



- Notes:**
1. ALL DIMENSIONS ARE IN METRES AND ALL LEVELS ARE IN METRES AOD MALIN HEAD UNLESS OTHERWISE STATED.
 2. THE PIPELINE HORIZONTAL ALIGNMENTS ARE SUBJECT TO FURTHER DEVELOPMENT. ANY CHANGES WILL BE SUBJECT TO THE LIMITS AND CONDITIONS DETAILED IN THE PLANNING SUBMISSION.
 3. THIS DRAWING IS FOR PLANNING PURPOSES ONLY. SEE ACCOMPANYING ENGINEERING DRAWINGS FOR FURTHER DETAIL.
 4. THE LOCATIONS OF EXISTING SERVICES ARE NOT SHOWN FOR CLARITY.
 5. THE BREAK PRESSURE TANK HAS A LEVEL SENSOR TO INDICATE WHEN EMPTYING IS REQUIRED.
 6. AN INFILTRATION RATE OF 0.005 mm/h HAS BEEN ASSUMED BASED ON SILTY CLAY LOAM.
 7. THE DESIGN IS BASED ON A NOMINAL 1600mm DIAMETER PIPELINE DELIVERING A MAXIMUM FLOW OF 300 ML/D.
 8. THE PROPOSED ATTENUATION BASIN HAS BEEN DESIGNED TO ACCOMMODATE 1 IN 100 YEAR STORM EVENT WITH 30% UPLIFT APPLIED TO ALLOW FOR CLIMATE CHANGE

LEGEND:

- 1600mmØ INLET PIPEWORK
- 1600mmØ OUTLET PIPEWORK
- OVERFLOW DRAINAGE PIPE
- 350mmØ SCOUR PIPE
- - - CHLORINE DOSING PIPE
- DE-CHLORINATION DOSING PIPE
- SURFACE WATER DRAINAGE
- - - SURFACE WATER FILTER DRAIN
- 2.4M HIGH PALISADE SITE SECURITY FENCE
- 1.2m HIGH POST AND RAIL FENCE
- - - ESB NETWORK CABLES AND ACCESS CHAMBERS
- PLANNING APPLICATION BOUNDARY
- SERVICE PIPE
- EXISTING SCRUBBLAND RETAINED
- EXISTING SCRUBBLAND REMOVED
- EXISTING TREES RETAINED
- EXISTING TREES REMOVED
- PROPOSED TREES
- SOLAR PANELS
- EXISTING OVERHEAD POWERLINE, LOW/MEDIUM VOLTAGE
- - - INDICATIVE ESBN LINE DIVERSION
- CCTV DROP DOWN POLE

A10	DESIGN FIX 3.5	PC	SPM	SW	25.11.25
A09	DESIGN FIX 3	PC	SPM	SW	30.07.25
A08	DESIGN FIX 2	MP	SPM	SW	29.11.24
A07	DESIGN FIX 1	MP	SPM	SW	19.10.23
A06	CLIENT REVIEW	MP	MON	SW	21.12.22
A05	CLIENT REVIEW	DG	BC	SW	12.08.22
A04	CLIENT REVIEW	MK	BC	COYK	25.10.21
A03	CLIENT REVIEW	TO	BC	COYK	20.07.21
A02	CLIENT REVIEW	JB	BC	COYK	01.07.21
A01	CLIENT REVIEW	NVS	DS	COYK	18.12.20
0D	ISSUED FOR APPROVAL	PC	DS	DS	25.06.19
0C	ISSUED FOR APPROVAL	PC	DS	DS	22.05.19
0B	ISSUED FOR APPROVAL	DM	MS	DS	22.11.17
0A	ISSUED FOR APPROVAL	DM	MS	DS	04.10.17

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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

Original By DM	Drawn By DM	Checked By MS	Approved By DS
Date 19.07.19	Date 19.07.19	Date 04.10.17	Date 04.10.17

Scale: 1:500 @ A1 **DO NOT SCALE**

Project Title
**WATER SUPPLY PROJECT
EASTERN AND MIDLANDS REGION**

Drawing Title
**Figure 4.66
BREAK PRESSURE TANK SITE LAYOUT**

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

Drawing No.
32105801-700-06042

Reference drawings:

- 32105801-600-01000 - Break Pressure Tank Site Layout
- 32105801-BPT-1200 - Break Pressure Tank Cross Sections Sheet 01
- 32105801-BPT-1300 - Break Pressure Tank Cross Sections Sheet 02
- 32105801-BPT-1301 - Break Pressure Tank Cross Sections Sheet 03
- 32105801-BPT-1400 - Access Road
- 32105801-BPT-1500 - Access Road Vehicle Tracking
- 32105801-BPT-1700 - Break Pressure Tank Control Building Layout
- 32105801-600-00751 - Break Pressure Tank Building Elevation
- 32105801-600-00755 - Break Pressure Tank Site Location Plan

0 10 20 30 40 50 m
SCALE 1 : 500