



SECTION B  
(SCALE - 1:40000)

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Original Size  
A1

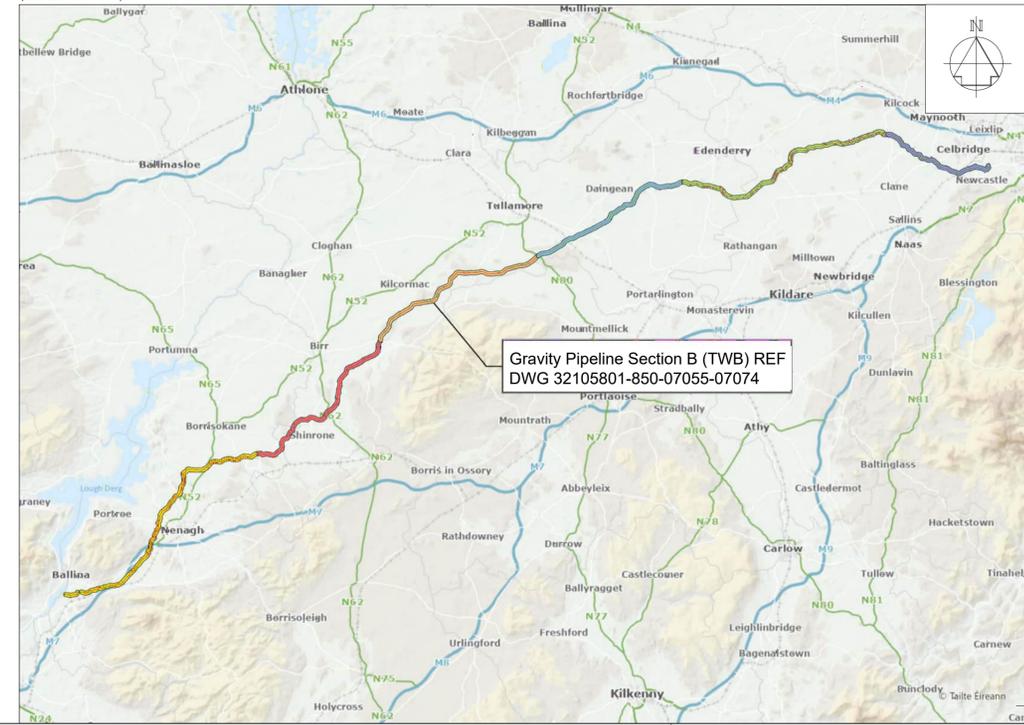
Notes:  
RAW WATER RISING MAINS - SHEET 1 OF 2-  
2105801-850-07200  
RAW WATER RISING MAINS - SHEET 2 OF 2-  
2105801-850-07201

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

REFERENCE DRAWINGS:  
32105801-850-07056-GRAVITY PIPELINE SECTION B PLAN  
AND LONGITUDINAL SECTION SHEET 1 OF 19  
32105801-850-07057-GRAVITY PIPELINE SECTION B PLAN  
AND LONGITUDINAL SECTION SHEET 2 OF 19  
32105801-850-07058-GRAVITY PIPELINE SECTION B PLAN  
AND LONGITUDINAL SECTION SHEET 3 OF 19  
32105801-850-07059-GRAVITY PIPELINE SECTION B PLAN  
AND LONGITUDINAL SECTION SHEET 4 OF 19  
32105801-850-07060-GRAVITY PIPELINE SECTION B PLAN  
AND LONGITUDINAL SECTION SHEET 5 OF 19  
32105801-850-07061-GRAVITY PIPELINE SECTION B PLAN  
AND LONGITUDINAL SECTION SHEET 6 OF 19  
32105801-850-07062-GRAVITY PIPELINE SECTION B PLAN  
AND LONGITUDINAL SECTION SHEET 7 OF 19  
32105801-850-07063-GRAVITY PIPELINE SECTION B PLAN  
AND LONGITUDINAL SECTION SHEET 8 OF 19  
32105801-850-07064-GRAVITY PIPELINE SECTION B PLAN  
AND LONGITUDINAL SECTION SHEET 9 OF 19  
32105801-850-07065-GRAVITY PIPELINE SECTION B PLAN  
AND LONGITUDINAL SECTION SHEET 10 OF 19  
32105801-850-07066-GRAVITY PIPELINE SECTION B PLAN  
AND LONGITUDINAL SECTION SHEET 11 OF 19  
32105801-850-07067-GRAVITY PIPELINE SECTION B PLAN  
AND LONGITUDINAL SECTION SHEET 12 OF 19  
32105801-850-07068-GRAVITY PIPELINE SECTION B PLAN  
AND LONGITUDINAL SECTION SHEET 13 OF 19  
32105801-850-07069-GRAVITY PIPELINE SECTION B PLAN  
AND LONGITUDINAL SECTION SHEET 14 OF 19  
32105801-850-07070-GRAVITY PIPELINE SECTION B PLAN  
AND LONGITUDINAL SECTION SHEET 15 OF 19  
32105801-850-07071-GRAVITY PIPELINE SECTION B PLAN  
AND LONGITUDINAL SECTION SHEET 16 OF 19  
32105801-850-07072-GRAVITY PIPELINE SECTION B PLAN  
AND LONGITUDINAL SECTION SHEET 17 OF 19  
32105801-850-07073-GRAVITY PIPELINE SECTION B PLAN  
AND LONGITUDINAL SECTION SHEET 18 OF 19  
32105801-850-07074-GRAVITY PIPELINE SECTION B PLAN  
AND LONGITUDINAL SECTION SHEET 19 OF 19



(SCALE 1:500000)



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

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**Uisce Éireann**  
Irish Water  
**Tionscadal Soláthair Uisce**  
Water Supply Project

UISCE ÉIREANN  
COLVILL HOUSE,  
TALBOT STREET,  
DUBLIN 1,  
IRELAND  
Call 1890 278 278  
Int: 00 353 1 707 2828

**JACOBS TOBIN**

| Originated By | Drawn By   | Checked By | Approved By |
|---------------|------------|------------|-------------|
| EG            | AL         | SM         | SW          |
| Date          | Date       | Date       | Date        |
| 04.03.25      | 01.12.2025 | 01.12.2025 | 01.12.2025  |

Scale: AS SHOWN @ A1  
Status: FINAL

Project Title  
WATER SUPPLY PROJECT  
EASTERN AND MIDLANDS REGION

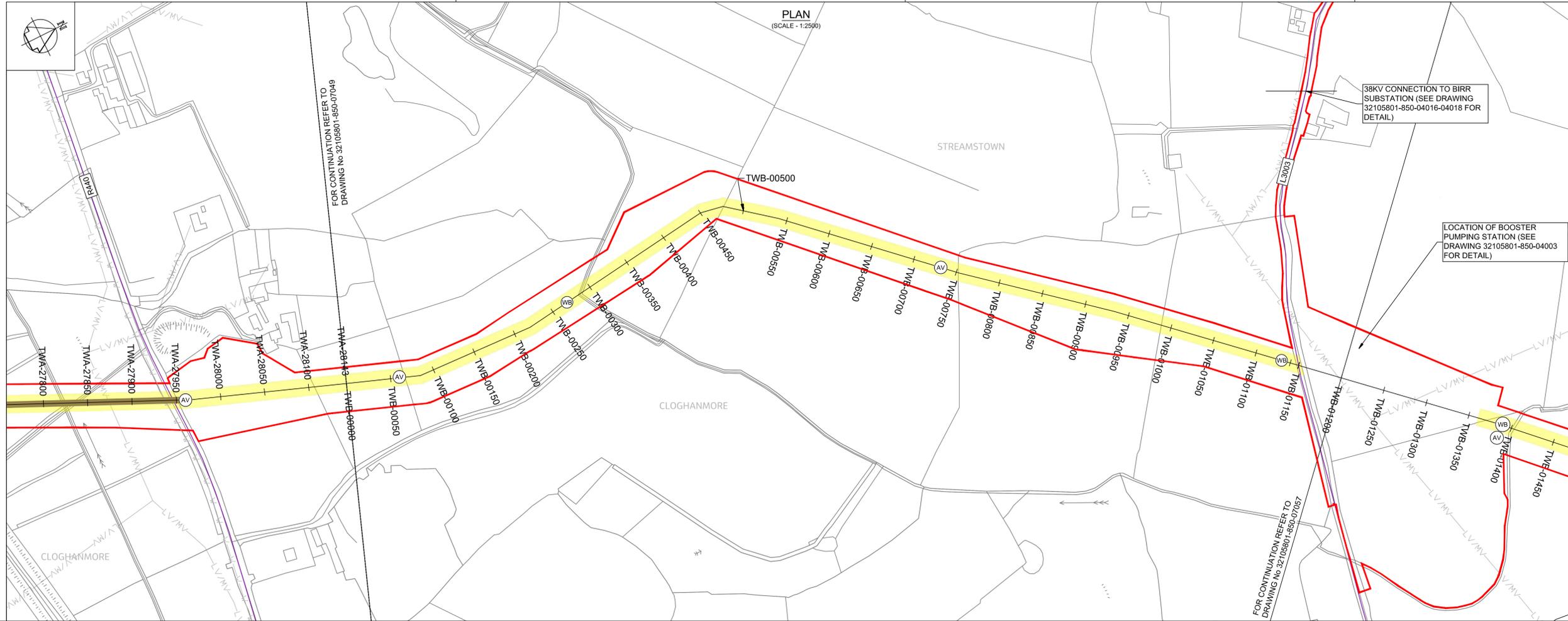
Drawing Title  
GRAVITY PIPELINE SECTION B  
KEY PLAN  
SHEET 1 OF 1

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

Drawing No.  
32105801-850-07055



PLAN  
(SCALE - 1:2500)



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Original Size  
**A1**

- Notes:
- This drawing is not to be scaled, figured dimensions only to be taken.
  - All dimensions are in metres and all levels are A.O.D. Malin Head unless otherwise stated.
  - 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.
  - The design is based on a nominal 1.6m diameter pipeline.
  - The location of existing services are based on information provided by the service provider. The actual locations are to be verified in the field.
  - The Method of working in peat is related to the anticipated depth of the peat layer - see EIAR Appendix A5.2.
  - 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
  - Proposed Air Valve
  - Proposed Washout with outfall
  - Proposed Washout without outfall
  - Proposed Line Valve
  - Proposed Manway
  - Proposed Washout Outfall Connection/Headwall Location
  - Proposed Electrical Overhead Powerline
  - 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:  
3761.

|     |                    |          |       |        |           |
|-----|--------------------|----------|-------|--------|-----------|
| 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      |

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Uisce Éireann  
Irish Water

Tionscadal Soláthair Uisce  
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TALBOT STREET,  
DUBLIN 1,  
IRELAND

Call 1890 278 278  
Int: 00 353 1 707 2828

**JACOBS TOBIN**

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

Scale: AS SHOWN @ A1

Project Title: WATER SUPPLY PROJECT  
EASTERN AND MIDLANDS REGION

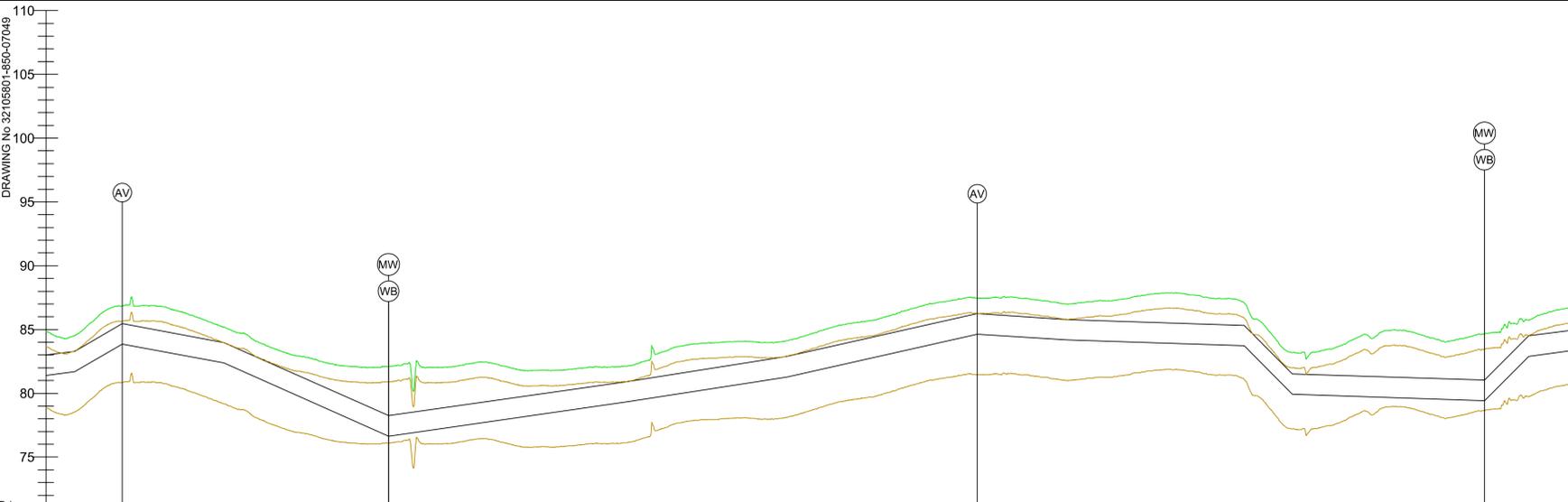
Drawing Title: GRAVITY PIPELINE SECTION B  
PLAN AND LONGITUDINAL SECTION  
SHEET 1 OF 19

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

Drawing No.: 32105801-850-07056

ELEVATION (m) AOD

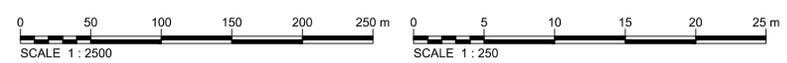
FOR CONTINUATION REFER TO  
DRAWING No 32105801-850-07049

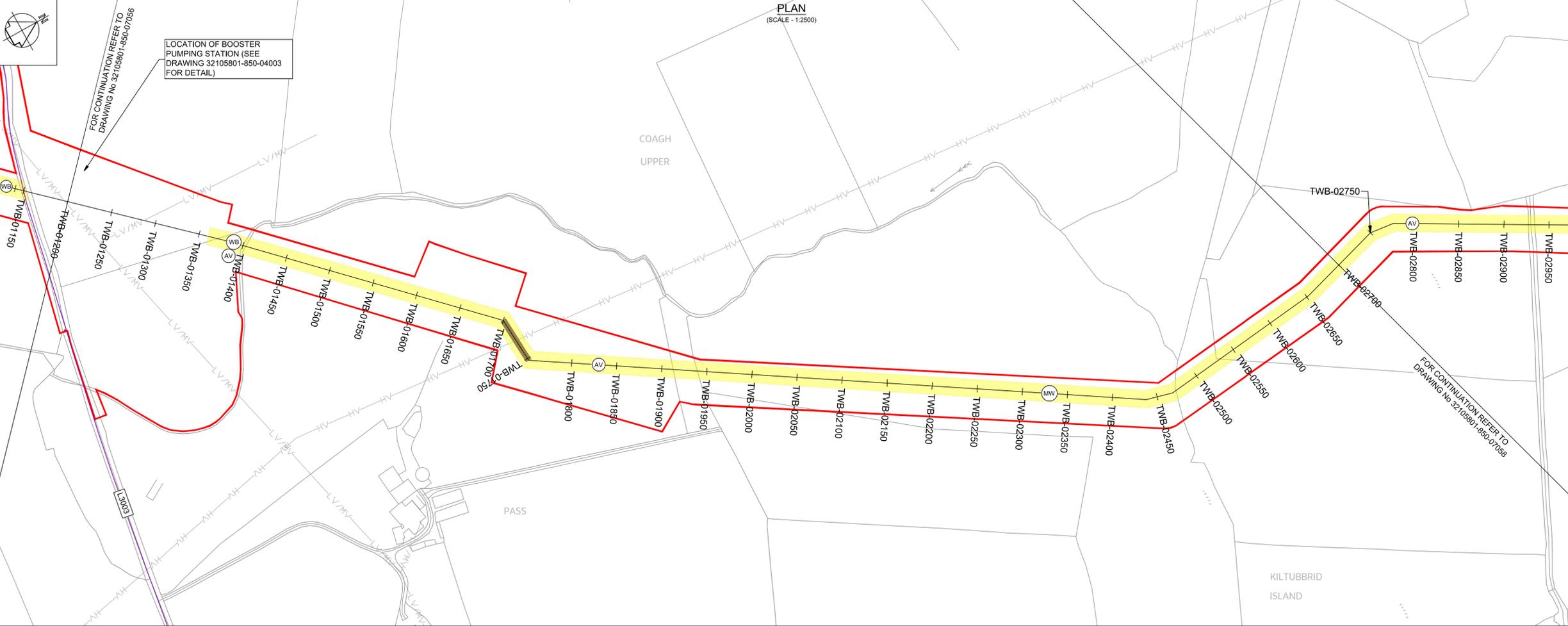


FOR CONTINUATION REFER TO  
DRAWING No 32105801-850-07057

| CHAINAGE (m) | GROUND LEVELS (mAOD) | COVER (mAOD) | INVERT LEVEL (mAOD) | PIPE GRADIENT | ADDITIONAL INFORMATION |
|--------------|----------------------|--------------|---------------------|---------------|------------------------|
| 0+000        | 84.9                 | 1.9          | 81.4                | 1:7           |                        |
| 0+005        | 84.4                 | 1.3          | 81.5                | 1:7           |                        |
| 0+010        | 84.4                 | 1.3          | 81.5                | 1:7           |                        |
| 0+015        | 84.4                 | 1.3          | 81.5                | 1:7           |                        |
| 0+020        | 84.4                 | 1.3          | 81.5                | 1:7           |                        |
| 0+025        | 84.4                 | 1.3          | 81.5                | 1:7           |                        |
| 0+030        | 84.4                 | 1.3          | 81.5                | 1:7           |                        |
| 0+035        | 84.4                 | 1.3          | 81.5                | 1:7           |                        |
| 0+040        | 84.4                 | 1.3          | 81.5                | 1:7           |                        |
| 0+045        | 84.4                 | 1.3          | 81.5                | 1:7           |                        |
| 0+050        | 84.4                 | 1.3          | 81.5                | 1:7           |                        |
| 0+055        | 84.4                 | 1.3          | 81.5                | 1:7           |                        |
| 0+060        | 84.4                 | 1.3          | 81.5                | 1:7           |                        |
| 0+065        | 84.4                 | 1.3          | 81.5                | 1:7           |                        |
| 0+070        | 84.4                 | 1.3          | 81.5                | 1:7           |                        |
| 0+075        | 84.4                 | 1.3          | 81.5                | 1:7           |                        |
| 0+080        | 84.4                 | 1.3          | 81.5                | 1:7           |                        |
| 0+085        | 84.4                 | 1.3          | 81.5                | 1:7           |                        |
| 0+090        | 84.4                 | 1.3          | 81.5                | 1:7           |                        |
| 0+095        | 84.4                 | 1.3          | 81.5                | 1:7           |                        |
| 0+100        | 84.4                 | 1.3          | 81.5                | 1:7           |                        |
| 0+105        | 84.4                 | 1.3          | 81.5                | 1:7           |                        |
| 0+110        | 84.4                 | 1.3          | 81.5                | 1:7           |                        |
| 0+115        | 84.4                 | 1.3          | 81.5                | 1:7           |                        |
| 0+120        | 84.4                 | 1.3          | 81.5                | 1:7           |                        |

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



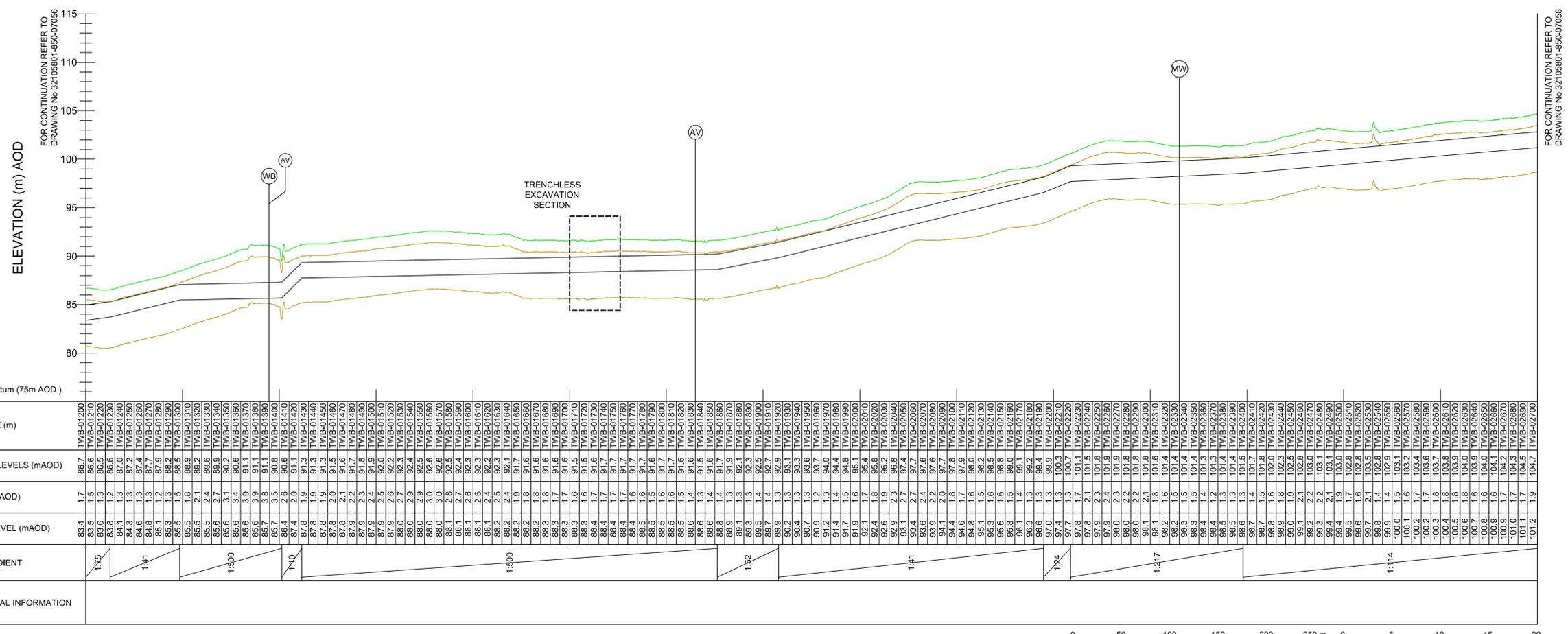


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  - Proposed Trenchless Excavation Section
  - Proposed Construction Compounds or Pipe Storage Depot
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  - Proposed Haul Road
  - Existing Electric Overhead Powerline, Low/Medium Voltage
  - Existing 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
  - Proposed Air Valve (AV)
  - Proposed Washout with outfall (WA)
  - Proposed Washout without outfall (WB)
  - Proposed Line Valve (LA, LB, LC, LD)
  - Proposed Manway (MW)
  - Proposed Washout Outfall Connection/Headwall Location
  - Proposed Electrical Overhead Powerline (PEOP)
  - Proposed Overhead Line (POHL)

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

OSI Sheet No's:  
3761, 3762, 3703, 3704.



| CHAINAGE (m) | GROUND LEVELS (mAOD) | COVER (mAOD) | INVERT LEVEL (mAOD) | PIPE GRADIENT | ADDITIONAL INFORMATION |
|--------------|----------------------|--------------|---------------------|---------------|------------------------|
| 83.4         | 86.7                 | 1.7          | 85.4                | 1:45          |                        |
| 83.5         | 86.6                 | 1.5          | 85.5                |               |                        |
| 83.6         | 86.5                 | 1.3          | 85.6                |               |                        |
| 83.7         | 86.4                 | 1.3          | 85.7                |               |                        |
| 83.8         | 86.3                 | 1.3          | 85.8                |               |                        |
| 83.9         | 86.2                 | 1.3          | 85.9                |               |                        |
| 84.0         | 86.1                 | 1.3          | 86.0                |               |                        |
| 84.1         | 86.0                 | 1.3          | 86.1                |               |                        |
| 84.2         | 85.9                 | 1.3          | 86.2                |               |                        |
| 84.3         | 85.8                 | 1.3          | 86.3                |               |                        |
| 84.4         | 85.7                 | 1.3          | 86.4                |               |                        |
| 84.5         | 85.6                 | 1.3          | 86.5                |               |                        |
| 84.6         | 85.5                 | 1.3          | 86.6                |               |                        |
| 84.7         | 85.4                 | 1.3          | 86.7                |               |                        |
| 84.8         | 85.3                 | 1.3          | 86.8                |               |                        |
| 84.9         | 85.2                 | 1.3          | 86.9                |               |                        |
| 85.0         | 85.1                 | 1.3          | 87.0                |               |                        |
| 85.1         | 85.0                 | 1.3          | 87.1                |               |                        |
| 85.2         | 84.9                 | 1.3          | 87.2                |               |                        |
| 85.3         | 84.8                 | 1.3          | 87.3                |               |                        |
| 85.4         | 84.7                 | 1.3          | 87.4                |               |                        |
| 85.5         | 84.6                 | 1.3          | 87.5                |               |                        |
| 85.6         | 84.5                 | 1.3          | 87.6                |               |                        |
| 85.7         | 84.4                 | 1.3          | 87.7                |               |                        |
| 85.8         | 84.3                 | 1.3          | 87.8                |               |                        |
| 85.9         | 84.2                 | 1.3          | 87.9                |               |                        |
| 86.0         | 84.1                 | 1.3          | 88.0                |               |                        |
| 86.1         | 84.0                 | 1.3          | 88.1                |               |                        |
| 86.2         | 83.9                 | 1.3          | 88.2                |               |                        |
| 86.3         | 83.8                 | 1.3          | 88.3                |               |                        |
| 86.4         | 83.7                 | 1.3          | 88.4                |               |                        |
| 86.5         | 83.6                 | 1.3          | 88.5                |               |                        |
| 86.6         | 83.5                 | 1.3          | 88.6                |               |                        |
| 86.7         | 83.4                 | 1.3          | 88.7                |               |                        |
| 86.8         | 83.3                 | 1.3          | 88.8                |               |                        |
| 86.9         | 83.2                 | 1.3          | 88.9                |               |                        |
| 87.0         | 83.1                 | 1.3          | 89.0                |               |                        |
| 87.1         | 83.0                 | 1.3          | 89.1                |               |                        |
| 87.2         | 82.9                 | 1.3          | 89.2                |               |                        |
| 87.3         | 82.8                 | 1.3          | 89.3                |               |                        |
| 87.4         | 82.7                 | 1.3          | 89.4                |               |                        |
| 87.5         | 82.6                 | 1.3          | 89.5                |               |                        |
| 87.6         | 82.5                 | 1.3          | 89.6                |               |                        |
| 87.7         | 82.4                 | 1.3          | 89.7                |               |                        |
| 87.8         | 82.3                 | 1.3          | 89.8                |               |                        |
| 87.9         | 82.2                 | 1.3          | 89.9                |               |                        |
| 88.0         | 82.1                 | 1.3          | 90.0                |               |                        |
| 88.1         | 82.0                 | 1.3          | 90.1                |               |                        |
| 88.2         | 81.9                 | 1.3          | 90.2                |               |                        |
| 88.3         | 81.8                 | 1.3          | 90.3                |               |                        |
| 88.4         | 81.7                 | 1.3          | 90.4                |               |                        |
| 88.5         | 81.6                 | 1.3          | 90.5                |               |                        |
| 88.6         | 81.5                 | 1.3          | 90.6                |               |                        |
| 88.7         | 81.4                 | 1.3          | 90.7                |               |                        |
| 88.8         | 81.3                 | 1.3          | 90.8                |               |                        |
| 88.9         | 81.2                 | 1.3          | 90.9                |               |                        |
| 89.0         | 81.1                 | 1.3          | 91.0                |               |                        |
| 89.1         | 81.0                 | 1.3          | 91.1                |               |                        |
| 89.2         | 80.9                 | 1.3          | 91.2                |               |                        |
| 89.3         | 80.8                 | 1.3          | 91.3                |               |                        |
| 89.4         | 80.7                 | 1.3          | 91.4                |               |                        |
| 89.5         | 80.6                 | 1.3          | 91.5                |               |                        |
| 89.6         | 80.5                 | 1.3          | 91.6                |               |                        |
| 89.7         | 80.4                 | 1.3          | 91.7                |               |                        |
| 89.8         | 80.3                 | 1.3          | 91.8                |               |                        |
| 89.9         | 80.2                 | 1.3          | 91.9                |               |                        |
| 90.0         | 80.1                 | 1.3          | 92.0                |               |                        |
| 90.1         | 80.0                 | 1.3          | 92.1                |               |                        |
| 90.2         | 79.9                 | 1.3          | 92.2                |               |                        |
| 90.3         | 79.8                 | 1.3          | 92.3                |               |                        |
| 90.4         | 79.7                 | 1.3          | 92.4                |               |                        |
| 90.5         | 79.6                 | 1.3          | 92.5                |               |                        |
| 90.6         | 79.5                 | 1.3          | 92.6                |               |                        |
| 90.7         | 79.4                 | 1.3          | 92.7                |               |                        |
| 90.8         | 79.3                 | 1.3          | 92.8                |               |                        |
| 90.9         | 79.2                 | 1.3          | 92.9                |               |                        |
| 91.0         | 79.1                 | 1.3          | 93.0                |               |                        |
| 91.1         | 79.0                 | 1.3          | 93.1                |               |                        |
| 91.2         | 78.9                 | 1.3          | 93.2                |               |                        |
| 91.3         | 78.8                 | 1.3          | 93.3                |               |                        |
| 91.4         | 78.7                 | 1.3          | 93.4                |               |                        |
| 91.5         | 78.6                 | 1.3          | 93.5                |               |                        |
| 91.6         | 78.5                 | 1.3          | 93.6                |               |                        |
| 91.7         | 78.4                 | 1.3          | 93.7                |               |                        |
| 91.8         | 78.3                 | 1.3          | 93.8                |               |                        |
| 91.9         | 78.2                 | 1.3          | 93.9                |               |                        |
| 92.0         | 78.1                 | 1.3          | 94.0                |               |                        |
| 92.1         | 78.0                 | 1.3          | 94.1                |               |                        |
| 92.2         | 77.9                 | 1.3          | 94.2                |               |                        |
| 92.3         | 77.8                 | 1.3          | 94.3                |               |                        |
| 92.4         | 77.7                 | 1.3          | 94.4                |               |                        |
| 92.5         | 77.6                 | 1.3          | 94.5                |               |                        |
| 92.6         | 77.5                 | 1.3          | 94.6                |               |                        |
| 92.7         | 77.4                 | 1.3          | 94.7                |               |                        |
| 92.8         | 77.3                 | 1.3          | 94.8                |               |                        |
| 92.9         | 77.2                 | 1.3          | 94.9                |               |                        |
| 93.0         | 77.1                 | 1.3          | 95.0                |               |                        |
| 93.1         | 77.0                 | 1.3          | 95.1                |               |                        |
| 93.2         | 76.9                 | 1.3          | 95.2                |               |                        |
| 93.3         | 76.8                 | 1.3          | 95.3                |               |                        |
| 93.4         | 76.7                 | 1.3          | 95.4                |               |                        |
| 93.5         | 76.6                 | 1.3          | 95.5                |               |                        |
| 93.6         | 76.5                 | 1.3          | 95.6                |               |                        |
| 93.7         | 76.4                 | 1.3          | 95.7                |               |                        |
| 93.8         | 76.3                 | 1.3          | 95.8                |               |                        |
| 93.9         | 76.2                 | 1.3          | 95.9                |               |                        |
| 94.0         | 76.1                 | 1.3          | 96.0                |               |                        |
| 94.1         | 76.0                 | 1.3          | 96.1                |               |                        |
| 94.2         | 75.9                 | 1.3          | 96.2                |               |                        |
| 94.3         | 75.8                 | 1.3          | 96.3                |               |                        |
| 94.4         | 75.7                 | 1.3          | 96.4                |               |                        |
| 94.5         | 75.6                 | 1.3          | 96.5                |               |                        |
| 94.6         | 75.5                 | 1.3          | 96.6                |               |                        |
| 94.7         | 75.4                 | 1.3          | 96.7                |               |                        |
| 94.8         | 75.3                 | 1.3          | 96.8                |               |                        |
| 94.9         | 75.2                 | 1.3          | 96.9                |               |                        |
| 95.0         | 75.1                 | 1.3          | 97.0                |               |                        |
| 95.1         | 75.0                 | 1.3          | 97.1                |               |                        |
| 95.2         | 74.9                 | 1.3          | 97.2                |               |                        |
| 95.3         | 74.8                 | 1.3          | 97.3                |               |                        |
| 95.4         | 74.7                 | 1.3          | 97.4                |               |                        |
| 95.5         | 74.6                 | 1.3          | 97.5                |               |                        |
| 95.6         | 74.5                 | 1.3          | 97.6                |               |                        |
| 95.7         | 74.4                 | 1.3          | 97.7                |               |                        |
| 95.8         | 74.3                 | 1.3          | 97.8                |               |                        |
| 95.9         | 74.2                 | 1.3          | 97.9                |               |                        |
| 96.0         | 74.1                 | 1.3          | 98.0                |               |                        |
| 96.1         | 74.0                 | 1.3          | 98.1                |               |                        |
| 96.2         | 73.9                 | 1.3          | 98.2                |               |                        |
| 96.3         | 73.8                 | 1.3          | 98.3                |               |                        |
| 96.4         | 73.7                 | 1.3          | 98.4                |               |                        |
| 96.5         | 73.6                 | 1.3          | 98.5                |               |                        |
| 96.6         | 73.5                 | 1.3          | 98.6                |               |                        |
| 96.7         | 73.4                 | 1.3          | 98.7                |               |                        |
| 96.8         | 73.3                 | 1.3          | 98.8                |               |                        |
| 96.9         | 73.2                 | 1.3          | 98.9                |               |                        |
| 97.0         | 73.1                 | 1.3          | 99.0                |               |                        |
| 97.1         | 73.0                 | 1.3          | 99.1                |               |                        |
| 97.2         | 72.9                 | 1.3          | 99.2                |               |                        |
| 97.3         | 72.8                 | 1.3          | 99.3                |               |                        |
| 97.4         | 72.7                 | 1.3          | 99.4                |               |                        |
| 97.5         | 72.6                 | 1.3          | 99.5                |               |                        |
| 97.6         | 72.5                 | 1.3          | 99.6                |               |                        |
| 97.7         | 72.4                 | 1.3          | 99.7                |               |                        |
| 97.8         | 72.3                 | 1.3          | 99.8                |               |                        |
| 97.9         | 72.2                 | 1.3          | 99.9                |               |                        |
| 98.0         | 72.1                 | 1.3          | 100.0               |               |                        |
| 98.1         | 72.0                 | 1.3          | 100.1               |               |                        |
| 98.2         | 71.9                 | 1.3          | 100.2               |               |                        |
| 98.3         | 71.8                 | 1.3          | 100.3               |               |                        |
| 98.4         | 71.7                 | 1.3          | 100.4               |               |                        |
| 98.5         | 71.6                 | 1.3          | 100.5               |               |                        |
| 98.6         | 71.5                 | 1.3          | 100.6               |               |                        |
| 98.7         | 71.4                 | 1.3          | 100.7               |               |                        |
| 98.8         | 71.3                 | 1.3          | 100.8               |               |                        |
| 98.9         | 71.2                 | 1.3          | 100.9               |               |                        |
| 99.0         | 71.1                 | 1.3          | 101.0               |               |                        |
| 99.1         | 71.0                 | 1.3          | 101.1               |               |                        |
| 99.2         | 70.9                 | 1.3          | 101.2               |               |                        |
| 99.3         | 70.8                 | 1.3          | 101.3               |               |                        |
| 99.4         | 70.7                 | 1.3          | 101.4               |               |                        |
| 99.5         | 70.6                 | 1.3          | 101.5               |               |                        |
| 99.6         | 70.5                 | 1.3          | 101.6               |               |                        |
| 99.7         | 70.4                 | 1.3          | 101.7               |               |                        |
| 99.8         | 70.3                 | 1.3          | 101.8               |               |                        |
| 99.9         | 70.2                 | 1.3          | 101.9               |               |                        |
| 100.0        | 70.1                 | 1.3          | 102.0               |               |                        |
| 100.1        | 70.0                 | 1.3          | 102.1               |               |                        |
| 100.2        | 69.9                 | 1.3          | 102.2               |               |                        |
| 100.3        | 69.8                 | 1.3          | 102.3               |               |                        |
| 100.4        | 69.7                 | 1.3          | 102.4               |               |                        |
| 100.5        | 69.6                 | 1.3          | 102.5               |               |                        |
| 100.6        | 69.5                 | 1.3          | 102.6               |               |                        |
| 100.7        | 69.4                 | 1.3          | 102.7               |               |                        |
| 100.8        | 69.3                 | 1.3          | 102.8               |               |                        |
| 100.9        | 69.2                 | 1.3          | 102.9               |               |                        |
| 101.0        | 69.1                 | 1.3          | 103.0               |               |                        |
| 101.1        | 69.0                 | 1.3          | 103.1               |               |                        |
| 101.2        | 68.9                 | 1.3          | 103.2               |               |                        |
| 101.3        | 68.8                 | 1.3          | 103.3               |               |                        |
| 101.4        | 68.7                 | 1.3          | 103.4               |               |                        |
| 101.5        | 68.6                 | 1.3          | 103.5               |               |                        |
| 101.6        | 68.5                 | 1.3          | 103.6               |               |                        |
| 101.7        | 68.4                 | 1.3          | 103.7               |               |                        |
| 101.8        | 68.3                 | 1.3          | 103.8               |               |                        |
| 101.9        | 68.2                 | 1.3          | 103.9               |               |                        |
| 102.0        | 68.1                 | 1.3          | 104.0               |               |                        |
| 102.1        | 68.0                 | 1.3          | 104.1               |               |                        |
| 102.2        | 67.9                 | 1.3          | 104.2               |               |                        |
| 102.3        | 67.8                 | 1.3          | 104.3               |               |                        |
| 102.4        | 67.7                 | 1.3          | 104.4               |               |                        |
| 102.5        | 67.6                 | 1.3          | 104.5               |               |                        |
| 102.6        | 67.5                 | 1.3          | 104.6               |               |                        |
| 102.7        | 67.4                 | 1.3          | 104.7               |               |                        |
| 102.8        | 67.3                 | 1.3          | 104.8               |               |                        |
| 102.9        | 67.2                 | 1.3          | 104.9               |               |                        |
| 103.0        | 67.1                 | 1.3          | 105.0               |               |                        |

| Rev | Description        | Drawn   | Chkd | App'd | Date      |
|-----|--------------------|---------|------|-------|-----------|
| F02 | FINAL FOR PLANNING | AL/PLKP | MG   | SW    | Dec. 2025 |
| F01 | FINAL FOR PLANNING | AL/PLKP | MG   | SW    | Dec. 2025 |

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Irish Water  
Tionscadal Soláthair Uisce  
Water Supply Project

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COLVILL HOUSE,  
TALBOT STREET,  
DUBLIN 1,  
IRELAND

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Int: 00 353 1 707 2828

# JACOBS TOBIN

| Originated By | Drawn By | Checked By | Approved By |
|---------------|----------|------------|-------------|
| EG            | AL       | SM         | SW          |

| Date     | Date     | Date     | Date     |
|----------|----------|----------|----------|
| 04.03.25 | 01.12.25 | 01.12.25 | 01.12.25 |

Scale: AS SHOWN @ A1 FINAL

Project Title: WATER SUPPLY PROJECT EASTERN AND MIDLANDS REGION

Drawing Title: GRAVITY PIPELINE SECTION B PLAN AND LONGITUDINAL SECTION SHEET 2 OF 19

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

Drawing No. 32105801-850-07057



PLAN  
(SCALE - 1:2500)

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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
  - Proposed Air Valve
  - Proposed Washout with outfall
  - Proposed Washout without outfall
  - Proposed Line Valve
  - 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:  
3703, 3704.

|     |                    |          |       |       |          |
|-----|--------------------|----------|-------|-------|----------|
| 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     |

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IRELAND

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|               |          |            |             |
|---------------|----------|------------|-------------|
| Originated By | Drawn By | Checked By | Approved By |
| JB            | DC       | JB         | SPM         |
| Date          | Date     | Date       | Date        |
| 27.09.18      | 01.12.25 | 01.12.25   | 01.12.25    |

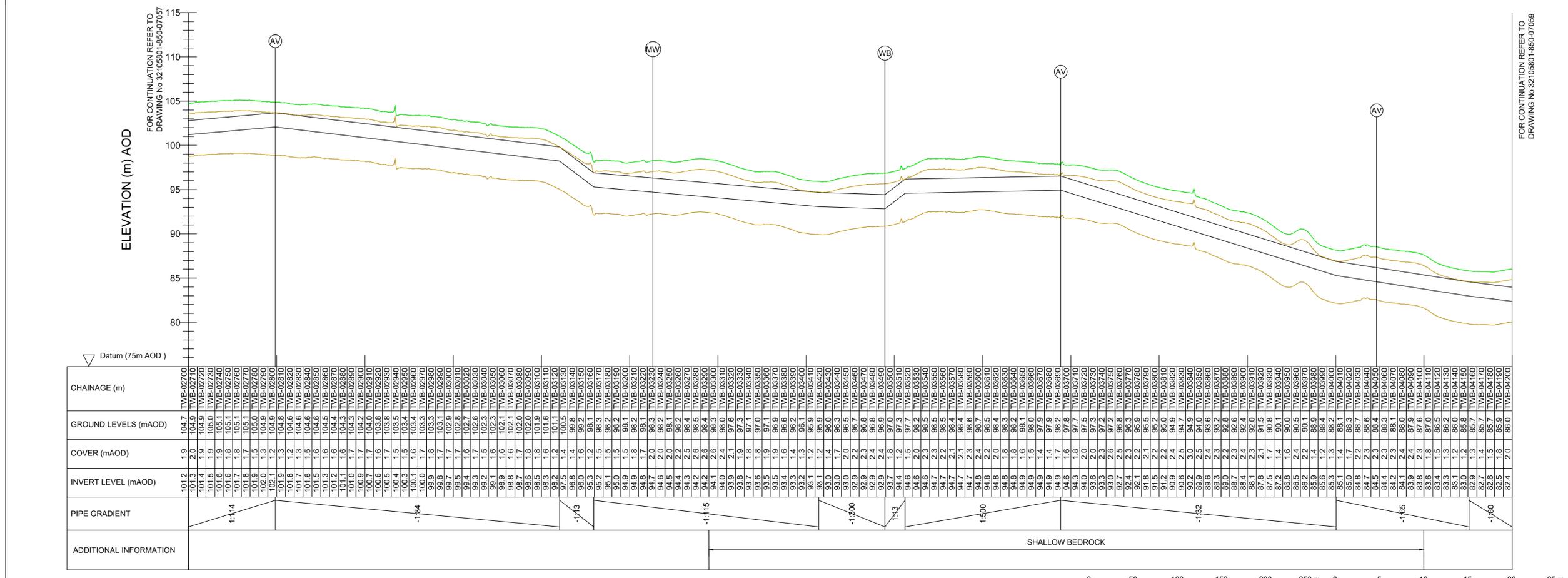
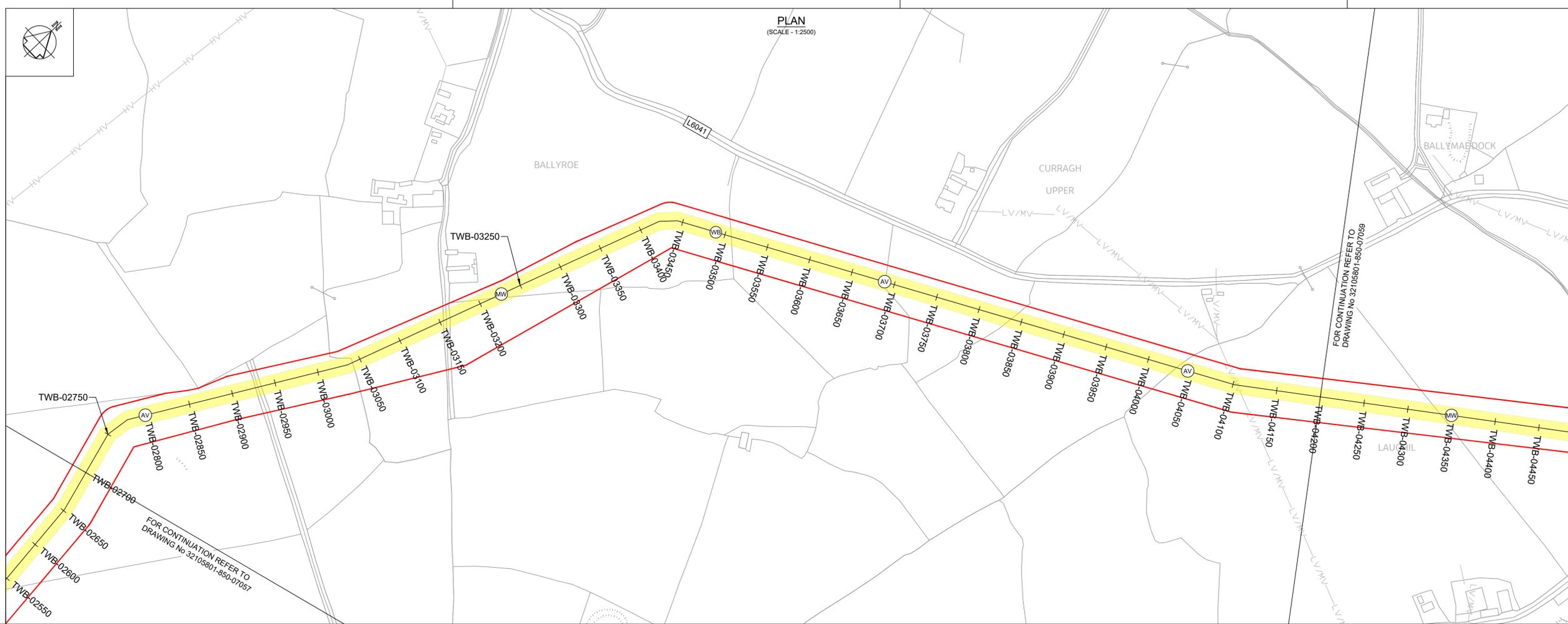
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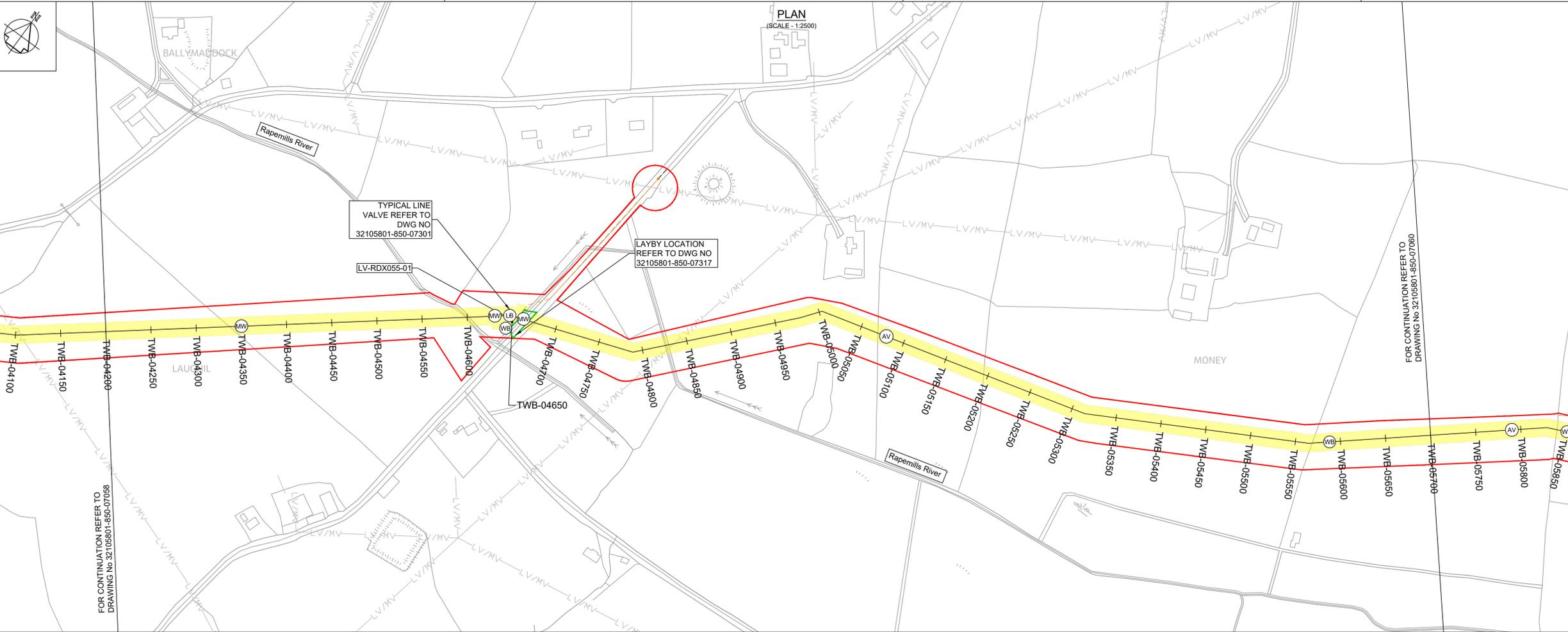
Project Title: WATER SUPPLY PROJECT  
EASTERN AND MIDLANDS REGION

Drawing Title: GRAVITY PIPELINE SECTION B  
PLAN AND LONGITUDINAL SECTION  
SHEET 3 OF 19

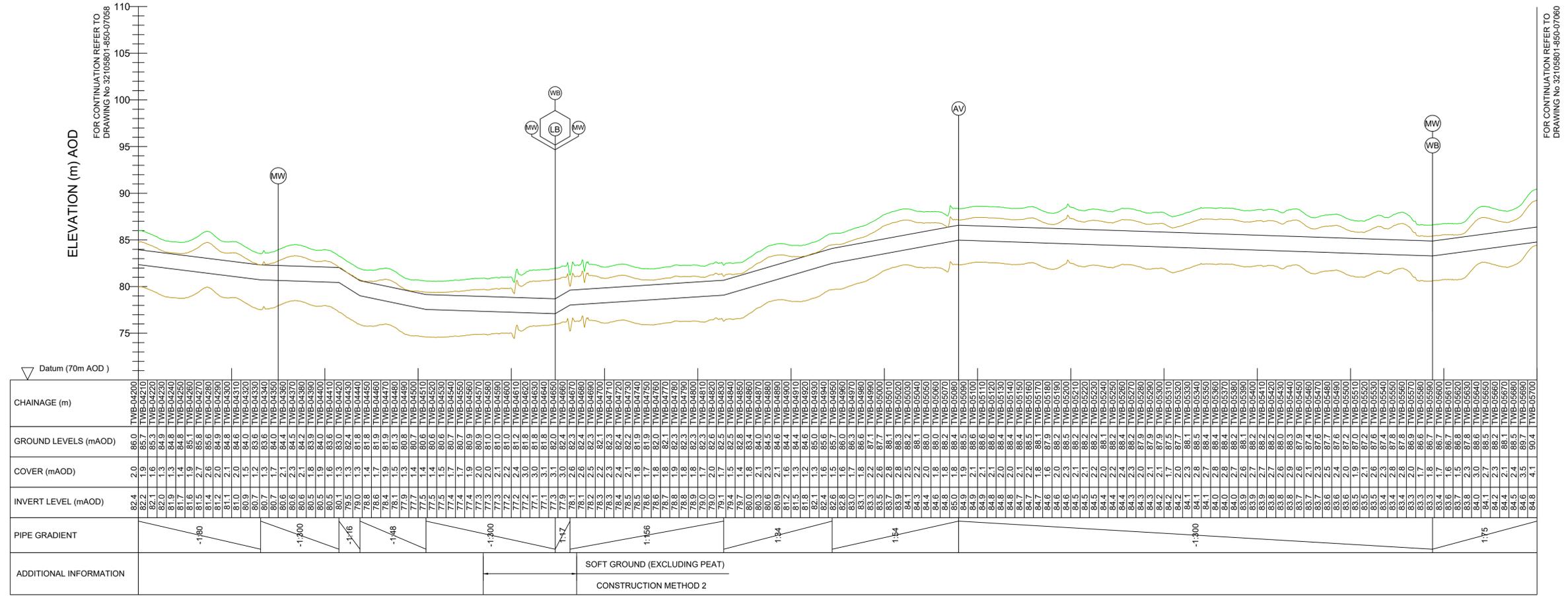
Drawing Status: FINAL FOR PLANNING  
Jacobs Tobin No. 32105801 Client No. 9318

Drawing No. 32105801-850-07058





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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
  - 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
  - Proposed Air Valve
  - Proposed Washout with outfall
  - Proposed Washout without outfall
  - Proposed Line Valve
  - 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:  
3704.

|     |                    |          |       |       |          |
|-----|--------------------|----------|-------|-------|----------|
| 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     |

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IRELAND

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# JACOBS TOBIN

|                     |                  |                  |                   |
|---------------------|------------------|------------------|-------------------|
| Originated By<br>EG | Drawn By<br>AL   | Checked By<br>SM | Approved By<br>SW |
| Date<br>04.03.25    | Date<br>01.12.25 | Date<br>01.12.25 | Date<br>01.12.25  |

Scale: AS SHOWN @ A1

Project Title: WATER SUPPLY PROJECT EASTERN AND MIDLANDS REGION

Drawing Title: GRAVITY PIPELINE SECTION B PLAN AND LONGITUDINAL SECTION SHEET 4 OF 19

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

Drawing No. 32105801-850-07059



PLAN  
(SCALE - 1:2500)

LAYBY LOCATION  
REFER TO DWG NO  
32105801-850-07317

PIPE STORAGE DEPOT

TYPICAL LINE  
VALVE REFER TO  
DWG NO  
32105801-850-07300

DERRINBOY

FOR CONTINUATION REFER TO  
DRAWING No 32105801-850-07061

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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 Stay Wire
  - Proposed Permanent Layby
  - Proposed Water Main Connection
  - Proposed Electric Overhead Powerline Diversion
  - Proposed Future Takeoff Point
  - Proposed Air Valve
  - Proposed Washout with outfall
  - Proposed Washout without outfall
  - Proposed Line Valve
  - 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:  
3704, 3646.

|     |                    |          |       |       |           |
|-----|--------------------|----------|-------|-------|-----------|
| 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      |

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TALBOT STREET,  
DUBLIN 1,  
IRELAND

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Int: 00 353 1 707 2828

# JACOBS TOBIN

|                     |                  |                  |                   |
|---------------------|------------------|------------------|-------------------|
| Originated By<br>EG | Drawn By<br>AL   | Checked By<br>SM | Approved By<br>SW |
| Date<br>04.03.25    | Date<br>01.12.25 | Date<br>01.12.25 | Date<br>01.12.25  |

Scale: AS SHOWN @ A1

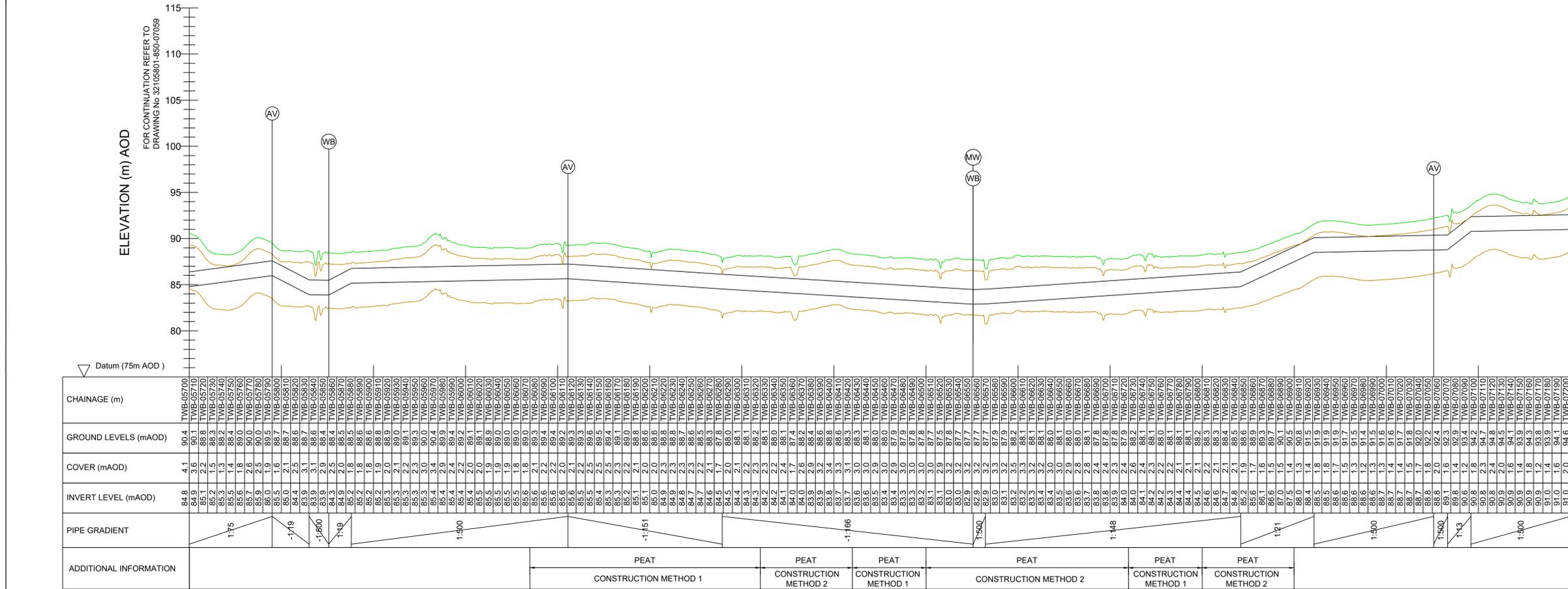
Project Title  
WATER SUPPLY PROJECT  
EASTERN AND MIDLANDS REGION

Drawing Title  
GRAVITY PIPELINE SECTION B  
PLAN AND LONGITUDINAL SECTION  
SHEET 5 OF 19

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

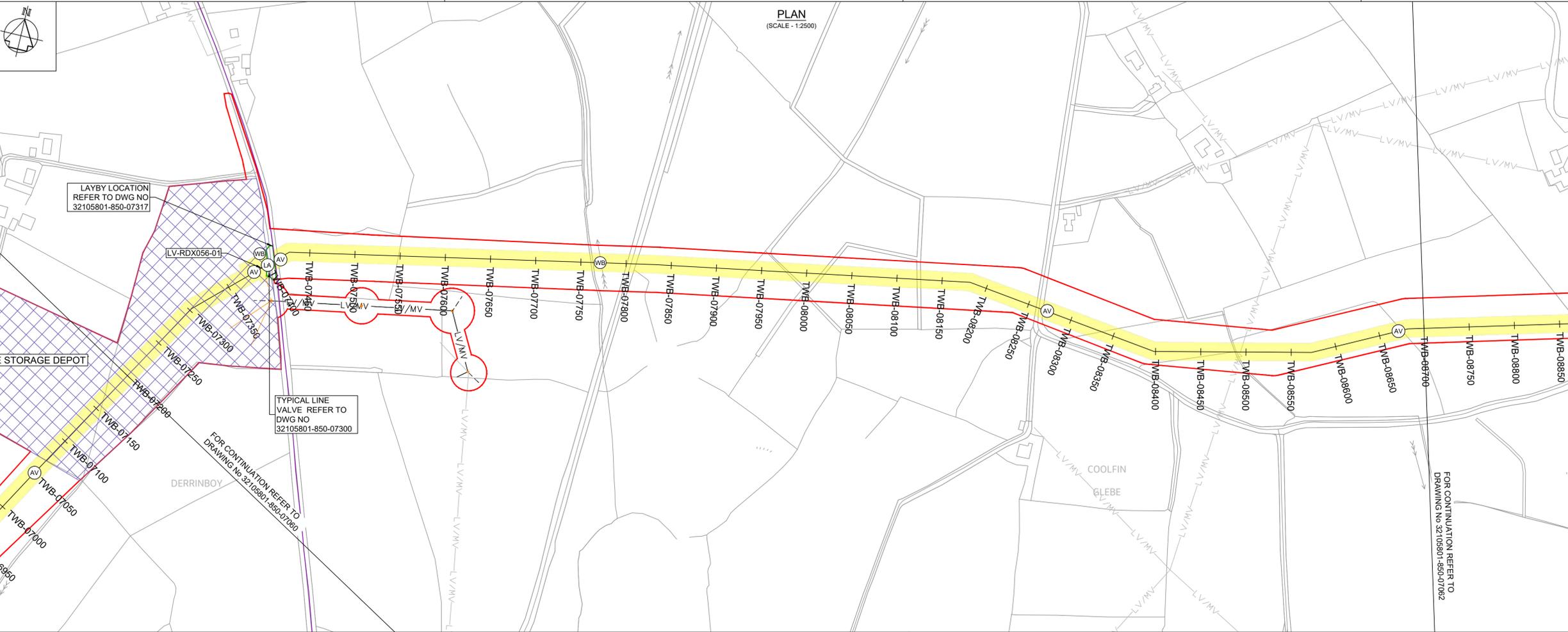
Drawing No.  
32105801-850-07060

20.11.2025 15:41:16



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





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Original Size **A1**

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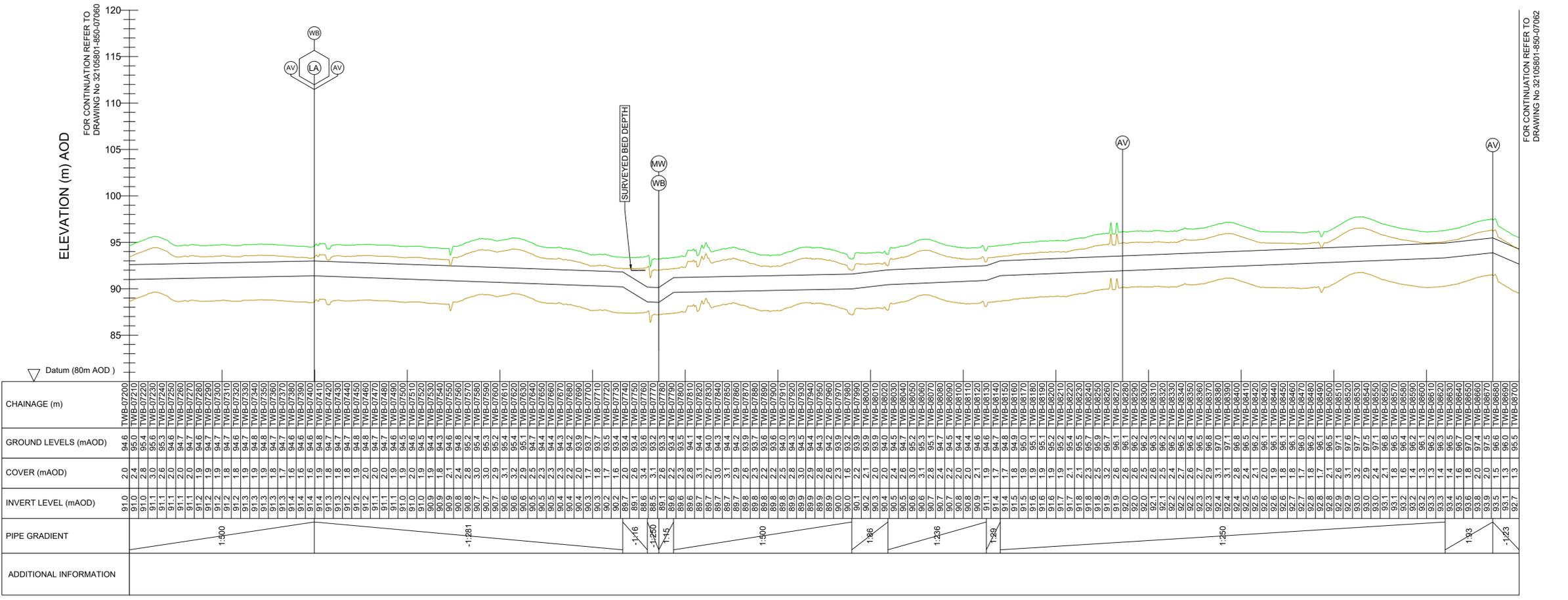
PLAN LEGEND:

- Planning Application Boundary
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- Proposed Permanent Layby
- Proposed Water Main Connection
- Proposed Electric Overhead Powerline Diversion
- Proposed Future Takeoff Point
- Proposed Air Valve (AV)
- 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
- Proposed Electrical Overhead Powerline (PEOP)
- Proposed Overhead Line (POHL)

PROFILE

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

OSI Sheet No's:  
3704, 3705, 3646, 3647.



| CHAINAGE (m) | GROUND LEVELS (mAOD) | COVER (mAOD) | INVERT LEVEL (mAOD) | PIPE GRADIENT | ADDITIONAL INFORMATION |
|--------------|----------------------|--------------|---------------------|---------------|------------------------|
| 91.0         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 91.1         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 91.2         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 91.3         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 91.4         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 91.5         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 91.6         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 91.7         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 91.8         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 91.9         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 92.0         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 92.1         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 92.2         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 92.3         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 92.4         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 92.5         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 92.6         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 92.7         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 92.8         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 92.9         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 93.0         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 93.1         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 93.2         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 93.3         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 93.4         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 93.5         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 93.6         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 93.7         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 93.8         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 93.9         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 94.0         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 94.1         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 94.2         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 94.3         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 94.4         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 94.5         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 94.6         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 94.7         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 94.8         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 94.9         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 95.0         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 95.1         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 95.2         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 95.3         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 95.4         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 95.5         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 95.6         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 95.7         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 95.8         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 95.9         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 96.0         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 96.1         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 96.2         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 96.3         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 96.4         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 96.5         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 96.6         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 96.7         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 96.8         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 96.9         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 97.0         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 97.1         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 97.2         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 97.3         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 97.4         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 97.5         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 97.6         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 97.7         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 97.8         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 97.9         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 98.0         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 98.1         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 98.2         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 98.3         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 98.4         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 98.5         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 98.6         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 98.7         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 98.8         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 98.9         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 99.0         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 99.1         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 99.2         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 99.3         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 99.4         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 99.5         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 99.6         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 99.7         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 99.8         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 99.9         | 94.6                 | 2.0          | 91.0                | 1:300         |                        |
| 100.0        | 94.6                 | 2.0          | 91.0                | 1:300         |                        |

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

0 50 100 150 200 250 m SCALE 1 : 2500

0 5 10 15 20 25 m SCALE 1 : 250

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

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Irish Water

Tionscadal Soláthair Uisce  
Water Supply Project

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

Call 1890 278 278  
Int: 00 353 1 707 2828

**JACOBS TOBIN**

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

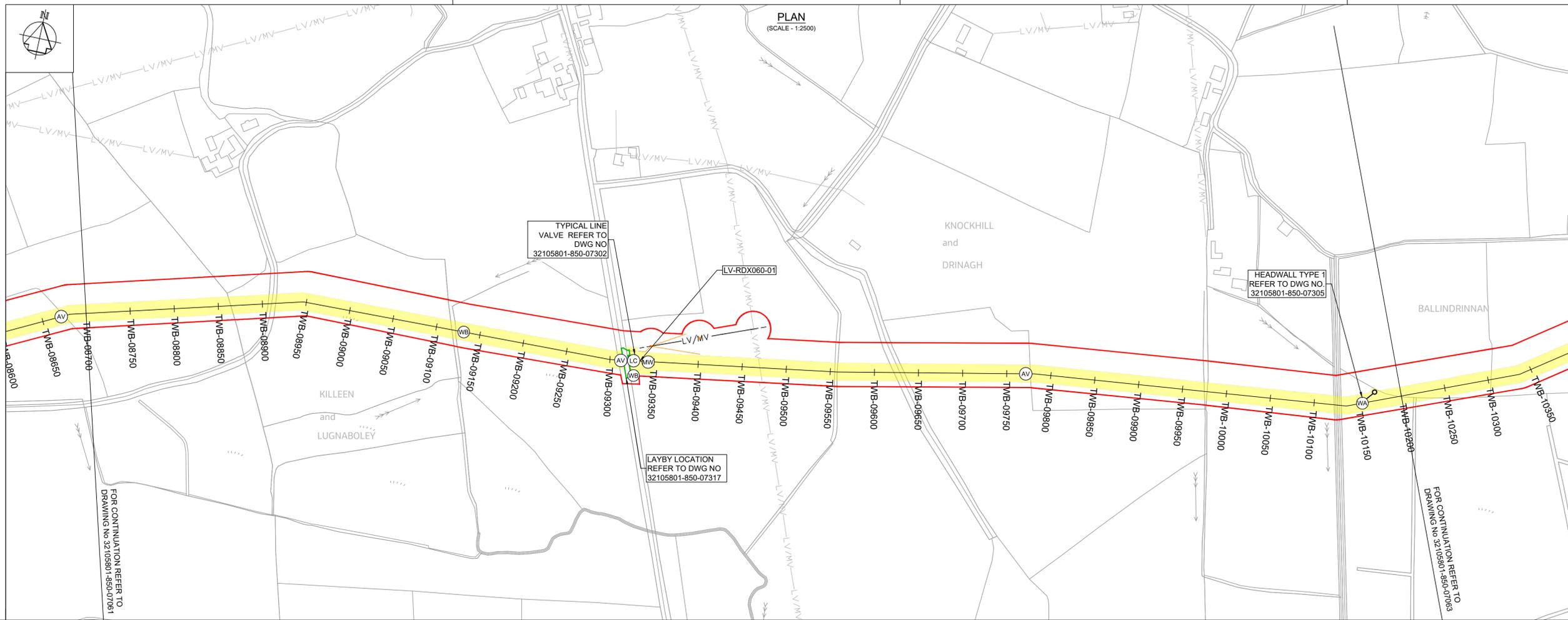
Scale: AS SHOWN @ A1

Project Title: WATER SUPPLY PROJECT EASTERN AND MIDLANDS REGION

Drawing Title: GRAVITY PIPELINE SECTION B PLAN AND LONGITUDINAL SECTION SHEET 6 OF 19

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

Drawing No. 32105801-850-07061



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Original Size **A1**

Notes:

- This drawing is not to be scaled, figured dimensions only to be taken.
- All dimensions are in metres and all levels are A.O.D. Main Head unless otherwise stated.
- 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.
- The design is based on a nominal 1.6m diameter pipeline.
- The location of existing services are based on information provided by the service provider. The actual locations are to be verified in the field.
- The Method of working in peat is related to the anticipated depth of the peat layer - see EIAR Appendix A5.2.
- 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
- Proposed Air Valve
- Proposed Washout with outfall
- Proposed Washout without outfall
- Proposed Line Valve
- Proposed Manway
- Proposed Washout Outfall Connection/Headwall Location
- Proposed Electrical Overhead Powerline
- 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:  
3647.

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

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Irish Water  
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Water Supply Project

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TALBOT STREET,  
DUBLIN 1,  
IRELAND  
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Int: 00 353 1 707 2828

**JACOBS TOBIN**

| Originated By | Drawn By | Checked By | Approved By |
|---------------|----------|------------|-------------|
| EG            | AL       | SM         | SW          |

| Date     | Date     | Date     | Date     |
|----------|----------|----------|----------|
| 04.03.25 | 01.12.25 | 01.12.25 | 01.12.25 |

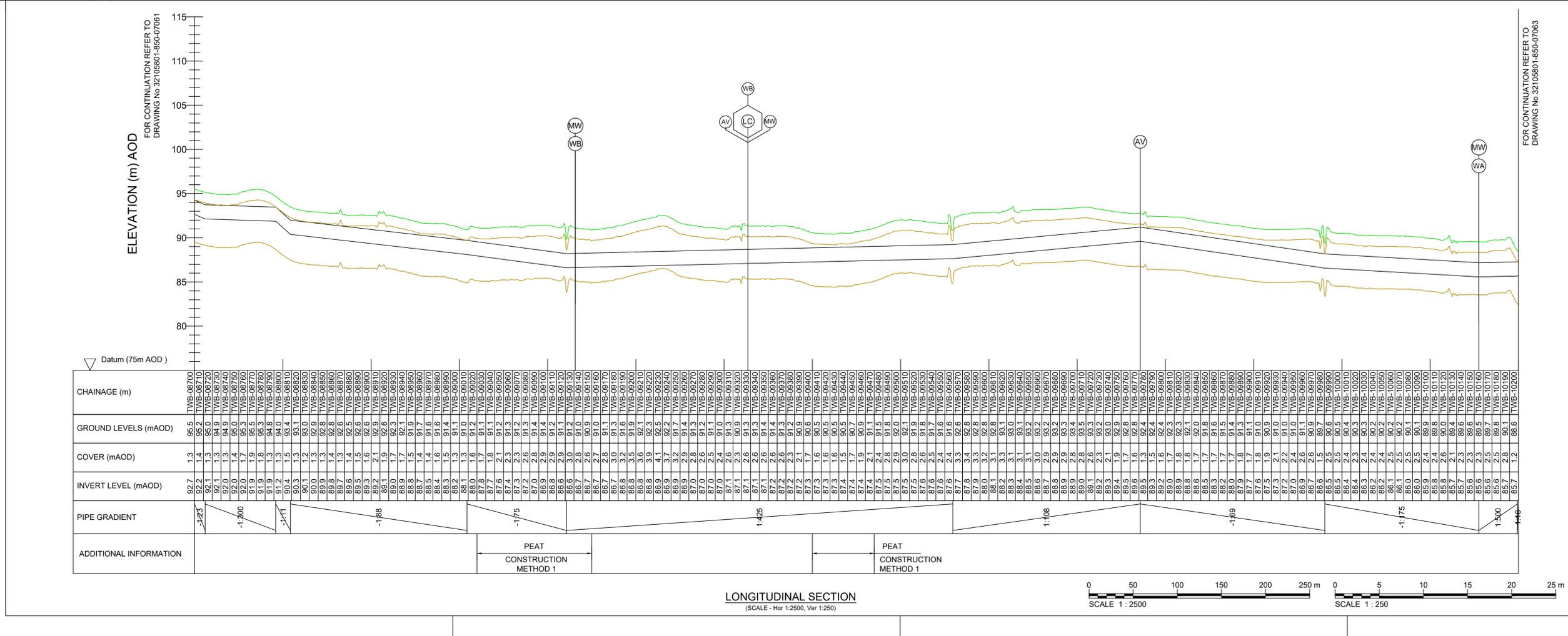
Scale: AS SHOWN @ A1

Project Title: WATER SUPPLY PROJECT EASTERN AND MIDLANDS REGION

Drawing Title: GRAVITY PIPELINE SECTION B PLAN AND LONGITUDINAL SECTION SHEET 7 OF 19

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

Drawing No. 32105801-850-07062



FOR CONTINUATION REFER TO DRAWING No. 32105801-850-07061

FOR CONTINUATION REFER TO DRAWING No. 32105801-850-07063

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

20.11.2025 15:43:08



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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. Main Head unless otherwise stated.  
3. The pipeline horizontal and vertical alignment are subject to further design development but any change to this will be subject to the limits and conditions detailed in this planning submission.  
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7. A MW access point is provided either side of every LV and at every AV. For MWs at WOs see the valve schedule.

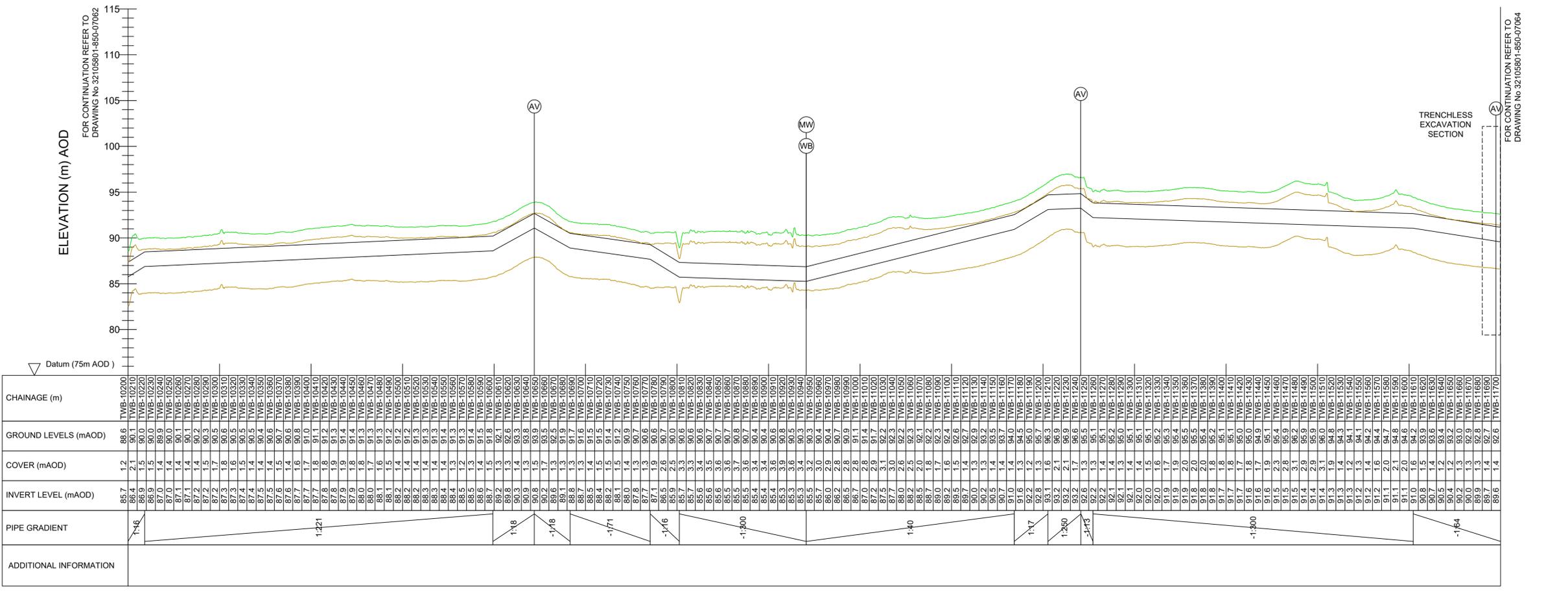
PLAN LEGEND:  
 - Planning Application Boundary  
 - Proposed Pipe Centreline  
 - Indicative Proposed Wayleave  
 - Proposed Trenchless Excavation Section  
 - Proposed Construction Compounds or Pipe Storage Depot  
 - Permanent Wayleave for Existing 1200 Dia Main  
 - Proposed Haul Road  
 - Existing 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  
 WB Proposed Washout with outfall  
 WB Proposed Washout without outfall  
 LA Proposed Line Valve  
 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:  
3647.



| CHAINAGE (m) | GROUND LEVELS (mAOD) | COVER (mAOD) | INVERT LEVEL (mAOD) | PIPE GRADIENT | ADDITIONAL INFORMATION |
|--------------|----------------------|--------------|---------------------|---------------|------------------------|
| 00000        | 88.6                 | 1.2          | 85.7                | 1:46          |                        |
| 00010        | 88.4                 | 1.2          | 85.7                |               |                        |
| 00020        | 88.1                 | 1.2          | 85.7                |               |                        |
| 00030        | 88.0                 | 1.2          | 85.7                |               |                        |
| 00040        | 87.9                 | 1.2          | 85.7                |               |                        |
| 00050        | 87.8                 | 1.2          | 85.7                |               |                        |
| 00060        | 87.7                 | 1.2          | 85.7                |               |                        |
| 00070        | 87.6                 | 1.2          | 85.7                |               |                        |
| 00080        | 87.5                 | 1.2          | 85.7                |               |                        |
| 00090        | 87.4                 | 1.2          | 85.7                |               |                        |
| 00100        | 87.3                 | 1.2          | 85.7                |               |                        |
| 00110        | 87.2                 | 1.2          | 85.7                |               |                        |
| 00120        | 87.1                 | 1.2          | 85.7                |               |                        |
| 00130        | 87.0                 | 1.2          | 85.7                |               |                        |
| 00140        | 86.9                 | 1.2          | 85.7                |               |                        |
| 00150        | 86.8                 | 1.2          | 85.7                |               |                        |
| 00160        | 86.7                 | 1.2          | 85.7                |               |                        |
| 00170        | 86.6                 | 1.2          | 85.7                |               |                        |
| 00180        | 86.5                 | 1.2          | 85.7                |               |                        |
| 00190        | 86.4                 | 1.2          | 85.7                |               |                        |
| 00200        | 86.3                 | 1.2          | 85.7                |               |                        |
| 00210        | 86.2                 | 1.2          | 85.7                |               |                        |
| 00220        | 86.1                 | 1.2          | 85.7                |               |                        |
| 00230        | 86.0                 | 1.2          | 85.7                |               |                        |
| 00240        | 85.9                 | 1.2          | 85.7                |               |                        |
| 00250        | 85.8                 | 1.2          | 85.7                |               |                        |
| 00260        | 85.7                 | 1.2          | 85.7                |               |                        |
| 00270        | 85.6                 | 1.2          | 85.7                |               |                        |
| 00280        | 85.5                 | 1.2          | 85.7                |               |                        |
| 00290        | 85.4                 | 1.2          | 85.7                |               |                        |
| 00300        | 85.3                 | 1.2          | 85.7                |               |                        |
| 00310        | 85.2                 | 1.2          | 85.7                |               |                        |
| 00320        | 85.1                 | 1.2          | 85.7                |               |                        |
| 00330        | 85.0                 | 1.2          | 85.7                |               |                        |
| 00340        | 84.9                 | 1.2          | 85.7                |               |                        |
| 00350        | 84.8                 | 1.2          | 85.7                |               |                        |
| 00360        | 84.7                 | 1.2          | 85.7                |               |                        |
| 00370        | 84.6                 | 1.2          | 85.7                |               |                        |
| 00380        | 84.5                 | 1.2          | 85.7                |               |                        |
| 00390        | 84.4                 | 1.2          | 85.7                |               |                        |
| 00400        | 84.3                 | 1.2          | 85.7                |               |                        |
| 00410        | 84.2                 | 1.2          | 85.7                |               |                        |
| 00420        | 84.1                 | 1.2          | 85.7                |               |                        |
| 00430        | 84.0                 | 1.2          | 85.7                |               |                        |
| 00440        | 83.9                 | 1.2          | 85.7                |               |                        |
| 00450        | 83.8                 | 1.2          | 85.7                |               |                        |
| 00460        | 83.7                 | 1.2          | 85.7                |               |                        |
| 00470        | 83.6                 | 1.2          | 85.7                |               |                        |
| 00480        | 83.5                 | 1.2          | 85.7                |               |                        |
| 00490        | 83.4                 | 1.2          | 85.7                |               |                        |
| 00500        | 83.3                 | 1.2          | 85.7                |               |                        |
| 00510        | 83.2                 | 1.2          | 85.7                |               |                        |
| 00520        | 83.1                 | 1.2          | 85.7                |               |                        |
| 00530        | 83.0                 | 1.2          | 85.7                |               |                        |
| 00540        | 82.9                 | 1.2          | 85.7                |               |                        |
| 00550        | 82.8                 | 1.2          | 85.7                |               |                        |
| 00560        | 82.7                 | 1.2          | 85.7                |               |                        |
| 00570        | 82.6                 | 1.2          | 85.7                |               |                        |
| 00580        | 82.5                 | 1.2          | 85.7                |               |                        |
| 00590        | 82.4                 | 1.2          | 85.7                |               |                        |
| 00600        | 82.3                 | 1.2          | 85.7                |               |                        |
| 00610        | 82.2                 | 1.2          | 85.7                |               |                        |
| 00620        | 82.1                 | 1.2          | 85.7                |               |                        |
| 00630        | 82.0                 | 1.2          | 85.7                |               |                        |
| 00640        | 81.9                 | 1.2          | 85.7                |               |                        |
| 00650        | 81.8                 | 1.2          | 85.7                |               |                        |
| 00660        | 81.7                 | 1.2          | 85.7                |               |                        |
| 00670        | 81.6                 | 1.2          | 85.7                |               |                        |
| 00680        | 81.5                 | 1.2          | 85.7                |               |                        |
| 00690        | 81.4                 | 1.2          | 85.7                |               |                        |
| 00700        | 81.3                 | 1.2          | 85.7                |               |                        |
| 00710        | 81.2                 | 1.2          | 85.7                |               |                        |
| 00720        | 81.1                 | 1.2          | 85.7                |               |                        |
| 00730        | 81.0                 | 1.2          | 85.7                |               |                        |
| 00740        | 80.9                 | 1.2          | 85.7                |               |                        |
| 00750        | 80.8                 | 1.2          | 85.7                |               |                        |
| 00760        | 80.7                 | 1.2          | 85.7                |               |                        |
| 00770        | 80.6                 | 1.2          | 85.7                |               |                        |
| 00780        | 80.5                 | 1.2          | 85.7                |               |                        |
| 00790        | 80.4                 | 1.2          | 85.7                |               |                        |
| 00800        | 80.3                 | 1.2          | 85.7                |               |                        |
| 00810        | 80.2                 | 1.2          | 85.7                |               |                        |
| 00820        | 80.1                 | 1.2          | 85.7                |               |                        |
| 00830        | 80.0                 | 1.2          | 85.7                |               |                        |
| 00840        | 79.9                 | 1.2          | 85.7                |               |                        |
| 00850        | 79.8                 | 1.2          | 85.7                |               |                        |
| 00860        | 79.7                 | 1.2          | 85.7                |               |                        |
| 00870        | 79.6                 | 1.2          | 85.7                |               |                        |
| 00880        | 79.5                 | 1.2          | 85.7                |               |                        |
| 00890        | 79.4                 | 1.2          | 85.7                |               |                        |
| 00900        | 79.3                 | 1.2          | 85.7                |               |                        |
| 00910        | 79.2                 | 1.2          | 85.7                |               |                        |
| 00920        | 79.1                 | 1.2          | 85.7                |               |                        |
| 00930        | 79.0                 | 1.2          | 85.7                |               |                        |
| 00940        | 78.9                 | 1.2          | 85.7                |               |                        |
| 00950        | 78.8                 | 1.2          | 85.7                |               |                        |
| 00960        | 78.7                 | 1.2          | 85.7                |               |                        |
| 00970        | 78.6                 | 1.2          | 85.7                |               |                        |
| 00980        | 78.5                 | 1.2          | 85.7                |               |                        |
| 00990        | 78.4                 | 1.2          | 85.7                |               |                        |
| 01000        | 78.3                 | 1.2          | 85.7                |               |                        |
| 01010        | 78.2                 | 1.2          | 85.7                |               |                        |
| 01020        | 78.1                 | 1.2          | 85.7                |               |                        |
| 01030        | 78.0                 | 1.2          | 85.7                |               |                        |
| 01040        | 77.9                 | 1.2          | 85.7                |               |                        |
| 01050        | 77.8                 | 1.2          | 85.7                |               |                        |
| 01060        | 77.7                 | 1.2          | 85.7                |               |                        |
| 01070        | 77.6                 | 1.2          | 85.7                |               |                        |
| 01080        | 77.5                 | 1.2          | 85.7                |               |                        |
| 01090        | 77.4                 | 1.2          | 85.7                |               |                        |
| 01100        | 77.3                 | 1.2          | 85.7                |               |                        |
| 01110        | 77.2                 | 1.2          | 85.7                |               |                        |
| 01120        | 77.1                 | 1.2          | 85.7                |               |                        |
| 01130        | 77.0                 | 1.2          | 85.7                |               |                        |
| 01140        | 76.9                 | 1.2          | 85.7                |               |                        |
| 01150        | 76.8                 | 1.2          | 85.7                |               |                        |
| 01160        | 76.7                 | 1.2          | 85.7                |               |                        |
| 01170        | 76.6                 | 1.2          | 85.7                |               |                        |
| 01180        | 76.5                 | 1.2          | 85.7                |               |                        |
| 01190        | 76.4                 | 1.2          | 85.7                |               |                        |
| 01200        | 76.3                 | 1.2          | 85.7                |               |                        |
| 01210        | 76.2                 | 1.2          | 85.7                |               |                        |
| 01220        | 76.1                 | 1.2          | 85.7                |               |                        |
| 01230        | 76.0                 | 1.2          | 85.7                |               |                        |
| 01240        | 75.9                 | 1.2          | 85.7                |               |                        |
| 01250        | 75.8                 | 1.2          | 85.7                |               |                        |
| 01260        | 75.7                 | 1.2          | 85.7                |               |                        |
| 01270        | 75.6                 | 1.2          | 85.7                |               |                        |
| 01280        | 75.5                 | 1.2          | 85.7                |               |                        |
| 01290        | 75.4                 | 1.2          | 85.7                |               |                        |
| 01300        | 75.3                 | 1.2          | 85.7                |               |                        |
| 01310        | 75.2                 | 1.2          | 85.7                |               |                        |
| 01320        | 75.1                 | 1.2          | 85.7                |               |                        |
| 01330        | 75.0                 | 1.2          | 85.7                |               |                        |
| 01340        | 74.9                 | 1.2          | 85.7                |               |                        |
| 01350        | 74.8                 | 1.2          | 85.7                |               |                        |
| 01360        | 74.7                 | 1.2          | 85.7                |               |                        |
| 01370        | 74.6                 | 1.2          | 85.7                |               |                        |
| 01380        | 74.5                 | 1.2          | 85.7                |               |                        |
| 01390        | 74.4                 | 1.2          | 85.7                |               |                        |
| 01400        | 74.3                 | 1.2          | 85.7                |               |                        |
| 01410        | 74.2                 | 1.2          | 85.7                |               |                        |
| 01420        | 74.1                 | 1.2          | 85.7                |               |                        |
| 01430        | 74.0                 | 1.2          | 85.7                |               |                        |
| 01440        | 73.9                 | 1.2          | 85.7                |               |                        |
| 01450        | 73.8                 | 1.2          | 85.7                |               |                        |
| 01460        | 73.7                 | 1.2          | 85.7                |               |                        |
| 01470        | 73.6                 | 1.2          | 85.7                |               |                        |
| 01480        | 73.5                 | 1.2          | 85.7                |               |                        |
| 01490        | 73.4                 | 1.2          | 85.7                |               |                        |
| 01500        | 73.3                 | 1.2          | 85.7                |               |                        |
| 01510        | 73.2                 | 1.2          | 85.7                |               |                        |
| 01520        | 73.1                 | 1.2          | 85.7                |               |                        |
| 01530        | 73.0                 | 1.2          | 85.7                |               |                        |
| 01540        | 72.9                 | 1.2          | 85.7                |               |                        |
| 01550        | 72.8                 | 1.2          | 85.7                |               |                        |
| 01560        | 72.7                 | 1.2          | 85.7                |               |                        |
| 01570        | 72.6                 | 1.2          | 85.7                |               |                        |
| 01580        | 72.5                 | 1.2          | 85.7                |               |                        |
| 01590        | 72.4                 | 1.2          | 85.7                |               |                        |
| 01600        | 72.3                 | 1.2          | 85.7                |               |                        |
| 01610        | 72.2                 | 1.2          | 85.7                |               |                        |
| 01620        | 72.1                 | 1.2          | 85.7                |               |                        |
| 01630        | 72.0                 | 1.2          | 85.7                |               |                        |
| 01640        | 71.9                 | 1.2          | 85.7                |               |                        |
| 01650        | 71.8                 | 1.2          | 85.7                |               |                        |
| 01660        | 71.7                 | 1.2          | 85.7                |               |                        |
| 01670        | 71.6                 | 1.2          | 85.7                |               |                        |
| 01680        | 71.5                 | 1.2          | 85.7                |               |                        |
| 01690        | 71.4                 | 1.2          | 85.7                |               |                        |
| 01700        | 71.3                 | 1.2          | 85.7                |               |                        |

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

|     |                         |       |       |       |          |
|-----|-------------------------|-------|-------|-------|----------|
| A01 | DF2 FOR PLANNING REVIEW | PL/KP | EG    | SM    | 27.02.25 |
| Rev | Description             | Drawn | Chk'd | App'd | Date     |

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Irish Water

Tionscadal Soláthair Uisce  
Water Supply Project

Uisce Éireann  
COLVILL HOUSE,  
TALBOT STREET,  
DUBLIN 1,  
IRELAND

Call 1890 278 278  
Int: 00 353 1 707 2828

**JACOBS TOBIN**

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

Scale: AS SHOWN @ A1

Project Title: WATER SUPPLY PROJECT EASTERN AND MIDLANDS REGION

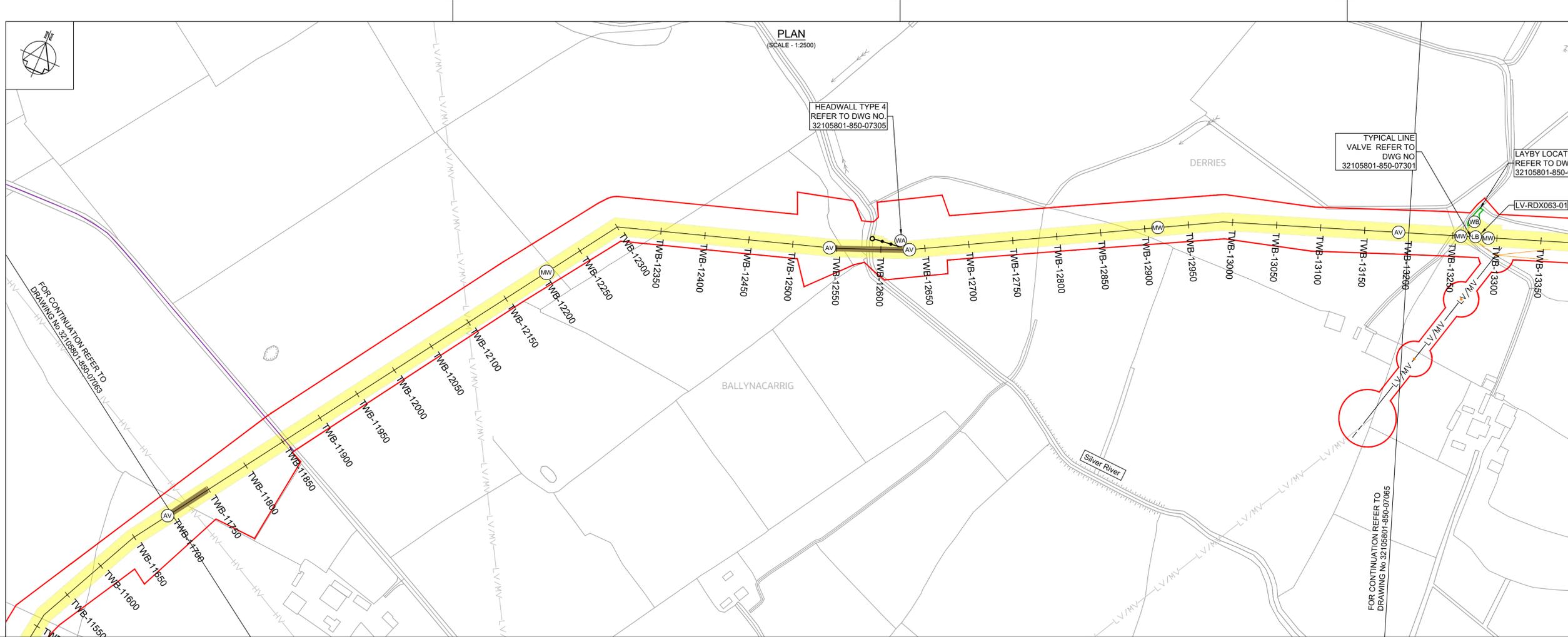
Drawing Title: GRAVITY PIPELINE SECTION B PLAN AND LONGITUDINAL SECTION SHEET 8 OF 19

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

Drawing No. 32105801-850-07063



PLAN  
(SCALE - 1:2500)



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Original Size  
A1

- Notes:
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  - All dimensions are in metres and all levels are A.O.D. Main Head unless otherwise stated.
  - The pipeline horizontal and vertical alignment are subject to further design development but any change to this will be subject to the limits and conditions detailed in this planning submission.
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  - 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
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  - Proposed Water Main Connection
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  - Proposed Air Valve
  - Proposed Washout with outfall
  - Proposed Washout without outfall
  - Proposed Line Valve
  - 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:  
3647, 3648.

|     |                    |          |       |       |           |
|-----|--------------------|----------|-------|-------|-----------|
| 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      |

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COLVILL HOUSE,  
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DUBLIN 1,  
IRELAND

Call 1890 278 278  
Int: 00 353 1 707 2828

# JACOBS TOBIN

|                     |                  |                  |                   |
|---------------------|------------------|------------------|-------------------|
| Originated By<br>EG | Drawn By<br>AL   | Checked By<br>SM | Approved By<br>SW |
| Date<br>04.03.25    | Date<br>01.12.25 | Date<br>01.12.25 | Date<br>01.12.25  |

Scale: AS SHOWN @ A1

Project Title: WATER SUPPLY PROJECT  
EASTERN AND MIDLANDS REGION

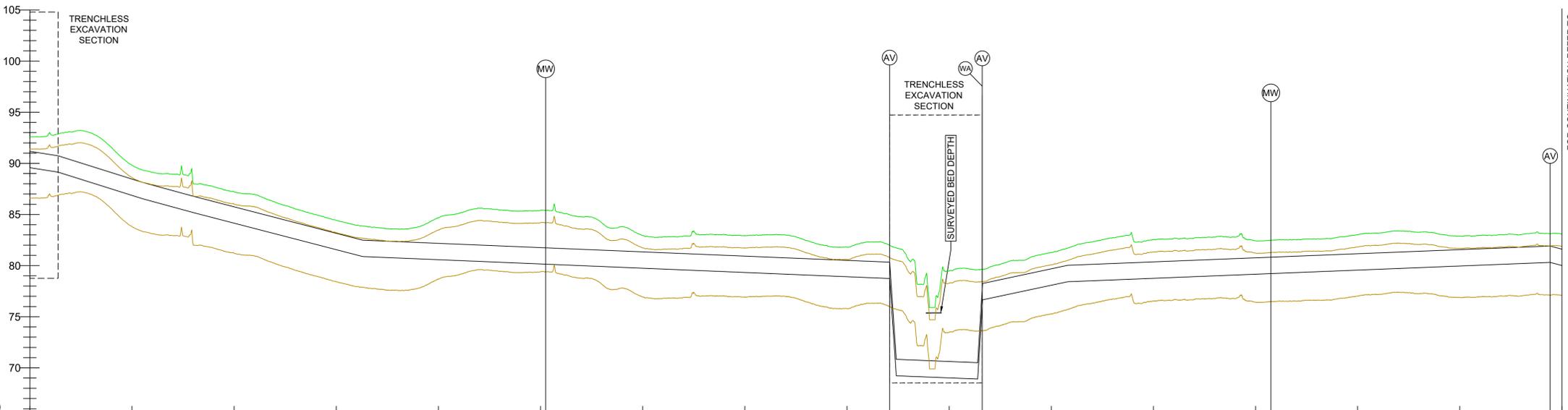
Drawing Title: GRAVITY PIPELINE SECTION B  
PLAN AND LONGITUDINAL SECTION  
SHEET 9 OF 19

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

Drawing No. 32105801-850-07064

20.11.2025 15:45:09

ELEVATION (m) AOD

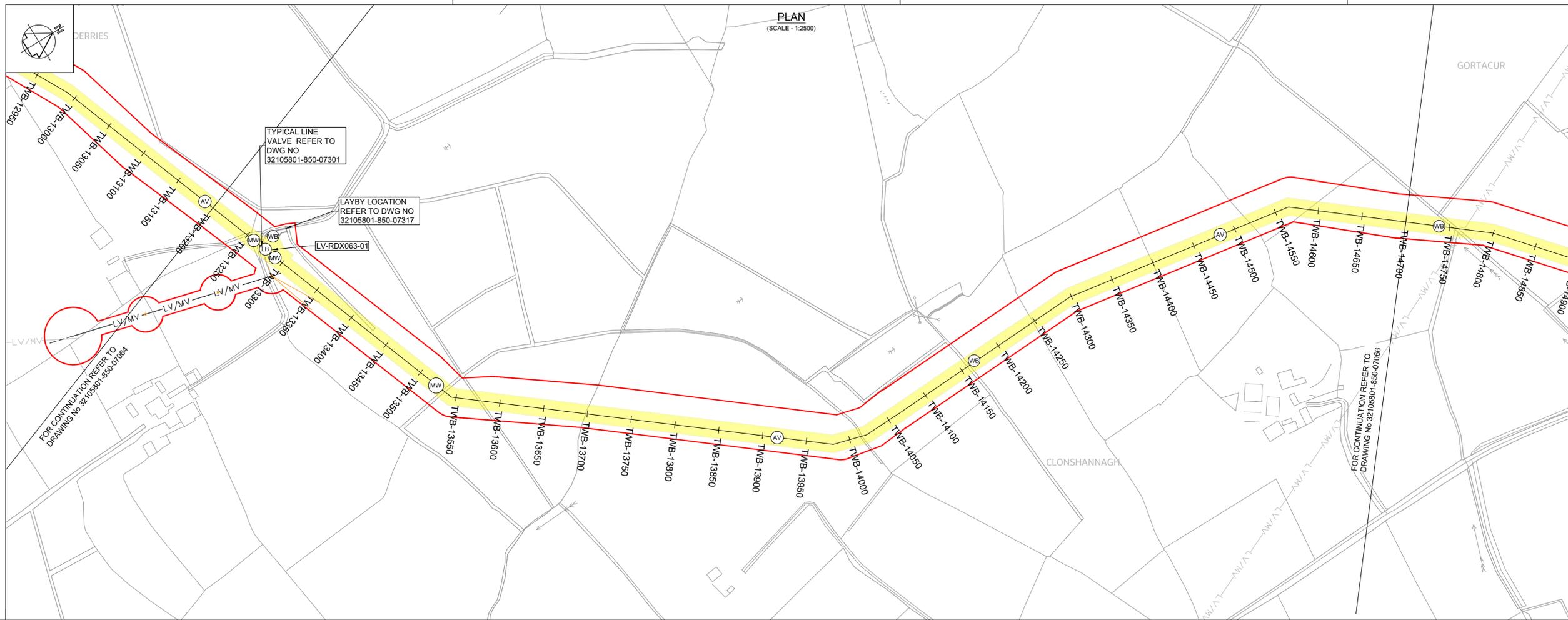


| CHAINAGE (m) | GROUND LEVELS (mAOD) | COVER (mAOD) | INVERT LEVEL (mAOD) | PIPE GRADIENT | ADDITIONAL INFORMATION |
|--------------|----------------------|--------------|---------------------|---------------|------------------------|
| 11700        | 92.6                 | 1.4          | 89.6                |               |                        |
| 11710        | 92.6                 | 1.6          | 89.4                |               |                        |
| 11720        | 92.9                 | 2.0          | 89.3                |               |                        |
| 11730        | 93.0                 | 2.3          | 89.1                |               |                        |
| 11740        | 93.1                 | 2.7          | 88.8                |               |                        |
| 11750        | 93.1                 | 3.0          | 88.7                |               |                        |
| 11760        | 93.0                 | 3.2          | 88.1                |               |                        |
| 11770        | 92.4                 | 3.0          | 87.8                |               |                        |
| 11780        | 91.6                 | 2.5          | 87.5                |               |                        |
| 11790        | 90.6                 | 1.8          | 87.2                |               |                        |
| 11800        | 90.6                 | 1.4          | 86.9                |               |                        |
| 11810        | 89.8                 | 1.2          | 86.5                |               |                        |
| 11820        | 89.1                 | 1.2          | 86.3                |               |                        |
| 11830        | 89.0                 | 1.4          | 86.0                |               |                        |
| 11840        | 88.0                 | 1.4          | 85.0                |               |                        |
| 11850        | 88.9                 | 1.9          | 86.5                |               |                        |
| 11860        | 88.0                 | 1.2          | 86.0                |               |                        |
| 11870        | 87.9                 | 1.4          | 84.9                |               |                        |
| 11880        | 87.7                 | 1.4          | 84.7                |               |                        |
| 11890        | 87.4                 | 1.4          | 84.4                |               |                        |
| 11900        | 87.2                 | 1.5          | 84.1                |               |                        |
| 11910        | 87.0                 | 1.5          | 83.9                |               |                        |
| 11920        | 87.0                 | 1.6          | 83.9                |               |                        |
| 11930        | 86.6                 | 1.6          | 83.6                |               |                        |
| 11940        | 86.2                 | 1.5          | 83.1                |               |                        |
| 11950        | 86.2                 | 1.5          | 82.9                |               |                        |
| 11960        | 85.9                 | 1.4          | 82.9                |               |                        |
| 11970        | 85.5                 | 1.3          | 82.6                |               |                        |
| 11980        | 85.2                 | 1.3          | 82.3                |               |                        |
| 11990        | 85.0                 | 1.3          | 82.1                |               |                        |
| 12000        | 84.7                 | 1.3          | 81.8                |               |                        |
| 12010        | 84.4                 | 1.3          | 81.6                |               |                        |
| 12020        | 84.4                 | 1.3          | 81.6                |               |                        |
| 12030        | 84.9                 | 1.4          | 82.1                |               |                        |
| 12040        | 85.3                 | 1.4          | 82.6                |               |                        |
| 12050        | 85.7                 | 1.2          | 83.6                |               |                        |
| 12060        | 85.6                 | 1.2          | 83.6                |               |                        |
| 12070        | 85.6                 | 1.3          | 83.6                |               |                        |
| 12080        | 85.8                 | 1.5          | 83.8                |               |                        |
| 12090        | 86.2                 | 2.0          | 84.2                |               |                        |
| 12100        | 86.4                 | 2.8          | 84.9                |               |                        |
| 12110        | 86.9                 | 3.0          | 85.4                |               |                        |
| 12120        | 87.1                 | 3.0          | 85.1                |               |                        |
| 12130        | 86.5                 | 3.4          | 85.4                |               |                        |
| 12140        | 86.4                 | 3.6          | 85.6                |               |                        |
| 12150        | 86.5                 | 3.6          | 85.5                |               |                        |
| 12160        | 86.3                 | 3.5          | 85.4                |               |                        |
| 12170        | 86.4                 | 3.5          | 85.4                |               |                        |
| 12180        | 86.2                 | 3.5          | 85.3                |               |                        |
| 12190        | 86.2                 | 3.5          | 85.3                |               |                        |
| 12200        | 86.2                 | 3.6          | 85.4                |               |                        |
| 12210        | 85.4                 | 3.7          | 85.4                |               |                        |
| 12220        | 85.2                 | 3.5          | 85.2                |               |                        |
| 12230        | 84.9                 | 3.3          | 84.9                |               |                        |
| 12240        | 84.8                 | 3.2          | 84.8                |               |                        |
| 12250        | 84.7                 | 3.2          | 84.7                |               |                        |
| 12260        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12270        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12280        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12290        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12300        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12310        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12320        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12330        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12340        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12350        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12360        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12370        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12380        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12390        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12400        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12410        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12420        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12430        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12440        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12450        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12460        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12470        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12480        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12490        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12500        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12510        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12520        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12530        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12540        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12550        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12560        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12570        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12580        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12590        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12600        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12610        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12620        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12630        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12640        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12650        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12660        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12670        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12680        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12690        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12700        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12710        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12720        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12730        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12740        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12750        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12760        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12770        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12780        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12790        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12800        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12810        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12820        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12830        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12840        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12850        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12860        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12870        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12880        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12890        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12900        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12910        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12920        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12930        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12940        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12950        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12960        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12970        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12980        | 84.2                 | 2.7          | 84.2                |               |                        |
| 12990        | 84.2                 | 2.7          | 84.2                |               |                        |
| 13000        | 84.2                 | 2.7          | 84.2                |               |                        |
| 13010        | 84.2                 | 2.7          | 84.2                |               |                        |
| 13020        | 84.2                 | 2.7          | 84.2                |               |                        |
| 13030        | 84.2                 | 2.7          | 84.2                |               |                        |
| 13040        | 84.2                 | 2.7          | 84.2                |               |                        |
| 13050        | 84.2                 | 2.7          | 84.2                |               |                        |
| 13060        | 84.2                 | 2.7          | 84.2                |               |                        |
| 13070        | 84.2                 | 2.7          | 84.2                |               |                        |
| 13080        | 84.2                 | 2.7          | 84.2                |               |                        |
| 13090        | 84.2                 | 2.7          | 84.2                |               |                        |
| 13100        | 84.2                 | 2.7          | 84.2                |               |                        |
| 13110        | 84.2                 | 2.7          | 84.2                |               |                        |
| 13120        | 84.2                 | 2.7          | 84.2                |               |                        |
| 13130        | 84.2                 | 2.7          | 84.2                |               |                        |
| 13140        | 84.2                 | 2.7          | 84.2                |               |                        |
| 13150        | 84.2                 | 2.7          | 84.2                |               |                        |
| 13160        | 84.2                 | 2.7          | 84.2                |               |                        |
| 13170        | 84.2                 | 2.7          | 84.2                |               |                        |
| 13180        | 84.2                 | 2.7          | 84.2                |               |                        |
| 13190        | 84.2                 | 2.7          | 84.2                |               |                        |
| 13200        | 84.2                 | 2.7          | 84.2                |               |                        |

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



PEAT  
CONSTRUCTION  
METHOD 1



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

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  - Proposed Pipeline
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OSI Sheet No's:  
3647, 3648, 3592.

|     |                    |          |       |       |          |
|-----|--------------------|----------|-------|-------|----------|
| 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     |

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Call 1890 278 278  
Int: 00 353 1 707 2828

# JACOBS TOBIN

|                     |                  |                  |                   |
|---------------------|------------------|------------------|-------------------|
| Originated By<br>EG | Drawn By<br>AL   | Checked By<br>SM | Approved By<br>SW |
| Date<br>04.03.25    | Date<br>01.12.25 | Date<br>01.12.25 | Date<br>01.12.25  |

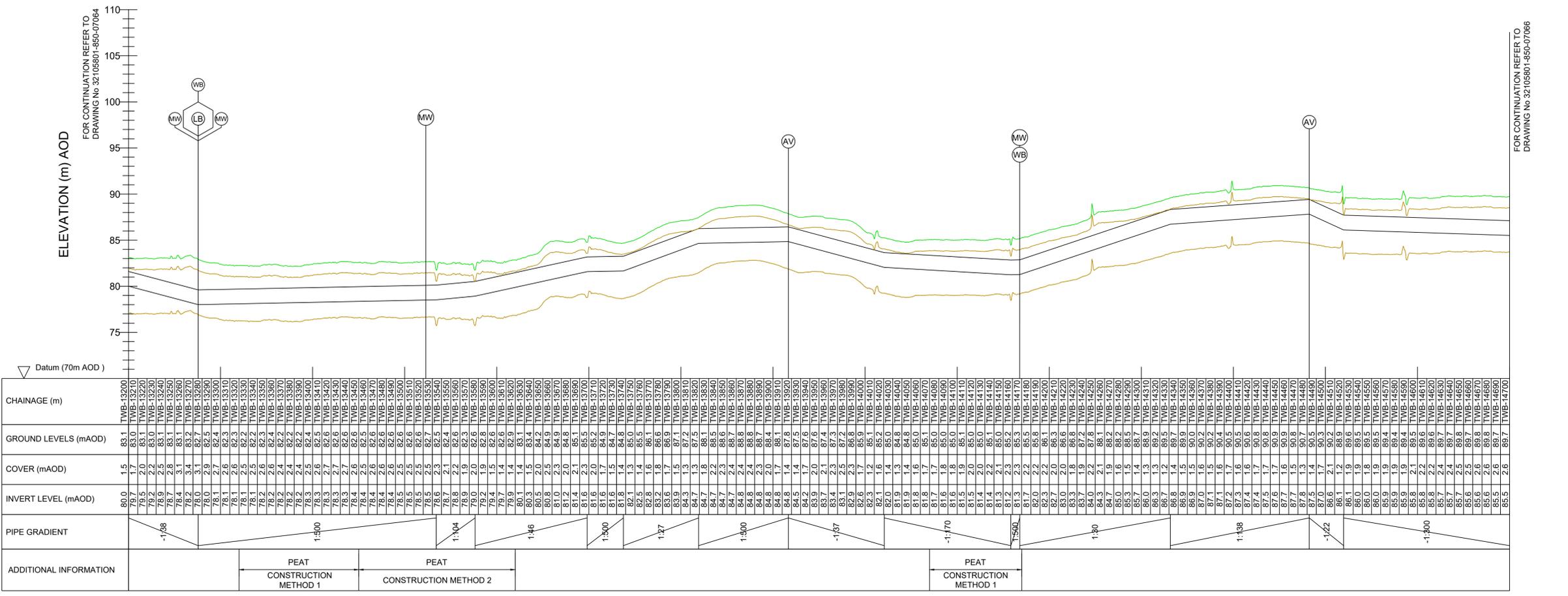
Scale: AS SHOWN @ A1

Project Title: WATER SUPPLY PROJECT  
EASTERN AND MIDLANDS REGION

Drawing Title: GRAVITY PIPELINE SECTION B  
PLAN AND LONGITUDINAL SECTION  
SHEET 10 OF 19

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

Drawing No. 32105801-850-07065





PLAN  
(SCALE - 1:2500)

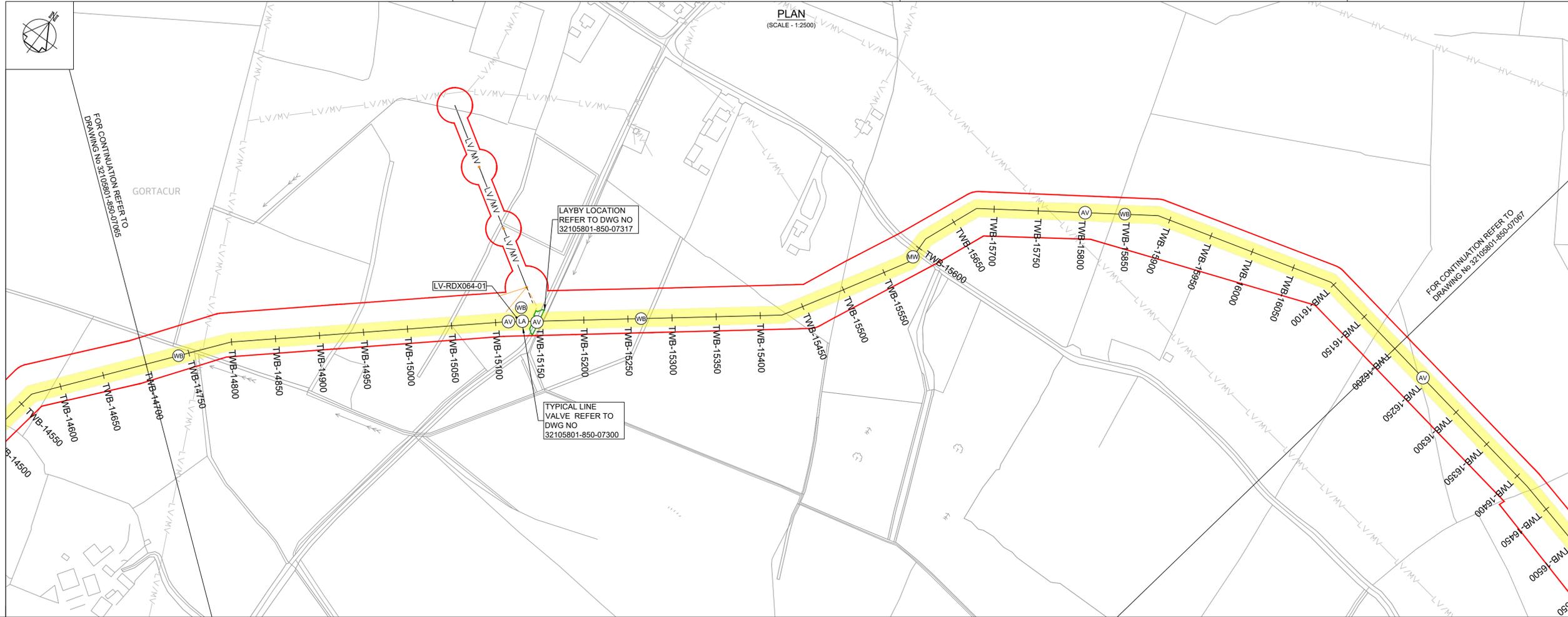
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Survey Ireland and Government of Ireland

Original Size  
A1

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  - 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 Water Main Connection
  - Proposed Underground Earth Cable
  - Proposed Stay Wire
  - Proposed Permanent Layby
  - Proposed Electric Overhead Powerline Diversion
  - Proposed Future Takeoff Point
  - Proposed Air Valve
  - Proposed Washout with outfall
  - Proposed Washout without outfall
  - Proposed Line Valve
  - 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:  
3592.

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

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Tionscadal Soláthair Uisce  
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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 |
|---------------|----------|------------|-------------|
| EG            | AL       | SM         | SW          |

Scale: AS SHOWN @ A1

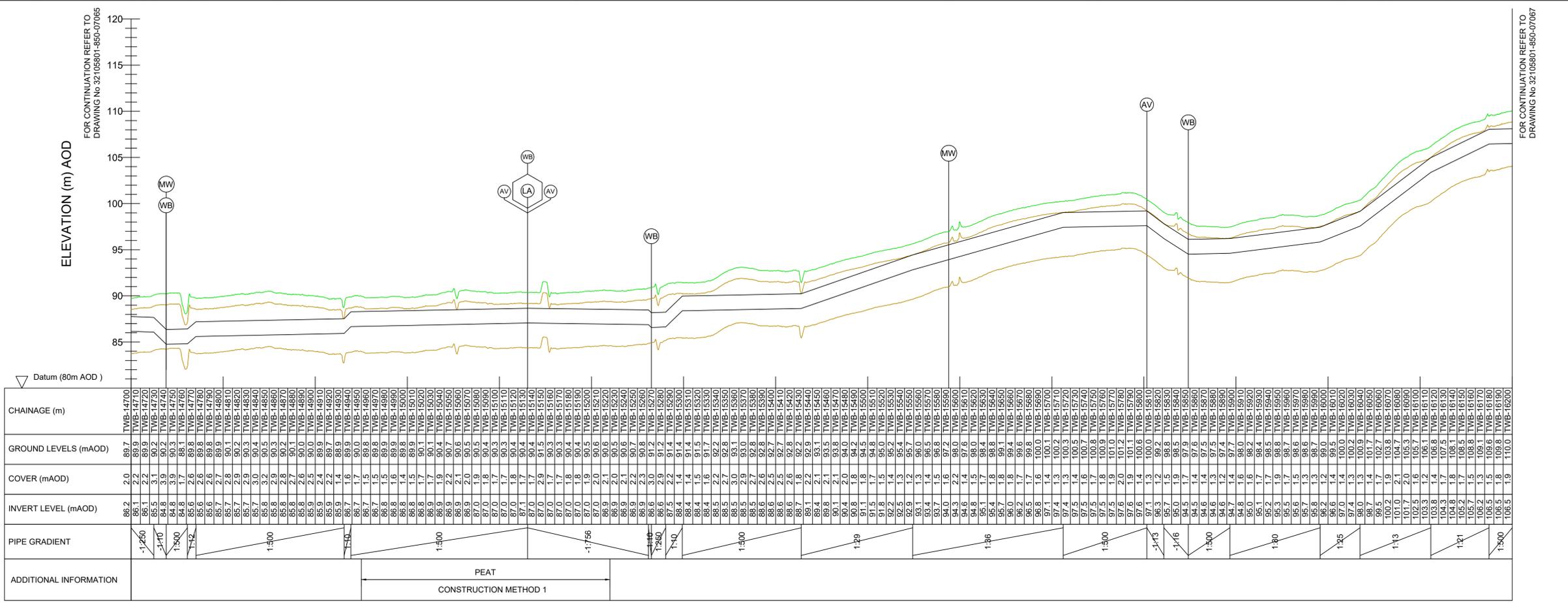
Project Title: WATER SUPPLY PROJECT  
EASTERN AND MIDLANDS REGION

Drawing Title: GRAVITY PIPELINE SECTION B  
PLAN AND LONGITUDINAL SECTION  
SHEET 11 OF 19

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

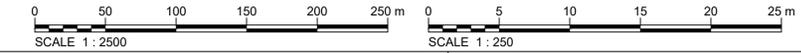
Drawing No. 32105801-850-07066

20.11.2025 15:47:06



| CHAINAGE (m) | GROUND LEVELS (mAOD) | COVER (mAOD) | INVERT LEVEL (mAOD) | PIPE GRADIENT | ADDITIONAL INFORMATION |
|--------------|----------------------|--------------|---------------------|---------------|------------------------|
| 89.7         | 89.7                 | 2.0          | 86.2                |               |                        |
| 89.9         | 89.9                 | 2.2          | 86.1                | -1:260        |                        |
| 90.1         | 90.1                 | 2.2          | 86.1                |               |                        |
| 90.2         | 90.2                 | 3.0          | 84.8                | -1:10         |                        |
| 90.3         | 90.3                 | 3.0          | 84.8                | -1:300        |                        |
| 90.4         | 90.4                 | 3.9          | 84.8                |               |                        |
| 90.5         | 90.5                 | 2.6          | 85.6                | -1:42         |                        |
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| 91.0         | 91.0                 | 2.8          | 85.7                |               |                        |
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| 91.3         | 91.3                 | 3.0          | 85.7                |               |                        |
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| 91.5         | 91.5                 | 3.0          | 85.7                |               |                        |
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| 95.0         | 95.0                 | 3.0          | 85.7                |               |                        |
| 95.1         | 95.1                 | 3.0          | 85.7                |               |                        |
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| 95.7         | 95.7                 | 3.0          | 85.7                |               |                        |
| 95.8         | 95.8                 | 3.0          | 85.7                |               |                        |
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| 96.0         | 96.0                 | 3.0          | 85.7                |               |                        |
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| 98.7         | 98.7                 | 3.0          | 85.7                |               |                        |
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| 100.0        | 100.0                | 3.0          | 85.7                |               |                        |
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| 103.4        | 103.4                | 3.0          | 85.7                |               |                        |
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| 106.7        | 106.7                | 3.0          | 85.7                |               |                        |
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| 106.9        | 106.9                | 3.0          | 85.7                |               |                        |
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LONGITUDINAL SECTION  
(SCALE - Hor 1:2500, Ver 1:250)





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Original Size A1

Notes:

- This drawing is not to be scaled, figured dimensions only to be taken.
- All dimensions are in metres and all levels are A.O.D. Malin Head unless otherwise stated.
- 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.
- The design is based on a nominal 1.6m diameter pipeline. The location of existing services are based on information provided by the service provider. The actual locations are to be verified in the field.
- The Method of working in peat is related to the anticipated depth of the peat layer - see EIAR Appendix A5.2.
- 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
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- Proposed Stay Wire
- Proposed Permanent Layby
- Proposed Water Main Connection
- Proposed Electric Overhead Powerline Diversion
- Proposed Future Takeoff Point
- Proposed Air Valve (AV)
- Proposed Washout with outfall (WB)
- Proposed Washout without outfall (WA)
- Proposed Line Valve (LA, LB, LC, LD)
- Proposed Manway (MW)
- Proposed Washout Outfall Connection/Headwall Location
- Proposed Electrical Overhead Powerline (PEOP)
- Proposed Overhead Line (POHL)

PROFILE

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

OSI Sheet No's: 3592.

|     |                    |          |       |       |           |
|-----|--------------------|----------|-------|-------|-----------|
| 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      |

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Irish Water  
Tionscadal Soláthair Uisce  
Water Supply Project

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TALBOT STREET,  
DUBLIN 1,  
IRELAND  
Call 1890 278 278  
Int: 00 353 1 707 2828

**JACOBS TOBIN**

|                     |                  |                  |                   |
|---------------------|------------------|------------------|-------------------|
| Originated By<br>EG | Drawn By<br>AL   | Checked By<br>SM | Approved By<br>SW |
| Date<br>04.03.25    | Date<br>01.12.25 | Date<br>01.12.25 | Date<br>01.12.25  |

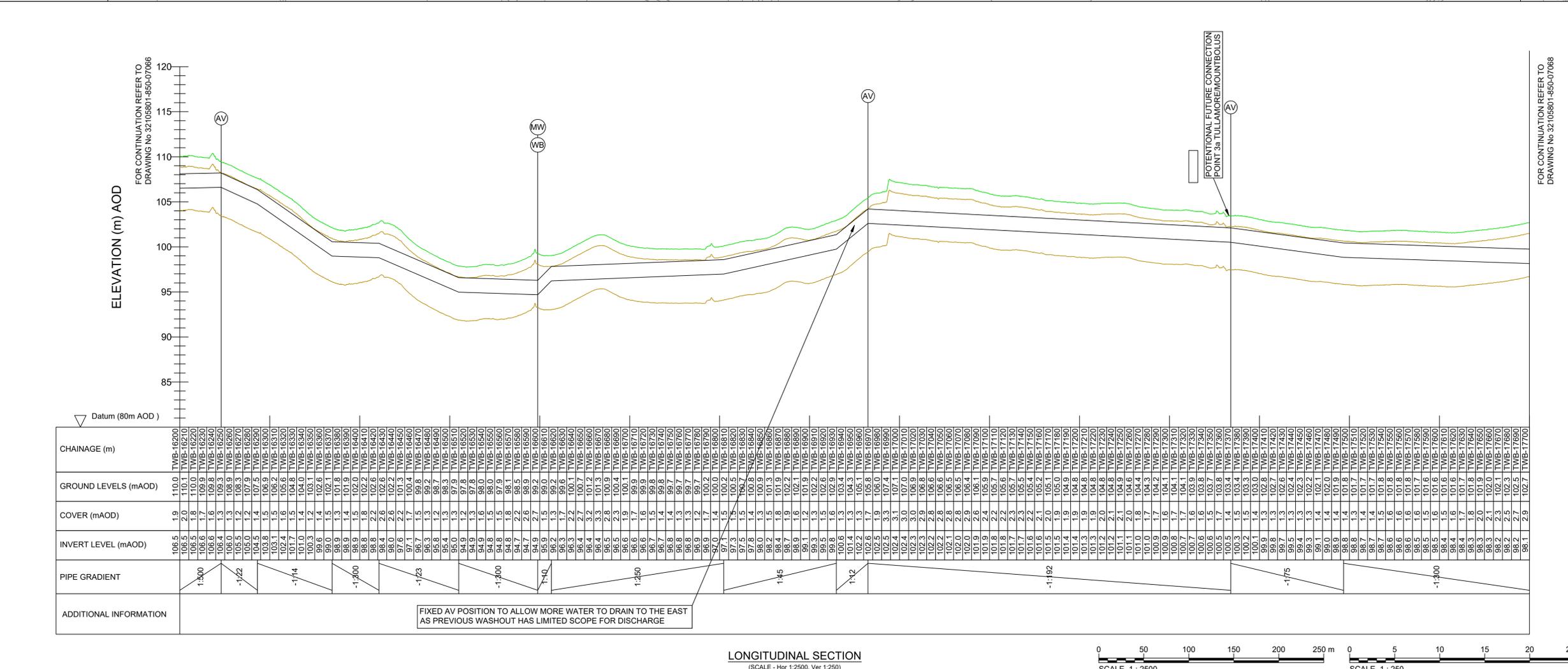
Scale: AS SHOWN @ A1 FINAL

Project Title: WATER SUPPLY PROJECT EASTERN AND MIDLANDS REGION

Drawing Title: GRAVITY PIPELINE SECTION B PLAN AND LONGITUDINAL SECTION SHEET 12 OF 19

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

Drawing No. 32105801-850-07067



FOR CONTINUATION REFER TO DRAWING No 32105801-850-07066

FOR CONTINUATION REFER TO DRAWING No 32105801-850-07068

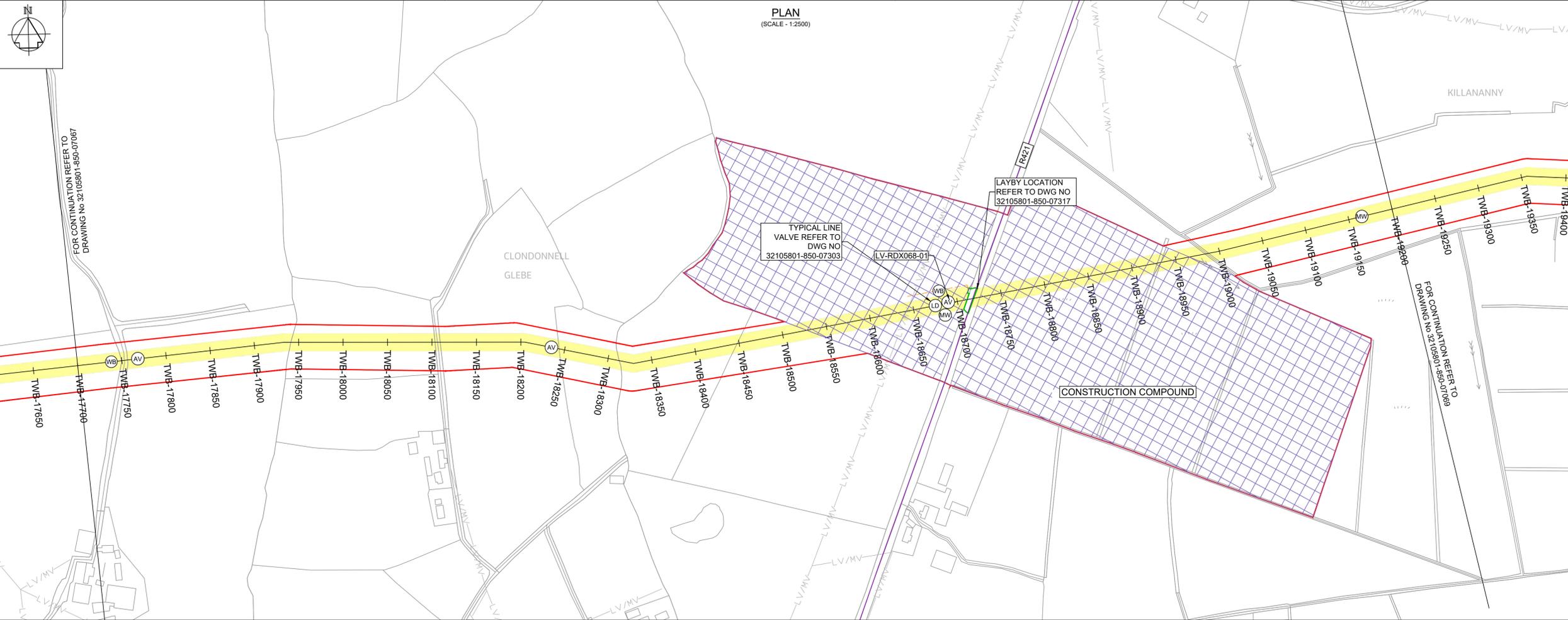
LONGITUDINAL SECTION (SCALE - Hor 1:2500, Ver 1:250)

0 50 100 150 200 250 m  
SCALE 1 : 2500

0 5 10 15 20 25 m  
SCALE 1 : 250

FIXED AV POSITION TO ALLOW MORE WATER TO DRAIN TO THE EAST AS PREVIOUS WASHOUT HAS LIMITED SCOPE FOR DISCHARGE

FOR CONTINUATION REFER TO DRAWING No 32105801-850-07066



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A1

Notes:

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- Proposed Underground Earth Cable
- Proposed Undergound Line
- Proposed Stay Wire
- Proposed Permanent Layby
- Proposed Water Main Connection
- Proposed Electric Overhead Powerline Diversion
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- Proposed Air Valve (AV)
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- Proposed Line Valve (LA, LB, LC, LD)
- Proposed Manway (MW)
- 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:  
3592, 3593.

| 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      |

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Irish Water  
Tionscadal Soláthair Uisce  
Water Supply Project

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TALBOT STREET,  
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IRELAND  
Call 1890 278 278  
Int: 00 353 1 707 2828

**JACOBS TOBIN**

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

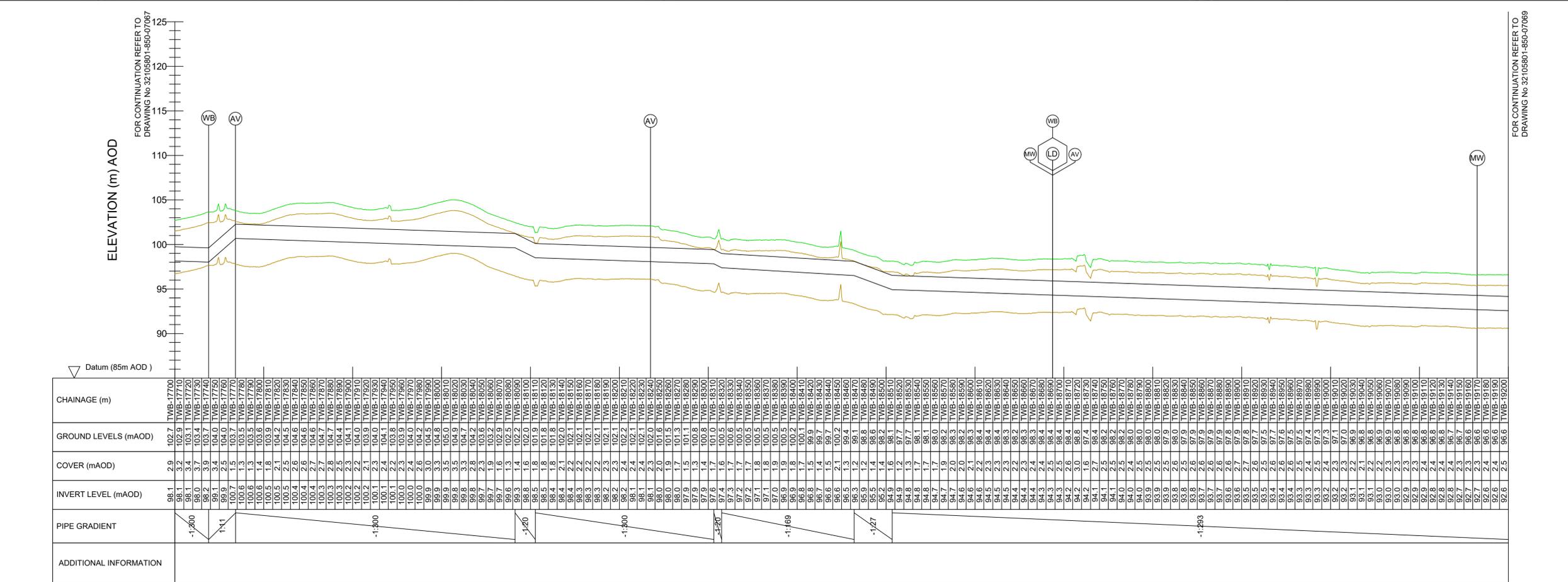
Scale: AS SHOWN @ A1 FINAL

Project Title: WATER SUPPLY PROJECT EASTERN AND MIDLANDS REGION

Drawing Title: GRAVITY PIPELINE SECTION B PLAN AND LONGITUDINAL SECTION SHEET 13 OF 19

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

Drawing No. 32105801-850-07068



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

Scale: 0 5 10 15 20 25 m SCALE 1 : 250

20.11.2025 15:48:59



PLAN  
(SCALE - 1:2500)

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Original Size  
A1

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- PLAN LEGEND:
- Planning Application Boundary
  - Proposed Pipe Centreline
  - Indicative Proposed Wayleave
  - Proposed Trenchless Excavation Section or Pipe Storage Depot
  - Proposed Construction Compounds
  - 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 Stay Wire
  - Proposed Permanent Layby
  - Proposed Water Main Connection
  - Proposed Electric Overhead Powerline Diversion
  - Proposed Future Takeoff Point
  - Proposed Air Valve
  - Proposed Washout with outfall
  - Proposed Washout without outfall
  - Proposed Line Valve
  - 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:  
3593.

|     |                    |          |       |       |           |
|-----|--------------------|----------|-------|-------|-----------|
| 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      |

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# JACOBS TOBIN

|                     |                  |                  |                   |
|---------------------|------------------|------------------|-------------------|
| Originated By<br>EG | Drawn By<br>AL   | Checked By<br>SM | Approved By<br>SW |
| Date<br>04.03.25    | Date<br>01.12.25 | Date<br>01.12.25 | Date<br>01.12.25  |

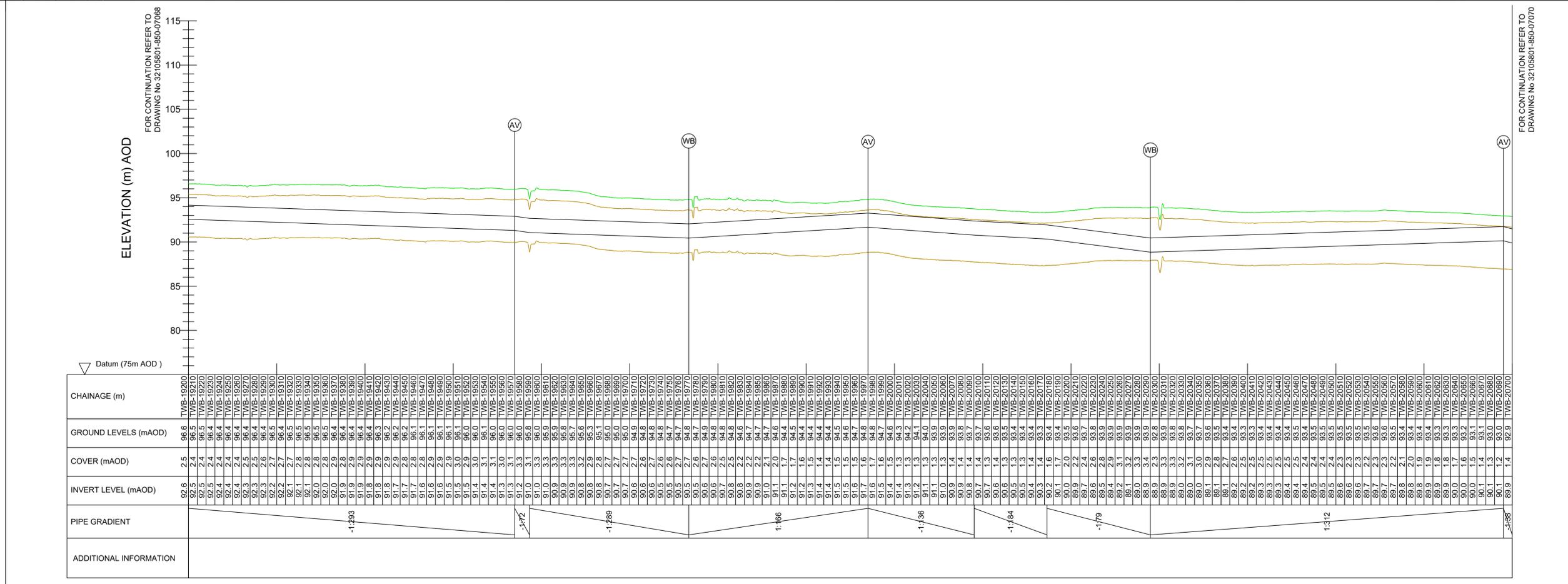
Scale: AS SHOWN @ A1 FINAL

Project Title: WATER SUPPLY PROJECT  
EASTERN AND MIDLANDS REGION

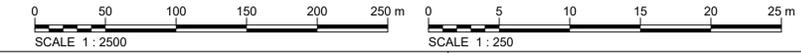
Drawing Title: GRAVITY PIPELINE SECTION B  
PLAN AND LONGITUDINAL SECTION  
SHEET 14 OF 19

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

Drawing No. 32105801-850-07069



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





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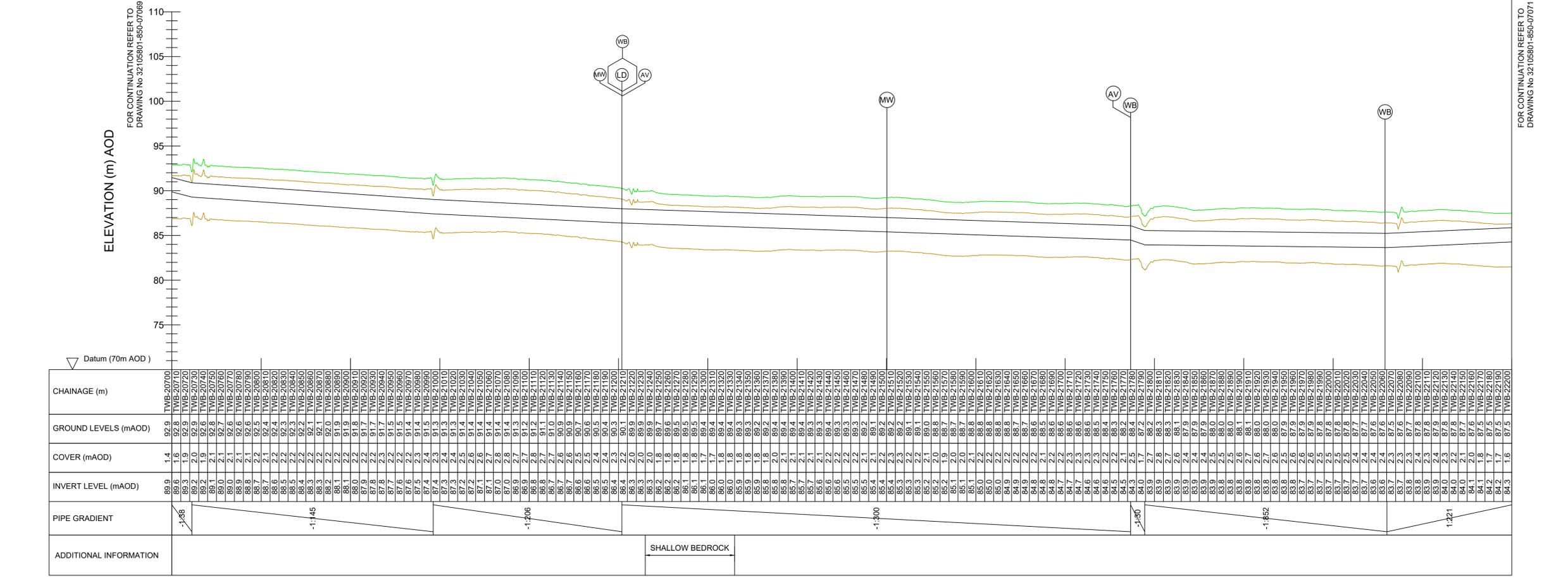
PLAN LEGEND:

- 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
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- Proposed power poles - line valve feed
- Proposed Underground Earth Cable
- Proposed Stay Wire
- Proposed Permanent Layby
- Proposed Water Main Connection
- Proposed Electric Overhead Powerline Diversion
- Proposed Future Takeoff Point
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- Proposed Washout with outfall
- Proposed Washout without outfall
- Proposed Line Valve
- 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:  
3593, 3594.

| Rev | Description        | Drawn   | Chk'd | App'd | Date      |
|-----|--------------------|---------|-------|-------|-----------|
| F02 | FINAL FOR PLANNING | AL/PLKP | MG    | SW    | Dec. 2025 |
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Jacobs TOBIN

| Originated By | Drawn By | Checked By | Approved By |
|---------------|----------|------------|-------------|
| EG            | AL       | SM         | SW          |

Date: 04.03.25 | Date: 01.12.25 | Date: 01.12.25 | Date: 01.12.25

Scale: AS SHOWN @ A1 | FINAL

Project Title: WATER SUPPLY PROJECT EASTERN AND MIDLANDS REGION

Drawing Title: GRAVITY PIPELINE SECTION B PLAN AND LONGITUDINAL SECTION SHEET 15 OF 19

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

Drawing No. 32105801-850-07070



PLAN  
(SCALE - 1:2500)

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Original Size  
A1

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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
  - 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
  - Proposed Air Valve
  - Proposed Washout with outfall
  - Proposed Washout without outfall
  - Proposed Line Valve
  - 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:  
3593, 3594.

|     |                    |          |       |       |          |
|-----|--------------------|----------|-------|-------|----------|
| 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     |

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| Date<br>04.03.25    | Date<br>01.12.25 | Date<br>04.03.25 | Date<br>01.12.25  |

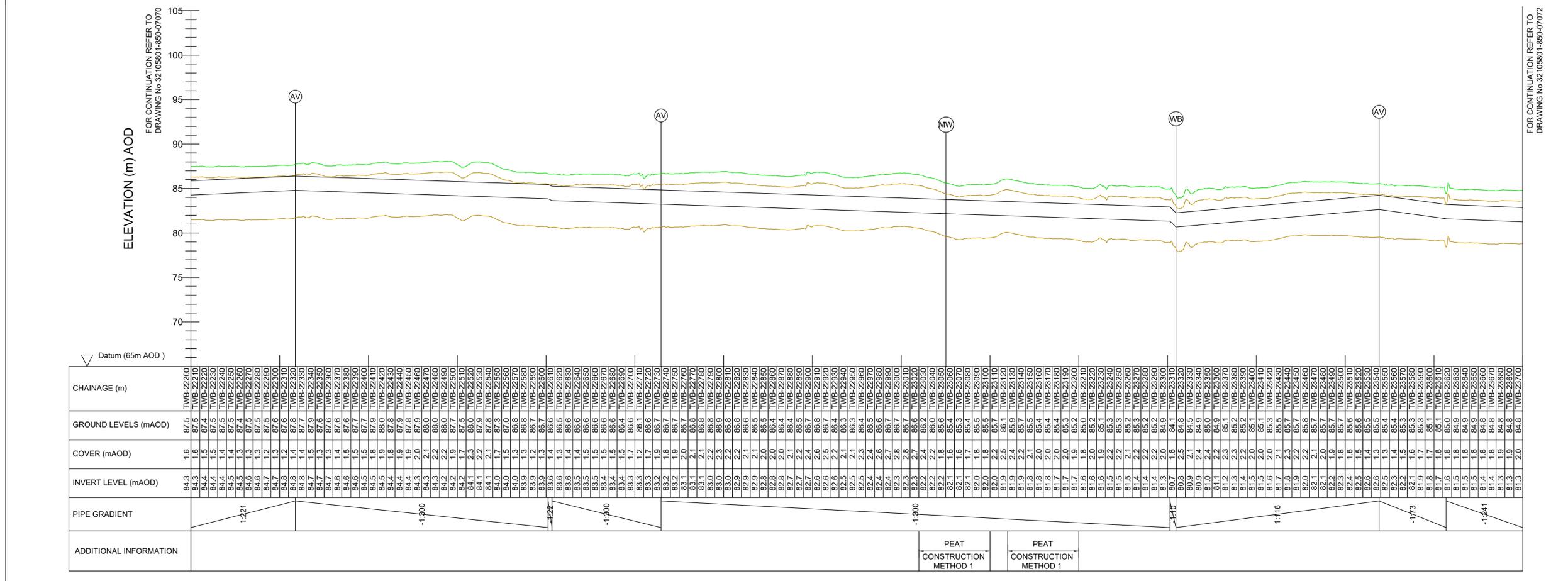
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Project Title  
WATER SUPPLY PROJECT  
EASTERN AND MIDLANDS REGION

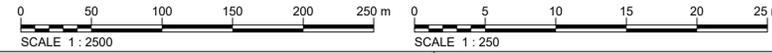
Drawing Title  
GRAVITY PIPELINE SECTION B  
PLAN AND LONGITUDINAL SECTION  
SHEET 16 OF 19

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

Drawing No.  
32105801-850-07071



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





PLAN  
(SCALE - 1:2500)

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Original Size  
A1

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  - Proposed Manway
  - Proposed Washout Outfall Connection/Headwall Location
  - Proposed Electrical Overhead Powerline
  - 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:  
3594, 3545-D.

|     |                    |          |       |       |          |
|-----|--------------------|----------|-------|-------|----------|
| F02 | FINAL FOR PLANNING | AL/PL/KP | MG    | SW    | Dec 2025 |
| F01 | FINAL FOR PLANNING | AL/PL/KP | MG    | SW    | Dec 2025 |
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|                     |                  |                  |                   |
|---------------------|------------------|------------------|-------------------|
| Originated By<br>EG | Drawn By<br>AL   | Checked By<br>SM | Approved By<br>SW |
| Date<br>04.03.25    | Date<br>01.12.25 | Date<br>01.12.25 | Date<br>01.12.25  |

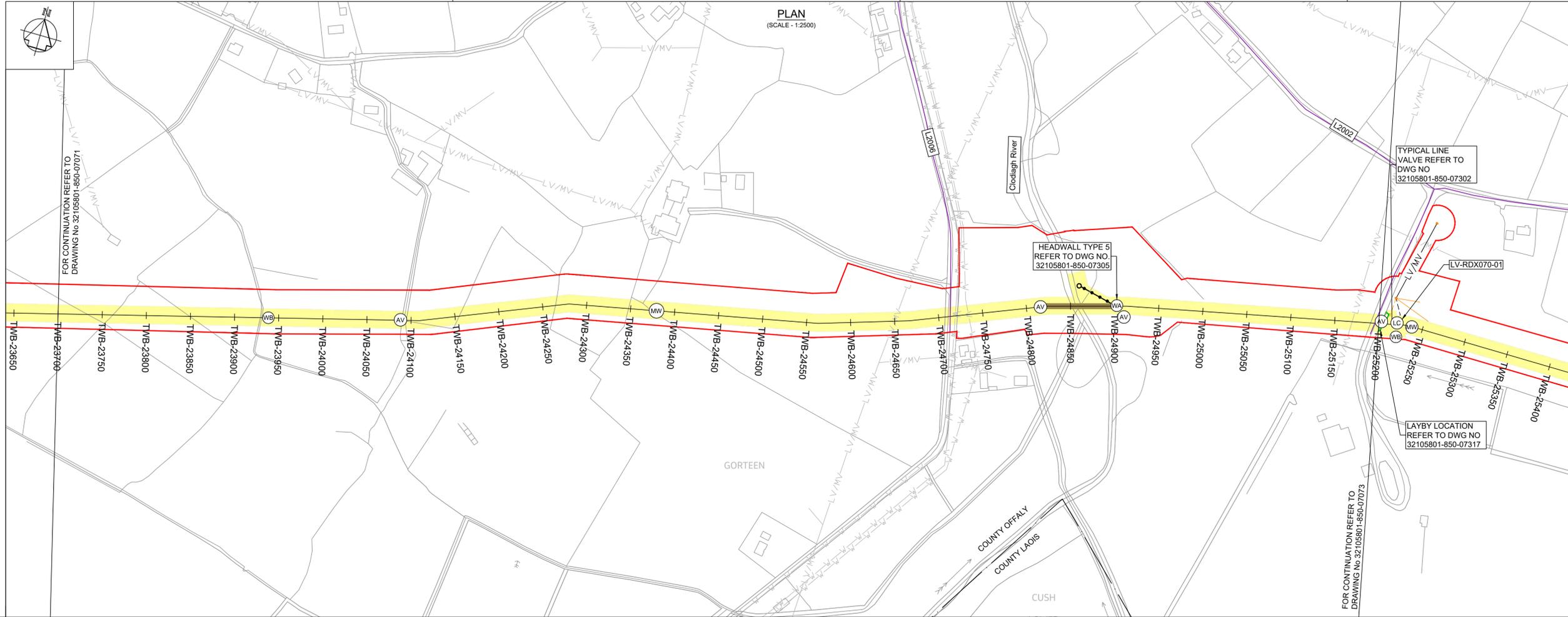
Scale: AS SHOWN @ A1

Project Title: WATER SUPPLY PROJECT  
EASTERN AND MIDLANDS REGION

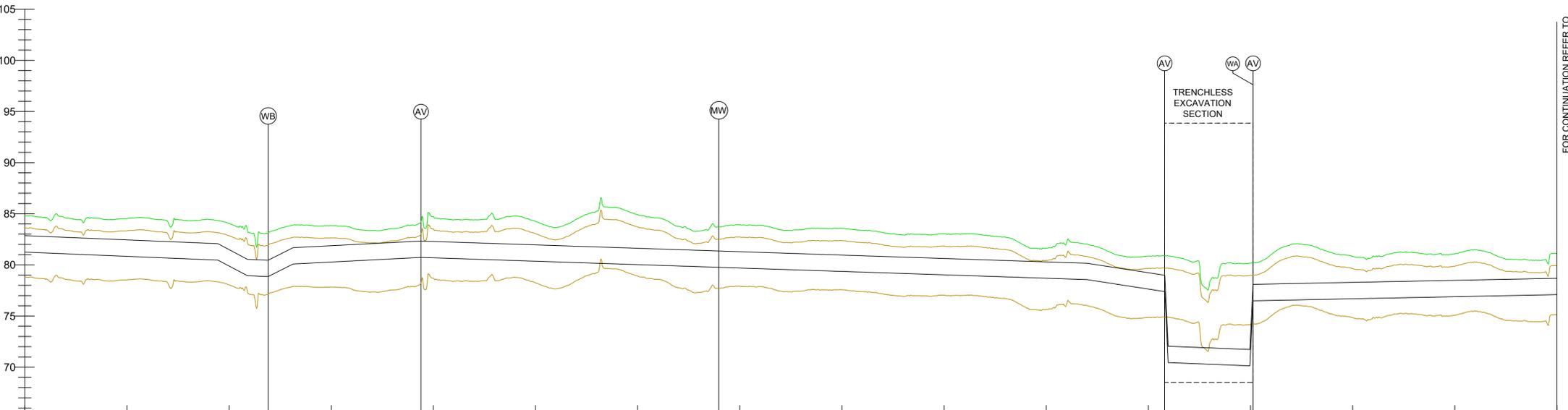
Drawing Title: GRAVITY PIPELINE SECTION B  
PLAN AND LONGITUDINAL SECTION  
SHEET 17 OF 19

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

Drawing No. 32105801-850-07072



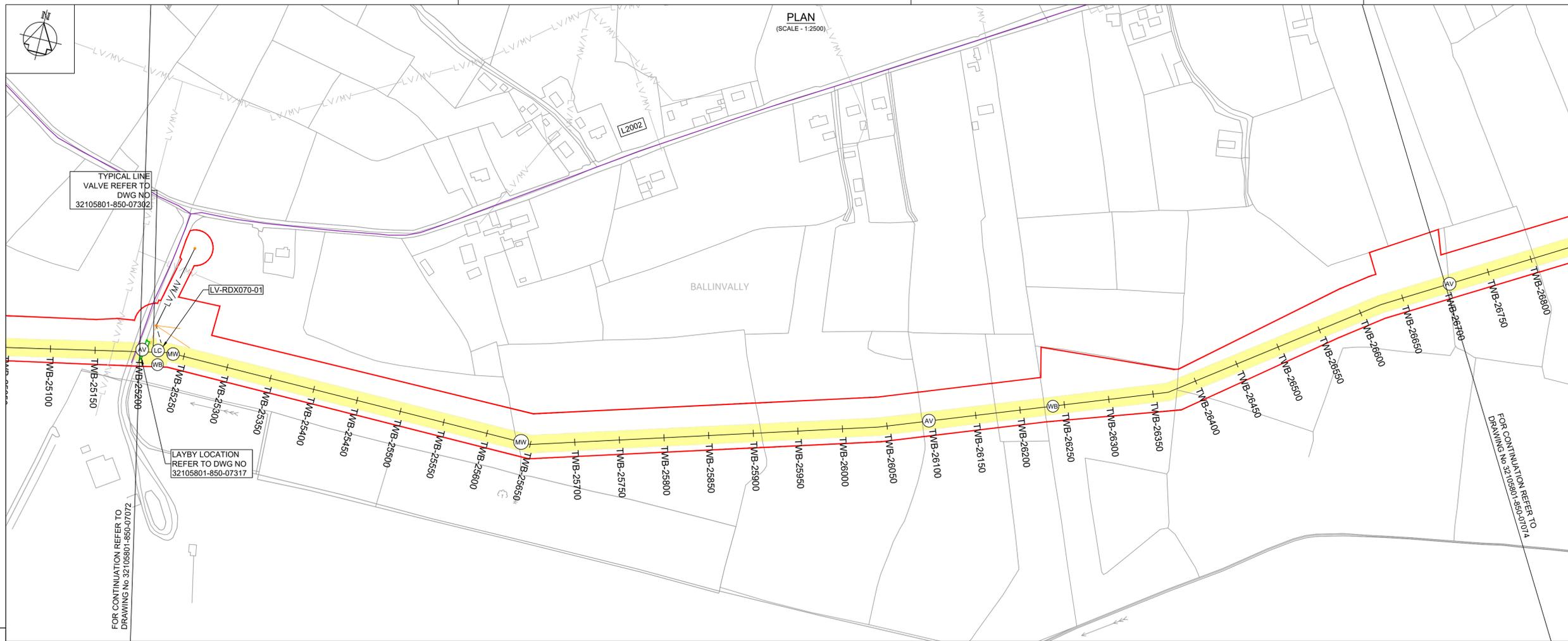
ELEVATION (m) AOD



| CHAINAGE (m) | GROUND LEVELS (mAOD) | COVER (mAOD) | INVERT LEVEL (mAOD) | PIPE GRADIENT | ADDITIONAL INFORMATION |
|--------------|----------------------|--------------|---------------------|---------------|------------------------|
| TMB-23700    | 84.9                 | 2.0          | 81.3                |               |                        |
| TMB-23750    | 84.6                 | 1.9          | 81.2                |               |                        |
| TMB-23800    | 84.6                 | 2.2          | 81.1                |               |                        |
| TMB-23850    | 84.6                 | 1.9          | 81.1                |               |                        |
| TMB-23900    | 84.6                 | 2.0          | 81.0                |               |                        |
| TMB-23950    | 84.4                 | 1.9          | 80.9                |               |                        |
| TMB-24000    | 84.4                 | 2.0          | 80.9                |               |                        |
| TMB-24050    | 84.4                 | 2.2          | 80.8                |               |                        |
| TMB-24100    | 84.4                 | 2.2          | 80.8                |               |                        |
| TMB-24150    | 84.4                 | 2.2          | 80.8                |               |                        |
| TMB-24200    | 84.4                 | 2.2          | 80.8                |               |                        |
| TMB-24250    | 84.4                 | 2.2          | 80.8                |               |                        |
| TMB-24300    | 84.4                 | 2.2          | 80.8                |               |                        |
| TMB-24350    | 84.4                 | 2.2          | 80.8                |               |                        |
| TMB-24400    | 84.4                 | 2.2          | 80.8                |               |                        |
| TMB-24450    | 84.4                 | 2.2          | 80.8                |               |                        |
| TMB-24500    | 84.4                 | 2.2          | 80.8                |               |                        |
| TMB-24550    | 84.4                 | 2.2          | 80.8                |               |                        |
| TMB-24600    | 84.4                 | 2.2          | 80.8                |               |                        |
| TMB-24650    | 84.4                 | 2.2          | 80.8                |               |                        |
| TMB-24700    | 84.4                 | 2.2          | 80.8                |               |                        |
| TMB-24750    | 84.4                 | 2.2          | 80.8                |               |                        |
| TMB-24800    | 84.4                 | 2.2          | 80.8                |               |                        |
| TMB-24850    | 84.4                 | 2.2          | 80.8                |               |                        |
| TMB-24900    | 84.4                 | 2.2          | 80.8                |               |                        |
| TMB-24950    | 84.4                 | 2.2          | 80.8                |               |                        |
| TMB-25000    | 84.4                 | 2.2          | 80.8                |               |                        |
| TMB-25050    | 84.4                 | 2.2          | 80.8                |               |                        |
| TMB-25100    | 84.4                 | 2.2          | 80.8                |               |                        |
| TMB-25150    | 84.4                 | 2.2          | 80.8                |               |                        |
| TMB-25200    | 84.4                 | 2.2          | 80.8                |               |                        |
| TMB-25250    | 84.4                 | 2.2          | 80.8                |               |                        |
| TMB-25300    | 84.4                 | 2.2          | 80.8                |               |                        |
| TMB-25350    | 84.4                 | 2.2          | 80.8                |               |                        |
| TMB-25400    | 84.4                 | 2.2          | 80.8                |               |                        |

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





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Original Size **A1**

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PLAN LEGEND:

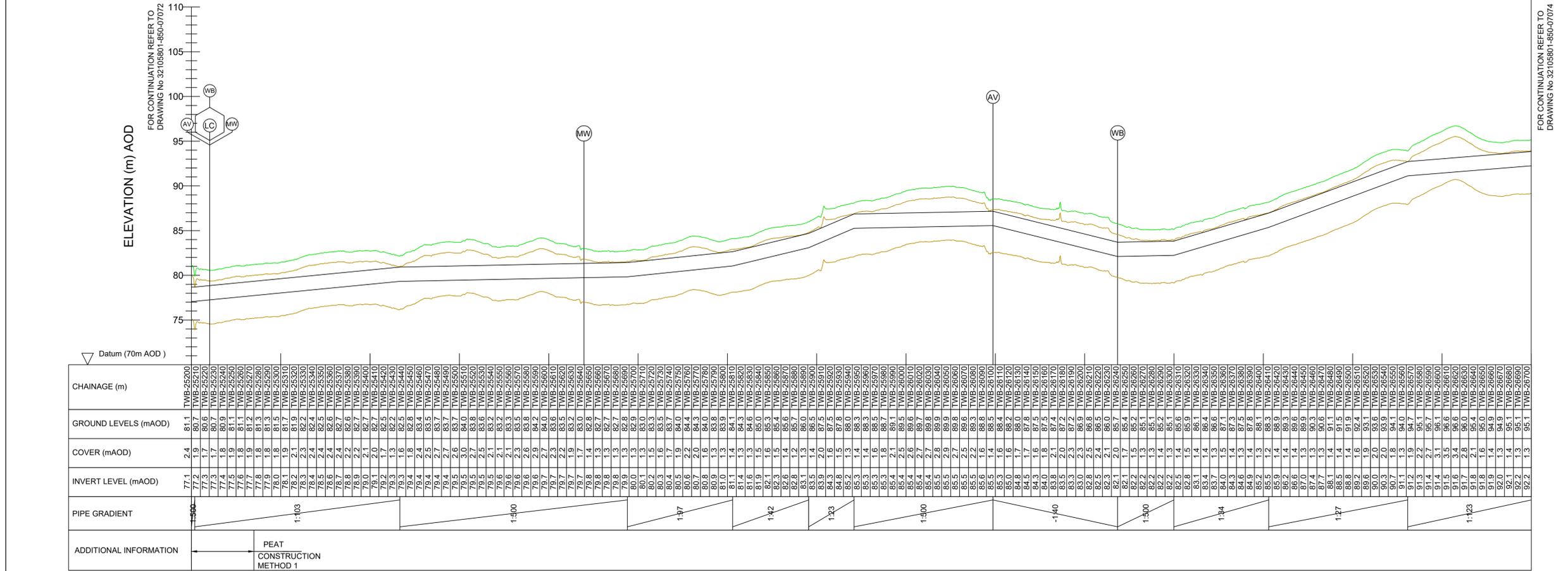
- Planning Application Boundary
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- Proposed Washout Outfall Connection/Headwall Location

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:  
3594, 3595-A, 3545-D, 3546-C.



FOR CONTINUATION REFER TO DRAWING No 32105801-850-07074

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

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

Scale: AS SHOWN @ A1

Project Title: WATER SUPPLY PROJECT EASTERN AND MIDLANDS REGION

Drawing Title: GRAVITY PIPELINE SECTION B PLAN AND LONGITUDINAL SECTION SHEET 18 OF 19

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

Drawing No. 32105801-850-07073

