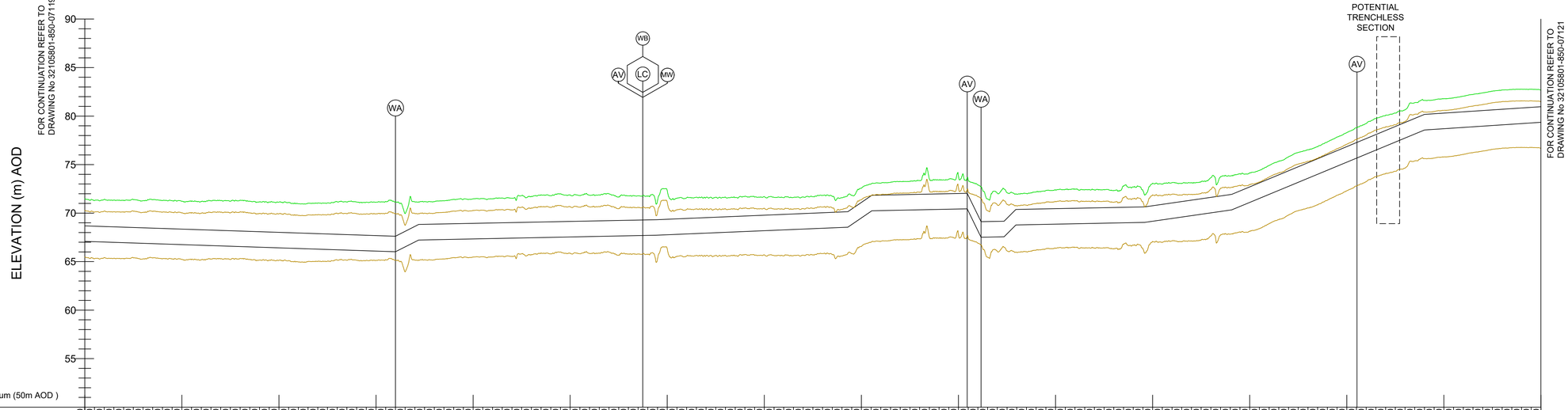
Drawing No.
32105801-850-07119

21.11.2025 11:55:52

PLAN
(SCALE - 1:2500)



ELEVATION (m) AOD



Datum (50m AOD)

CHAINAGE (m)	GROUND LEVELS (mAOD)	COVER (mAOD)	INVERT LEVEL (mAOD)
TWD-28200	71.5	2.8	67.1
TWD-28210	71.3	2.7	67.0
TWD-28220	71.4	2.8	67.0
TWD-28230	71.3	2.8	67.0
TWD-28240	71.3	2.8	66.9
TWD-28250	71.4	2.9	66.9
TWD-28260	71.4	2.9	66.8
TWD-28270	71.4	2.9	66.8
TWD-28280	71.3	2.9	66.8
TWD-28290	71.3	2.9	66.8
TWD-28300	71.2	2.9	66.7
TWD-28310	71.2	2.9	66.7
TWD-28320	71.2	2.9	66.7
TWD-28330	71.3	3.0	66.6
TWD-28340	71.3	3.1	66.6
TWD-28350	71.2	3.0	66.6
TWD-28360	71.3	3.2	66.5
TWD-28370	71.2	3.1	66.5
TWD-28380	71.2	3.1	66.5
TWD-28390	71.1	3.1	66.4
TWD-28400	71.1	3.1	66.4
TWD-28410	71.1	3.1	66.4
TWD-28420	71.1	3.1	66.4
TWD-28430	71.0	3.1	66.3
TWD-28440	71.0	3.2	66.3
TWD-28450	71.1	3.2	66.3
TWD-28460	71.2	3.4	66.2
TWD-28470	71.1	3.2	66.2
TWD-28480	71.1	3.4	66.1
TWD-28490	71.1	3.4	66.1
TWD-28500	71.1	3.4	66.1
TWD-28510	71.2	3.5	66.0
TWD-28520	71.1	3.5	66.0
TWD-28530	69.9	1.8	66.5
TWD-28540	71.2	2.5	67.0
TWD-28550	71.2	2.4	67.2
TWD-28560	71.2	2.3	67.3
TWD-28570	71.3	2.4	67.3
TWD-28580	71.3	2.5	67.3
TWD-28590	71.4	2.5	67.3
TWD-28600	71.5	2.5	67.3
TWD-28610	71.5	2.5	67.4
TWD-28620	71.6	2.5	67.4
TWD-28630	71.5	2.6	67.4
TWD-28640	71.6	2.5	67.4
TWD-28650	71.9	2.8	67.4
TWD-28660	71.8	2.7	67.5
TWD-28670	71.8	2.7	67.5
TWD-28680	71.8	2.7	67.5
TWD-28690	72.0	2.9	67.5
TWD-28700	71.9	2.7	67.6
TWD-28710	71.8	2.7	67.6
TWD-28720	71.9	2.7	67.6
TWD-28730	71.9	2.7	67.6
TWD-28740	71.7	2.4	67.7
TWD-28750	71.8	2.5	67.7
TWD-28760	71.8	2.5	67.7
TWD-28770	71.8	2.5	67.7
TWD-28780	71.8	2.5	67.7
TWD-28790	71.3	2.0	67.7
TWD-28800	72.3	3.0	67.8
TWD-28810	71.5	2.1	67.8
TWD-28820	71.6	2.1	67.9
TWD-28830	71.6	2.1	67.9
TWD-28840	71.6	2.1	67.9
TWD-28850	71.6	2.1	68.0
TWD-28860	71.6	2.0	68.0
TWD-28870	71.6	1.9	68.1
TWD-28880	71.7	2.0	68.1
TWD-28890	71.6	1.9	68.1
TWD-28900	71.6	1.9	68.2
TWD-28910	71.6	1.8	68.2
TWD-28920	71.6	1.7	68.3
TWD-28930	71.7	1.7	68.3
TWD-28940	71.7	1.7	68.3
TWD-28950	71.7	1.7	68.4
TWD-28960	71.8	1.8	68.4
TWD-28970	71.7	1.7	68.5
TWD-28980	71.6	1.5	68.5
TWD-28990	71.8	1.4	68.5
TWD-29000	72.6	1.5	69.5
TWD-29010	73.0	1.2	70.2
TWD-29020	73.1	1.2	70.3
TWD-29030	73.2	1.3	70.3
TWD-29040	73.3	1.4	70.3
TWD-29050	73.3	1.4	70.3
TWD-29060	73.4	1.4	70.4
TWD-29070	73.5	1.5	70.4
TWD-29080	73.5	1.4	70.4
TWD-29090	73.5	1.5	70.4
TWD-29100	73.8	1.6	70.2
TWD-29110	72.9	3.1	68.2
TWD-29120	71.4	2.9	67.5
TWD-29130	72.1	2.6	67.5
TWD-29140	72.1	2.6	67.5
TWD-29150	71.9	1.6	68.3
TWD-29160	72.0	1.6	68.4
TWD-29170	72.0	1.6	68.4
TWD-29180	72.2	1.8	68.4
TWD-29190	72.3	1.9	68.4
TWD-29200	72.4	1.9	68.5
TWD-29210	72.4	2.0	68.4
TWD-29220	72.4	1.9	68.5
TWD-29230	72.4	1.9	68.5
TWD-29240	72.4	1.9	68.5
TWD-29250	72.4	1.8	68.6
TWD-29260	72.3	2.2	68.1
TWD-29270	72.8	2.2	68.6
TWD-29280	72.7	1.7	69.0
TWD-29290	72.3	2.2	68.1
TWD-29300	73.0	2.1	68.9
TWD-29310	73.1	2.1	69.0
TWD-29320	73.1	2.1	69.0
TWD-29330	73.1	2.1	69.0
TWD-29340	73.1	1.8	69.3
TWD-29350	73.2	1.9	69.4
TWD-29360	73.6	1.7	69.9
TWD-29370	73.8	2.0	69.8
TWD-29380	73.8	1.9	69.9
TWD-29390	74.1	1.8	70.3
TWD-29400	74.1	1.4	70.7
TWD-29410	74.1	1.3	71.1
TWD-29420	74.4	1.4	71.5
TWD-29430	75.3	1.4	71.9
TWD-29440	75.8	1.4	72.3
TWD-29450	76.3	1.5	72.8
TWD-29460	76.8	1.4	73.2
TWD-29470	77.2	1.2	74.0
TWD-29480	77.6	1.3	74.4
TWD-29490	77.8	1.4	74.4
TWD-29500	78.3	1.3	75.3
TWD-29510	78.8	1.5	75.7
TWD-29520	79.2	1.6	76.1
TWD-29530	79.8	1.7	76.5
TWD-29540	80.3	1.4	77.3
TWD-29550	80.6	1.3	77.7
TWD-29560	81.4	1.6	78.2
TWD-29570	81.7	1.4	78.6
TWD-29580	81.8	1.5	78.7
TWD-29590	81.9	1.5	78.8
TWD-29600	82.0	1.7	78.9
TWD-29610	82.2	1.8	79.0
TWD-29620	82.4	1.8	79.0
TWD-29630	82.6	1.9	79.0
TWD-29640	82.7	2.0	79.1
TWD-29650	82.8	2.0	79.2
TWD-29660	82.8	1.9	79.3
TWD-29670	82.8	1.9	79.3
TWD-29680	82.8	1.9	79.4
TWD-29700	82.7	1.7	79.4

PIPE GRADIENT: -1:300 | 1:20 | 1:500 | 1:239 | 1:45 | 1:500 | 1:5 | 1:500 | 1:10 | 1:500 | 1:89 | 1:24 | 1:151

ADDITIONAL INFORMATION				
PEAT CONSTRUCTION METHOD 2	PEAT CONSTRUCTION METHOD 3	PEAT CONSTRUCTION METHOD 2	PEAT CONSTRUCTION METHOD 1	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

Original Size A1

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3255-A, 3255-B.

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Originated By	Drawn By	Checked By	Approved By
JB	KP	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

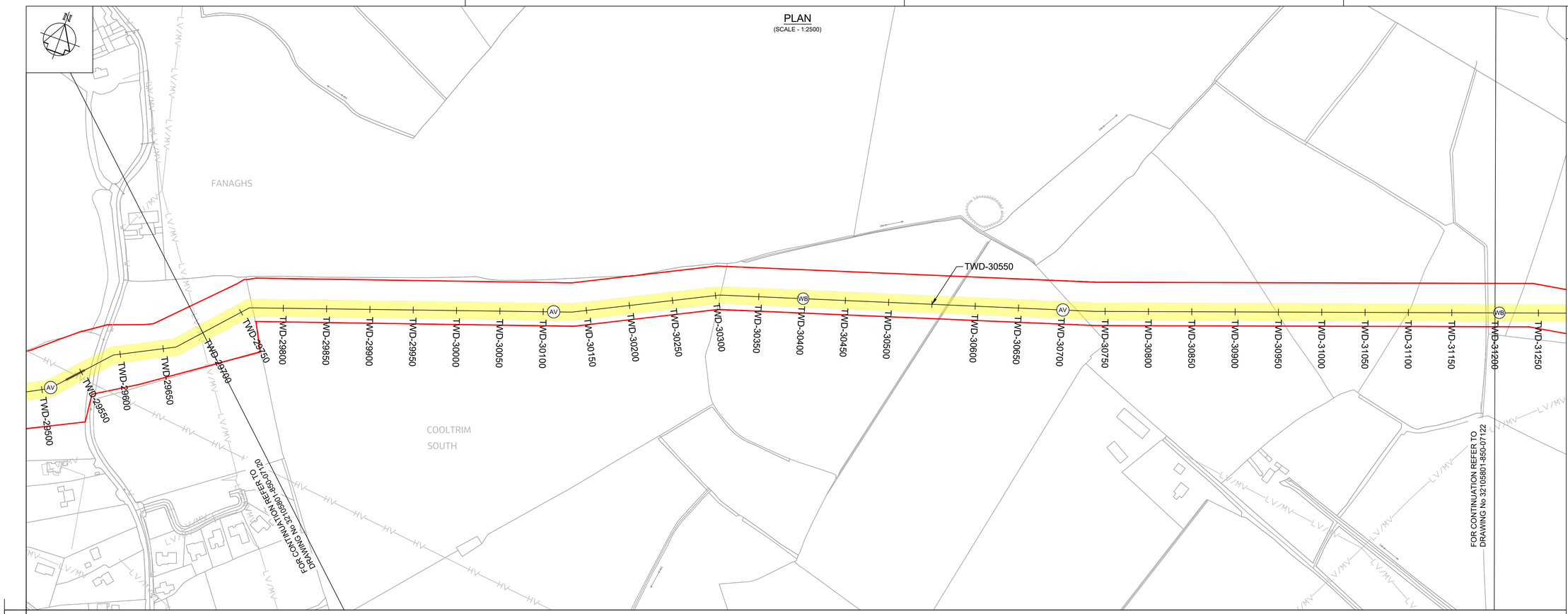
Drawing Title: GRAVITY PIPELINE SECTION D
PLAN AND LONGITUDINAL SECTION
SHEET 20 OF 23

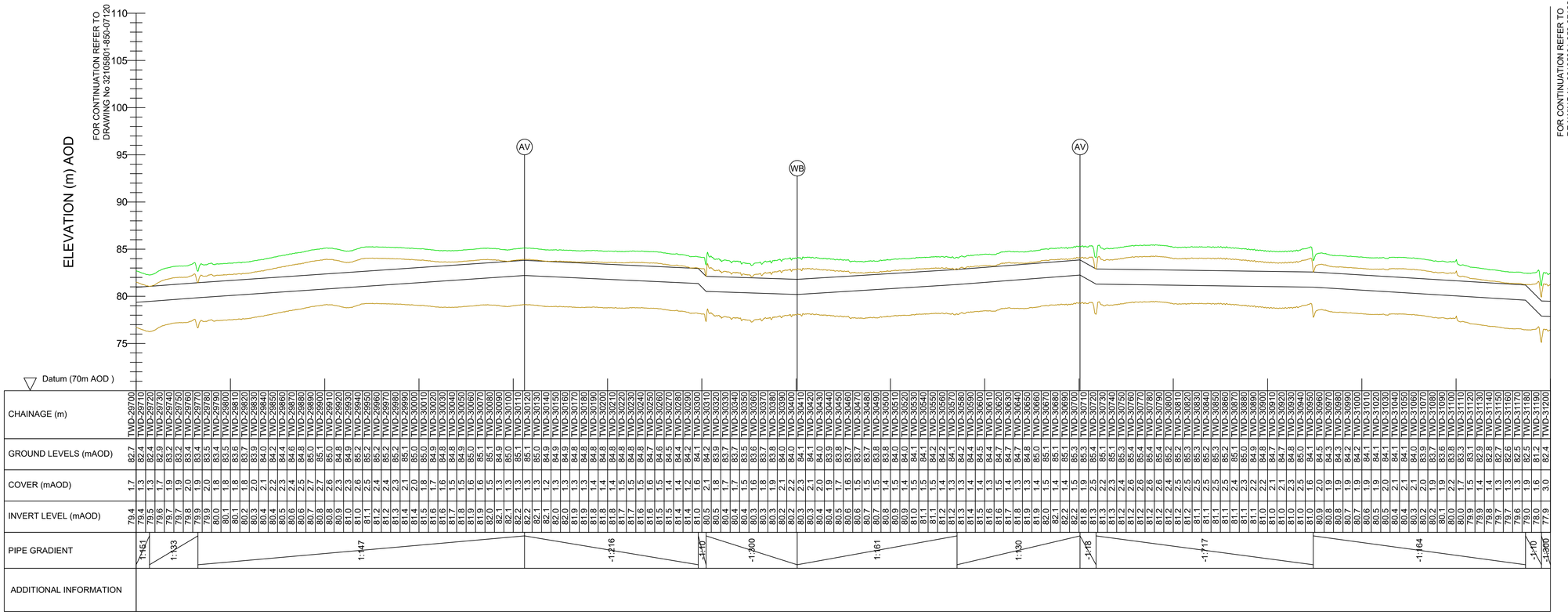
Drawing Status: FINAL FOR PLANNING
Jacobs Tobin No. 32105801 | Client No. 9318

Drawing No.
32105801-850-07120

21.11.2025 11:57:02

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

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OSI Sheet No's:
3255-B, 3189-D, 3190-C, 3256-A.

Rev	Description	Drawn	Chk'd	App'd.	Date
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JB	KP	HG	SPM
Date: 28.09.18	Date: 01.12.2025	Date: 01.12.2025	Date: 01.12.2025
Scale: AS SHOWN @ A1	FINAL		

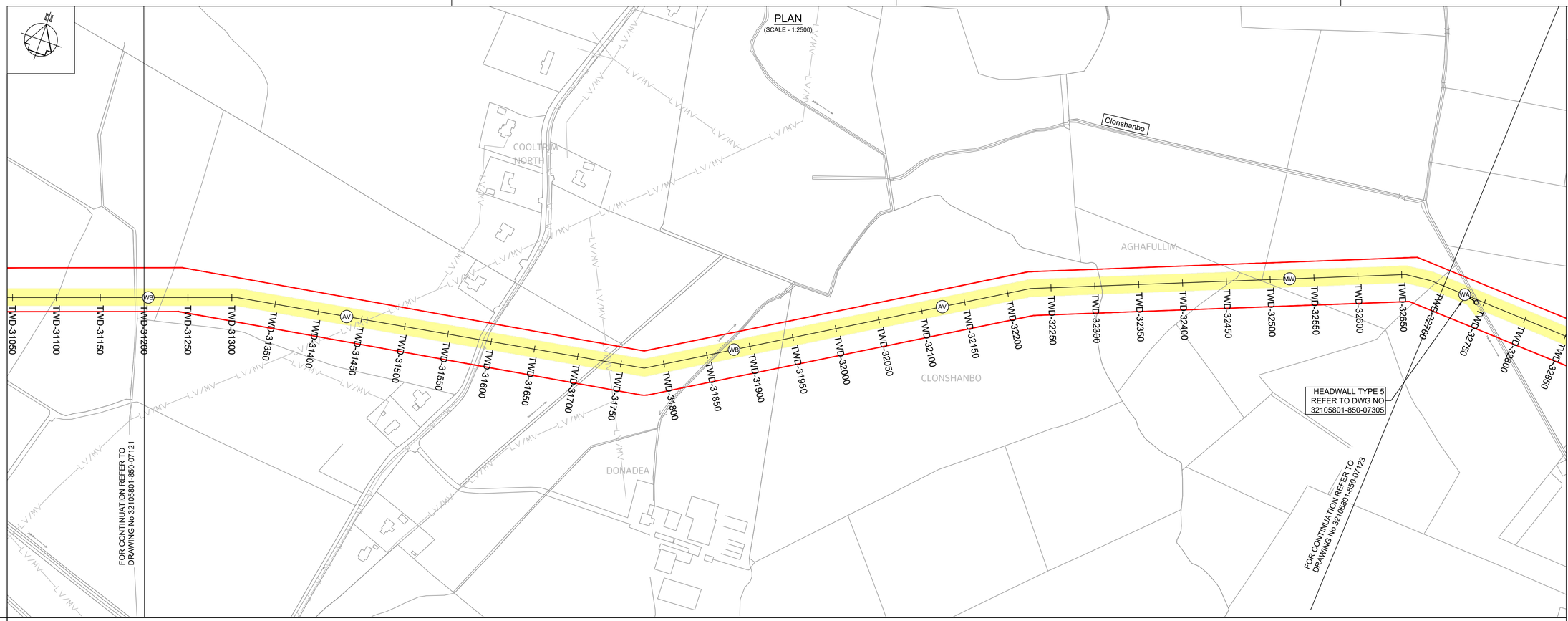
Project Title
WATER SUPPLY PROJECT
EASTERN AND MIDLANDS REGION

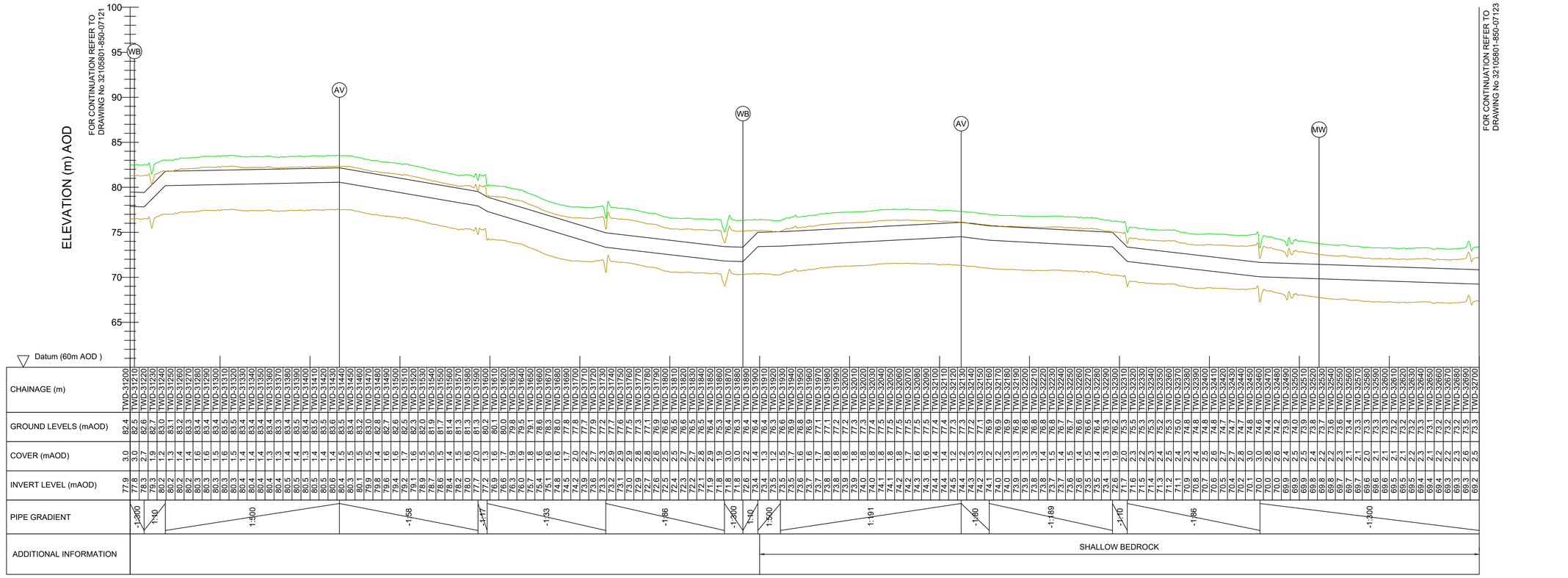
Drawing Title
GRAVITY PIPELINE SECTION D
PLAN AND LONGITUDINAL SECTION
SHEET 21 OF 23

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

Drawing No.
32105801-850-07121

21.11.2025 11:57:54





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

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- Proposed Electric Overhead Powerline Diversion
- Proposed Future Takeoff Point
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- (WA) Proposed Washout with outfall
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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:
3255-B, 3189-D, 3190-C, 3256-A.

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	KP	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

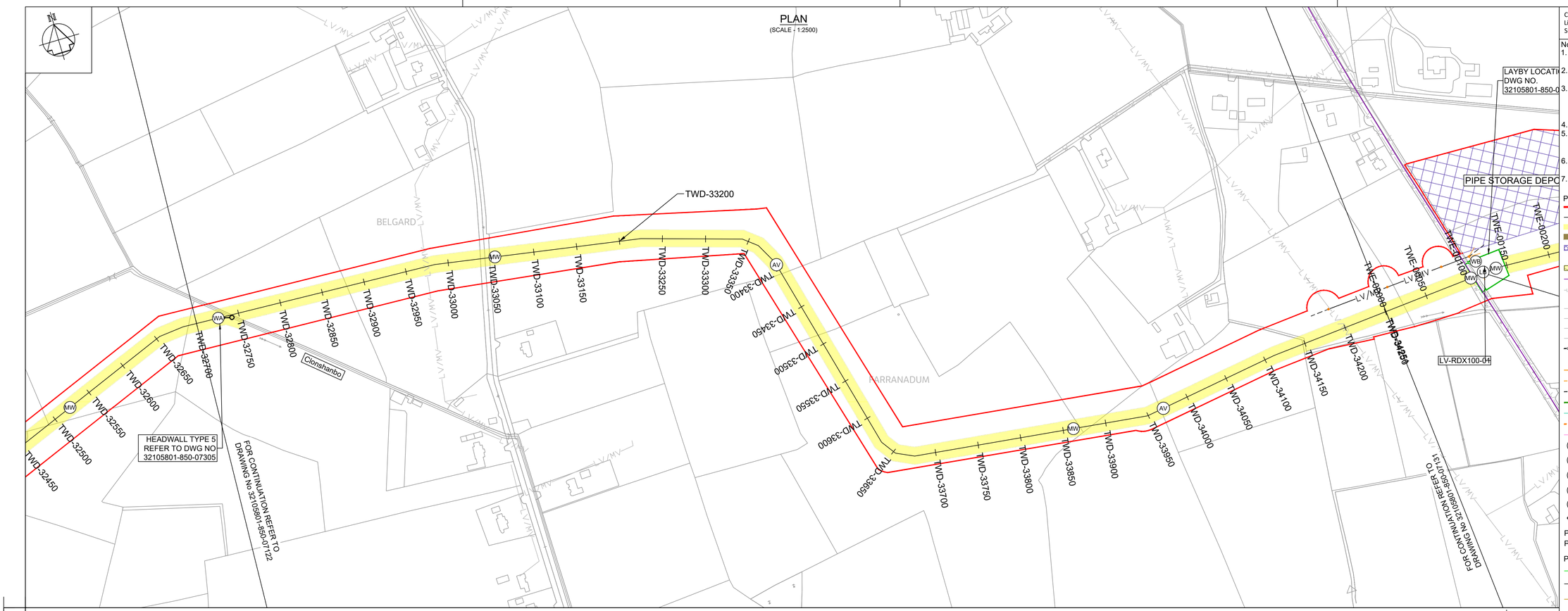
Drawing Title: GRAVITY PIPELINE SECTION D
PLAN AND LONGITUDINAL SECTION
SHEET 22 OF 23

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

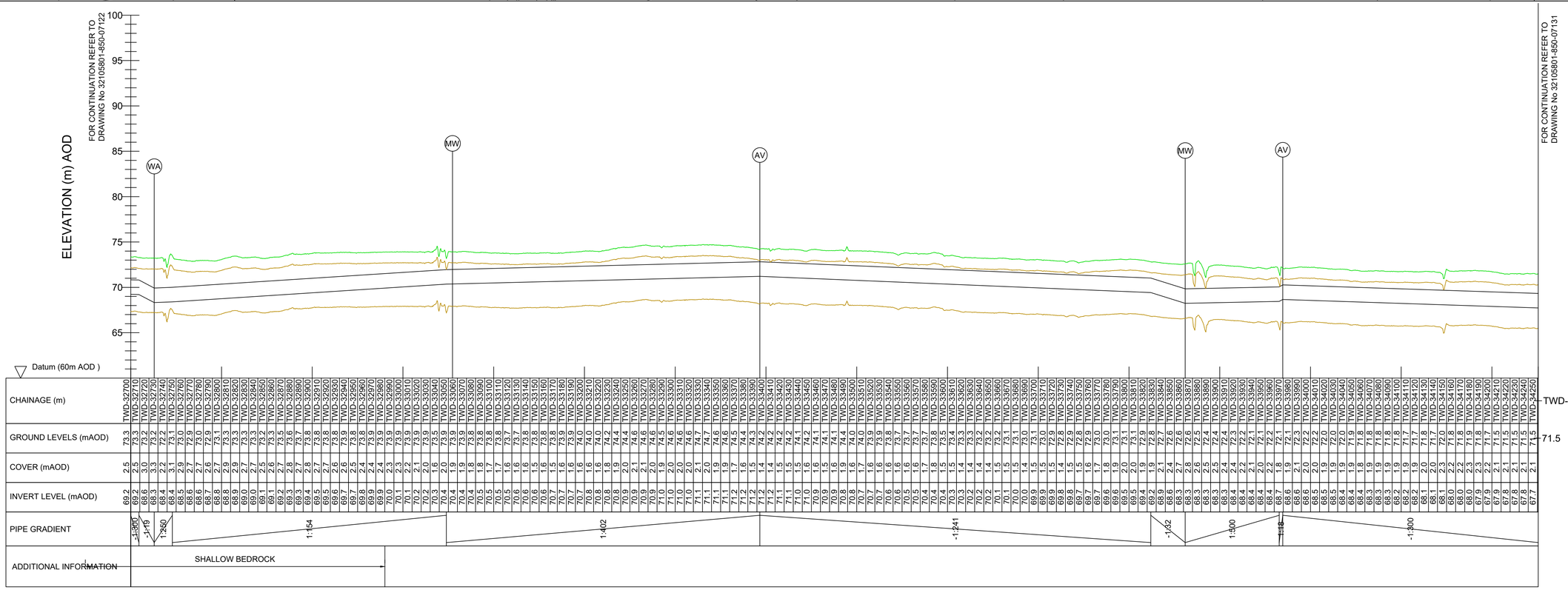
Drawing No.
32105801-850-07122

21.11.2025 11:58:45

PLAN
(SCALE - 1:2500)



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



Datum (60m AOD)

CHAINAGE (m)	GROUND LEVELS (mAOD)	COVER (mAOD)	INVERT LEVEL (mAOD)
TWD-32700	73.3	2.5	69.2
TWD-32710	73.3	2.5	69.2
TWD-32720	73.2	3.0	68.6
TWD-32730	73.1	2.8	68.7
TWD-32740	72.2	3.8	68.4
TWD-32750	73.1	3.1	68.4
TWD-32760	73.0	2.9	68.5
TWD-32770	72.9	2.7	68.6
TWD-32780	73.0	2.7	68.6
TWD-32790	72.9	2.6	68.7
TWD-32800	73.1	2.7	68.8
TWD-32810	73.3	2.9	68.9
TWD-32820	73.3	2.7	69.0
TWD-32830	73.3	2.7	69.0
TWD-32840	73.3	2.5	69.1
TWD-32850	73.2	2.5	69.1
TWD-32860	73.3	2.6	69.1
TWD-32870	73.5	2.7	69.2
TWD-32880	73.6	2.6	69.3
TWD-32890	73.7	2.8	69.3
TWD-32900	73.8	2.8	69.4
TWD-32910	73.8	2.7	69.5
TWD-32920	73.8	2.7	69.5
TWD-32930	73.8	2.6	69.6
TWD-32940	73.9	2.6	69.6
TWD-32950	73.8	2.5	69.7
TWD-32960	73.8	2.4	69.8
TWD-32970	73.9	2.5	69.8
TWD-32980	73.9	2.4	69.9
TWD-32990	73.9	2.3	70.0
TWD-33000	73.9	2.3	70.0
TWD-33010	73.9	2.2	70.1
TWD-33020	73.9	2.1	70.2
TWD-33030	73.9	2.0	70.2
TWD-33040	73.5	1.6	70.3
TWD-33050	73.9	1.9	70.4
TWD-33060	73.9	1.9	70.4
TWD-33070	73.9	1.9	70.4
TWD-33080	73.8	1.8	70.4
TWD-33090	73.8	1.8	70.5
TWD-33100	73.8	1.7	70.5
TWD-33110	73.8	1.7	70.5
TWD-33120	73.7	1.6	70.5
TWD-33130	73.7	1.6	70.6
TWD-33140	73.8	1.6	70.6
TWD-33150	73.8	1.5	70.6
TWD-33160	73.8	1.6	70.6
TWD-33170	73.8	1.5	70.7
TWD-33180	73.9	1.6	70.7
TWD-33190	73.9	1.6	70.7
TWD-33200	74.0	1.6	70.7
TWD-33210	74.0	1.6	70.8
TWD-33220	74.0	1.6	70.8
TWD-33230	74.2	1.8	70.8
TWD-33240	74.4	1.9	70.8
TWD-33250	74.6	2.0	70.9
TWD-33260	74.6	2.1	70.9
TWD-33270	74.6	2.0	70.9
TWD-33280	74.5	2.0	70.9
TWD-33290	74.5	2.0	71.0
TWD-33300	74.6	2.0	71.0
TWD-33310	74.6	2.0	71.0
TWD-33320	74.6	2.0	71.0
TWD-33330	74.7	2.1	71.0
TWD-33340	74.7	2.0	71.1
TWD-33350	74.6	1.9	71.1
TWD-33360	74.6	1.9	71.1
TWD-33370	74.5	1.9	71.1
TWD-33380	74.4	1.7	71.2
TWD-33390	74.3	1.6	71.2
TWD-33400	74.2	1.5	71.2
TWD-33410	74.2	1.4	71.2
TWD-33420	74.2	1.4	71.2
TWD-33430	74.2	1.5	71.1
TWD-33440	74.1	1.5	71.1
TWD-33450	74.2	1.5	71.0
TWD-33460	74.2	1.6	70.9
TWD-33470	74.1	1.5	70.9
TWD-33480	74.1	1.6	70.9
TWD-33490	74.4	1.9	70.8
TWD-33500	74.0	1.6	70.8
TWD-33510	74.0	1.7	70.7
TWD-33520	73.9	1.6	70.7
TWD-33530	73.8	1.5	70.7
TWD-33540	73.8	1.6	70.6
TWD-33550	73.7	1.6	70.6
TWD-33560	73.7	1.6	70.5
TWD-33570	73.7	1.7	70.5
TWD-33580	73.7	1.8	70.4
TWD-33590	73.8	1.8	70.4
TWD-33600	73.5	1.5	70.4
TWD-33610	73.4	1.4	70.3
TWD-33620	73.3	1.4	70.3
TWD-33630	73.2	1.4	70.2
TWD-33640	73.2	1.4	70.2
TWD-33650	73.2	1.5	70.1
TWD-33660	73.1	1.5	70.0
TWD-33670	73.1	1.5	70.0
TWD-33680	73.0	1.4	70.0
TWD-33690	73.0	1.5	69.9
TWD-33700	73.0	1.5	69.9
TWD-33710	73.0	1.5	69.9
TWD-33720	72.9	1.5	69.9
TWD-33730	72.9	1.4	69.8
TWD-33740	72.8	1.5	69.8
TWD-33750	72.9	1.5	69.7
TWD-33760	72.9	1.6	69.7
TWD-33770	73.0	1.7	69.7
TWD-33780	73.0	1.8	69.6
TWD-33790	73.1	1.9	69.6
TWD-33800	73.1	2.0	69.5
TWD-33810	73.1	2.0	69.5
TWD-33820	72.9	1.9	69.4
TWD-33830	72.8	1.9	69.4
TWD-33840	72.7	2.1	68.9
TWD-33850	72.6	2.3	68.3
TWD-33860	72.6	2.7	68.3
TWD-33870	72.6	2.6	68.3
TWD-33880	72.5	2.6	68.3
TWD-33890	72.4	2.5	68.3
TWD-33900	72.4	2.4	68.3
TWD-33910	72.3	2.4	68.3
TWD-33920	72.3	2.4	68.4
TWD-33930	72.2	2.4	68.4
TWD-33940	72.2	2.2	68.4
TWD-33950	72.1	2.0	68.4
TWD-33960	72.2	2.2	68.4
TWD-33970	72.1	1.8	68.7
TWD-33980	72.1	1.9	68.6
TWD-33990	72.3	2.1	68.6
TWD-34000	72.2	2.0	68.6
TWD-34010	72.2	1.9	68.5
TWD-34020	72.0	1.9	68.5
TWD-34030	72.0	1.9	68.5
TWD-34040	72.0	1.9	68.4
TWD-34050	71.9	1.8	68.4
TWD-34060	71.8	1.9	68.3
TWD-34070	71.8	1.9	68.3
TWD-34080	71.8	1.9	68.3
TWD-34090	71.8	1.9	68.3
TWD-34100	71.8	1.9	68.2
TWD-34110	71.7	1.9	68.2
TWD-34120	71.7	1.9	68.2
TWD-34130	71.8	2.0	68.1
TWD-34140	71.7	2.0	68.1
TWD-34150	71.8	2.0	68.1
TWD-34160	71.8	2.2	68.0
TWD-34170	71.9	2.3	68.0
TWD-34180	71.9	2.2	67.9
TWD-34190	71.8	2.3	67.9
TWD-34200	71.7	2.2	67.9
TWD-34210	71.5	2.1	67.9
TWD-34220	71.5	2.1	67.8
TWD-34230	71.5	2.1	67.8
TWD-34240	71.5	2.1	67.8
TWD-34250	71.5	2.1	67.7
TWD-34251	71.5		

PIPE GRADIENT: 1:960 | 1:19 | 1:250 | 1:154 | 1:402 | -1:241 | -1:62 | 1:500 | 1:18 | -1:500

ADDITIONAL INFORMATION: SHALLOW BEDROCK

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
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3190-C, 3190-D, 3256-B.

Rev	Description	Drawn	Chk'd	App'd.	Date
F02	FINAL FOR PLANNING	AL/PL/KP	MG	SW	Dec. 2025
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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	KP	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 D
PLAN AND LONGITUDINAL SECTION
SHEET 23 OF 23

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

Drawing No.
32105801-850-07123

21.11.2025 12:00:22