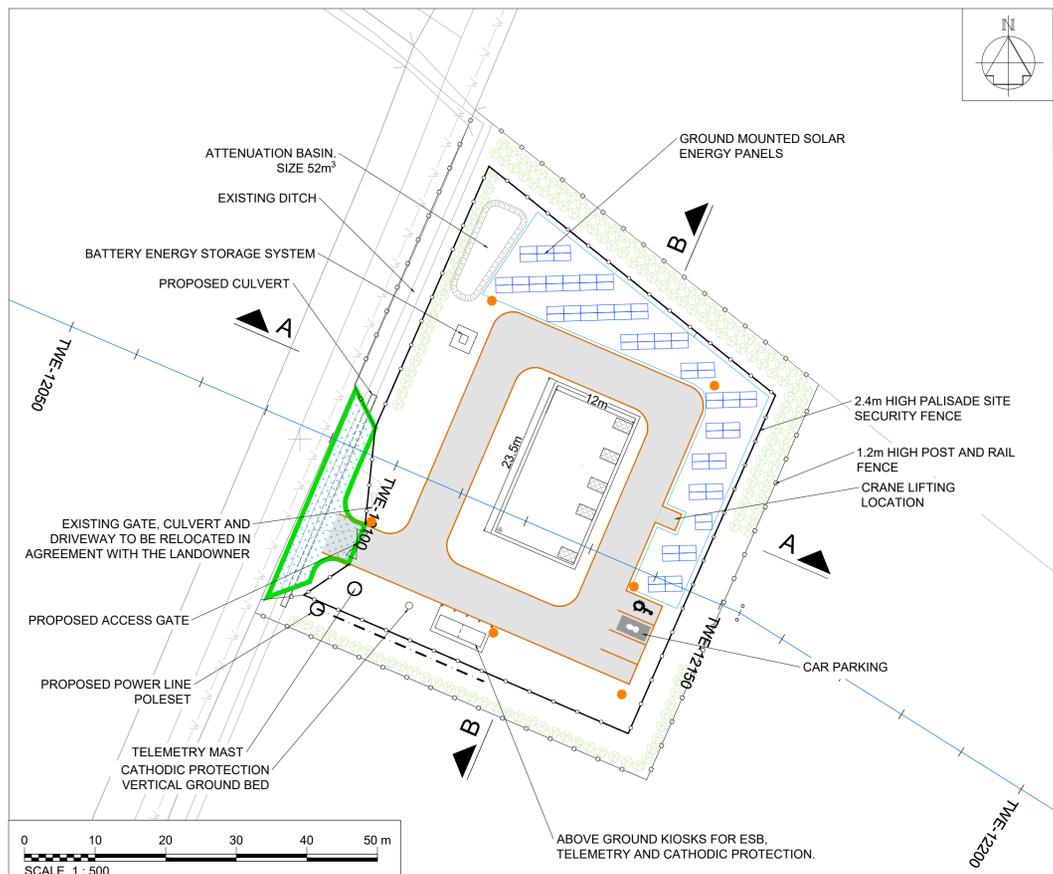
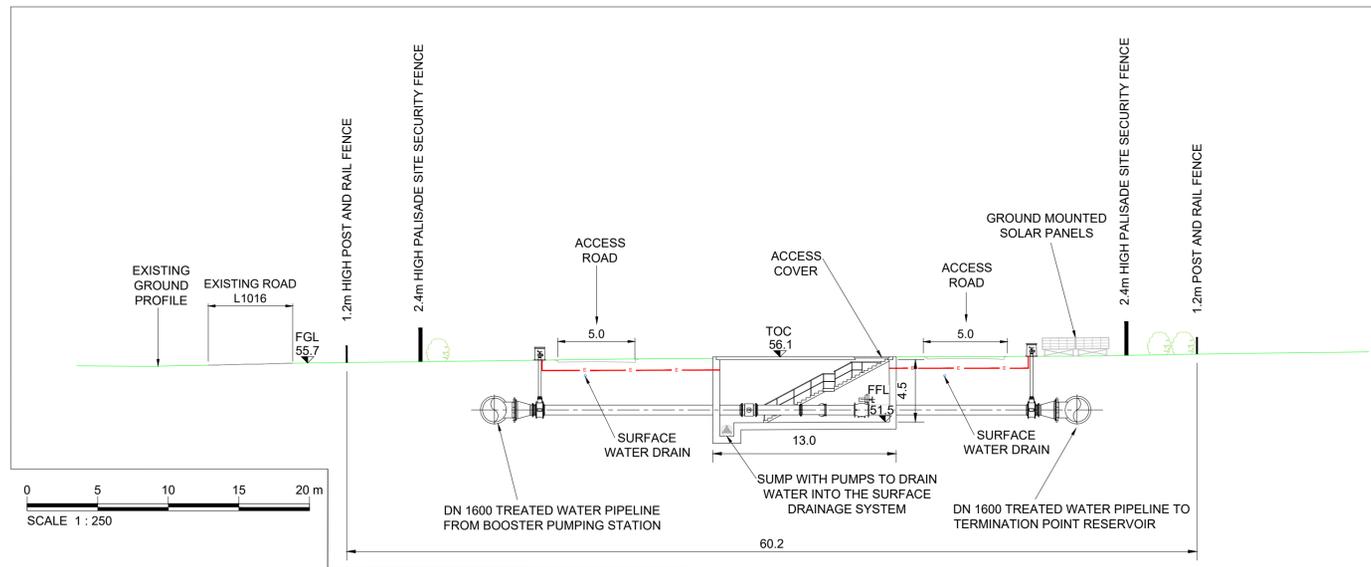


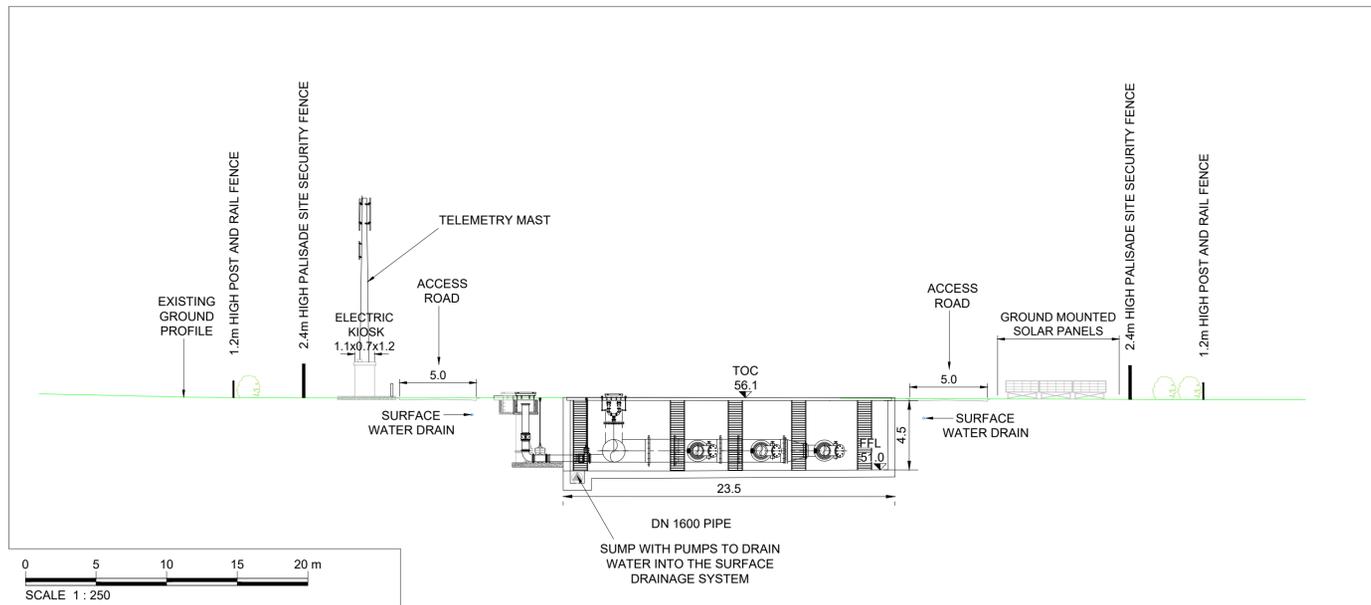
PLAN  
 SCALE 1:500 @ A1



PLAN (ABOVE GROUND)  
 SCALE 1:500 @ A1



SECTION A-A  
 SCALE 1:250 @ A1



SECTION B-B  
 SCALE 1:250 @ A1

- NOTES:**
- ALL DIMENSIONS ARE IN METRES AND ALL LEVELS ARE MAOD MALIN HEAD UNLESS OTHERWISE STATED.
  - THE PIPELINE HORIZONTAL AND VERTICAL ALIGNMENTS ARE SUBJECT TO FURTHER DESIGN DEVELOPMENT. ANY CHANGES WILL BE SUBJECT TO THE LIMITS AND CONDITIONS DETAILED IN THE PLANNING SUBMISSION.
  - THIS DRAWING IS A CONCEPT LAYOUT FOR THE PURPOSES OF THE PLANNING APPLICATION AND SHALL NOT BE CONSIDERED AS DETAILED DESIGN.
  - THE DESIGN IS BASED ON A NOMINAL 1.6M DIAMETER PIPELINE DELIVERING A MAXIMUM FLOW OF 300MLD.
  - OS BACKGROUND MAPPING ILLUSTRATES THE EXTREMITIES OF PHYSICAL BOUNDARY LINES AND NOT THE EXTENT OF SURFACED ROADS.
  - FOR CLARITY LOCAL SMALL BORE CABLE DUCTING AND DRAWPOINTS FOR TELEMETRY AND POWER HAS NOT BEEN SHOWN.
  - ALL PIPEWORK AND DUCTS ARE BURIED.
  - THE LOCATIONS AND DESIGNS OF POWER SUPPLY LINES, CABLES, DUCTS AND POLES ARE INDICATIVE AND ARE SUBJECT TO AGREEMENT WITH THE LANDOWNERS AND ESB.
  - KIOSKS TO BE AT LEAST 5M FROM OUTER WALL OF ANY BURIED STRUCTURE OR PIPEWORK.
  - THE FLOW METERS ARE TO BE IN A STRAIGHT LENGTH OF PIPE AND HAVE AT LEAST 10 DIAMETERS UPSTREAM AND 5 DIAMETERS DOWNSTREAM WITHOUT ANY BENDS OF OTHER FITTINGS.
  - LEFT TURN ONLY WHEN EGRESSING FROM SITE.

- LEGEND:**
- PLAN
- EXISTING ACCESS FROM ROAD NETWORK
  - EXISTING WATER MAIN
  - EXISTING ELECTRIC OVERHEAD POWERLINE LOW/MEDIUM VOLTAGE
  - EXISTING ELECTRIC OVERHEAD POWERLINE HIGH VOLTAGE
  - PROPOSED ELECTRIC OVERHEAD POWERLINES
  - PROPOSED POWER POLES - LINE VALVE FEED
  - PROPOSED UNDERGROUND EARTH CABLE
  - PROPOSED UNDERGROUND ELECTRICAL DUCT
  - 2.4m HIGH PALISADE SITE SECURITY FENCE
  - 1.2m HIGH POST AND RAIL FENCE
  - PROPOSED STAY WIRE
  - PROPOSED SURFACE WATER DRAINAGE
  - PROPOSED SCREENING
  - GROUND MOUNTED SOLAR PANELS
  - CCTV DROP DOWN POLE

- REFERENCE DRAWING:**
- 32105801/600/00203 LINE VALVE AND FLOW CONTROL VALVE LOCATION AND PRELIMINARY LAYOUT PLAN VALVE REF: LV-RDX109-01

Rev	Description	Drawn	Chk'd	App'd	Date
A04	DESIGN FIX 3.5	AP	SPM	SW	26.11.25
A03	DESIGN FIX 3	CP	SPM	SW	30.07.25
A02	DESIGN FIX 2	MP	SPM	SW	19.11.24
A01	DESIGN FIX 1	MP	DM	SM	07.11.23

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**Uisce Éireann**  
 Irish Water

**Tionscadal Soláthair Uisce**  
 Water Supply Project

UISCE ÉIREANN  
 COLVILLE 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
MP	MP	DM	SM

Date: 07.10.23 Date: 07.10.23 Date: 07.10.23 Date: 07.10.23

Scale: AS SHOWN DO NOT SCALE

Project Title: WATER SUPPLY PROJECT  
 EASTERN AND MIDLANDS REGION

Drawing Title: Figure 4.69  
 LINE VALVE AND FLOW CONTROL VALVE  
 PLAN AND CROSS SECTIONS

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

Drawing No. 32105801/700/06196

Fitting Schedule			
Item No.	Diameter	Material	Description
1	700Ø	DI	Actuated Butterfly Valve
2	700Ø	DI	Flow Meter
3	700Ø	DI	Strainer
4	700Ø	DI	Flow Control Valve
5	700Ø	Steel/DI	Spacer Piece
6	1600Ø	Steel	Swept Tee
7	1600Ø	Steel	Spacer Piece
8	1600Ø	Steel	1600 x 1000 Tee
9	1000Ø	Steel	90° Bend
10	1000Ø - 700Ø	Steel	1000Ø - 700Ø Taper
11	1600Ø - 1000Ø	Steel	1600Ø - 1000Ø Taper
12	700Ø	Steel	Dismantling Joint