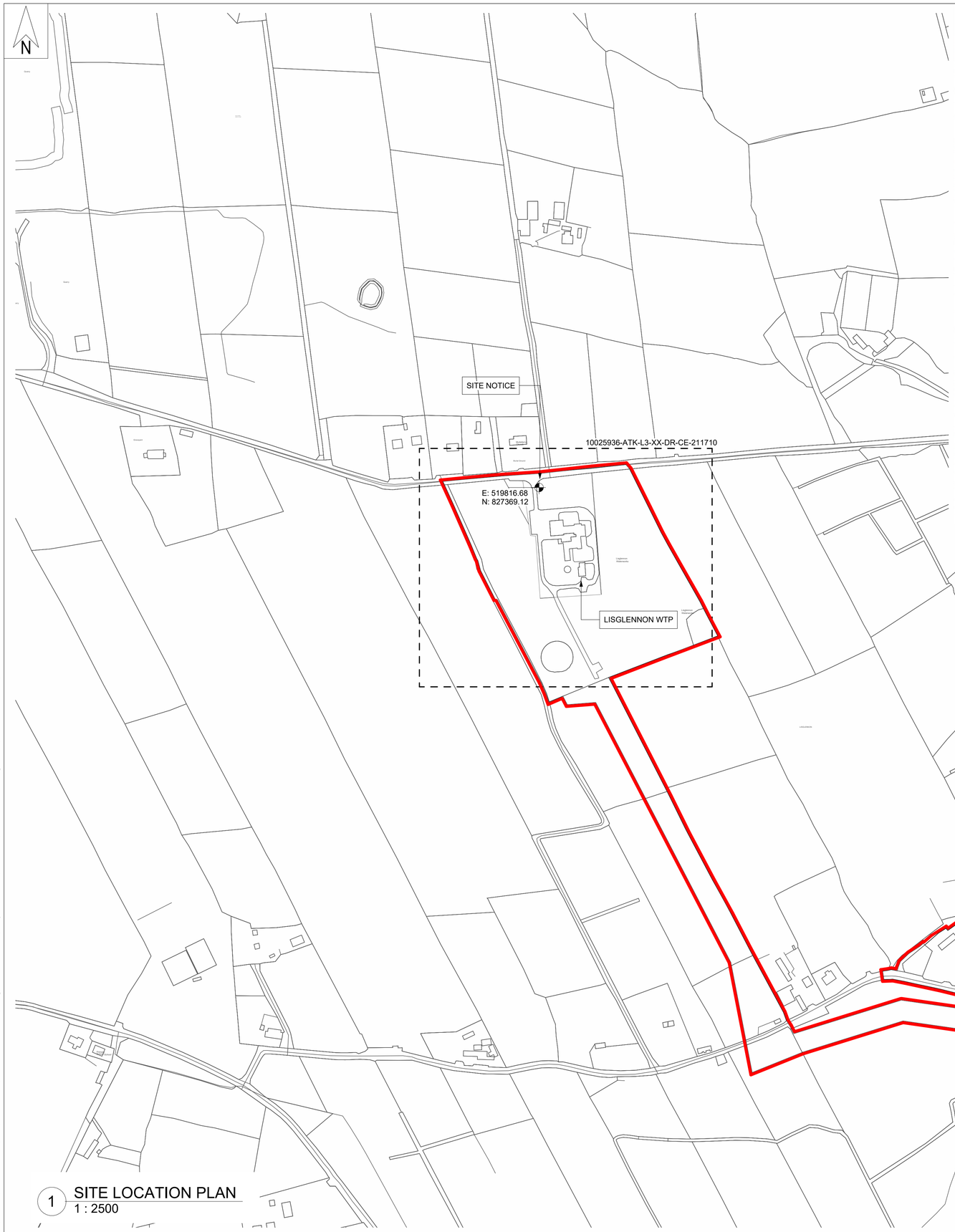
BALLINA AND LOUGH TALT WATER SUPPLY UPGRADE

PLANNING DRAWINGS

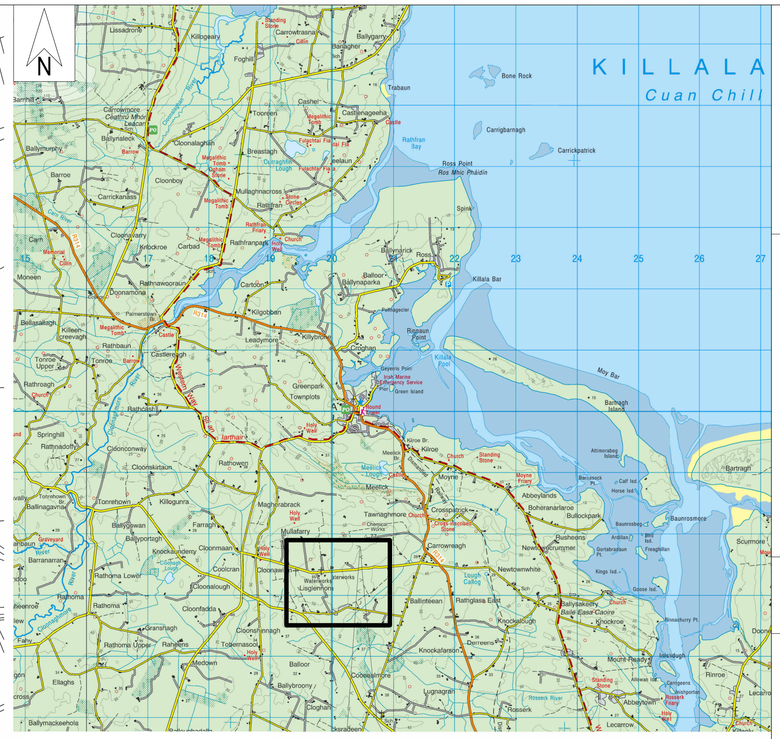
LISGLENNON WATER TREATMENT PLANT(WTP)

DO NOT SCALE

Millimetres 0 10 100



1 SITE LOCATION PLAN
1 : 2500



2 SITE LOCATION
1 : 50000

GENERAL NOTES

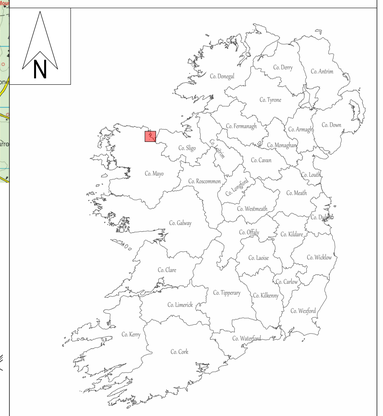
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE
2. ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS
3. ALL LEVELS ARE IN METRES AND ARE TO MALIN HEAD DATUM
4. ALL COORDINATES ARE IN METRES AND ARE TO IRISH TRANSVERSE MERCATOR

LEGEND:

REDLINE BOUNDARY
OVERALL PROJECT AREA: circa 45 ha.

E:
N:
GRID REFERENCE LOCATION

1180
1181
OSI SHEET No.



Rev.	Date	Description	By	Chk'd	Rev'd	App'd
C01	31.08.26	PLANNING	AMQ	ABM	MMcE	TM

Drawing Suitability: PROJECT PLANNING
Status: A2

AtkinsRéalis
DUBLIN | CORK | GALWAY | DUNDALK
ATKINS HOUSE,150 AIRSIDE BUSINESS PARK,
SWORDS, DUBLIN, K67 K5W4.
Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Uisce Éireann Irish Water

Project Title: BALLINA AND LOUGH TALT WATER SUPPLY UPGRADE

Drawing Title: LISGLENNON WTP SITE LOCATION PLAN

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AMQ	ABM	MMcE	TM
Original Size	**Date**	**Date**	**Date**	**Date**
A1	31.08.26	31.08.26	31.08.26	31.08.26

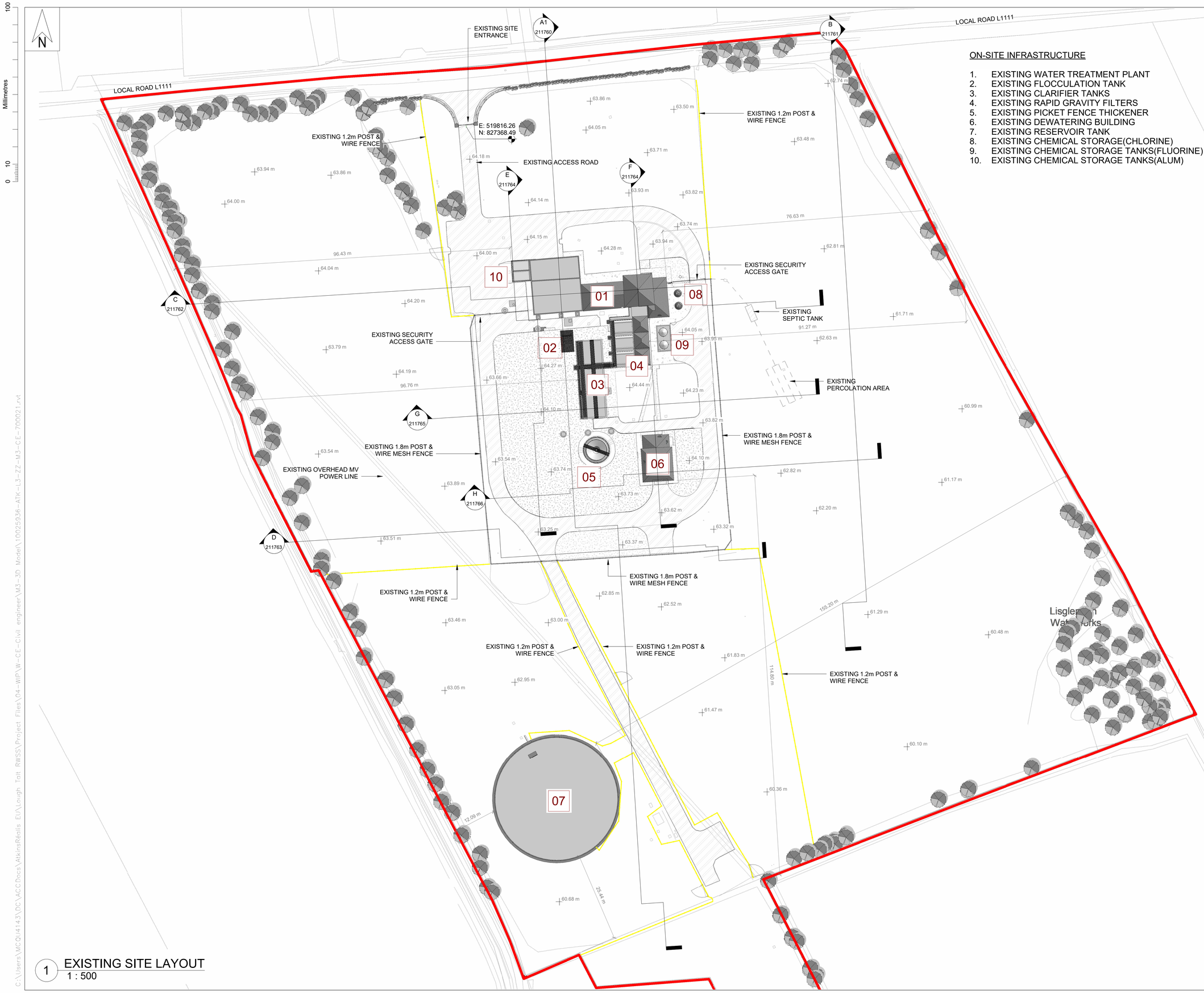
Drawing Number: 10025936-ATK-L3-ZZ-DR-CE-211701
Revision: C01

Atkins Project Number: 10025936

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CLASSIFICATION - AtkinsRéalis Base Line (Low Risk)

DO NOT SCALE



ON-SITE INFRASTRUCTURE

1. EXISTING WATER TREATMENT PLANT
2. EXISTING FLOCCULATION TANK
3. EXISTING CLARIFIER TANKS
4. EXISTING RAPID GRAVITY FILTERS
5. EXISTING PICKET FENCE THICKENER
6. EXISTING DEWATERING BUILDING
7. EXISTING RESERVOIR TANK
8. EXISTING CHEMICAL STORAGE(CHLORINE)
9. EXISTING CHEMICAL STORAGE TANKS(FLUORINE)
10. EXISTING CHEMICAL STORAGE TANKS(ALUM)

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

LEGEND:

- REDLINE BOUNDARY (OVERALL PROJECT AREA: circa 45 ha.)
- E: N: — GRID REFERENCE LOCATION
- 1180 1181 — OSI SHEET No.
- EXISTING SPOT LEVEL
- EXISTING BUILDINGS
- EXISTING ACCESS ROAD
- EXISTING GRAVEL
- EXISTING HARDSTANDING
- EXISTING HEDGEROW
- EXISTING PLANTING
- EXISTING POST & WIRE MESH FENCE
- EXISTING POST & WIRE FENCE

Rev.	Date	Description	By	Chk'd	Rev'd	App'd
C01	31.08.26	PLANNING	AMQ	ABM	MMcE	TM

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

AtkinsRéalis
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SWORDS, DUBLIN, K67 K5W4.
Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Uisce Éireann Irish Water

Project Title: BALLINA AND LOUGH TALT WATER SUPPLY UPGRADE

Drawing Title: LISGLENNON WTP EXISTING SITE LAYOUT

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AMQ	ABM	MMcE	TM
Original Size: A1	Date: 31.08.26	Date: 31.08.26	Date: 31.08.26	Date: 31.08.26

Drawing Number: 10025936-ATK-L3-ZZ-DR-CE-211710 — Revision: C01

Atkins Project Number: 10025936

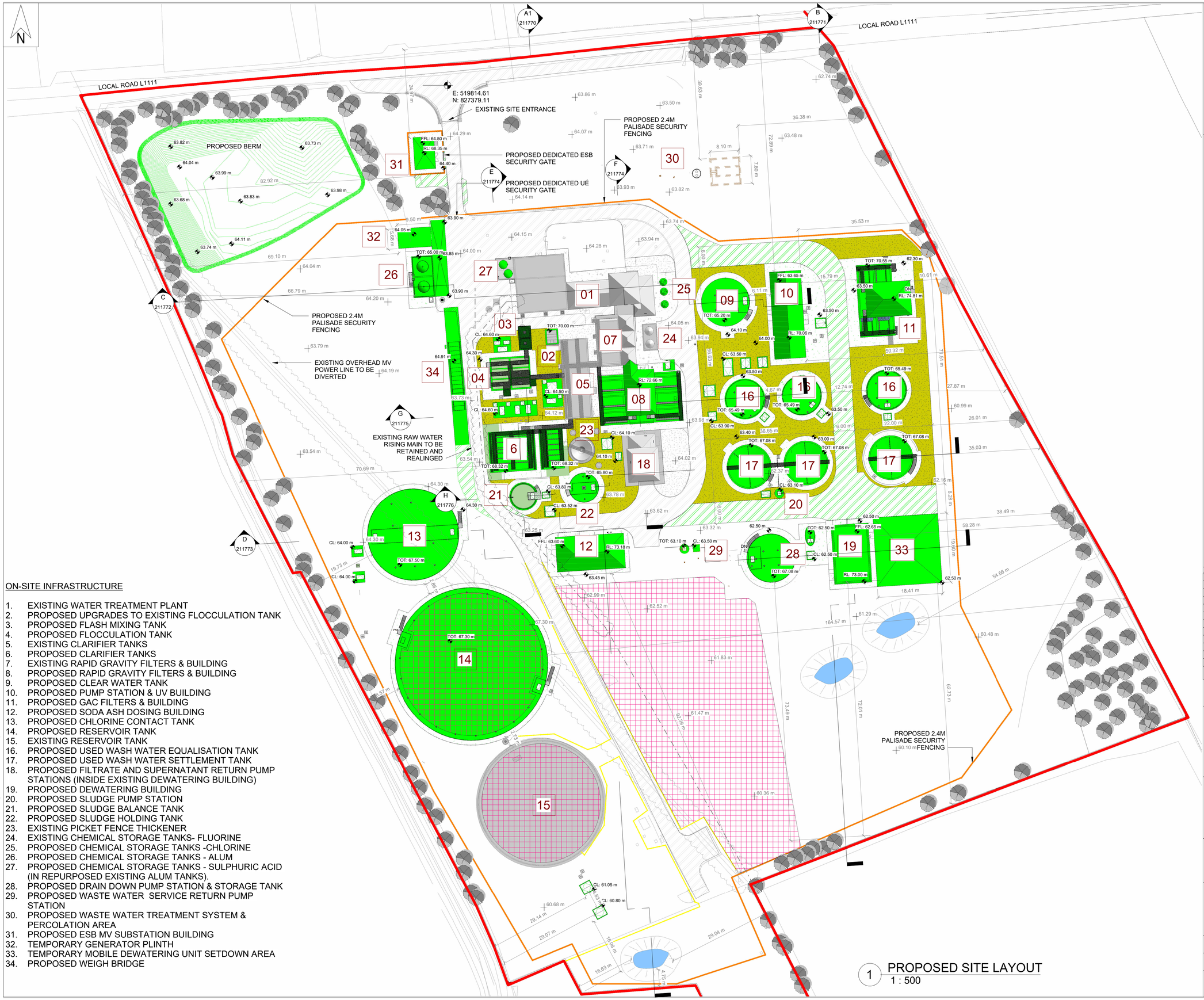
1 EXISTING SITE LAYOUT
1 : 500

CLASSIFICATION - AtkinsRéalis Base Line (Low Risk)

Millimetres 0 10 100

C:\Users\MCQUI143\DC\ACCDocs\AtkinsRéalis EU\Lough Talt RWSS\Project Files\04-WIP\W-CE-Civil engineer\M3-3D Model\10025936-ATK-L3-ZZ-M3-CE-700021.rvt

DO NOT SCALE



ON-SITE INFRASTRUCTURE

1. EXISTING WATER TREATMENT PLANT
2. PROPOSED UPGRADES TO EXISTING FLOCCULATION TANK
3. PROPOSED FLASH MIXING TANK
4. PROPOSED FLOCCULATION TANK
5. EXISTING CLARIFIER TANKS
6. PROPOSED CLARIFIER TANKS
7. EXISTING RAPID GRAVITY FILTERS & BUILDING
8. PROPOSED RAPID GRAVITY FILTERS & BUILDING
9. PROPOSED CLEAR WATER TANK
10. PROPOSED PUMP STATION & UV BUILDING
11. PROPOSED GAC FILTERS & BUILDING
12. PROPOSED SODA ASH DOSING BUILDING
13. PROPOSED CHLORINE CONTACT TANK
14. PROPOSED RESERVOIR TANK
15. EXISTING RESERVOIR TANK
16. PROPOSED USED WASH WATER EQUALISATION TANK
17. PROPOSED USED WASH WATER SETTLEMENT TANK
18. PROPOSED FILTRATE AND SUPERNATANT RETURN PUMP STATIONS (INSIDE EXISTING DEWATERING BUILDING)
19. PROPOSED DEWATERING BUILDING
20. PROPOSED SLUDGE PUMP STATION
21. PROPOSED SLUDGE BALANCE TANK
22. PROPOSED SLUDGE HOLDING TANK
23. EXISTING PICKET FENCE THICKENER
24. EXISTING CHEMICAL STORAGE TANKS- FLUORINE
25. PROPOSED CHEMICAL STORAGE TANKS -CHLORINE
26. PROPOSED CHEMICAL STORAGE TANKS - ALUM
27. PROPOSED CHEMICAL STORAGE TANKS - SULPHURIC ACID (IN REPURPOSED EXISTING ALUM TANKS).
28. PROPOSED DRAIN DOWN PUMP STATION & STORAGE TANK
29. PROPOSED WASTE WATER SERVICE RETURN PUMP STATION
30. PROPOSED WASTE WATER TREATMENT SYSTEM & PERCOLATION AREA
31. PROPOSED ESB MV SUBSTATION BUILDING
32. TEMPORARY GENERATOR PLINTH
33. TEMPORARY MOBILE DEWATERING UNIT SETDOWN AREA
34. PROPOSED WEIGH BRIDGE

1 PROPOSED SITE LAYOUT
1 : 500

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

LEGEND:

- REDLINE BOUNDARY (OVERALL PROJECT AREA: circa 45 ha.)
- 1180,1181 — OSI SHEET No.
- E: N: — GRID REFERENCE LOCATION
- EXISTING SPOT LEVEL
- PROPOSED SPOT LEVEL
- FFL: FINISHED FLOOR LEVEL
- RL: RIDGE LEVEL
- TOT: TOP OF TANK
- CL: CHAMBER COVER LEVEL
- EXISTING ASSETS
- EXISTING ACCESS ROAD
- PROPOSED ACCESS ROAD
- EXISTING HARDSTANDING
- PROPOSED HARDSTANDING
- EXISTING GRAVEL
- PROPOSED PERMEABLE GRAVEL
- EXISTING GRASS
- AREA ALLOCATED FOR SOLAR PANELS
- PROPOSED POND
- EXISTING FENCING
- PROPOSED 2.4m HIGH PALISADE SECURITY FENCING
- EXISTING FOUL WATER PIPELINE
- PROPOSED FOUL WATER PIPELINE
- PROPOSED CHAMBER ACCESS HATCH

NOTE:
1. PROPOSED WORKS SHOWN IN GREEN
2. SOLAR PANEL SIZING OF 2278mm x1133mm TO BE CONFIRMED BY THE APPOINTED CONTRACTOR

REFERENCE DRAWING:
10025936-ATK-L3-ZZ-DR-211723
10025936-ATK-L3-ZZ-DR-211724

Rev.	Date	Description	By	Chk'd	Rev'd	App'd
C01	31.08.26	PLANNING	AMQ	ABM	MMcE	TM

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

AtkinsRéalis
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ATKINS HOUSE,150 AIRSIDE BUSINESS PARK, SWORDS, DUBLIN, K67 K5W4.
Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Uisce Éireann Irish Water

Project Title: BALLINA AND LOUGH TALT WATER SUPPLY UPGRADE

Drawing Title: LISGLENNON WTP PROPOSED SITE LAYOUT

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AMQ	ABM	MMcE	TM
Original Size	**Date**	**Date**	**Date**	**Date**
A1	31.08.26	31.08.26	31.08.26	31.08.26

Drawing Number: 10025936-ATK-L3-ZZ-DR-CE-211720 — Revision: C01

Atkins Project Number: 10025936

CLASSIFICATION - AtkinsRéalis Base Line (Low Risk)

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DO NOT SCALE



INSECT HABITAT

SOLITARY BEE LODGE

BIRDBOX

NOTE:

1. SPECIES FOR THE WOODLAND MIX:

   ALDER 25%
   BIRCH 15%
   SCOTS PINE 10%
   WILLOW 10%
   WILD CHERRY 5%
   BLACKTHORN 10%
   ELDER 5%
   ROWAN 5%
   HAZEL 5%
   GUELDER ROSE 5%
   SPINDLE 5%

1 PROPOSED LANDSCAPING LAYOUT
1 : 500

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

LEGEND:

- REDLINE BOUNDARY — OVERALL PROJECT AREA: circa 45 ha.
- 1180,1181 — OSI SHEET No.
- E: N: — GRID REFERENCE LOCATION
- EXISTING SPOT LEVEL
- PROPOSED SPOT LEVEL
- FFL: — FINISHED FLOOR LEVEL
- RL: — RIDGE LEVEL
- TOT: — TOP OF TANK
- CL: — CHAMBER COVER LEVEL
- EXISTING ASSETS
- EXISTING ACCESS ROAD
- PROPOSED ACCESS ROAD
- EXISTING HARDSTANDING
- PROPOSED HARDSTANDING
- EXISTING GRAVEL
- PROPOSED PERMEABLE GRAVEL
- PROPOSED GRASSCRETE
- EXISTING GRASS
- EXISTING TREES
- PROPOSED TREES
- EXISTING HEDGEROW
- PROPOSED WOODLAND MIX
- PROPOSED REDUCED MOWING REGIME WILDFLOWER AREA
- EXISTING MARSH AREA
- EXISTING WET GRASSLAND AREA
- AREA ALLOCATED FOR SOLAR PANELS
- PROPOSED POND
- EXISTING FENCING
- PROPOSED 2.4m HIGH PALISADE SECURITY FENCING

REFERENCE DRAWING:
10025936-ATK-L3-ZZ-DR-211720
10025936-ATK-L3-ZZ-DR-211724

Rev.	Date	Description	By	Chk'd	Rev'd	App'd
C01	31.08.26	PLANNING	AMQ	ABM	MMcE	TM

Drawing Suitability: PROJECT PLANNING
Status: A2

AtkinsRéalis
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ATKINS HOUSE,150 AIRSIDE BUSINESS PARK,
SWORDS, DUBLIN, K67 K5W4.
Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Uisce Éireann Irish Water

Project Title: BALLINA AND LOUGH TALT WATER SUPPLY UPGRADE

Drawing Title: LISGLENNON WTP PROPOSED LANDSCAPING LAYOUT

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AMQ	ABM	MMcE	TM
Original Size	Date	Date	Date	Date
A1	31.08.26	31.08.26	31.08.26	31.08.26

Drawing Number: 10025936-ATK-L3-ZZ-DR-CE-211723
Revision: C01

Atkins Project Number: 10025936

CLASSIFICATION - AtkinsRéalis Base Line (Low Risk)

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DO NOT SCALE



1 PROPOSED SITE DRAINAGE LAYOUT
1 : 500

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

LEGEND:

- REDLINE BOUNDARY — OVERALL PROJECT AREA: circa 45 ha.
- 1180,1181 — OSI SHEET No.
- E: N: — GRID REFERENCE LOCATION
- EXISTING SPOT LEVEL
- PROPOSED SPOT LEVEL
- FFL: — FINISHED FLOOR LEVEL
- RL: — RIDGE LEVEL
- TOT: — TOP OF TANK
- EXISTING DRAINAGE PIPEWORK
- EXISTING ROAD GULLY
- EXISTING SOAKAWAY
- PROPOSED STORM WATER PIPEWORK
- PROPOSED ROAD GULLY
- PROPOSED STORM WATER MANHOLE
- PROPOSED SOAKAWAY
- PROPOSED POND
- PROPOSED PETROL / OIL INTERCEPTOR
- AREA ALLOCATED FOR SOLAR PANELS
- PROPOSED 2.4m HIGH PALISADE SECURITY FENCING

REFERENCE DRAWING:

10025936-ATK-L3-ZZ-DR-211720
10025936-ATK-L3-ZZ-DR-211723

Rev.	Date	Description	By	Chk'd	Rev'd	App'd
C01	31.08.26	PLANNING	AMQ	ABM	MMcE	TM

Drawing Suitability: PROJECT PLANNING — Status: A2

AtkinsRéalis
DUBLIN | CORK | GALWAY | DUNDALK
ATKINS HOUSE,150 AIRSIDE BUSINESS PARK,
SWORDS, DUBLIN, K67 K5W4.
Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Uisce Éireann Irish Water

Project Title: BALLINA AND LOUGH TALT WATER SUPPLY UPGRADE

Drawing Title: LISGLENNON WTP PROPOSED SITE DRAINAGE LAYOUT

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AMQ	ABM	MMcE	TM
Original Size	Date	Date	Date	Date
A1	31.08.26	31.08.26	31.08.26	31.08.26

Drawing Number: 10025936-ATK-L3-ZZ-DR-CE-211724 — Revision: C01

Atkins Project Number: 10025936

CLASSIFICATION - AtkinsRéalis Base Line (Low Risk)

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Millimetres 0 10 100

DO NOT SCALE



1 PROPOSED VEHICLE TRACKING LAYOUT
1 : 500

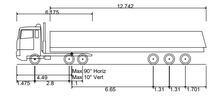
GENERAL NOTES

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4. ALL COORDINATES ARE IN METRES AND ARE TO IRISH TRANSVERSE MERCATOR

LEGEND:

- REDLINE BOUNDARY — OVERALL PROJECT AREA: circa 45 ha.
- 1180,1181 — OSI SHEET No.
- E: N: — GRID REFERENCE LOCATION
- EXISTING SPOT LEVEL
- PROPOSED SPOT LEVEL
- FFL: — FINISHED FLOOR LEVEL
- RL: — RIDGE LEVEL
- TOT: — TOP OF TANK
- CL: — CHAMBER COVER LEVEL
- EXISTING ACCESS ROAD
- PROPOSED ACCESS ROAD
- AREA ALLOCATED FOR SOLAR PANELS
- EXISTING FENCING
- PROPOSED 2.4m HIGH PALISADE SECURITY FENCING

VEHICLE TRACKING DETAIL



Oil Tanker	
Overall Length	15.461m
Overall Width	2.500m
Overall Body Height	3.396m
Min Body Ground Clearance	0.320m
Max Track Width	2.500m
Lock to lock time	4.00s
Kerb to Kerb Turning Radius	6.500m

REFERENCE DRAWING:
10025936-ATK-L3-ZZ-DR-211720
10025936-ATK-L3-ZZ-DR-211723

Rev.	Date	Description	By	Chk'd	Rev'd	App'd
C01	31.08.26	PLANNING	AMQ	ABM	MMcE	TM

Drawing Suitability: PROJECT PLANNING
Status: A2

AtkinsRéalis
DUBLIN | CORK | GALWAY | DUNDALK
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SWORDS, DUBLIN, K67 K5W4.
Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Uisce Éireann / Irish Water

Project Title: BALLINA AND LOUGH TALT WATER SUPPLY UPGRADE

Drawing Title: LISGLENNON WTP
PROPOSED VEHICLE TRACKING LAYOUT
SHEET 1 OF 3

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AMQ	ABM	MMcE	TM
Original Size	Date	Date	Date	Date
A1	31.08.26	31.08.26	31.08.26	31.08.26

Drawing Number: 10025936-ATK-L3-ZZ-DR-CE-211725
Revision: C01

Atkins Project Number: 10025936

CLASSIFICATION - AtkinsRéalis Base Line (Low Risk)

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