



# BALLINA AND LOUGH TALT WSZ UPGRADE PRE PLANNING PACK



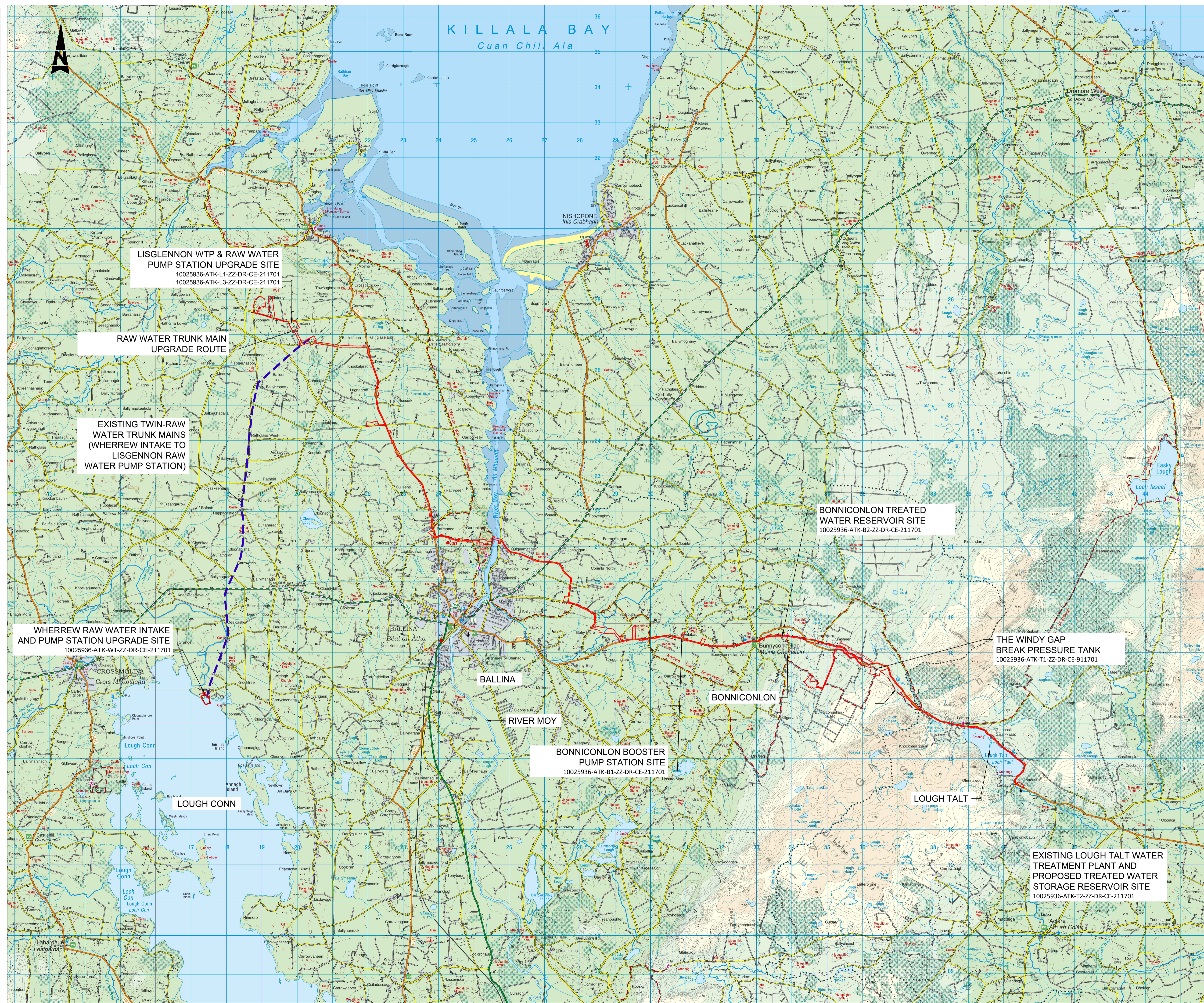
# BALLINA AND LOUGH TALT WSZ UPGRADE

## PRE PLANNING PACK

### DRAWING LIST

10025936-ATK-ZZ-ZZ-DR-CE-211701	PROJECT OVERVIEW LOCATION MAP
10025936-ATK-W1-ZZ-DR-CE-211701	WHERREW PUMPING STATION - SITE LOCATION
10025936-ATK-W1-ZZ-DR-CE-211720	WHERREW PUMPING STATION - PROPOSED SITE LAYOUT
10025936-ATK-ZZ-ZZ-DR-CE-211702	LISGLENNON RWTP & WTP COMBINED - SITE LOCATION
10025936-ATK-L1-ZZ-DR-CE-211710	LISGLENNON RWPS SITE - EXISTING SITE LAYOUT
10025936-ATK-L3-ZZ-DR-CE-211720	LISGLENNON WTP UPGRADE - PROPOSED SITE LAYOUT
10025936-ATK-LT-ZZ-DR-CE-211701	LISGLENNON TO LOUGH TALT TRUCK MAIN - SITE LOCATION
10025936-ATK-B1-ZZ-DR-CE-211701	BONNICONLON WPS SITE - SITE LOCATION PLAN
10025936-ATK-B1-ZZ-DR-CE-211720	BONNICONLON WPS SITE - PROPOSED SITE LAYOUT
10025936-ATK-B2-ZZ-DR-CE-211701	BONNICONLON TREATED WATER RESERVOIR SITE - SITE LOCATION PLAN
10025936-ATK-B2-ZZ-DR-CE-211720	BONNICONLON TREATED WATER RESERVOIR SITE - PROPOSED SITE LAYOUT
10025936-ATK-T1-ZZ-DR-CE-211701	THE WINDY GAP BREAK PRESSURE TANK - SITE LOCATION
10025936-ATK-T1-ZZ-DR-CE-211720	THE WINDY GAP BREAK PRESSURE TANK - PROPOSED SITE LAYOUT
10025936-ATK-T2-ZZ-DR-CE-211701	LOUGH TALT WTP - SITE LOCATION
10025936-ATK-T2-ZZ-DR-CE-211721	LOUGH TALT WTP - PROPOSED REVISED SITE LAYOUT

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Millimetres

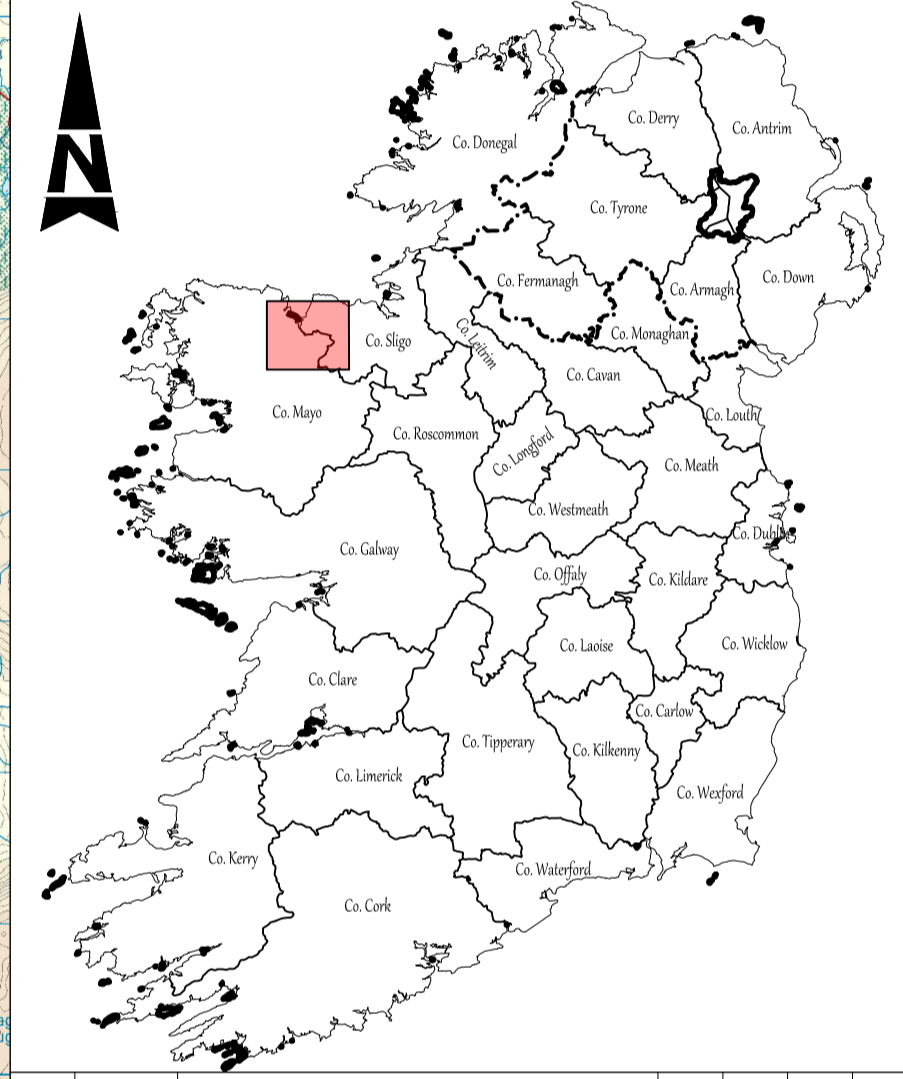


GENERAL NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE
2. ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS
3. ALL LEVELS ARE IN METRES AND ARE TO MALIN HEAD DATUM
4. ALL COORDINATES ARE IN METRES AND ARE TO IRISH TRANSVERSE MERCATOR
5. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION

LEGEND:

- PROJECT SITE BOUNDARY  
AREA = 1:24.4 Hk
- EXISTING RAW WATERMAIN



P01	04.04.25	PRE PLANNING	AMQ	MMcE	MN	NR
Rev.	Date	Description	By	Rev'd	Ch'd	App'd
Drawing Suitability						Status
REVIEW COMMENT						S3



DUBLIN | CORK | GALWAY | DUNDALK  
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 SWORDS, DUBLIN, K67 KSW4.  
 Tel : +353 1 810 8000 Email : info.ie@atkinsrealis.com



Project Title  
**BALLINA AND LOUGH TALT WSZ UPGRADE**

Drawing Title  
**PROJECT OVERVIEW LOCATION MAP**

Scale	AS SHOWN	Drawn	AMQ	Checked	MMcE	Reviewed	MMcE	Authorised	NR
Original Size	A1	Date	04.04.25	Date	04.04.25	Date	04.04.25	Date	04.04.25
Drawing Number	10025936-ATK-ZZ-DR-CE-211701								P01

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Millimetres



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  4. ALL COORDINATES ARE IN METRES AND ARE TO IRISH TRANSVERSE MERCATOR
  5. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION

- LEGEND:**
- PROPOSED SITE BOUNDARY  
OVERALL PROJECT AREA: 152.21 Ha.
  - LOCATION
  - 1384  
E:  
N: ● GRID REFERENCE LOCATION
  - + EXISTING SPOT HEIGHT
  - PROPOSED SPOT HEIGHT

Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P02	04.04.25	PRE PLANNING	PN	MT	MMcE	NR
P01	26.01.25	Preliminary Drawing	PN	MT	MMcE	NR

Drawing Suitability: **REVIEW COMMENT** Status: **S3**

**AtkinsRéalis**  
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Project Title: **BALLINA AND LOUGH TALT WSZ UPGRADE**

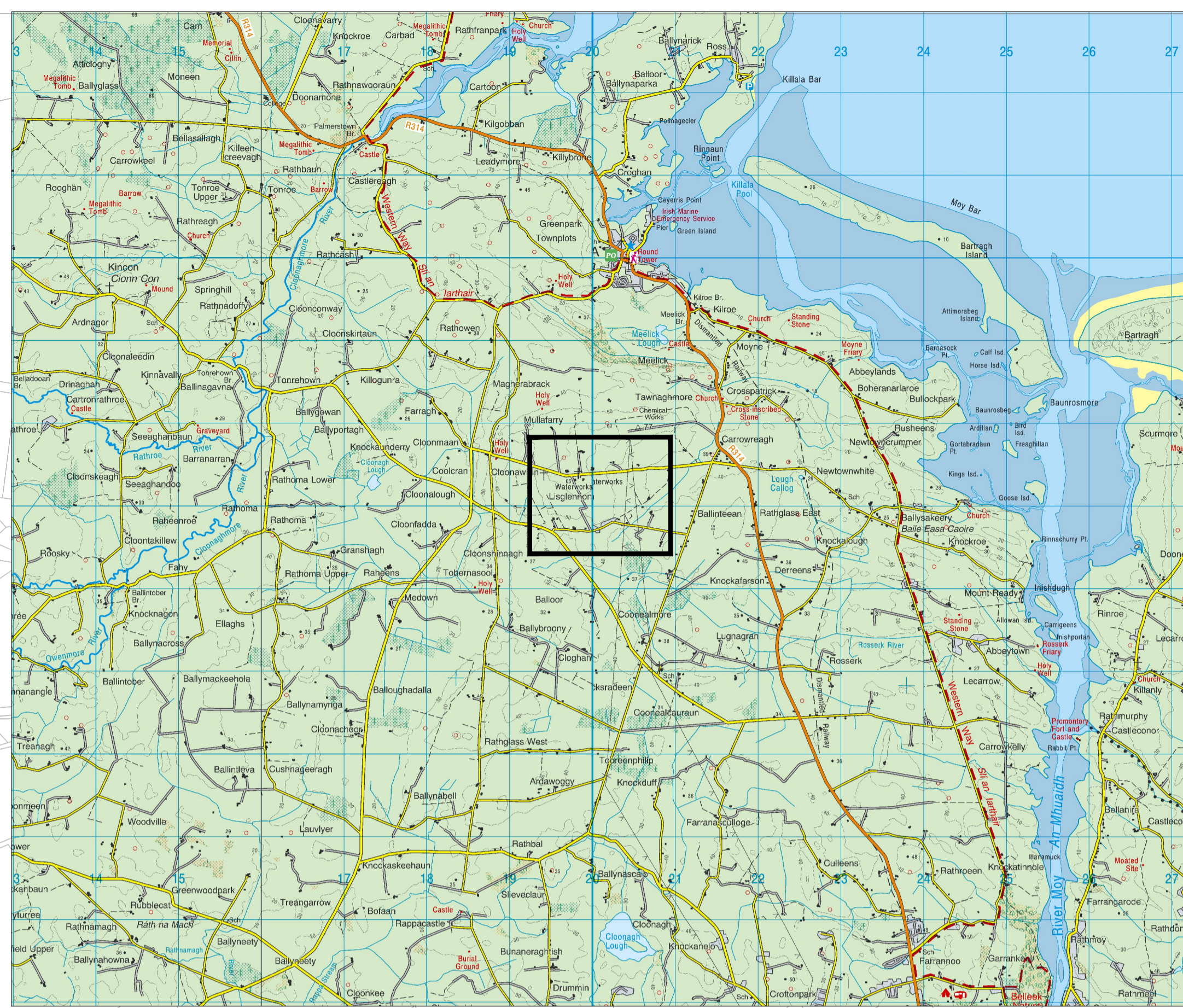
Drawing Title: **WHERREW PUMPING STATION PROPOSED SITE LAYOUT**

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	PN	MG	NR	NR
Original Size	Date	Date	Date	Date
A1	26/01/2025	26/01/2025	26/01/2025	26/01/2025
Drawing Number				Revision
10025936-ATK-W1-ZZ-DR-CE-211720				P02

1 **SITE LAYOUT**  
1 : 500

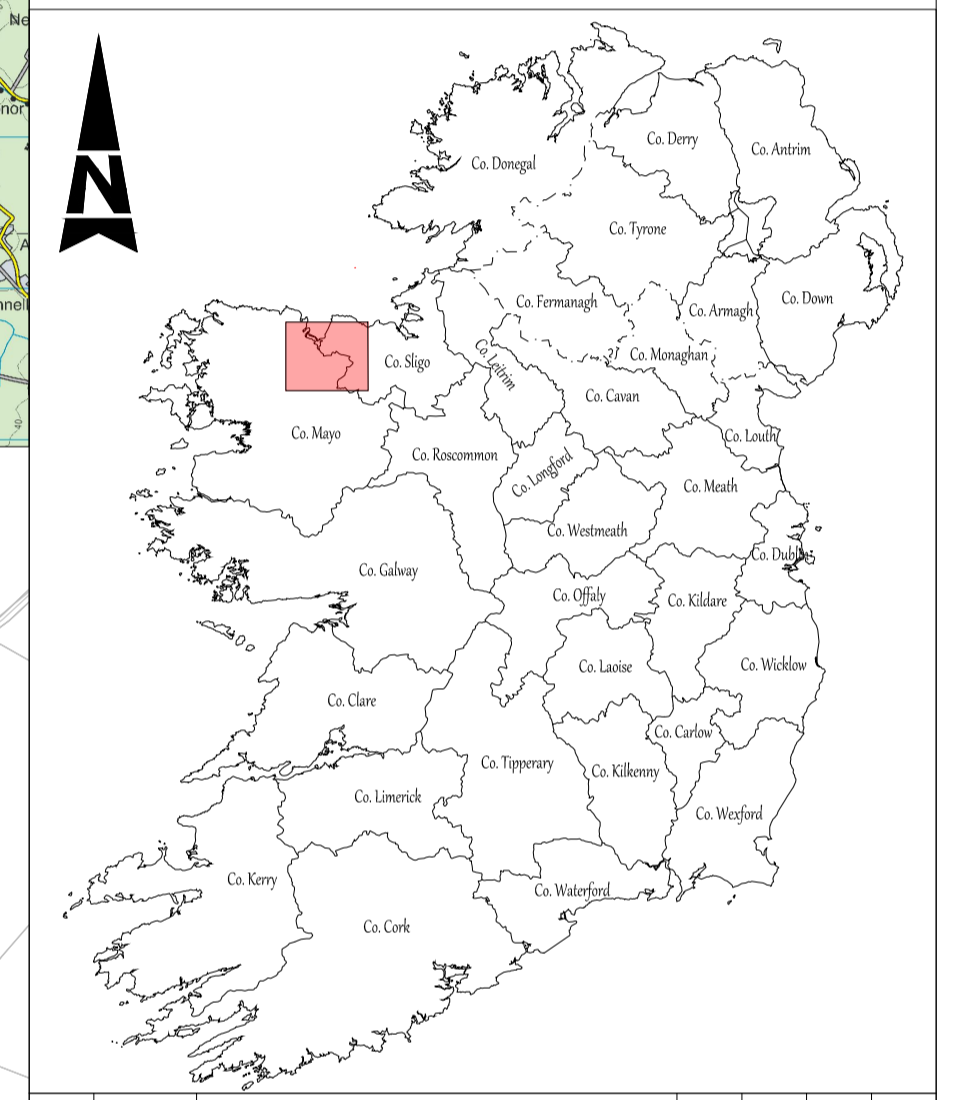
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Work in Progress 16/04/2025 08:56:54  
Atkins Project Number: 10025936



- GENERAL NOTES**
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- LEGEND:**
- PROPOSED SITE BOUNDARY
  - OVERALL PROJECT AREA: 132.44 Ha.
  - GRID REFERENCE LOCATION
  - WTP LOCATION
  - OSI TILE GRID REFERENCE LOCATION




P01	04.04.24	PRE PLANNING	AMQ	MMcE	MT	NR
Rev.	Date	Description	By	Rev'd	Ch'd	App'd

Drawing Suitability	Status
REVIEW COMMENT	S3

**AtkinsRéalis**  
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 Tel : +353 1 810 8000      Email : info.ie@atkinsrealis.com



Project Title  
**BALLINA AND LOUGH TALT WSZ UPGRADE**

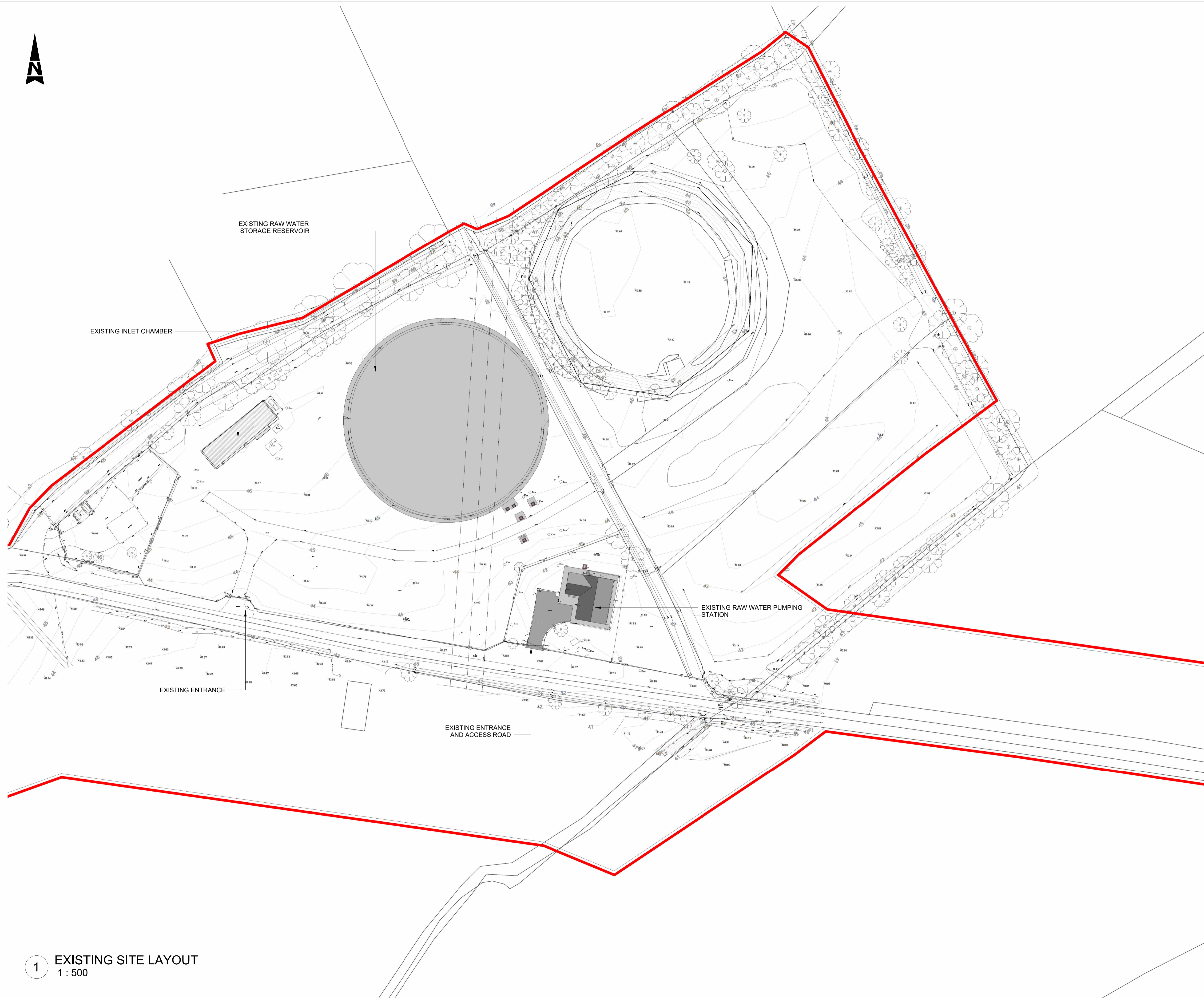
Drawing Title  
**LISGLENNON RWPS & WTP COMBINED SITE LOCATION**

Scale	AS SHOWN	Drawn	Checked	Reviewed	Authorised
Original Size	A1	Date	Date	Date	Date
		04.04.24	04.04.24	04.04.24	04.04.24

Drawing Number	Revision
10025936-ATK-ZZ-ZZ-DR-CE-211702	P01

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Millimetres



- GENERAL NOTES**
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  5. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION

- LEGEND:**
- PROPOSED SITE BOUNDARY  
OVERALL PROJECT AREA: 132.44 Ha.
  - GRID REFERENCE LOCATION
  - OSI TILE GRID REFERENCE LOCATION
  - EXISTING SPOT HEIGHT

Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P01	04.04.25	PRE PLANNING	AMQ	MG	MMcE	NR

**REVIEW COMMENT** **S3**

**AtkinsRéalis**  
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Project Title  
**BALLINA AND LOUGH TALT WSZ UPGRADE**

Drawing Title  
**LISGLENNON RWPS SITE EXISTING SITE LAYOUT**

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AMQ	AM	MMcE	NR
Original Size	Date	Date	Date	Date
A1	04.04.25	04.04.25	04.04.25	04.04.25
Drawing Number	Revision			
10025936-ATK-L1-ZZ-DR-CE-211710	P01			

**1 EXISTING SITE LAYOUT**  
1 : 500

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Work in-Progress 16/04/2025 10:57:38  
Atkins Project Number: 10025936

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Millimetres



- NEW INFRASTRUCTURE**
- A EXISTING FLOCCULATION TANK
  - B PROPOSED FLOCCULATION TANKS
  - C PROPOSED CLARIFIER TANKS
  - D PROPOSED FILTRATION
  - E CLEAN BACKWASH TANK
  - F PUMPSTATION & UV BUILDING
  - G CONTACT TANK / RESERVOIR
  - H USED WASH WATER EQUALISATION TANK
  - I USED WASH WATER SETTLEMENT TANK
  - J SLUDGE PUMPSTATION
  - K SLUDGE BLENDING TANK
  - L PICKET FENCE THICKENER
  - M SLUDGE HOLDING TANK
  - N SLUDGE HOLDING TANK
  - O FILTRATE AND SUPERNATANT RETURN PS(INSIDE EXISTING DEWATERING BUILDING)
  - P CHEMICAL STORAGE - ALUM
  - Q CHEMICAL STORAGE - SULPHURIC ACID
  - R CHEMICAL STORAGE - CHLORINE
  - S CHLORINE CONTACT TANK
  - T PROPOSED SOAD ASH DOSING BUILDING
  - U PROPOSED WASHWATER STORAGE TANK
  - V PROPOSED DEWATERING BUILDING
  - W ESB MV SUBSTATION
  - X GAC FILTERS

- GENERAL NOTES**
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  3. ALL LEVELS ARE IN METRES AND ARE TO MALIN HEAD DATUM
  4. ALL COORDINATES ARE IN METRES AND ARE TO IRISH TRANSVERSE MERCATOR
  5. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION

- LEGEND:**
- PROPOSED SITE BOUNDARY
  - OVERALL PROJECT AREA- 132.44 Ha.
  - LOCATION
  - OSI TILE GRID REFERENCE LOCATION
  - 1180,1181
  - GRID REFERENCE LOCATION
  - EXISTING SPOT HEIGHT
  - PROPOSED SPOT HEIGHT

NOTE:  
NEW WORKS SHOWN IN GREEN

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1 PROPOSED SITE LAYOUT  
1 : 500

P01	04.04.25	PRE PLANNING	AMQ	MT	MMcE	NR
Rev.	Date	Description	By	Rev'd	Chk'd	App'd

Drawing Suitability: **REVIEW COMMENT** Status: **S3**

**AtkinsRéal**  
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Tel : +353 1 810 8000 Email : info.ie@atkinsrealis.com

**Uisce Éireann**  
Irish Water

Project Title  
**BALLINA AND LOUGH TALT WSZ UPGRADE**

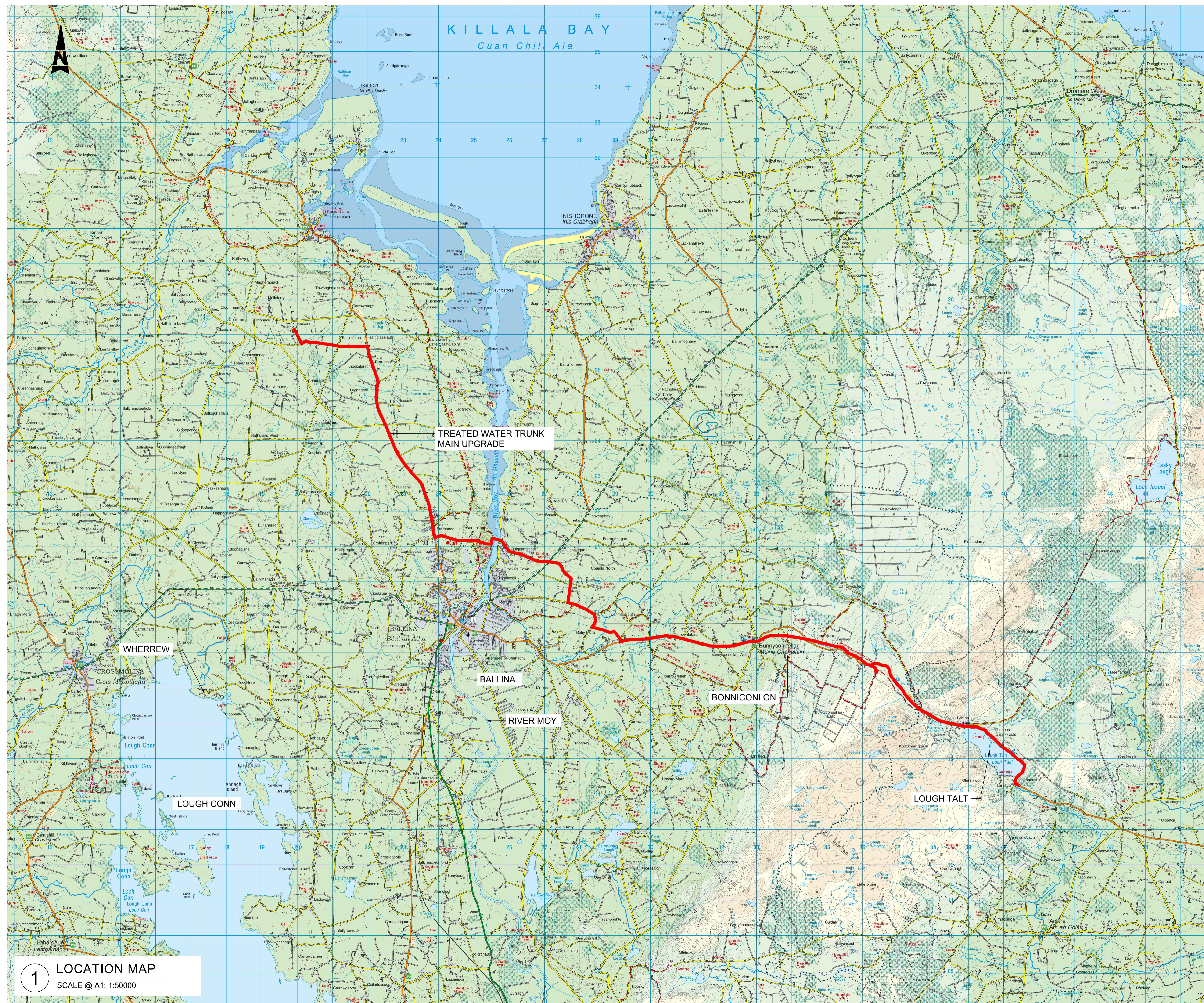
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**LISGLENNON WTP UPGRADE PROPOSED SITE LAYOUT**

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AMQ	MT	MMcE	NR
Original Size	Date	Date	Date	Date
A1	04.04.25	04.04.25	04.04.25	04.04.25
Drawing Number	Revision			
10025936-ATK-L3-ZZ-DR-CE-211720	P01			

CLASSIFICATION - AtkinsRéal Base Line (Low Risk)

Work in Progress 16/04/2025 10:01:47  
Atkins Project Number: 10025936

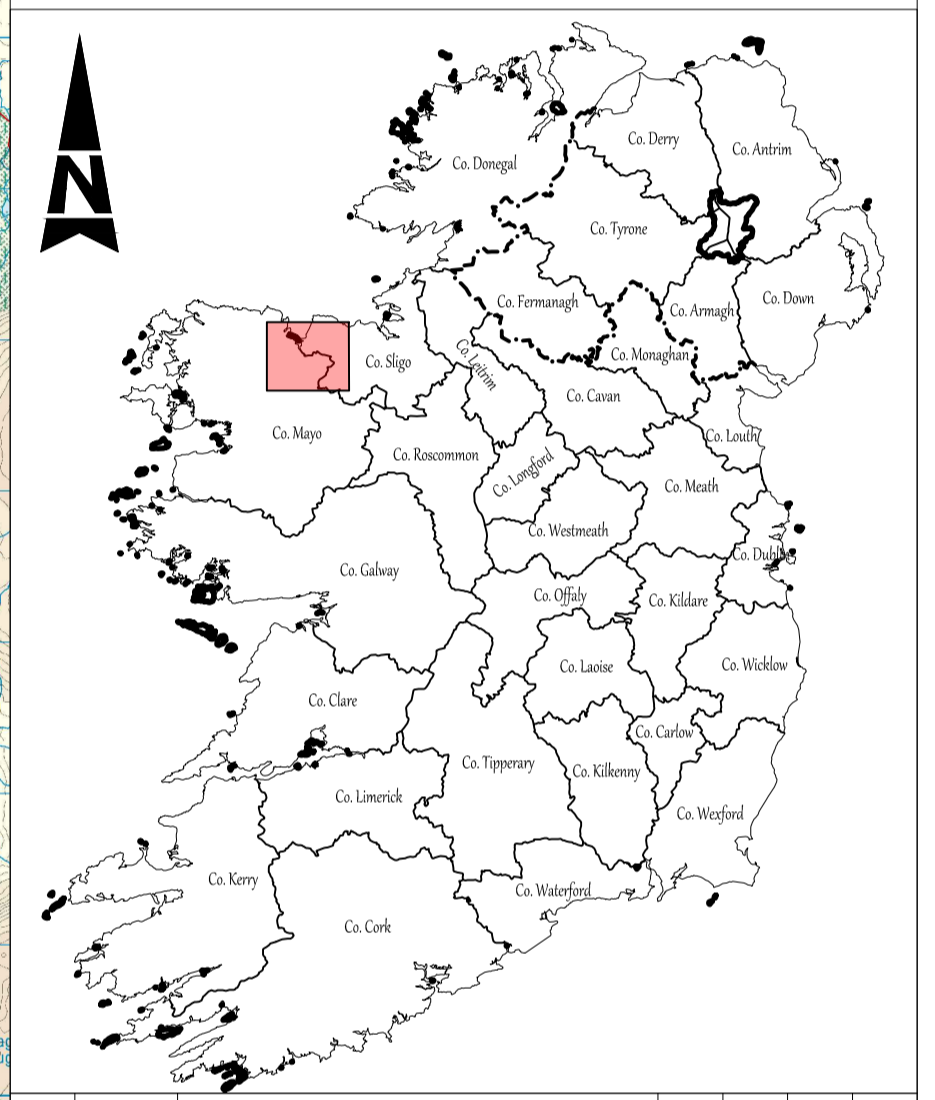
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**LEGEND:**

— LISGLENNON TO LOUGH TALT TRUNK MAIN



P01	04.04.24	PRE PLANNING	AMQ	MMcE	MN	NR
Rev.	Date	Description	By	Revis	Chgd	Apprd
Drawing Suitability						Status
REVIEW COMMENT						S3

**AtkinsRéalis**  
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 ATKINS HOUSE, 150 AIRSIDE BUSINESS PARK,  
 SWORDS, DUBLIN, K67 KSW4.  
 Tel : +353 1 810 8000 Email : info.ie@atkinsrealis.com



Project Title  
**BALLINA AND LOUGH TALT WSZ UPGRADE**

Drawing Title  
**LISGLENNON TO LOUGH TALT TRUNK MAIN LOCATION MAP**

Scale	AS SHOWN	Drawn	Checked	Reviewed	Authorised
Original Size	A1	Date	Date	Date	Date
Drawing Number	10025936-ATK-LT-ZZ-DR-CE-211701	Date	04.04.24	04.04.24	04.04.24
Revision	P01	Date			

**1 LOCATION MAP**  
 SCALE @ A1: 1:50000

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Internal Project Number: 10009328

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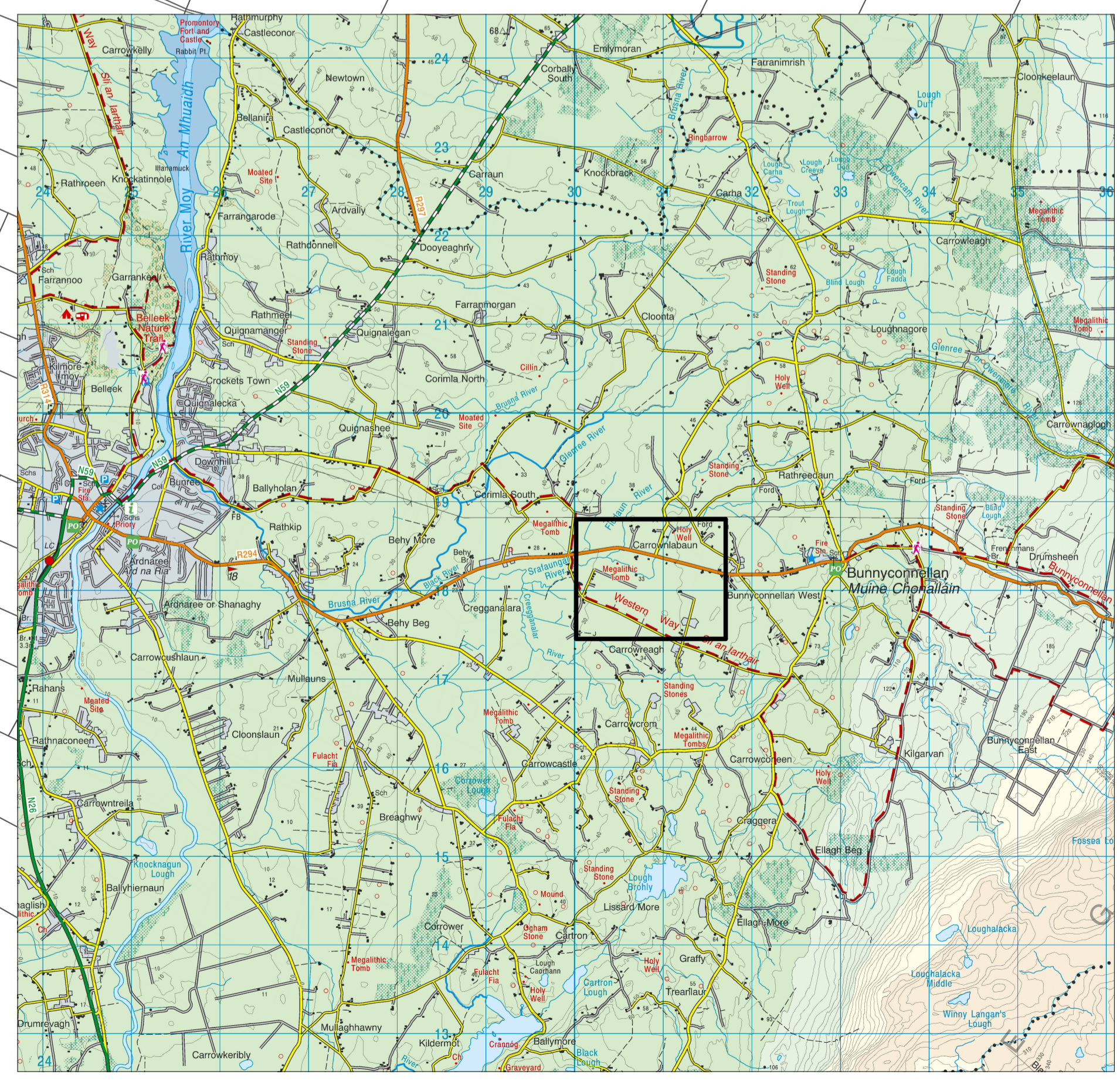
10025936-ATK-B1-ZZ-DR-CE-211720

PROPOSED BONNICONLON RWPS

E: 530848.722  
N: 818415.787

- GENERAL NOTES**
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- LEGEND:**
- SITE LOCATION
  - OVERALL PROJECT AREA: 132.44 Ha.
  - ⊕ E: GRID REFERENCE LOCATION
  - ⊙ N: PUMP STATION LOCATION
  - 1387 OSI TILE GRID REFERENCE LOCATION



1 SITE LOCATION  
1 : 2500

2 SITE LOCATION  
1 : 50000

Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P01	04.04.25	PRE PLANNING	AMCQ	AM	MMCE	NR

STATUS: **S3**

**AtkinsRéalis**  
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 ATKINS HOUSE, 150 AIRSIDE BUSINESS PARK,  
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 Tel : +353 1 810 8000 Email : info.ie@atkinsrealis.com



Project Title  
**BALLINA AND LOUGH TALT WSZ UPGRADE**

Drawing Title  
**BONNICONLON WPS SITE LOCATION PLAN**

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AMQ	AM	MMcE	NR
Original Size	Date	Date	Date	Date
A1	04.04.25	04.04.25	04.04.25	04.04.25
Drawing Number	Revision			
10025936-ATK-B1-ZZ-DR-CE-211701	P01			

CLASSIFICATION - AtkinsRéalis Base Line (Low Risk)

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Work in-Progress 16/04/2025 10:45:49  
Atkins Project Number: 10025936



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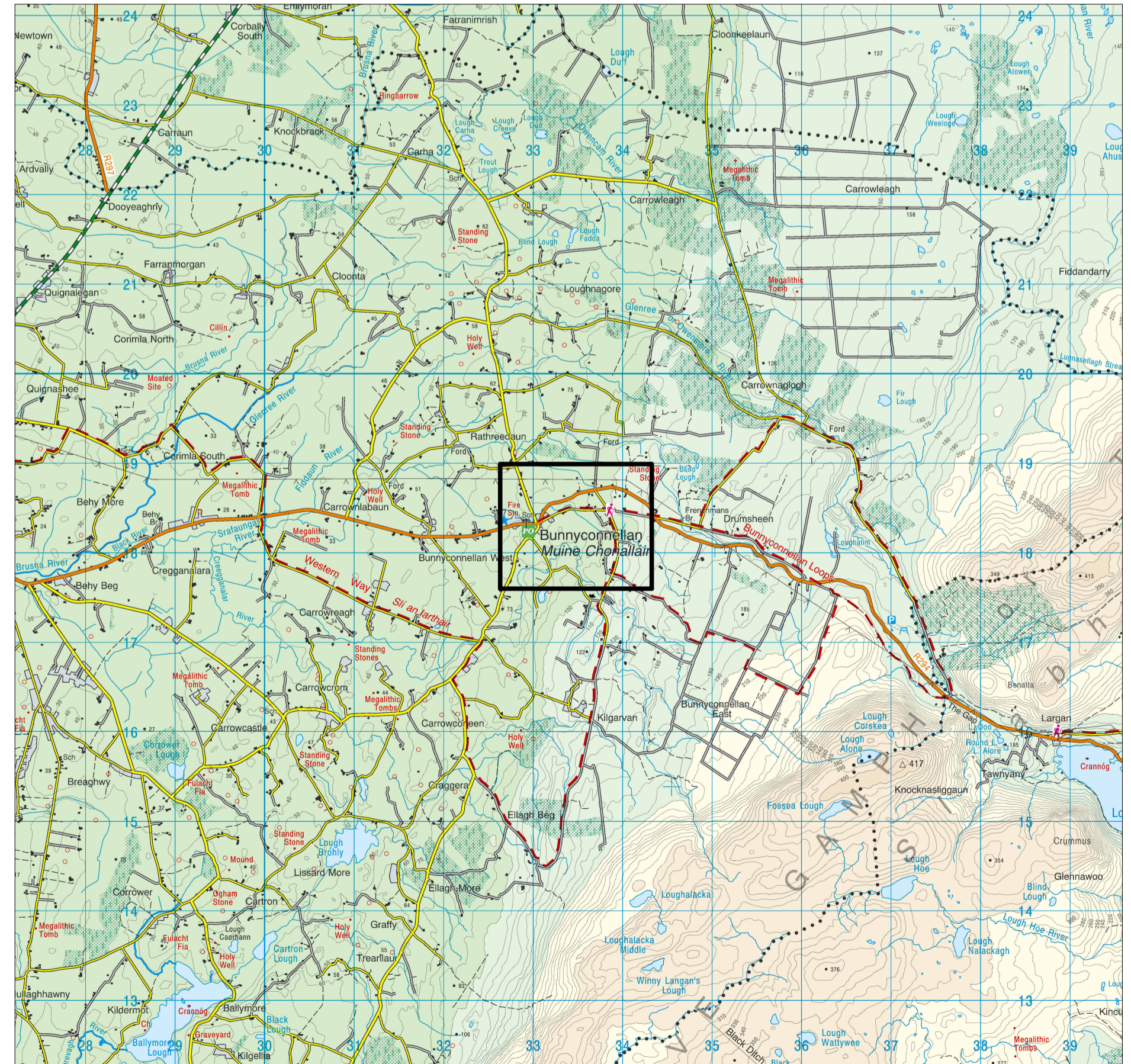
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- LEGEND:**
- SITE LOCATION
  - OVERALL PROJECT AREA: 132.44 Ha.
  - ⊙ GRID REFERENCE LOCATION
  - ⊙ PUMP STATION LOCATION
  - 1388 OSI TILE GRID REFERENCE LOCATION



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1 SITE LOCATION  
1 : 2500



2 SITE LOCATION  
1 : 50000

Rev.	Date	Description	By	Rev'd	Chk'd	App'd	Status
P01	04.04.25	PRE PLANNING	PN	MN	MMCE	NR	

**PROJECT PLANNING** **A2**

**AtkinsRéal**  
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 ATKINS HOUSE, 150 AIRSIDE BUSINESS PARK,  
 SWORDS, DUBLIN, K67 K5W4.  
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Project Title  
**BALLINA AND LOUGH TALT WSZ UPGRADE**

Drawing Title  
**BONNICONLON TREATED WATER RESERVOIR - SITE LOCATION**

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	PN	AMQ	MN	NR
Original Size	Date	Date	Date	Date
A1	04.04.2025	04.04.2025	04.04.2025	04.04.2025
Drawing Number	Revision			
10025936-ATK-B2-ZZ-DR-CE-211701	P01			

CLASSIFICATION - AtkinsRéal Base Line (Low Risk)

Work in Progress 16/04/2025 10:12:21  
Atkins Project Number: 10025936

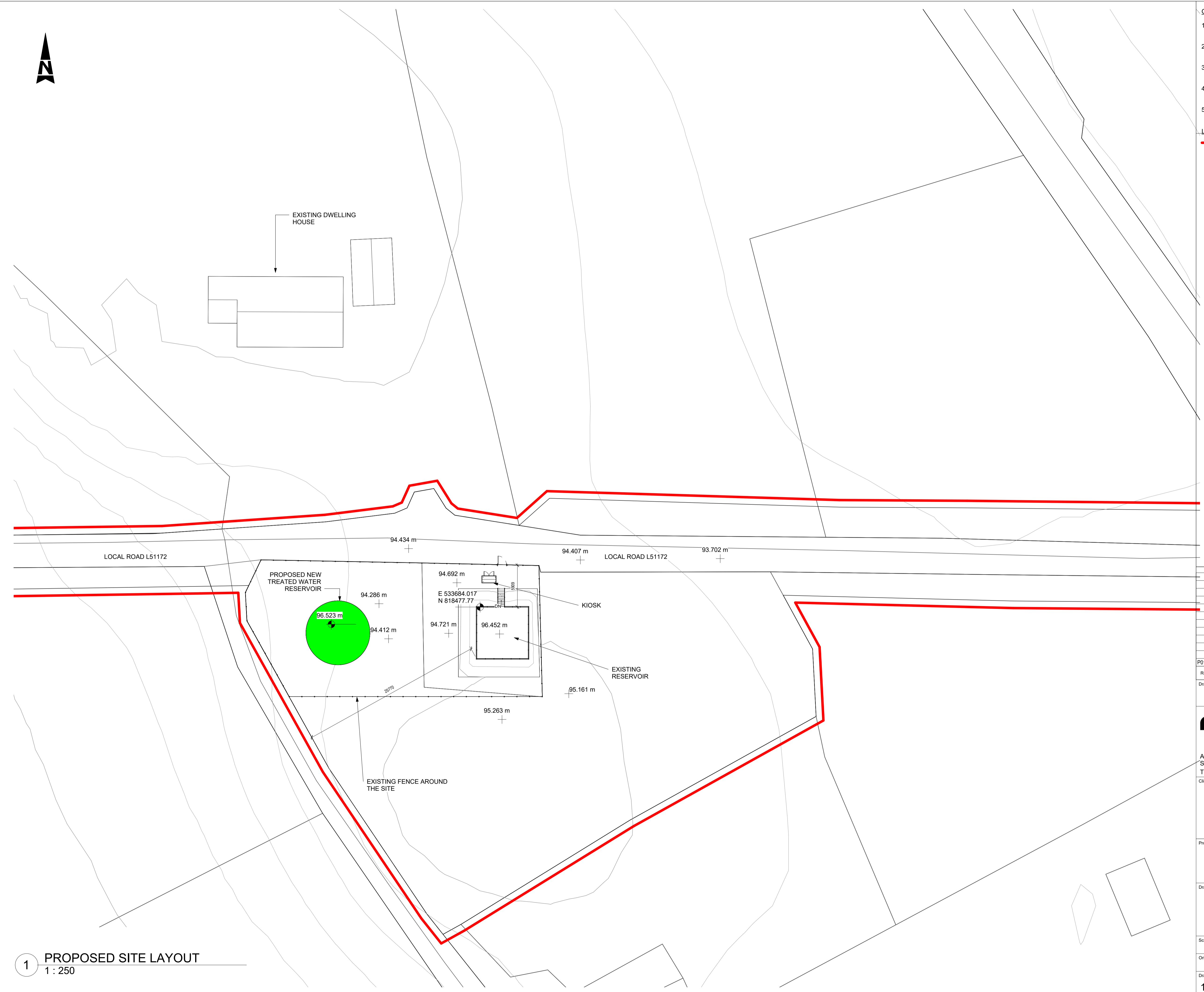
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- LEGEND:**
- PROPOSED SITE BOUNDARY
  - OVERALL PROJECT AREA: 132.44 Ha.
  - LOCATION
  - OSI TILE GRID REFERENCE LOCATION
  - GRID REFERENCE LOCATION
  - EXISTING SPOT HEIGHT
  - PROPOSED SPOT HEIGHT

**NOTE:**  
NEW WORKS SHOWN IN GREEN



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P01	04.04.25	PRE PLANNING	PN	MN	MMcE	NR

Drawing Suitability: **PROJECT PLANNING** Status: **A2**

**AtkinsRéalis**  
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Tel : +353 1 810 8000 Email : info.ie@atkinsrealis.com

**Uisce Éireann**  
Irish Water

Project Title  
**BALLINA AND LOUGH TALT WSZ UPGRADE**

Drawing Title  
**BONNICONLON TREATED WATER RESERVOIR - PROPOSED SITE LAYOUT**

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	PN	AMQ	MN	NR
Original Size	Date	Date	Date	Date
A1	04.04.2025	04.04.2025	04.04.2025	04.04.2025
Drawing Number	Revision			
10025936-ATK-B2-ZZ-DR-CE-211720	P01			

**1 PROPOSED SITE LAYOUT**  
1 : 250

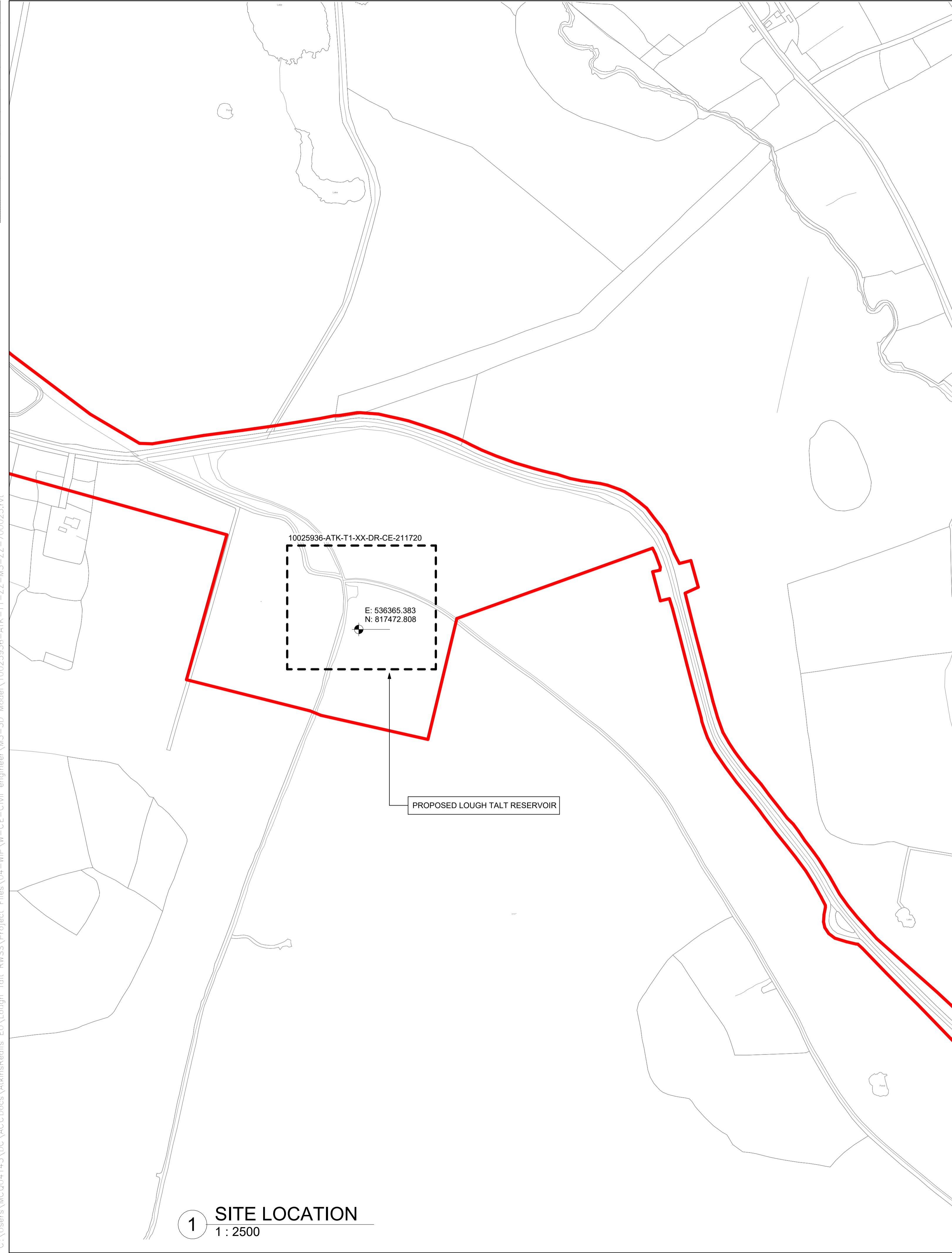
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Work in Progress 16/04/2025 10:12:21  
Atkins Project Number: 10025936

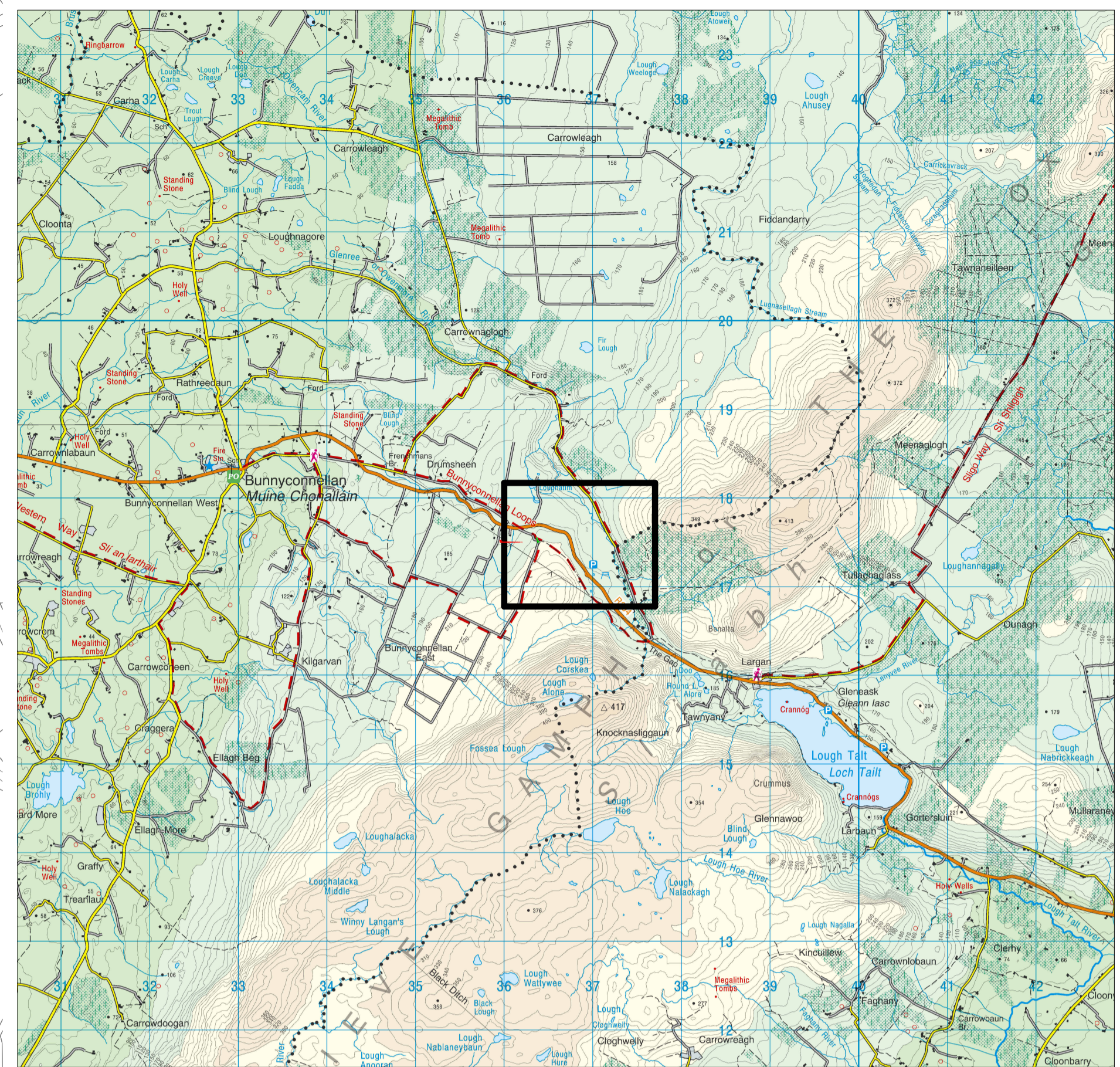
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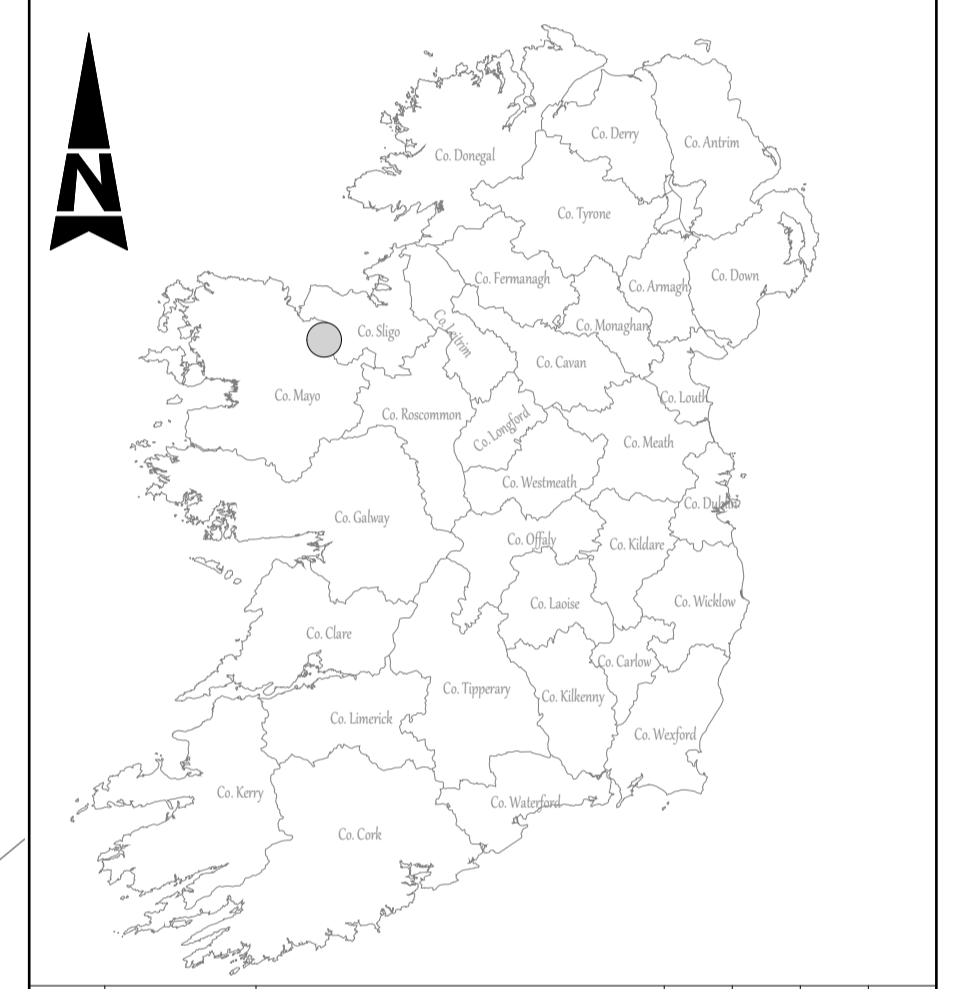
1 SITE LOCATION  
1 : 2500



2 SITE LOCATION  
1 : 50000

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- LEGEND:**
- PROPOSED SITE BOUNDARY
  - OVERALL PROJECT AREA: 132.44 Ha.
  - LOCATION
  - 1389 OSI TILE GRID REFERENCE LOCATION
  - E: N: GRID REFERENCE LOCATION



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P01	04.04.25	PRE PLANNING	AMQ	MN	MMcE	NR
Rev.	Date	Description	By	Rev'd	Chk'd	App'd

Drawing Suitability: **REVIEW COMMENT** Status: **S3**

**AtkinsRéal**  
DUBLIN | CORK | GALWAY | DUNDALK  
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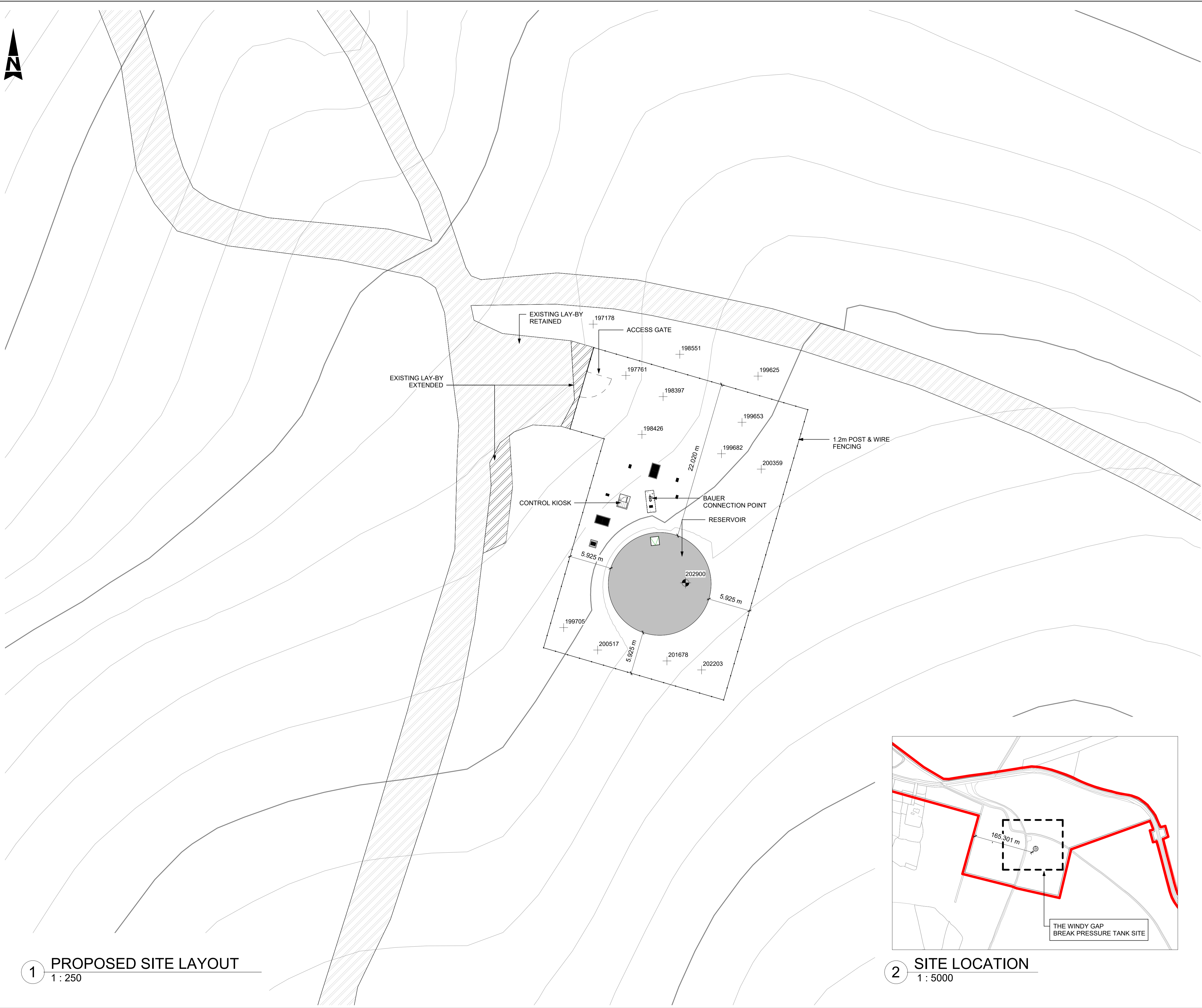
Project Title  
**BALLINA AND LOUGH TALT WSZ UPGRADE**

Drawing Title  
**THE WINDY GAP BREAK PRESSURE TANK SITE LOCATION**

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AMQ	MN	MMcE	NR
Original Size	Date	Date	Date	Date
A1	04.04.25	04.04.25	04.04.25	04.04.25
Drawing Number	Revision			
10025936-ATK-T1-ZZ-DR-CE-211701	P01			

Work in-Progress 16/04/2025 11:07:58  
Atkins Project Number: Project Number

100  
0 10  
Millimetres



- GENERAL NOTES**
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE
  2. ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS
  3. ALL LEVELS ARE IN METRES AND ARE TO MALIN HEAD DATUM
  4. ALL COORDINATES ARE IN METRES AND ARE TO IRISH TRANSVERSE MERCATOR
  5. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION

- LEGEND:**
- PROPOSED SITE BOUNDARY  
OVERALL PROJECT AREA: 132.44 Ha.
  - LOCATION
  - OSI GRID REFERENCE LOCATION
  - GRID REFERENCE LOCATION
  - EXISTING ACCESS ROAD
  - NEW ACCESS ROAD

Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P01	04.04.25	PRE PLANNING	AMQ	MN	MMcE	NR

Drawing Suitability: **PROJECT PLANNING** Status: **SO**

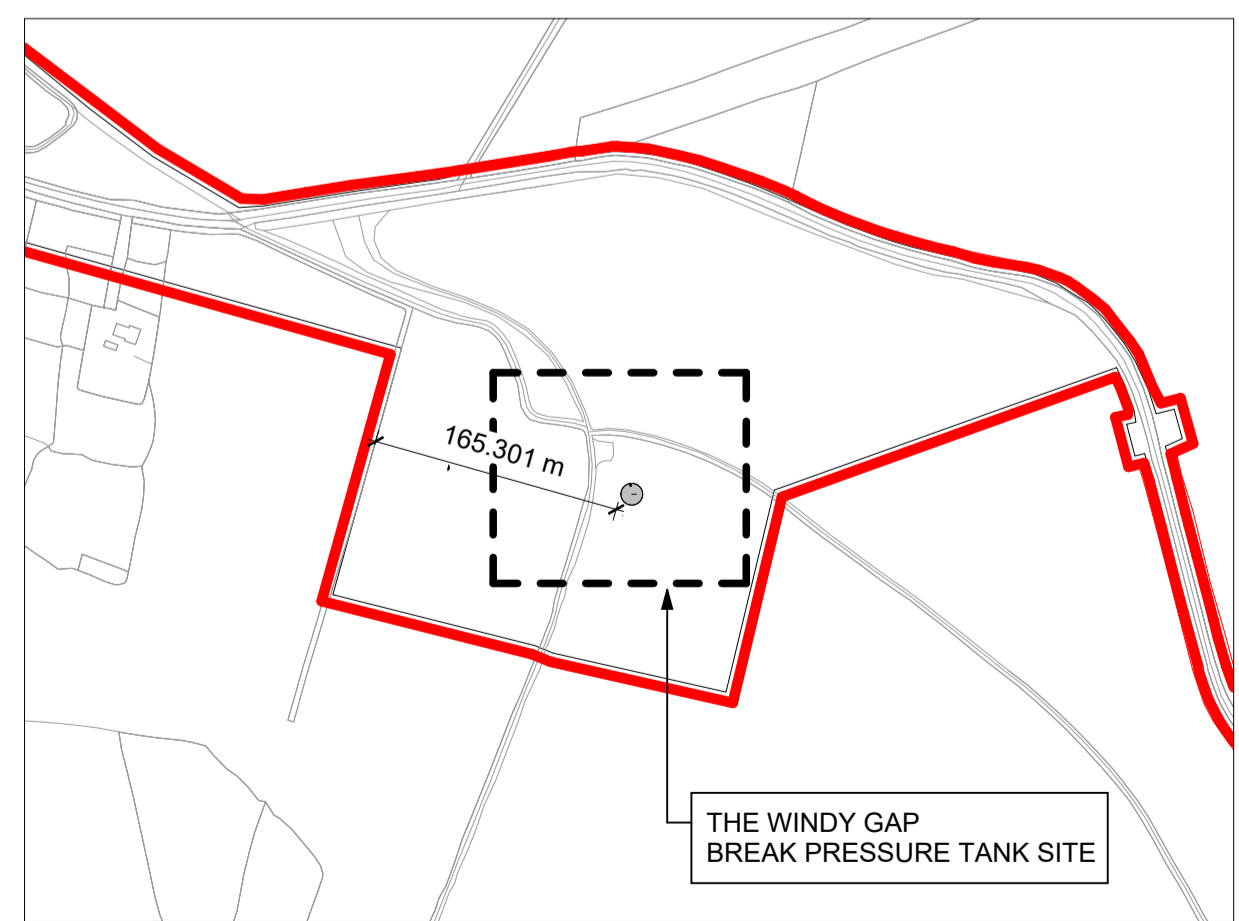
**AtkinsRéalis**  
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Project Title: **BALLINA AND LOUGH TALT WSZ UPGRADE**

Drawing Title: **THE WINDY GAP BREAK PRESSURE TANK PROPOSED SITE LAYOUT**

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AMQ	MN	MMcE	NR
Original Size	Date	Date	Date	Date
A1	04.04.25	04.04.25	04.04.25	04.04.25
Drawing Number	Revision			
10025936-ATK-T1-ZZ-DR-CE-211720	P01			



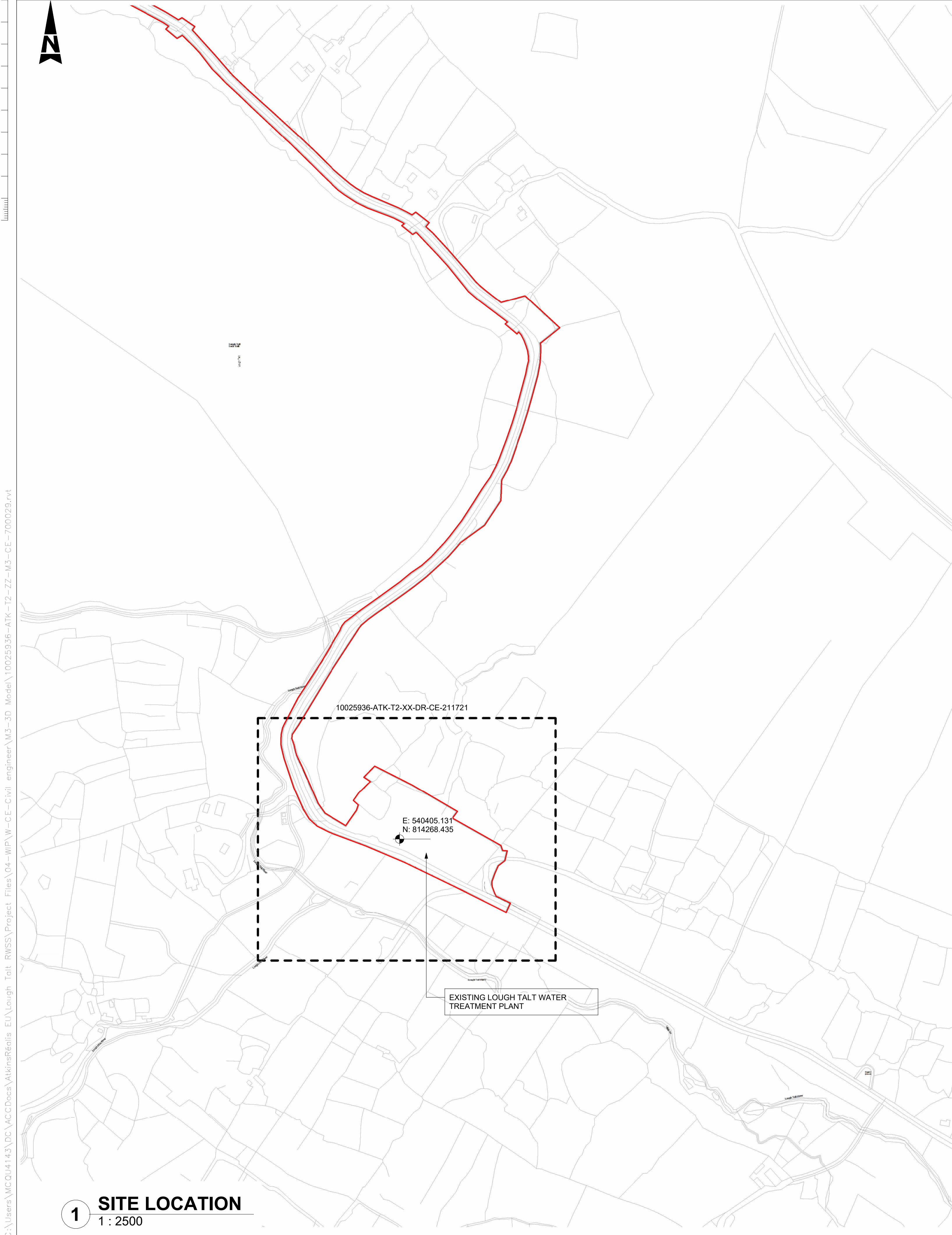
**2 SITE LOCATION**  
1 : 5000

**1 PROPOSED SITE LAYOUT**  
1 : 250

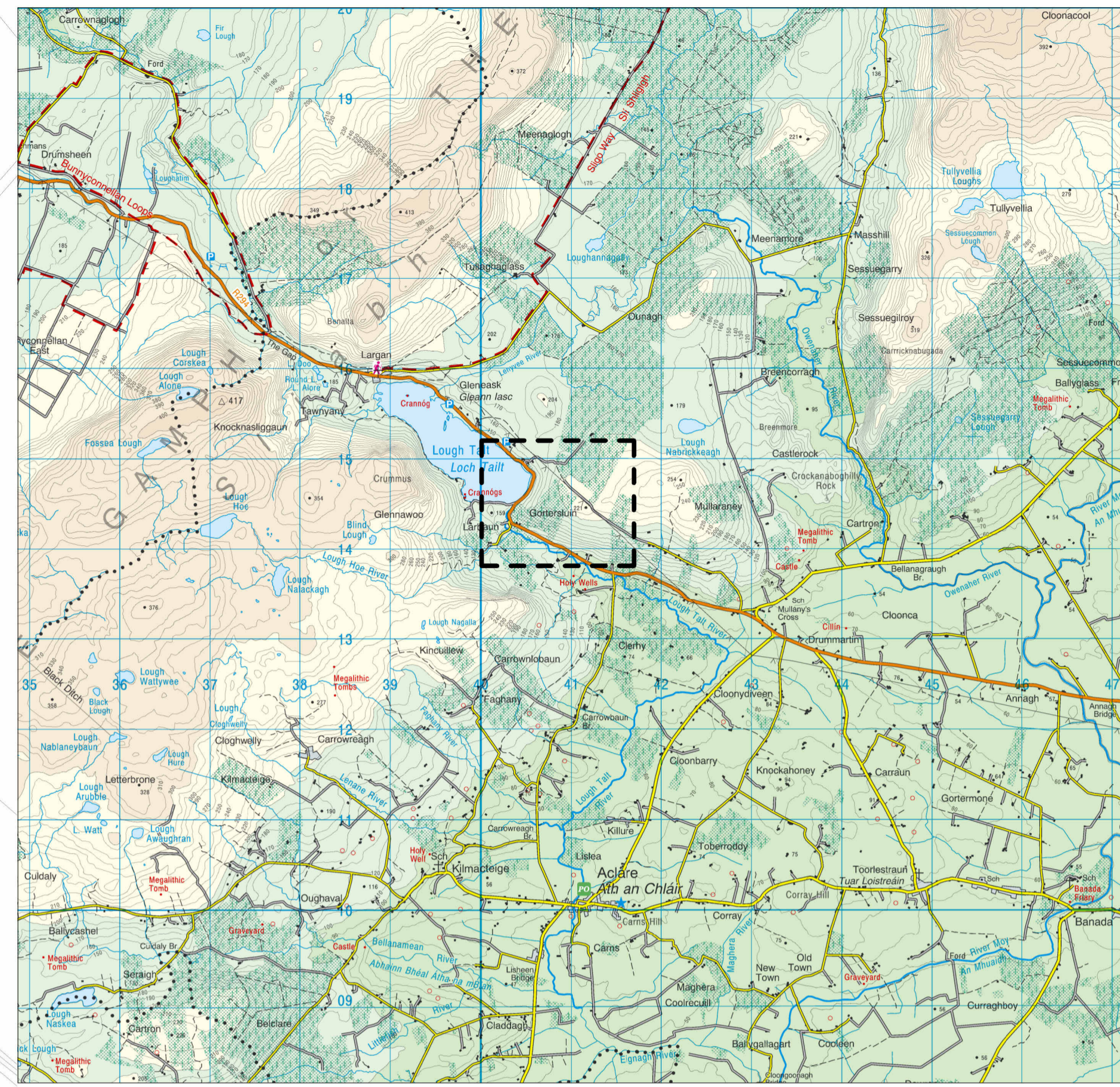
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Atkins Project Number: Project Number

100  
0 10  
Millimetres



**1 SITE LOCATION**  
1 : 2500



**3 SITE LOCATION**  
1 : 50000

- GENERAL NOTES**
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- LEGEND:**
- SITE LOCATION
  - OVERALL PROJECT AREA- 152.21 Ha.
  - WTP LOCATION
  - GRID REFERENCE LOCATION
  - OS1 MAP REFERENCE NUMBER



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P01	04.04.25	PRE PLANNING	AMQ	MN	MMcE	NR

**REVIEW COMMENT** **S3**

**AtkinsRéalis**  
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Project Title  
**BALLINA AND LOUGH TALT WSZ UPGRADE**

Drawing Title  
**LOUGH TALT WTP SITE LOCATION**

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AMQ	MN	MMcE	NR
Original Size	Date	Date	Date	Date
A1	04.04.25	04.04.25	04.04.25	04.04.25
Drawing Number	Revision			
10025936-ATK-T2-ZZ-DR-CE-211701	P01			

CLASSIFICATION - AtkinsRéalis Base Line (Low Risk)

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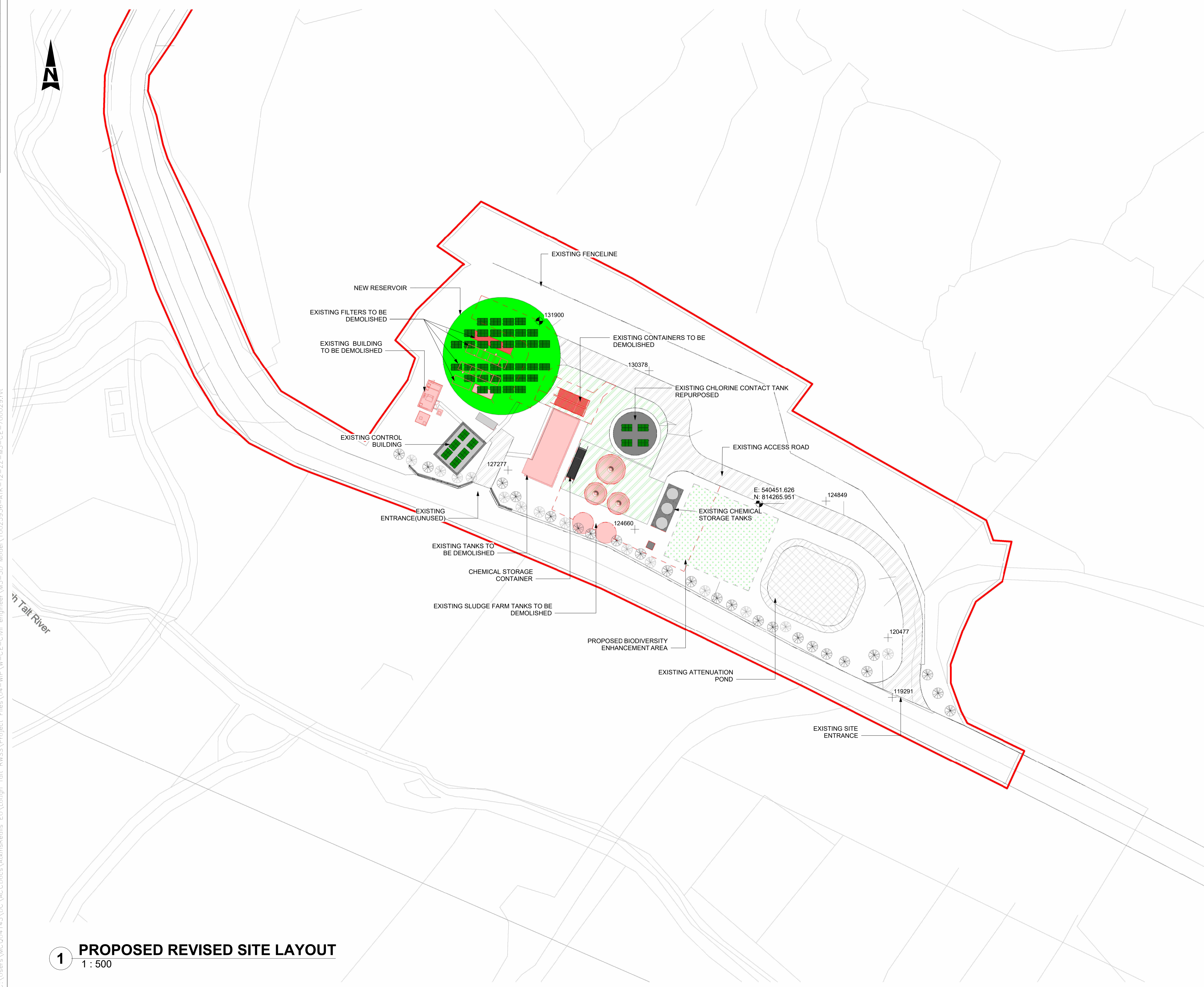
Work in Progress 16/04/2025 10:49:00  
Atkins Project Number: 10025936

100  
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Millimetres

- GENERAL NOTES**
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  5. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION

- LEGEND:**
- PROJECT BOUNDARY OUTLINE  
OVERALL PROJECT AREA: 132.44 Ha
  - EXISTING ACCESS ROAD
  - NEW ACCESS ROAD
  - EXISTING WORK FOR DEMOLITION
  - PROPOSED SOLAR PANEL AREA
  - GRID REFERENCE LOCATION
  - OSI MAP REFERENCE NUMBER
  - EXISTING SPOT HEIGHT
  - PROPOSED SPOT HEIGHT

**NOTE:**  
NEW WORKS SHOWN IN GREEN  
PROPOSED PLANTING TO BE NATIVE SPECIES



**1 PROPOSED REVISED SITE LAYOUT**  
1 : 500

Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P01	04.04.25	PRE PLANNING	AMQ	MN	MMcE	NR

**REVIEW COMMENT** **S3**

**AtkinsRéalis**  
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**Uisce Éireann**  
Irish Water

Project Title  
**BALLINA AND LOUGH TALT WSZ UPGRADE**

Drawing Title  
**LOUGH TALT WTP PROPOSED REVISED SITE LAYOUT**

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AMQ	MN	MMcE	NR
Original Size	Date	Date	Date	Date
A1	04.04.25	04.04.25	04.04.25	04.04.25
Drawing Number	Revision			
10025936-ATK-T2-ZZ-DR-CE-211721	P01			

Work in-Progress 16/04/2025 10:27:13  
Atkins Project Number: 10025936