Appendix 2. Project Description

2.12. Project Drawings

Statutory Drawings

Refer to full set of planning drawings that have been provided as part of this planning submission.

Non Statutory Drawings

GNI Document Register

Document	Title	Rev No.	Sheet Size
2183-DG-1001.pdf	SITE LAYOUT PLAN - AGI, PIPELINE & HOT TAP	3	A1
2183-DG-1002.pdf	FLOOR PLAN, SECTION & ELEVATIONS OF MAIN PRESSURE REDUCTION KIOSK	1	A3
2183-DG-1003.pdf	FLOOR PLAN, SECTION & ELEVATIONS OF BOILER HOUSE KIOSK	2	A3
2183-DG-1004.pdf	FLOOR PLAN, SECTION & ELEVATIONS OF ANCILLARY PRESSURE REDUCTION KIOSK	1	A3
2183-DG-1005.pdf	FLOOR PLAN, SECTION & ELEVATIONS OF ELECTRICAL AND INSTRUMENTATION KIOSK	2	A3
2183-DG-1006.pdf	FLOOR PLAN, SECTION & ELEVATIONS OF GAS ANALYSER KIOSK	1	A3
2183-DG-1007.pdf	PROPOSED SITE ELEVATIONS	3	A3

AtkinsRéalis

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Email : info.ie@atkinsglobal.com

Drawing/Document Transmittal Sheet

Project Title: Cashla Peaker Plant	Reg Nr	Project Nr	Document Type	Page Nr
	R01	114485	Drawing Register	1

1 = Nr of Copies | I = Information | Pr = Pricing
E = Electronic | P = Planning | H = Hard Copy
D = Disk | T = Tender | P8 = Part VIII
F = Fax | C = Construction | AB = As-Built | AC= Autocad DWG
S = Sketch | CO = Comment | P= PDF

Date of Issue	
Day	14
Month	01
Year	26
Status	P

Drawing Nr.	Document Title	% Complete	Responsible	Size	Rev	Revision History
				A1	0	0
			Drawings			
	Architecture					
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000007	Administration Building & ESB Substation - Plans			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000008	Administration Building & ESB Substation - Elevations			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000011	Workshop Building - Plan			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000012	Workshop Building - Elevation			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000013	Workshop Building - Sections			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000014	Electrical Control Building			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000019	Water Treatment Plant			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000020	Fuel Forwarding & Unloading Area			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000025	20Ø Fuel Tank - Plan			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000026	20Ø Fuel Tank - Elevations			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000027	25Ø Demin Water Tank - Plan			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000028	25Ø Demin Water Tank - Elevations			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000029	12.5Ø Fire & Service Water Tank - Plan & Elevations			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000030	Service Water Pump Skid - Plan, Elevations & Sections			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000032	CO2 Fire Fighting Skid - Plan, Elevations & Sections			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000033	Compressed Air Skid - Plan, Elevations & Sections			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000034	Fuel Gas Supply System Skid - Plan, Elevations & Sections			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000035	Air Cooling Skid - Plan, Elevations & Sections			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000036	Water Skid - Plan, Elevations & Sections			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000037	Compressor Cleaning Skid & Tank - Plan, Elevations & Sections			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000038	Water Pump Skid - Plan, Elevations & Sections			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000039	Oil Lube Skid - Plan, Elevations & Sections			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000040	Entrance Gate			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000041	Fin Fan Cooler			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000042	Duel Fuel Diesel Module			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000043	Aux Unit Transformer			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000044	Propane Tank			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000045	GSU Transformer - Plan & Elevation			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000046	Continuous Emmissions Monitoring Unit			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000047	Turbine			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000048	Existing Shed to be Demolished			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000049	10Ø Demin Waste Tank - Plan & Elevations			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000050	Demin Tank Pump Skid - Plan, Elevations & Sections			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000051	Emergency Diesel Generator			A1	P00	P00
PEK3-ATK-ZZ-ZZ-DR-A-ATK-000052	Generator Circuit Breaker - Plan , Elevation			A1	P00	P00
			Documents			
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Date of Issue	
Day	31
Month	10
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File Reference No.	Title	Sheet Size	Revision
PEK3-ATK-ZZ-ZZ-DR-EE-901300	Proposed Site Lighting Layout	A1	0
PEK3-ATK-ZZ-ZZ-DR-EE-901301	Proposed Site Lighting Details	A1	0

		Number of Issues
Total number of sets		1

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Project Name:	**CASHLA PEAKER PLANT**
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	Date of Issue
Day	01
Month	12
Year	25

File Reference No.	Title	Sheet Size	Revision
PEK3-ATR-ZZ-ZZ-DR-CE-900001	SITE LOCATION LAYOUT - KEYPLAN	A1	0
PEK3-ATR-ZZ-ZZ-DR-CE-900002	SITE LOCATION LAYOUT - SHEET 01	A1	0
PEK3-ATR-ZZ-ZZ-DR-CE-900010	TOPOGRAPHIC SURVEY - KEYPLAN	A1	0
PEK3-ATR-ZZ-ZZ-DR-CE-900011	TOPOGRAPHIC SURVEY - SHEET 01	A1	0
PEK3-ATR-ZZ-ZZ-DR-CE-900012	TOPOGRAPHIC SURVEY - SHEET 02	A1	0
PEK3-ATR-ZZ-ZZ-DR-CE-900013	TOPOGRAPHIC SURVEY - SHEET 03	A1	0
PEK3-ATR-ZZ-ZZ-DR-CE-900014	TOPOGRAPHIC SURVEY - SHEET 04	A1	0
PEK3-ATR-ZZ-ZZ-DR-CE-900015	TOPOGRAPHIC SURVEY - SHEET 05	A1	0
PEK3-ATR-ZZ-ZZ-DR-CE-900016	TOPOGRAPHIC SURVEY - SHEET 06	A1	0
PEK3-ATR-ZZ-ZZ-DR-CE-900017	TOPOGRAPHIC SURVEY - SHEET 07	A0	0
PEK3-ATR-ZZ-ZZ-DR-CE-900030	SITE LAYOUT - KEYPLAN	A1	0
PEK3-ATR-ZZ-ZZ-DR-CE-900031	SITE LAYOUT - SHEET 01	A1	0
PEK3-ATR-ZZ-ZZ-DR-CE-900032	SITE LAYOUT - SHEET 02	A1	0
PEK3-ATR-ZZ-ZZ-DR-CE-900033	SITE LAYOUT - SHEET 03	A1	0
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PEK3-ATR-ZZ-ZZ-DR-CE-900037	SITE LAYOUT - SHEET 07	A0	0
PEK3-ATR-ZZ-ZZ-DR-CE-900070	SITE ELEVATION LOCATIONS	A0	0
PEK3-ATR-ZZ-ZZ-DR-CE-900071	SITE ELEVATIONS - SHEET 01	A0	0
PEK3-ATR-ZZ-ZZ-DR-CE-900072	SITE ELEVATIONS - SHEET 02	A0	0
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PEK3-ATR-ZZ-ZZ-DR-CE-900501	STORM DRAINAGE LAYOUT - SHEET 01	A1	0
PEK3-ATR-ZZ-ZZ-DR-CE-900502	STORM DRAINAGE LAYOUT - SHEET 02	A1	0
PEK3-ATR-ZZ-ZZ-DR-CE-900503	STORM DRAINAGE LAYOUT - SHEET 03	A1	0
PEK3-ATR-ZZ-ZZ-DR-CE-900504	STORM DRAINAGE LAYOUT - SHEET 04	A1	0
PEK3-ATR-ZZ-ZZ-DR-CE-900505	STORM DRAINAGE LAYOUT - SHEET 05	A1	0
PEK3-ATR-ZZ-ZZ-DR-CE-900506	STORM DRAINAGE LAYOUT - SHEET 06	A1	0
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PEK3-ATR-ZZ-ZZ-DR-CE-900601	GRADING LAYOUT - SHEET 01	A1	0
PEK3-ATR-ZZ-ZZ-DR-CE-900602	GRADING LAYOUT - SHEET 02	A1	0
PEK3-ATR-ZZ-ZZ-DR-CE-900603	GRADING LAYOUT - SHEET 03	A1	0
PEK3-ATR-ZZ-ZZ-DR-CE-900604	GRADING LAYOUT - SHEET 04	A1	0
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PEK3-ATR-ZZ-ZZ-DR-CE-900607	GRADING LAYOUT - SHEET 07	A0	0
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PEK3-ATR-ZZ-ZZ-DR-CE-901107	SITE SURFACE TYPES LAYOUT- SHEET 07	A0	0
PEK3-ATR-ZZ-ZZ-DR-CE-901110	KERB LAYOUT AND ROAD MARKINGS LAYOUT - KEYPLAN	A1	0
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PEK3-ATR-ZZ-ZZ-DR-CE-901207	VEHICLE TRACKING - HGV - SHEET 01	A1	0
PEK3-ATR-ZZ-ZZ-DR-CE-901208	VEHICLE TRACKING - HGV - SHEET 02	A1	0
PEK3-ATR-ZZ-ZZ-DR-CE-901209	VEHICLE TRACKING - HGV - SHEET 03	A0	0
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PEK3-ATR-ZZ-ZZ-DR-CE-903101	TYPICAL CONSTRUCTION DETAILS - SHEET 01 - INFILTRATION POND DETAILS	A1	0
PEK3-ATR-ZZ-ZZ-DR-CE-903102	TYPICAL CONSTRUCTION DETAILS - SHEET 02 - MANHOLE DETAILS	A1	0
PEK3-ATR-ZZ-ZZ-DR-CE-903103	TYPICAL CONSTRUCTION DETAILS - SHEET 03 - FOUL DRAINAGE PIPE DETAILS	A1	0
PEK3-ATR-ZZ-ZZ-DR-CE-903104	TYPICAL CONSTRUCTION DETAILS - SHEET 04 - WATERMAIN DETAILS	A1	0
PEK3-ATR-ZZ-ZZ-DR-CE-903105	TYPICAL CONSTRUCTION DETAILS - SHEET 05 - STORM DRAINAGE PIPE DETAILS	A1	0
PEK3-ATR-ZZ-ZZ-DR-CE-903106	TYPICAL CONSTRUCTION DETAILS - SHEET 06 - FENCING DETAILS	A1	0
PEK3-ATR-ZZ-ZZ-DR-CE-903107	TYPICAL CONSTRUCTION DETAILS - SHEET 07 - MANHOLE WITH PENSTOCK ACTUATOR	A1	0
PEK3-ATR-ZZ-ZZ-DR-CE-903108	TYPICAL CONSTRUCTION DETAILS - SHEET 07 - WATERWATER TREATMENT UNIT	A1	0
PEK3-ATR-ZZ-ZZ-DR-CE-903109	TYPICAL CONSTRUCTION DETAILS - SHEET 07 - CONTAMINATED FIREWATER HOLDING TAN	A1	0

		Number of Issues
Planning Authority	An Coimisiún Pleanála	1
Total number of sets		1

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	ET - Electronic Transmittal	E

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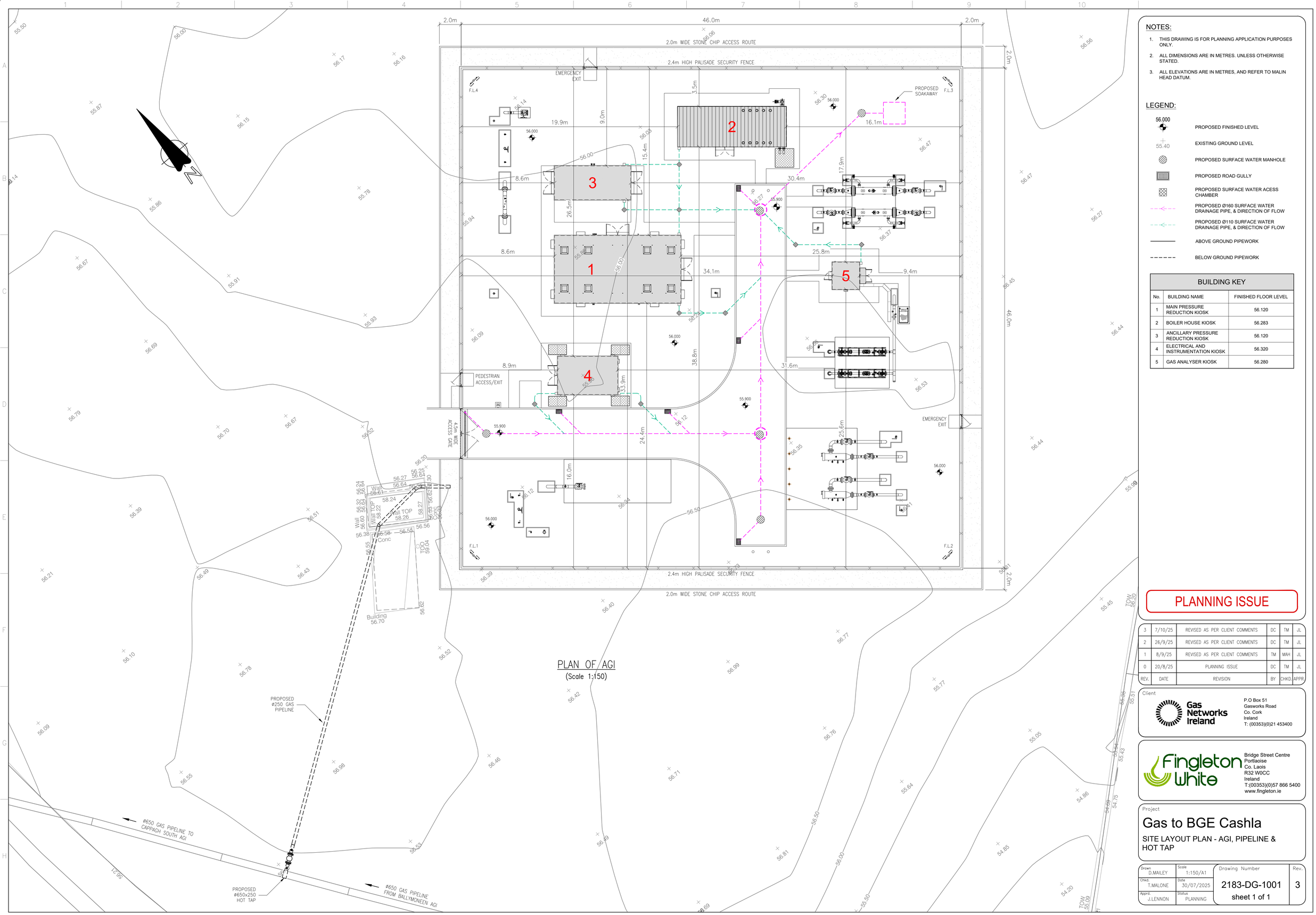
DRAWING REGISTER/TRANSMITTAL

PROJECT TITLE: 24032 CASHLA PEAKER POWER PLANT

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			Day	9	23	3	13	1	9
			Month	10	10	11	11	12	12
			Year	25	25	25	25	25	25
Proj.No.	Drawing No.	DRAWING TITLE	REVISION HISTORY						
		Eamonn Byrne Landscape Architects							
24032	LP-1-01	LANDSCAPE PLAN (1 OF 3) A1	5	6	7	8	9	10	
24032	LP-1-02	LANDSCAPE PLAN (2 OF 3) A1	5	6	7	8	9	10	
24032	LP-1-03	LANDSCAPE PLAN (3 OF 3) A1	5	6	7	8	9	10	

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NOTES:

1. THIS DRAWING IS FOR PLANNING APPLICATION PURPOSES ONLY.
2. ALL DIMENSIONS ARE IN METRES. UNLESS OTHERWISE STATED.
3. ALL ELEVATIONS ARE IN METRES, AND REFER TO MALIN HEAD DATUM.

LEGEND:

56.000	PROPOSED FINISHED LEVEL
55.40	EXISTING GROUND LEVEL
	PROPOSED SURFACE WATER MANHOLE
	PROPOSED ROAD GULLY
	PROPOSED SURFACE WATER ACESS CHAMBER
	PROPOSED Ø160 SURFACE WATER DRAINAGE PIPE, & DIRECTION OF FLOW
	PROPOSED Ø110 SURFACE WATER DRAINAGE PIPE, & DIRECTION OF FLOW
	ABOVE GROUND PIPEWORK
	BELOW GROUND PIPEWORK

BUILDING KEY

No.	BUILDING NAME	FINISHED FLOOR LEVEL
1	MAIN PRESSURE REDUCTION KIOSK	56.120
2	BOILER HOUSE KIOSK	56.283
3	ANCILLARY PRESSURE REDUCTION KIOSK	56.120
4	ELECTRICAL AND INSTRUMENTATION KIOSK	56.320
5	GAS ANALYSER KIOSK	56.280

PLANNING ISSUE

REV.	DATE	REVISION	BY	CHKD.	APPR.
3	7/10/25	REVISED AS PER CLIENT COMMENTS	DC	TM	JL
2	26/9/25	REVISED AS PER CLIENT COMMENTS	DC	TM	JL
1	8/9/25	REVISED AS PER CLIENT COMMENTS	TM	MAH	JL
0	20/8/25	PLANNING ISSUE	DC	TM	JL

Client
Gas Networks Ireland
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Gasworks Road
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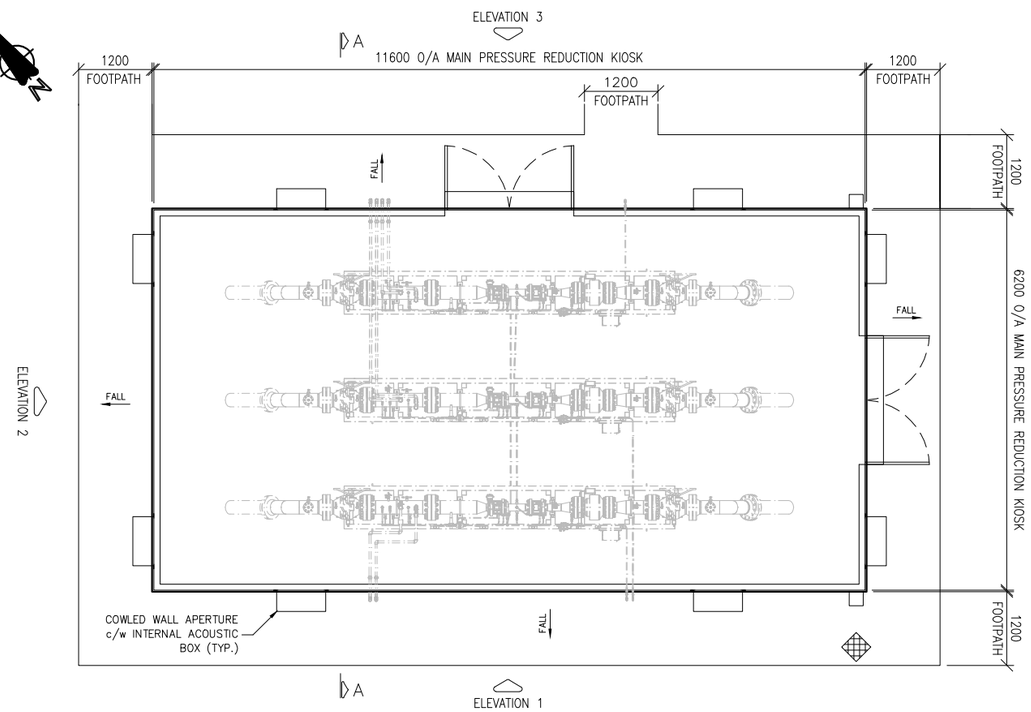
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Project

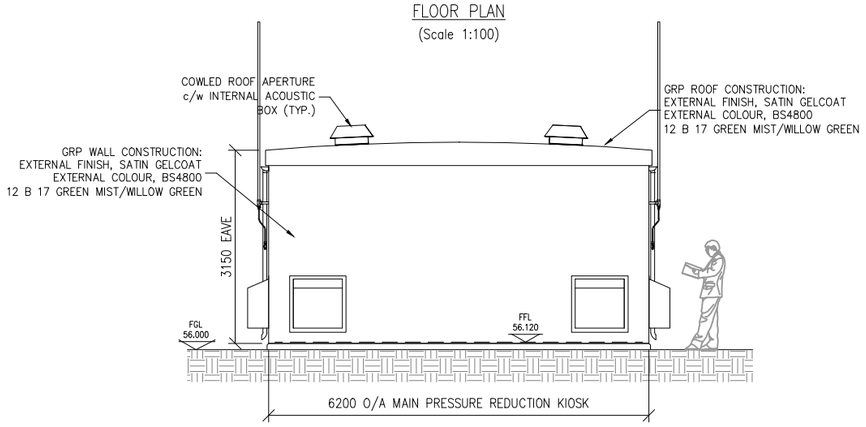
Gas to BGE Cashla

SITE LAYOUT PLAN - AGI, PIPELINE & HOT TAP

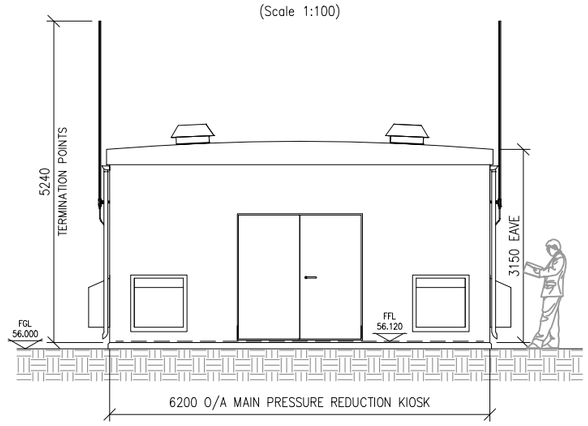
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Chkd.: T.MALONE	Date: 30/07/2025		
Apprd.: J.LENNON	Status: PLANNING	sheet 1 of 1	



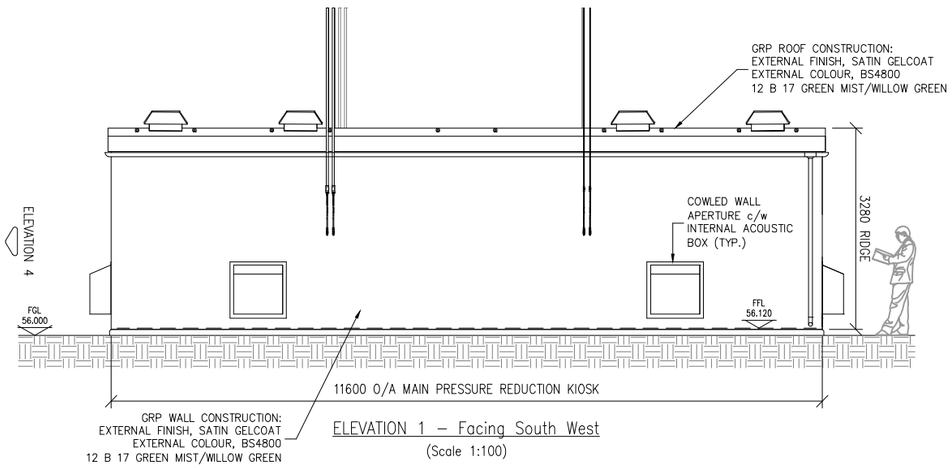
MAIN PRESSURE REDUCTION KIOSK
FLOOR PLAN
(Scale 1:100)



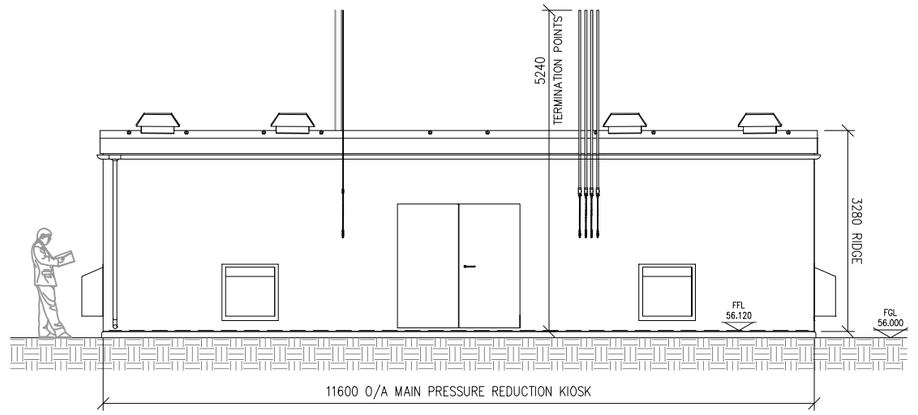
ELEVATION 2 – Facing North West
(Scale 1:100)



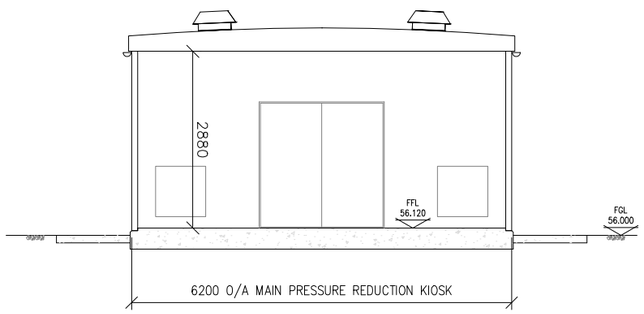
ELEVATION 4 – Facing South East
(Scale 1:100)



ELEVATION 1 – Facing South West
(Scale 1:100)



ELEVATION 3 – Facing North East
(Scale 1:100)



SECTION A–A
(Scale 1:100)

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PLANNING ISSUE

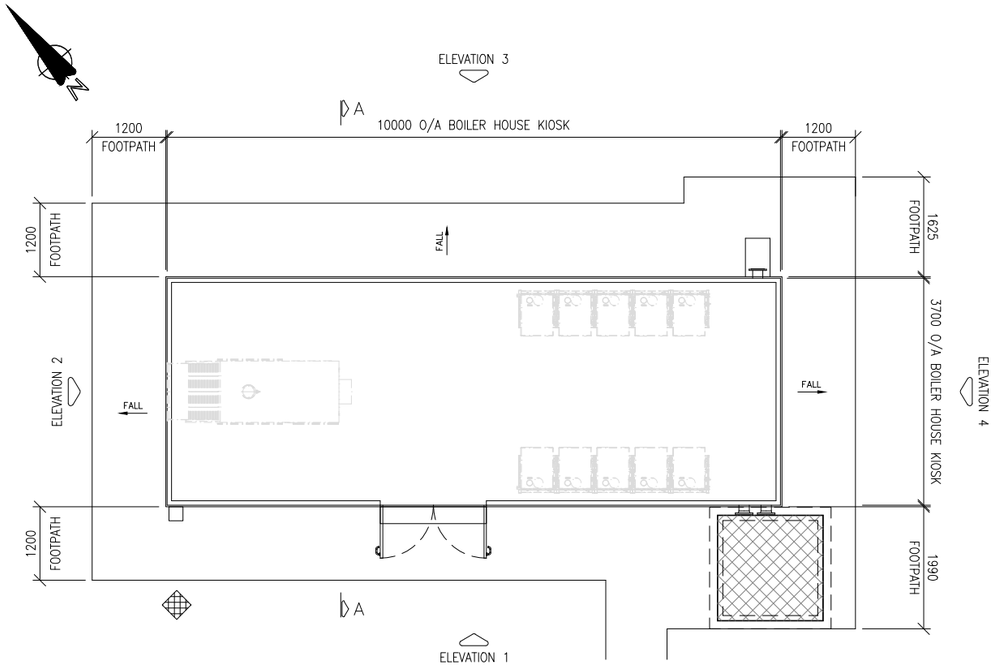
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1	8/9/25	REVISED AS PER CLIENT COMMENTS	TM	MAH	JL
0	20/8/25	PLANNING ISSUE	DC	TM	JL

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Gas Networks Ireland
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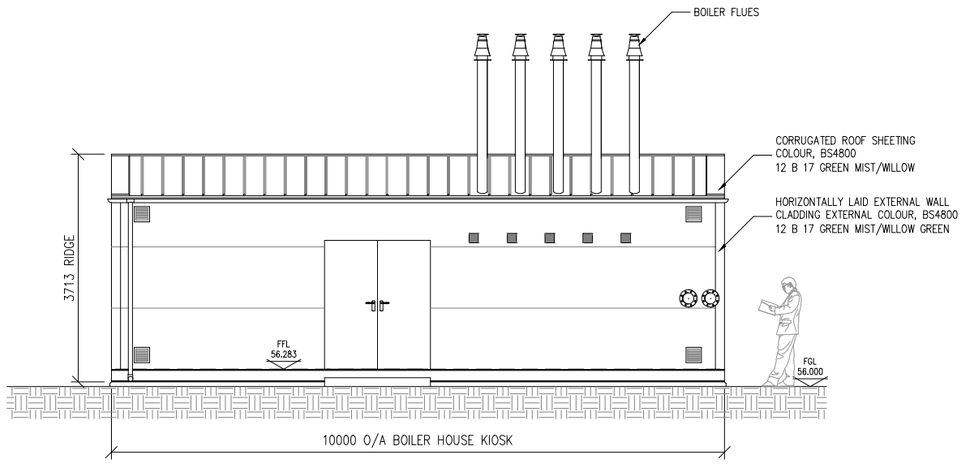
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Project
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FLOOR PLAN, SECTION & ELEVATIONS OF MAIN PRESSURE REDUCTION KIOSK

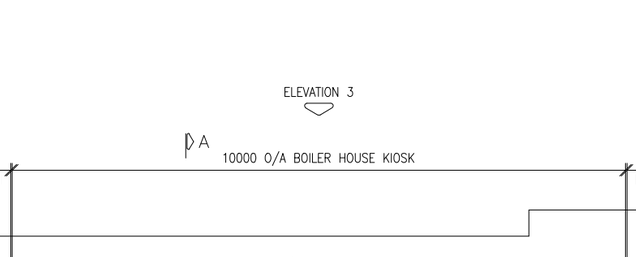
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Chkd. T.MALONE	Date 30/07/2025	sheet 1 of 1	
Apprd. J.LENNON	Status PLANNING		



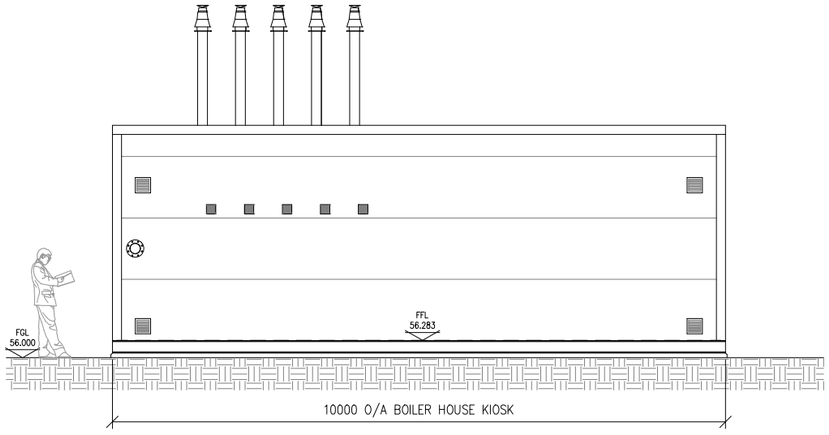
BOILER HOUSE KIOSK
FLOOR PLAN
(Scale 1:100)



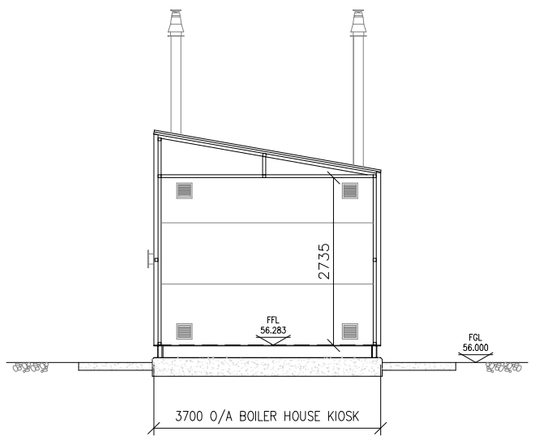
ELEVATION 1 – Facing South West
(Scale 1:100)



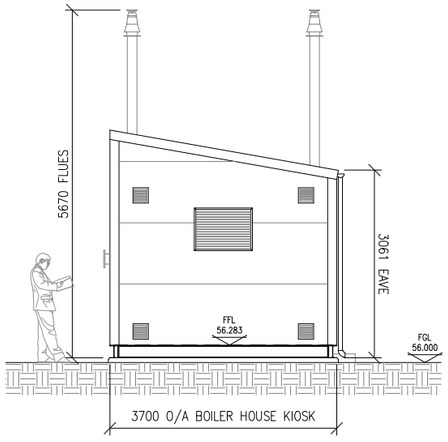
ROOF PLAN
(Scale 1:100)



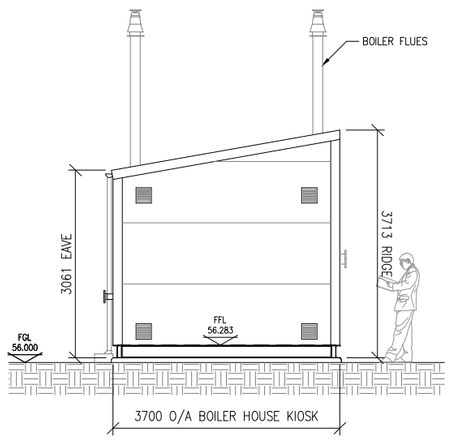
ELEVATION 3 – Facing North East
(Scale 1:100)



SECTION A–A
(Scale 1:100)



ELEVATION 2 – Facing North West
(Scale 1:100)



ELEVATION 4 – Facing South East
(Scale 1:100)

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PLANNING ISSUE

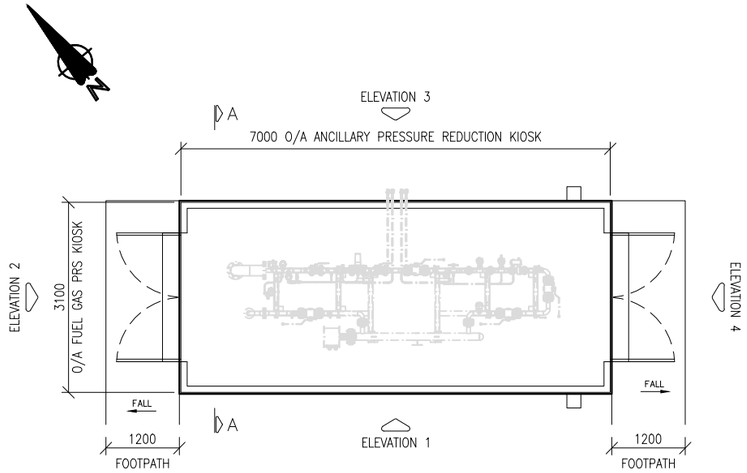
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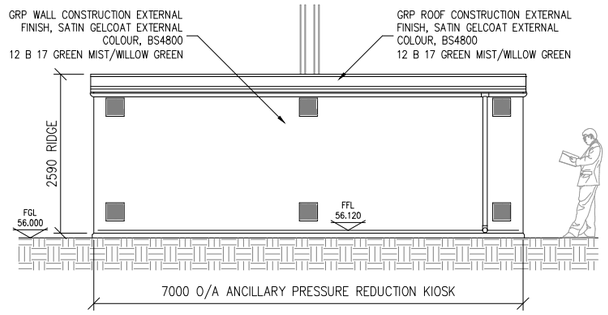
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FLOOR PLAN, SECTION & ELEVATIONS
OF BOILER HOUSE KIOSK

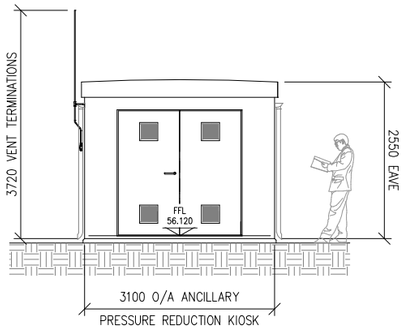
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Chkd. T.MALONE	Date 30/07/2025		
Apprd. J.LENNON	Status PLANNING	sheet 1 of 1	



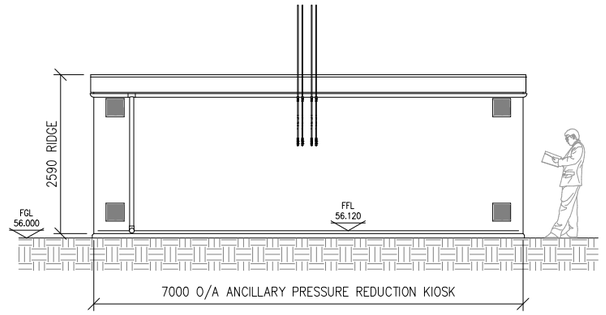
FUEL GAS PRS KIOSK
FLOOR PLAN
(Scale 1:100)



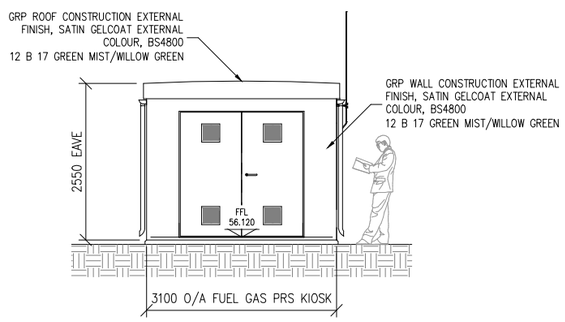
ELEVATION 1 – Facing South West
(Scale 1:100)



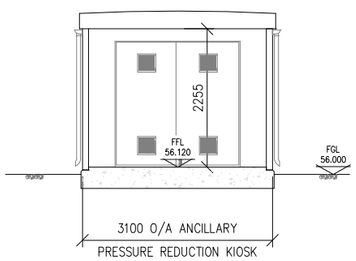
ELEVATION 2 – Facing North West
(Scale 1:100)



ELEVATION 3 – Facing North East
(Scale 1:100)



ELEVATION 4 – Facing South East
(Scale 1:100)



SECTION A–A
(Scale 1:100)

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PLANNING ISSUE

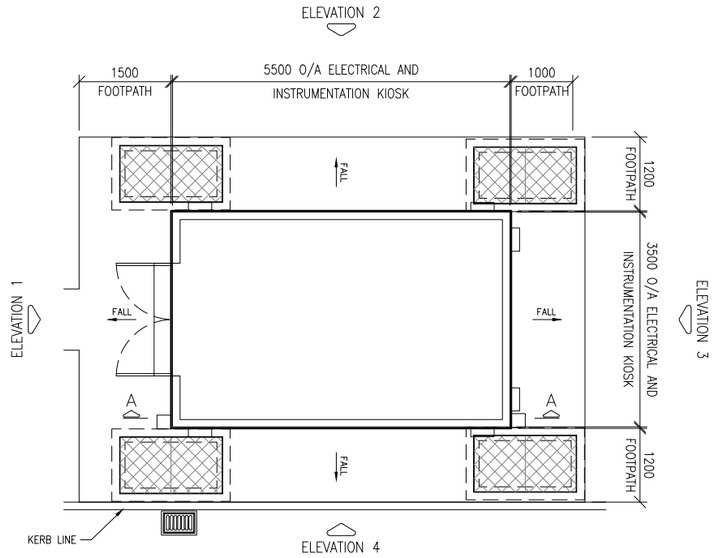
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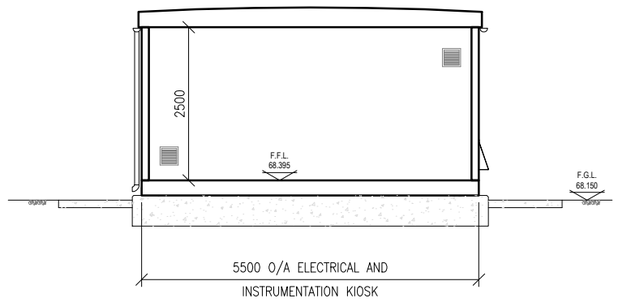
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FLOOR PLAN, SECTION & ELEVATIONS OF ANCILLARY PRESSURE REDUCTION KIOSK

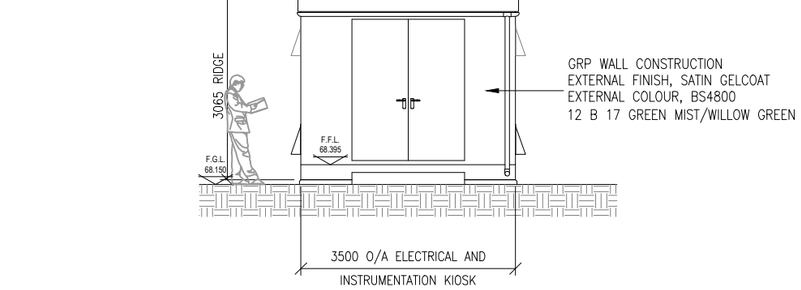
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Chkd. T.MALONE	Date 30/07/2025	sheet 1 of 1	
Apprd. J.LENNON	Status PLANNING		



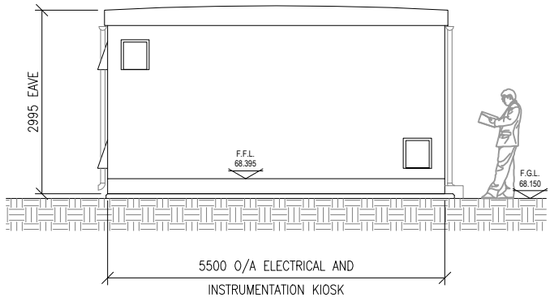
ELECTRICAL AND INSTRUMENTATION KIOSK
FLOOR PLAN
(Scale 1:100)



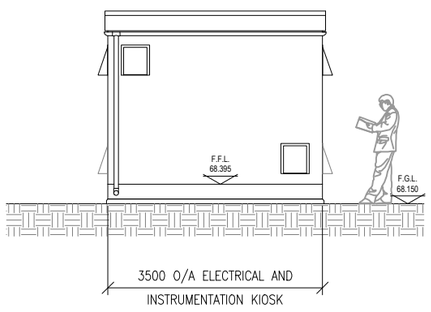
SECTION A–A
(Scale 1:100)



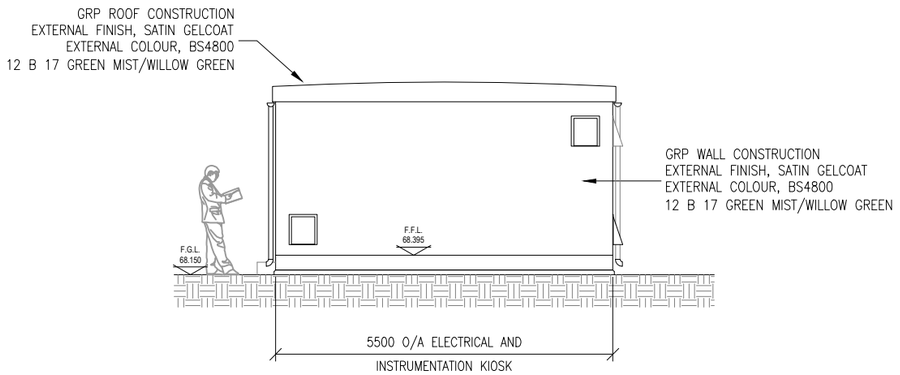
ELEVATION 1 – Facing North West
(Scale 1:100)



ELEVATION 2 – Facing North East
(Scale 1:100)



ELEVATION 3 – Facing South East
(Scale 1:100)



ELEVATION 4 – Facing South West
(Scale 1:100)

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PLANNING ISSUE

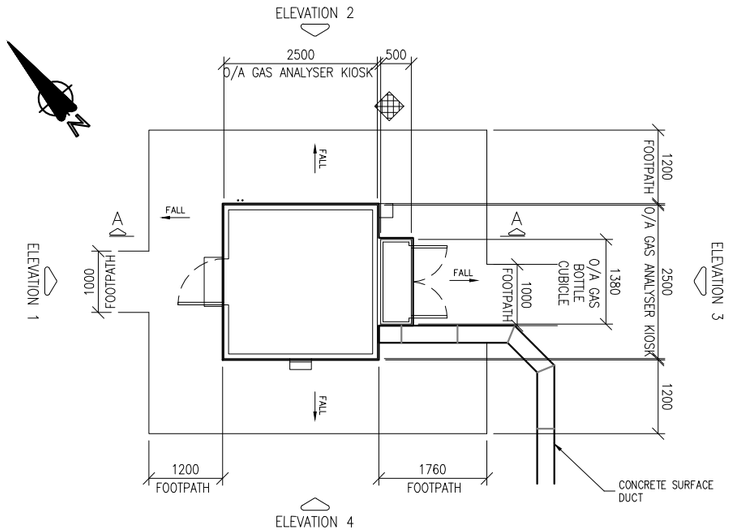
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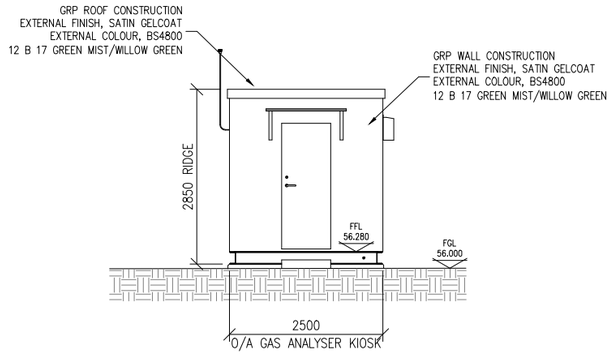
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FLOOR PLAN, SECTION & ELEVATIONS OF ELECTRICAL AND INSTRUMENTATION KIOSK

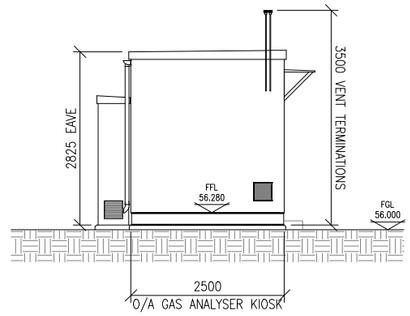
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D.MAILEY	1:100/A3	2183-DG-1005	2
Chkd. T.MALONE	Date 30/07/2025	sheet 1 of 1	
Apprd. J.LENNON	Status PLANNING		



GAS ANALYSER KIOSK
FLOOR PLAN
(Scale 1:100)



ELEVATION 1 – Facing North West
(Scale 1:100)

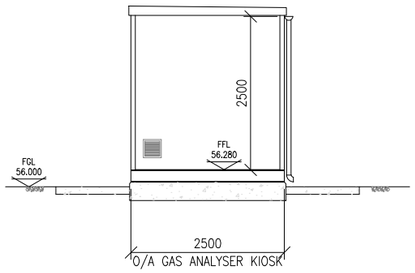


ELEVATION 2 – Facing North East
(Scale 1:100)

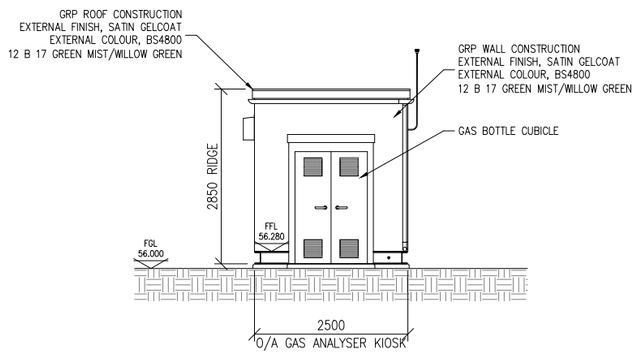
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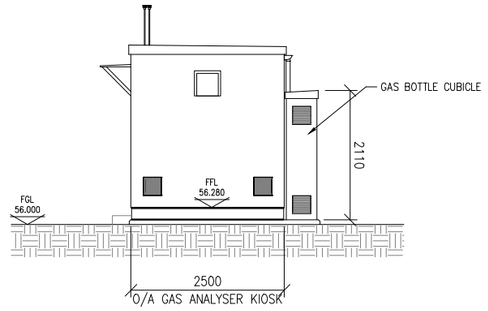
PLANNING ISSUE



SECTION A–A
(Scale 1:100)



ELEVATION 3 – Facing South East
(Scale 1:100)



ELEVATION 4 – Facing South West
(Scale 1:100)

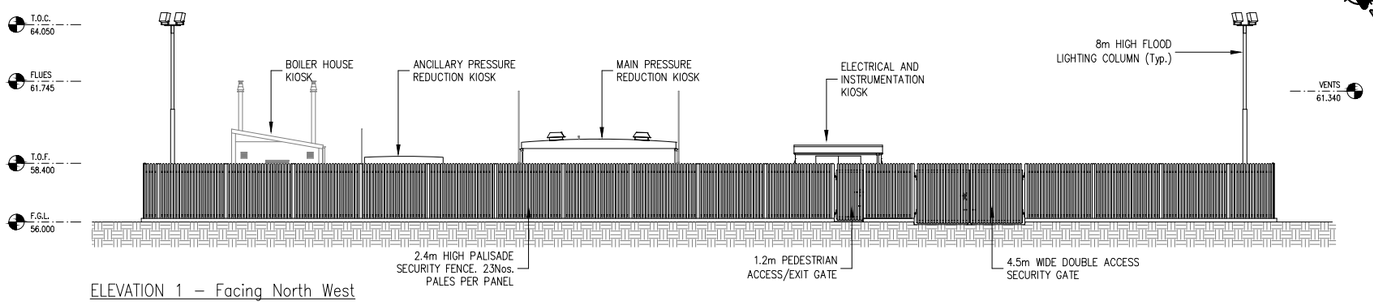
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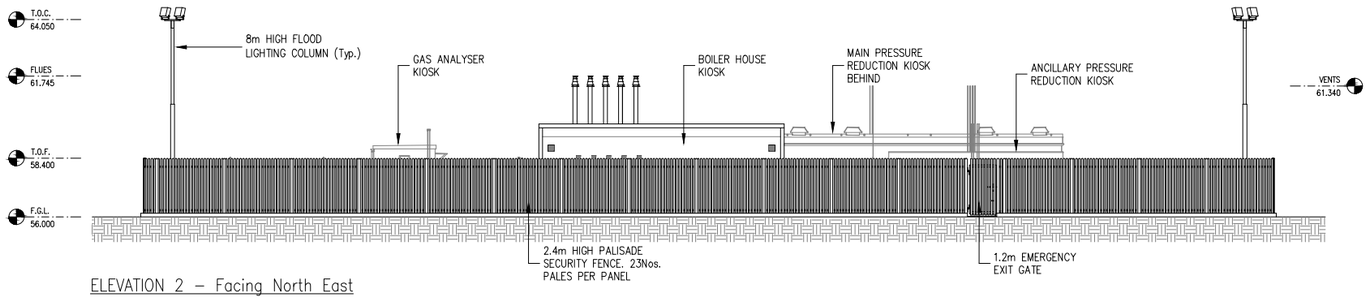
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Project
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FLOOR PLAN, SECTION & ELEVATIONS
OF GAS ANALYSER KIOSK

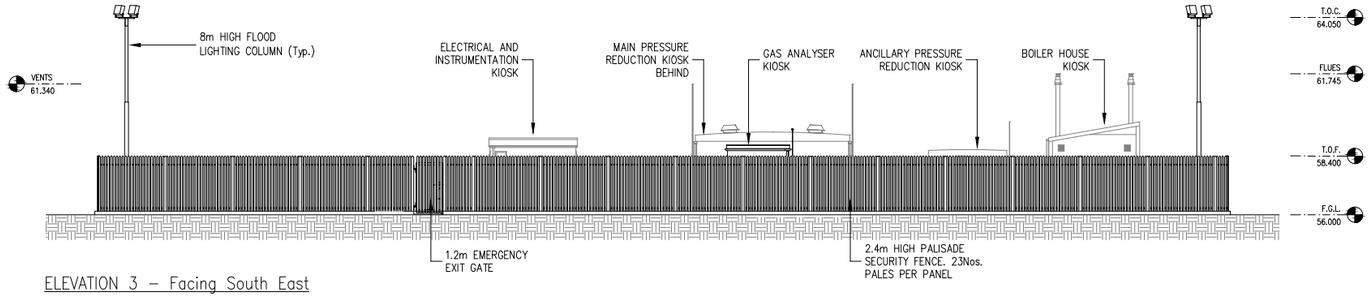
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Chkd. T.MALONE	Date 30/07/2025	sheet 1 of 1	
Apprd. J.LENNON	Status PLANNING		



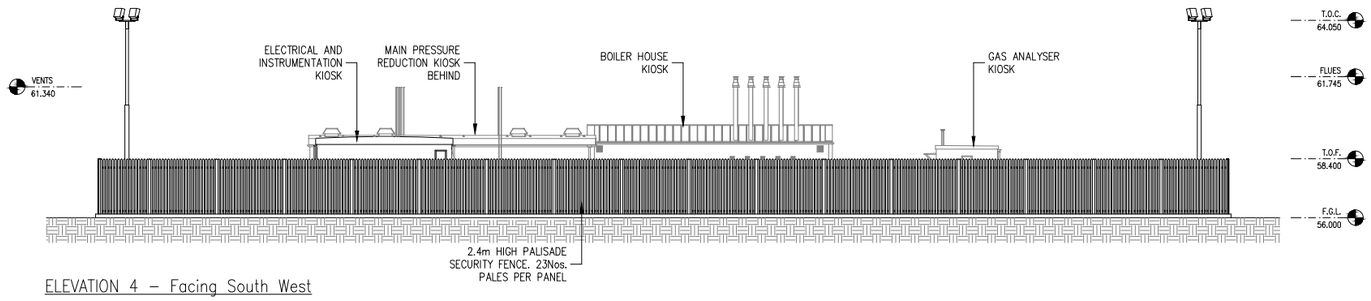
ELEVATION 1 – Facing North West
(Scale 1:250)



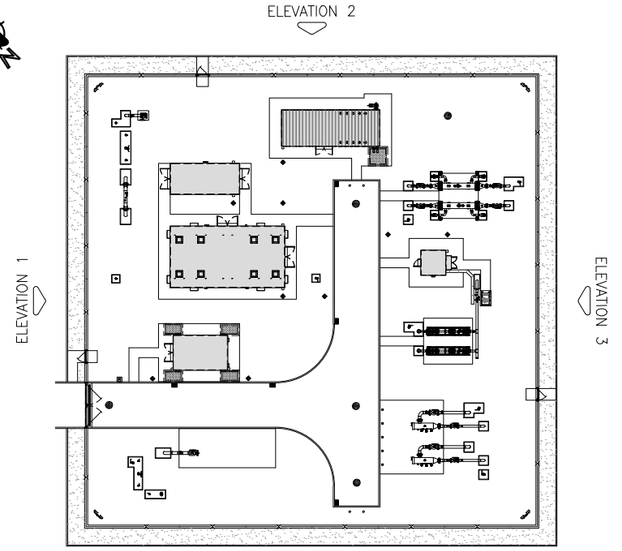
ELEVATION 2 – Facing North East
(Scale 1:250)



ELEVATION 3 – Facing South East
(Scale 1:250)



ELEVATION 4 – Facing South West
(Scale 1:250)



KEY PLAN
(Not to Scale)

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PLANNING ISSUE

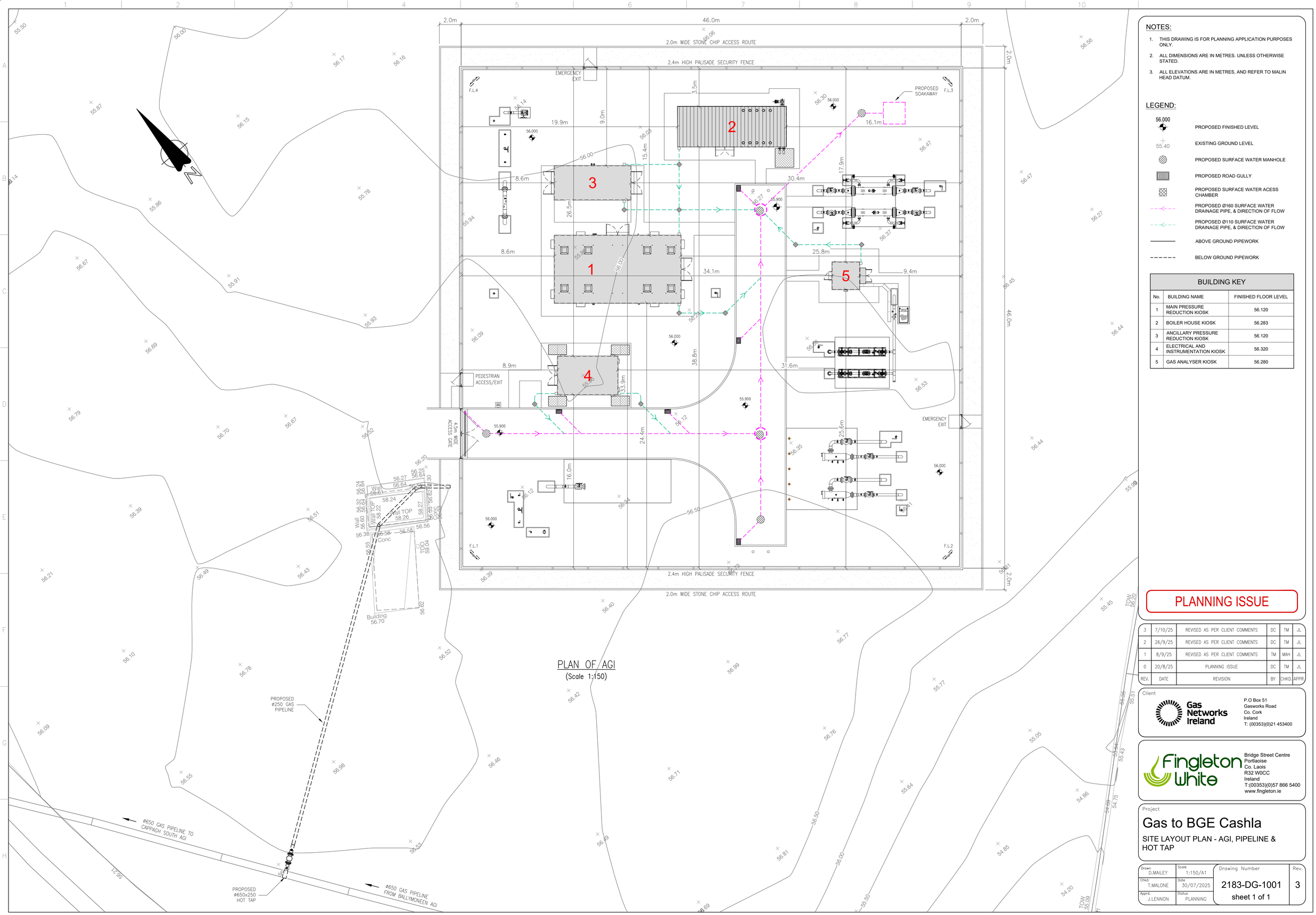
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PROPOSED SITE ELEVATIONS

Drawn	Scale	Drawing Number	Rev.
D.MAILEY	1:250/A3	2183-DG-1007	3
Chkd. T.MALONE	Date 30/07/2025	sheet 1 of 1	
Apprd. J.LENNON	Status PLANNING		



PLAN OF AGI
(Scale 1:150)

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LEGEND:

56.000	PROPOSED FINISHED LEVEL
55.40	EXISTING GROUND LEVEL
	PROPOSED SURFACE WATER MANHOLE
	PROPOSED ROAD GULLY
	PROPOSED SURFACE WATER ACESS CHAMBER
	PROPOSED Ø160 SURFACE WATER DRAINAGE PIPE, & DIRECTION OF FLOW
	PROPOSED Ø110 SURFACE WATER DRAINAGE PIPE, & DIRECTION OF FLOW
	ABOVE GROUND PIPEWORK
	BELOW GROUND PIPEWORK

BUILDING KEY

No.	BUILDING NAME	FINISHED FLOOR LEVEL
1	MAIN PRESSURE REDUCTION KIOSK	56.120
2	BOILER HOUSE KIOSK	56.283
3	ANCILLARY PRESSURE REDUCTION KIOSK	56.120
4	ELECTRICAL AND INSTRUMENTATION KIOSK	56.320
5	GAS ANALYSER KIOSK	56.280

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Project

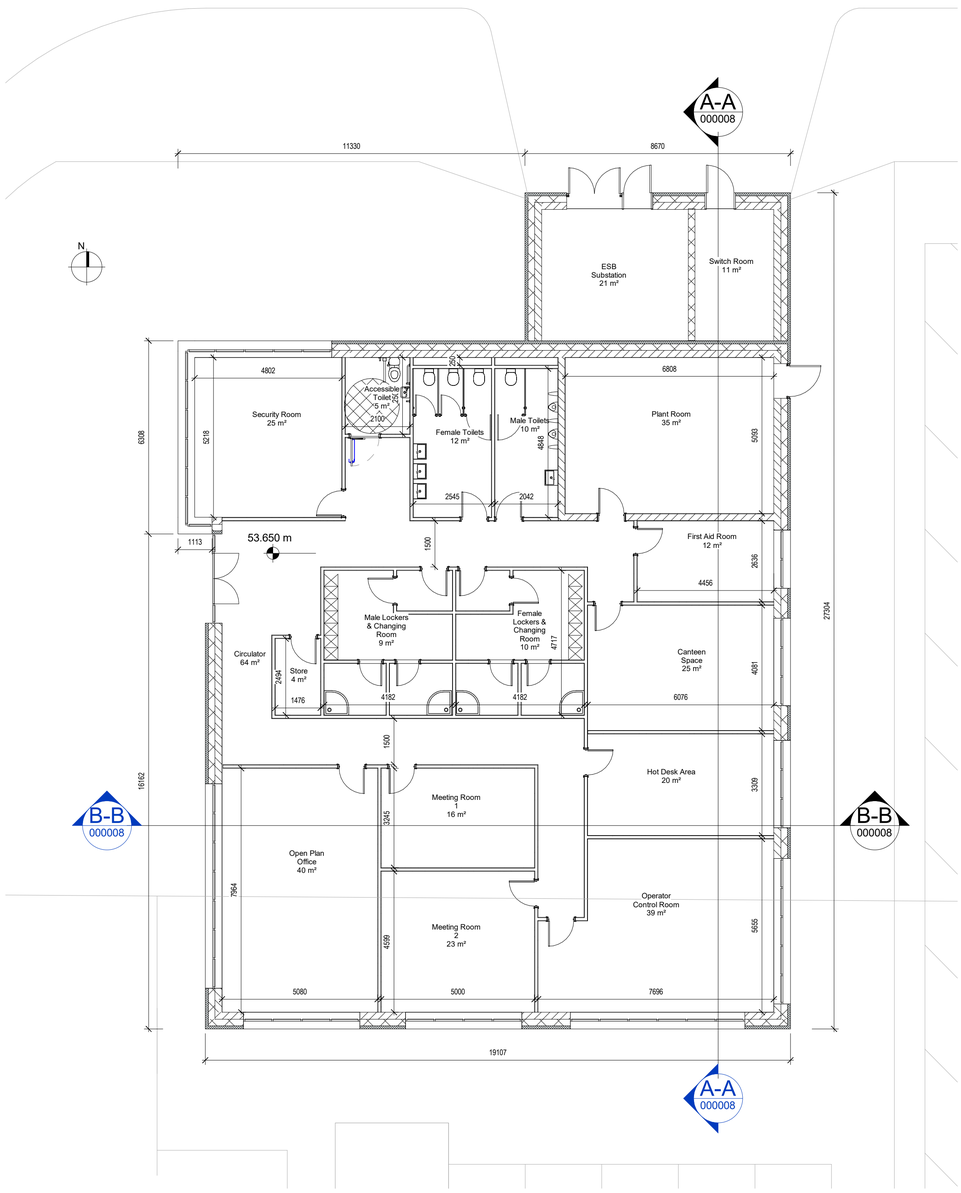
Gas to BGE Cashla

SITE LAYOUT PLAN - AGI, PIPELINE & HOT TAP

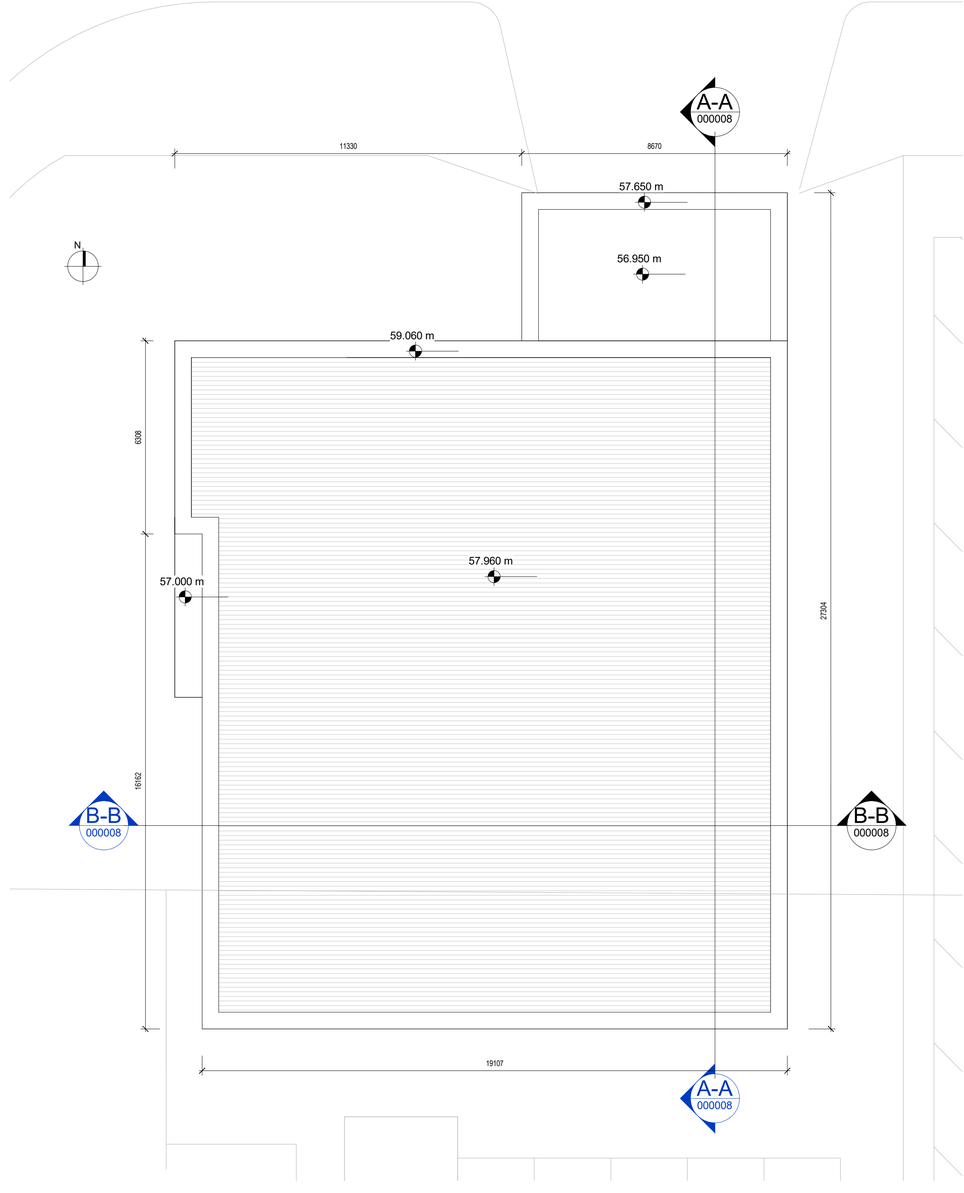
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Chkd.: T.MALONE	Date: 30/07/2025		
Apprd.: J.LENNON	Status: PLANNING	sheet 1 of 1	

DO NOT SCALE

Millimetres 0 10 100



1 00007 00 - Level - Administration Building Plan
SCALE 1 : 100

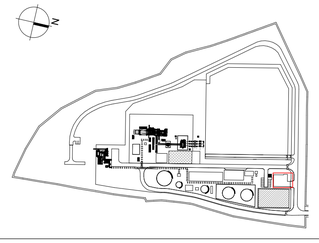


2 000007 02 - Level - Roof Level - Administration Building Plan
SCALE 1 : 100

GENERAL NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE
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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

Key Plan



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2026	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING
Status: P

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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: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: Administration Building & ESB Substation - Floor Plan

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AH	JM	AJB	AJB
Original Size	Date	Date	Date	Date
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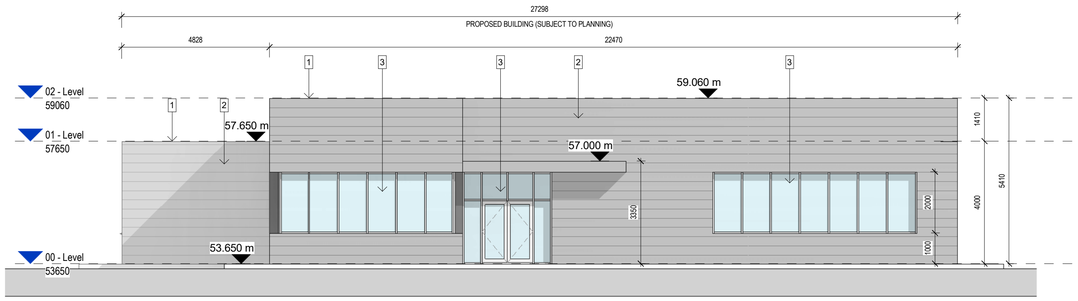
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Revision: P00

Atkins Project Number: IREBIM1

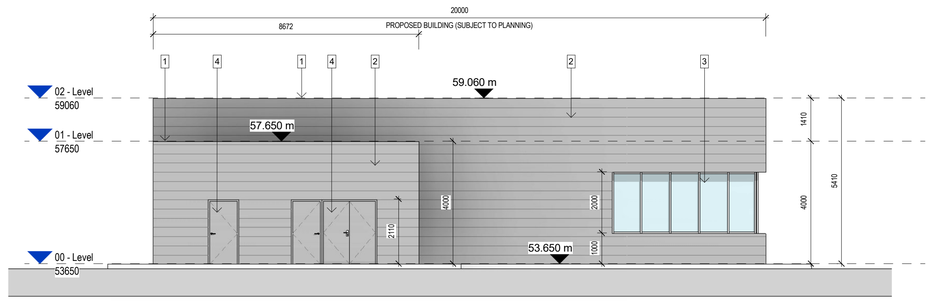
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CLASSIFICATION - AtkinsRéalis Base Line (Low Risk)

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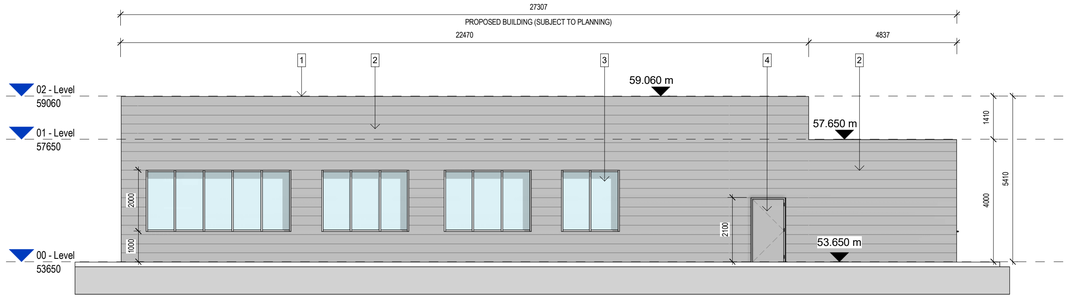
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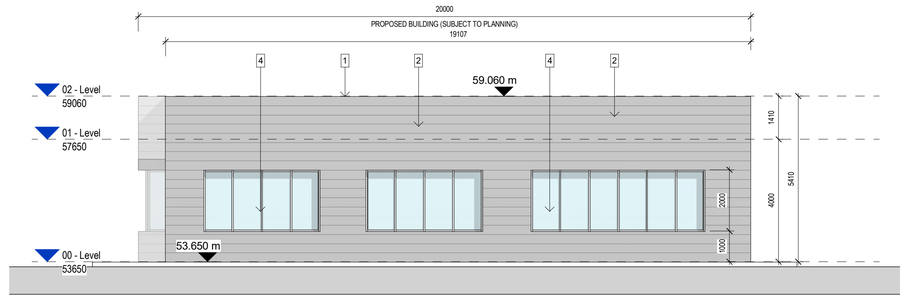
1 West Elevation
000008 SCALE 1 : 100



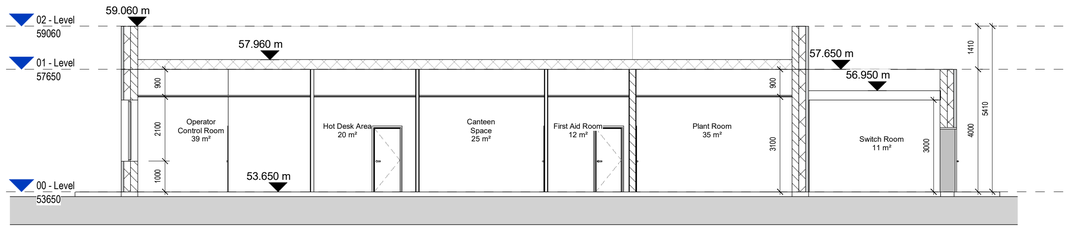
2 North Elevation
000008 SCALE 1 : 100



3 East Elevation
000008 SCALE 1 : 100



4 South Elevation
000008 SCALE 1 : 100



A-A Section A-A
000008 SCALE 1 : 100



B-B Section B-B
000008 SCALE 1 : 100

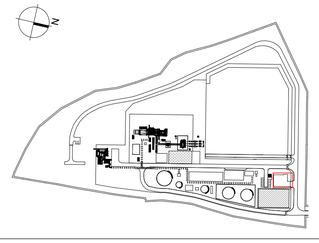
GENERAL NOTES

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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

FINISHES LEGEND:

1. Parapet Roof
2. Kingspan Panel KS1000 MR to selected Neutral RAL colour
3. Aluminum window frames to selected Neutral RAL colour
4. Steel door to selected RAL colour

Key Plan



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2026	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING
Status: P

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: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: Administration Building & ESB Substation - Elevations & Sections

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AH	JM	AJ	AJ
Original Size	**Date**	**Date**	**Date**	**Date**
A1	25-06-2025	25-06-2025	25-06-2025	25-06-2025

Drawing Number: PEK3-ATK-ZZ-ZZ-DR-A-ATK-000008
Revision: P00

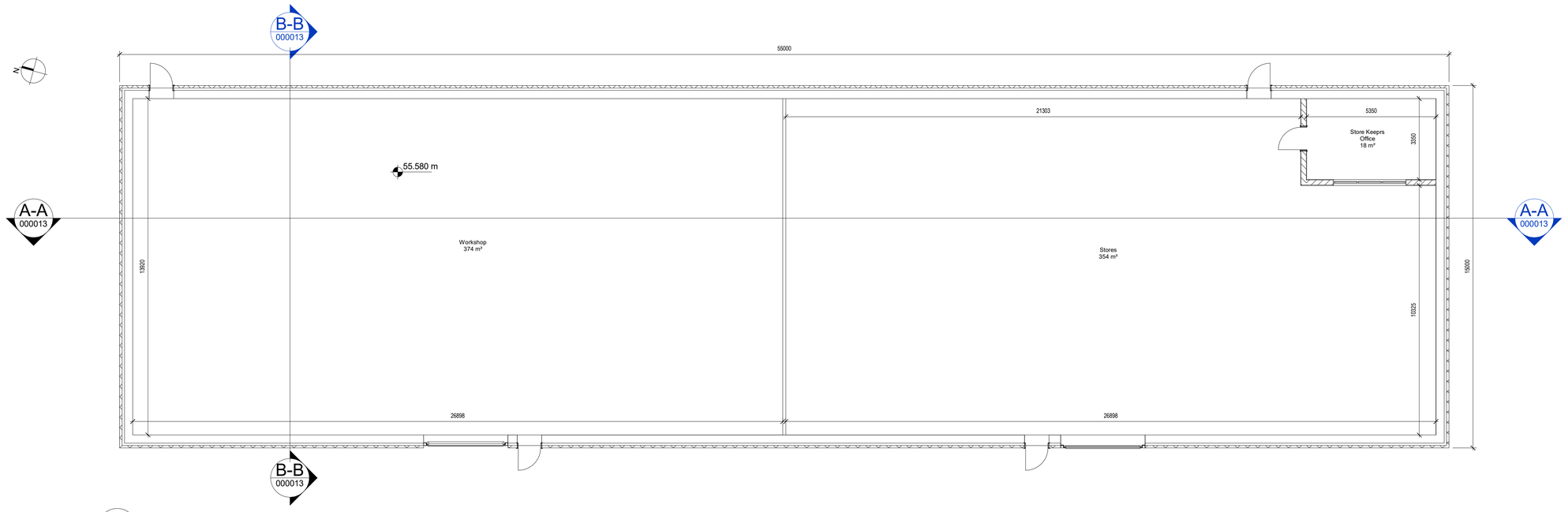
Atkins Project Number: IREBIM1

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CLASSIFICATION - AtkinsRéalis Base Line (Low Risk)

DO NOT SCALE

Millimetres 0 10 100



1 / 000011 — 00 - Level - Workshop GF
SCALE 1 : 100

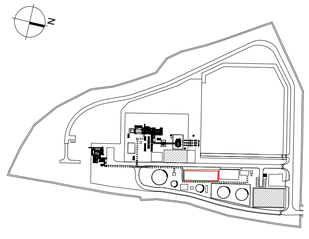


2 / 000011 — 02 - Level - 02 - Roof Plan
SCALE 1 : 100

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Key Plan



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2026	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING
Status: P

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

Client: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: Workshop Building Plan

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AH	JM	AJ	AJB
Original Size	**Date**	**Date**	**Date**	**Date**
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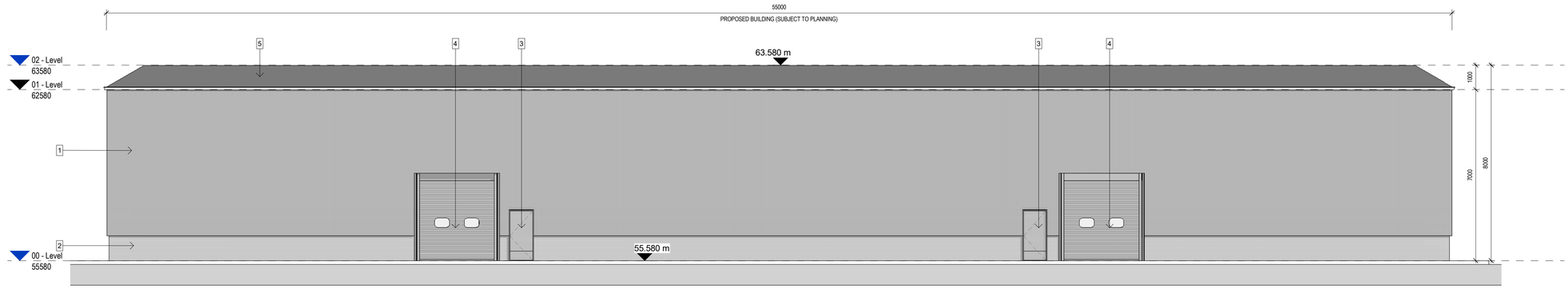
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Revision: P00

Atkins Project Number: IREBIM1

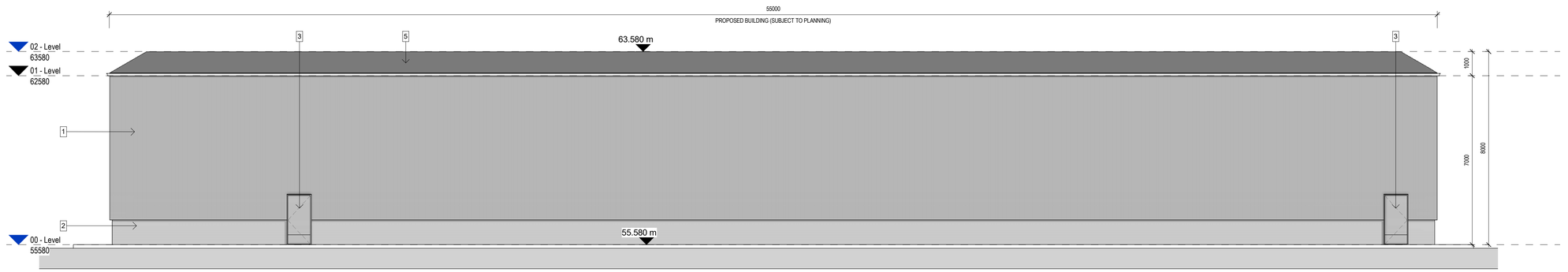
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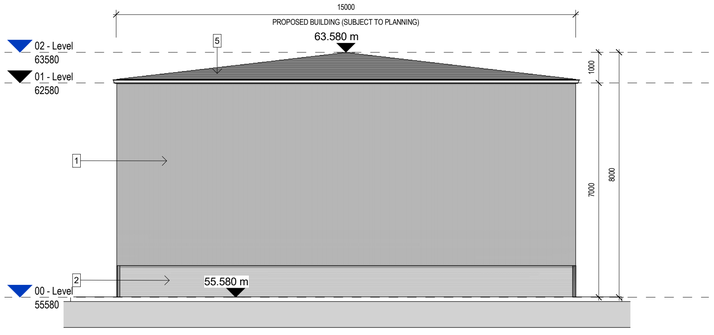
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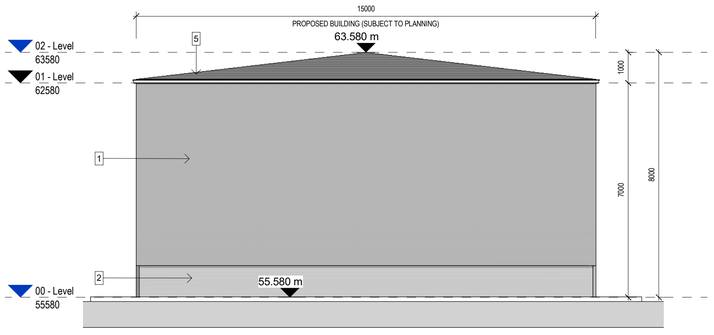
1 West Elevation
000012 SCALE 1 : 100



2 East Elevation
000012 SCALE 1 : 100



3 South Elevation
000012 SCALE 1 : 100



4 North Elevation
000012 SCALE 1 : 100

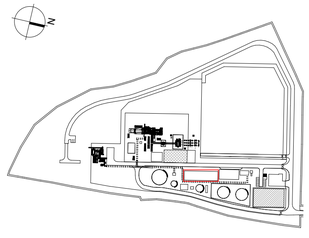
GENERAL NOTES

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FINISHES LEGEND:

1	Kingspan Panel KS1000 MR to selected Neutral RAL colour
2	External leaf block on edge with two coats of render selected Neutral RAL colour.
3	Steel door to selected RAL colour
4	Roller shutter door to selected RAL colour
5	Kingspan Panel Lo Pitch Roof Panel to selected RAL colour

Key Plan



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2026	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING
Status: P

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Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: Workshop Building Elevations

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AH	JM	AJB	AJB
Original Size	Date	Date	Date	Date
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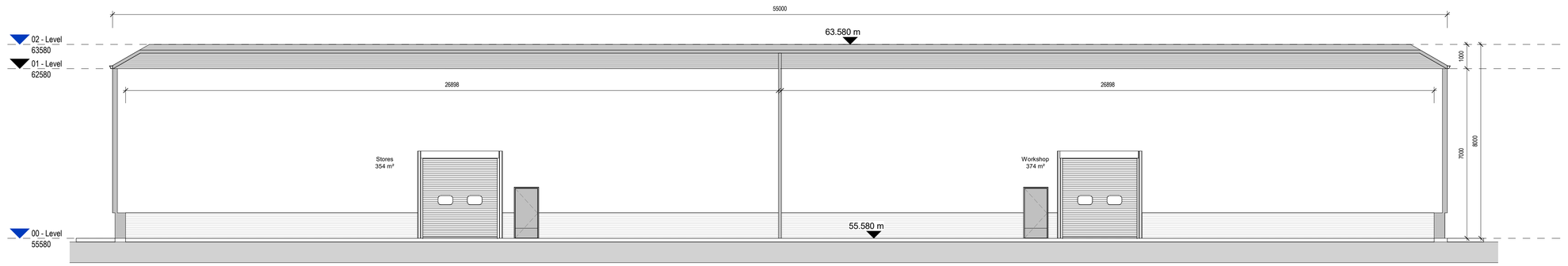
Drawing Number: PEK3-ATK-ZZ-ZZ-DR-A-ATK-000012
Revision: P00

Work in-Progress 14/01/2026 14:41:21
Atkins Project Number IREBIM1

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CLASSIFICATION - AtkinsRéalis Base Line (Low Risk)

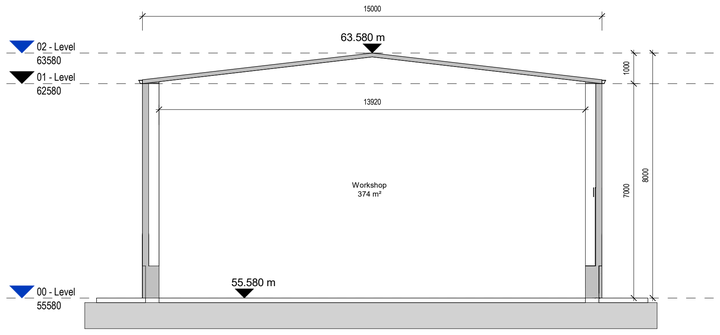
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A-A Section A-A

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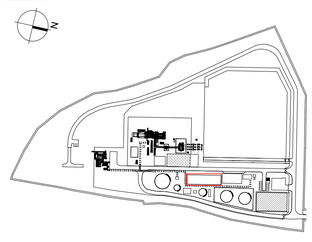
B-B Section B-B

000013 SCALE 1 : 100

GENERAL NOTES

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Key Plan



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2026	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING

Status: P

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

Client: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: Workshop Building Sections

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AH	JM	AJ	AJ
Original Size	**Date**	**Date**	**Date**	**Date**
A1	25-06-2025	25-06-2025	26-06-2025	26-06-2025

Drawing Number: PEK3-ATK-ZZ-ZZ-DR-A-ATK-000013

Revision: P00

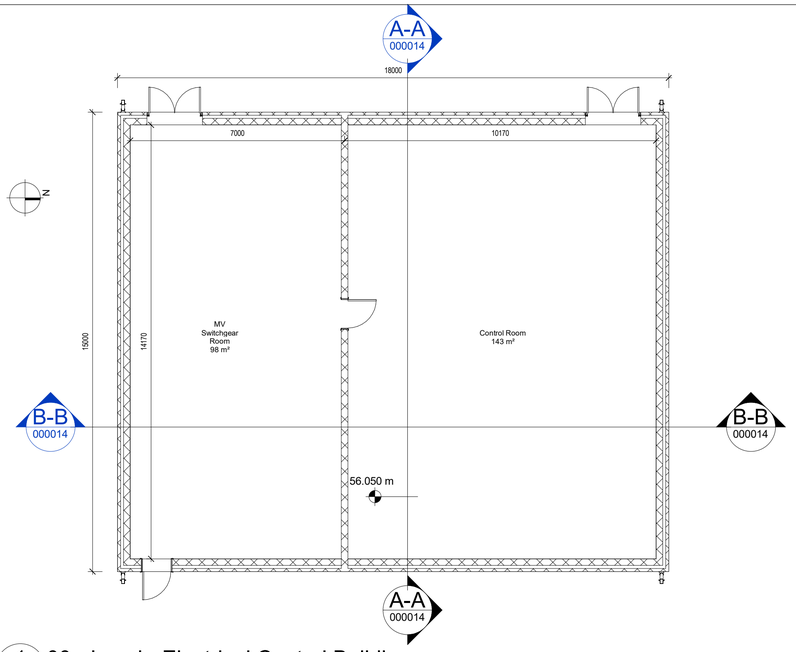
Atkins Project Number: IREBIM1

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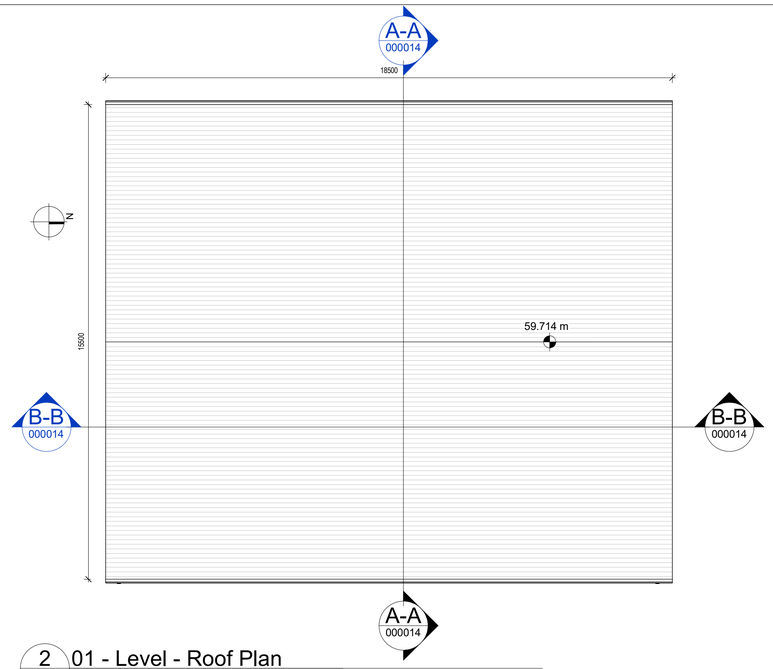
CLASSIFICATION - AtkinsRéalis Base Line (Low Risk)

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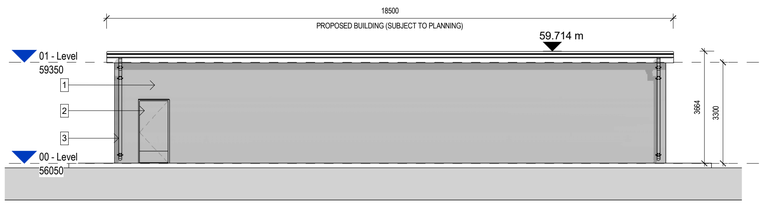
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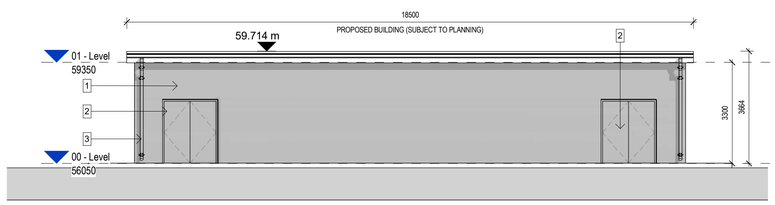
1 00 - Level - Electrical Control Building
000014 SCALE 1 : 100



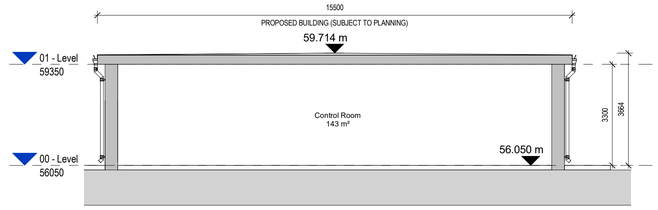
2 01 - Level - Roof Plan
000014 SCALE 1 : 100



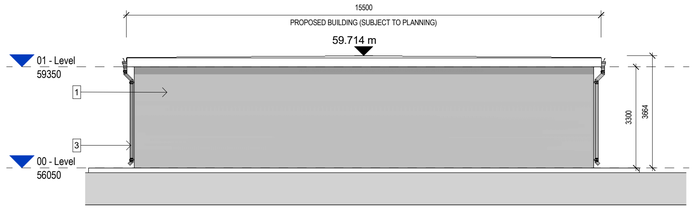
3 East Elevation
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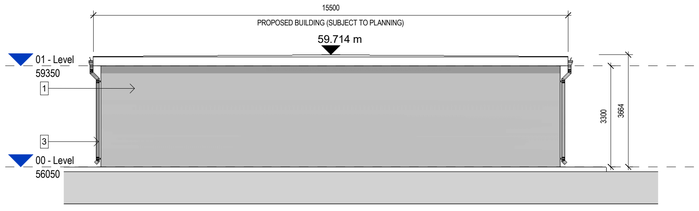
4 West Elevation
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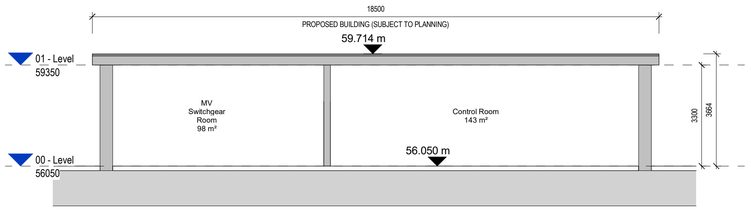
A-A Section A-A
000014 SCALE 1 : 100



5 North Elevation
000014 SCALE 1 : 100



6 South Elevation
000014 SCALE 1 : 100



B-B Section B-B
000014 SCALE 1 : 100

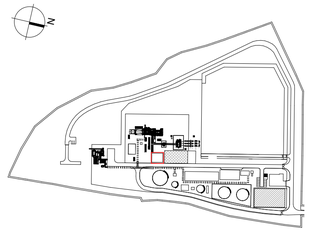
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FINISHES LEGEND:

1. Scud Render & Float in Sand White Cement Plaster Roughcast Finish
2. Steel door to selected RAL colour
3. RWP

Key Plan



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2026	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING
Status: P

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Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: Electrical Control Building

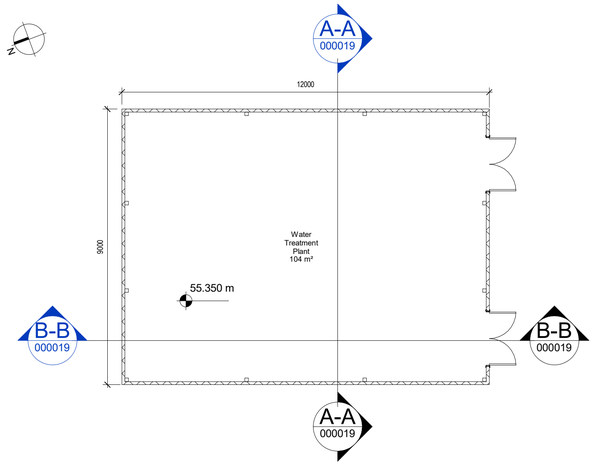
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As indicated	AH	JM	AJB	AJB
Original Size	Date	Date	Date	Date
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Drawing Number: PEK3-ATK-ZZ-ZZ-DR-A-ATK-000014
Revision: P00

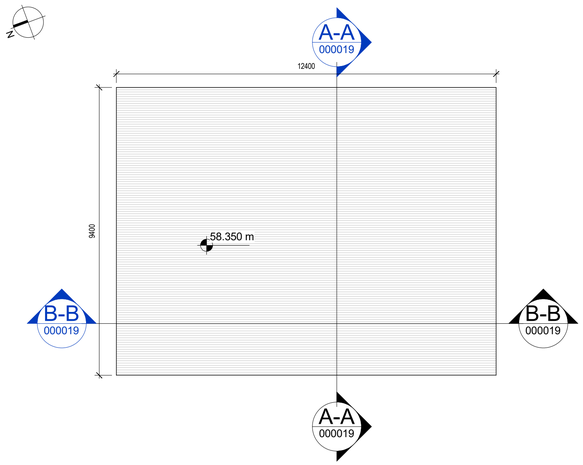
Atkins Project Number: IREBIM1

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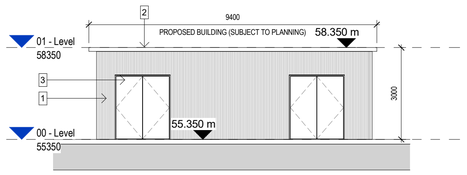
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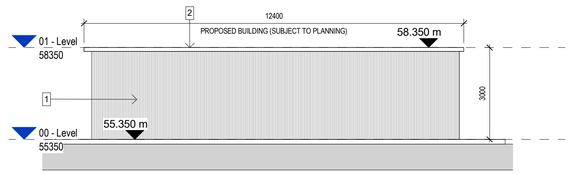
1 000019 00 - Level - Water Treatment Plant
SCALE 1 : 100



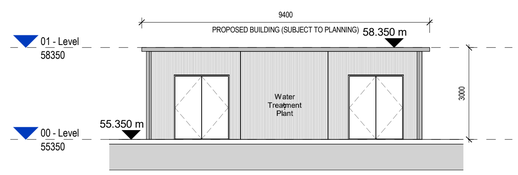
2 000019 01 - Level - 01 - Roof Level Water Treatment Plant
SCALE 1 : 100



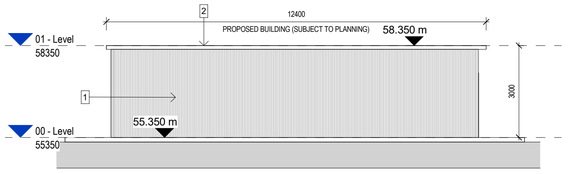
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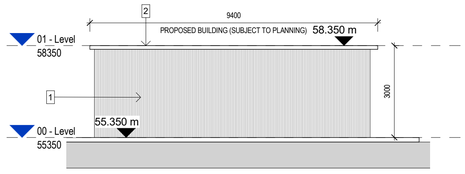
4 000019 East Elevation
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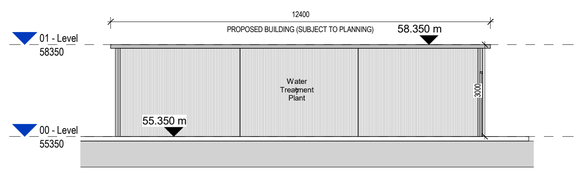
A-A 000019 Section A-A
SCALE 1 : 100



5 000019 West Elevation
SCALE 1 : 100



6 000019 North Elevation
SCALE 1 : 100



B-B 000019 Section B-B
SCALE 1 : 100

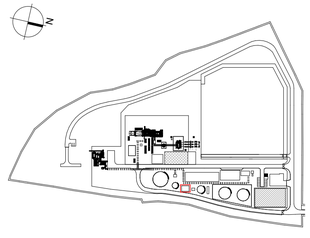
GENERAL NOTES

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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

FINISHES LEGEND:

1 Kingspan Panel KS1000 MR to selected Neutral RAL colour
2 Kingspan Panel Lo Pitch Roof Panel to selected Neutral RAL colour
3 Steel door to selected RAL colour

Key Plan



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2026	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING
Status: P

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

Client: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: Water Treatment Plant

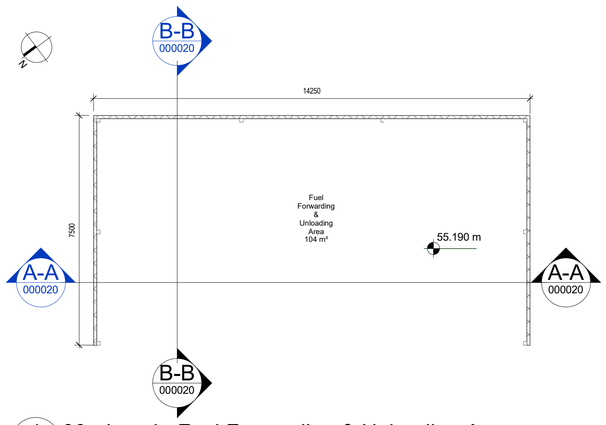
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As indicated	AH	JM	AJ	AJB
Original Size	**Date**	**Date**	**Date**	**Date**
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Drawing Number: PEK3-ATK-ZZ-ZZ-DR-A-ATK-000019
Revision: P00

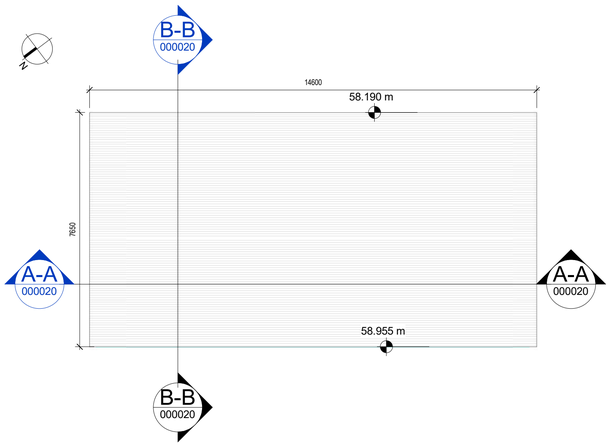
Atkins Project Number: IREBIM1

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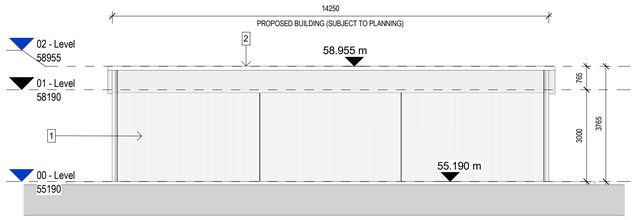
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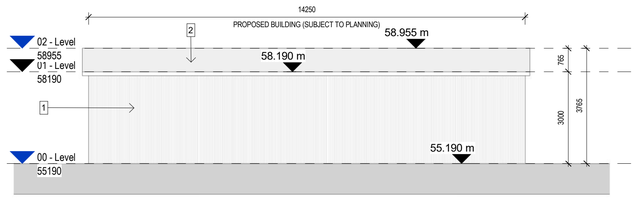
1 000020 00 - Level - Fuel Forwarding & Unloading Area
SCALE 1 : 100



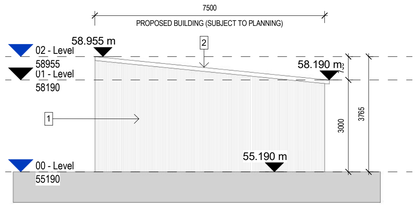
2 000020 02 - Level - Roof Level Fuel Forwarding & Unloading Area
SCALE 1 : 100



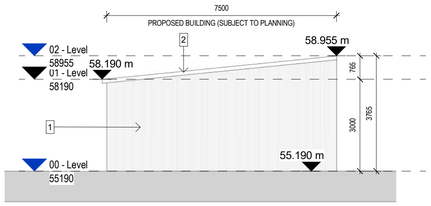
3 000020 North/West Elevation
SCALE 1 : 100



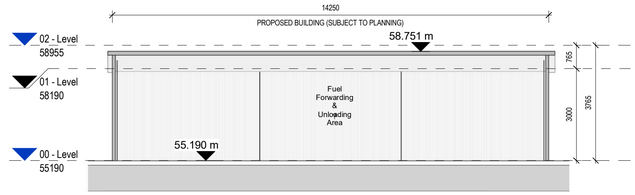
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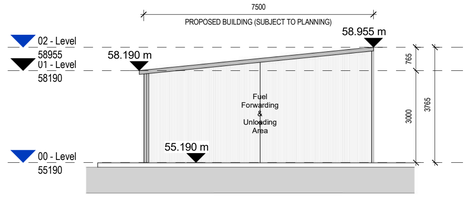
5 000020 South/West Elevation
SCALE 1 : 100



6 000020 North/East Elevation
SCALE 1 : 100



A-A 000020 Section A-A
SCALE 1 : 100



B-B 000020 Section B-B
SCALE 1 : 100

GENERAL NOTES

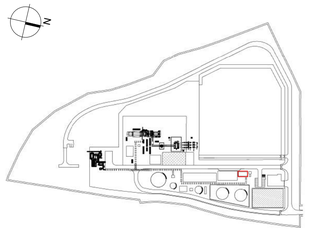
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FINISHES LEGEND:

1 Kingspan Panel KS1000 MR to selected Neutral RAL colour

2 Kingspan Panel Lo Pitch Roof Panel to selected Neutral RAL colour

Key Plan



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2026	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING
Status: P

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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: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: Fuel Forwarding & Unloading Area

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AH	JM	AJB	AJB
Original Size	**Date**	**Date**	**Date**	**Date**
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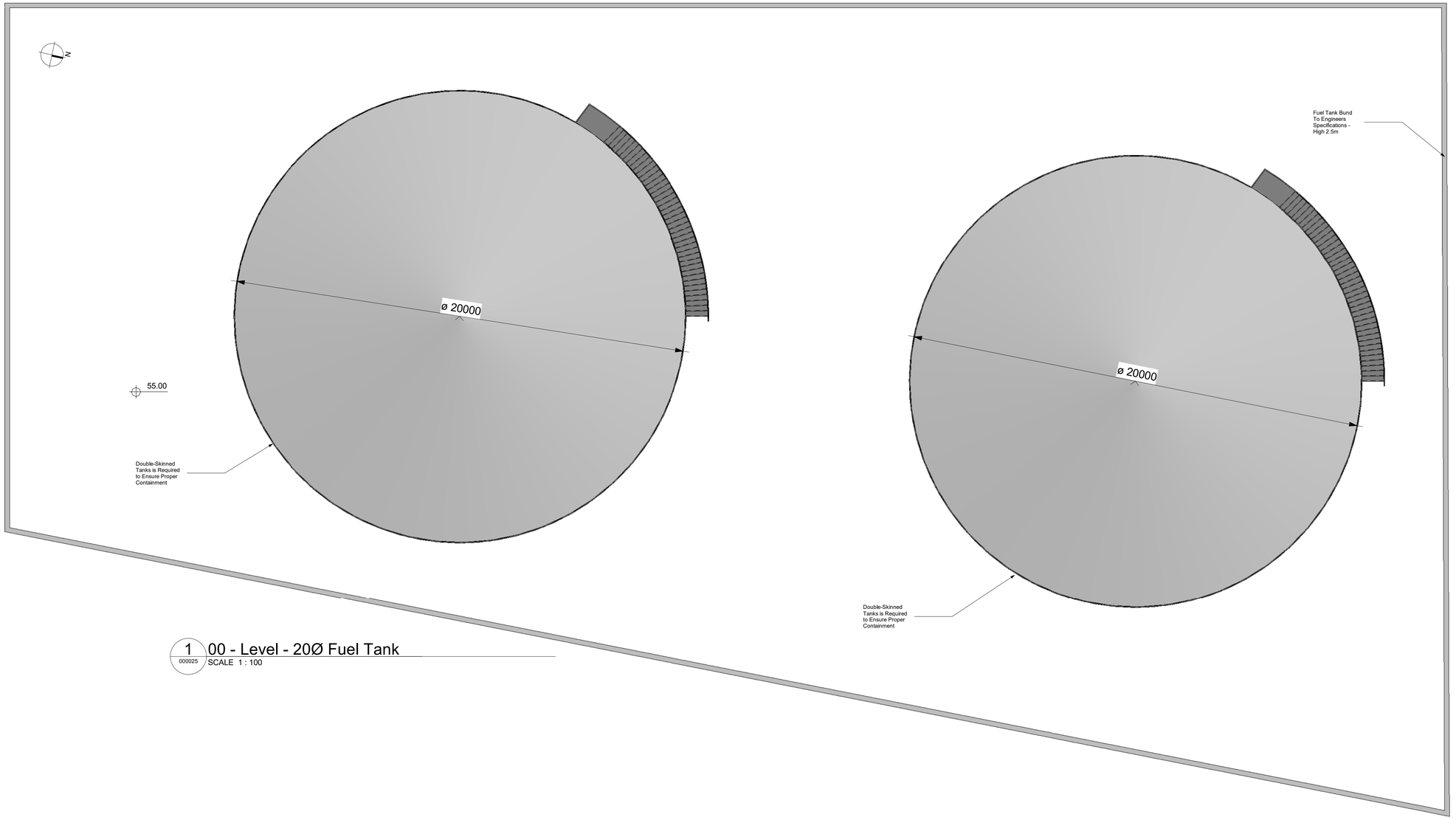
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Revision: P00

Atkins Project Number: IREBIM1

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Millimetres 0 10 100



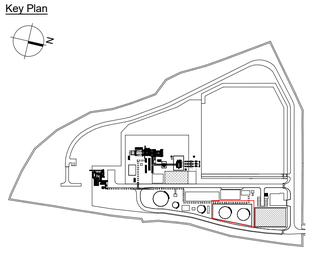
1 / 000025 00 - Level - 20Ø Fuel Tank

SCALE 1 : 100

GENERAL NOTES

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Key Plan



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2026	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING

Status: P

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Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: 20Ø Fuel Tank - Plan

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AH	JM	AJB	AJB
Original Size	**Date**	**Date**	**Date**	**Date**
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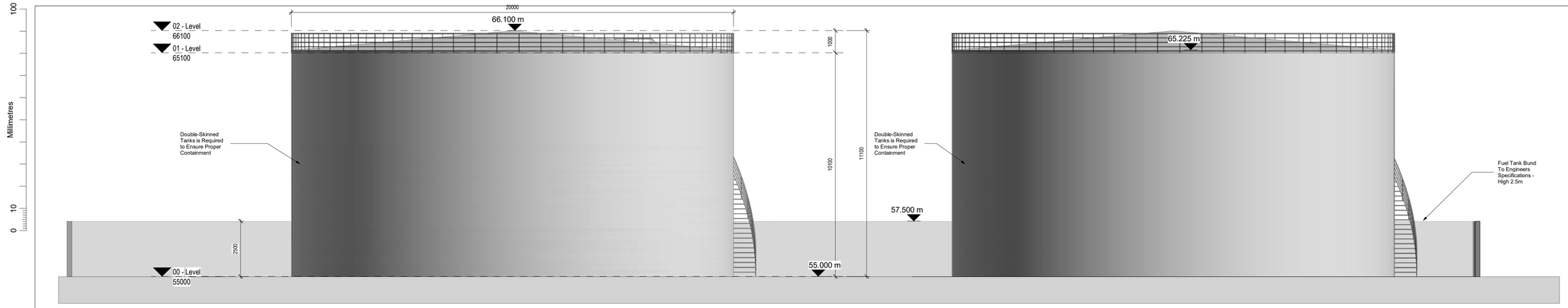
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Revision: P00

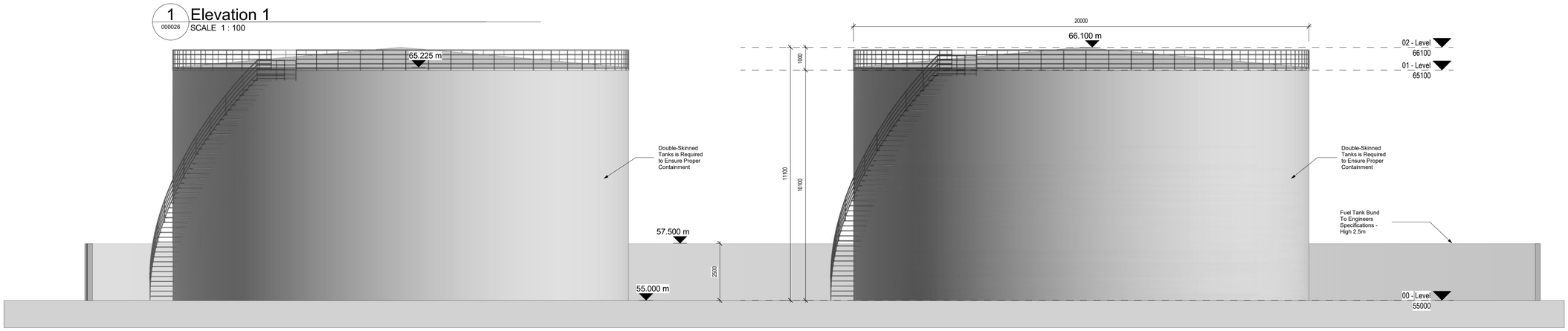
Atkins Project Number: IREBIM1

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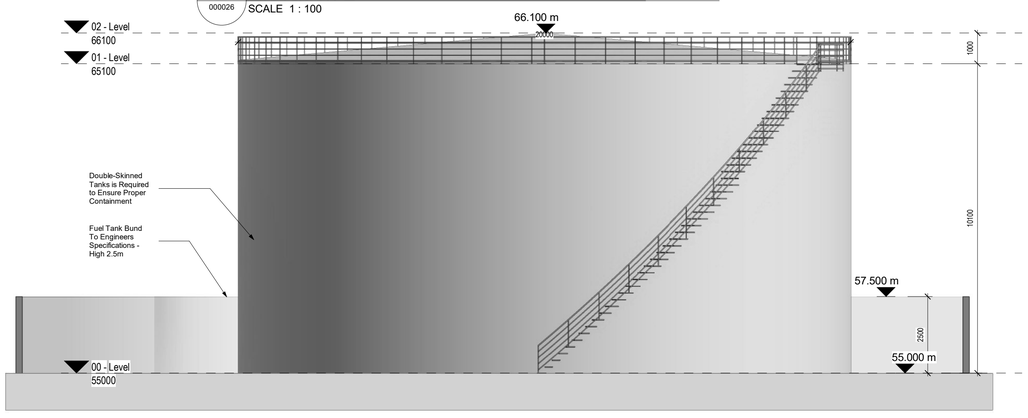
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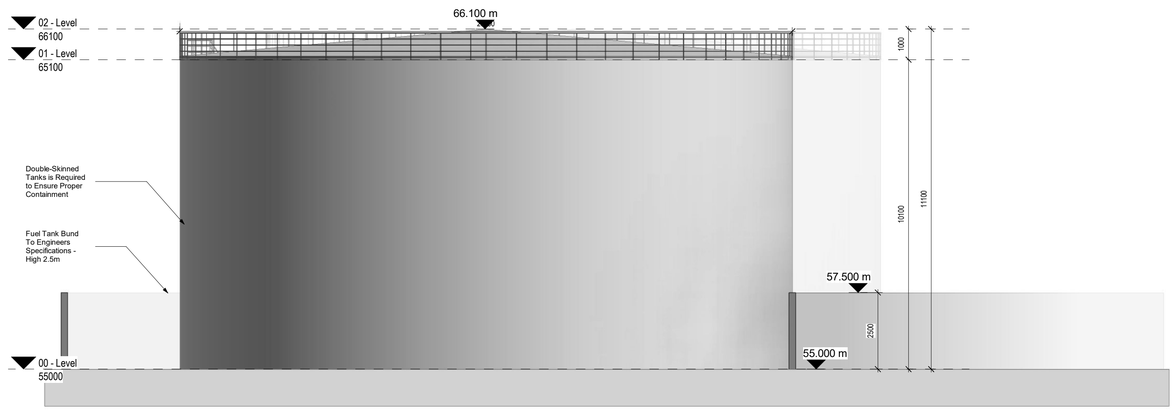
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000026 SCALE 1 : 100



2 Elevation 2
000026 SCALE 1 : 100



3 Elevation 3
000026 SCALE 1 : 100

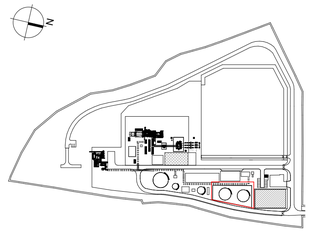


4 Elevation 4
000026 SCALE 1 : 100

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Key Plan



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2026	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING
Status: P

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Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: 20Ø Fuel Tank Elevations

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AH	JM	AJ	AJ
Original Size	**Date**	**Date**	**Date**	**Date**
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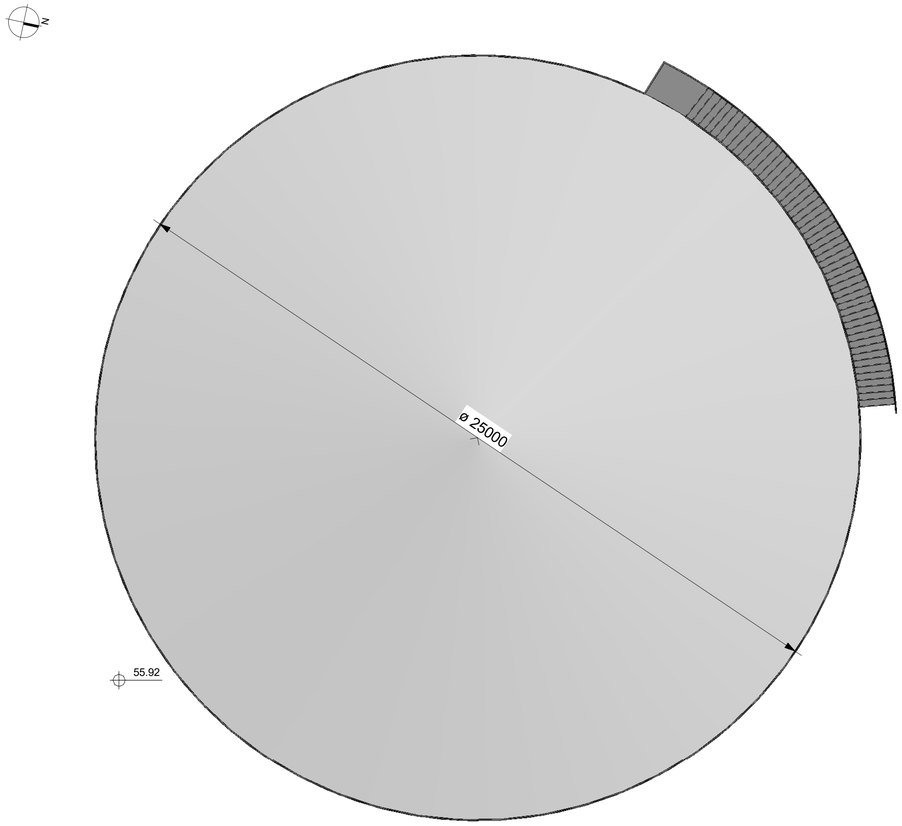
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Revision: P00

Atkins Project Number: IREBIM1

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DO NOT SCALE

Millimetres 0 10 100

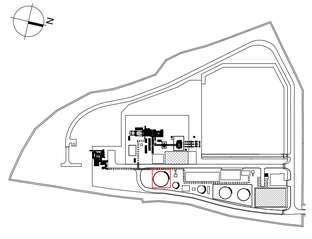


1 000027 00 - Level - 25Ø Demin Water Tank
SCALE 1 : 100

GENERAL NOTES

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Key Plan



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2026	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING
Status: P

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Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: 25Ø Demin Water Tank - Plan

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AH	JM	AJB	AJB
Original Size	Date	Date	Date	Date
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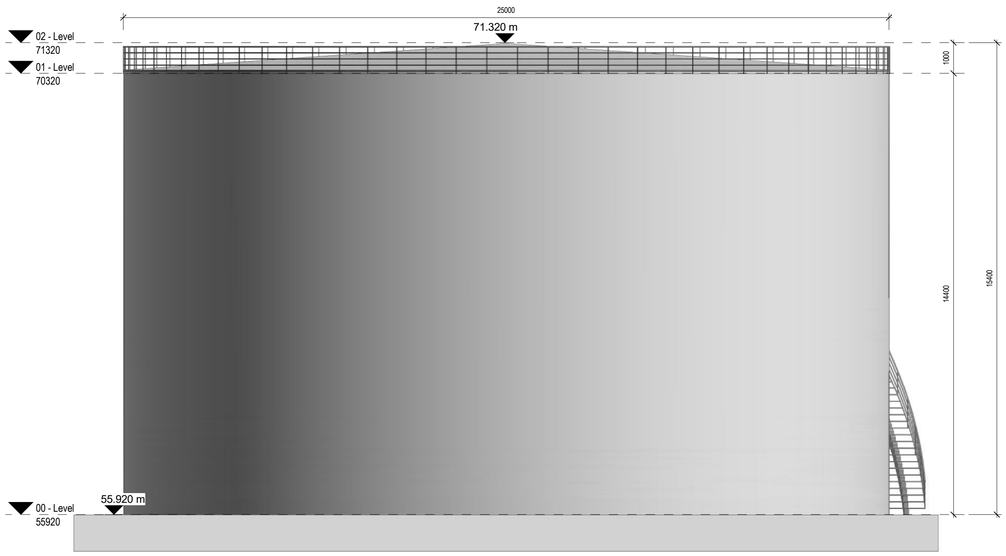
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Revision: P00

Atkins Project Number: IREBIM1

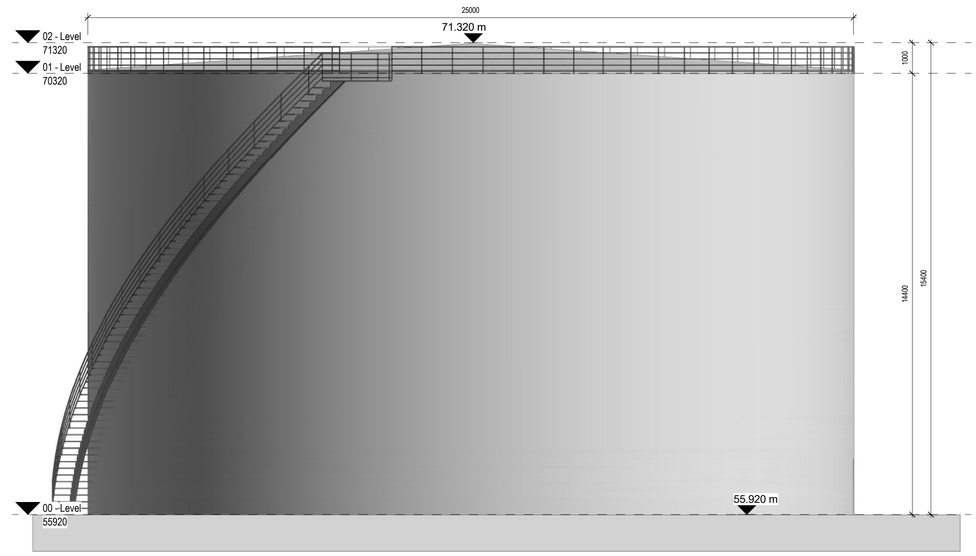
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DO NOT SCALE

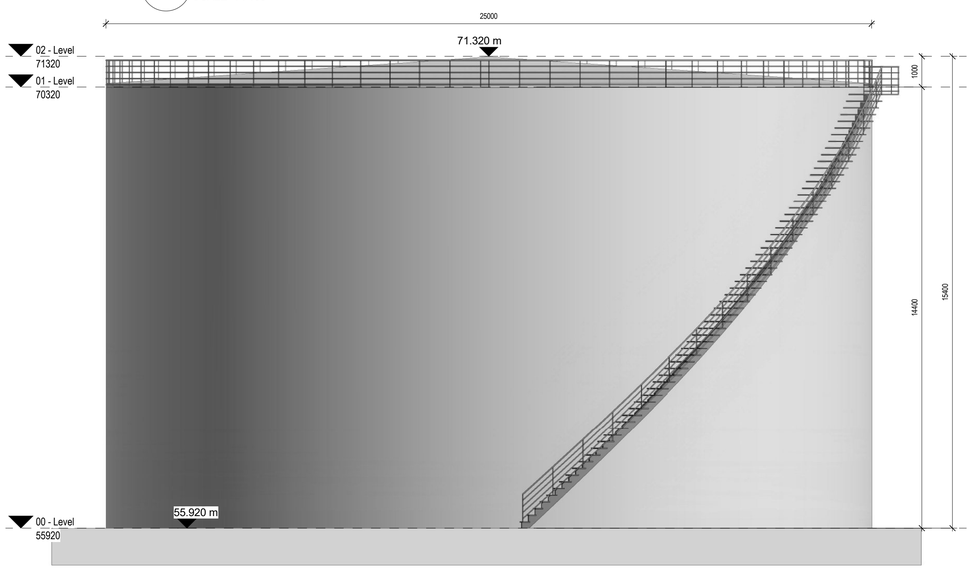
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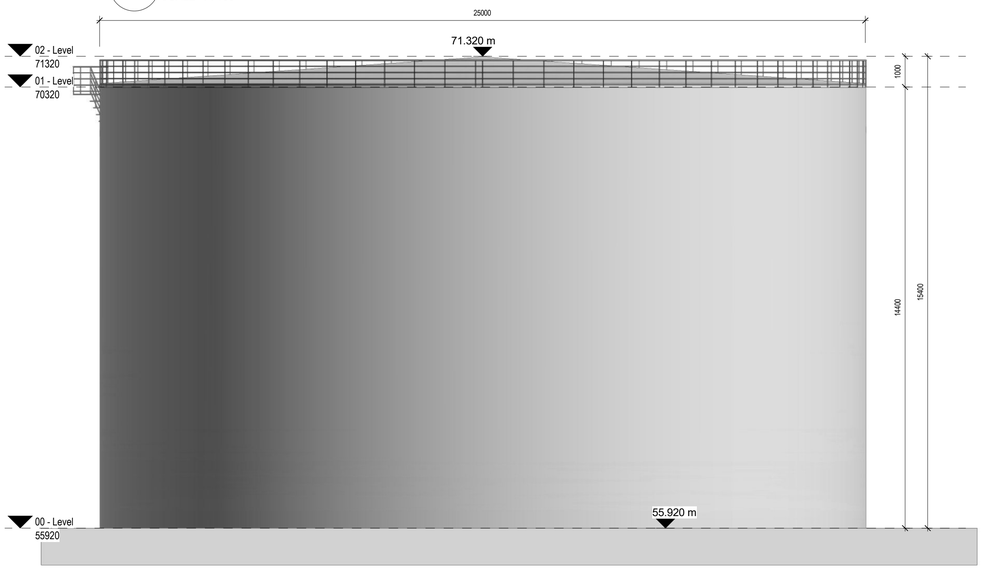
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2 Elevation 2
000028 SCALE 1 : 100



3 Elevation 3
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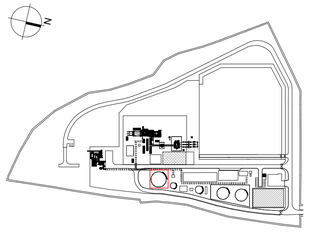


4 Elevation 4
000028 SCALE 1 : 100

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Key Plan



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2026	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING
Status: P

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Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: 25Ø Demin Water Tank - Elevations

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AH	JM	AJ	AJB
Original Size	**Date**	**Date**	**Date**	**Date**
A1	25-06-2025	25-06-2025	26-06-2025	26-06-2025

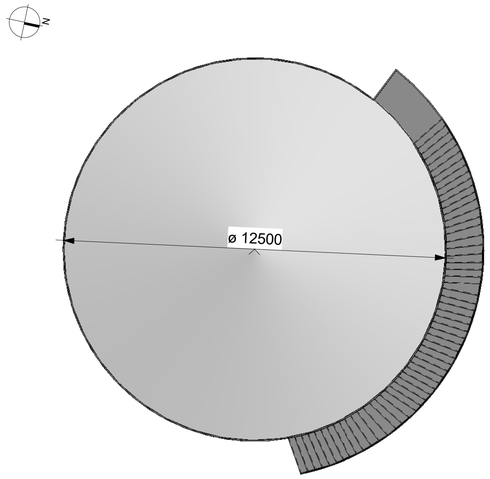
Drawing Number: PEK3-ATK-ZZ-ZZ-DR-A-ATK-000028
Revision: P00

Atkins Project Number: IREBIM1

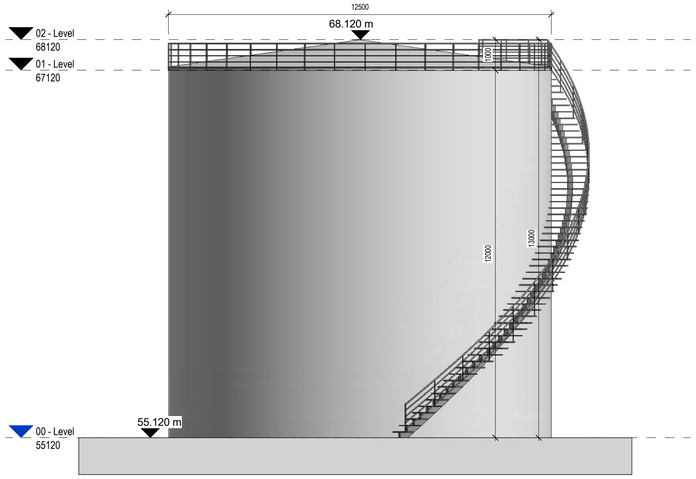
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CLASSIFICATION - AtkinsRéalis Base Line (Low Risk)

DO NOT SCALE

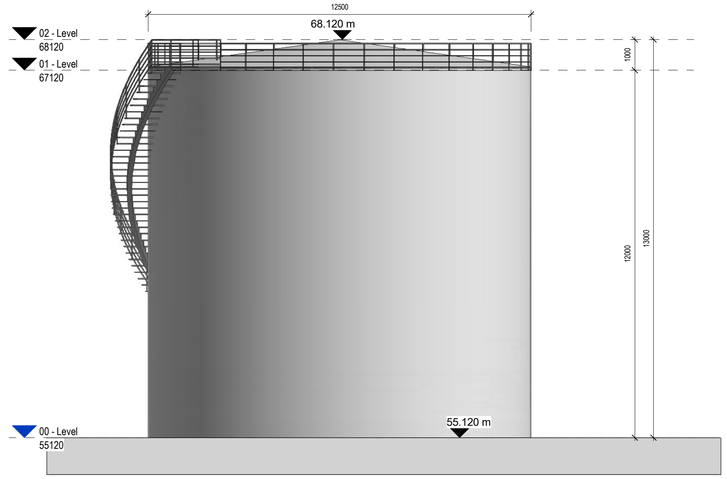
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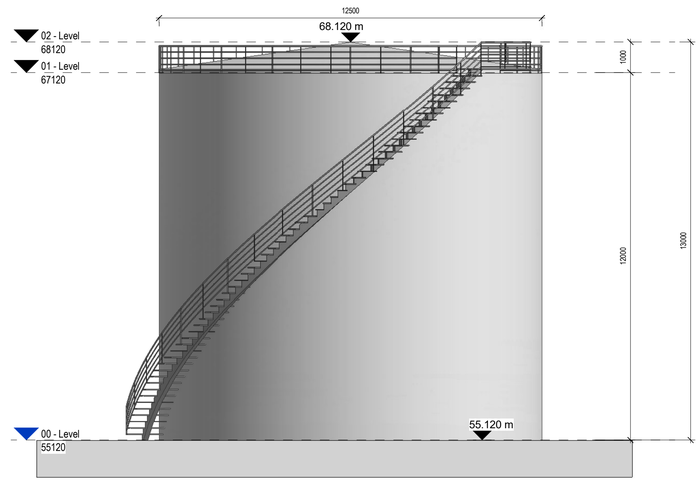
1 000029 00 - Level - 12.5Ø Fire & Service Water Tank
SCALE 1 : 100



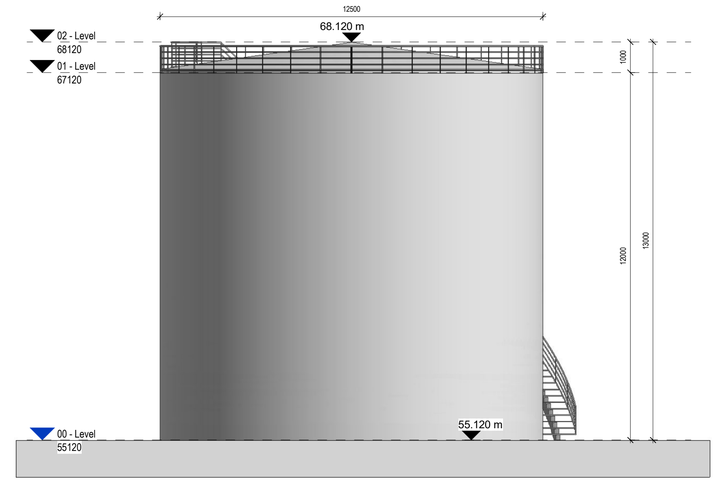
2 000029 Elevation 1
SCALE 1 : 100



3 000029 Elevation 2
SCALE 1 : 100



4 000029 Elevation 3
SCALE 1 : 100

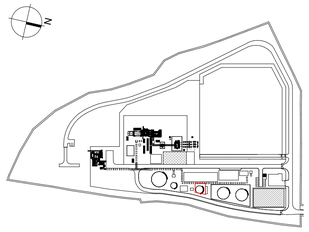


5 000029 Elevation 4
SCALE 1 : 100

GENERAL NOTES

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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

Key Plan



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2026	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING
Status: P

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: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: 12.5Ø Fire & Service Water Tank - Plan & Elevations

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AH	JM	AJB	AJB
Original Size	Date	Date	Date	Date
A1	25-06-2025	25-06-2025	26-06-2025	26-06-2025

Drawing Number: PEK3-ATK-ZZ-ZZ-DR-A-ATK-000029
Revision: P00

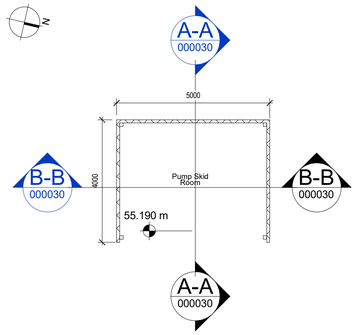
Atkins Project Number: IREBIM1

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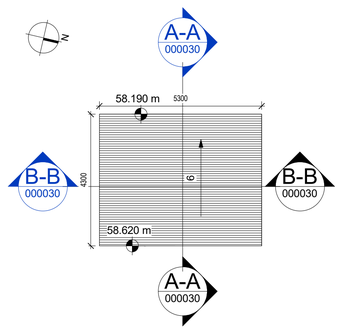
CLASSIFICATION - AtkinsRéalis Base Line (Low Risk)

DO NOT SCALE

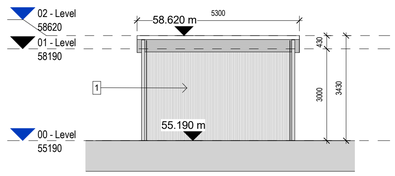
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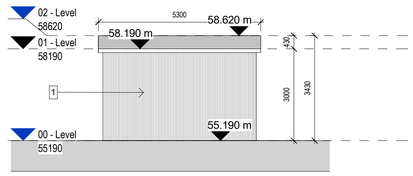
1 000030 00 - Level - Pump Skid
SCALE 1 : 100



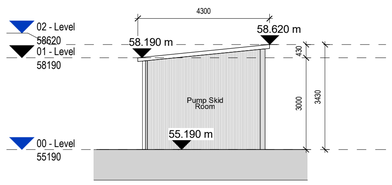
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SCALE 1 : 100



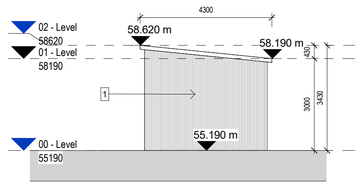
3 000030 East Elevation
SCALE 1 : 100



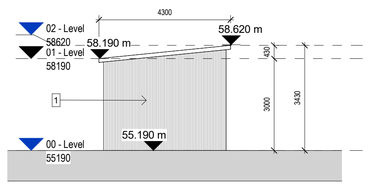
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SCALE 1 : 100



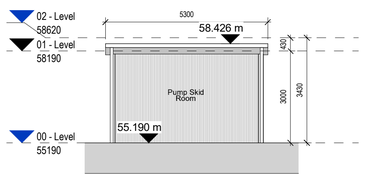
A-A 000030 Section A-A
SCALE 1 : 100



5 000030 North Elevation
SCALE 1 : 100



6 000030 South Elevation
SCALE 1 : 100



B-B 000030 Section B-B
SCALE 1 : 100

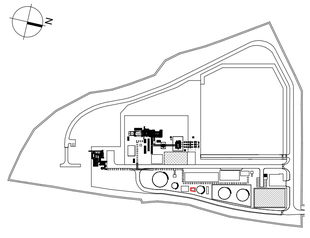
GENERAL NOTES

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5. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION

FINISHES LEGEND:

1 Steel Panel to selected Neutral RAL colour

Key Plan



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2026	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING
Status: P

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: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: Service Water Pump Skid - Plan, Elevations & Sections

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AH	JM	AJB	AJB
Original Size	Date	Date	Date	Date
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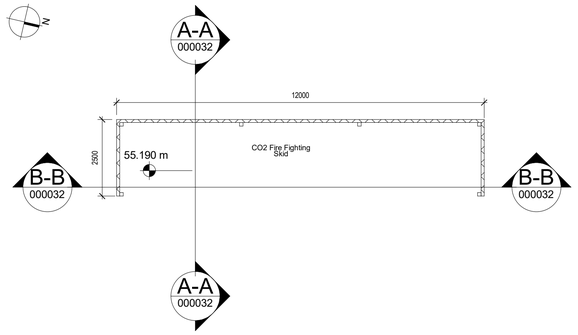
Drawing Number: PEK3-ATK-ZZ-ZZ-DR-A-ATK-000030
Revision: P00

Atkins Project Number: IREBIM1

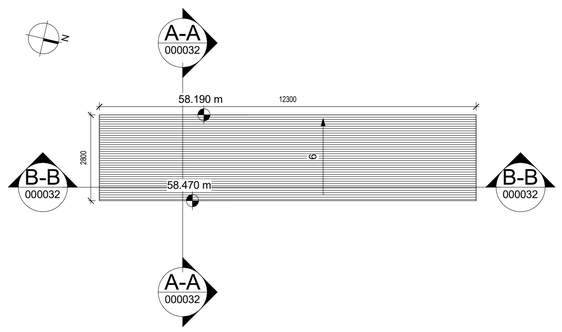
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CLASSIFICATION - AtkinsRéalis Base Line (Low Risk)

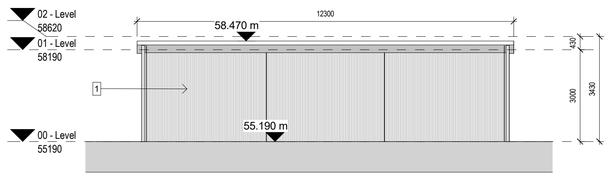
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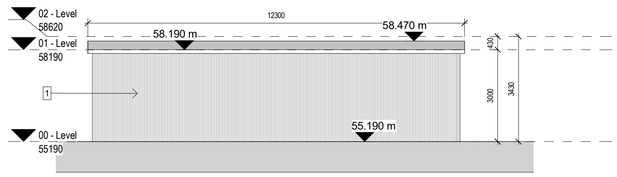
1 000032 00 - Level - CO2 Fire Fighting
SCALE 1 : 100



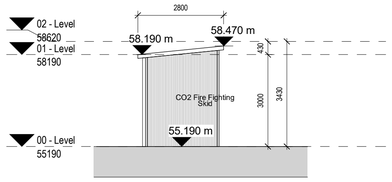
2 000032 02 - Level - 02 - Level
SCALE 1 : 100



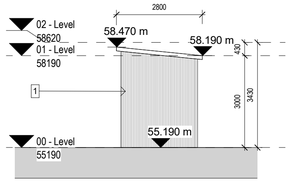
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SCALE 1 : 100



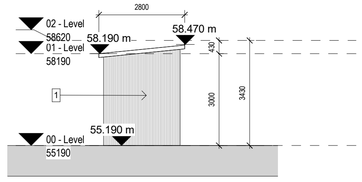
4 000032 West Elevation
SCALE 1 : 100



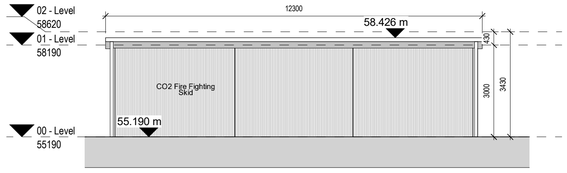
A-A 000032 Section A-A
SCALE 1 : 100



5 000032 North Elevation
SCALE 1 : 100



6 000032 South Elevation
SCALE 1 : 100



B-B 000032 Section B-B
SCALE 1 : 100

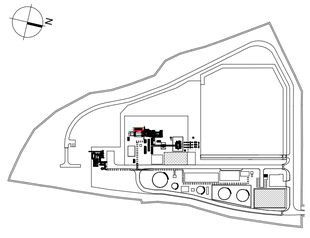
GENERAL NOTES

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5. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION

FINISHES LEGEND:

1 Steel Panel to selected Neutral RAL colour

Key Plan



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2025	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING
Status: P

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: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: CO2 Fire Fighting Skid - Plan, Elevations & Sections

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AH	JM	AJ	AJ
Original Size	Date	Date	Date	Date
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Drawing Number: PEK3-ATK-ZZ-ZZ-DR-A-ATK-000032
Revision: P00

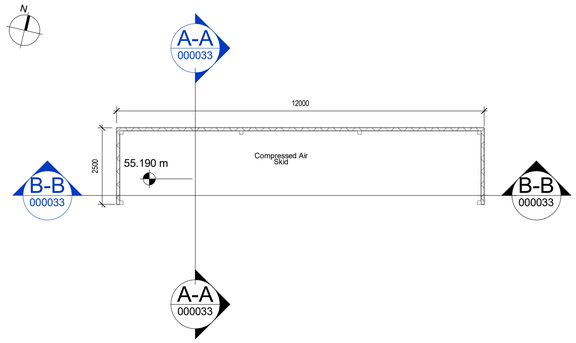
Atkins Project Number: IREBIM1

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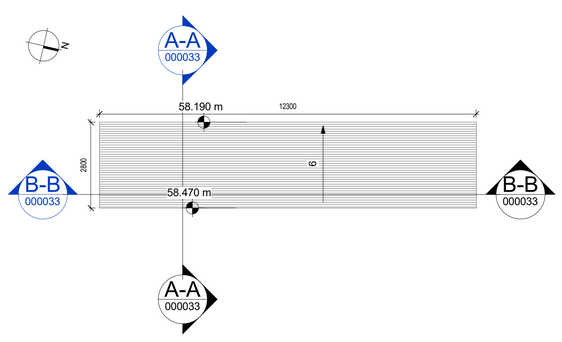
CLASSIFICATION - AtkinsRéalis Base Line (Low Risk)

DO NOT SCALE

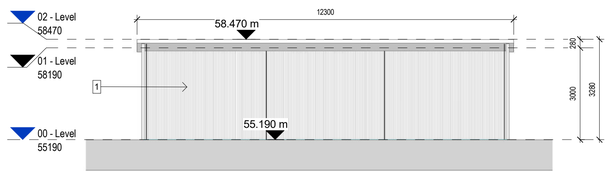
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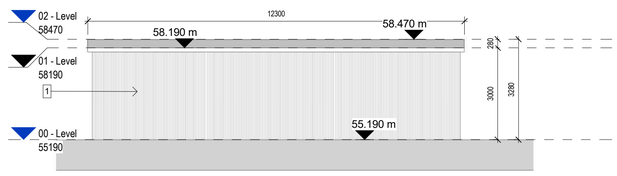
1 000033 00 - Level - Compressed Air Skid
SCALE 1 : 100



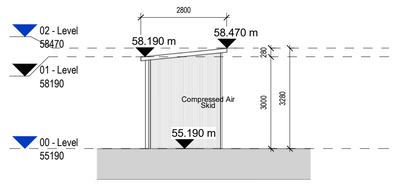
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SCALE 1 : 100



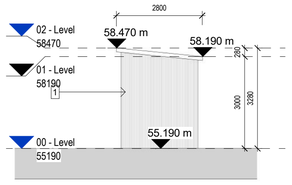
3 000033 South Elevation
SCALE 1 : 100



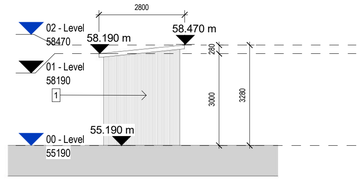
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SCALE 1 : 100



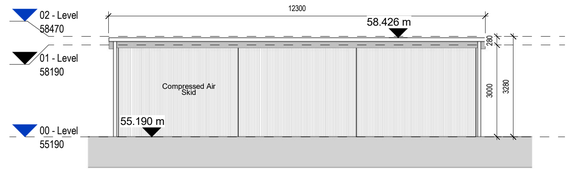
A-A 000033 Section A-A
SCALE 1 : 100



5 000033 East Elevation
SCALE 1 : 100



6 000033 West Elevation
SCALE 1 : 100



B-B 000033 Section B-B
SCALE 1 : 100

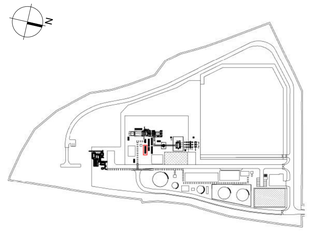
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FINISHES LEGEND:

1 Steel Panel to selected Neutral RAL colour

Key Plan



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2026	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING
Status: P

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: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: Compressed Air Skid - Plan, Elevations & Sections

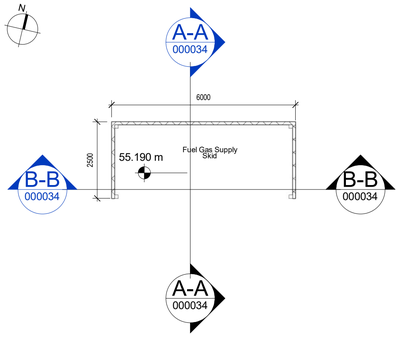
Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AH	JM	AJ	AJ
Original Size	Date	Date	Date	Date
A1	25-06-2025	25-06-2025	26-06-2025	26-06-2025

Drawing Number: PEK3-ATK-ZZ-ZZ-DR-A-ATK-000033
Revision: P00

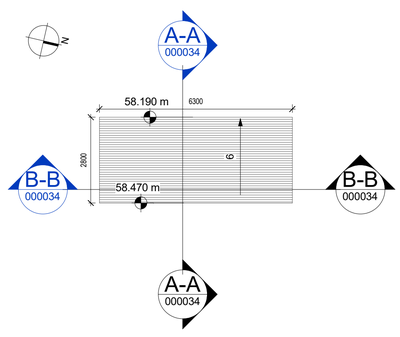
Atkins Project Number: IREBIM1

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CLASSIFICATION - AtkinsRéalis Base Line (Low Risk)

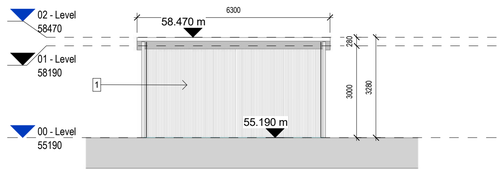
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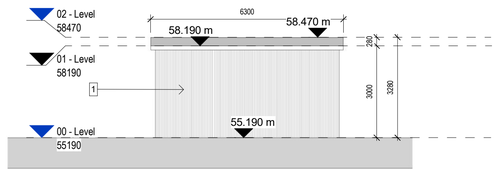
1 000034 00 - Level - Fuel Gas Supply System Skid
SCALE 1 : 100



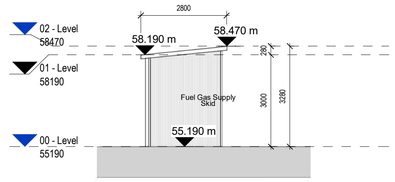
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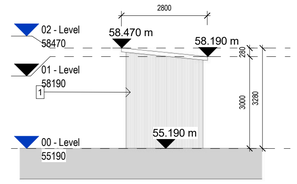
3 000034 South Elevation
SCALE 1 : 100



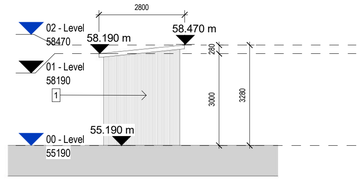
4 000034 North Elevation
SCALE 1 : 100



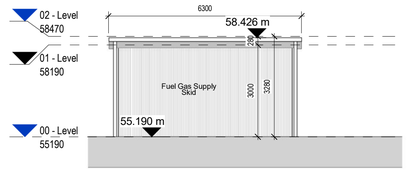
A-A 000034 Section A-A
SCALE 1 : 100



5 000034 East Elevation
SCALE 1 : 100



6 000034 West Elevation
SCALE 1 : 100



B-B 000034 Section B-B
SCALE 1 : 100

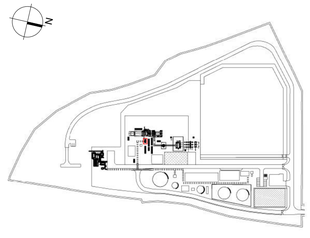
GENERAL NOTES

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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

FINISHES LEGEND:

1 Steel Panel to selected Neutral RAL colour

Key Plan



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2026	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING
Status: P

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: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: Fuel Gas Supply System Skid - Plan, Elevations & Sections

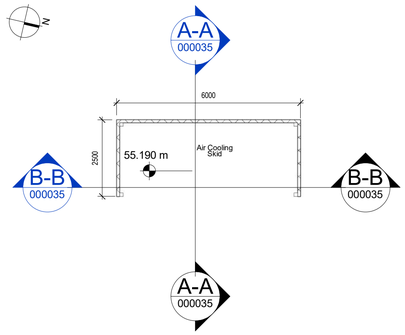
Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AH	JM	AJB	AJB
Original Size	Date	Date	Date	Date
A1	25-06-2025	25-06-2025	26-06-2025	26-06-2025

Drawing Number: PEK3-ATK-ZZ-ZZ-DR-A-ATK-000034
Revision: P00

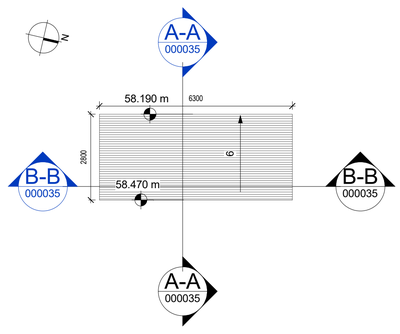
Atkins Project Number: IREBIM1

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CLASSIFICATION - AtkinsRéalis Base Line (Low Risk)

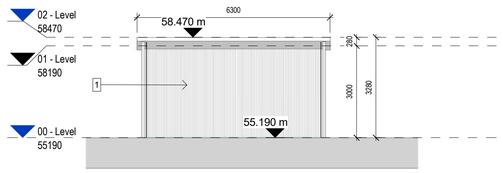
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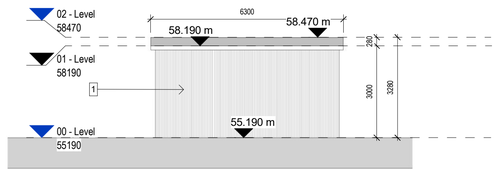
1 000035 00 - Level - Air Cooling Skid
SCALE 1 : 100



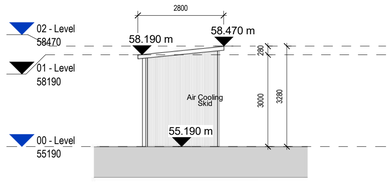
2 000035 02 - Level - 02 - Level
SCALE 1 : 100



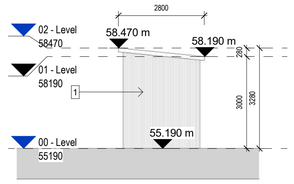
3 000035 East Elevation
SCALE 1 : 100



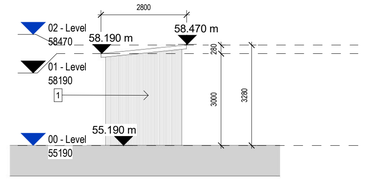
4 000035 West Elevation
SCALE 1 : 100



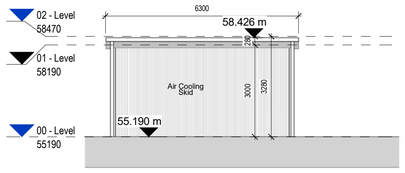
A-A 000035 Section A-A
SCALE 1 : 100



5 000035 North Elevation
SCALE 1 : 100



6 000035 South Elevation
SCALE 1 : 100



B-B 000035 Section B-B
SCALE 1 : 100

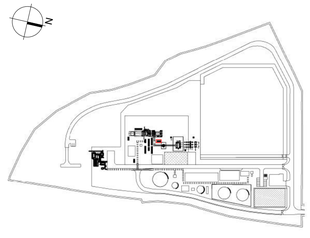
GENERAL NOTES

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5. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION

FINISHES LEGEND:

1 Steel Panel to selected Neutral RAL colour

Key Plan



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2026	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING
Status: P

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: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: Air Cooling Skid - Plan, Elevations & Sections

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AH	JM	AJB	AJB
Original Size	Date	Date	Date	Date
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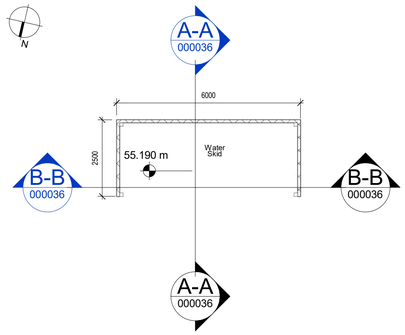
Drawing Number: PEK3-ATK-ZZ-ZZ-DR-A-ATK-000035
Revision: P00

Atkins Project Number: IREBIM1

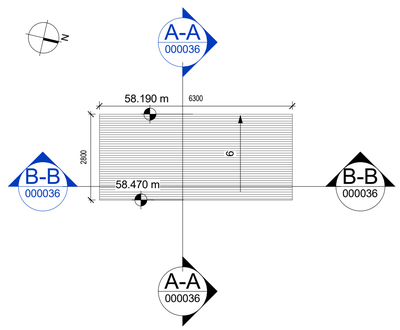
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CLASSIFICATION - AtkinsRéalis Base Line (Low Risk)

DO NOT SCALE

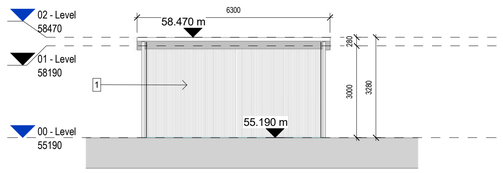
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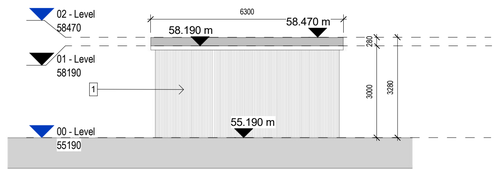
1 000036 00 - Level - Water Skid
SCALE 1 : 100



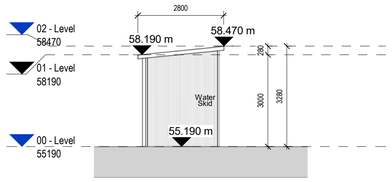
2 000036 02 - Level - 02 - Level
SCALE 1 : 100



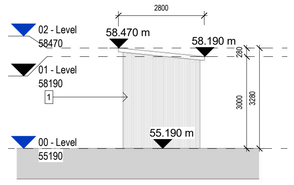
3 000036 North Elevation
SCALE 1 : 100



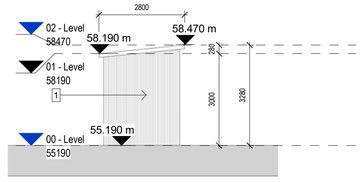
4 000036 South Elevation
SCALE 1 : 100



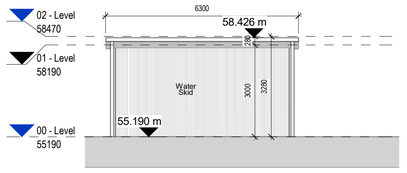
A-A 000036 Section A-A
SCALE 1 : 100



5 000036 West Elevation
SCALE 1 : 100



6 000036 East Elevation
SCALE 1 : 100



B-B 000036 Section B-B
SCALE 1 : 100

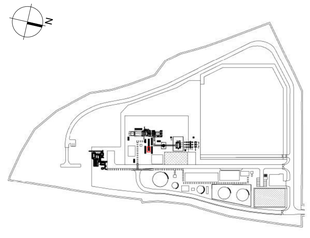
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FINISHES LEGEND:

1 Steel Panel to selected Neutral RAL colour

Key Plan



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2026	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING
Status: P

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: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: Water Skid - Plan, Elevations & Sections

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AH	JM	AJB	AJB
Original Size	Date	Date	Date	Date
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Drawing Number: PEK3-ATK-ZZ-ZZ-DR-A-ATK-000036
Revision: P00

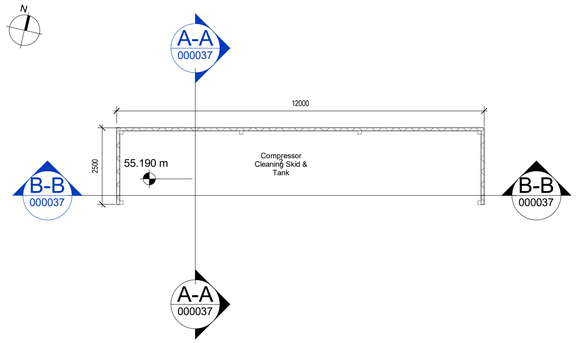
Atkins Project Number: IREBIM1

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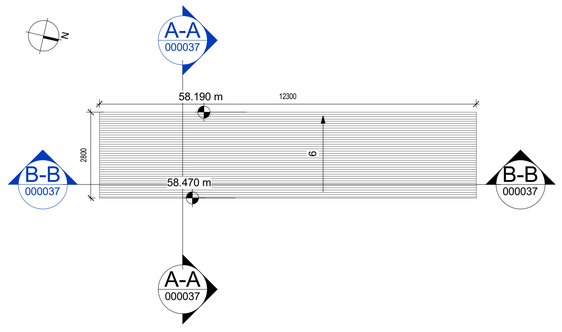
CLASSIFICATION - AtkinsRéalis Base Line (Low Risk)

DO NOT SCALE

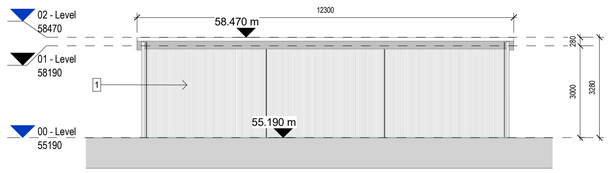
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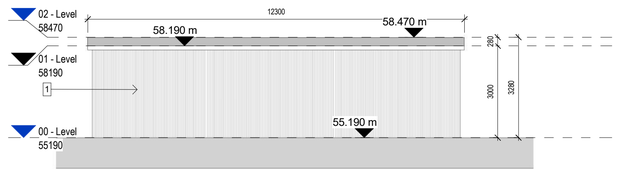
1 000037 00 - Level - Compressor Cleaning Skid & Tank
SCALE 1 : 100



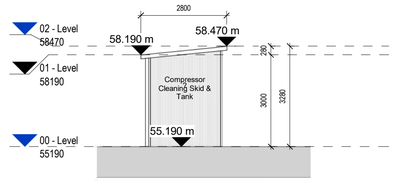
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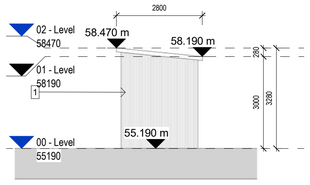
3 000037 South Elevation
SCALE 1 : 100



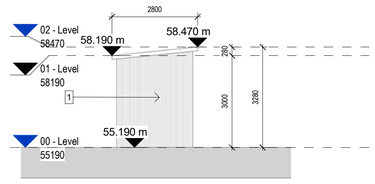
4 000037 North Elevation
SCALE 1 : 100



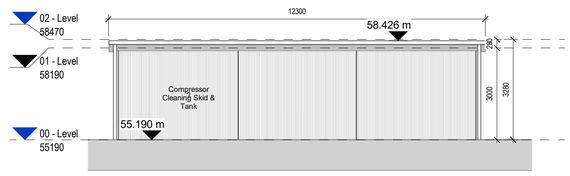
A-A 000037 Section A-A
SCALE 1 : 100



5 000037 East Elevation
SCALE 1 : 100



6 000037 West Elevation
SCALE 1 : 100



B-B 000037 Section B-B
SCALE 1 : 100

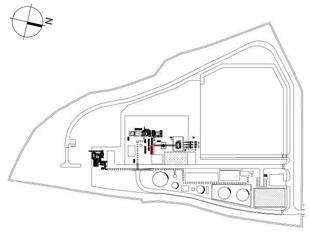
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FINISHES LEGEND:

1 Steel Panel to selected Neutral RAL colour

Key Plan



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2026	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING
Status: P

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: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: Compressor Cleaning Skid & Tank - Plan, Elevations & Sections

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AH	JM	AJB	AJB
Original Size	Date	Date	Date	Date
A1	25-06-2025	25-06-2025	26-06-2025	26-06-2025

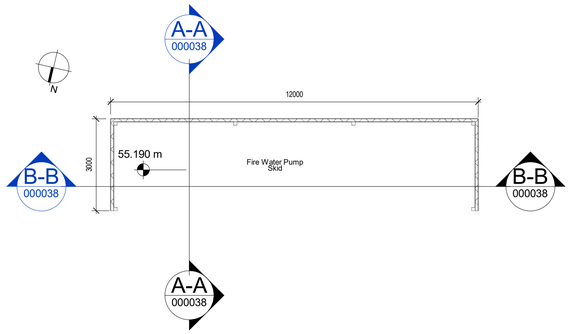
Drawing Number: PEK3-ATK-ZZ-ZZ-DR-A-ATK-000037
Revision: P00

Atkins Project Number: IREBIM1

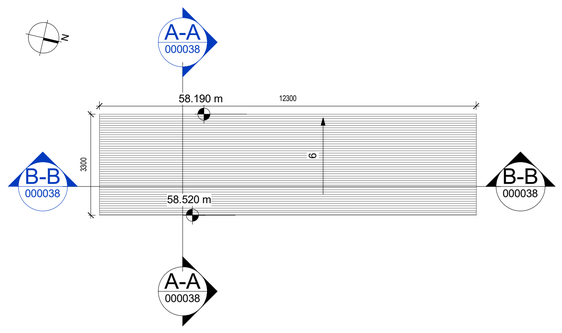
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CLASSIFICATION - AtkinsRéalis Base Line (Low Risk)

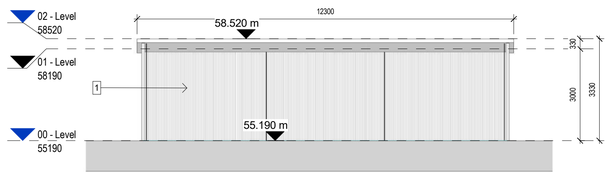
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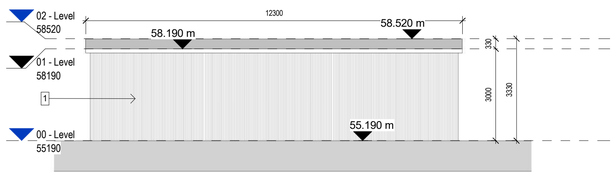
1 000038 **00 - Level - Fire Water Pump Skid**
SCALE 1 : 100



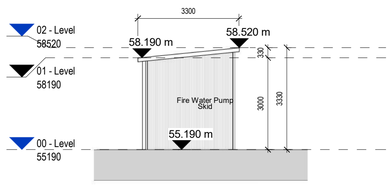
2 000038 **02 - Level - 02 - Level**
SCALE 1 : 100



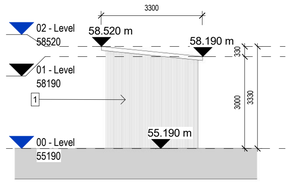
3 000038 **North Elevation**
SCALE 1 : 100



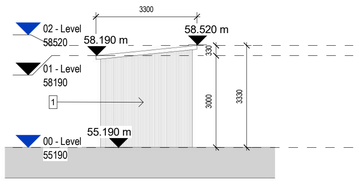
4 000038 **South Elevation**
SCALE 1 : 100



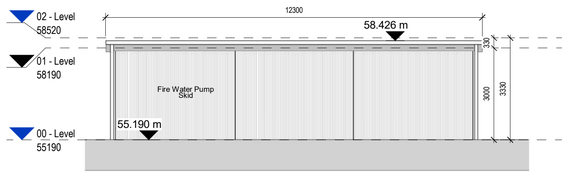
A-A 000038 **Section A-A**
SCALE 1 : 100



5 000038 **East Elevation**
SCALE 1 : 100



6 000038 **West Elevation**
SCALE 1 : 100



B-B 000038 **Section B-B**
SCALE 1 : 100

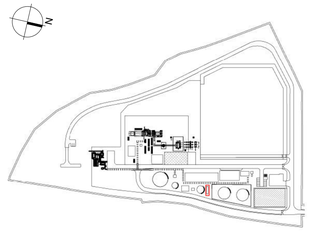
GENERAL NOTES

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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

FINISHES LEGEND:

1 Steel Panel to selected Neutral RAL colour

Key Plan



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2026	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING
Status: P

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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: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: Fire Water Pump Skid - Plan, Elevations & Sections

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AH	JM	AJB	AJB
Original Size	**Date**	**Date**	**Date**	**Date**
A1	25-06-2025	25-06-2025	26-06-2025	26-06-2025

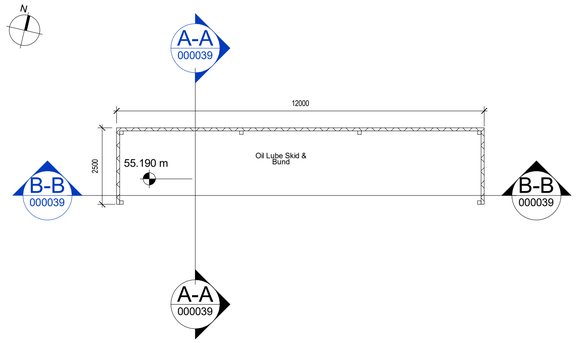
Drawing Number: PEK3-ATK-ZZ-ZZ-DR-A-ATK-000038
Revision: P00

Atkins Project Number: IREBIM1

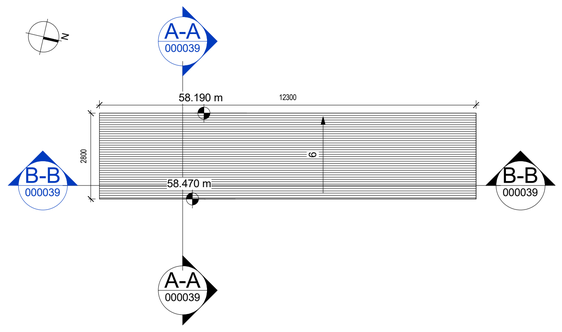
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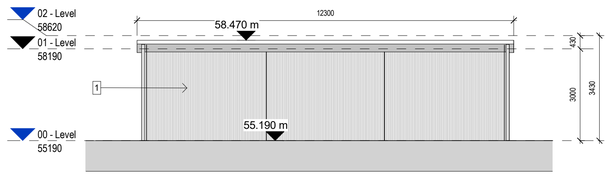
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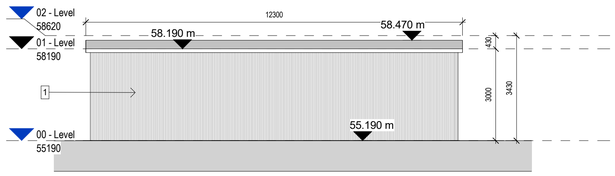
1 000039 00 - Level - Oil Lube Skid & Bund
SCALE 1 : 100



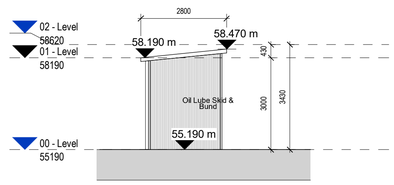
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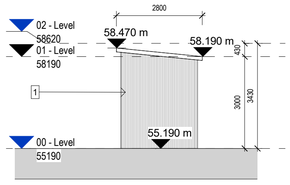
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SCALE 1 : 100



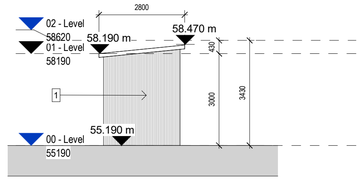
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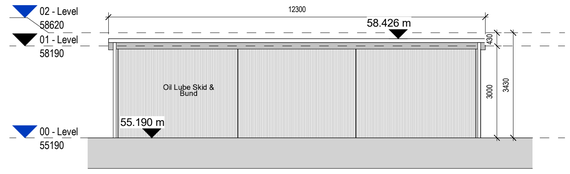
A-A 000039 Section A-A
SCALE 1 : 100



5 000039 East Elevation
SCALE 1 : 100



6 000039 West Elevation
SCALE 1 : 100



B-B 000039 Section B-B
SCALE 1 : 100

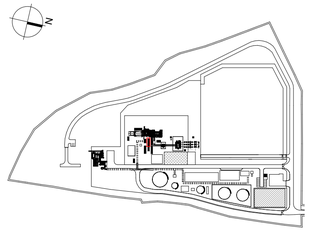
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FINISHES LEGEND:

1 Steel Panel to selected Neutral RAL colour

Key Plan



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2026	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING
Status: P

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

Client: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: Oil Lube Skid - Plan, Elevations & Sections

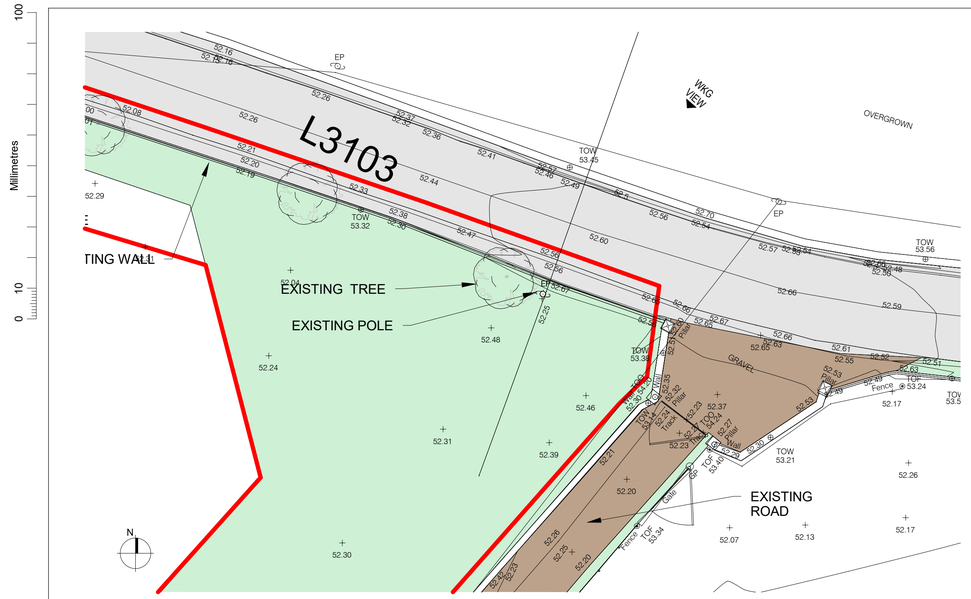
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As indicated	AH	JM	AJB	AJB
Original Size	Date	Date	Date	Date
A1	25-06-2025	25-06-2025	26-06-2025	26-06-2025

Drawing Number: PEK3-ATK-ZZ-ZZ-DR-A-ATK-000039
Revision: P00

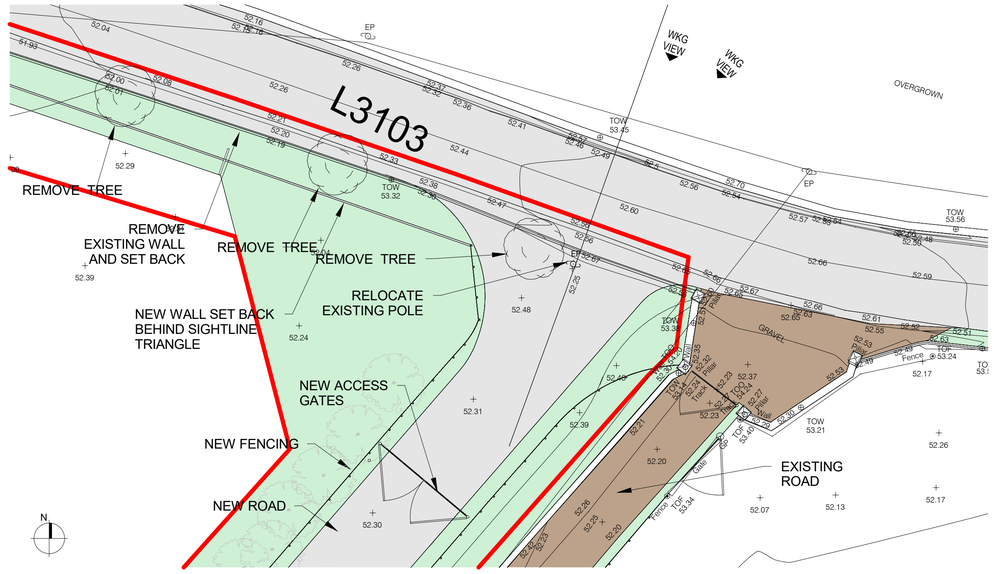
Atkins Project Number: IREBIM1

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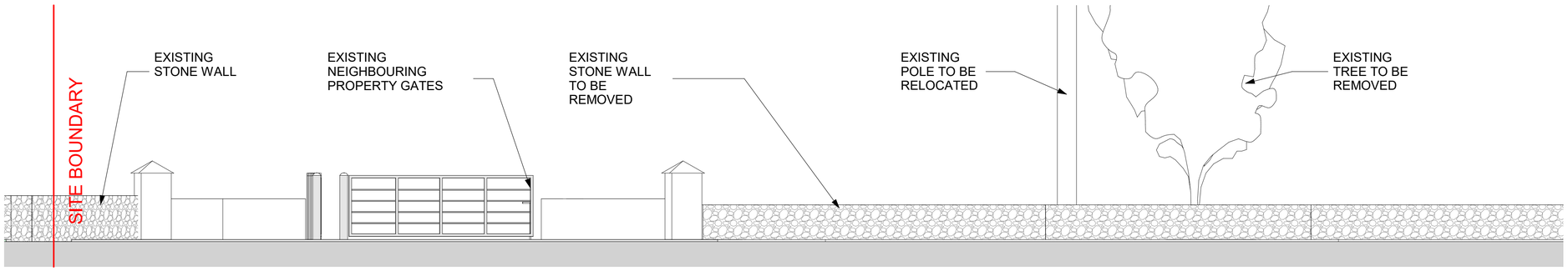
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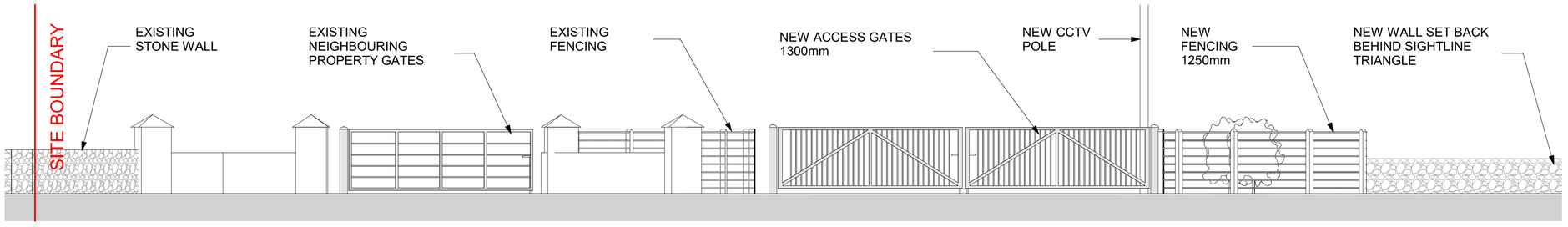
1 000040 00 - Level - Existing Entrance
SCALE 1 : 200



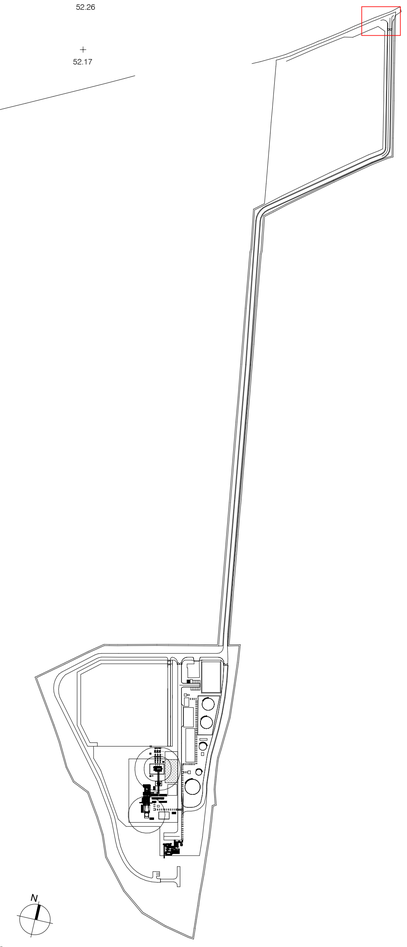
2 000040 00 - Level - Proposed Entrance
SCALE 1 : 200



3 000040 Elevation 1 Existing Entrance
SCALE 1 : 50



4 000040 Elevation 2 Proposed Entrance
SCALE 1 : 50



Key Plan
SCALE 1 : 5000

GENERAL NOTES

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Key Plan

Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2026	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING
Status: P

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

Client: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: Entrance Gate

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AH	JM	AJ	AJ
Original Size	Date	Date	Date	Date
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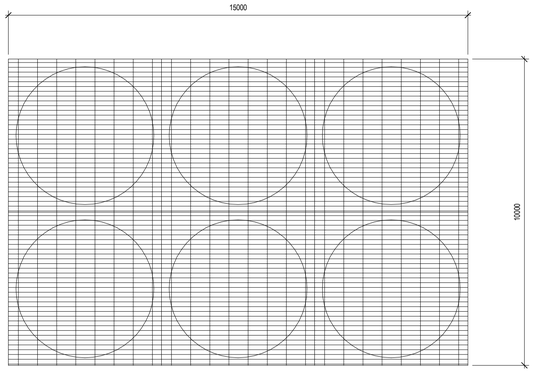
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Revision: P00

Atkins Project Number: IREBIM1

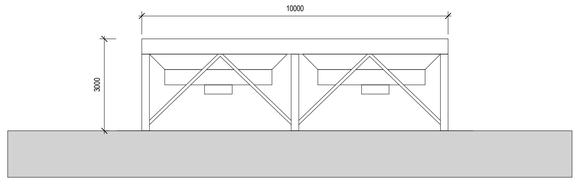
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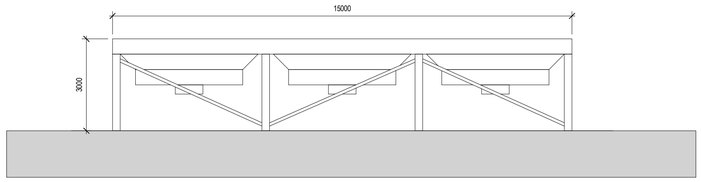
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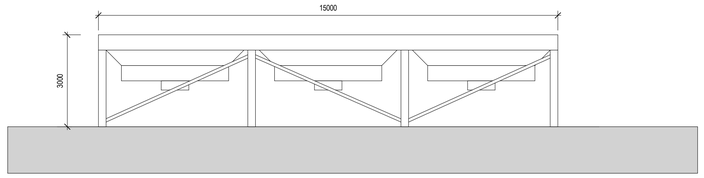
1 000041 00 - Level - Fin Fan Cooler
SCALE 1 : 100



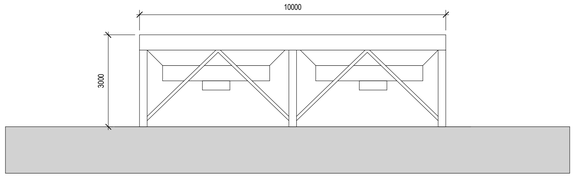
West Elevation
SCALE 1 : 100



North Elevation
SCALE 1 : 100



South Elevation
SCALE 1 : 100

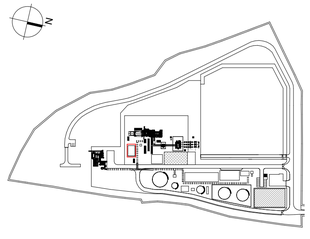


East Elevation
SCALE 1 : 100

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Key Plan



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2026	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING
Status: P

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

Client: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: Fin Fan Cooler - Plan, Elevations

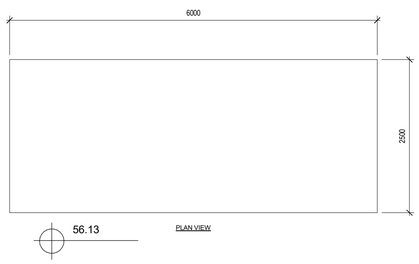
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As indicated	AH	JM	AJB	AJB
Original Size	Date	Date	Date	Date
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Drawing Number: PEK3-ATK-ZZ-ZZ-DR-A-ATK-000041
Revision: P00

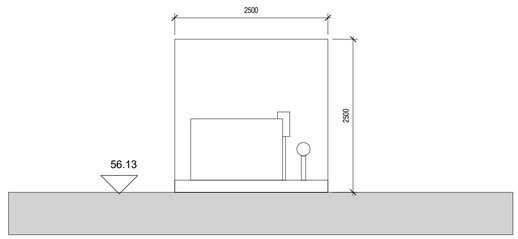
Atkins Project Number: IREBIM1

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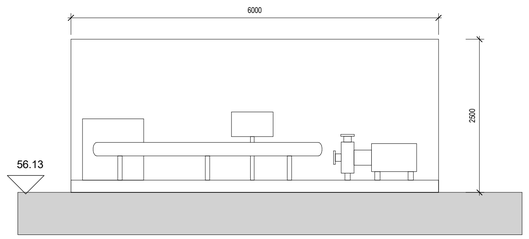
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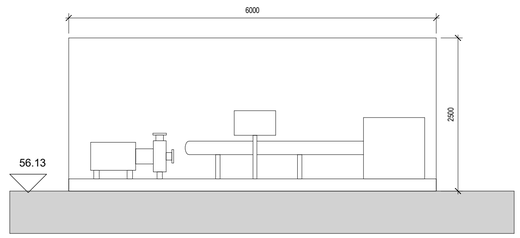
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SCALE 1 : 50



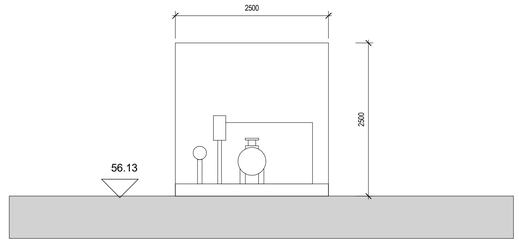
East Elevation
SCALE 1 : 50



North Elevation
SCALE 1 : 50



South Elevation
SCALE 1 : 50



West Elevation
SCALE 1 : 50

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Key Plan



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2026	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING
Status: P

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Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: Dual Fuel Module - Plan , Elevation

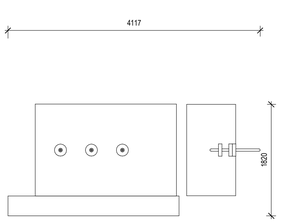
Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AH	JM	AJB	AJB
Original Size	Date	Date	Date	Date
A1	25-06-2025	25-06-2025	26-06-2025	26-06-2025

Drawing Number: PEK3-ATK-ZZ-ZZ-DR-A-ATK-000042
Revision: P00

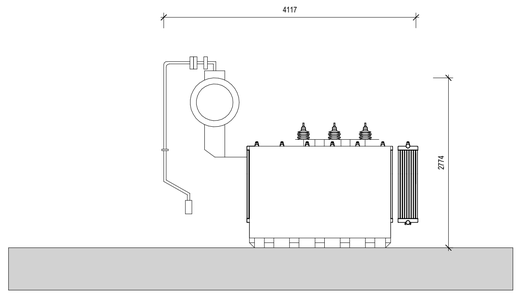
Atkins Project Number: IREBIM1

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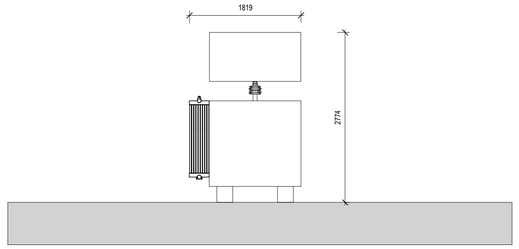
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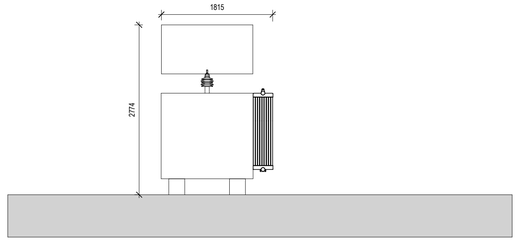
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SCALE 1 : 50



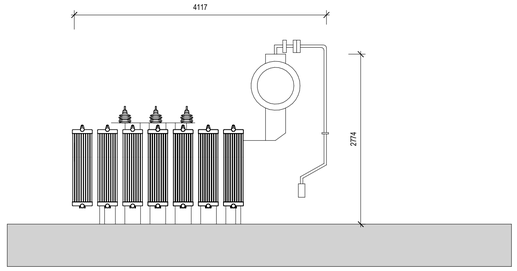
North Elevation
SCALE 1 : 50



West Elevation
SCALE 1 : 50



East Elevation
SCALE 1 : 50

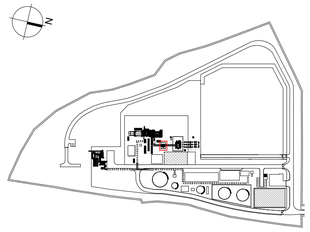


South Elevation
SCALE 1 : 50

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Key Plan



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2026	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING
Status: P

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Client: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: Unit Auxilary Transformer

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AH	JM	AJB	AJB
Original Size	**Date**	**Date**	**Date**	**Date**
A1	25-06-2025	25-06-2025	26-06-2025	26-06-2025

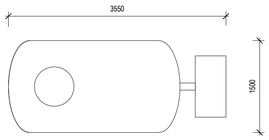
Drawing Number: PEK3-ATK-ZZ-ZZ-DR-A-ATK-000043
Revision: P00

Atkins Project Number: IREBIM1

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CLASSIFICATION - AtkinsRéalis Base Line (Low Risk)

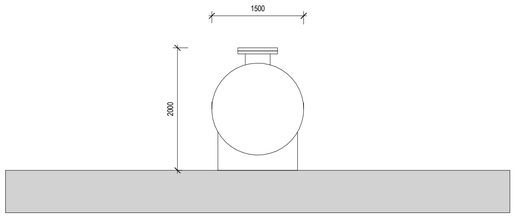
DO NOT SCALE

Millimetres 0 10 100



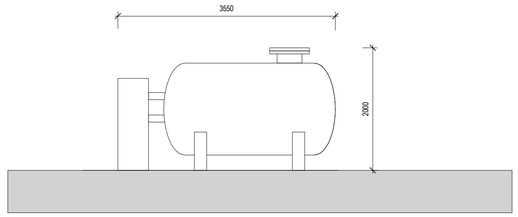
1 / 000044 00 - Level - Propane Tank

SCALE 1 : 50



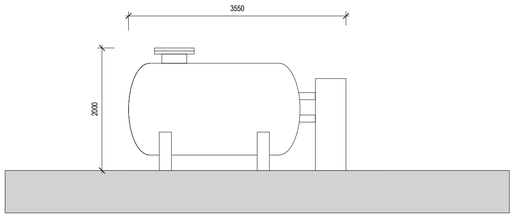
East Elevation

SCALE 1 : 50



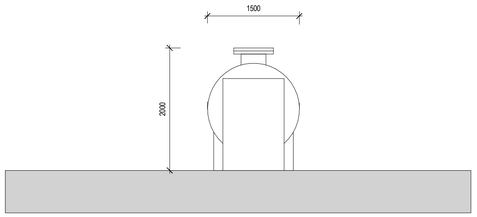
North Elevation

SCALE 1 : 50



South Elevation

SCALE 1 : 50



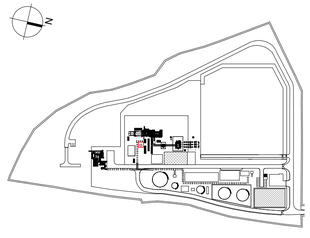
West Elevation

SCALE 1 : 50

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

Key Plan



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2026	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING

Status: P

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: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: Propane Tank

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AH	JM	AJB	AJB
Original Size	Date	Date	Date	Date
A1	25-06-2025	25-06-2025	26-06-2025	26-06-2025

Drawing Number: PEK3-ATK-ZZ-ZZ-DR-A-ATK-000044

Revision: P00

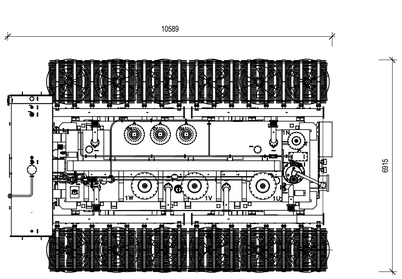
Atkins Project Number: IREBIM1

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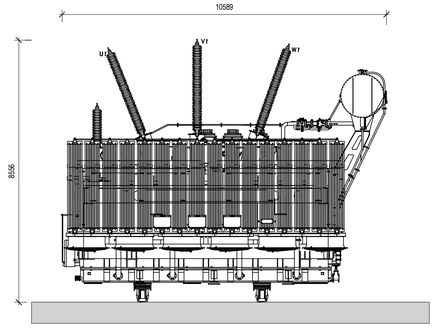
CLASSIFICATION - AtkinsRéalis Base Line (Low Risk)

DO NOT SCALE

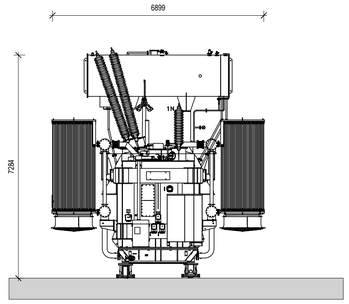
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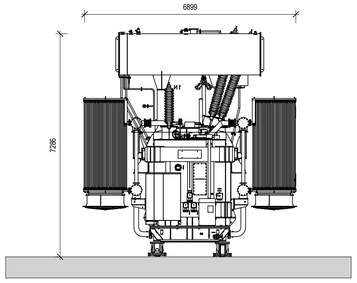
1 / 000045 00 - Level - GSUT
SCALE 1 : 100



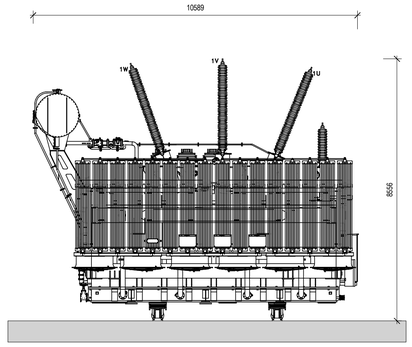
North Elevation
SCALE 1 : 100



East Elevation
SCALE 1 : 100



West Elevation
SCALE 1 : 100

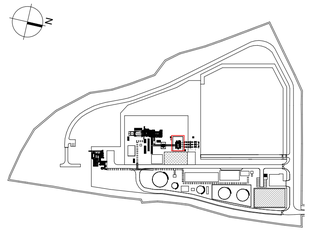


South Elevation
SCALE 1 : 100

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

Key Plan



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2026	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING
Status: P

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: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: GSU Transformer - Plan , Elevation

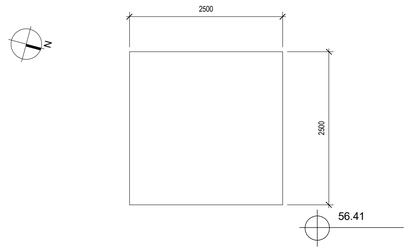
Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AH	JM	AJB	AJB
Original Size	**Date**	**Date**	**Date**	**Date**
A1	25-06-2025	25-06-2025	26-06-2025	26-06-2025

Drawing Number: PEK3-ATK-ZZ-ZZ-DR-A-ATK-000045
Revision: P00

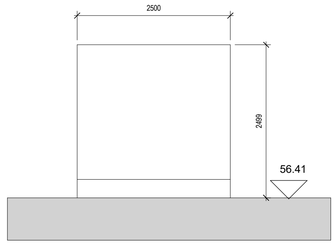
Atkins Project Number: IREBIM1

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CLASSIFICATION - AtkinsRéalis Base Line (Low Risk)

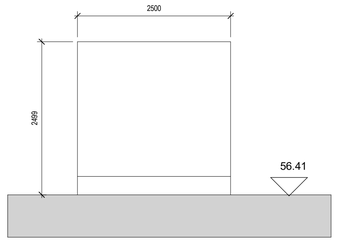
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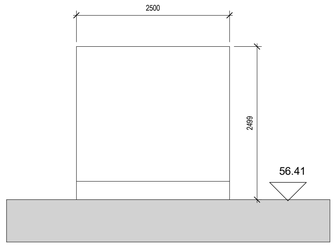
1 / 000046 00 - Level - CEMS
SCALE 1 : 50



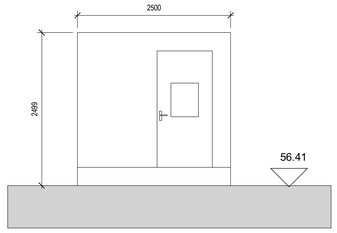
North Elevation
SCALE 1 : 50



South Elevation
SCALE 1 : 50



East Elevation
SCALE 1 : 50

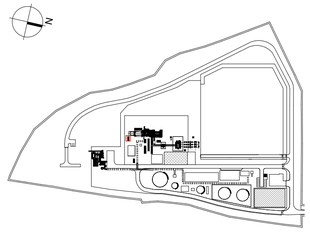


West Elevation
SCALE 1 : 50

GENERAL NOTES

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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

Key Plan



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2026	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING
Status: P

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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: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: Continuous Emmissions Monitoring Unit - Plan, Elevation

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AH	JM	AJB	AJB
Original Size	Date	Date	Date	Date
A1	25-06-2025	25-06-2025	26-06-2025	26-06-2025

Drawing Number: PEK3-ATK-ZZ-ZZ-DR-A-ATK-000046
Revision: P00

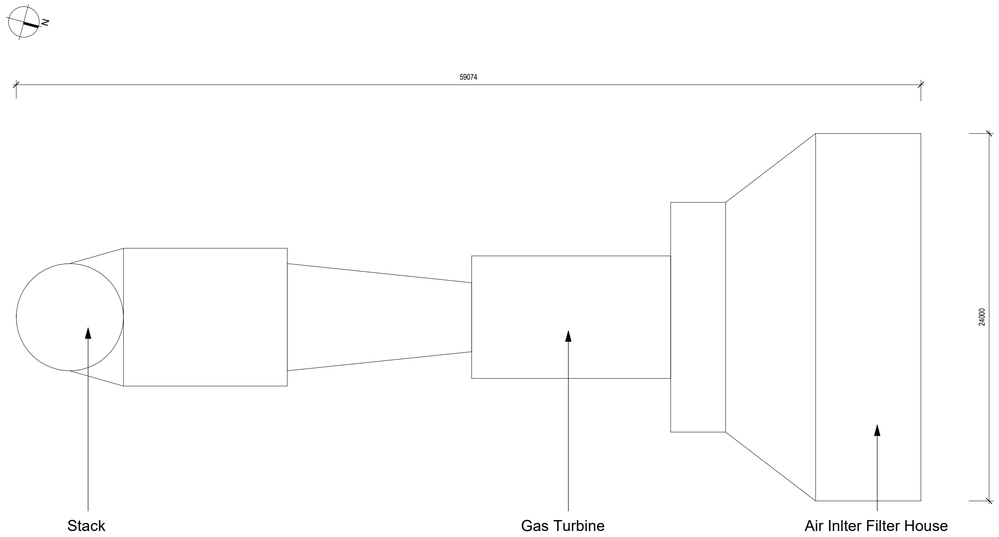
Atkins Project Number: IREBIM1

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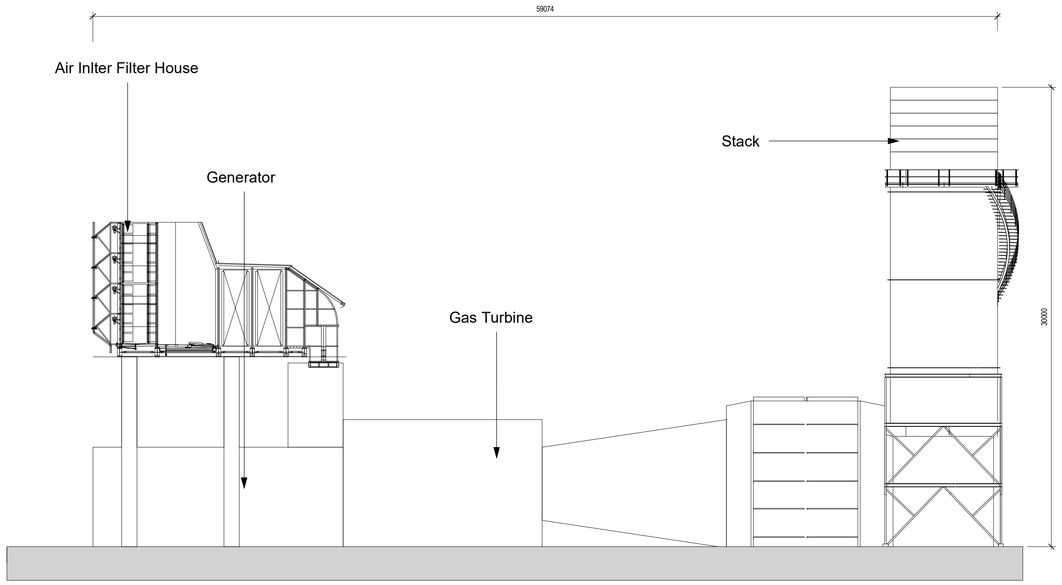
CLASSIFICATION - AtkinsRéalis Base Line (Low Risk)

DO NOT SCALE

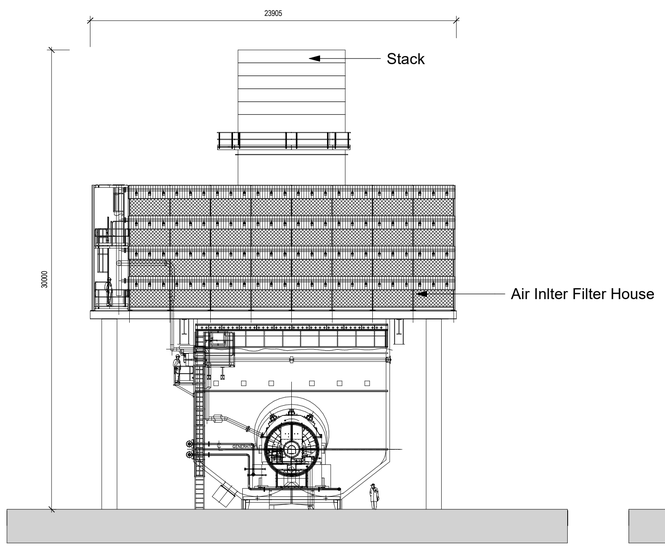
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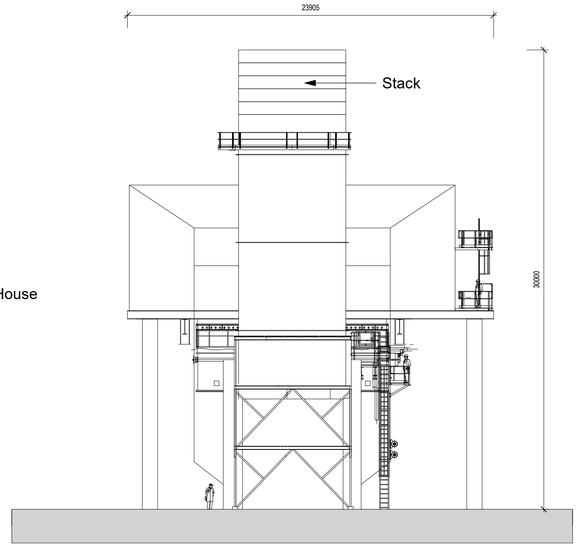
1 / 000047 00 - Level - Turbine
SCALE 1 : 200



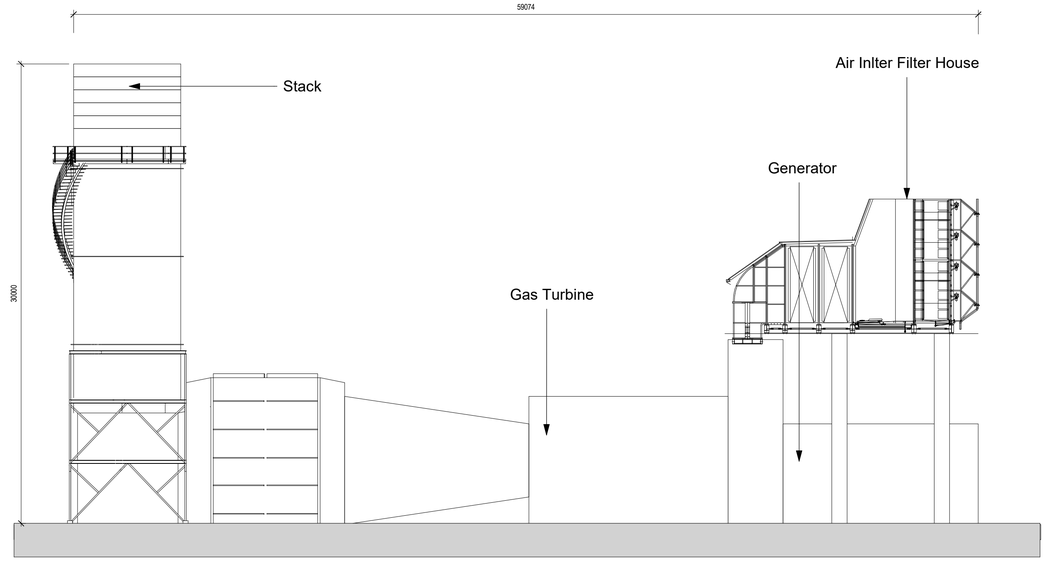
West Elevation
SCALE 1 : 200



South Elevation
SCALE 1 : 200



North Elevation
SCALE 1 : 200



East Elevation
SCALE 1 : 200

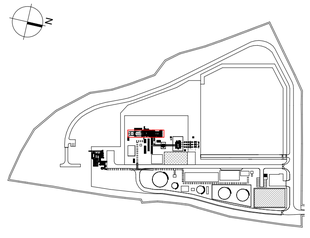
GENERAL NOTES

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3. ALL LEVELS ARE IN METRES AND ARE TO MALIN HEAD DATUM
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FINISHES LEGEND:

• Painted Metal Finish

Key Plan



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2026	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING
Status: P

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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: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: Turbine, Stack, Generator - Plan & Elevations

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AH	JM	AJB	AJB
Original Size	Date	Date	Date	Date
A1	25-06-2025	25-06-2025	26-06-2025	26-06-2025

Drawing Number: PEK3-ATK-ZZ-ZZ-DR-A-ATK-000047
Revision: P00

Atkins Project Number: IREBIM1

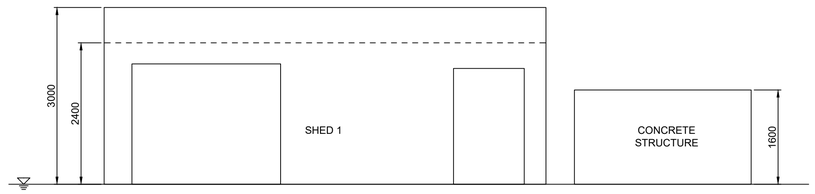
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CLASSIFICATION - AtkinsRéalis Base Line (Low Risk)

DO NOT SCALE

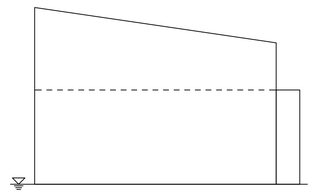
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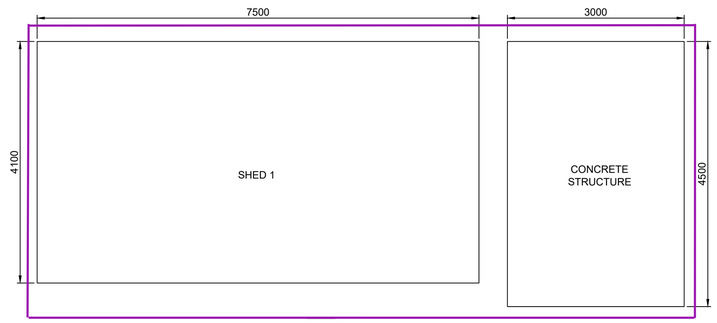




ELEVATION
SCALE 1:50



END ELEVATION
SCALE 1:50



PLAN
SCALE 1:50

GENERAL NOTES

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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:

Area for Demolition

Key Plan

Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	22/01/2026	Planning Issue	JK	AH	AJ	AJ

Drawing Suitability: FOR PLANNING
Status: P

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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: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: EXISTING SHED TO BE DEMOLISHED

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	JK	AH	AJB	AJB
Original Size	**Date**	**Date**	**Date**	**Date**
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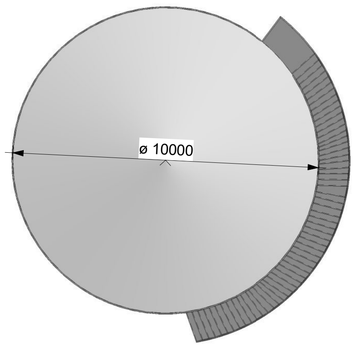
Drawing Number: PEK3-ATK-ZZ-ZZ-DR-A-ATK-000048
Revision: P00

Atkins Project Number: IREBIM1

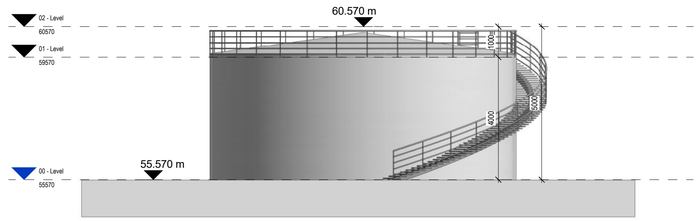
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CLASSIFICATION - AtkinsRéalis Base Line (Low Risk)

DO NOT SCALE

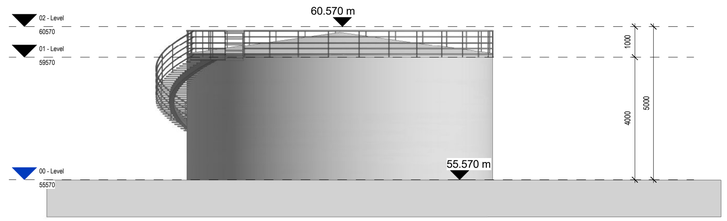
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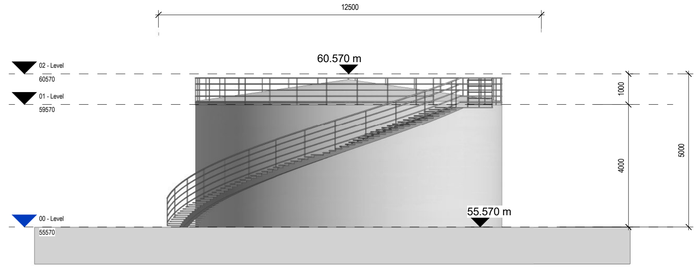
1 000049 00 - Level - 12.5Ø Fire & Service Water Tank
SCALE 1 : 100



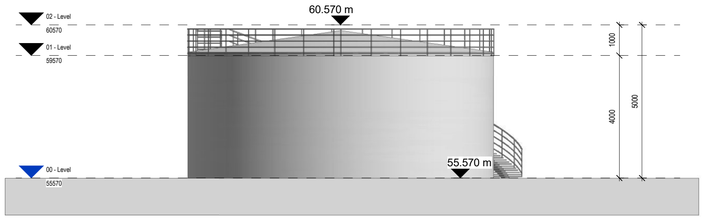
2 000049 Elevation 1
SCALE 1 : 100



3 000049 Elevation 2
SCALE 1 : 100



4 000049 Elevation 3
SCALE 1 : 100

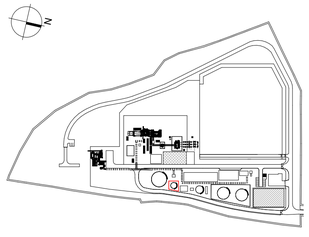


5 000049 Elevation 4
SCALE 1 : 100

GENERAL NOTES

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



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2026	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING
Status: P

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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: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: 10Ø Demin Waste Tank - Plan & Elevations

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AH	JM	AJB	AJB
Original Size	**Date**	**Date**	**Date**	**Date**
A1	25-06-2025	25-06-2025	26-06-2025	26-06-2025

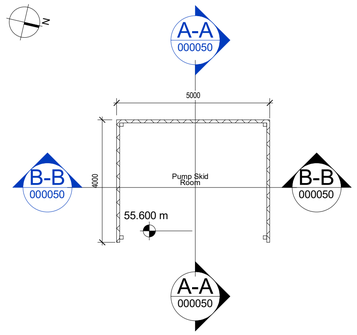
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Revision: P00

Atkins Project Number: IREBIM1

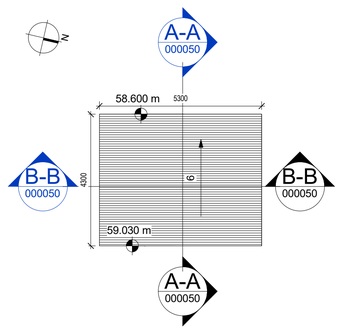
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CLASSIFICATION - AtkinsRéalis Base Line (Low Risk)

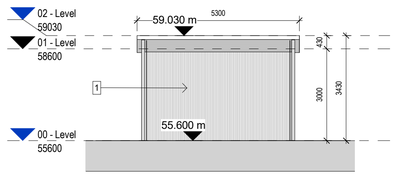
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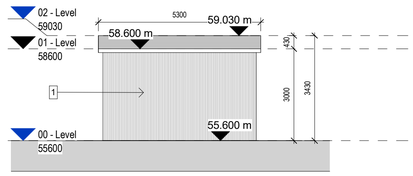
1 00 - Level - Pump Skid
000050 SCALE 1 : 100



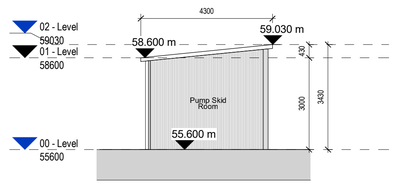
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000050 SCALE 1 : 100



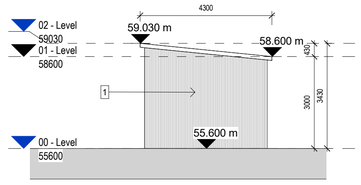
3 East Elevation
000050 SCALE 1 : 100



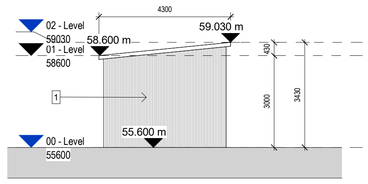
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000050 SCALE 1 : 100



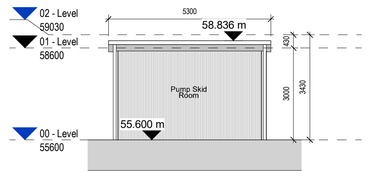
A-A Section A-A
000050 SCALE 1 : 100



5 North Elevation
000050 SCALE 1 : 100



6 South Elevation
000050 SCALE 1 : 100



B-B Section B-B
000050 SCALE 1 : 100

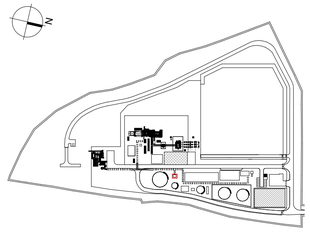
GENERAL NOTES

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

FINISHES LEGEND:

1 Steel Panel to selected Neutral RAL colour

Key Plan



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2026	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING
Status: P

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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: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: Demin Tank Pump Skid - Plan, Elevations & Sections

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AH	JM	AJB	AJB
Original Size	Date	Date	Date	Date
A1	25-06-2025	25-06-2025	26-06-2025	26-06-2025

Drawing Number: PEK3-ATK-ZZ-ZZ-DR-A-ATK-000050
Revision: P00

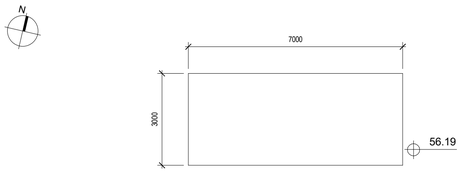
Atkins Project Number: IREBIM1

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DO NOT SCALE

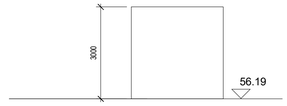
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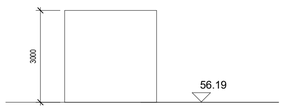
1 000051 00 - Level - Emergency Diesel Generator Plan
SCALE 1 : 100



North Elevation
SCALE 1 : 100



East Elevation
SCALE 1 : 100



West Elevation
SCALE 1 : 100



South Elevation
SCALE 1 : 100

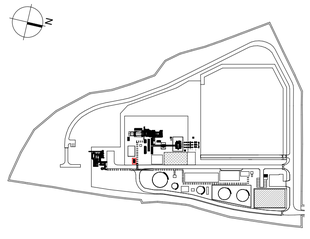
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FINISHES LEGEND:

• Painted Metal Finish

Key Plan



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2026	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING
Status: P

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Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: Emergency Diesel Generator - Plan , Elevation

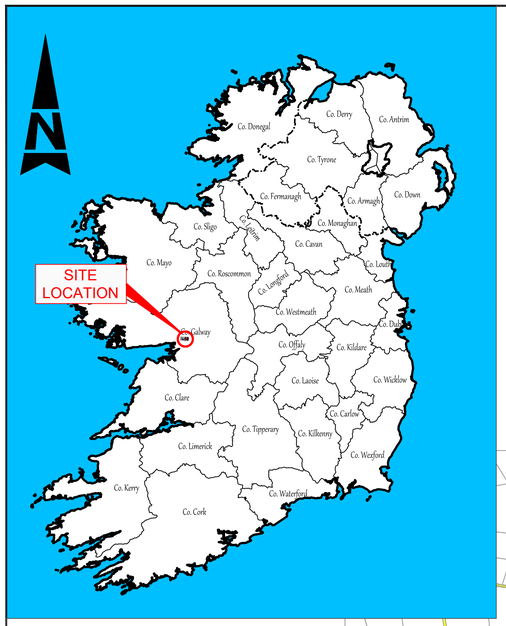
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As indicated	AH	JM	AJB	AJB
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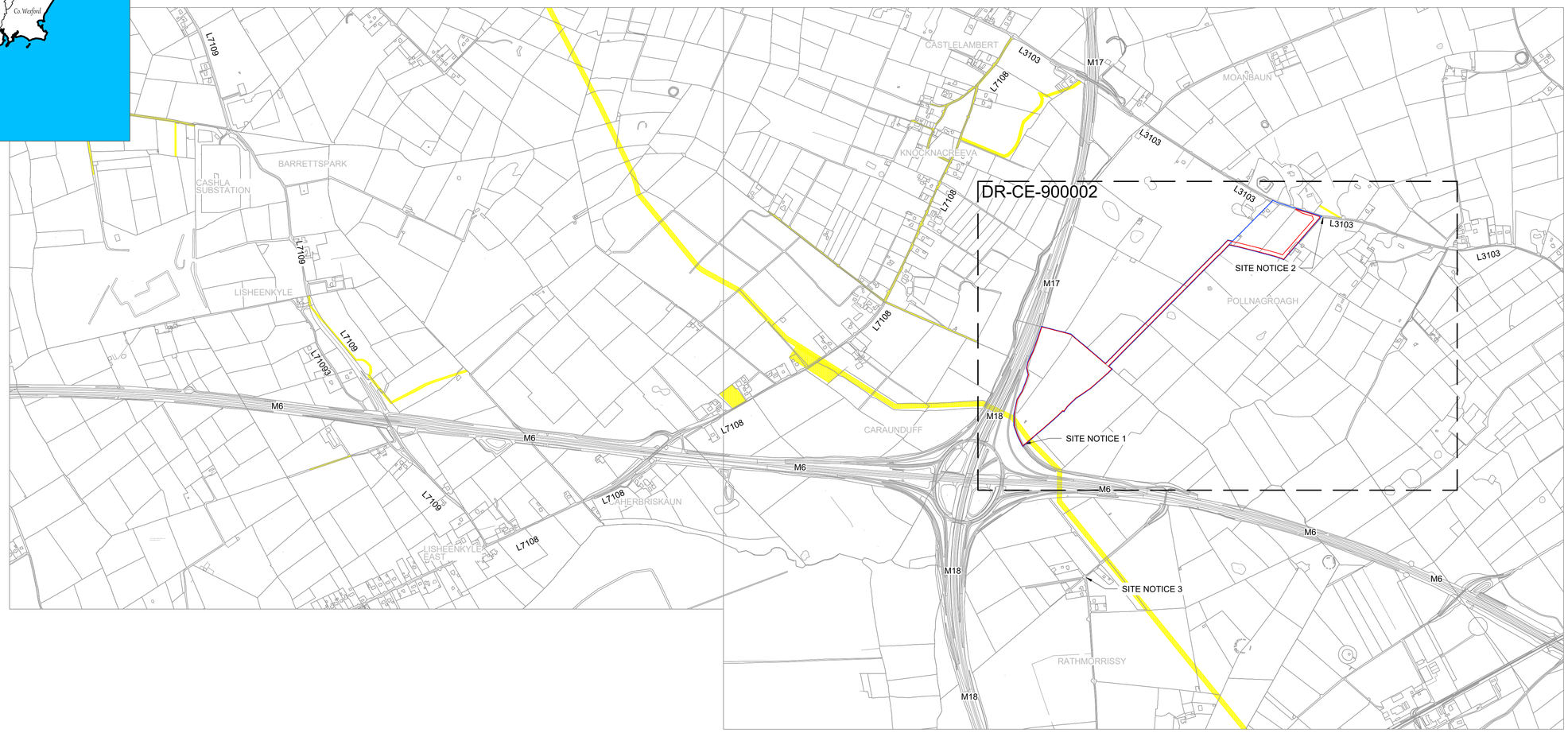
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Revision: P00

Atkins Project Number: IREBIM1

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CLASSIFICATION - AtkinsRéalis Base Line (Low Risk)





OVERALL SITE LOCATION MAP

1:10,000 @ A1

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0 100 200 400 600 800 1000m

SCALE 1:10000 @ A1; 1:20000 @ A3

GENERAL NOTES

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2. ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS
3. ALL LEVELS ARE IN METERS AND ARE TO MALIN HEAD DATUM
4. ALL COORDINATES ARE IN METERS AND ARE TO IRISH TRANSVERSE MERCATOR
5. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION
6. THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSES OF THE PLANNING APPLICATION AND IS SUBJECT TO DETAILED DESIGN.

LEGEND

- TOTAL SITE AREA
- LAND OWNERSHIP BOUNDARY
- WAYLEAVE

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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

Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: SITE LOCATION KEYPLAN

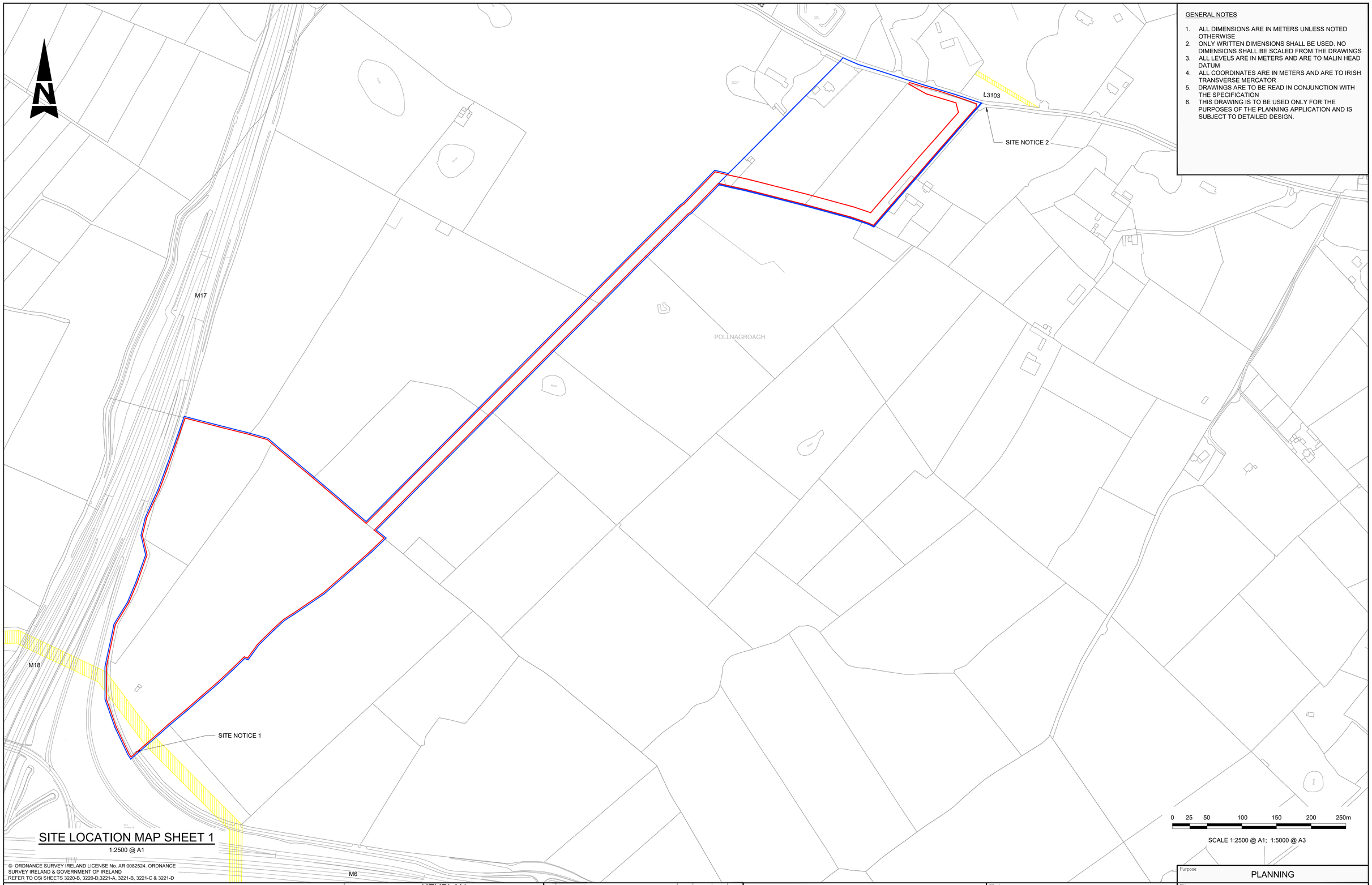
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Status	Drawing Number	Rev
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A1 DO NOT SCALE

File: PEK3-ATK-ZZ-01-DR-CE-900001-900002.dwg Date: Feb 18, 2026 - 12:10pm Plotted by: DEWH1347

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GENERAL NOTES

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SITE LOCATION MAP SHEET 1

1:2500 @ A1

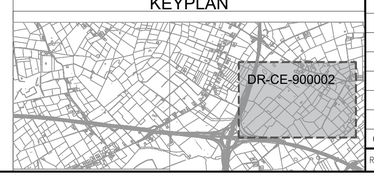
SCALE 1:2500 @ A1; 1:5000 @ A3

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REFER TO OSi SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

LEGEND

- TOTAL SITE AREA
- LAND OWNERSHIP BOUNDARY
- WAYLEAVE

KEYPLAN



Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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

Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: SITE LOCATION SHEET 01

Original Scale	Design/Drawn	Checked	Authorised
1:2500 at A1	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status: A2

Drawing Number: PEK3-ATK-ZZ-01-DR-CE-900002

Rev: 0

A1

DO NOT SCALE

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DO NOT SCALE

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File: PEK3-ATK-ZZ-01-DR-CE-900010-900012.dwg
Date: Feb 06, 2026 - 2:58pm Plotted by: SHERB400

GENERAL NOTES

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N

DR-CE-900016

DR-CE-900015

DR-CE-900014

DR-CE-900013

DR-CE-900012

DR-CE-900011

MATCH LINE

0 25 50 100 150 200 250m

SCALE 1:2500 @ A1; 1:5000 @ A3

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LEGEND

PROJECT BOUNDARY FOR PLANNING

LANDHOLDING BOUNDARY

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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

Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

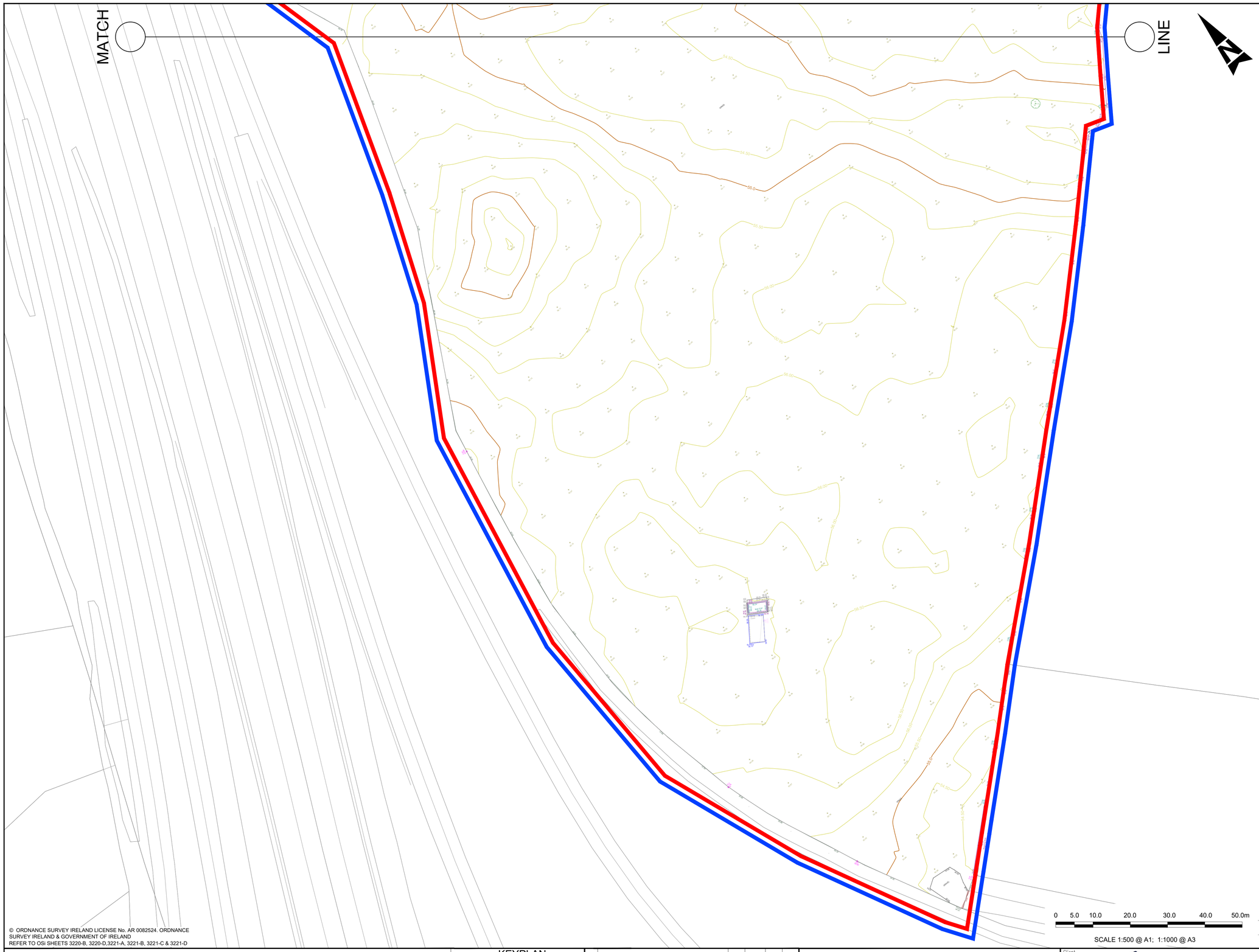
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Original Scale	Design/Drawn	Checked	Authorised
1:2500 at A1	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status	Drawing Number	Rev
A2	PEK3-ATK-ZZ-01-DR-CE-900010	0

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MATCH LINE



N

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

GENERAL NOTES

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LEGEND

PROJECT BOUNDARY FOR PLANNING

LANDHOLDING BOUNDARY

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KEYPLAN

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Polnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: TOPOGRAPHIC SURVEY
SHEET 01

Original Scale	Design/Drawn	Checked	Authorised
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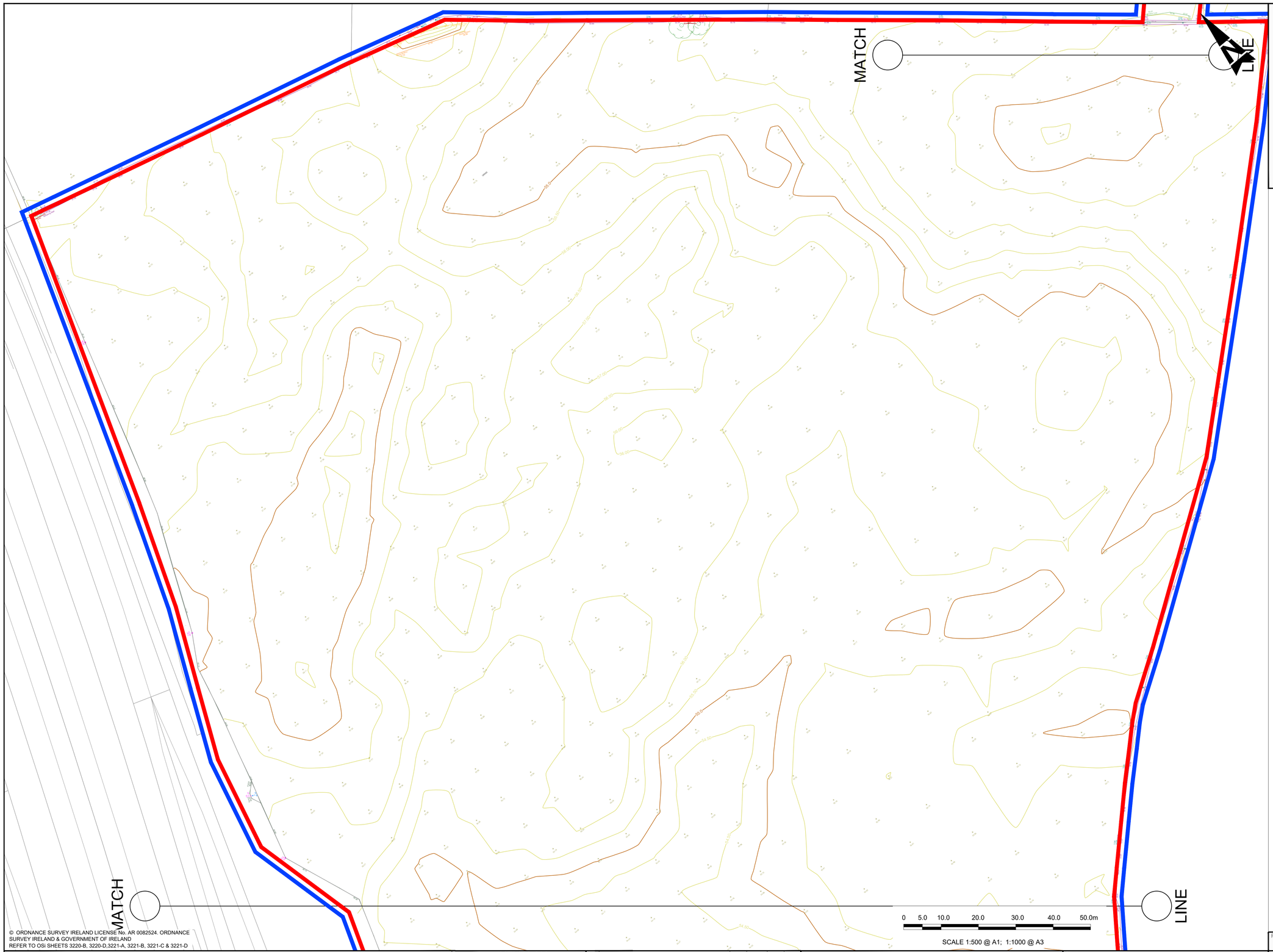
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A1 0 10 100

DO NOT SCALE

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Date: Jan 29, 2026 - 4:23pm Plotted by: SHERAN00

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LEGEND

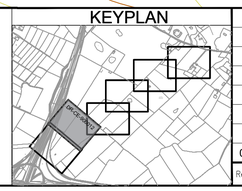
PROJECT BOUNDARY FOR PLANNING

LANDHOLDING BOUNDARY

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REFER TO OSi SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

SCALE 1:500 @ A1; 1:1000 @ A3

KEYPLAN



Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: TOPOGRAPHIC SURVEY
SHEET 02

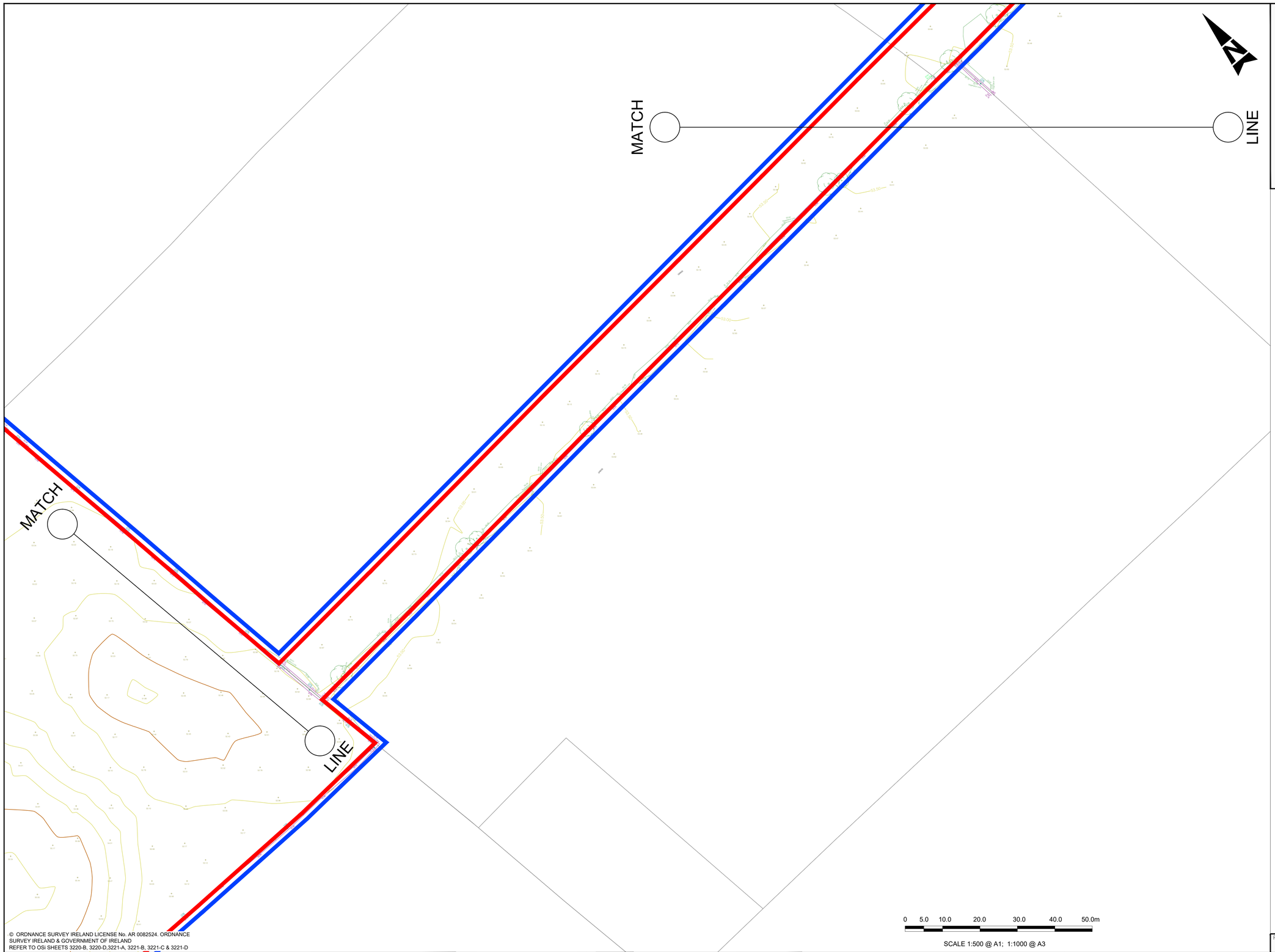
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Status	Drawing Number	Rev
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Date: Jan 29, 2026 - 4:23pm Plotted by: SHEPB400

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SCALE 1:500 @ A1; 1:1000 @ A3

GENERAL NOTES

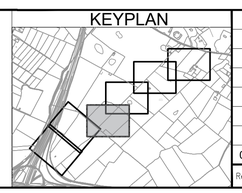
1. ALL DIMENSIONS ARE IN METERS UNLESS NOTED OTHERWISE
2. ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS
3. ALL LEVELS ARE IN METERS AND ARE TO MALIN HEAD DATUM
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LEGEND

PROJECT BOUNDARY FOR PLANNING

LANDHOLDING BOUNDARY

KEYPLAN



Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Polnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: TOPOGRAPHIC SURVEY SHEET 03

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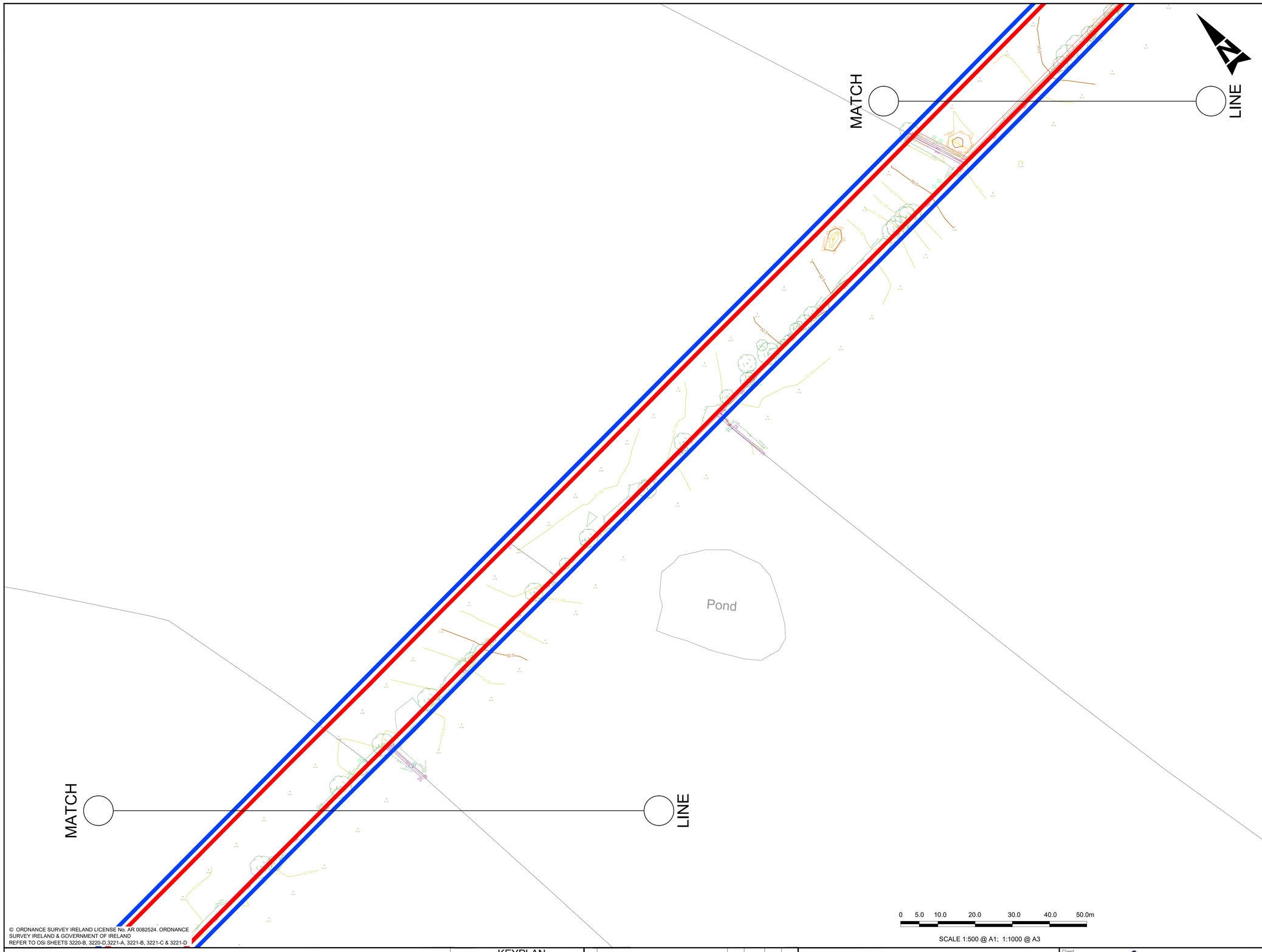
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Date: Jan 29, 2026 - 4:23pm Plotted by: SHEIBAN00

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LEGEND

PROJECT BOUNDARY FOR PLANNING

LANDHOLDING BOUNDARY

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KEYPLAN

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: TOPOGRAPHIC SURVEY
SHEET 04

Original Scale	Design/Drawn	Checked	Authorised
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Status	Drawing Number	Rev
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DO NOT SCALE

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Date: Jan 29, 2026 - 4:23pm Plotted by: SHERB400

MATCH

LINE

MATCH

LINE

N

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PROJECT BOUNDARY FOR PLANNING

LANDHOLDING BOUNDARY

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SCALE 1:500 @ A1; 1:1000 @ A3

KEYPLAN

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

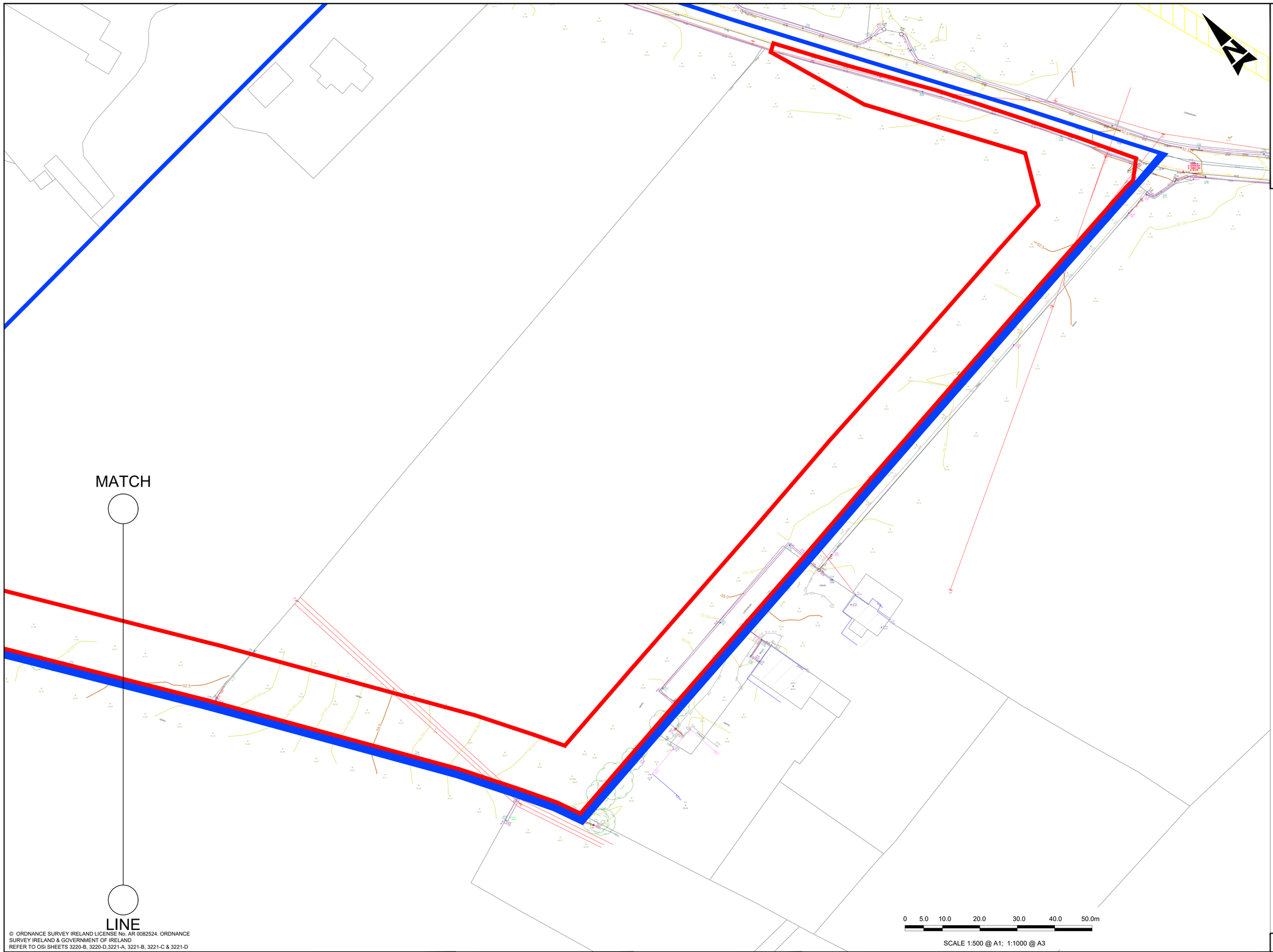
Purpose: PLANNING

Title: TOPOGRAPHIC SURVEY
SHEET 05

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	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status	Drawing Number	Rev
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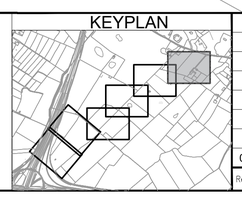
LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LANDHOLDING BOUNDARY

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SCALE 1:500 @ A1; 1:1000 @ A3

KEYPLAN



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0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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

Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: TOPOGRAPHIC SURVEY
SHEET 06

Original Scale	Design/Drawn	Checked	Authorised
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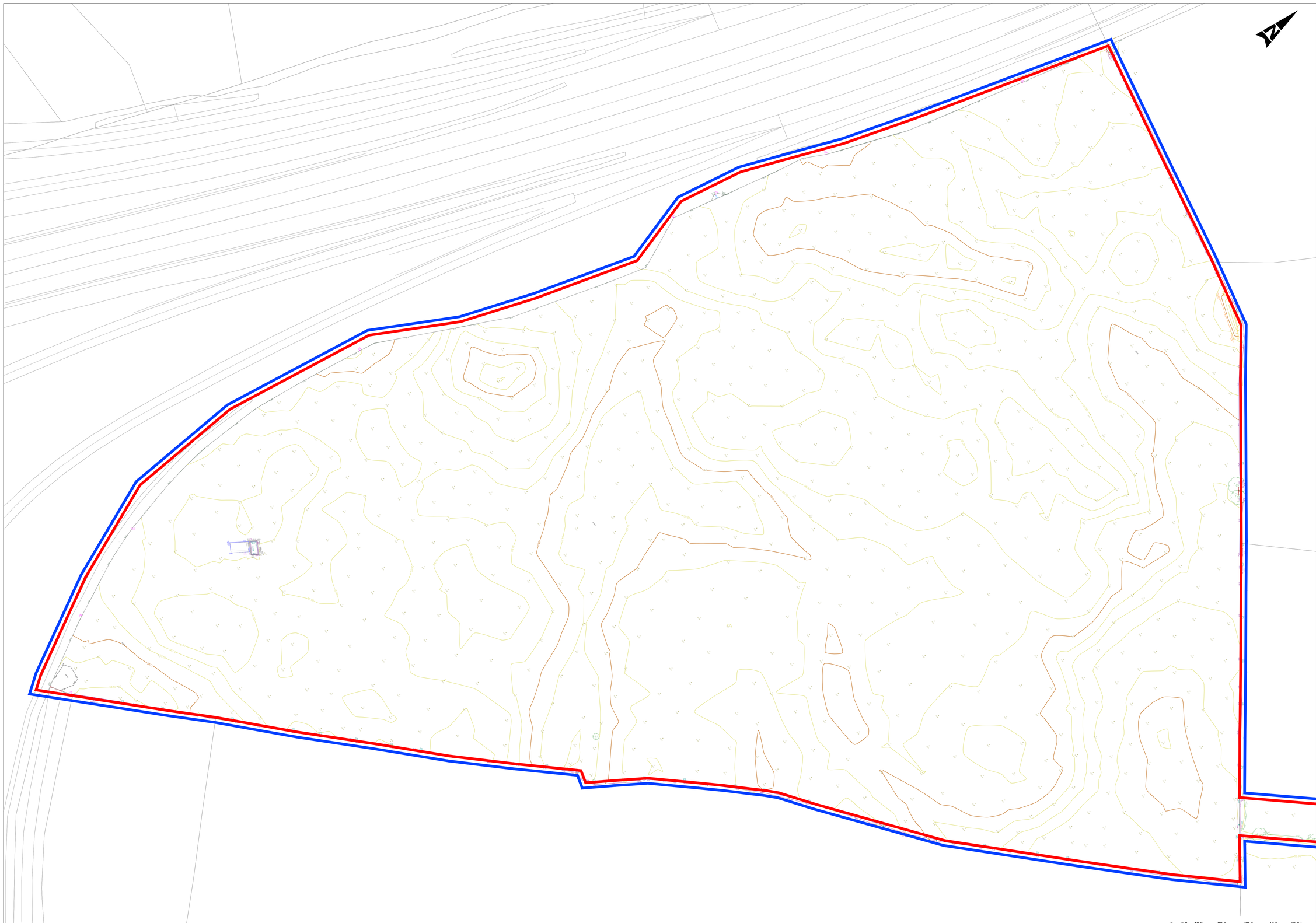
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DO NOT SCALE

Millimetres 0 10 100



SCALE 1:500 @ A0 1:1000 @ A1

GENERAL NOTES

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LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LANDHOLDING BOUNDARY

Rev	Description	By	Date	Chk'd	Auth
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Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: TOPOGRAPHIC SURVEY SHEET 07

Original Scale	Design/Drawn	Checked	Authorised
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	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status	Drawing Number	Rev
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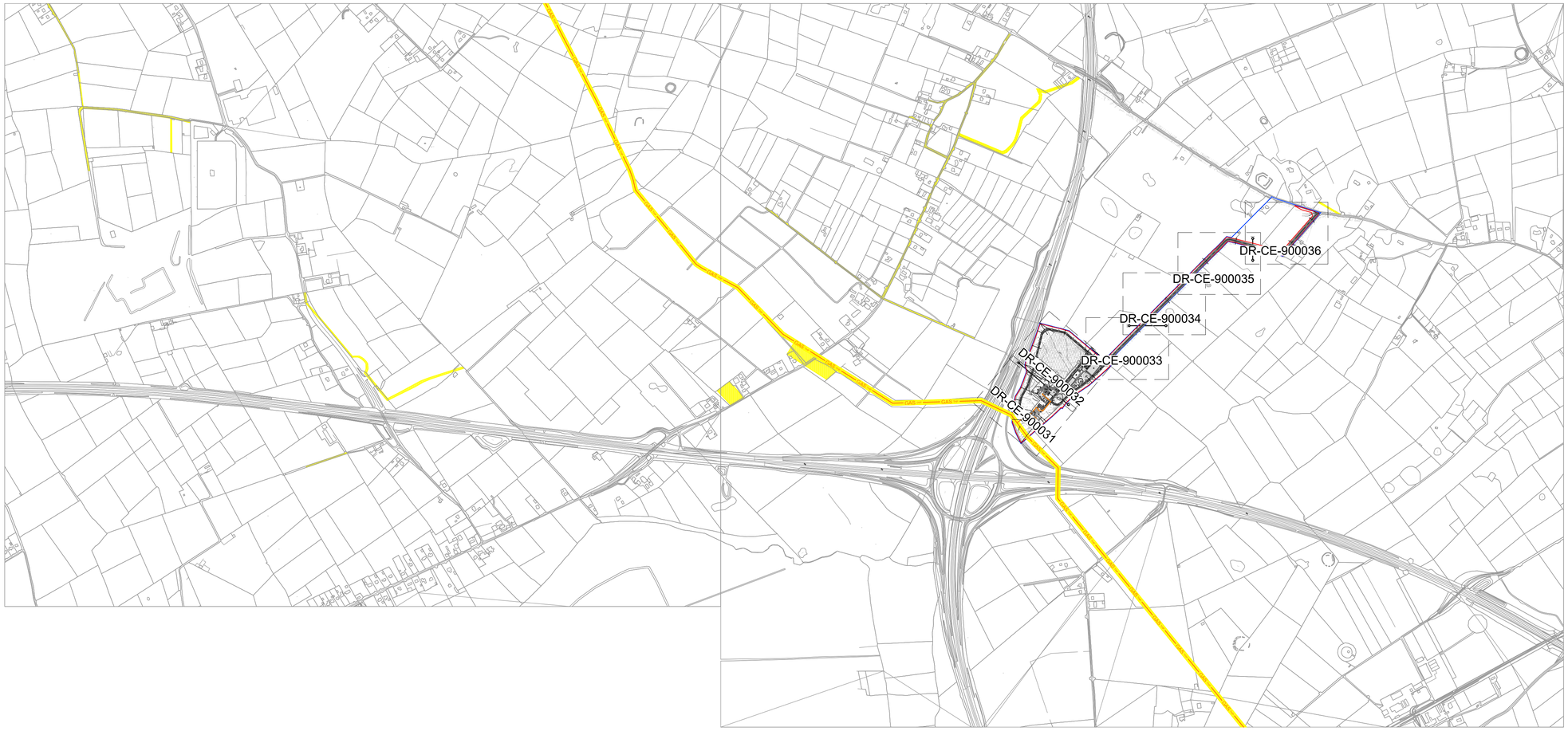
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DO NOT SCALE

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Date: Feb 05, 2026 - 5:16pm Plotted by: DEWH1347

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LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- WAYLEAVE
- SLEEPER / OH PIPE RACK
- PROPOSED STRUCTURES
- ATTENUATION POND / SOAKAWAY
- SETDOWN AREAS
- LIGHTNING MAST
- TELECOMMUNICATION MAST
- DEMOLITION AREAS
- PROPOSED FENCING
- HIGH PRESSURE GAS LINE
- LOW PRESSURE GAS LINE
- LAMP STANDARD
- PROPOSED CONTOURS
- EXISTING CONTOURS
- PALISADE FENCING
- PALADIN FENCING
- POST AND RAIL FENCING
- SUBSTATION TO BE SUBMITTED AS SEPARATE SID APPLICATION

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0 100 200 400 600 800 1000m

SCALE 1:10000 @ A1; 1:20000 @ A3

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
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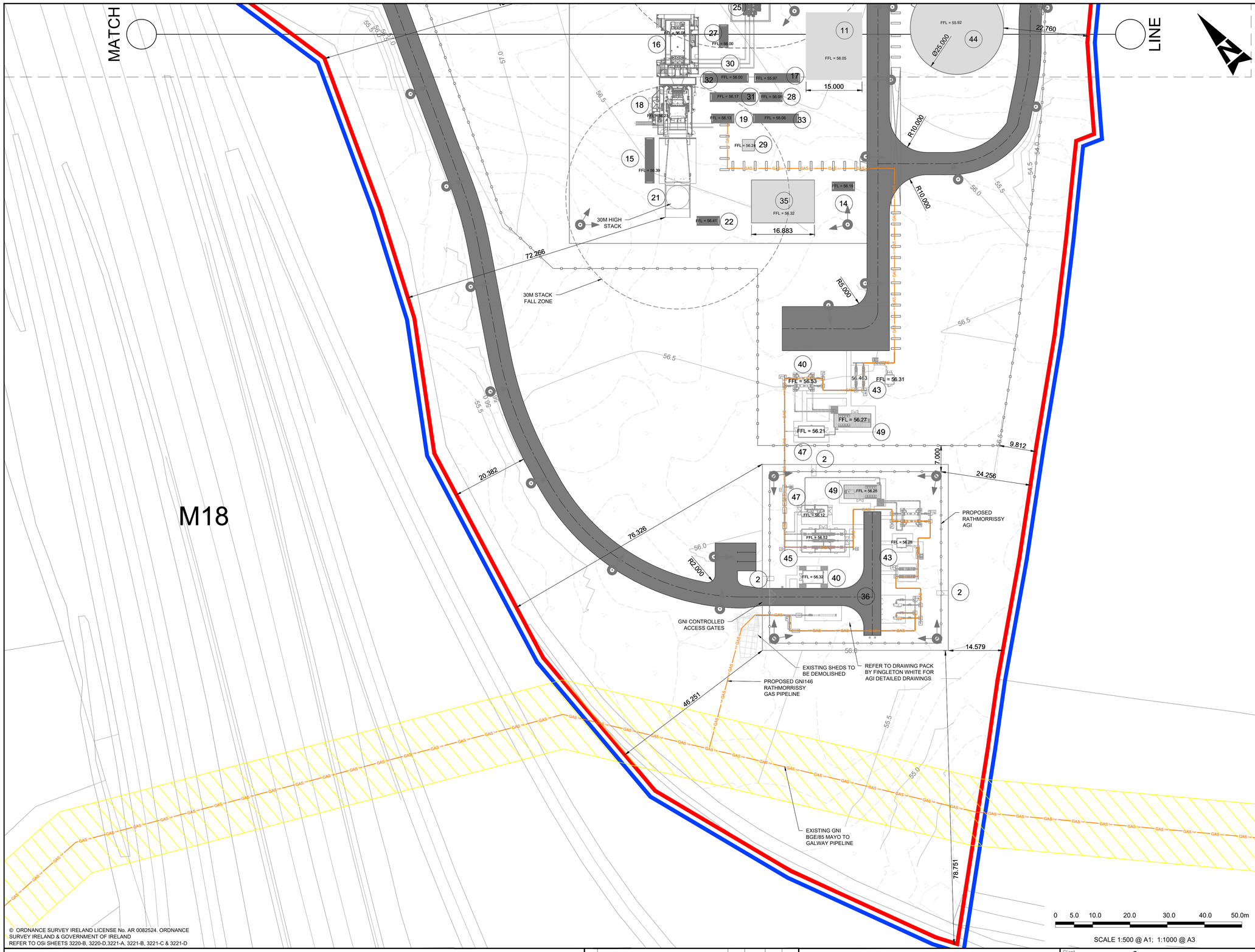
Purpose: PLANNING

Title: SITE LAYOUT KEYPLAN

Original Scale	Design/Drawn	Checked	Authorised
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Status	Drawing Number	Rev
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KEY TABLE

1	ADMINISTRATION BUILDING SUBSTATION
2	AGI PEDESTRIAN ACCESS GATE
3	UNDERGROUND WASTEWATER TREATMENT PLANT
4	ADMINISTRATION BUILDING
5	WORKSHOP BUILDING
6	MAINTENANCE LAY DOWN AREA
7	MAIN ENTRANCE GATES
8	EMERGENCY ACCESS GATES
9	FUEL TANK - CAPACITY 2x3502cu.m 20MØ 11.1m HIGH
10	FUEL TANK BUND - 2.5m HIGH
11	ELECTRICAL CONTROL BUILDING
12	DEMIN TANK PUMP SKID
13	SERVICE WATER PUMP SKID
14	EMERGENCY DIESEL GENERATOR
15	CO2 FIRE FIGHTING SKID
16	GENERATOR
17	COMPRESSOR CLEANING SKID AND TANKS
18	TURBINE
19	FUEL GAS SUPPLY SYSTEM SKID
20	--ITEM NUMBER NOT USED INTENTIONALLY--
21	TURBINE EXHAUST STACK
22	CONTINUOUS EMMISSIONS MONITORING UNIT
23	--ITEM NUMBER NOT USED INTENTIONALLY--
24	--ITEM NUMBER NOT USED INTENTIONALLY--
25	UNIT AUIXILIARY TRANSFORMER (UAT)
26	GSU TRANSFORMER
27	AIR COOLING SKID
28	WATER SKID
29	PROPANE TANK
30	GENERATOR CIRCUIT BREAKER
31	OIL LUBE SKID
32	DUAL FUEL MODULE
33	COMPRESSED AIR SKID
34	--ITEM NUMBER NOT USED INTENTIONALLY--
35	FIN FAN COOLER
36	RATHMORRISSY AGI (DRAWING 2183-DG-1001)
37	FUEL FORWARDING & UNLOADING AREA
38	--ITEM NUMBER NOT USED INTENTIONALLY--
39	FIRE & SERVICE WATER TANK
40	ELECTRICAL AND INSTRUMENTATION KIOSK (DRAWING 2183-DG-1005)
41	FIRE WATER PUMP SKID
42	WATER TREATMENT PLANT
43	GAS ANALYSER KIOSK (DRAWING 2183-DG-1006)
44	DEMIN WATER TANK 7555M3 25MØ 15.4M HIGH
45	MAIN PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1002)
46	SOAKAWAY RETENTION POND
47	ANCILLARY PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1004)
48	UNDERGROUND 1087cu.m CONTAMINATED FIREWATER TANK
49	BOILER HOUSE KIOSK (DRAWING 2183-DG-1003)
50	DEMIN WASTE TANK - 10mØ 5m HIGH

LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- WAYLEAVE
- SLEEPER / OH PIPE RACK
- PROPOSED STRUCTURES
- ATTENUATION POND / SOAKAWAY
- SETDOWN AREAS
- LIGHTNING MAST
- TELECOMMUNICATION MAST
- DEMOLITION AREAS
- PROPOSED FENCING
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Rev	Description	By	Date	Chk'd	Auth
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Purpose: PLANNING

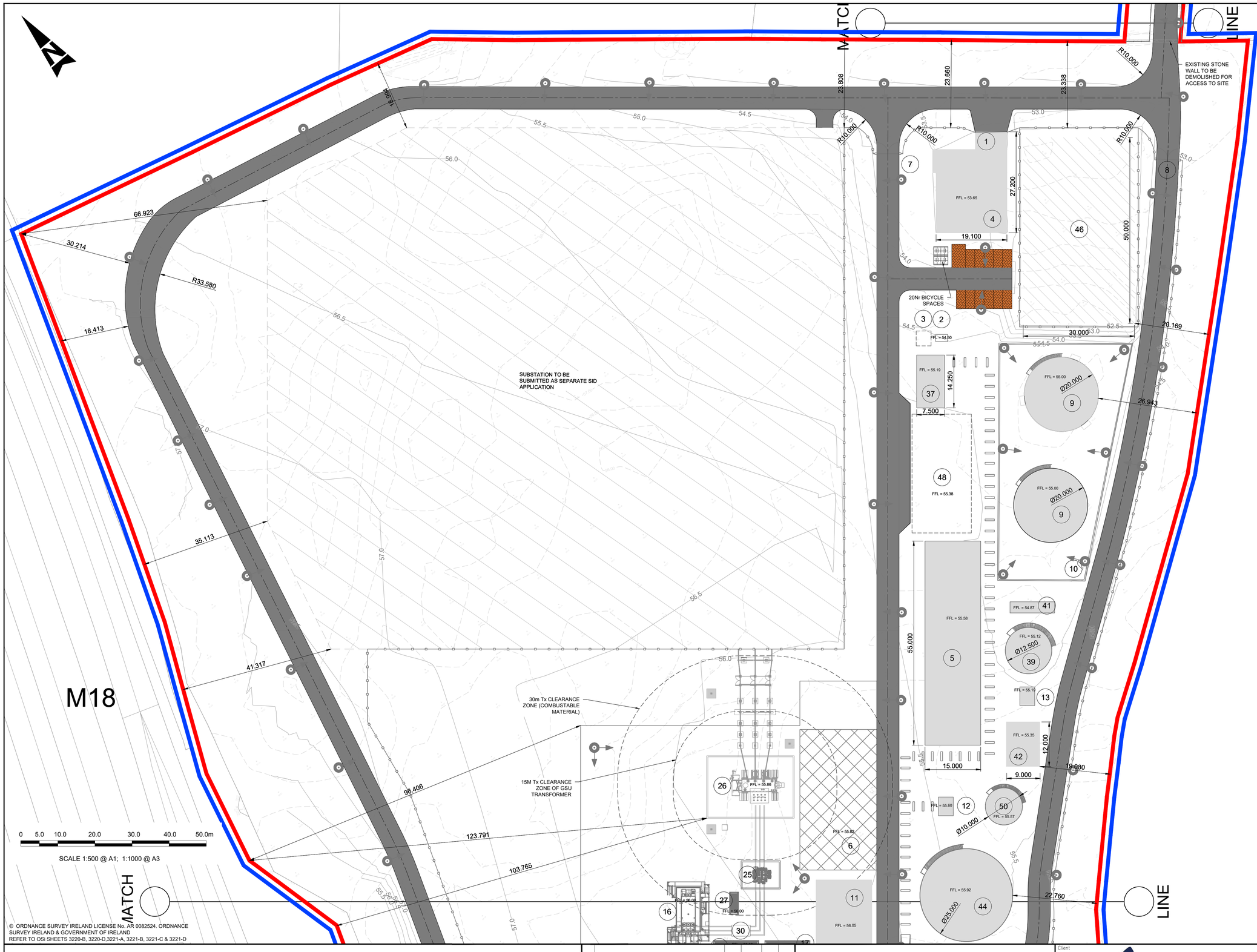
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32	DUAL FUEL MODULE
33	COMPRESSED AIR SKID
34	--ITEM NUMBER NOT USED INTENTIONALLY--
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36	RATHMORRISSY AGI (DRAWING 2183-DG-1001)
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47	ANCILLARY PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1004)
48	UNDERGROUND 1087sq.m CONTAMINATED FIREWATER TANK
49	BOILER HOUSE KIOSK (DRAWING 2183-DG-1003)
50	DEMIN WASTE TANK - 10mØ 5m HIGH

LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- WAYLEAVE
- SLEEPER / OH PIPE RACK
- PROPOSED STRUCTURES
- ATTENUATION POND / SOAKAWAY
- SETDOWN AREAS
- LIGHTNING MAST
- TELECOMMUNICATION MAST
- DEMOLITION AREAS
- PROPOSED FENCING
- HIGH PRESSURE GAS LINE
- LOW PRESSURE GAS LINE
- LAMP STANDARD
- PROPOSED CONTOURS
- EXISTING CONTOURS
- PALISADE FENCING
- PALADIN FENCING
- POST AND RAIL FENCING
- SUBSTATION TO BE SUBMITTED AS SEPARATE SID APPLICATION

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: SITE LAYOUT SHEET 02

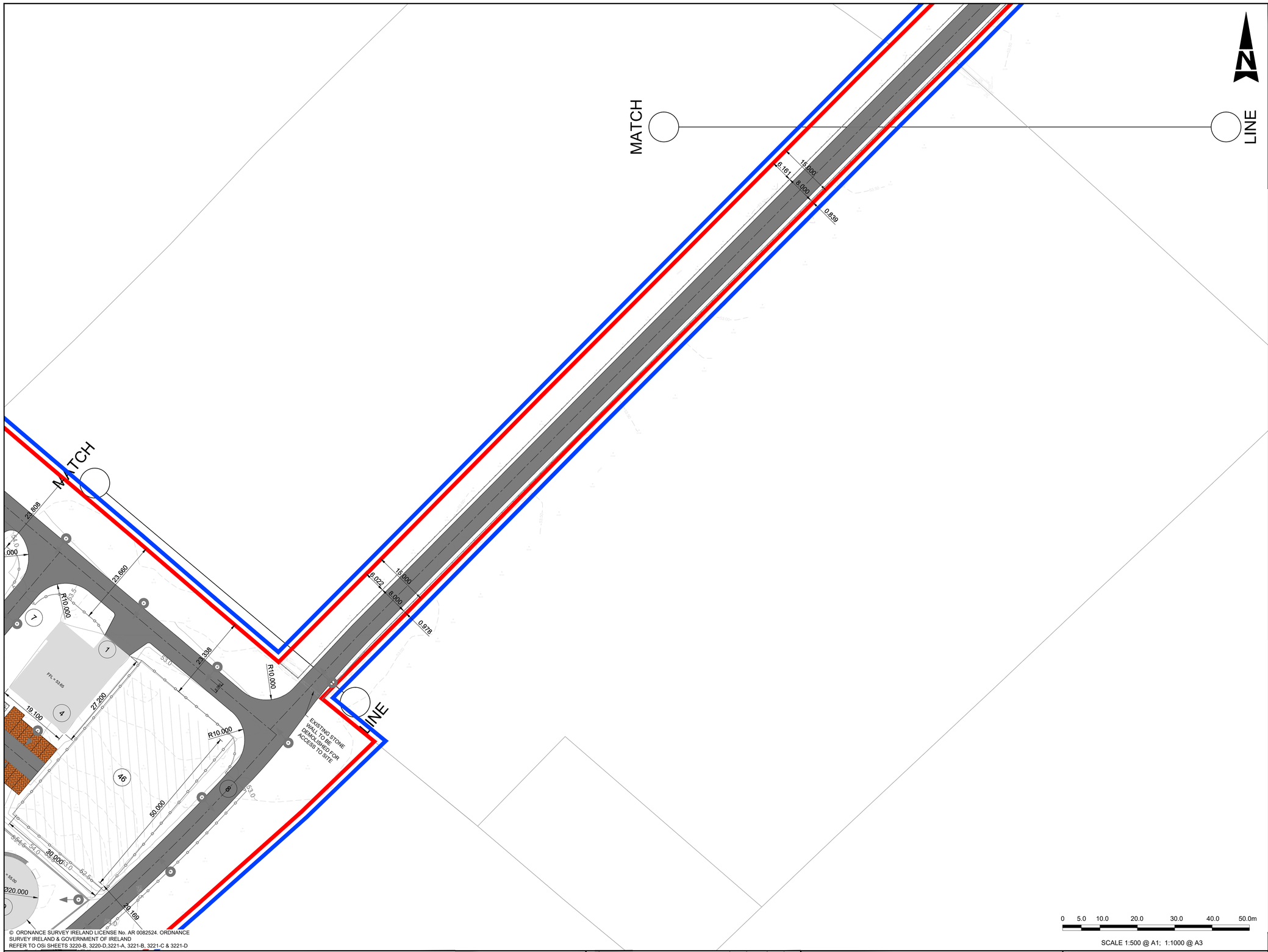
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1:500 at A1	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

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Date: Jan 29, 2026 - 4:24pm Plotted by: SHERBAOO

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GENERAL NOTES

1. ALL DIMENSIONS ARE IN METERS UNLESS NOTED OTHERWISE
2. ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS
3. ALL LEVELS ARE IN METERS AND ARE TO MALIN HEAD DATUM
4. ALL COORDINATES ARE IN METERS AND ARE TO IRISH TRANSVERSE MERCATOR
5. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION
6. THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSES OF THE PLANNING APPLICATION AND IS SUBJECT TO DETAILED DESIGN.

KEY TABLE

1	ADMINISTRATION BUILDING SUBSTATION
2	AGI PEDESTRIAN ACCESS GATE
3	UNDERGROUND WASTEWATER TREATMENT PLANT
4	ADMINISTRATION BUILDING
5	WORKSHOP BUILDING
6	MAINTENANCE LAY DOWN AREA
7	MAIN ENTRANCE GATES
8	EMERGENCY ACCESS GATES
9	FUEL TANK - CAPACITY 2x3502cu.m 20MØ 11.1m HIGH
10	FUEL TANK BUND - 2.5m HIGH
11	ELECTRICAL CONTROL BUILDING
12	DEMIN TANK PUMP SKID
13	SERVICE WATER PUMP SKID
14	EMERGENCY DIESEL GENERATOR
15	CO2 FIRE FIGHTING SKID
16	GENERATOR
17	COMPRESSOR CLEANING SKID AND TANKS
18	TURBINE
19	FUEL GAS SUPPLY SYSTEM SKID
20	--ITEM NUMBER NOT USED INTENTIONALLY--
21	TURBINE EXHAUST STACK
22	CONTINUOUS EMMISSIONS MONITORING UNIT
23	--ITEM NUMBER NOT USED INTENTIONALLY--
24	--ITEM NUMBER NOT USED INTENTIONALLY--
25	UNIT AUIXILIARY TRANSFORMER (UAT)
26	GSU TRANSFORMER
27	AIR COOLING SKID
28	WATER SKID
29	PROPANE TANK
30	GENERATOR CIRCUIT BREAKER
31	OIL LUBE SKID
32	DUAL FUEL MODULE
33	COMPRESSED AIR SKID
34	--ITEM NUMBER NOT USED INTENTIONALLY--
35	FIN FAN COOLER
36	RATHMORRISSY AGI (DRAWING 2183-DG-1001)
37	FUEL FORWARDING & UNLOADING AREA
38	--ITEM NUMBER NOT USED INTENTIONALLY--
39	FIRE & SERVICE WATER TANK
40	ELECTRICAL AND INSTRUMENTATION KIOSK (DRAWING 2183-DG-1005)
41	FIRE WATER PUMP SKID
42	WATER TREATMENT PLANT
43	GAS ANALYSER KIOSK (DRAWING 2183-DG-1006)
44	DEMIN WATER TANK 7555M3 25MØ 15.4M HIGH
45	MAIN PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1002)
46	SOAKAWAY RETENTION POND
47	ANCILLARY PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1004)
48	UNDERGROUND 1087cu.m CONTAMINATED FIREWATER TANK
49	BOILER HOUSE KIOSK (DRAWING 2183-DG-1003)
50	DEMIN WASTE TANK - 10mØ 5m HIGH

LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- WAYLEAVE
- SLEEPER / OH PIPE RACK
- PROPOSED STRUCTURES
- ATTENUATION POND / SOAKAWAY
- SETDOWN AREAS
- LIGHTNING MAST
- TELECOMMUNICATION MAST
- DEMOLITION AREAS
- PROPOSED FENCING
- HIGH PRESSURE GAS LINE
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- PALADIN FENCING
- POST AND RAIL FENCING
- SUBSTATION TO BE SUBMITTED AS SEPARATE SID APPLICATION

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: SITE LAYOUT SHEET 03

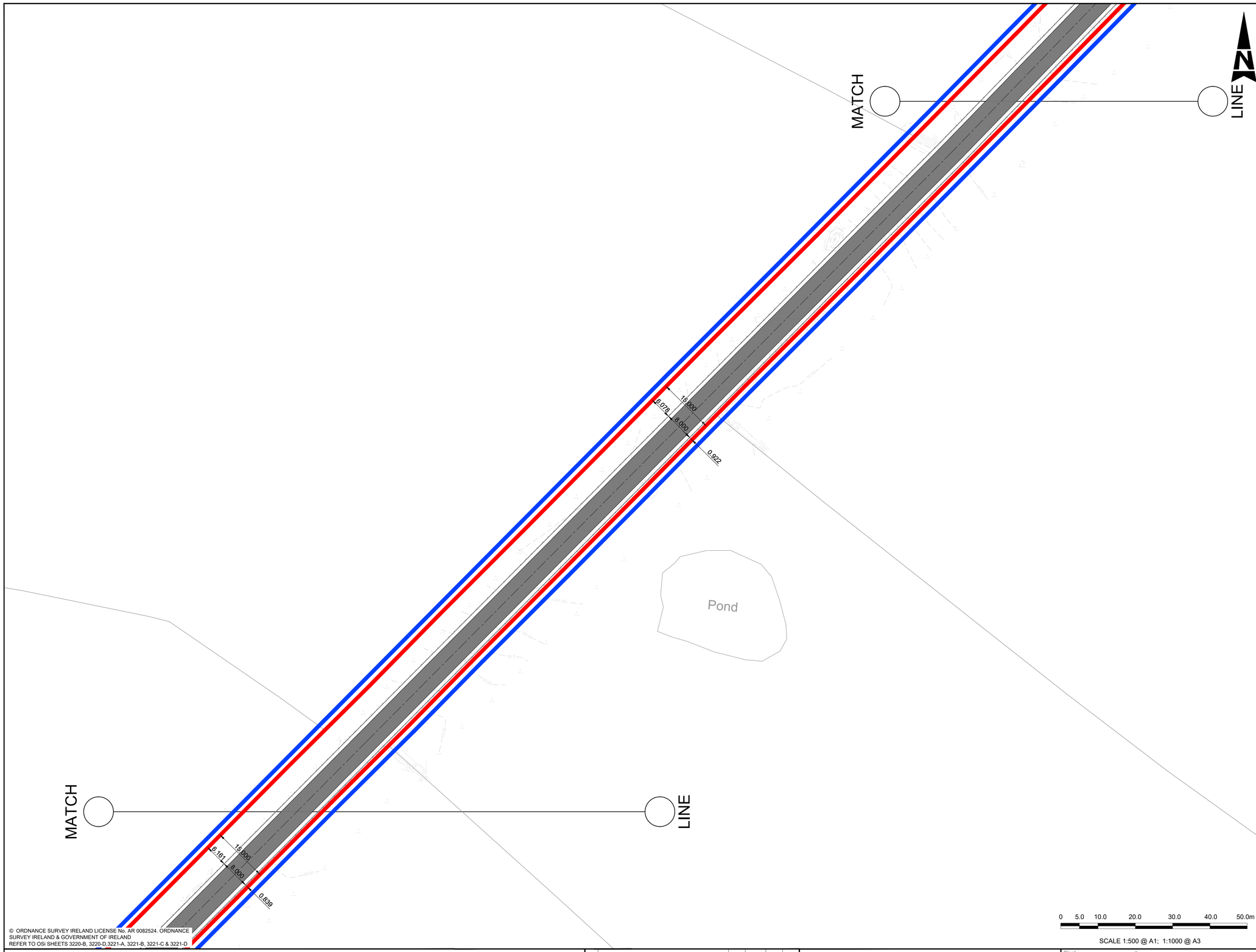
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1:500 at A1	PS Date 01.12.25	ND Date 01.12.25	AJB Date 01.12.25

Status	Drawing Number	Rev
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Date: Jan 29, 2026 - 4:24pm

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SCALE 1:500 @ A1; 1:1000 @ A3

GENERAL NOTES

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LEGEND

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- LAND OWNERSHIP BOUNDARY
- WAYLEAVE
- SLEEPER / OH PIPE RACK
- PROPOSED STRUCTURES
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- PALADIN FENCING
- POST AND RAIL FENCING
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Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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

Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: SITE LAYOUT SHEET 04

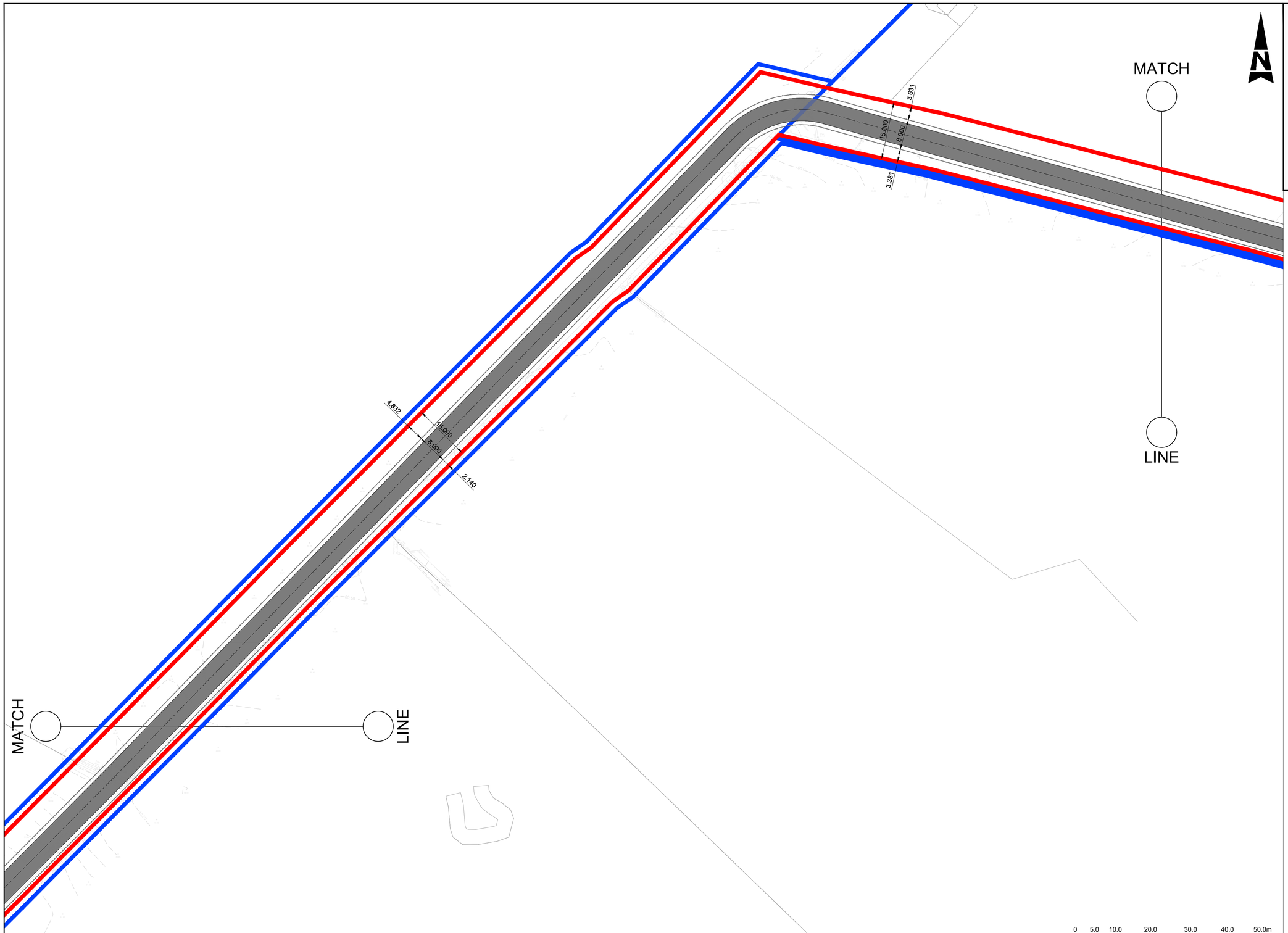
Original Scale	Design/Drawn	Checked	Authorised
1:500 at A1	PS Date 01.12.25	ND Date 01.12.25	AJB Date 01.12.25

Status	Drawing Number	Rev
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A1 DO NOT SCALE

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Date: Jan 29, 2026 - 4:24pm Plotted by: SHERMAN

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LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- WAYLEAVE
- SLEEPER / OH PIPE RACK
- PROPOSED STRUCTURES
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- PALADIN FENCING
- POST AND RAIL FENCING
- SUBSTATION TO BE SUBMITTED AS SEPARATE SID APPLICATION

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SCALE 1:500 @ A1; 1:1000 @ A3

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: SITE LAYOUT
SHEET 05

Original Scale	Design/Drawn	Checked	Authorised
1:500 at A1	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status	Drawing Number	Rev
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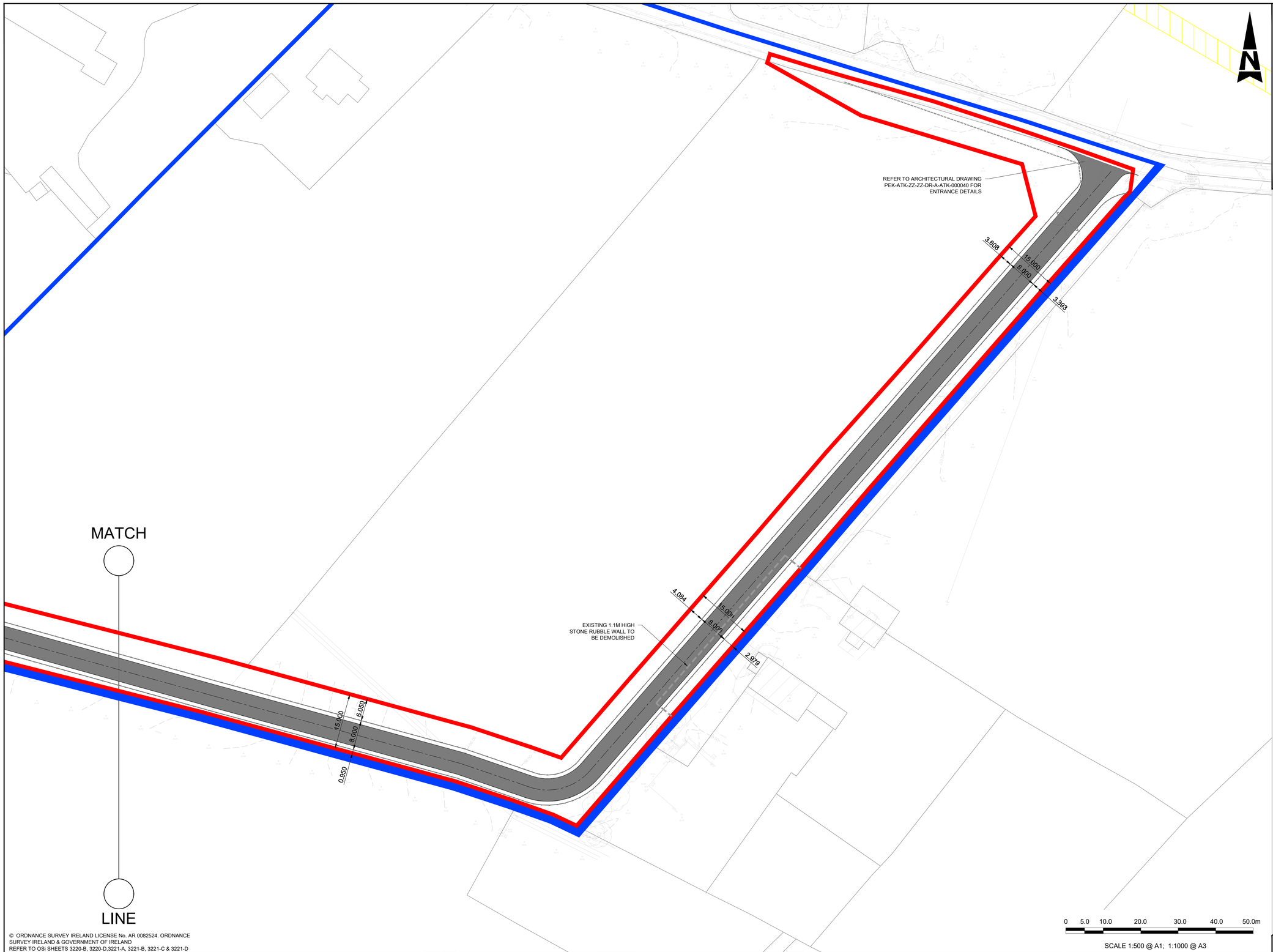
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Date: Jan 29, 2026 - 4:24pm Plotted by: SHER8400

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100
0 10
A1

DO NOT SCALE

File: PEK3-ATK-ZZ-01-DR-CE-900030-900059.dwg
Date: Feb 18, 2026 - 4:53pm Plotted by: DEWH1347



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GENERAL NOTES

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LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- WAYLEAVE
- SLEEPER / OH PIPE RACK
- PROPOSED STRUCTURES
- ATTENUATION POND / SOAKAWAY
- SETDOWN AREAS
- LIGHTNING MAST
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- PALISADE FENCING
- PALADIN FENCING
- POST AND RAIL FENCING
- SUBSTATION TO BE SUBMITTED AS SEPARATE SID APPLICATION

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SCALE 1:500 @ A1; 1:1000 @ A3

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: SITE LAYOUT
SHEET 06

Original Scale	Design/Drawn		Checked		Authorised	
1:500 at A1	PS	Date 01.12.25	ND	Date 01.12.25	AJB	Date 01.12.25

Status	Drawing Number	Rev
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DO NOT SCALE

KEY TABLE

1	ADMINISTRATION BUILDING SUBSTATION
2	AGI PEDESTRIAN ACCESS GATE
3	UNDERGROUND WASTEWATER TREATMENT PLANT
4	ADMINISTRATION BUILDING
5	WORKSHOP BUILDING
6	MAINTENANCE LAY DOWN AREA
7	MAIN ENTRANCE GATES
8	EMERGENCY ACCESS GATES
9	FUEL TANK - CAPACITY 2x350Cu.m 20MØ 11.1m HIGH
10	FUEL TANK BUND - 2.5m HIGH
11	ELECTRICAL CONTROL BUILDING
12	DEMIN TANK PUMP SKID
13	SERVICE WATER PUMP SKID
14	EMERGENCY DIESEL GENERATOR
15	CO2 FIRE FIGHTING SKID
16	GENERATOR
17	COMPRESSOR CLEANING SKID AND TANKS
18	TURBINE
19	FUEL GAS SUPPLY SYSTEM SKID
20	--ITEM NUMBER NOT USED INTENTIONALLY--
21	TURBINE EXHAUST STACK
22	CONTINUOUS EMMISSIONS MONITORING UNIT
23	--ITEM NUMBER NOT USED INTENTIONALLY--
24	--ITEM NUMBER NOT USED INTENTIONALLY--
25	UNIT AUXILIARY TRANSFORMER (UAT)
26	GSU TRANSFORMER
27	AIR COOLING SKID
28	WATER SKID
29	PROPANE TANK
30	GENERATOR CIRCUIT BREAKER
31	OIL LUBE SKID
32	DUAL FUEL MODULE
33	COMPRESSED AIR SKID
34	--ITEM NUMBER NOT USED INTENTIONALLY--
35	FIN FAN COOLER
36	RATHMORRISSY AGI (DRAWING 2183-DG-1001)
37	FUEL FORWARDING & UNLOADING AREA
38	--ITEM NUMBER NOT USED INTENTIONALLY--
39	FIRE & SERVICE WATER TANK
40	ELECTRICAL AND INSTRUMENTATION KIOSK (DRAWING 2183-DG-1005)
41	FIRE WATER PUMP SKID
42	WATER TREATMENT PLANT
43	GAS ANALYSER KIOSK (DRAWING 2183-DG-1006)
44	DEMIN WATER TANK 7555M3 25MØ 15.4M HIGH
45	MAIN PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1002)
46	SOAKAWAY RETENTION POND
47	ANCILLARY PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1004)
48	UNDERGROUND 1087cu.m CONTAMINATED FIREWATER TANK
49	BOILER HOUSE KIOSK (DRAWING 2183-DG-1003)
50	DEMIN WASTE TANK - 10mØ 5m HIGH

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
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LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- WAYLEAVE
- SLEEPER / OH PIPE RACK
- PROPOSED STRUCTURES
- ATTENUATION POND / SOAKAWAY
- SETDOWN AREAS
- LIGHTNING MAST
- TELECOMMUNICATION MAST
- DEMOLITION AREAS
- PROPOSED PALISADE FENCING
- PROPOSED PALLADIN FENCING
- PROPOSED POST & RAIL FENCING
- HIGH PRESSURE GAS LINE
- LOW PRESSURE GAS LINE
- LAMP STANDARD
- SUBSTATION TO BE SUBMITTED AS SEPARATE SID APPLICATION
- PROPOSED CONTOURS
- EXISTING CONTOURS

M18

M18

SUBSTATION TO BE SUBMITTED AS SEPARATE SID APPLICATION

30m Tx CLEARANCE ZONE (COMBUSTABLE MATERIAL)

30m STACK FALL ZONE

30m HIGH STACK

15M Tx CLEARANCE ZONE OF GSU TRANSFORMER

PROPOSED GN146 RATHMORRISSY GAS PIPELINE

GNI CONTROLLED ACCESS GATES

EXISTING SHEDS TO BE DEMOLISHED

EXISTING GNI BGE/IS MAYO TO GALWAY PIPELINE

LOCAL ACCESS TO BE MAINTAINED

PROPOSED RATHMORRISSY AGI

20Nr BICYCLE SPACES

EXISTING STONE WALL TO BE DEMOLISHED FOR ACCESS TO SITE

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A0 1:1000 @ A1

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway.

Purpose	PLANNING
Title	SITE LAYOUT SHEET 07
Original Scale	1:500 at A0
Design/Drawn	PS 01.12.25
Checked	ND 01.12.25
Authorised	AJB 01.12.25
Status	A2
Drawing Number	PEK3-ATK-ZZ-01-DR-CE-900037
Rev	0

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DO NOT SCALE

KEY TABLE

1	ADMINISTRATION BUILDING SUBSTATION
2	AGI PEDESTRIAN ACCESS GATE
3	UNDERGROUND WASTEWATER TREATMENT PLANT
4	ADMINISTRATION BUILDING
5	WORKSHOP BUILDING
6	MAINTENANCE LAY DOWN AREA
7	MAIN ENTRANCE GATES
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9	FUEL TANK - CAPACITY 2x3502cu.m 20MØ 11.1m HIGH
10	FUEL TANK BUND - 2.5m HIGH
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22	CONTINUOUS EMMISSIONS MONITORING UNIT
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28	WATER SKID
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31	OIL LUBE SKID
32	DUAL FUEL MODULE
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36	RATHMORRISSY AGI (DRAWING 2183-DG-1001)
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48	UNDERGROUND 1087cu.m CONTAMINATED FIREWATER TANK
49	BOILER HOUSE KIOSK (DRAWING 2183-DG-1003)
50	DEMIN WASTE TANK - 10mØ 5m HIGH

Millimetres 100 10 0

M18

M18

3 900072 2 900071

4 900072 2 900071

3 900072 1 900071

4 900072 1 900071

SUBSTATION TO BE SUBMITTED AS SEPARATE SID APPLICATION

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A0 1:1000 @ A1

GENERAL NOTES

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LEGEND

- PROJECT BOUNDARY FOR PLANNING
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- SLEEPER / OH PIPE RACK
- PROPOSED STRUCTURES
- ATTENUATION POND / SOAKAWAY
- SETDOWN AREAS
- LIGHTNING MAST
- TELECOMMUNICATION MAST
- SUBSTATION TO BE SUBMITTED AS SEPARATE SID APPLICATION

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

AtkinsRéalis
DUBLIN | CORK | GALWAY | DUNDALK
ATKINS HOUSE,150 AIRSIDE BUSINESS PARK, SWORDS, DUBLIN, K67 KSW4.
Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: SITE ELEVATION LOCATIONS

Original Scale	Design/Dwn	Checked	Authorised
1:500 at A0	PS Date 01.12.25	ND Date 01.12.25	AJB Date 01.12.25

Status	Drawing Number	Rev.
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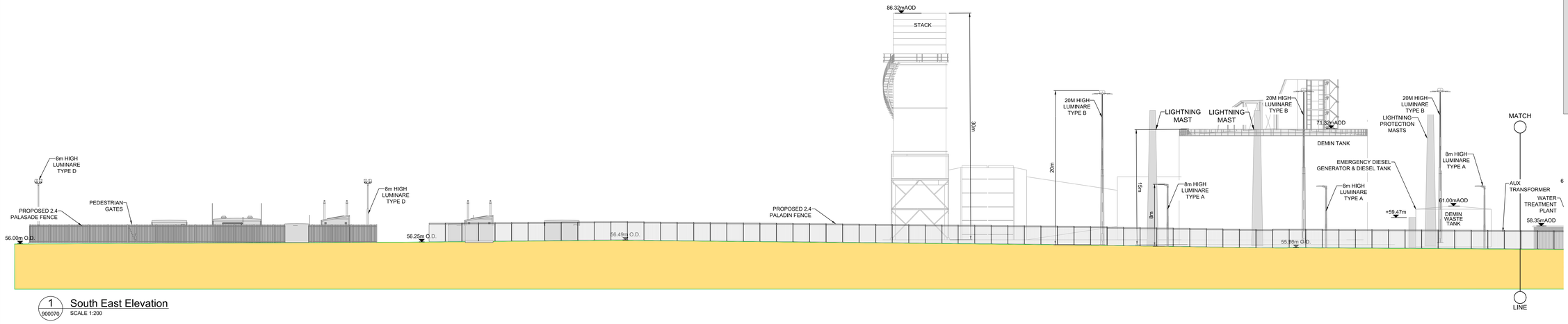
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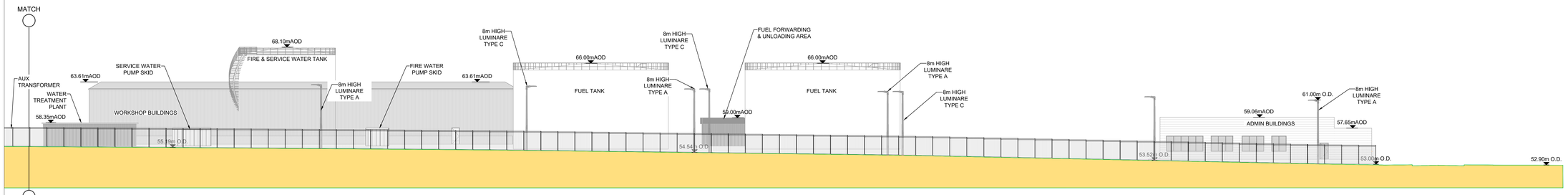
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GENERAL NOTES

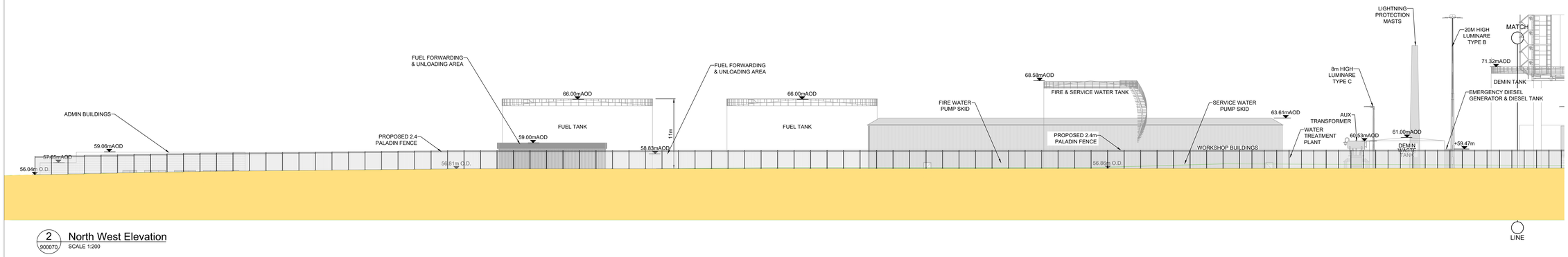
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE
2. ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS
3. ALL LEVELS ARE IN METRES AND ARE TO MALIN HEAD DATUM
4. ALL COORDINATES ARE IN METRES AND ARE TO IRISH TRANSVERSE MERCATOR
5. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION
6. THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSES OF THE PLANNING APPLICATION AND IS SUBJECT TO DETAILED DESIGN



1 900070 South East Elevation
SCALE 1:200



1 900070 ELEVATION -Cont:/-
SCALE 1:200



2 900070 North West Elevation
SCALE 1:200

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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ATKINS HOUSE,150 AIRSIDE BUSINESS PARK, SWORDS, DUBLIN, K67 K5W4.
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Email : info.ie@atkinsréalis.com

Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway.

Purpose: PLANNING
Title: SITE ELEVATIONS SHEET 01

Original Scale	Design/Drawn	Checked	Authorised
1:200 at A0	PS Date 01.12.25	ND Date 01.12.25	AJB Date 01.12.25

Status	Drawing Number	Rev
A2	PEK3-ATK-ZZ-01-DR-CE-900071	0

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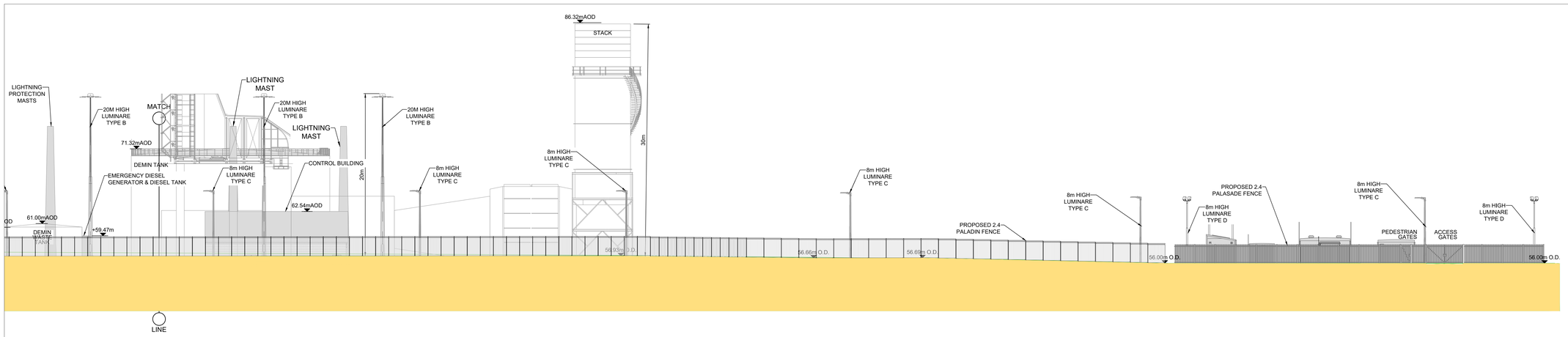
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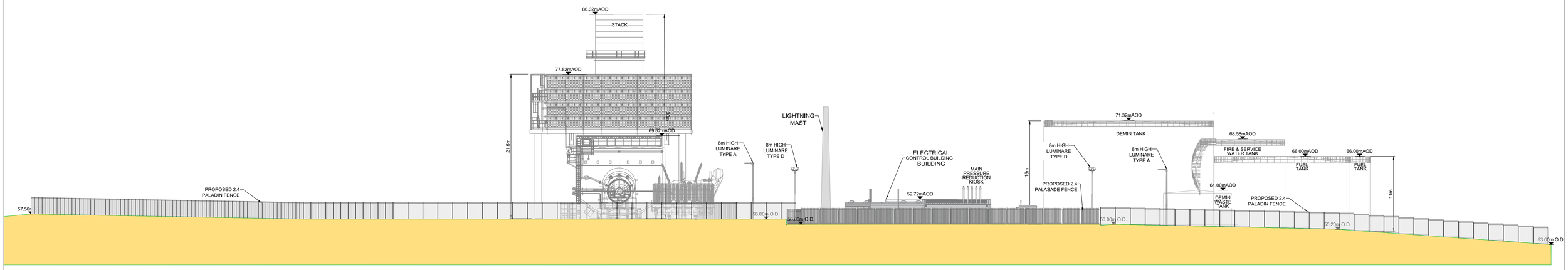
GENERAL NOTES

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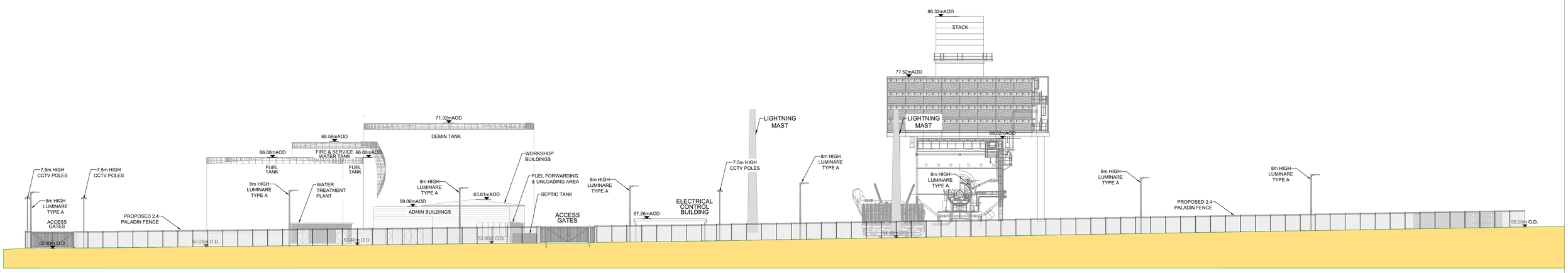
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2 900070 ELEVATION Cont:-
SCALE 1:200



3 900070 South West Elevation
SCALE 1:200



4 900070 North East Elevation
SCALE 1:200

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: SITE ELEVATIONS SHEET 02

Original Scale	Design/Drawn	Checked	Authorised
1:200 at A0	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status	Drawing Number	Rev
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A1

DO NOT SCALE

File: PEK3-ATK-ZZ-01-DR-CE-900500-900502.dwg
Date: Feb 06, 2026 - 2:59pm Plotted by: SHER8400

GENERAL NOTES

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N

DR-CE-900506
DR-CE-900505
DR-CE-900504
DR-CE-900503
DR-CE-900502
DR-CE-900501

M17
M18

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REFER TO OSI SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

0 25 50 100 150 200 250m

SCALE 1:2500 @ A1; 1:5000 @ A3

LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- SLEEPER / OH PIPE RACK
- PROPOSED STRUCTURES
- ATTENUATION POND / SOAKAWAY
- SETDOWN AREAS
- LIGHTNING MAST
- TELECOMMUNICATION MAST
- PROPOSED CARRIER DRAIN
- PROPOSED FILTER DRAIN
- PROPOSED CONTAMINATED LINES
- PROPOSED STORM MANHOLE
- ACTUATOR MANHOLE CONTAINING SENSORS TO DIVERT THE FLOW BASED ON CONTAMINATION LEVEL
- PROPOSED LINEAR DRAIN AND SUMP
- HIGH PRESSURE GAS LINE
- LOW PRESSURE GAS LINE

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

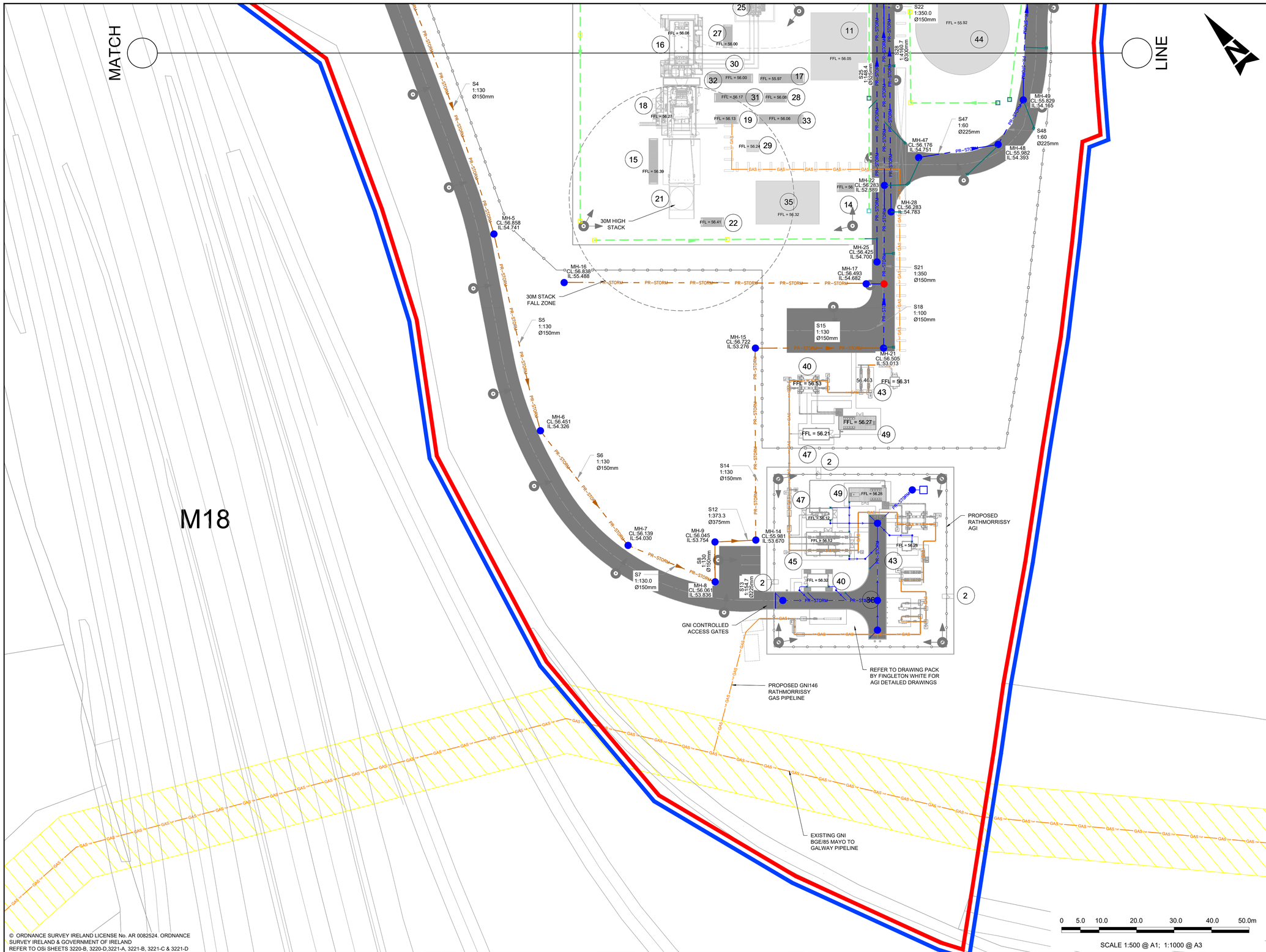
Purpose: PLANNING

Title: STORM DRAINAGE LAYOUT KEYPLAN

Original Scale	Design/Drawn	Checked	Authorised
1:2500 at A1	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status	Drawing Number	Rev
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REFER TO OSI SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

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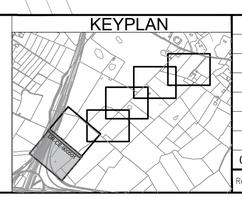
KEY TABLE

1	ADMINISTRATION BUILDING SUBSTATION
2	AGI PEDESTRIAN ACCESS GATE
3	UNDERGROUND WASTEWATER TREATMENT PLANT
4	ADMINISTRATION BUILDING
5	WORKSHOP BUILDING
6	MAINTENANCE LAY DOWN AREA
7	MAIN ENTRANCE GATES
8	EMERGENCY ACCESS GATES
9	FUEL TANK - CAPACITY 2x3502cu.m 20MØ 11.1m HIGH
10	FUEL TANK BUND - 2.5m HIGH
11	ELECTRICAL CONTROL BUILDING
12	DEMIN TANK PUMP SKID
13	SERVICE WATER PUMP SKID
14	EMERGENCY DIESEL GENERATOR
15	CO2 FIRE FIGHTING SKID
16	GENERATOR
17	COMPRESSOR CLEANING SKID AND TANKS
18	TURBINE
19	FUEL GAS SUPPLY SYSTEM SKID
20	--ITEM NUMBER NOT USED INTENTIONALLY--
21	TURBINE EXHAUST STACK
22	CONTINUOUS EMMISSIONS MONITORING UNIT
23	--ITEM NUMBER NOT USED INTENTIONALLY--
24	--ITEM NUMBER NOT USED INTENTIONALLY--
25	UNIT AUIXILIARY TRANSFORMER (UAT)
26	GSU TRANSFORMER
27	AIR COOLING SKID
28	WATER SKID
29	PROPANE TANK
30	GENERATOR CIRCUIT BREAKER
31	OIL LUBE SKID
32	DUAL FUEL MODULE
33	COMPRESSED AIR SKID
34	--ITEM NUMBER NOT USED INTENTIONALLY--
35	FIN FAN COOLER
36	RATHMORRISSY AGI (DRAWING 2183-DG-1001)
37	FUEL FORWARDING & UNLOADING AREA
38	--ITEM NUMBER NOT USED INTENTIONALLY--
39	FIRE & SERVICE WATER TANK
40	ELECTRICAL AND INSTRUMENTATION KIOSK (DRAWING 2183-DG-1005)
41	FIRE WATER PUMP SKID
42	WATER TREATMENT PLANT
43	GAS ANALYSER KIOSK (DRAWING 2183-DG-1006)
44	DEMIN WATER TANK 7555M3 25MØ 15.4M HIGH
45	MAIN PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1002)
46	SOAKAWAY RETENTION POND
47	ANCILLARY PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1004)
48	UNDERGROUND 1087cu.m CONTAMINATED FIREWATER TANK
49	BOILER HOUSE KIOSK (DRAWING 2183-DG-1003)
50	DEMIN WASTE TANK - 10mØ 5m HIGH

LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- SLEEPER / OH PIPE RACK
- PROPOSED STRUCTURES
- ATTENUATION POND / SOAKAWAY
- SETDOWN AREAS
- LIGHTNING MAST
- TELECOMMUNICATION MAST
- PROPOSED CARRIER DRAIN
- PROPOSED FILTER DRAIN
- PROPOSED CONTAMINATED LINES
- PROPOSED STORM MANHOLE
- ACTUATOR MANHOLE CONTAINING SENSORS TO DIVERT THE FLOW BASED ON CONTAMINATION LEVEL
- PROPOSED LINEAR DRAIN AND SUMP
- HIGH PRESSURE GAS LINE
- LOW PRESSURE GAS LINE

KEYPLAN



Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway.

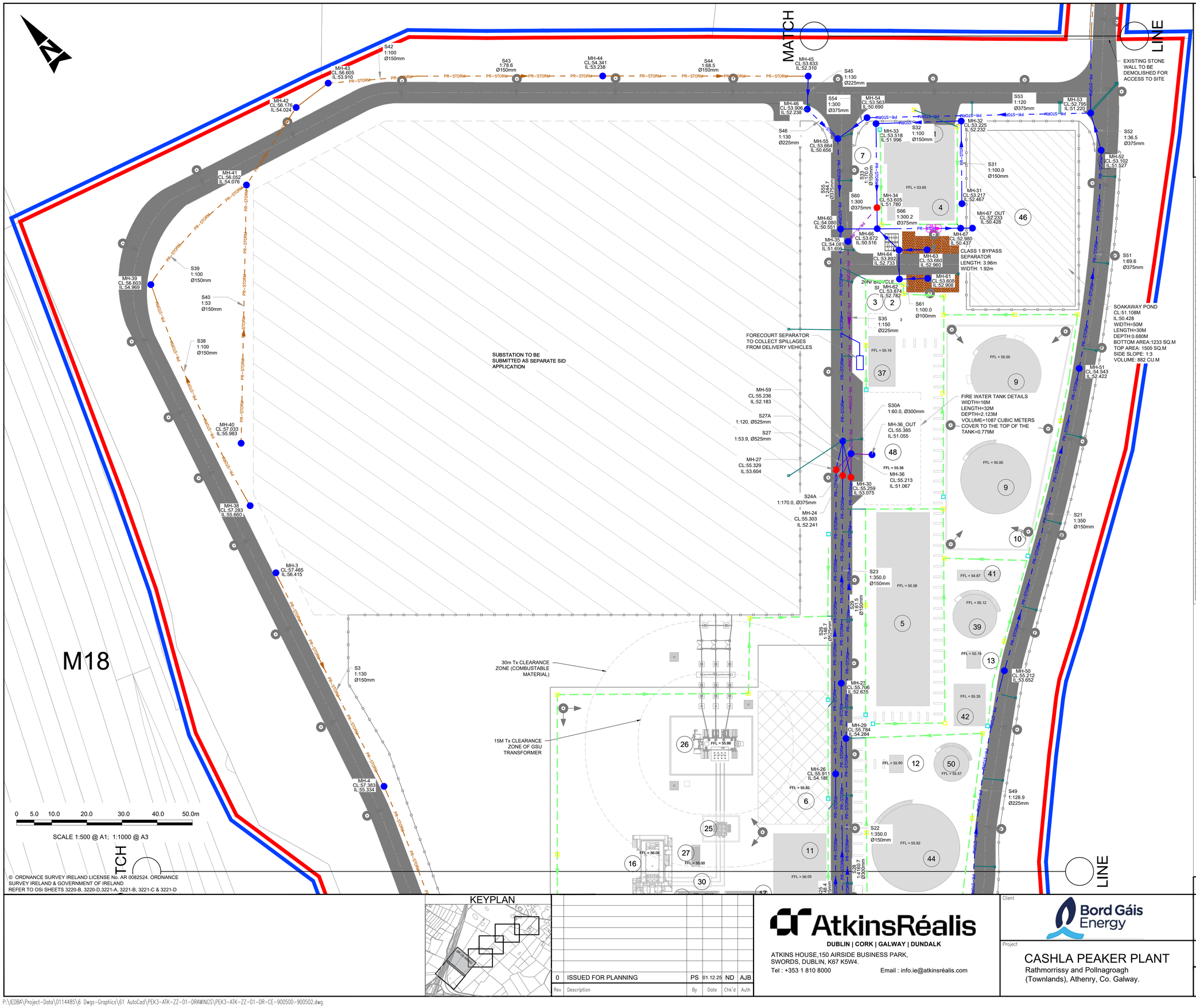
Purpose: PLANNING

Title: STORM DRAINAGE LAYOUT SHEET 01

Original Scale	Design/Drawn	Checked	Authorised
1:500 at A1	PS Date 01.12.25	ND Date 01.12.25	AJB Date 01.12.25

Status	Drawing Number	Rev
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Date: Jan 29, 2026 - 4:26pm Plotted by: SHER8400
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DO NOT SCALE
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KEY TABLE

1	ADMINISTRATION BUILDING SUBSTATION
2	AGI PEDESTRIAN ACCESS GATE
3	UNDERGROUND WASTEWATER TREATMENT PLANT
4	ADMINISTRATION BUILDING
5	WORKSHOP BUILDING
6	MAINTENANCE LAY DOWN AREA
7	MAIN ENTRANCE GATES
8	EMERGENCY ACCESS GATES
9	FUEL TANK - CAPACITY 2x3502cu.m 20MØ 11.1m HIGH
10	FUEL TANK BUND - 2.5m HIGH
11	ELECTRICAL CONTROL BUILDING
12	DEMIN TANK PUMP SKID
13	SERVICE WATER PUMP SKID
14	EMERGENCY DIESEL GENERATOR
15	CO2 FIRE FIGHTING SKID
16	GENERATOR
17	COMPRESSOR CLEANING SKID AND TANKS
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19	FUEL GAS SUPPLY SYSTEM SKID
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31	OIL LUBE SKID
32	DUAL FUEL MODULE
33	COMPRESSED AIR SKID
34	--ITEM NUMBER NOT USED INTENTIONALLY--
35	FIN FAN COOLER
36	RATHMORRISSY AGI (DRAWING 2183-DG-1001)
37	FUEL FORWARDING & UNLOADING AREA
38	--ITEM NUMBER NOT USED INTENTIONALLY--
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49	BOILER HOUSE KIOSK (DRAWING 2183-DG-1003)
50	DEMIN WASTE TANK - 10mØ 5m HIGH

LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- SLEEPER / OH PIPE RACK
- PROPOSED STRUCTURES
- ATTENUATION POND / SOAKAWAY
- SETDOWN AREAS
- LIGHTNING MAST
- TELECOMMUNICATION MAST
- PR-STORM — PROPOSED CARRIER DRAIN
- PR-STORM — PROPOSED FILTER DRAIN
- PR-STORM — PROPOSED CONTAMINATED LINES
- PROPOSED STORM MANHOLE
- ACTUATOR MANHOLE CONTAINING SENSORS TO DIVERT THE FLOW BASED ON CONTAMINATION LEVEL
- PROPOSED LINEAR DRAIN AND SUMP
- PERMEABLE BLOCK PAVING

KEYPLAN

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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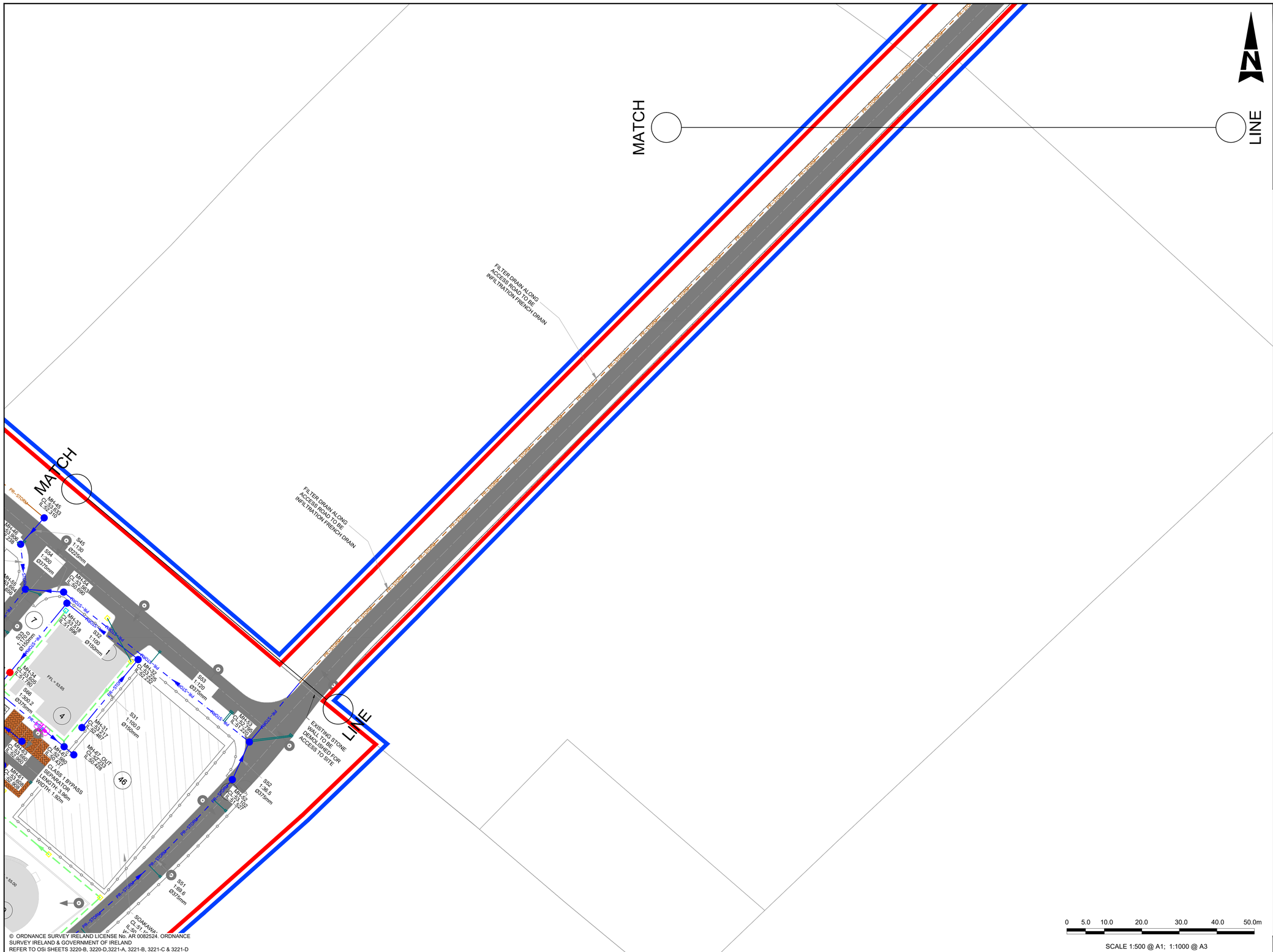
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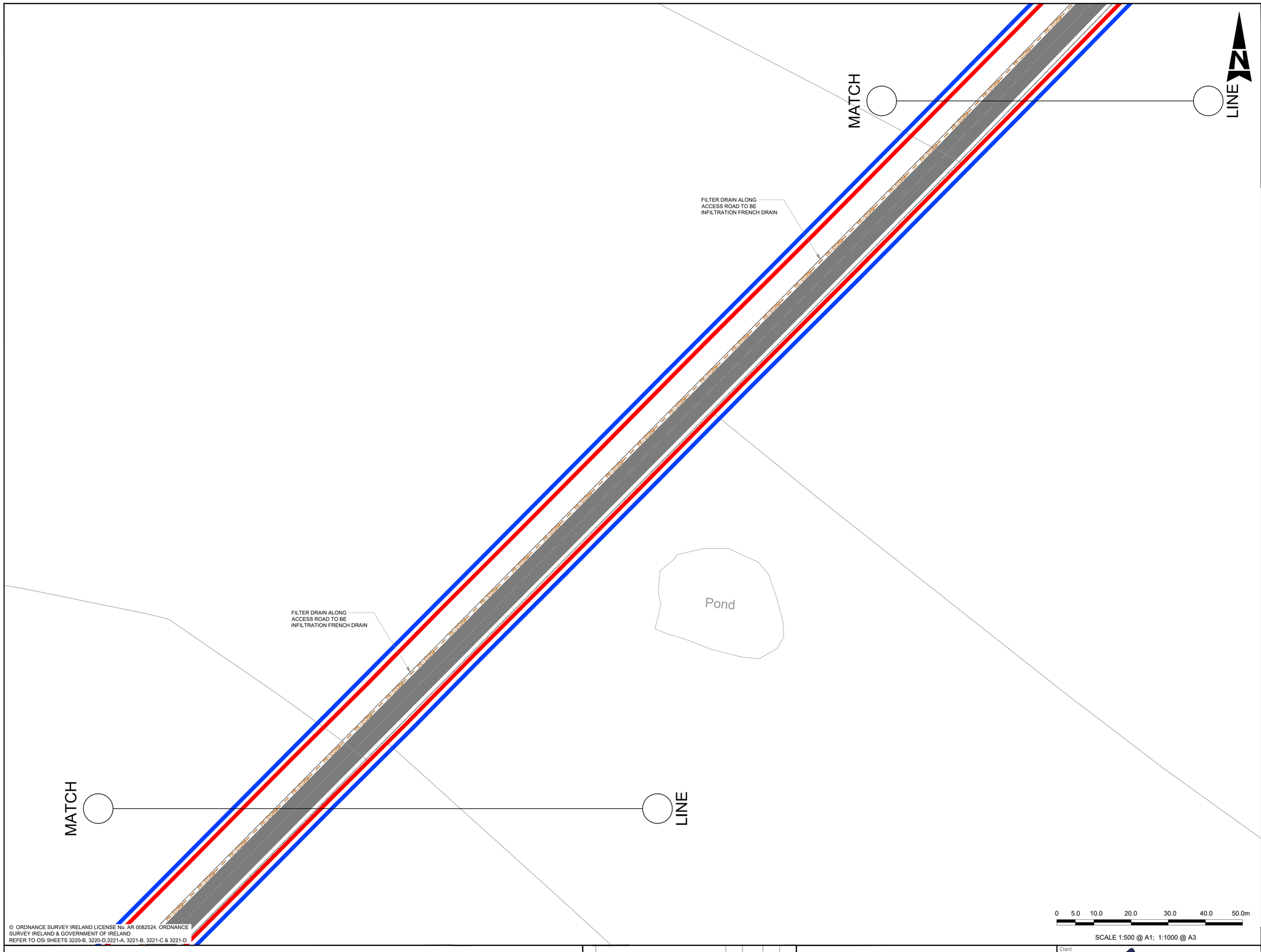
Title: STORM DRAINAGE LAYOUT SHEET 02

Original Scale	Design/Drawn	Checked	Authorised
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Status	Drawing Number	Rev
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File: PEK3-ATK-ZZ-01-DR-CE-900500-900502.dwg
Date: Jan 29, 2026 - 4:27pm Plotted by: SHER8400
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P:\IEDBA\Project-Data\0114485\6 Dwgs-Graphics\61 AutoCad\PEK3-ATK-ZZ-01-DRAWINGS\PEK3-ATK-ZZ-01-DR-CE-900500-900502.dwg


MATCH LINE
MATCH LINE
FILTER DRAIN ALONG ACCESS ROAD TO BE INFILTRATION TRENCH DRAIN
FILTER DRAIN ALONG ACCESS ROAD TO BE INFILTRATION TRENCH DRAIN
EXISTING STONE WALL TO BE DEMOLISHED FOR ACCESS TO SITE
PR-STORM
MH-45 CL:53.53 IL:52.410
MH-46 CL:53.406 IL:52.256
MH-47 CL:53.564 IL:52.414
MH-48 CL:53.564 IL:52.414
MH-49 CL:53.564 IL:52.414
MH-50 CL:53.600 IL:52.450
MH-51 CL:53.600 IL:52.450
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MH-59 CL:53.600 IL:52.450
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MH-61 CL:53.600 IL:52.450
MH-62 CL:53.600 IL:52.450



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LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- PR-STORM — PROPOSED FILTER DRAIN

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

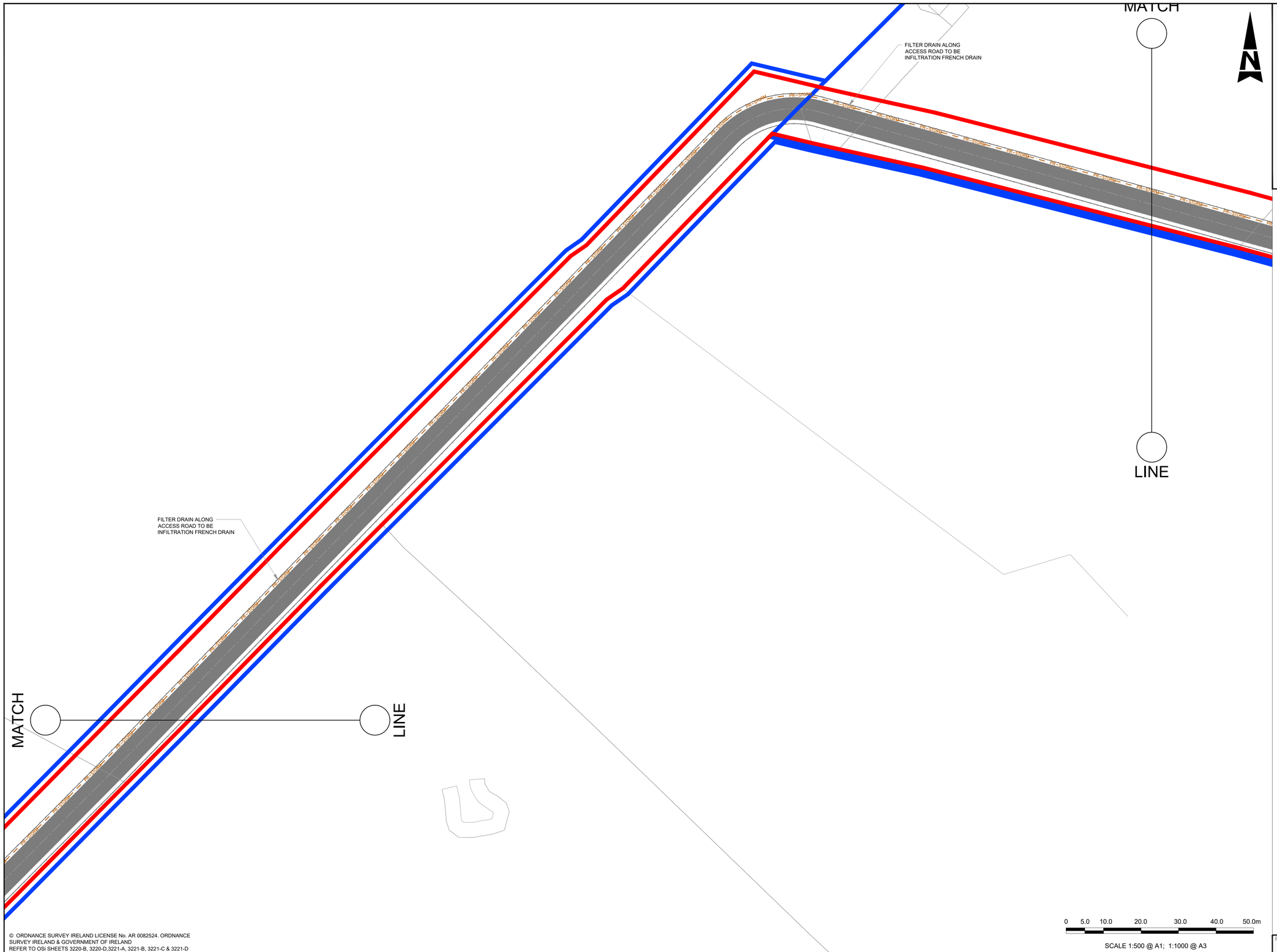
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File: PEK3-ATK-ZZ-01-DR-CE-900500-900502.dwg
Date: Jan 29, 2026 - 4:27pm Plotted by: SHERB400

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SCALE 1:500 @ A1; 1:1000 @ A3

GENERAL NOTES

1. ALL DIMENSIONS ARE IN METERS UNLESS NOTED OTHERWISE
2. ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS
3. ALL LEVELS ARE IN METERS AND ARE TO MALIN HEAD DATUM
4. ALL COORDINATES ARE IN METERS AND ARE TO IRISH TRANSVERSE MERCATOR
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6. THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSES OF THE PLANNING APPLICATION AND IS SUBJECT TO DETAILED DESIGN.

LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- PR-STORM PROPOSED FILTER DRAIN

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Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: STORM DRAINAGE LAYOUT SHEET 05

Original Scale	Design/Drawn	Checked	Authorised
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	Date 01.12.25	Date 01.12.25	Date 01.12.25

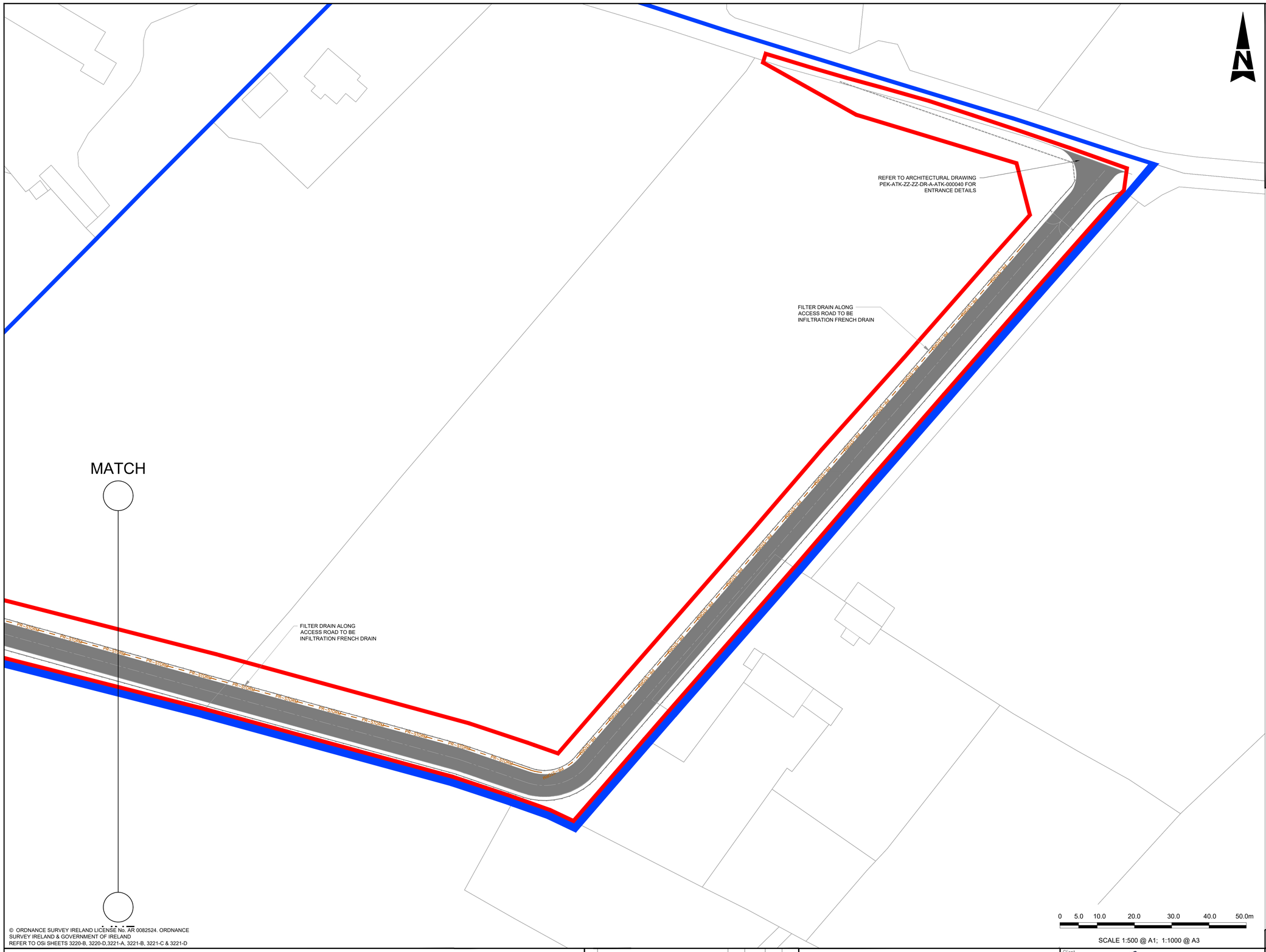
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DO NOT SCALE

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Date: Jan 29, 2026 - 4:27pm Plotted by: SHER8400

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LEGEND

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- LAND OWNERSHIP BOUNDARY
- PR-STORM- PROPOSED FILTER DRAIN

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Rev	Description	By	Date	Chk'd	Auth
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Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: STORM DRAINAGE LAYOUT SHEET 06

Original Scale	Design/Drawn	Checked	Authorised
1:500 at A1	PS Date 01.12.25	ND Date 01.12.25	AJB Date 01.12.25

Status	Drawing Number	Rev
A2	PEK3-ATK-ZZ-01-DR-CE-900506	0

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Date: Jan 29, 2026 - 4:27pm Plotted by: SHER8400

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DO NOT SCALE

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A1

0 10 100

DO NOT SCALE

File: PEK3-ATK-ZZ-01-DR-CE-900550-900551.dwg Plotted by: SHER8400

Date: Jan 29, 2026 - 4:28pm

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N

M17

M17

M18

M18

DR-CE-900551

GA1

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REFER TO OSI SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

0 25 50 100 150 200 250m

SCALE 1:2500 @ A1; 1:5000 @ A3

LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- WAYLEAVE

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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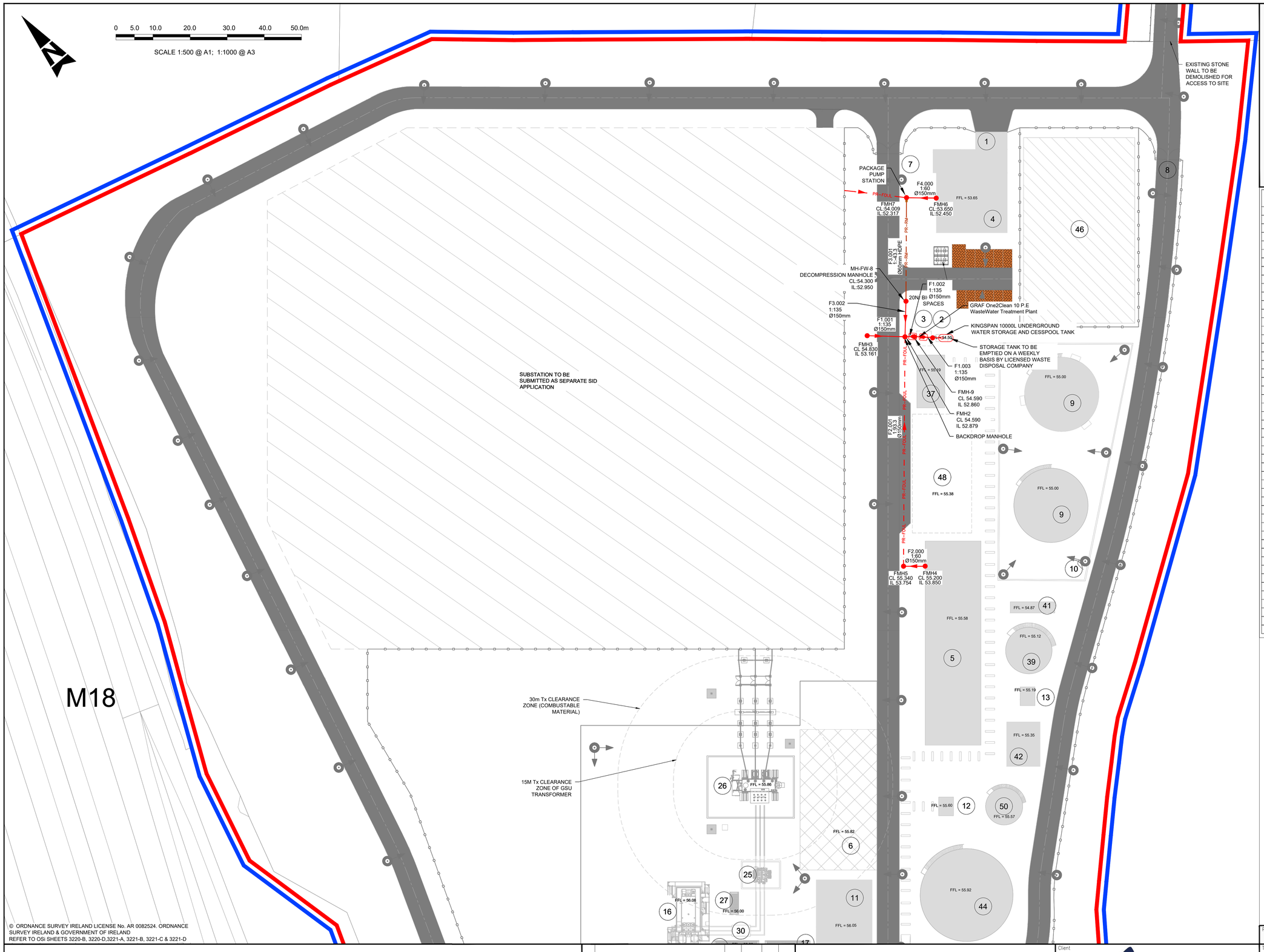
Purpose: PLANNING

Title: FOUL DRAINAGE LAYOUTS KEYPLAN

Original Scale	Design/Drawn	Checked	Authorised
1:2500 at A1	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status	Drawing Number	Rev
A2	PEK3-ATK-ZZ-01-DR-CE-900550	0

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KEY TABLE

1	ADMINISTRATION BUILDING SUBSTATION
2	AGI PEDESTRIAN ACCESS GATE
3	UNDERGROUND WASTEWATER TREATMENT PLANT
4	ADMINISTRATION BUILDING
5	WORKSHOP BUILDING
6	MAINTENANCE LAY DOWN AREA
7	MAIN ENTRANCE GATES
8	EMERGENCY ACCESS GATES
9	FUEL TANK - CAPACITY 2x3502cu.m 20MØ 11.1m HIGH
10	FUEL TANK BUND - 2.5m HIGH
11	ELECTRICAL CONTROL BUILDING
12	DEMIN TANK PUMP SKID
13	SERVICE WATER PUMP SKID
14	EMERGENCY DIESEL GENERATOR
15	CO2 FIRE FIGHTING SKID
16	GENERATOR
17	COMPRESSOR CLEANING SKID AND TANKS
18	TURBINE
19	FUEL GAS SUPPLY SYSTEM SKID
20	--ITEM NUMBER NOT USED INTENTIONALLY--
21	TURBINE EXHAUST STACK
22	CONTINUOUS EMMISSIONS MONITORING UNIT
23	--ITEM NUMBER NOT USED INTENTIONALLY--
24	--ITEM NUMBER NOT USED INTENTIONALLY--
25	UNIT AUIXILIARY TRANSFORMER (UAT)
26	GSU TRANSFORMER
27	AIR COOLING SKID
28	WATER SKID
29	PROPANE TANK
30	GENERATOR CIRCUIT BREAKER
31	OIL LUBE SKID
32	DUAL FUEL MODULE
33	COMPRESSED AIR SKID
34	--ITEM NUMBER NOT USED INTENTIONALLY--
35	FIN FAN COOLER
36	RATHMORRISSY AGI (DRAWING 2183-DG-1001)
37	FUEL FORWARDING & UNLOADING AREA
38	--ITEM NUMBER NOT USED INTENTIONALLY--
39	FIRE & SERVICE WATER TANK
40	ELECTRICAL AND INSTRUMENTATION KIOSK (DRAWING 2183-DG-1005)
41	FIRE WATER PUMP SKID
42	WATER TREATMENT PLANT
43	GAS ANALYSER KIOSK (DRAWING 2183-DG-1006)
44	DEMIN WATER TANK 7555M3 25MØ 15.4M HIGH
45	MAIN PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1002)
46	SOAKAWAY RETENTION POND
47	ANCILLARY PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1004)
48	UNDERGROUND 1087cu.m CONTAMINATED FIREWATER TANK
49	BOILER HOUSE KIOSK (DRAWING 2183-DG-1003)
50	DEMIN WASTE TANK - 10mØ 5m HIGH

LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- SLEEPER / OH PIPE RACK
- PROPOSED STRUCTURES
- ATTENUATION POND / SOAKAWAY
- SETDOWN AREAS
- LIGHTNING MAST
- TELECOMMUNICATION MAST
- PR-FOUL — PROPOSED FOUL DRAINAGE
- PR-RM — PROPOSED RISING MAIN
- PROPOSED FOUL MANHOLE

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: FOUL DRAINAGE LAYOUTS SHEET 01

Original Scale	Design/Drawn	Checked	Authorised
1:500 at A1	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status	Drawing Number	Rev
A2	PEK3-ATK-ZZ-01-DR-CE-900551	0

File: PEK3-ATK-ZZ-01-DR-CE-900550-900551.dwg Date: Jan 29, 2026 - 4:28pm Plotted by: SHERBAKO

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A1

DO NOT SCALE

File: PEK3-ATK-ZZ-01-DR-CE-900600-900602 & 900607.dwg
Date: Feb 06, 2026 - 3:00pm Plotted by: SHER8400

GENERAL NOTES

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N

DR-CE-900606
DR-CE-900605
DR-CE-900604
DR-CE-900603
DR-CE-900602
DR-CE-900601

MATCH LINE

M17
M18

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0 25 50 100 150 200 250m

SCALE 1:2500 @ A1; 1:5000 @ A3

LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- WAYLEAVE

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

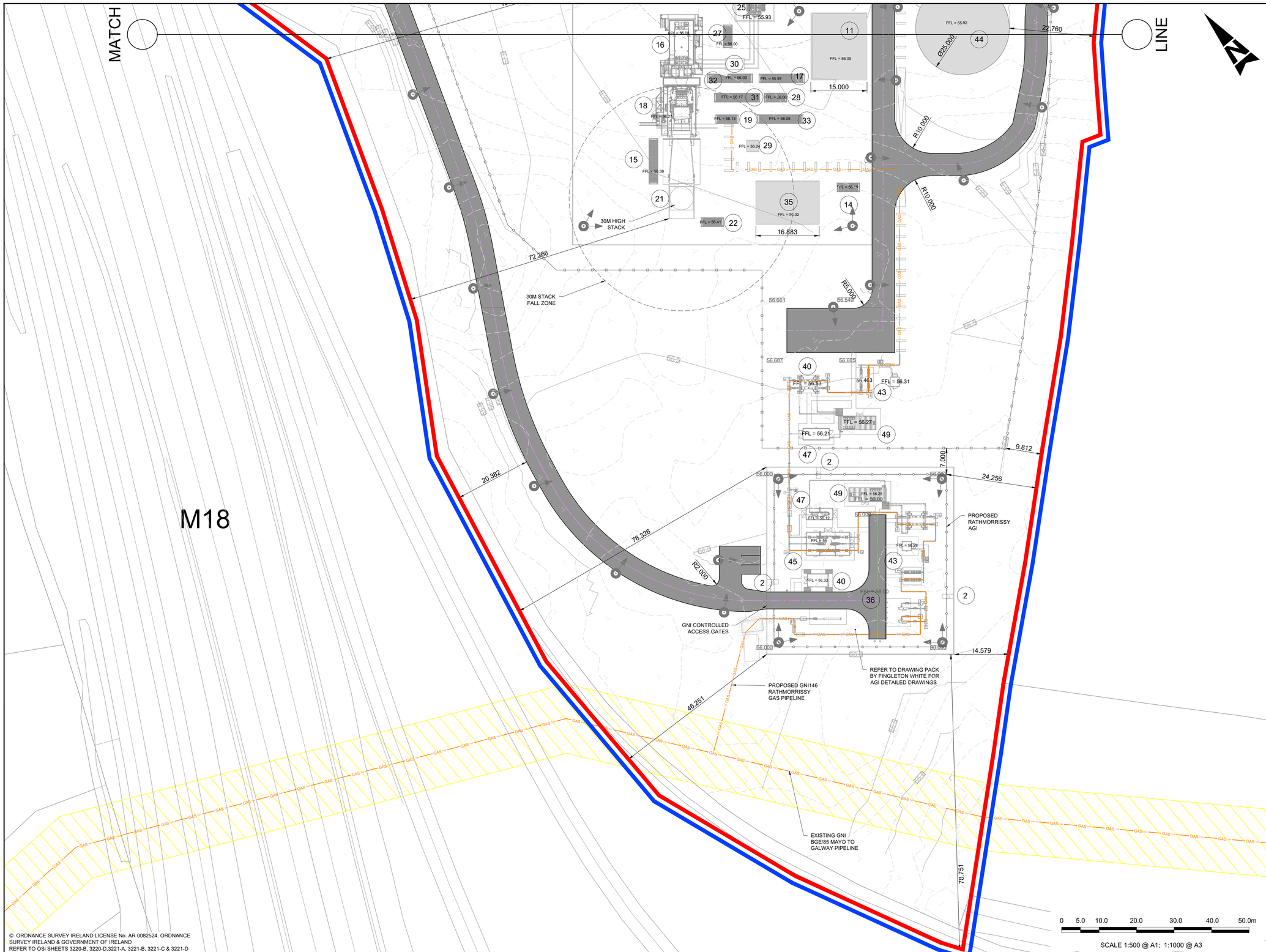
Purpose: PLANNING

Title: GRADING LAYOUT KEY PLAN

Original Scale	Design/Drawn	Checked	Authorised
1:2500 at A1	PS Date 01.12.25	ND Date 01.12.25	AJB Date 01.12.25

Status	Drawing Number	Rev
A2	PEK3-ATK-ZZ-01-DR-CE-900600	0

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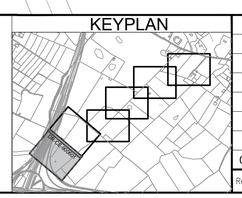
KEY TABLE

1	ADMINISTRATION BUILDING SUBSTATION
2	AGI PEDESTRIAN ACCESS GATE
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11	ELECTRICAL CONTROL BUILDING
12	DEMIN TANK PUMP SKID
13	SERVICE WATER PUMP SKID
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20	--ITEM NUMBER NOT USED INTENTIONALLY--
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47	ANCILLARY PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1004)
48	UNDERGROUND 1087cu.m CONTAMINATED FIREWATER TANK
49	BOILER HOUSE KIOSK (DRAWING 2183-DG-1003)
50	DEMIN WASTE TANK - 10mØ 5m HIGH

LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- TRANSMISSION HIGH PRESSURE GAS LINE
- FENCE
- WAYLEAVE
- SUBSTATION TO BE SUBMITTED AS SEPARATE SID APPLICATION
- PROPOSED SURFACE CONTOUR
- EXISTING SURFACE CONTOUR

KEYPLAN



Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: GRADING LAYOUT SHEET 01

Original Scale	Design/Drawn	Checked	Authorised
1:500 at A1	PS Date 01.12.25	ND Date 01.12.25	AJB Date 01.12.25

Status	Drawing Number	Rev
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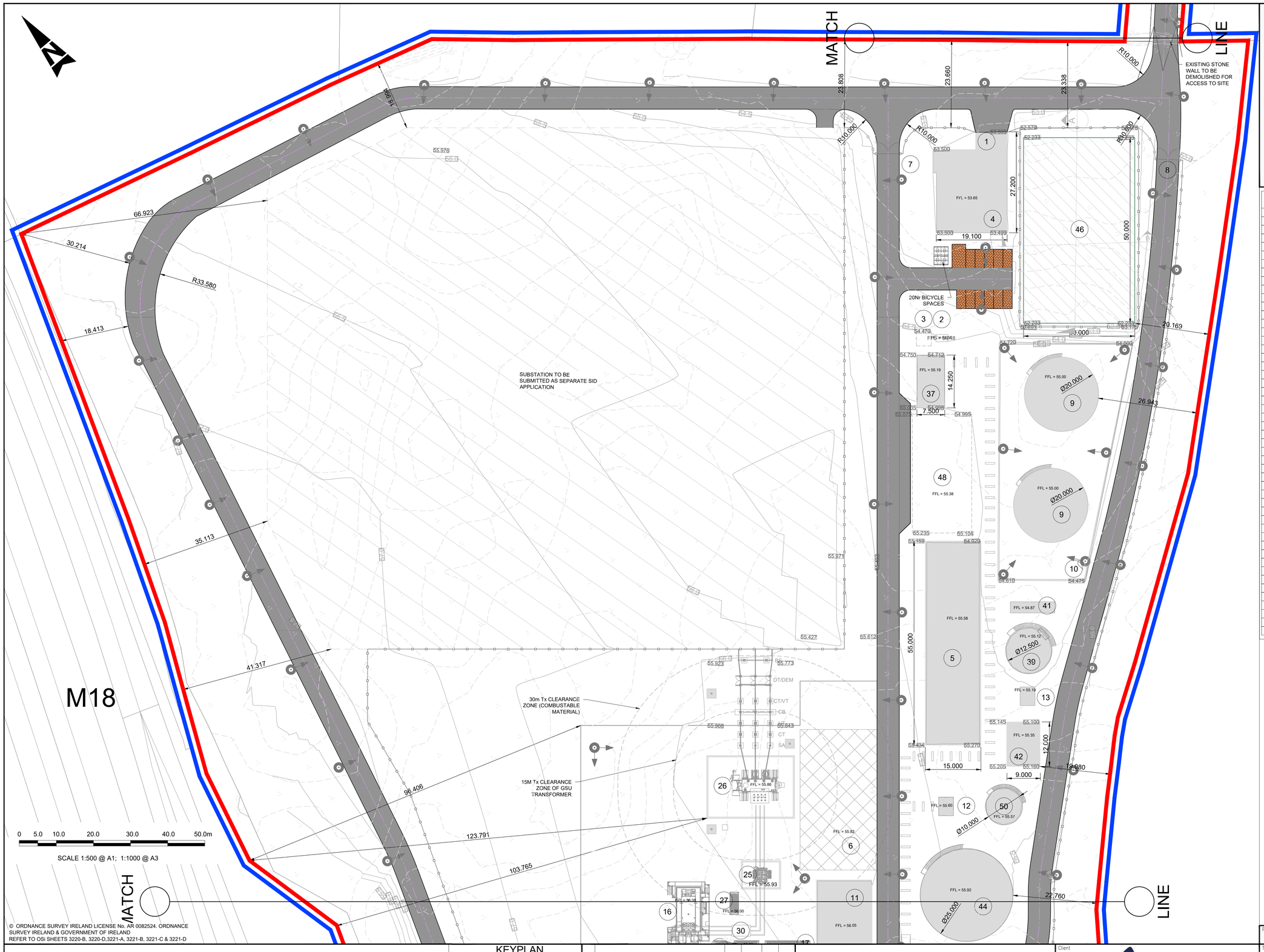
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A1

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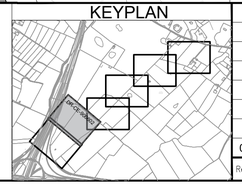
KEY TABLE

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LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- SUBSTATION TO BE SUBMITTED AS SEPARATE SID APPLICATION
- PROPOSED SURFACE CONTOUR
- EXISTING SURFACE CONTOUR

KEYPLAN



Rev	Description	By	Date	Chk'd	Auth
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(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

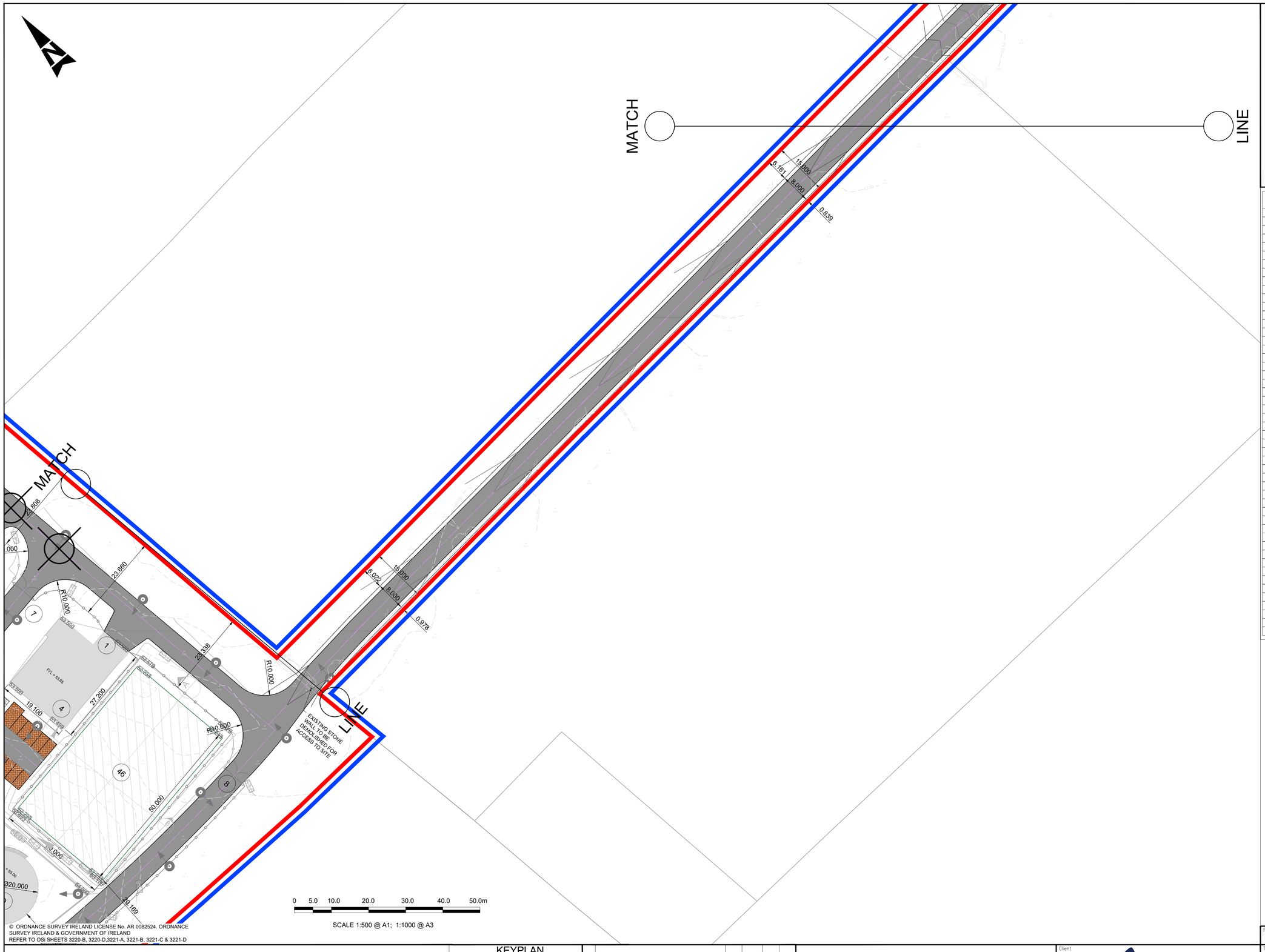
Title: GRADING LAYOUT SHEET 02

Original Scale	Design/Drawn	Checked	Authorised
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	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status	Drawing Number	Rev
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File: PEK3-ATK-ZZ-01-DR-CE-900600-900602 & 900607.dwg
Date: Jan 29, 2026 - 4:29pm Plotted by: SHERBAN

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REFER TO OSi SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

GENERAL NOTES

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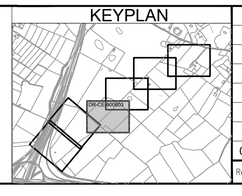
KEY TABLE

1	ADMINISTRATION BUILDING SUBSTATION
2	AGI PEDESTRIAN ACCESS GATE
3	UNDERGROUND WASTEWATER TREATMENT PLANT
4	ADMINISTRATION BUILDING
5	WORKSHOP BUILDING
6	MAINTENANCE LAY DOWN AREA
7	MAIN ENTRANCE GATES
8	EMERGENCY ACCESS GATES
9	FUEL TANK - CAPACITY 2x3502cu.m 20MØ 11.1m HIGH
10	FUEL TANK BUND - 2.5m HIGH
11	ELECTRICAL CONTROL BUILDING
12	DEMIN TANK PUMP SKID
13	SERVICE WATER PUMP SKID
14	EMERGENCY DIESEL GENERATOR
15	CO2 FIRE FIGHTING SKID
16	GENERATOR
17	COMPRESSOR CLEANING SKID AND TANKS
18	TURBINE
19	FUEL GAS SUPPLY SYSTEM SKID
20	--ITEM NUMBER NOT USED INTENTIONALLY--
21	TURBINE EXHAUST STACK
22	CONTINUOUS EMMISSIONS MONITORING UNIT
23	--ITEM NUMBER NOT USED INTENTIONALLY--
24	--ITEM NUMBER NOT USED INTENTIONALLY--
25	UNIT AUIXILIARY TRANSFORMER (UAT)
26	GSU TRANSFORMER
27	AIR COOLING SKID
28	WATER SKID
29	PROPANE TANK
30	GENERATOR CIRCUIT BREAKER
31	OIL LUBE SKID
32	DUAL FUEL MODULE
33	COMPRESSED AIR SKID
34	--ITEM NUMBER NOT USED INTENTIONALLY--
35	FIN FAN COOLER
36	RATHMORRISSY AGI (DRAWING 2183-DG-1001)
37	FUEL FORWARDING & UNLOADING AREA
38	--ITEM NUMBER NOT USED INTENTIONALLY--
39	FIRE & SERVICE WATER TANK
40	ELECTRICAL AND INSTRUMENTATION KIOSK (DRAWING 2183-DG-1005)
41	FIRE WATER PUMP SKID
42	WATER TREATMENT PLANT
43	GAS ANALYSER KIOSK (DRAWING 2183-DG-1006)
44	DEMIN WATER TANK 7555M3 25MØ 15.4M HIGH
45	MAIN PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1002)
46	SOAKAWAY RETENTION POND
47	ANCILLARY PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1004)
48	UNDERGROUND 1087cu.m CONTAMINATED FIREWATER TANK
49	BOILER HOUSE KIOSK (DRAWING 2183-DG-1003)
50	DEMIN WASTE TANK - 10mØ 5m HIGH

LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- SUBSTATION TO BE SUBMITTED AS SEPARATE SID APPLICATION
- PROPOSED SURFACE CONTOUR
- EXISTING SURFACE CONTOUR

KEYPLAN



Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: GRADING LAYOUT SHEET 03

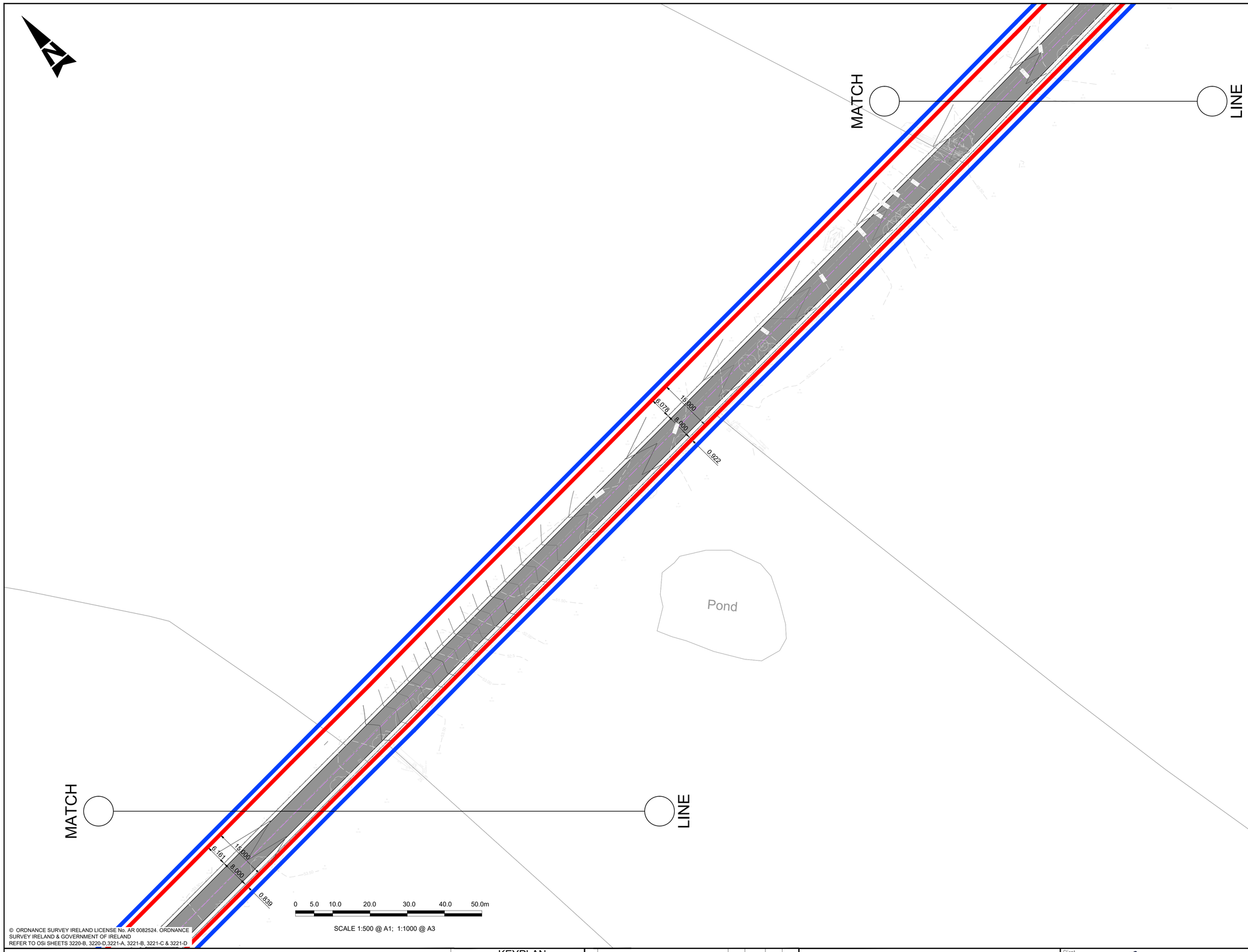
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	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status	Drawing Number	Rev
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DO NOT SCALE

File: PEK3-ATK-ZZ-01-DR-CE-900600-900602 & 900607.dwg
Date: Jan 29, 2026 - 4:29pm Plotted by: SHE89400

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REFER TO OSi SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

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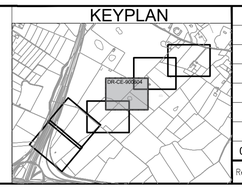
KEY TABLE

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2	AGI PEDESTRIAN ACCESS GATE
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18	TURBINE
19	FUEL GAS SUPPLY SYSTEM SKID
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22	CONTINUOUS EMMISSIONS MONITORING UNIT
23	--ITEM NUMBER NOT USED INTENTIONALLY--
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LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- SUBSTATION TO BE SUBMITTED AS SEPARATE SID APPLICATION
- PROPOSED SURFACE CONTOUR
- EXISTING SURFACE CONTOUR

KEYPLAN



Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: GRADING LAYOUT SHEET 04

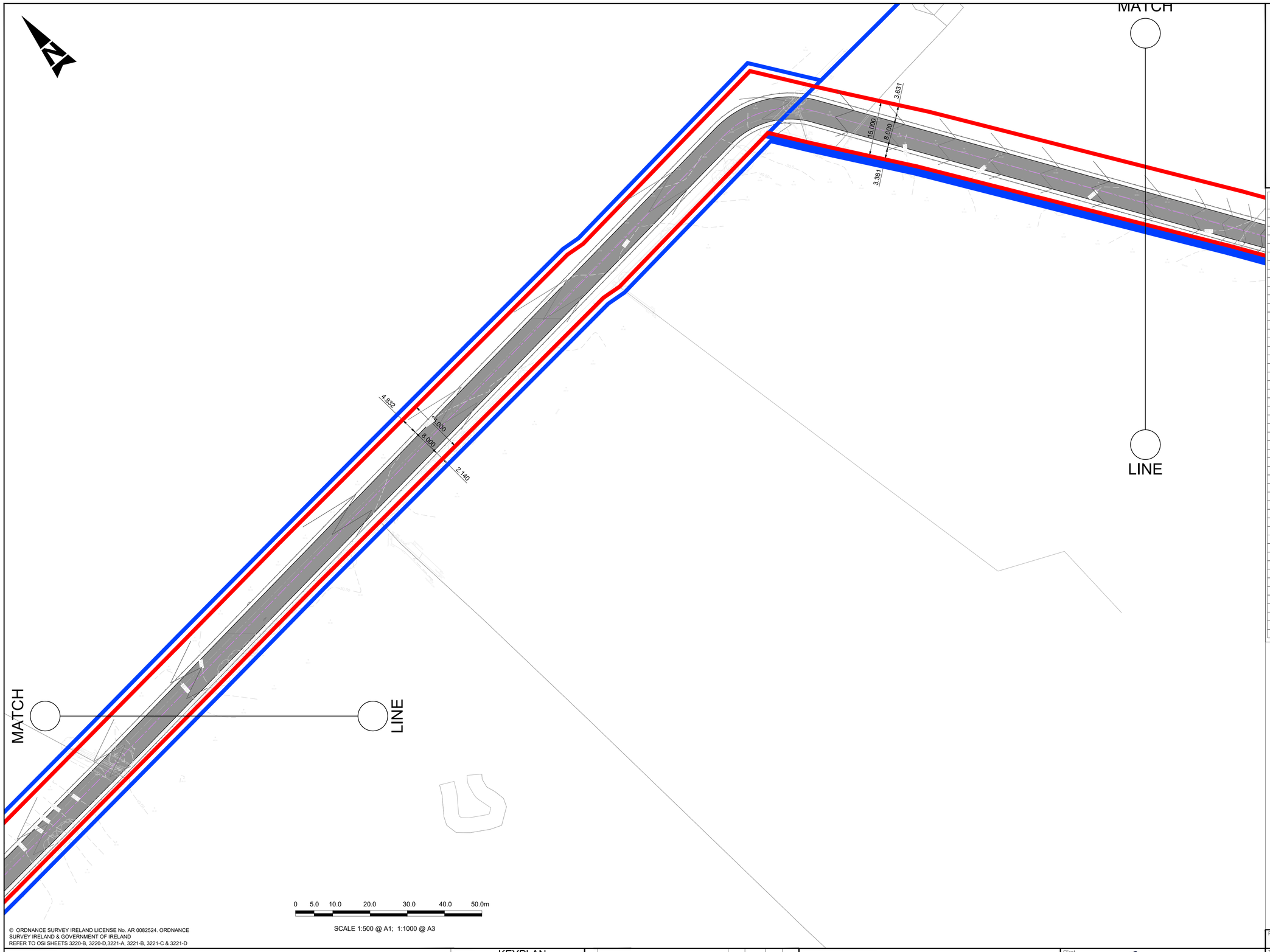
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	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status	Drawing Number	Rev
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DO NOT SCALE
100
0 10

File: PEK3-ATK-ZZ-01-DR-CE-900600-900602 & 900607.dwg
Date: Jan 29, 2026 - 4:29pm Plotted by: SHERB400

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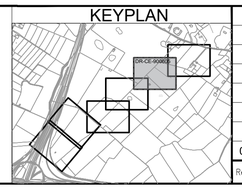
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50	DEMIN WASTE TANK - 10mØ 5m HIGH

LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- SUBSTATION TO BE SUBMITTED AS SEPARATE SID APPLICATION
- PROPOSED SURFACE CONTOUR
- EXISTING SURFACE CONTOUR

KEYPLAN



Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: GRADING LAYOUT SHEET 05

Original Scale	Design/Drawn	Checked	Authorised
1:500 at A1	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status	Drawing Number	Rev
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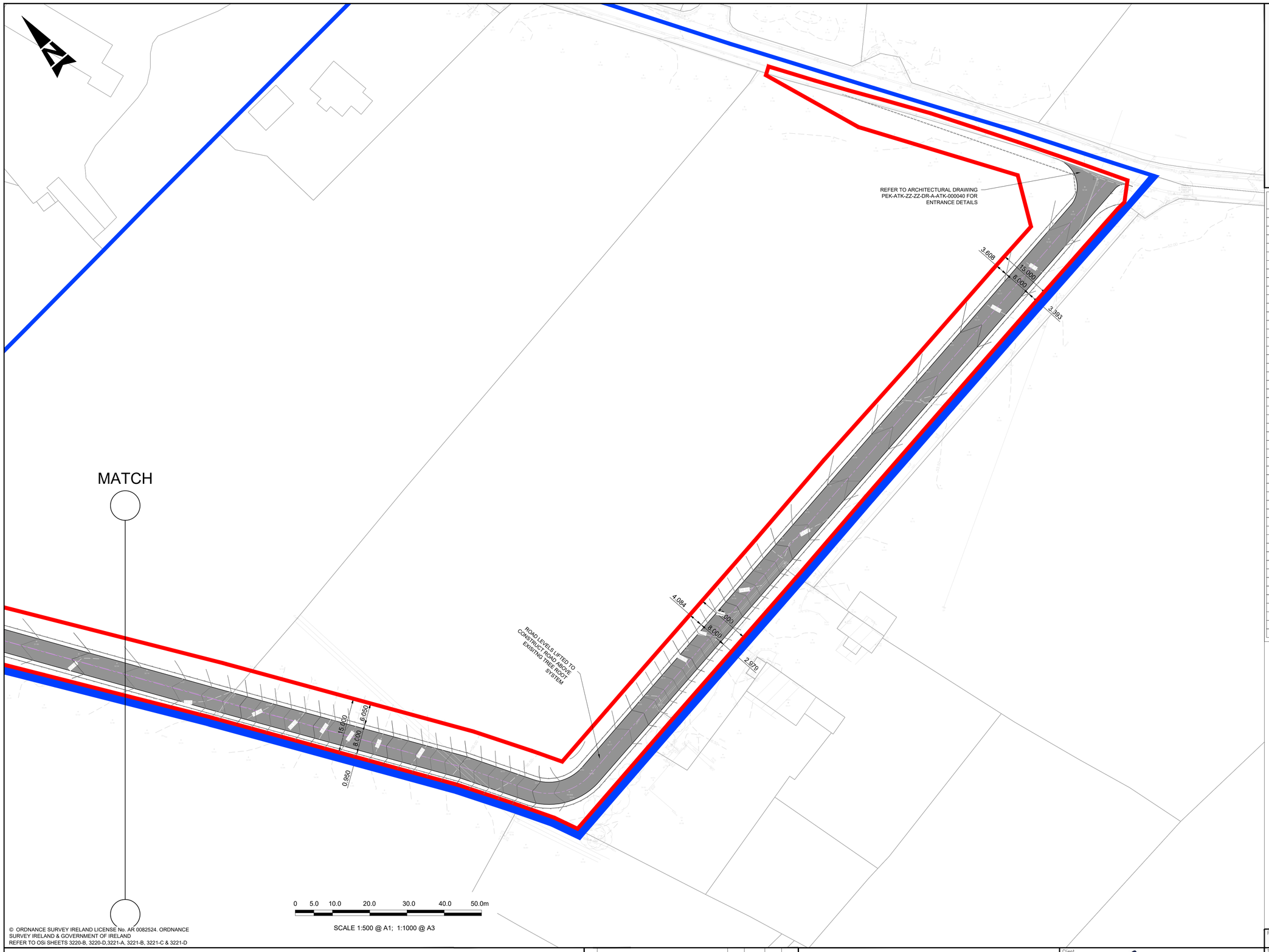
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Date: Jan 29, 2026 - 4:29pm Plotted by: SHE88400

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100
0 10
A1

DO NOT SCALE

MATCH



0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

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16	GENERATOR
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LEGEND

- PROPOSED SURFACE CONTOUR
- EXISTING SURFACE CONTOUR
- PROJECT BOUNDARY FOR PLANNING
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- SUBSTATION TO BE SUBMITTED AS SEPARATE SID APPLICATION

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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ATKINS HOUSE,150 AIRSIDE BUSINESS PARK,
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Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: GRADING LAYOUT SHEET 06

Original Scale	Design/Drawn	Checked	Authorised
1:500 at A1	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status	Drawing Number	Rev
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File: PEK3-ATK-ZZ-01-DR-CE-900600-900602 & 900607.dwg
Date: Jan 29, 2026 - 4:29pm Plotted by: SHEREAN

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DO NOT SCALE

Millimetres 100 0 10

M18

M18

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50	DEMIN WASTE TANK - 10mØ 5m HIGH

LEGEND

- PROPOSED SURFACE CONTOUR
- EXISTING SURFACE CONTOUR
- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- WAYLEAVE

30m STACK FALL ZONE

30m Tx CLEARANCE ZONE (COMBUSTABLE MATERIAL)

15M Tx CLEARANCE ZONE OF GSU TRANSFORMER

30m HIGH STACK

SUBSTATION TO BE SUBMITTED AS SEPARATE SID APPLICATION

PROPOSED GN146 RATHMORRISSY GAS PIPELINE

GNI CONTROLLED ACCESS GATES

EXISTING SHEDS TO BE DEMOLISHED

EXISTING GNI BGE/BS MAYO TO GALWAY PIPELINE

LOCAL ACCESS TO BE MAINTAINED

PROPOSED RATHMORRISSY AGI

20Nr BICYCLE SPACES

MATCH LINE

EXISTING STONE WALL TO BE DEMOLISHED FOR ACCESS TO SITE

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A0 1:1000 @ A1

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: GRADING LAYOUT SHEET 07

Original Scale	Design/Drawn	Checked	Authorised
1:500 at A0	PS Date 01.12.25	ND Date 01.12.25	AJB Date 01.12.25

Status	Drawing Number	Rev
A2	PEK3-ATK-ZZ-01-DR-CE-900607	0

P:\EIDBK\Project\~Data\0011445\5 Design~Graphics\5.01 AutoCad\PEK3-ATK-ZZ-01-DR-CE-900600-900602 & 900607.dwg

RTEXT: file open error

Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
03. Topsoil Strip Volume	**1.000**	**1.000**	91924.00sq.m	10698.63 Cu. M.	0.00 Cu. M.	10698.63 Cu. M.<Cut>
18. Comparison of Formation Surfaces and Site Stripped of Topsoil	**1.000**	**1.000**	57575.84sq.m	22345.73 Cu. M.	20533.60 Cu. M.	1812.13 Cu. M.<Cut>
Totals			149499.84sq.m	33044.36 Cu. M.	20533.60 Cu. M.	12510.76 Cu. M.<Cut>



0 25 50 100 150 200 250m

SCALE 1:2500 @ A1; 1:5000 @ A3

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REFER TO OSI SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

GENERAL NOTES

1. ALL DIMENSIONS ARE IN METERS UNLESS NOTED OTHERWISE
2. ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS
3. ALL LEVELS ARE IN METERS AND ARE TO MALIN HEAD DATUM
4. ALL COORDINATES ARE IN METERS AND ARE TO IRISH TRANSVERSE MERCATOR
5. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION
6. THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSES OF THE PLANNING APPLICATION AND IS SUBJECT TO DETAILED DESIGN.

CUT AND FILL NOTES

1. WORKS TO BE CARRIED OUT IN ACCORDANCE WITH WORKS REQUIREMENT SCHEDULE 4 PART A MINIMUM FUNCTIONAL SPECIFICATION
2. ALL LEVELS RELATE TO MALIN HEAD DATUM
3. LEVELS RELATE TO FINISHED GRADE AND/OR FINISHED FLOOR LEVELS
4. THE CUT AND FILL DRAWINGS REPRESENTS A COMPARATIVE DIFFERENCE BETWEEN THE PROPOSED FINAL GRADE AND PROPOSED FORMATION LEVEL. IT DOES NOT TAKE ACCOUNT OF ROAD BUILDUP MATERIALS OR DEDUCTIONS FOR THE BUILDING FOUNDATIONS AND FLOOR BUILDUPS.
5. THIS CUT AND FILL DRAWING SHOWS THE LIMITS OF THE MASS EXCAVATION TO OCCUR.
6. ALL EXISTING UTILITIES WITHIN THE EXTENTS OF THE CUT AND FILL BOUNDARY ARE TO BE RETAINED UNLESS IDENTIFIED ELSEWHERE TO BE DEMOLISHED. THE CONTRACTOR IS TO PROTECT THE EXISTING UTILITIES AT ALL TIMES.
7. ADDITIONAL WORKS WILL OCCUR OUTSIDE THE LIMITS OF THE CUT AND FILL BOUNDARY FOR THE INSTALLATION OF NEW UTILITIES. THE CONTRACTOR SHOULD REFER TO THE RELEVANT UTILITY DRAWINGS FOR CLARIFICATION OF THIS INFORMATION.
8. ALL ABOVE GROUND STRUCTURES WITHIN THE CUT AND FILL BOUNDARY ARE TO BE DEMOLISHED. REFER TO DEMOLITION DRAWINGS DR-CE-900200 & DR-CE-900201

SURFACE LEVEL DATA

NUMBER	MINIMUM LEVEL	MAXIMUM LEVEL	COLOUR
1	-4.50	-4.00	
2	-4.00	-3.50	
3	-3.50	-3.00	
4	-3.00	-2.50	
5	-2.50	-2.00	
6	-2.00	-1.50	
7	-1.50	-1.00	
8	-1.00	-0.50	
9	-0.50	0.00	
10	0.00	0.50	
11	0.50	1.00	
12	1.00	1.50	
13	1.50	2.00	

NOTE:
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LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- GNI Tx PIPELINE
- GNI Tx WAYLEAVE

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: CUT AND FILL LAYOUT KEYPLAN

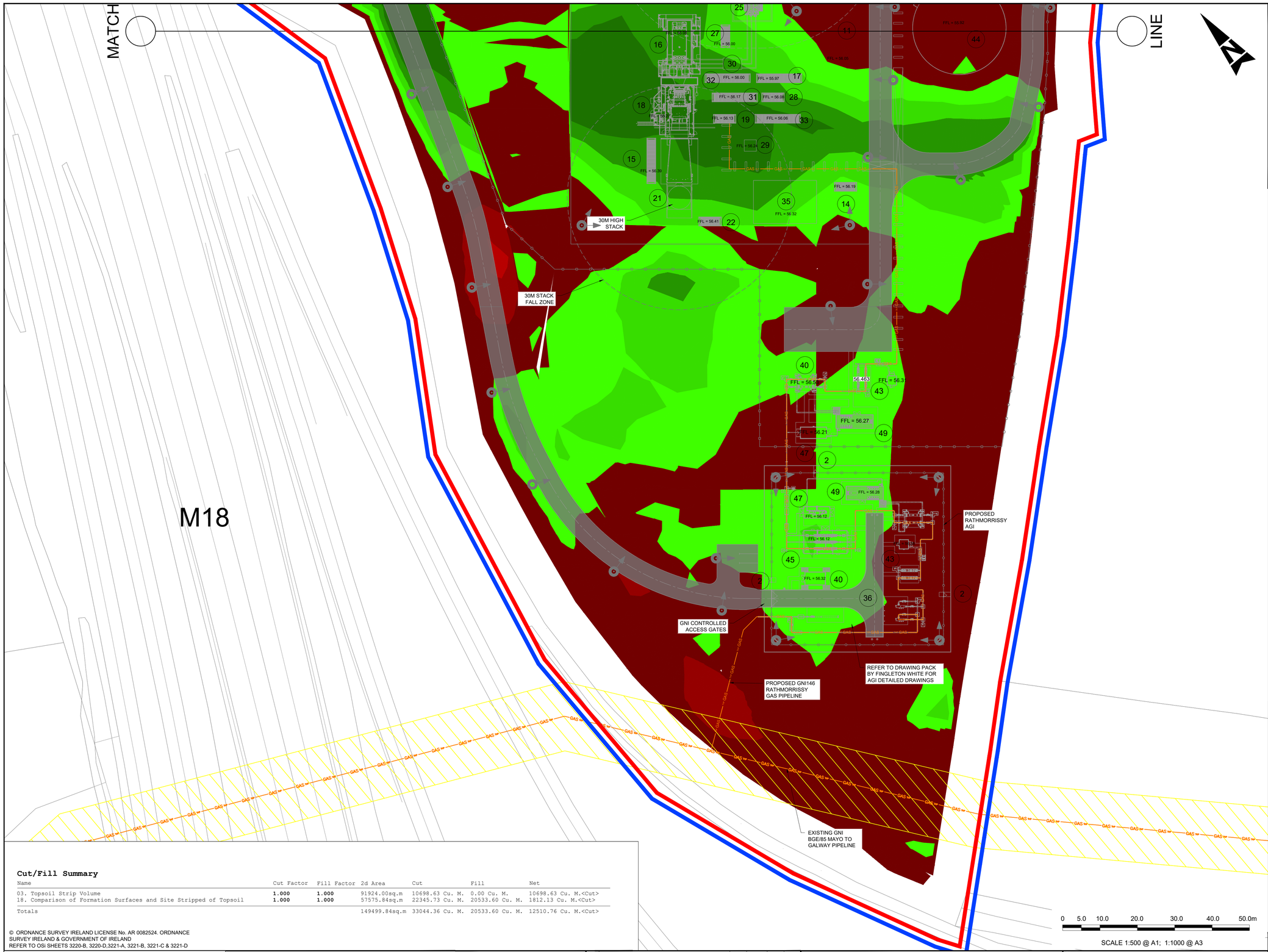
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Status	Drawing Number	Rev
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DO NOT SCALE
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File: PEK3-ATK-ZZ-01-DR-CE-900610-900616 & 900617.dwg
Date: Jan 29, 2026 - 4:23pm Plotted by: SHEPB400

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CUT AND FILL NOTES

1. WORKS TO BE CARRIED OUT IN ACCORDANCE WITH WORKS REQUIREMENT SCHEDULE 4 PART A MINIMUM FUNCTIONAL SPECIFICATION
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8. ALL ABOVE GROUND STRUCTURES WITHIN THE CUT AND FILL BOUNDARY ARE TO BE DEMOLISHED. REFER TO DEMOLITION DRAWINGS DR-CE-900200 & DR-CE-900201

NOTE
THE VOLUMES ILLUSTRATED BELOW ARE A COMPARISON OF PRE AND POST CONSTRUCTION LEVELS AND DO NOT INCLUDE VOLUMES FOR THE LIKES OF DOUBLE HANDLING, FOUNDATIONS, ROAD BUILDUPS, TRENCHING AND OTHER SUB-SURFACE STRUCTURES AND EXCAVATIONS.

THESE VOLUMES SHOULD NOT BE USED FOR COSTING PURPOSES AND ONLY AN INDICATION OF THE MASS NET VOLUMES TO BE MOVED.

SURFACE LEVEL DATA

NUMBER	MINIMUM LEVEL	MAXIMUM LEVEL	COLOUR
1	-4.50	-4.00	
2	-4.00	-3.50	
3	-3.50	-3.00	
4	-3.00	-2.50	
5	-2.50	-2.00	
6	-2.00	-1.50	
7	-1.50	-1.00	
8	-1.00	-0.50	
9	-0.50	0.00	
10	0.00	0.50	
11	0.50	1.00	
12	1.00	1.50	
13	1.50	2.00	

Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
03. Topsoil Strip Volume	1.000	1.000	91924.00sq.m	10698.63 Cu. M.	0.00 Cu. M.	10698.63 Cu. M.<Cut>
18. Comparison of Formation Surfaces and Site Stripped of Topsoil	1.000	1.000	57575.84sq.m	22345.73 Cu. M.	20533.60 Cu. M.	1812.13 Cu. M.<Cut>
Totals			149499.84sq.m	33044.36 Cu. M.	20533.60 Cu. M.	12510.76 Cu. M.<Cut>

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REFER TO OSI SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

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LEGEND
- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- GNI Tx PIPELINE
- GNI Tx WAYLEAVE

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: CUT AND FILL LAYOUT SHEET 01

Original Scale	Design/Drawn	Checked	Authorised
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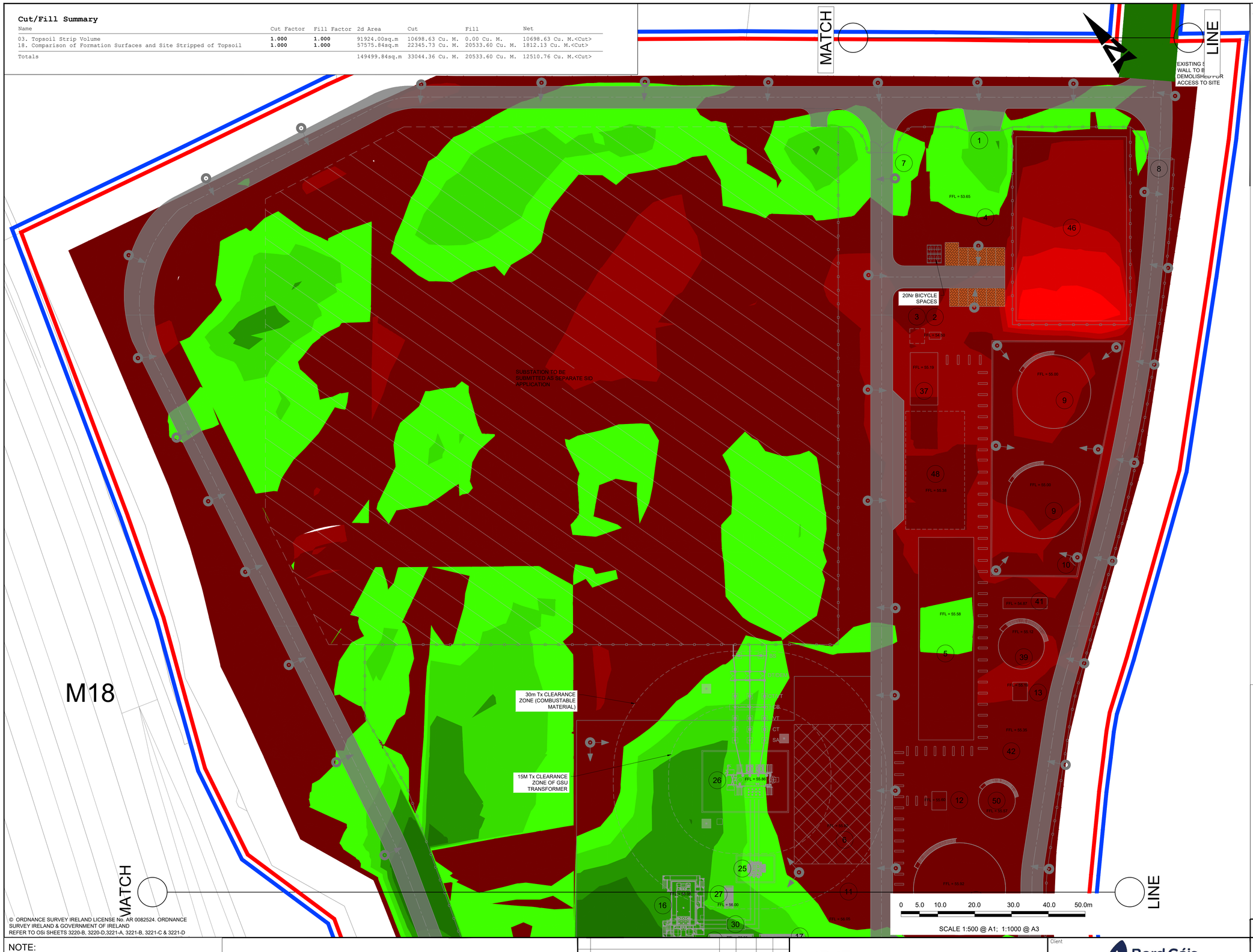
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Date: Jan 29, 2026 - 4:24pm Plotted by: SHEPB400

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Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
03. Topsoil Strip Volume	1.000	1.000	91924.00sq.m	10698.63 Cu. M.	0.00 Cu. M.	10698.63 Cu. M.<Cut>
18. Comparison of Formation Surfaces and Site Stripped of Topsoil	1.000	1.000	57575.84sq.m	22345.73 Cu. M.	20533.60 Cu. M.	1812.13 Cu. M.<Cut>
Totals			149499.84sq.m	33044.36 Cu. M.	20533.60 Cu. M.	12510.76 Cu. M.<Cut>



CUT AND FILL NOTES

1. WORKS TO BE CARRIED OUT IN ACCORDANCE WITH WORKS REQUIREMENT SCHEDULE 4 PART A MINIMUM FUNCTIONAL SPECIFICATION
2. ALL LEVELS RELATE TO MALIN HEAD DATUM
3. LEVELS RELATE TO FINISHED GRADE AND/OR FINISHED FLOOR LEVELS
4. THE CUT AND FILL DRAWINGS REPRESENTS A COMPARATIVE DIFFERENCE BETWEEN THE PROPOSED FINAL GRADE AND PROPOSED FORMATION LEVEL. IT DOES NOT TAKE ACCOUNT OF ROAD BUILDUP MATERIALS OR DEDUCTIONS FOR THE BUILDING FOUNDATIONS AND FLOOR BUILDUPS.
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NOTE

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SURFACE LEVEL DATA

NUMBER	MINIMUM LEVEL	MAXIMUM LEVEL	COLOUR
1	-4.50	-4.00	
2	-4.00	-3.50	
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5	-2.50	-2.00	
6	-2.00	-1.50	
7	-1.50	-1.00	
8	-1.00	-0.50	
9	-0.50	0.00	
10	0.00	0.50	
11	0.50	1.00	
12	1.00	1.50	
13	1.50	2.00	

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REFER TO OSi SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

NOTE:
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LEGEND

PROJECT BOUNDARY FOR PLANNING

LAND OWNERSHIP BOUNDARY

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: CUT AND FILL LAYOUT SHEET 02

Original Scale	Design/Drawn	Checked	Authorised
1:500 at A1	PS Date 01.12.25	ND Date 01.12.25	AJB Date 01.12.25

Status	Drawing Number	Rev
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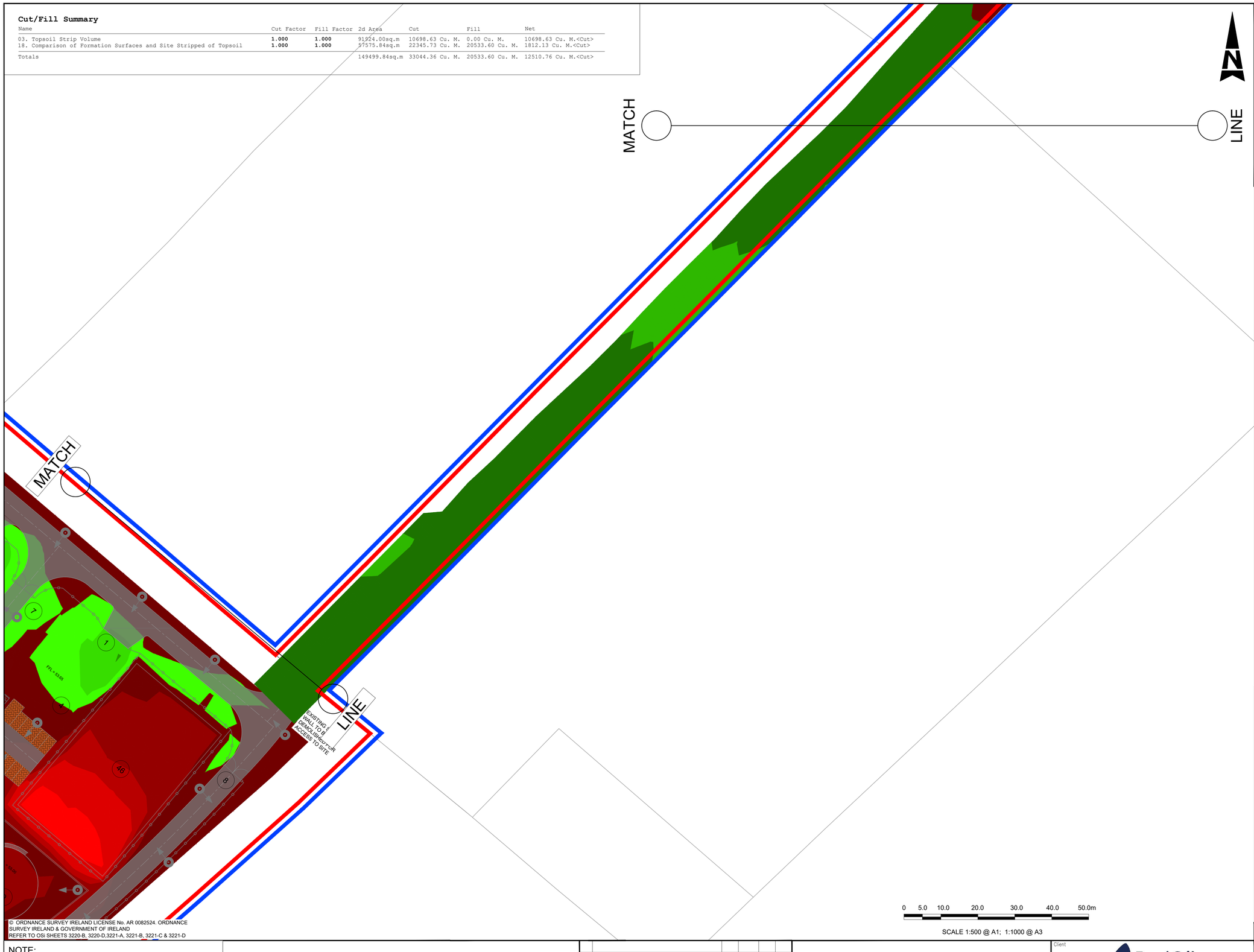
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Date: Jan 29, 2026 - 4:24pm Plotted by: SHEEBAN00

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Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
03. Topsoil Strip Volume	1.000	1.000	91924.00sq.m	10698.63 Cu. M.	0.00 Cu. M.	10698.63 Cu. M.<Cut>
18. Comparison of Formation Surfaces and Site Stripped of Topsoil	1.000	1.000	57575.84sq.m	22345.73 Cu. M.	20533.60 Cu. M.	1812.13 Cu. M.<Cut>
Totals			149499.84sq.m	33044.36 Cu. M.	20533.60 Cu. M.	12510.76 Cu. M.<Cut>



CUT AND FILL NOTES

1. WORKS TO BE CARRIED OUT IN ACCORDANCE WITH WORKS REQUIREMENT SCHEDULE 4 PART A MINIMUM FUNCTIONAL SPECIFICATION
2. ALL LEVELS RELATE TO MALIN HEAD DATUM
3. LEVELS RELATE TO FINISHED GRADE AND/OR FINISHED FLOOR LEVELS
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NOTE

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SURFACE LEVEL DATA

NUMBER	MINIMUM LEVEL	MAXIMUM LEVEL	COLOUR
1	-4.50	-4.00	
2	-4.00	-3.50	
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5	-2.50	-2.00	
6	-2.00	-1.50	
7	-1.50	-1.00	
8	-1.00	-0.50	
9	-0.50	0.00	
10	0.00	0.50	
11	0.50	1.00	
12	1.00	1.50	
13	1.50	2.00	

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REFER TO OSi SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

NOTE:
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LEGEND

PROJECT BOUNDARY FOR PLANNING

LAND OWNERSHIP BOUNDARY

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: CUT AND FILL LAYOUT SHEET 03

Original Scale	Design/Drawn	Checked	Authorised
1:500 at A1	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status: A2 | Drawing Number: PEK3-ATK-ZZ-01-DR-CE-900613 | Rev: 0

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DO NOT SCALE

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Date: Jan 29, 2026 - 4:25pm Plotted by: SHERBAOO

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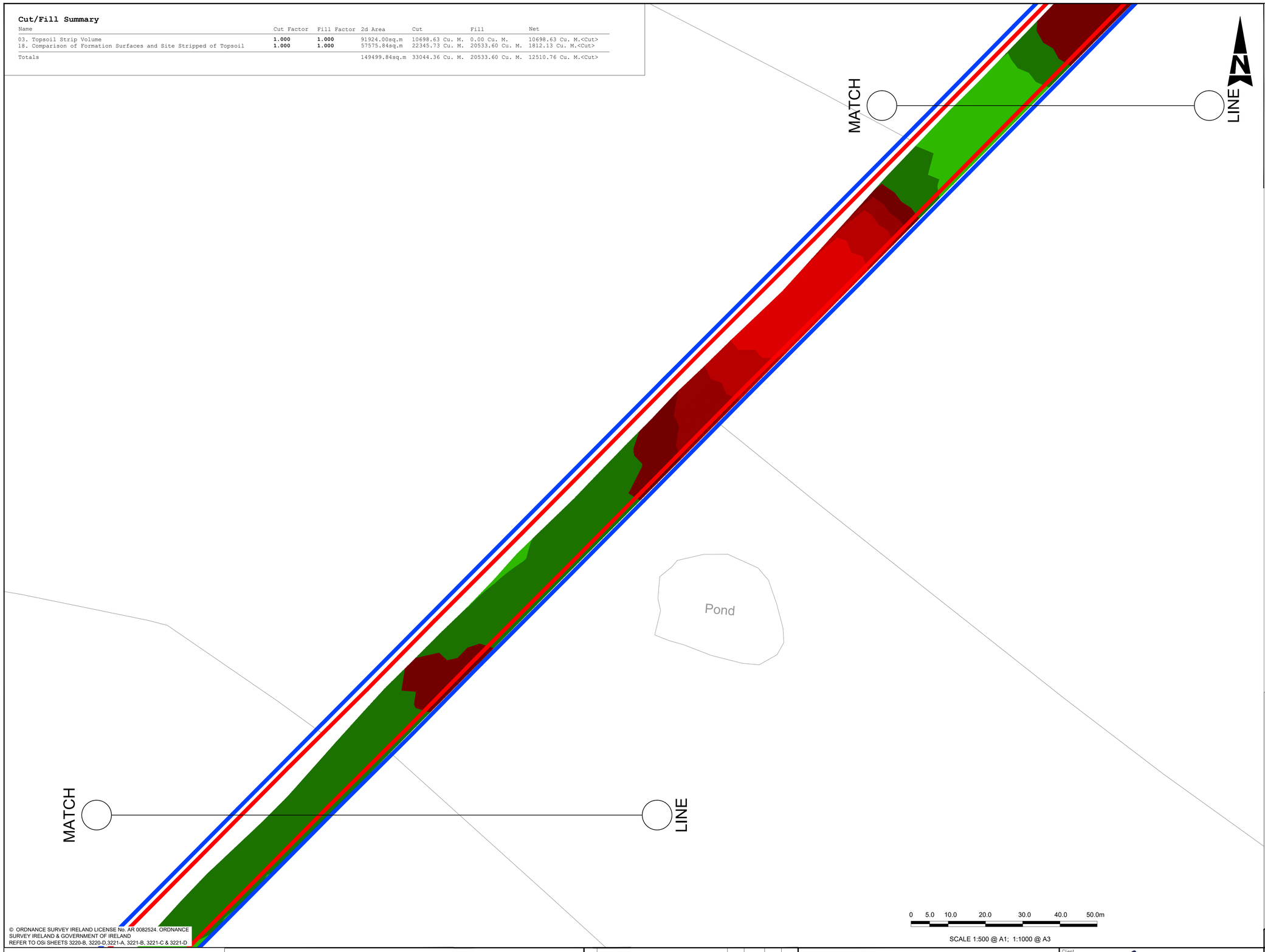
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0 10
A1

DO NOT SCALE

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Date: Jan 29, 2026 - 4:25pm Plotted by: SHEP8400

Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
03. Topsoil Strip Volume	1.000	1.000	91924.00sq.m	10698.63 Cu. M.	0.00 Cu. M.	10698.63 Cu. M.<Cut>
18. Comparison of Formation Surfaces and Site Stripped of Topsoil	1.000	1.000	57575.84sq.m	22345.73 Cu. M.	20533.60 Cu. M.	1812.13 Cu. M.<Cut>
Totals			149499.84sq.m	33044.36 Cu. M.	20533.60 Cu. M.	12510.76 Cu. M.<Cut>



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REFER TO OSi SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

CUT AND FILL NOTES

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8. ALL ABOVE GROUND STRUCTURES WITHIN THE CUT AND FILL BOUNDARY ARE TO BE DEMOLISHED. REFER TO DEMOLITION DRAWINGS DR-CE-900200 & DR-CE-900201

NOTE
THE VOLUMES ILLUSTRATED BELOW ARE A COMPARISON OF PRE AND POST CONSTRUCTION LEVELS AND DO NOT INCLUDE VOLUMES FOR THE LIKES OF DOUBLE HANDLING, FOUNDATIONS, ROAD BUILDUPS, TRENCHING AND OTHER SUB-SURFACE STRUCTURES AND EXCAVATIONS.

THESE VOLUMES SHOULD NOT BE USED FOR COSTING PURPOSES AND ONLY AN INDICATION OF THE MASS NET VOLUMES TO BE MOVED.

SURFACE LEVEL DATA

NUMBER	MINIMUM LEVEL	MAXIMUM LEVEL	COLOUR
1	-4.50	-4.00	
2	-4.00	-3.50	
3	-3.50	-3.00	
4	-3.00	-2.50	
5	-2.50	-2.00	
6	-2.00	-1.50	
7	-1.50	-1.00	
8	-1.00	-0.50	
9	-0.50	0.00	
10	0.00	0.50	
11	0.50	1.00	
12	1.00	1.50	
13	1.50	2.00	

NOTE:
THIS DRAWING IS ISSUED FOR INFORMATION PURPOSES TO ASSIST THE D&B CONTRACTOR IN DEVELOPING THEIR FINAL DESIGN. THE D&B CONTRACTOR MUST VALIDATE AND/OR TAKE OWNERSHIP OF THE INFORMATION PRESENTED HERE AND/OR MODIFY THIS INFORMATION AS REQUIRED TO SUIT THEIR DESIGN WITHIN THE PLANNING CONSTRAINTS.

LEGEND
- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: CUT AND FILL LAYOUT SHEET 04

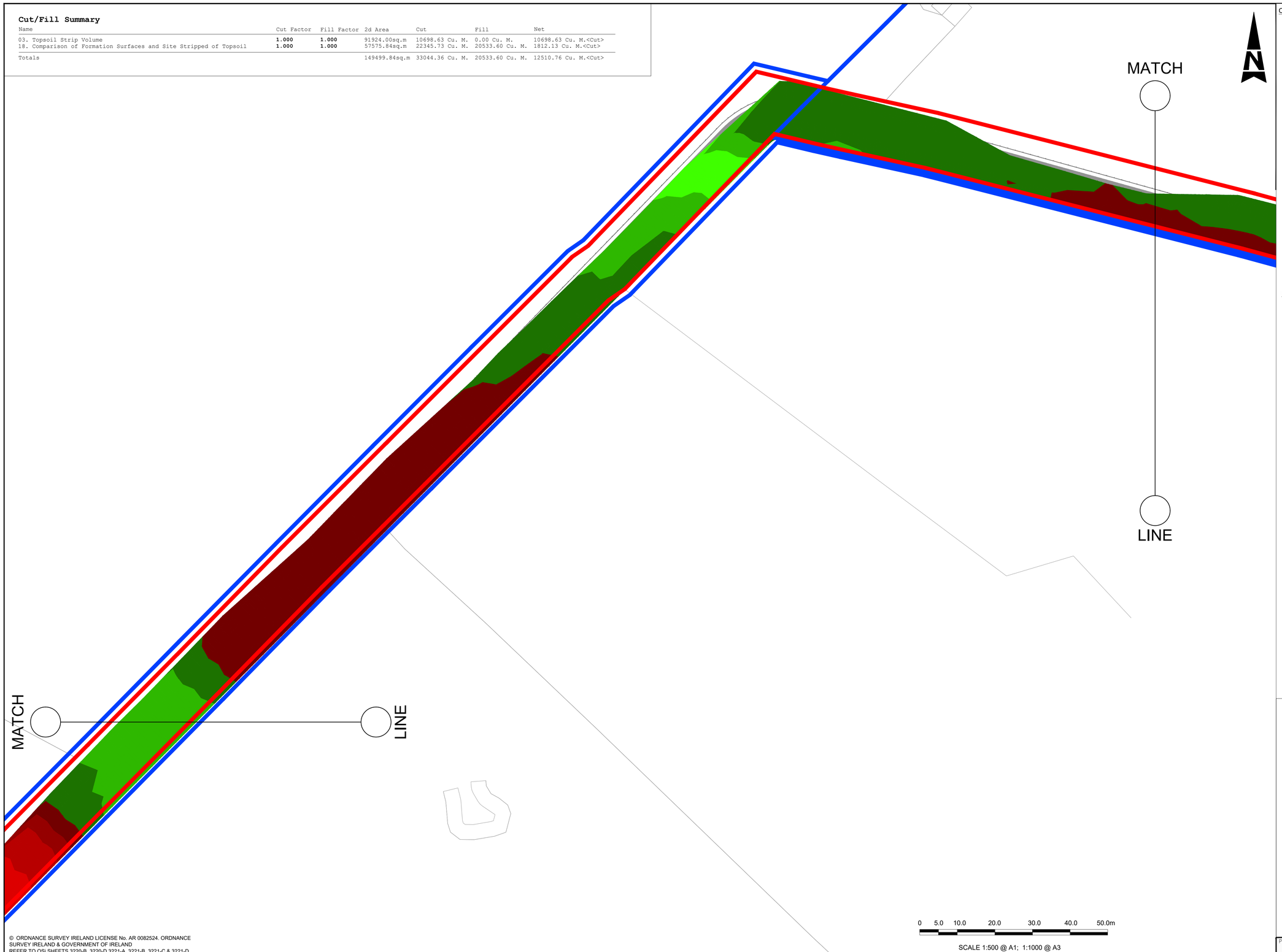
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Status	Drawing Number	Rev
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Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
03. Topsoil Strip Volume	1.000	1.000	91924.00sq.m	10698.63 Cu. M.	0.00 Cu. M.	10698.63 Cu. M.<Cut>
18. Comparison of Formation Surfaces and Site Stripped of Topsoil	1.000	1.000	57575.84sq.m	22345.73 Cu. M.	20533.60 Cu. M.	1812.13 Cu. M.<Cut>
Totals			149499.84sq.m	33044.36 Cu. M.	20533.60 Cu. M.	12510.76 Cu. M.<Cut>



CUT AND FILL NOTES

1. WORKS TO BE CARRIED OUT IN ACCORDANCE WITH WORKS REQUIREMENT SCHEDULE 4 PART A MINIMUM FUNCTIONAL SPECIFICATION
2. ALL LEVELS RELATE TO MALIN HEAD DATUM
3. LEVELS RELATE TO FINISHED GRADE AND/OR FINISHED FLOOR LEVELS
4. THE CUT AND FILL DRAWINGS REPRESENTS A COMPARATIVE DIFFERENCE BETWEEN THE PROPOSED FINAL GRADE AND PROPOSED FORMATION LEVEL. IT DOES NOT TAKE ACCOUNT OF ROAD BUILDUP MATERIALS OR DEDUCTIONS FOR THE BUILDING FOUNDATIONS AND FLOOR BUILDUPS.
5. THIS CUT AND FILL DRAWING SHOWS THE LIMITS OF THE MASS EXCAVATION TO OCCUR.
6. ALL EXISTING UTILITIES WITHIN THE EXTENTS OF THE CUT AND FILL BOUNDARY ARE TO BE RETAINED UNLESS IDENTIFIED ELSEWHERE TO BE DEMOLISHED. THE CONTRACTOR IS TO PROTECT THE EXISTING UTILITIES AT ALL TIMES.
7. ADDITIONAL WORKS WILL OCCUR OUTSIDE THE LIMITS OF THE CUT AND FILL BOUNDARY FOR THE INSTALLATION OF NEW UTILITIES. THE CONTRACTOR SHOULD REFER TO THE RELEVANT UTILITY DRAWINGS FOR CLARIFICATION OF THIS INFORMATION.
8. ALL ABOVE GROUND STRUCTURES WITHIN THE CUT AND FILL BOUNDARY ARE TO BE DEMOLISHED. REFER TO DEMOLITION DRAWINGS DR-CE-900200 & DR-CE-900201

NOTE

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SURFACE LEVEL DATA

NUMBER	MINIMUM LEVEL	MAXIMUM LEVEL	COLOUR
1	-4.50	-4.00	
2	-4.00	-3.50	
3	-3.50	-3.00	
4	-3.00	-2.50	
5	-2.50	-2.00	
6	-2.00	-1.50	
7	-1.50	-1.00	
8	-1.00	-0.50	
9	-0.50	0.00	
10	0.00	0.50	
11	0.50	1.00	
12	1.00	1.50	
13	1.50	2.00	

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

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REFER TO OSi SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

NOTE:
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LEGEND

PROJECT BOUNDARY FOR PLANNING

LAND OWNERSHIP BOUNDARY

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: CUT AND FILL LAYOUT SHEET 05

Original Scale	Design/Drawn	Checked	Authorised
1:500 at A1	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status	Drawing Number	Rev
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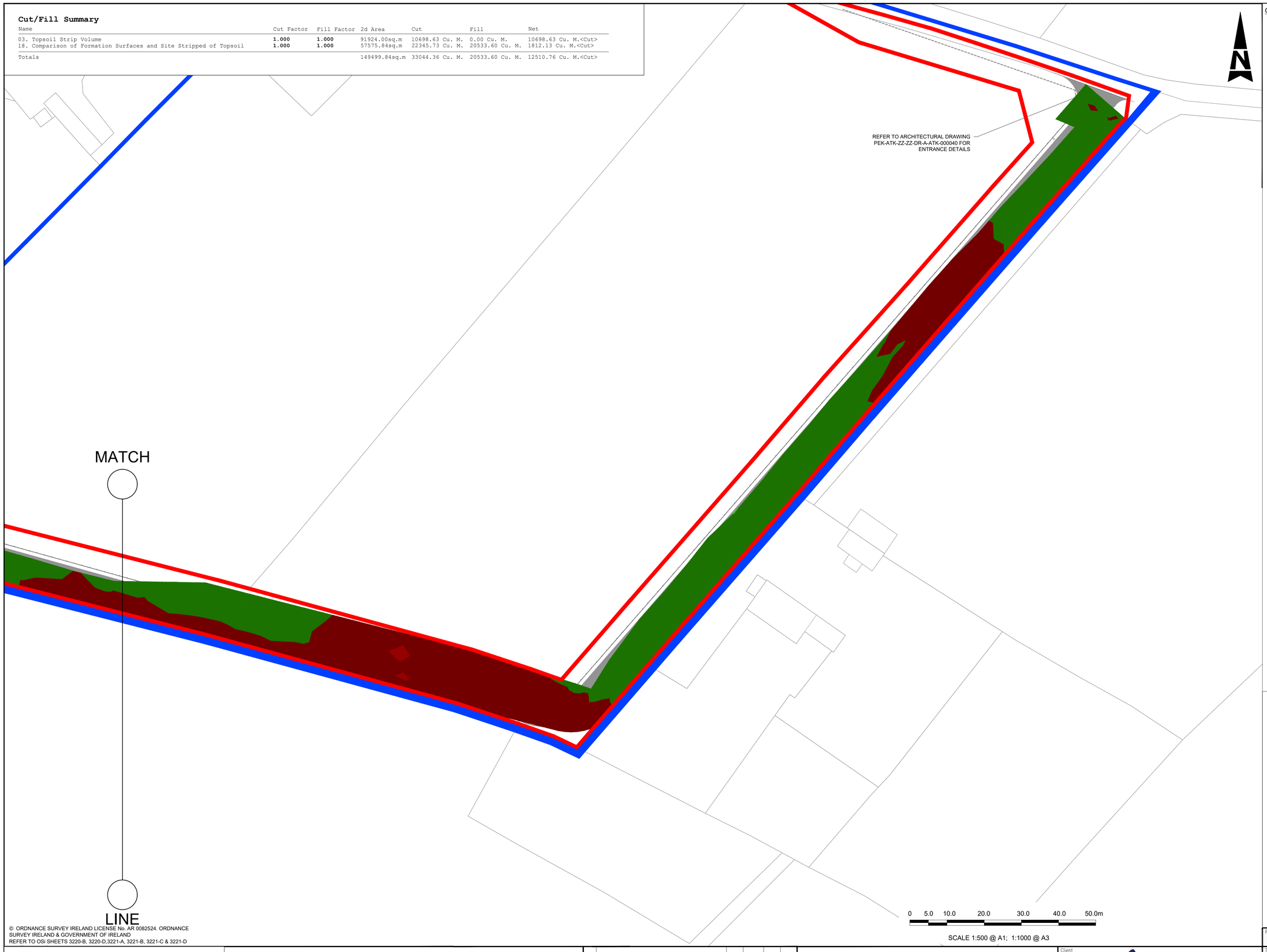
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Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
03. Topsoil Strip Volume	1.000	1.000	91924.00sq.m	10698.63 Cu. M.	0.00 Cu. M.	10698.63 Cu. M.<Cut>
18. Comparison of Formation Surfaces and Site Stripped of Topsoil	1.000	1.000	57575.84sq.m	22345.73 Cu. M.	20533.60 Cu. M.	1812.13 Cu. M.<Cut>
Totals			149499.84sq.m	33044.36 Cu. M.	20533.60 Cu. M.	12510.76 Cu. M.<Cut>



CUT AND FILL NOTES

1. WORKS TO BE CARRIED OUT IN ACCORDANCE WITH WORKS REQUIREMENT SCHEDULE 4 PART A MINIMUM FUNCTIONAL SPECIFICATION
2. ALL LEVELS RELATE TO MALIN HEAD DATUM
3. LEVELS RELATE TO FINISHED GRADE AND/OR FINISHED FLOOR LEVELS
4. THE CUT AND FILL DRAWINGS REPRESENTS A COMPARATIVE DIFFERENCE BETWEEN THE PROPOSED FINAL GRADE AND PROPOSED FORMATION LEVEL. IT DOES NOT TAKE ACCOUNT OF ROAD BUILDUP MATERIALS OR DEDUCTIONS FOR THE BUILDING FOUNDATIONS AND FLOOR BUILDUPS.
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NOTE

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SURFACE LEVEL DATA

NUMBER	MINIMUM LEVEL	MAXIMUM LEVEL	COLOUR
1	-4.50	-4.00	
2	-4.00	-3.50	
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5	-2.50	-2.00	
6	-2.00	-1.50	
7	-1.50	-1.00	
8	-1.00	-0.50	
9	-0.50	0.00	
10	0.00	0.50	
11	0.50	1.00	
12	1.00	1.50	
13	1.50	2.00	

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REFER TO OSi SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

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LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: CUT AND FILL LAYOUT
SHEET 06

Original Scale	Design/Drawn	Checked	Authorised
1:500 at A1	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status	Drawing Number	Rev
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DO NOT SCALE

Millimetres 100 0 10

M18

M18

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
6. THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSES OF THE PLANNING APPLICATION AND IS SUBJECT TO DETAILED DESIGN

CUT AND FILL NOTES

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Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
03. Topsoil Strip Volume	1.000	1.000	91924.02sq.m	10698.63 Cu. M.	0.00 Cu. M.	10698.63 Cu. M.<Cut>
18. Comparison of Formation Surfaces and Site Stripped of Topsoil	1.000	1.000	57575.84sq.m	22345.73 Cu. M.	20533.60 Cu. M.	1812.13 Cu. M.<Cut>
Totals			149499.84sq.m	33044.36 Cu. M.	20533.60 Cu. M.	12510.76 Cu. M.<Cut>

SURFACE LEVEL DATA

NUMBER	MINIMUM LEVEL	MAXIMUM LEVEL	COLOUR
1	-4.50	-4.00	
2	-4.00	-3.50	
3	-3.50	-3.00	
4	-3.00	-2.50	
5	-2.50	-2.00	
6	-2.00	-1.50	
7	-1.50	-1.00	
8	-1.00	-0.50	
9	-0.50	0.00	
10	0.00	0.50	
11	0.50	1.00	
12	1.00	1.50	
13	1.50	2.00	

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A0 1:1000 @ A1

NOTE:
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LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- GNI Tx PIPELINE
- GNI Tx WAYLEAVE

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: CUT AND FILL LAYOUT SHEET 06

Original Scale	Design/Drawn	Checked	Authorised
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Status	Drawing Number	Rev
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A1

DO NOT SCALE

File: PEK3-ATK-ZZ-01-DR-CE-900700-900702.dwg
Date: Jan 29, 2026 - 4:31pm Plotted by: SHERB400

GENERAL NOTES

1. ALL DIMENSIONS ARE IN METERS UNLESS NOTED OTHERWISE
2. ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS
3. ALL LEVELS ARE IN METERS AND ARE TO MALIN HEAD DATUM
4. ALL COORDINATES ARE IN METERS AND ARE TO IRISH TRANSVERSE MERCATOR
5. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION
6. THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSES OF THE PLANNING APPLICATION AND IS SUBJECT TO DETAILED DESIGN.

N

M18

M18

SUBSTATION TO BE SUBMITTED AS SEPARATE SID APPLICATIO

GAS

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REFER TO OSI SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

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SCALE 1:1000 @ A1; 1:2000 @ A3

LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- WAYLEAVE
- GAS — HIGH PRESSURE GAS LINE
- GAS — LOW PRESSURE GAS LINE

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: ROAD CROSS SECTIONS KEYPLAN

Original Scale	Design/Drawn	Checked	Authorised
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	Date 01.12.25	Date 01.12.25	Date 01.12.25

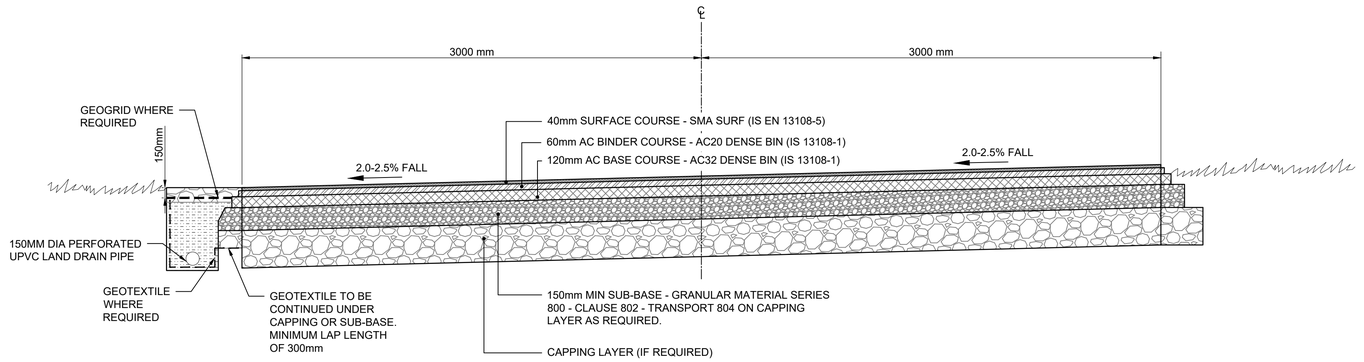
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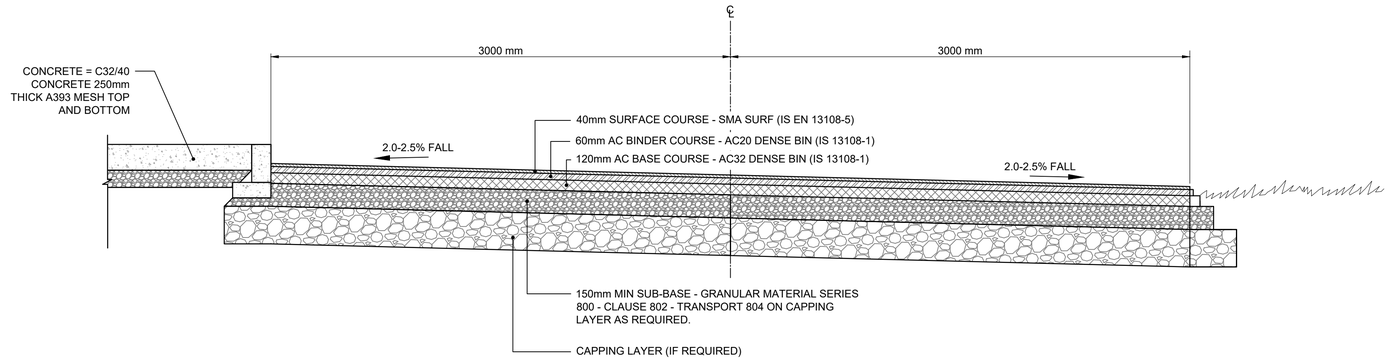
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DO NOT SCALE

GENERAL NOTES

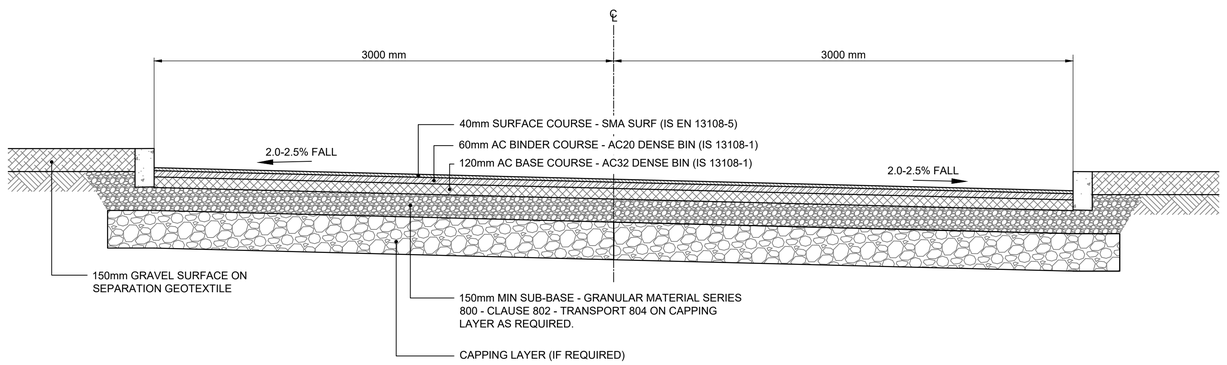
1. ALL DIMENSIONS ARE IN METERS UNLESS NOTED OTHERWISE
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1 TYPICAL SECTION STREET
Scale at A1 1:20
Scale at A3 1:40



2 TYPICAL SECTION STREET
Scale at A1 1:20
Scale at A3 1:40



3 TYPICAL SECTION STREET
Scale at A1 1:20
Scale at A3 1:40

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REFER TO OSi SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

0 200 400 800 1200 1600 2000mm

SCALE 1:20 @ A1; 1:40 @ A3

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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

Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: ROAD CROSS SECTIONS SHEET 01

Original Scale	Design/Drawn	Checked	Authorised
1:20 at A1	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

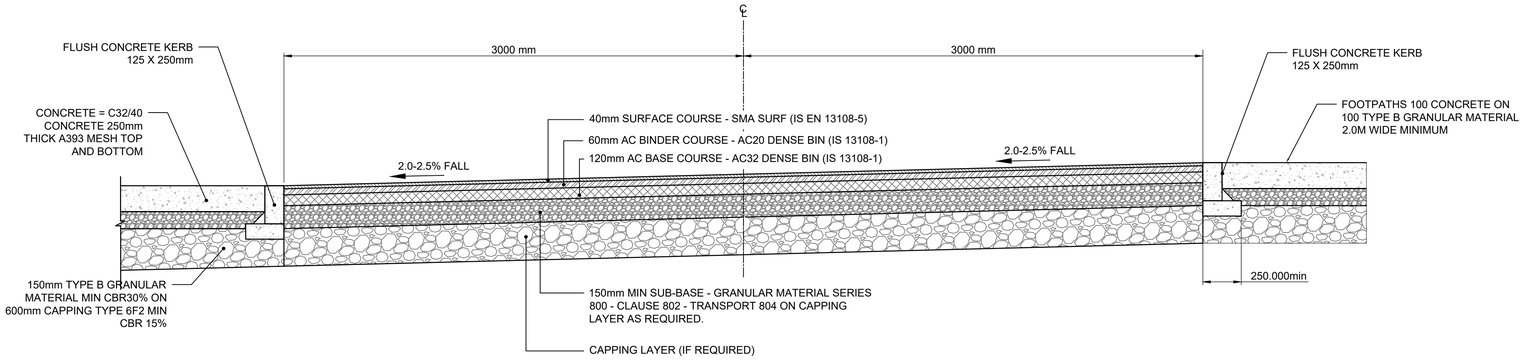
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Date: Jan 29, 2026 - 4:31pm Plotted by: SHERBAKO
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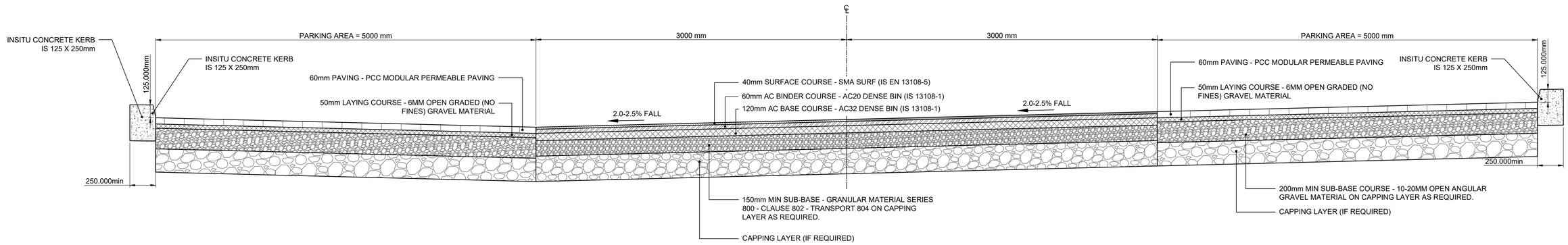
100
0 10
A1
DO NOT SCALE

GENERAL NOTES

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4 TYPICAL SECTION STREET
Scale at A1 1:20
Scale at A3 1:40



5 TYPICAL SECTION STREET
Scale at A1 1:20
Scale at A3 1:40

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REFER TO OSi SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

0 200 400 800 1200 1600 2000mm
SCALE 1:20 @ A1; 1:40 @ A3

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: ROAD CROSS SECTIONS
SHEET 02

Original Scale	Design/Drawn	Checked	Authorised
1:20 at A1	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status	Drawing Number	Rev
A2	PEK3-ATK-ZZ-01-DR-CE-900702	0

File: PEK3-ATK-ZZ-01-DR-CE-900700-900702.dwg
Date: Jan 29, 2026 - 4:31pm Plotted by: SHEEBAN00
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A1

DO NOT SCALE

100 0 10

File: PEK3-ATK-ZZ-01-DR-CE-901100-901102.dwg
Date: Feb 06, 2026 - 3:01pm Plotted by: SHERB400

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N

DR-CE-901106

DR-CE-901105

DR-CE-901104

DR-CE-901103

DR-CE-901102

DR-CE-901101

MATCH LINE

M17 M18

GAS HP GAS LP

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0 25 50 100 150 200 250m

SCALE 1:2500 @ A1; 1:5000 @ A3

LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- WAYLEAVE
- HIGH PRESSURE GAS LINE
- LOW PRESSURE GAS LINE

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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Project: CASHLA PEAKER PLANT
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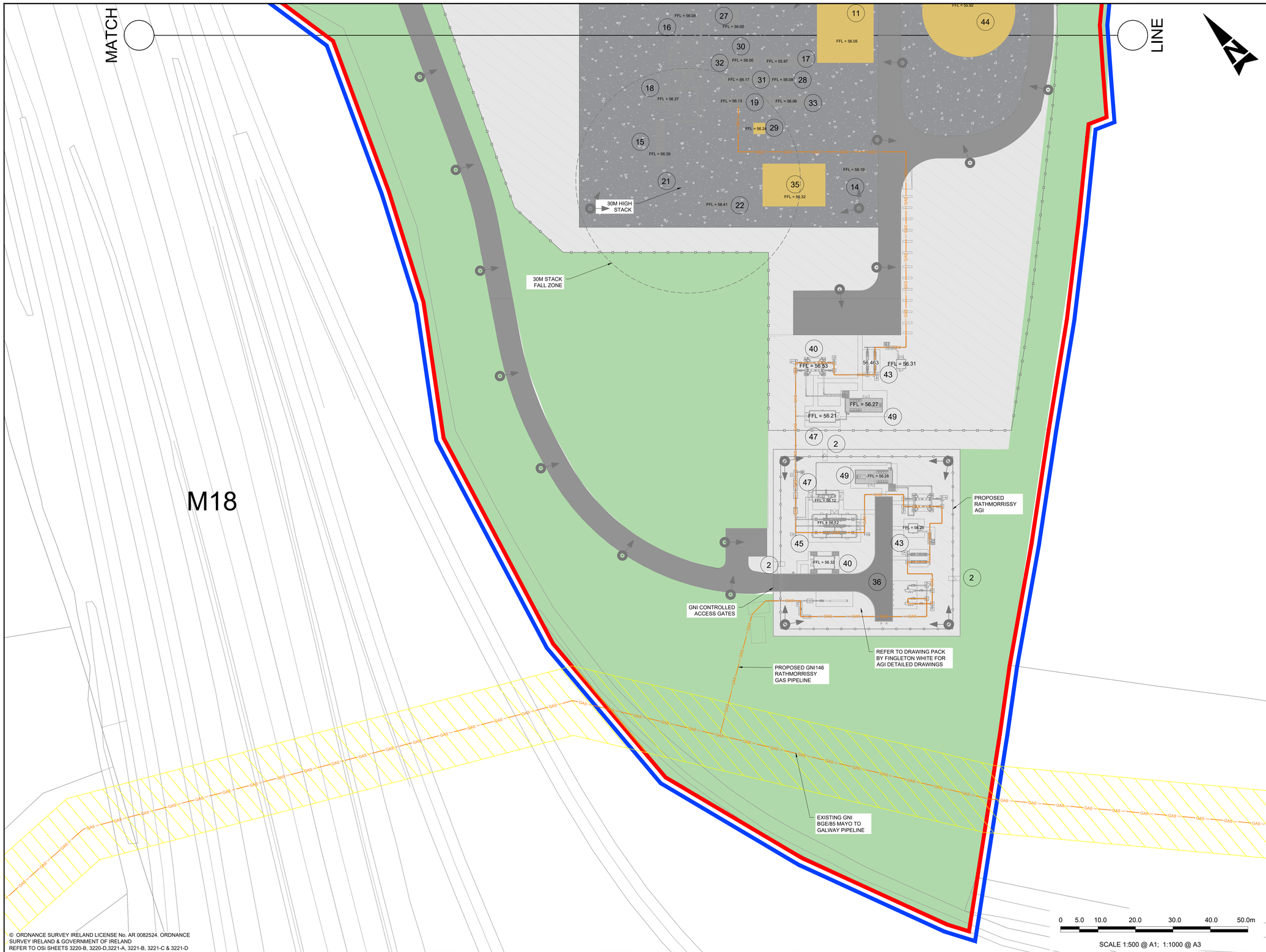
Purpose: PLANNING

Title: SITE SURFACE TYPES LAYOUT KEYPLAN

Original Scale	Design/Drawn	Checked	Authorised
1:2500 at A1	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status	Drawing Number	Rev
A2	PEK3-ATK-ZZ-01-DR-CE-901100	0

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KEY TABLE

1	ADMINISTRATION BUILDING SUBSTATION
2	AGI PEDESTRIAN ACCESS GATE
3	UNDERGROUND WASTEWATER TREATMENT PLANT
4	ADMINISTRATION BUILDING
5	WORKSHOP BUILDING
6	MAINTENANCE LAY DOWN AREA
7	MAIN ENTRANCE GATES
8	EMERGENCY ACCESS GATES
9	FUEL TANK - CAPACITY 2x3502cu.m 20MØ 11.1m HIGH
10	FUEL TANK BUND - 2.5m HIGH
11	ELECTRICAL CONTROL BUILDING
12	DEMIN TANK PUMP SKID
13	SERVICE WATER PUMP SKID
14	EMERGENCY DIESEL GENERATOR
15	CO2 FIRE FIGHTING SKID
16	GENERATOR
17	COMPRESSOR CLEANING SKID AND TANKS
18	TURBINE
19	FUEL GAS SUPPLY SYSTEM SKID
20	--ITEM NUMBER NOT USED INTENTIONALLY--
21	TURBINE EXHAUST STACK
22	CONTINUOUS EMMISSIONS MONITORING UNIT
23	--ITEM NUMBER NOT USED INTENTIONALLY--
24	--ITEM NUMBER NOT USED INTENTIONALLY--
25	UNIT AUXILIARY TRANSFORMER (UAT)
26	GSU TRANSFORMER
27	AIR COOLING SKID
28	WATER SKID
29	PROPANE TANK
30	GENERATOR CIRCUIT BREAKER
31	OIL LUBE SKID
32	DUAL FUEL MODULE
33	COMPRESSED AIR SKID
34	--ITEM NUMBER NOT USED INTENTIONALLY--
35	FIN FAN COOLER
36	RATHMORRISSY AGI (DRAWING 2183-DG-1001)
37	FUEL FORWARDING & UNLOADING AREA
38	--ITEM NUMBER NOT USED INTENTIONALLY--
39	FIRE & SERVICE WATER TANK
40	ELECTRICAL AND INSTRUMENTATION KIOSK (DRAWING 2183-DG-1005)
41	FIRE WATER PUMP SKID
42	WATER TREATMENT PLANT
43	GAS ANALYSER KIOSK (DRAWING 2183-DG-1006)
44	DEMIN WATER TANK 7555M3 25MØ 15.4M HIGH
45	MAIN PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1002)
46	SOAKAWAY RETENTION POND
47	ANCILLARY PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1004)
48	UNDERGROUND 1087cu.m CONTAMINATED FIREWATER TANK
49	BOILER HOUSE KIOSK (DRAWING 2183-DG-1003)
50	DEMIN WASTE TANK - 10mØ 5m HIGH

LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- PROPOSED STRUCTURES
- PERMEABLE PAVING
- CONCRETE
- GRASSED/LANDSCAPED AREAS
- GRAVEL
- ASPHALT
- LANDSCAPED SCREENING ZONE
- HIGH PRESSURE GAS LINE
- LOW PRESSURE GAS LINE
- LAMP STANDARD
- SUBSTATION TO BE SUBMITTED AS SEPARATE SID APPLICATION
- WAYLEAVE

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Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose:

Title: SITE SURFACE TYPES LAYOUT SHEET 01

Original Scale	Design/Drawn	Checked	Authorised
1:500 at A1	PS Date 01.12.25	ND Date 01.12.25	AJB Date 01.12.25

Status	Drawing Number	Rev
A2	PEK3-ATK-ZZ-01-DR-CE-901101	0

A1 DO NOT SCALE

File: PEK3-ATK-ZZ-01-DR-CE-901100-901102.dwg
Date: Jan 29, 2026 - 4:31pm Plotted by: SHEM8400

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REFER TO OSi SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

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KEY TABLE

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2	AGI PEDESTRIAN ACCESS GATE
3	UNDERGROUND WASTEWATER TREATMENT PLANT
4	ADMINISTRATION BUILDING
5	WORKSHOP BUILDING
6	MAINTENANCE LAY DOWN AREA
7	MAIN ENTRANCE GATES
8	EMERGENCY ACCESS GATES
9	FUEL TANK - CAPACITY 2x3502cu.m 20MØ 11.1m HIGH
10	FUEL TANK BUND - 2.5m HIGH
11	ELECTRICAL CONTROL BUILDING
12	DEMIN TANK PUMP SKID
13	SERVICE WATER PUMP SKID
14	EMERGENCY DIESEL GENERATOR
15	CO2 FIRE FIGHTING SKID
16	GENERATOR
17	COMPRESSOR CLEANING SKID AND TANKS
18	TURBINE
19	FUEL GAS SUPPLY SYSTEM SKID
20	--ITEM NUMBER NOT USED INTENTIONALLY--
21	TURBINE EXHAUST STACK
22	CONTINUOUS EMMISSIONS MONITORING UNIT
23	--ITEM NUMBER NOT USED INTENTIONALLY--
24	--ITEM NUMBER NOT USED INTENTIONALLY--
25	UNIT AUXILIARY TRANSFORMER (UAT)
26	GSU TRANSFORMER
27	AIR COOLING SKID
28	WATER SKID
29	PROPANE TANK
30	GENERATOR CIRCUIT BREAKER
31	OIL LUBE SKID
32	DUAL FUEL MODULE
33	COMPRESSED AIR SKID
34	--ITEM NUMBER NOT USED INTENTIONALLY--
35	FIN FAN COOLER
36	RATHMORRISSY AGI (DRAWING 2183-DG-1001)
37	FUEL FORWARDING & UNLOADING AREA
38	--ITEM NUMBER NOT USED INTENTIONALLY--
39	FIRE & SERVICE WATER TANK
40	ELECTRICAL AND INSTRUMENTATION KIOSK (DRAWING 2183-DG-1005)
41	FIRE WATER PUMP SKID
42	WATER TREATMENT PLANT
43	GAS ANALYSER KIOSK (DRAWING 2183-DG-1006)
44	DEMIN WATER TANK 7555M3 25MØ 15.4M HIGH
45	MAIN PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1002)
46	SOAKAWAY RETENTION POND
47	ANCILLARY PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1004)
48	UNDERGROUND 1087cu.m CONTAMINATED FIREWATER TANK
49	BOILER HOUSE KIOSK (DRAWING 2183-DG-1003)
50	DEMIN WASTE TANK - 10mØ 5m HIGH

LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- PROPOSED STRUCTURES
- PERMEABLE PAVING
- CONCRETE
- GRASSED/LANDSCAPED AREAS
- GRAVEL
- ASPHALT
- LANDSCAPED SCREENING ZONE
- HIGH PRESSURE GAS LINE
- LOW PRESSURE GAS LINE
- LAMP STANDARD
- SUBSTATION TO BE SUBMITTED AS SEPARATE SID APPLICATION
- WAYLEAVE

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose:

Title: SITE SURFACE TYPES LAYOUT SHEET 02

Original Scale	Design/Drawn	Checked	Authorised
1:500 at A1	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status	Drawing Number	Rev
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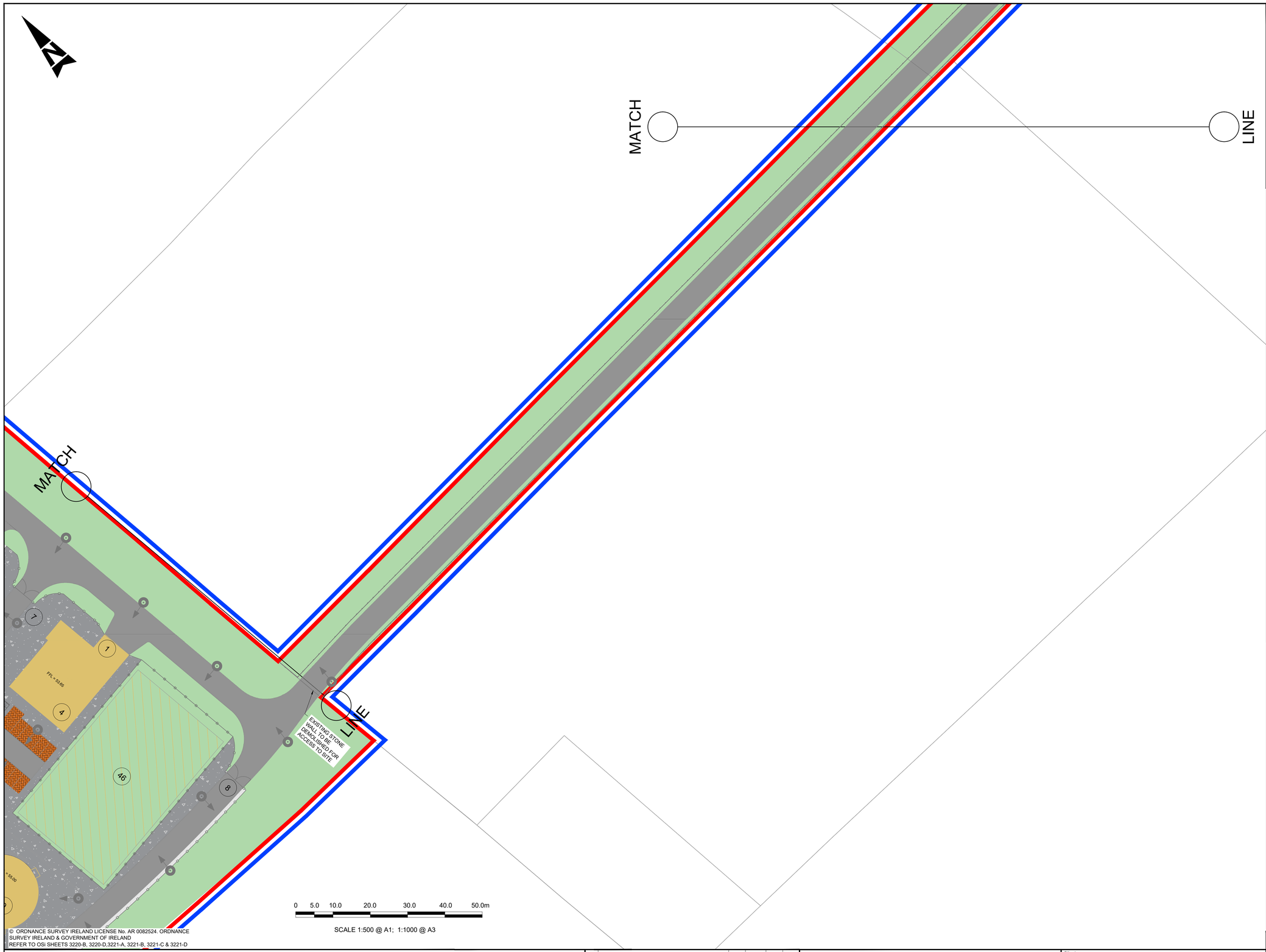
DO NOT SCALE

A1

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File: PEK3-ATK-ZZ-01-DR-CE-901100-901102.dwg
Date: Jan 29, 2026 - 4:32pm Plotted by: SHERBAKOO

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SCALE 1:500 @ A1; 1:1000 @ A3

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REFER TO OSi SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

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6	MAINTENANCE LAY DOWN AREA
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10	FUEL TANK BUND - 2.5m HIGH
11	ELECTRICAL CONTROL BUILDING
12	DEMIN TANK PUMP SKID
13	SERVICE WATER PUMP SKID
14	EMERGENCY DIESEL GENERATOR
15	CO2 FIRE FIGHTING SKID
16	GENERATOR
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18	TURBINE
19	FUEL GAS SUPPLY SYSTEM SKID
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49	BOILER HOUSE KIOSK (DRAWING 2183-DG-1003)
50	DEMIN WASTE TANK - 10mØ 5m HIGH

LEGEND

- PROJECT BOUNDARY FOR PLANNING
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- PROPOSED STRUCTURES
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- GRAVEL
- ASPHALT
- LANDSCAPED SCREENING ZONE
- GAS HP — HIGH PRESSURE GAS LINE
- GAS LP — LOW PRESSURE GAS LINE
- LAMP STANDARD
- SUBSTATION TO BE SUBMITTED AS SEPARATE SID APPLICATION
- WAYLEAVE

Purpose

Title: SITE SURFACE TYPES LAYOUT SHEET 03

Original Scale	Design/Drawn	Checked	Authorised
1:500 at A1	PS Date 01.12.25	ND Date 01.12.25	AJB Date 01.12.25

Status	Drawing Number	Rev
A2	PEK3-ATK-ZZ-01-DR-CE-901103	0

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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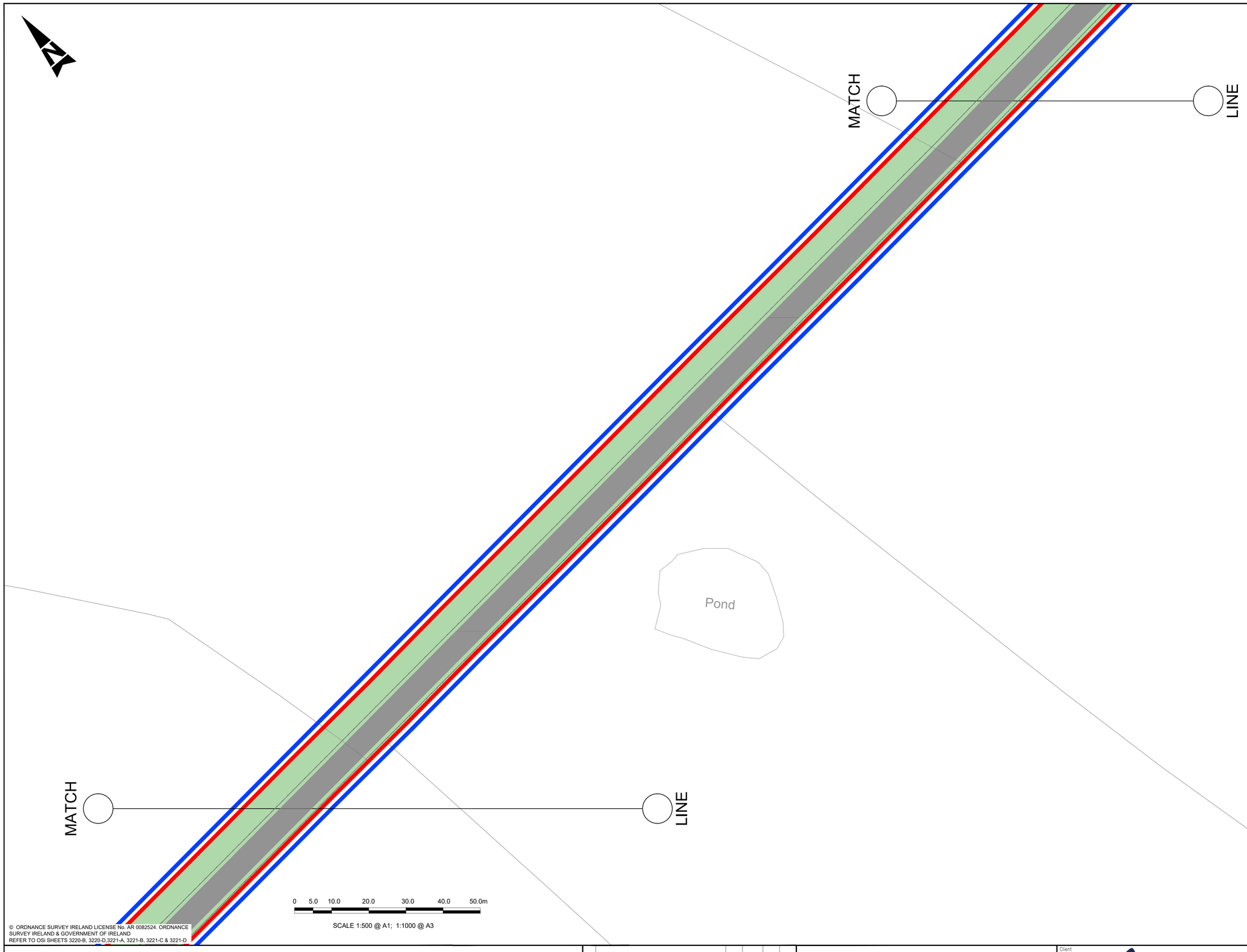
Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

A1 DO NOT SCALE

File: PEK3-ATK-ZZ-01-DR-CE-901100-901102.dwg
Date: Jan 29, 2026 - 4:32pm Plotted by: SHEP8400

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LEGEND

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Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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

Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose:

Title: SITE SURFACE TYPES LAYOUT SHEET 04

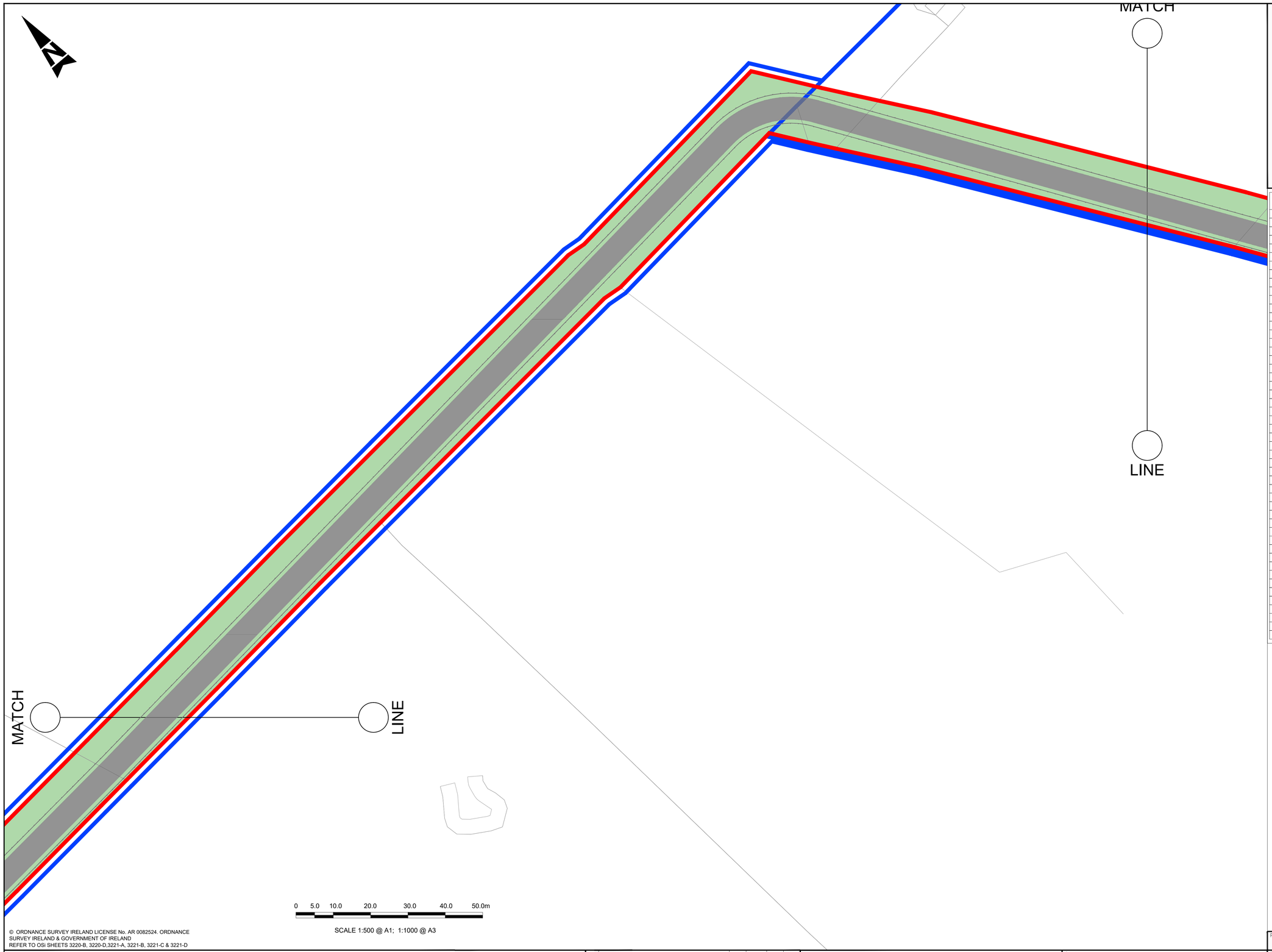
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	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status	Drawing Number	Rev
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DO NOT SCALE
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File: PEK3-ATK-ZZ-01-DR-CE-901100-901102.dwg
Date: Jan 29, 2026 - 4:32pm Plotted by: SHER8400

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SCALE 1:500 @ A1; 1:1000 @ A3

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REFER TO OSi SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

GENERAL NOTES

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

1	ADMINISTRATION BUILDING SUBSTATION
2	AGI PEDESTRIAN ACCESS GATE
3	UNDERGROUND WASTEWATER TREATMENT PLANT
4	ADMINISTRATION BUILDING
5	WORKSHOP BUILDING
6	MAINTENANCE LAY DOWN AREA
7	MAIN ENTRANCE GATES
8	EMERGENCY ACCESS GATES
9	FUEL TANK - CAPACITY 2x3502cu.m 20MØ 11.1m HIGH
10	FUEL TANK BUND - 2.5m HIGH
11	ELECTRICAL CONTROL BUILDING
12	DEMIN TANK PUMP SKID
13	SERVICE WATER PUMP SKID
14	EMERGENCY DIESEL GENERATOR
15	CO2 FIRE FIGHTING SKID
16	GENERATOR
17	COMPRESSOR CLEANING SKID AND TANKS
18	TURBINE
19	FUEL GAS SUPPLY SYSTEM SKID
20	--ITEM NUMBER NOT USED INTENTIONALLY--
21	TURBINE EXHAUST STACK
22	CONTINUOUS EMMISSIONS MONITORING UNIT
23	--ITEM NUMBER NOT USED INTENTIONALLY--
24	--ITEM NUMBER NOT USED INTENTIONALLY--
25	UNIT AUIXILIARY TRANSFORMER (UAT)
26	GSU TRANSFORMER
27	AIR COOLING SKID
28	WATER SKID
29	PROPANE TANK
30	GENERATOR CIRCUIT BREAKER
31	OIL LUBE SKID
32	DUAL FUEL MODULE
33	COMPRESSED AIR SKID
34	--ITEM NUMBER NOT USED INTENTIONALLY--
35	FIN FAN COOLER
36	RATHMORRISSY AGI (DRAWING 2183-DG-1001)
37	FUEL FORWARDING & UNLOADING AREA
38	--ITEM NUMBER NOT USED INTENTIONALLY--
39	FIRE & SERVICE WATER TANK
40	ELECTRICAL AND INSTRUMENTATION KIOSK (DRAWING 2183-DG-1005)
41	FIRE WATER PUMP SKID
42	WATER TREATMENT PLANT
43	GAS ANALYSER KIOSK (DRAWING 2183-DG-1006)
44	DEMIN WATER TANK 7555M3 25MØ 15.4M HIGH
45	MAIN PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1002)
46	SOAKAWAY RETENTION POND
47	ANCILLARY PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1004)
48	UNDERGROUND 1087cu.m CONTAMINATED FIREWATER TANK
49	BOILER HOUSE KIOSK (DRAWING 2183-DG-1003)
50	DEMIN WASTE TANK - 10mØ 5m HIGH

LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- PROPOSED STRUCTURES
- PERMEABLE PAVING
- CONCRETE
- GRASSED/LANDSCAPED AREAS
- GRAVEL
- ASPHALT
- LANDSCAPED SCREENING ZONE
- GAS HP — HIGH PRESSURE GAS LINE
- GAS LP — LOW PRESSURE GAS LINE
- LAMP STANDARD
- SUBSTATION TO BE SUBMITTED AS SEPARATE SID APPLICATION
- WAYLEAVE

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose:

Title: SITE SURFACE TYPES LAYOUT SHEET 05

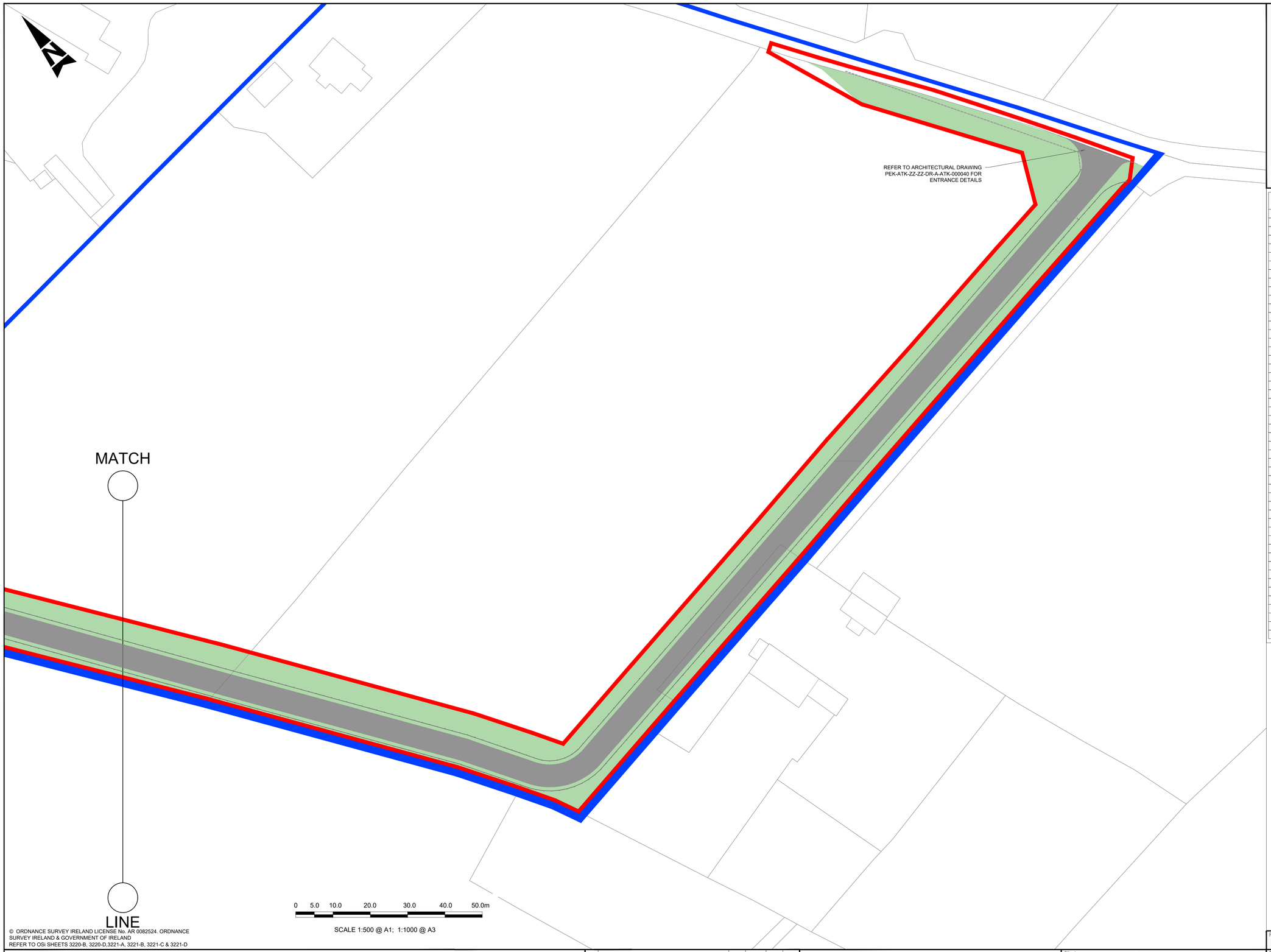
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1:500 at A1	PS Date 01.12.25	ND Date 01.12.25	AJB Date 01.12.25

Status	Drawing Number	Rev
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DO NOT SCALE
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File: PEK3-ATK-ZZ-01-DR-CE-901100-901102.dwg
Date: Jan 29, 2026 - 4:32pm Plotted by: SHEP8400

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REFER TO OSi SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

GENERAL NOTES

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KEY TABLE

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5	WORKSHOP BUILDING
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16	GENERATOR
17	COMPRESSOR CLEANING SKID AND TANKS
18	TURBINE
19	FUEL GAS SUPPLY SYSTEM SKID
20	--ITEM NUMBER NOT USED INTENTIONALLY--
21	TURBINE EXHAUST STACK
22	CONTINUOUS EMMISSIONS MONITORING UNIT
23	--ITEM NUMBER NOT USED INTENTIONALLY--
24	--ITEM NUMBER NOT USED INTENTIONALLY--
25	UNIT AUIXILIARY TRANSFORMER (UAT)
26	GSU TRANSFORMER
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29	PROPANE TANK
30	GENERATOR CIRCUIT BREAKER
31	OIL LUBE SKID
32	DUAL FUEL MODULE
33	COMPRESSED AIR SKID
34	--ITEM NUMBER NOT USED INTENTIONALLY--
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36	RATHMORRISSY AGI (DRAWING 2183-DG-1001)
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50	DEMIN WASTE TANK - 10mØ 5m HIGH

LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- PROPOSED STRUCTURES
- PERMEABLE PAVING
- CONCRETE
- GRASSED/LANDSCAPED AREAS
- GRAVEL
- ASPHALT
- LANDSCAPED SCREENING ZONE
- GAS HP — HIGH PRESSURE GAS LINE
- GAS LP — LOW PRESSURE GAS LINE
- LAMP STANDARD
- SUBSTATION TO BE SUBMITTED AS SEPARATE SID APPLICATION
- WAYLEAVE

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose

Title: SITE SURFACE TYPES LAYOUT SHEET 06

Original Scale	Design/Drawn	Checked	Authorised
1:500 at A1	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status	Drawing Number	Rev
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File: PEK3-ATK-ZZ-01-DR-CE-901100-901102.dwg
Date: Jan 29, 2026 - 4:32pm Plotted by: SHERB400
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DO NOT SCALE

Millimetres 100 0 10

M18

MATCH

M18

30m STACK FALL ZONE

30m Tx CLEARANCE ZONE (COMBUSTABLE MATERIAL)

15M Tx CLEARANCE ZONE OF GSU TRANSFORMER

30m HIGH STACK

SUBSTATION TO BE SUBMITTED AS SEPARATE SID APPLICATION

PROPOSED GN146 RATHMORRISSY GAS PIPELINE

GNI CONTROLLED ACCESS GATES

EXISTING SHEDS TO BE DEMOLISHED

EXISTING GNI BGE/85 MAYO TO GALWAY PIPELINE

LOCAL ACCESS TO BE MAINTAINED

PROPOSED RATHMORRISSY AGI

20Nr BICYCLE SPACES

MATCH

LINE

EXISTING STONE WALL TO BE DEMOLISHED FOR ACCESS TO SITE

LINE

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A0 1:1000 @ A1

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
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8	EMERGENCY ACCESS GATES
9	FUEL TANK - CAPACITY 2x350㎥ m 20MØ 11.1m HIGH
10	FUEL TANK BUND - 2.5m HIGH
11	ELECTRICAL CONTROL BUILDING
12	DEMIN TANK PUMP SKID
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15	CO2 FIRE FIGHTING SKID
16	GENERATOR
17	COMPRESSOR CLEANING SKID AND TANKS
18	TURBINE
19	FUEL GAS SUPPLY SYSTEM SKID
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LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- PROPOSED STRUCTURES
- PERMEABLE PAVING
- CONCRETE
- GRASSED/LANDSCAPED AREAS
- GRAVEL
- ASPHALT
- LANDSCAPED SCREENING ZONE
- HIGH PRESSURE GAS LINE
- LOW PRESSURE GAS LINE
- LAMP STANDARD
- SUBSTATION TO BE SUBMITTED AS SEPARATE SID APPLICATION
- WAYLEAVE

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Polnagroagh (Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: SITE SURFACE TYPES LAYOUT SHEET 07

Original Scale	Design/Drawn	Checked	Authorised
1:500 at A0	PS Date 01.12.25	ND Date 01.12.25	AJB Date 01.12.25

Status	Drawing Number	Rev
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DO NOT SCALE

File: PEK3-ATK-ZZ-01-DR-CE-901110-901116.dwg Date: Feb 06, 2026 - 3:01pm Plotted by: SHER8400

GENERAL NOTES

1. ALL DIMENSIONS ARE IN METERS UNLESS NOTED OTHERWISE
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DR-CE-901116

DR-CE-901115

DR-CE-901114

DR-CE-901113

DR-CE-901112

DR-CE-901111

M17

M18

GAS

MATCH

LINE

0 25 50 100 150 200 250m

SCALE 1:2500 @ A1; 1:5000 @ A3

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REFER TO OSi SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- WAYLEAVE
- GAS MAIN

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

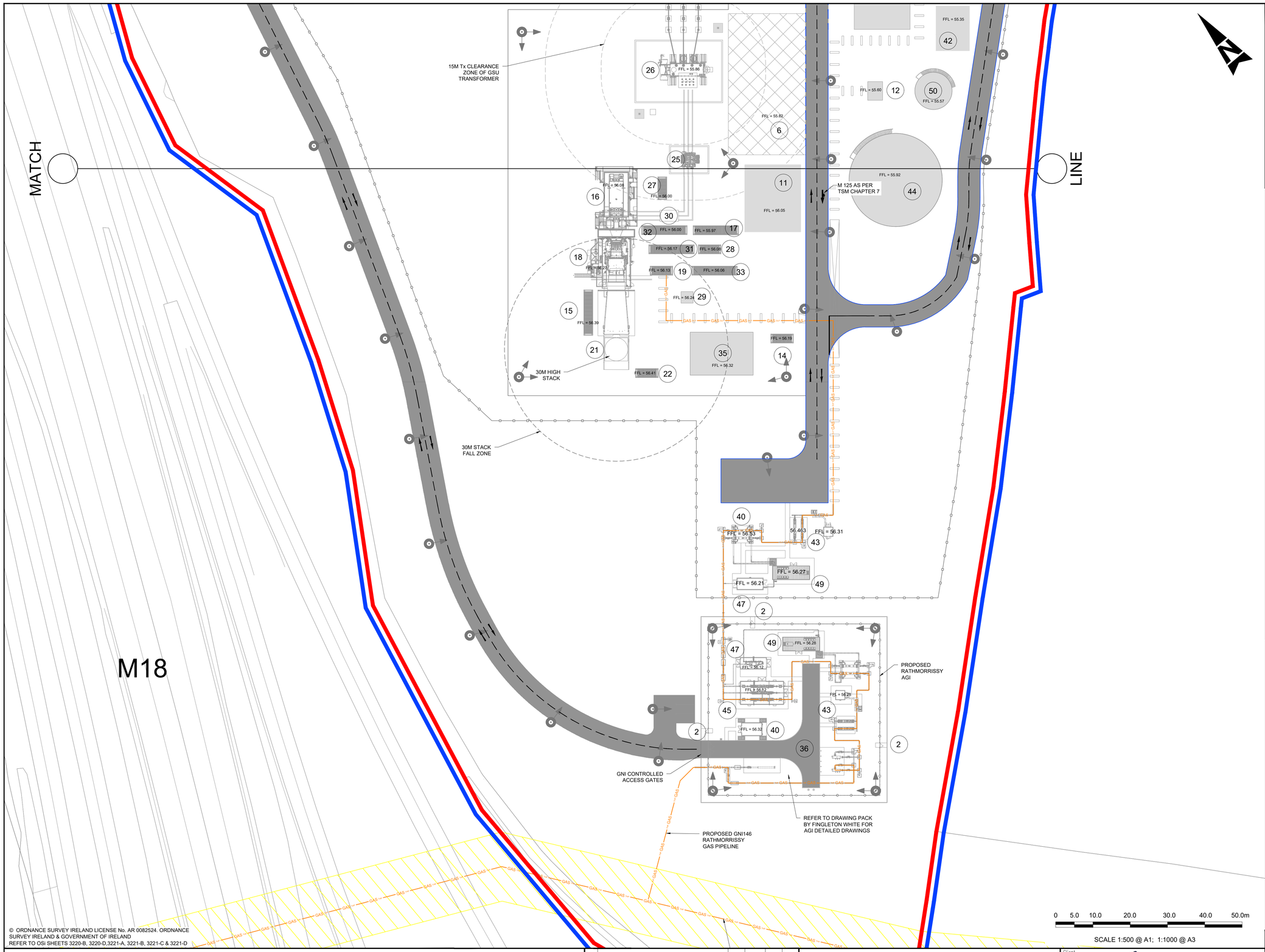
Purpose: PLANNING

Title: KERB AND ROAD MARKINGS LAYOUT KEYPLAN

Original Scale	Design/Drawn	Checked	Authorised
1:2500 at A1	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status	Drawing Number	Rev
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SCALE 1:500 @ A1; 1:1000 @ A3

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REFER TO OSi SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

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50	DEMIN WASTE TANK - 10mØ 5m HIGH

LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- PROPOSED STRUCTURES
- KERB
- DROP KERB
- ROAD MARKINGS
- HIGH PRESSURE GAS LINE
- LOW PRESSURE GAS LINE
- LAMP STANDARD
- SUBSTATION TO BE SUBMITTED AS SEPARATE SID APPLICATION
- WAYLEAVE

NOTES:

1. REFER TO TRAFFIC SIGNS MANUAL CHAPTER 7 FOR ROAD MARKINGS REQUIREMENTS.

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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

Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: KERB AND ROAD MARKINGS LAYOUT SHEET 01

Original Scale	Design/Drawn	Checked	Authorised
1:500 at A1	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status	Drawing Number	Rev
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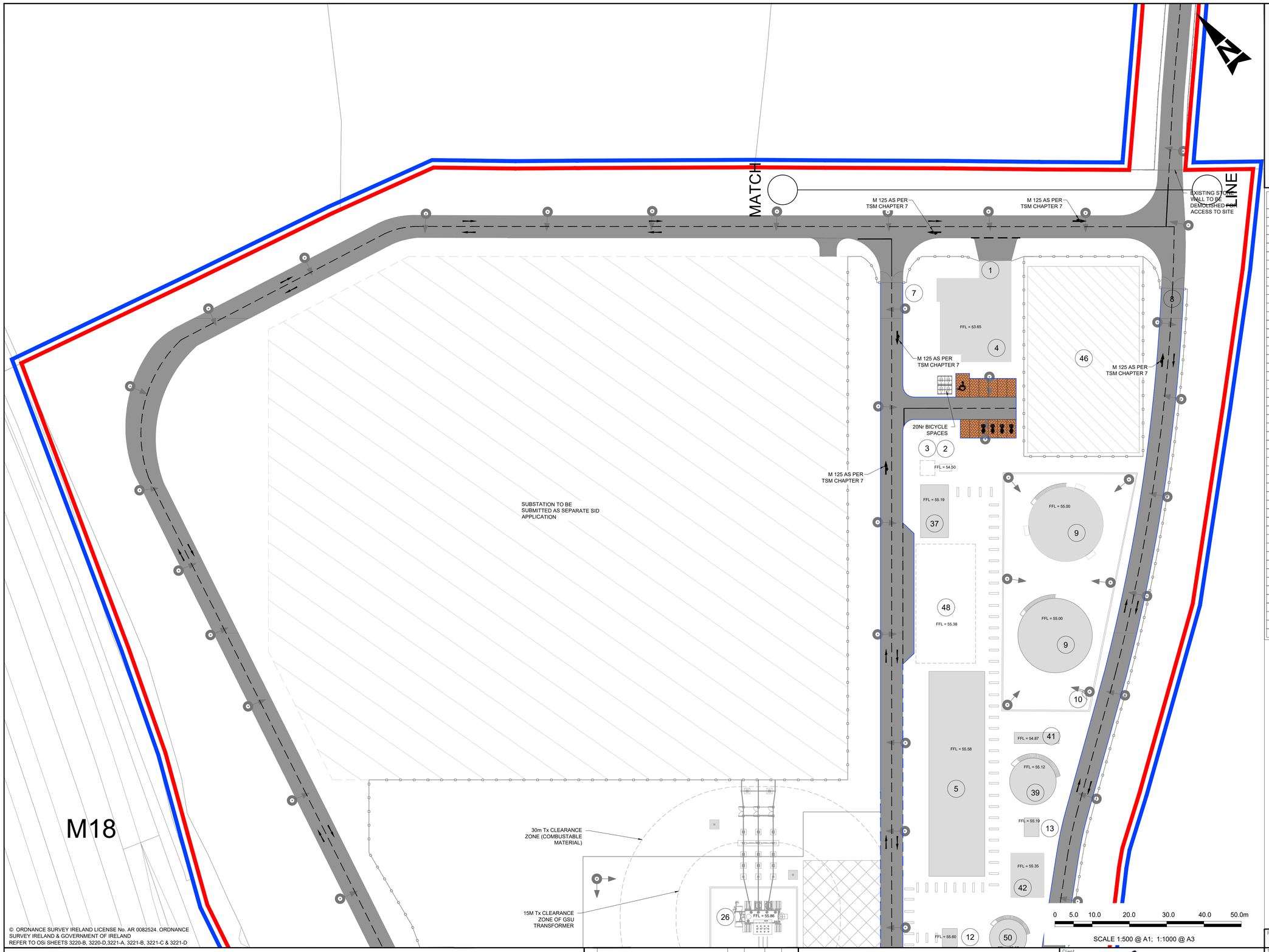
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DO NOT SCALE

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Date: Jan 29, 2026 - 4:33pm Plotted by: SHER8400



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REFER TO OSi SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

GENERAL NOTES

1. ALL DIMENSIONS ARE IN METERS UNLESS NOTED OTHERWISE
2. ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS
3. ALL LEVELS ARE IN METERS AND ARE TO MALIN HEAD DATUM
4. ALL COORDINATES ARE IN METERS AND ARE TO IRISH TRANSVERSE MERCATOR
5. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION
6. THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSES OF THE PLANNING APPLICATION AND IS SUBJECT TO DETAILED DESIGN.

KEY TABLE

1	ADMINISTRATION BUILDING SUBSTATION
2	AGI PEDESTRIAN ACCESS GATE
3	UNDERGROUND WASTEWATER TREATMENT PLANT
4	ADMINISTRATION BUILDING
5	WORKSHOP BUILDING
6	MAINTENANCE LAY DOWN AREA
7	MAIN ENTRANCE GATES
8	EMERGENCY ACCESS GATES
9	FUEL TANK - CAPACITY 2x3502cu.m 20MØ 11.1m HIGH
10	FUEL TANK BUND - 2.5m HIGH
11	ELECTRICAL CONTROL BUILDING
12	DEMIN TANK PUMP SKID
13	SERVICE WATER PUMP SKID
14	EMERGENCY DIESEL GENERATOR
15	CO2 FIRE FIGHTING SKID
16	GENERATOR
17	COMPRESSOR CLEANING SKID AND TANKS
18	TURBINE
19	FUEL GAS SUPPLY SYSTEM SKID
20	--ITEM NUMBER NOT USED INTENTIONALLY--
21	TURBINE EXHAUST STACK
22	CONTINOUOUS EMMISSIONS MONITORING UNIT
23	--ITEM NUMBER NOT USED INTENTIONALLY--
24	--ITEM NUMBER NOT USED INTENTIONALLY--
25	UNIT AUXILIARY TRANSFORMER (UAT)
26	GSU TRANSFORMER
27	AIR COOLING SKID
28	WATER SKID
29	PROPANE TANK
30	GENERATOR CIRCUIT BREAKER
31	OIL LUBE SKID
32	DUAL FUEL MODULE
33	COMPRESSED AIR SKID
34	--ITEM NUMBER NOT USED INTENTIONALLY--
35	FIN FAN COOLER
36	RATHMORRISSY AGI (DRAWING 2183-DG-1001)
37	FUEL FORWARDING & UNLOADING AREA
38	--ITEM NUMBER NOT USED INTENTIONALLY--
39	FIRE & SERVICE WATER TANK
40	ELECTRICAL AND INSTRUMENTATION KIOSK (DRAWING 2183-DG-1005)
41	FIRE WATER PUMP SKID
42	WATER TREATMENT PLANT
43	GAS ANALYSER KIOSK (DRAWING 2183-DG-1006)
44	DEMIN WATER TANK 7555M3 25MØ 15.4M HIGH
45	MAIN PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1002)
46	SOAKAWAY RETENTION POND
47	ANCILLARY PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1004)
48	UNDERGROUND 1087cu.m CONTAMINATED FIREWATER TANK
49	BOILER HOUSE KIOSK (DRAWING 2183-DG-1003)
50	DEMIN WASTE TANK - 10mØ 5m HIGH

LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- PROPOSED STRUCTURES
- KERB
- DROP KERB
- ROAD MARKINGS
- GAS HP — HIGH PRESSURE GAS LINE
- GAS MP — LOW PRESSURE GAS LINE
- LAMP STANDARD
- SUBSTATION TO BE SUBMITTED AS SEPARATE SID APPLICATION
- WAYLEAVE

NOTES:

1. REFER TO TRAFFIC SIGNS MANUAL CHAPTER 7 FOR ROAD MARKINGS REQUIREMENTS.

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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

Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

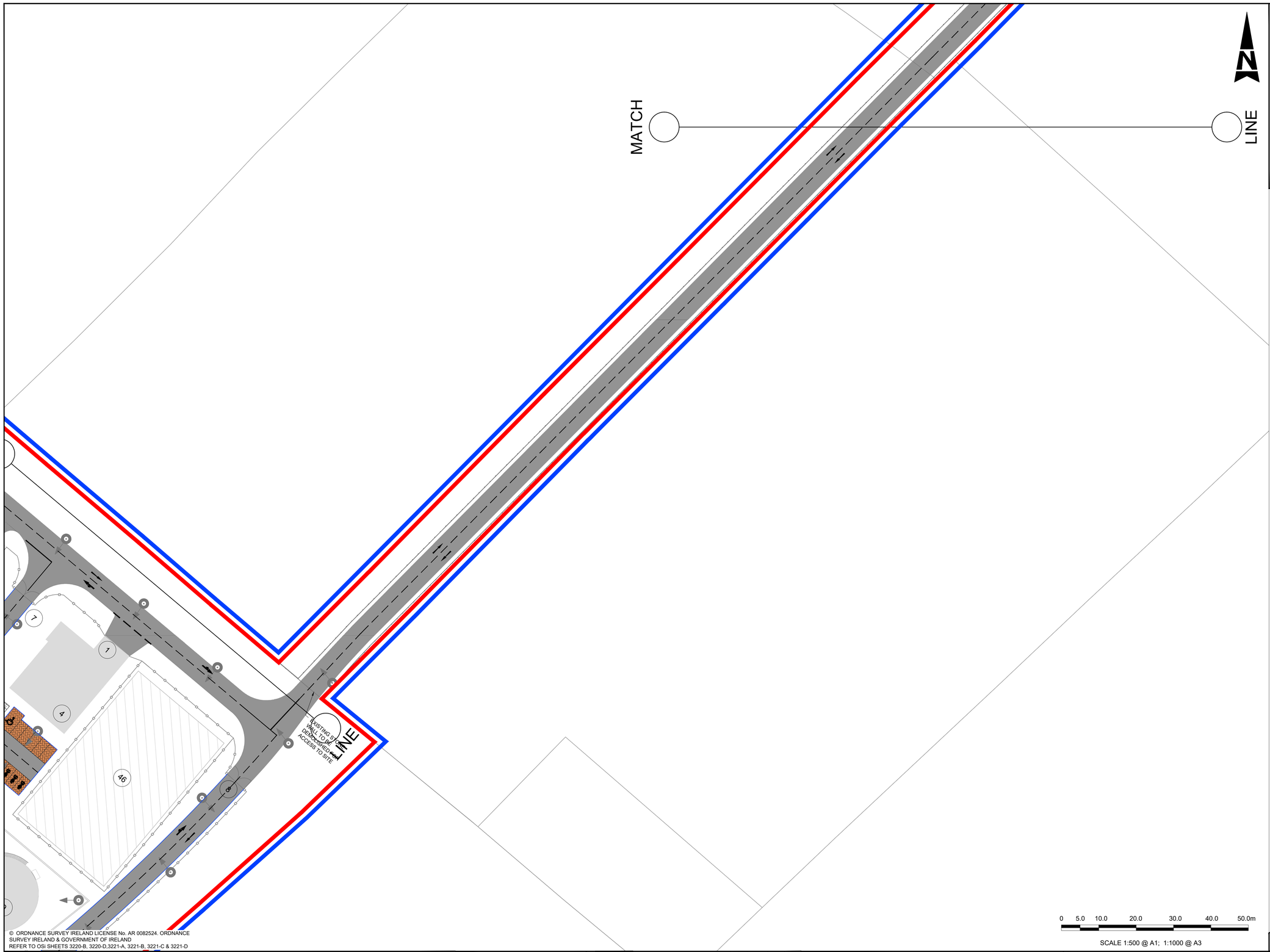
Purpose: PLANNING

Title: KERB AND ROAD MARKINGS LAYOUT SHEET 02

Original Scale	Design/Drawn	Checked	Authorised
1:500 at A1	PS Date 01.12.25	ND Date 01.12.25	AJB Date 01.12.25

Status	Drawing Number	Rev
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P:\IEDBA\Project-Data\0114485\6 Dwgs-Graphics\61 AutoCad\PEK3-ATK-ZZ-01-DRAWINGS\PEK3-ATK-ZZ-01-DR-CE-901110-901116.dwg



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REFER TO OSI SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

SCALE 1:500 @ A1; 1:1000 @ A3

GENERAL NOTES

1. ALL DIMENSIONS ARE IN METERS UNLESS NOTED OTHERWISE
2. ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS
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LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- PROPOSED STRUCTURES
- KERB
- DROP KERB
- ROAD MARKINGS
- EDGE OF ROADS

NOTES:

1. REFER TO TRAFFIC SIGNS MANUAL CHAPTER 7 FOR ROAD MARKINGS REQUIREMENTS.

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: KERB AND ROAD MARKINGS LAYOUT SHEET 03

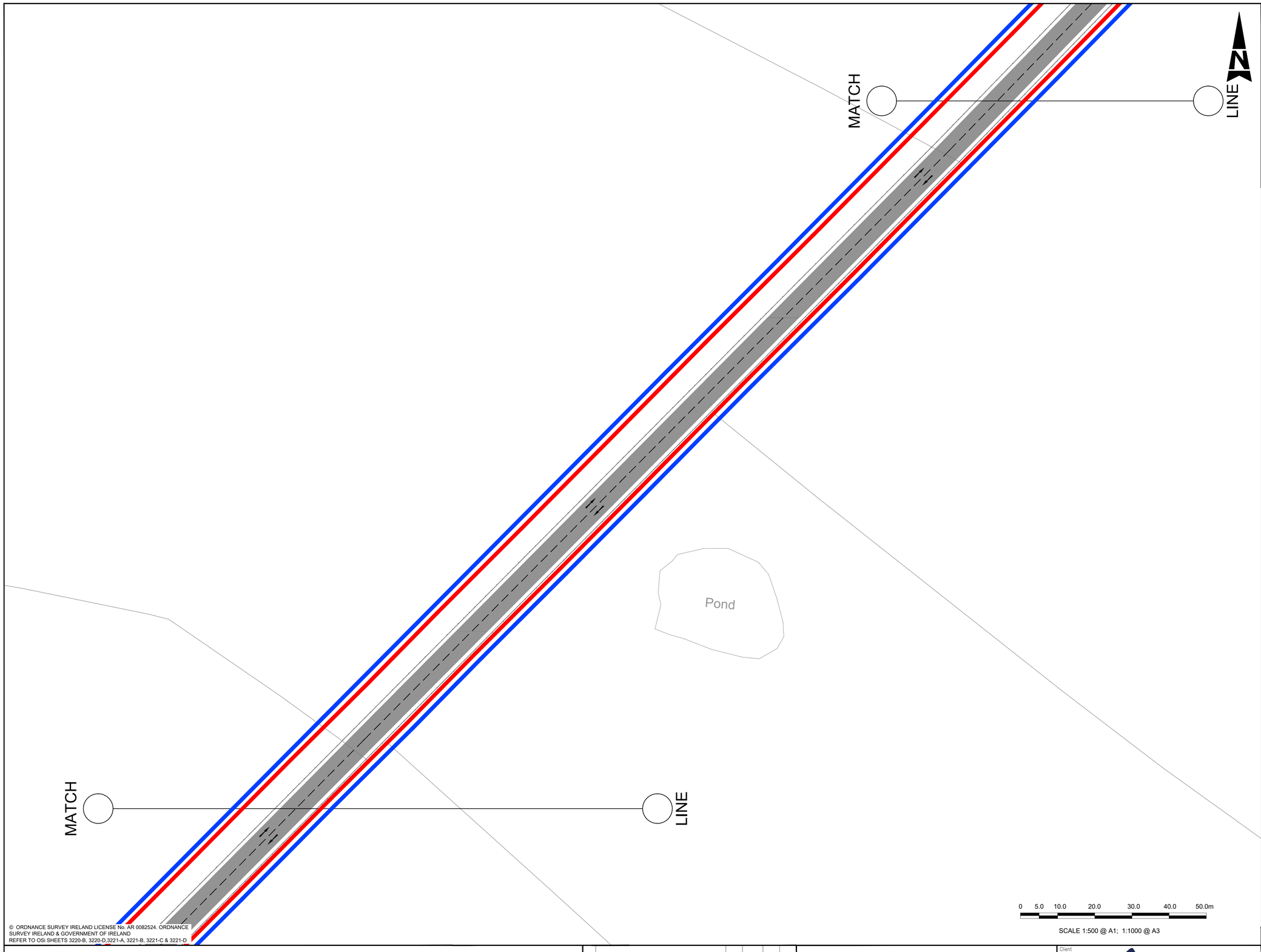
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Status	Drawing Number	Rev
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DO NOT SCALE

File: PEK3-ATK-ZZ-01-DR-CE-901110-901116.dwg
Date: Jan 29, 2026 - 4:33pm Plotted by: SHEEHAN00

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SCALE 1:500 @ A1; 1:1000 @ A3

GENERAL NOTES

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LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- PROPOSED STRUCTURES
- KERB
- DROP KERB
- ROAD MARKINGS
- HIGH PRESSURE GAS LINE
- LOW PRESSURE GAS LINE
- LAMP STANDARD
- SUBSTATION TO BE SUBMITTED AS SEPARATE SID APPLICATION
- WAYLEAVE

NOTES:

1. REFER TO TRAFFIC SIGNS MANUAL CHAPTER 7 FOR ROAD MARKINGS REQUIREMENTS.

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: KERB AND ROAD MARKINGS LAYOUT SHEET 04

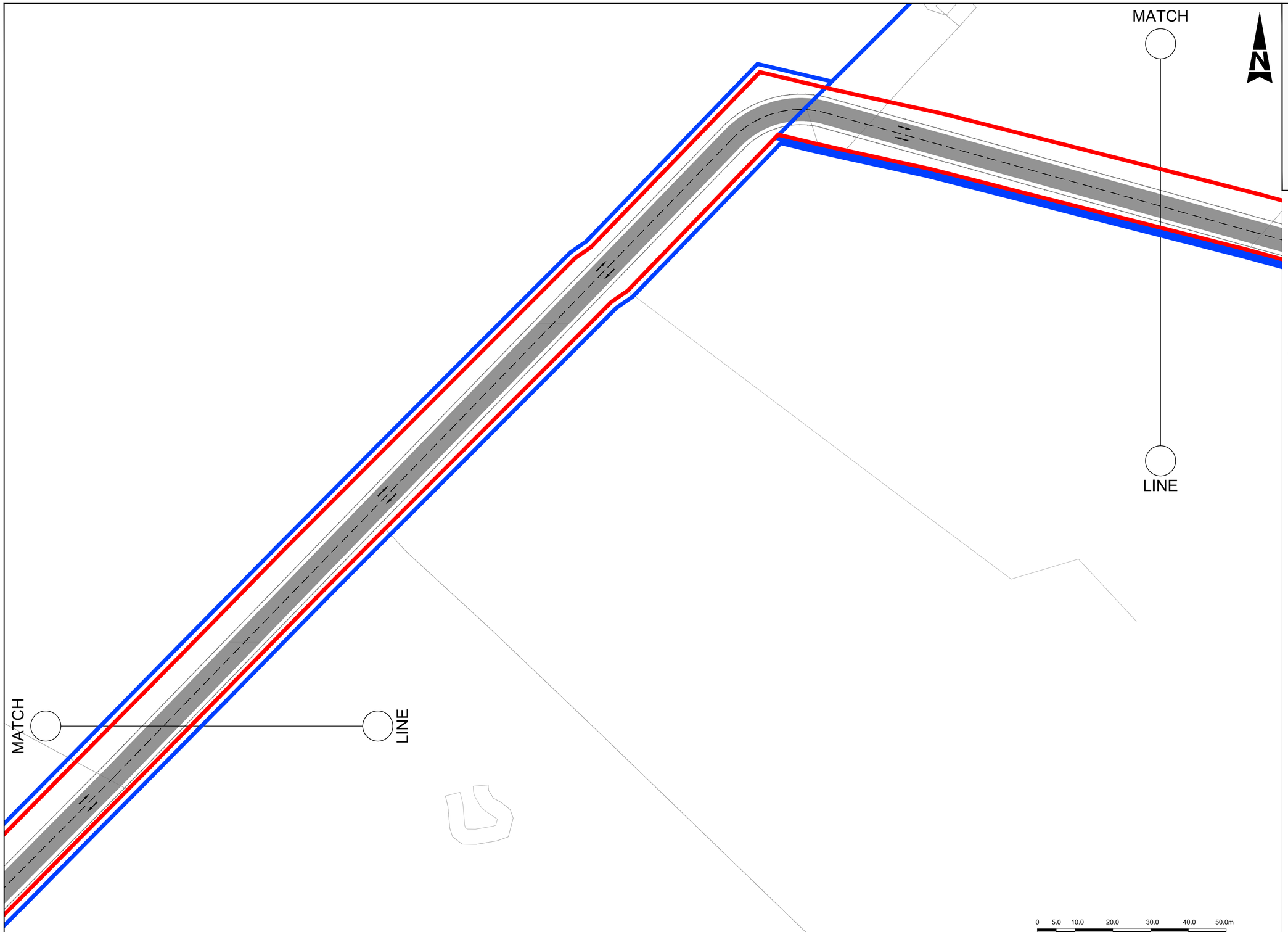
Original Scale	Design/Drawn	Checked	Authorised
1:500 at A1	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status	Drawing Number	Rev
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DO NOT SCALE

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Date: Jan 29, 2026 - 4:33pm Plotted by: SHERB400

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GENERAL NOTES

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LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- PROPOSED STRUCTURES
- KERB
- DROP KERB
- ROAD MARKINGS
- HIGH PRESSURE GAS LINE
- LOW PRESSURE GAS LINE
- LAMP STANDARD
- SUBSTATION TO BE SUBMITTED AS SEPARATE SID APPLICATION
- WAYLEAVE

NOTES:

1. REFER TO TRAFFIC SIGNS MANUAL CHAPTER 7 FOR ROAD MARKINGS REQUIREMENTS.

SCALE 1:500 @ A1; 1:1000 @ A3

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REFER TO OSi SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: KERB AND ROAD MARKINGS LAYOUT SHEET 05

Original Scale	Design/Drawn	Checked	Authorised
1:500 at A1	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

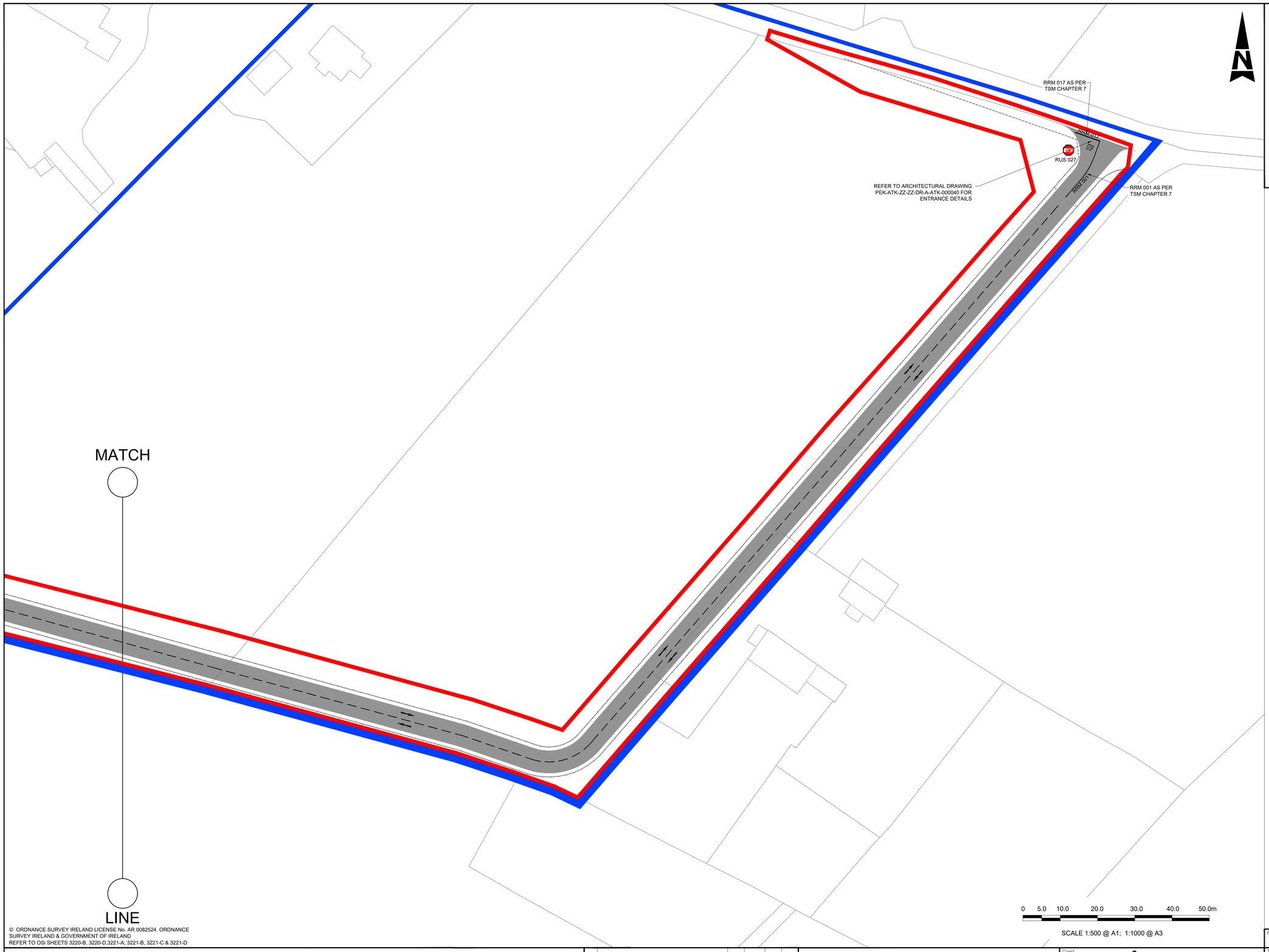
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DO NOT SCALE

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Date: Jan 29, 2026 - 4:33pm

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REFER TO OSi SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

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LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- PROPOSED STRUCTURES
- KERB
- DROP KERB
- ROAD MARKINGS
- HIGH PRESSURE GAS LINE
- LOW PRESSURE GAS LINE
- LAMP STANDARD
- SUBSTATION TO BE SUBMITTED AS SEPARATE SID APPLICATION
- WAYLEAVE

NOTES:

1. REFER TO TRAFFIC SIGNS MANUAL CHAPTER 7 FOR ROAD MARKINGS REQUIREMENTS.

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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

Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: KERB AND ROAD MARKINGS LAYOUT SHEET 06

Original Scale	Design/Drawn	Checked	Authorised
1:500 at A1	PS Date 01.12.25	ND Date 01.12.25	AJB Date 01.12.25

Status	Drawing Number	Rev
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A1 0 10 100

DO NOT SCALE

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Date: Jan 29, 2026 - 4:33pm Plotted by: SHERBAOO

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DO NOT SCALE

KEY TABLE

1	ADMINISTRATION BUILDING SUBSTATION
2	AGI PEDESTRIAN ACCESS GATE
3	UNDERGROUND WASTEWATER TREATMENT PLANT
4	ADMINISTRATION BUILDING
5	WORKSHOP BUILDING
6	MAINTENANCE LAY DOWN AREA
7	MAIN ENTRANCE GATES
8	EMERGENCY ACCESS GATES
9	FUEL TANK - CAPACITY 2x3502cu.m 20MØ 11.1m HIGH
10	FUEL TANK BUND - 2.5m HIGH
11	ELECTRICAL CONTROL BUILDING
12	DEMIN TANK PUMP SKID
13	SERVICE WATER PUMP SKID
14	EMERGENCY DIESEL GENERATOR
15	CO2 FIRE FIGHTING SKID
16	GENERATOR
17	COMPRESSOR CLEANING SKID AND TANKS
18	TURBINE
19	FUEL GAS SUPPLY SYSTEM SKID
20	--ITEM NUMBER NOT USED INTENTIONALLY--
21	TURBINE EXHAUST STACK
22	CONTINUOUS EMMISSIONS MONITORING UNIT
23	--ITEM NUMBER NOT USED INTENTIONALLY--
24	--ITEM NUMBER NOT USED INTENTIONALLY--
25	UNIT AUXILIARY TRANSFORMER (UAT)
26	GSU TRANSFORMER
27	AIR COOLING SKID
28	WATER SKID
29	PROPANE TANK
30	GENERATOR CIRCUIT BREAKER
31	OIL LUBE SKID
32	DUAL FUEL MODULE
33	COMPRESSED AIR SKID
34	--ITEM NUMBER NOT USED INTENTIONALLY--
35	FIN FAN COOLER
36	RATHMORRISSY AGI (DRAWING 2183-DG-1001)
37	FUEL FORWARDING & UNLOADING AREA
38	--ITEM NUMBER NOT USED INTENTIONALLY--
39	FIRE & SERVICE WATER TANK
40	ELECTRICAL AND INSTRUMENTATION KIOSK (DRAWING 2183-DG-1005)
41	FIRE WATER PUMP SKID
42	WATER TREATMENT PLANT
43	GAS ANALYSER KIOSK (DRAWING 2183-DG-1006)
44	DEMIN WATER TANK 7555M3 25MØ 15.4M HIGH
45	MAIN PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1002)
46	SOAKAWAY RETENTION POND
47	ANCILLARY PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1004)
48	UNDERGROUND 1087cu.m CONTAMINATED FIREWATER TANK
49	BOILER HOUSE KIOSK (DRAWING 2183-DG-1003)
50	DEMIN WASTE TANK - 10mØ 5m HIGH

M18

M18

PROPERTY BOUNDARY FENCE

PALISADE FENCE

SUBSTATION TO BE SUBMITTED AS SEPARATE SID APPLICATIO

PROPERTY BOUNDARY FENCE

PALISADE FENCE

30m STACK FALL ZONE

15M Tx CLEARANCE ZONE OF GSU TRANSFORMER

30m Tx CLEARANCE ZONE (COMBUSTABLE MATERIAL)

ACCESS TO LOCAL ROAD TO BE RETAINED

30m HIGH STACK

PROPOSED GN146 RATHMORRISSY GAS PIPELINE

GNI CONTROLLED ACCESS GATES

EXISTING SHEDS TO BE DEMOLISHED

EXISTING GNI BGE/85 MAYO TO GALWAY PIPELINE

LOCAL ACCESS TO BE MAINTAINED

PROPOSED RATHMORRISSY AGI

EIRGRID COMPOUND
CUSTOMER COMPOUND

EIRGRID COMPOUND
CUSTOMER COMPOUND

PALISADE FENCE

M 125 AS PER TSM CHAPTER 7

M 125 AS PER TSM CHAPTER 7

M 125 AS PER TSM CHAPTER 7

M 125 AS PER TSM CHAPTER 7

M 125 AS PER TSM CHAPTER 7

M 125 AS PER TSM CHAPTER 7

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A0 1:1000 @ A1

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
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LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- PROPOSED STRUCTURES
- KERB
- DROP KERB
- ROAD MARKINGS
- HIGH PRESSURE GAS LINE
- LOW PRESSURE GAS LINE
- LAMP STANDARD
- SUBSTATION TO BE SUBMITTED AS SEPARATE SID APPLICATION
- WAYLEAVE

NOTES:

1. REFER TO TRAFFIC SIGNS MANUAL CHAPTER 7 FOR ROAD MARKINGS REQUIREMENTS.

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: KERB AND ROAD MARKINGS LAYOUT SHEET 07

Original Scale	Design/Drawn	Checked	Authorised
1:500 at A0	PS Date 01.12.25	ND Date 01.12.25	AJB Date 01.12.25

Status	Drawing Number	Rev
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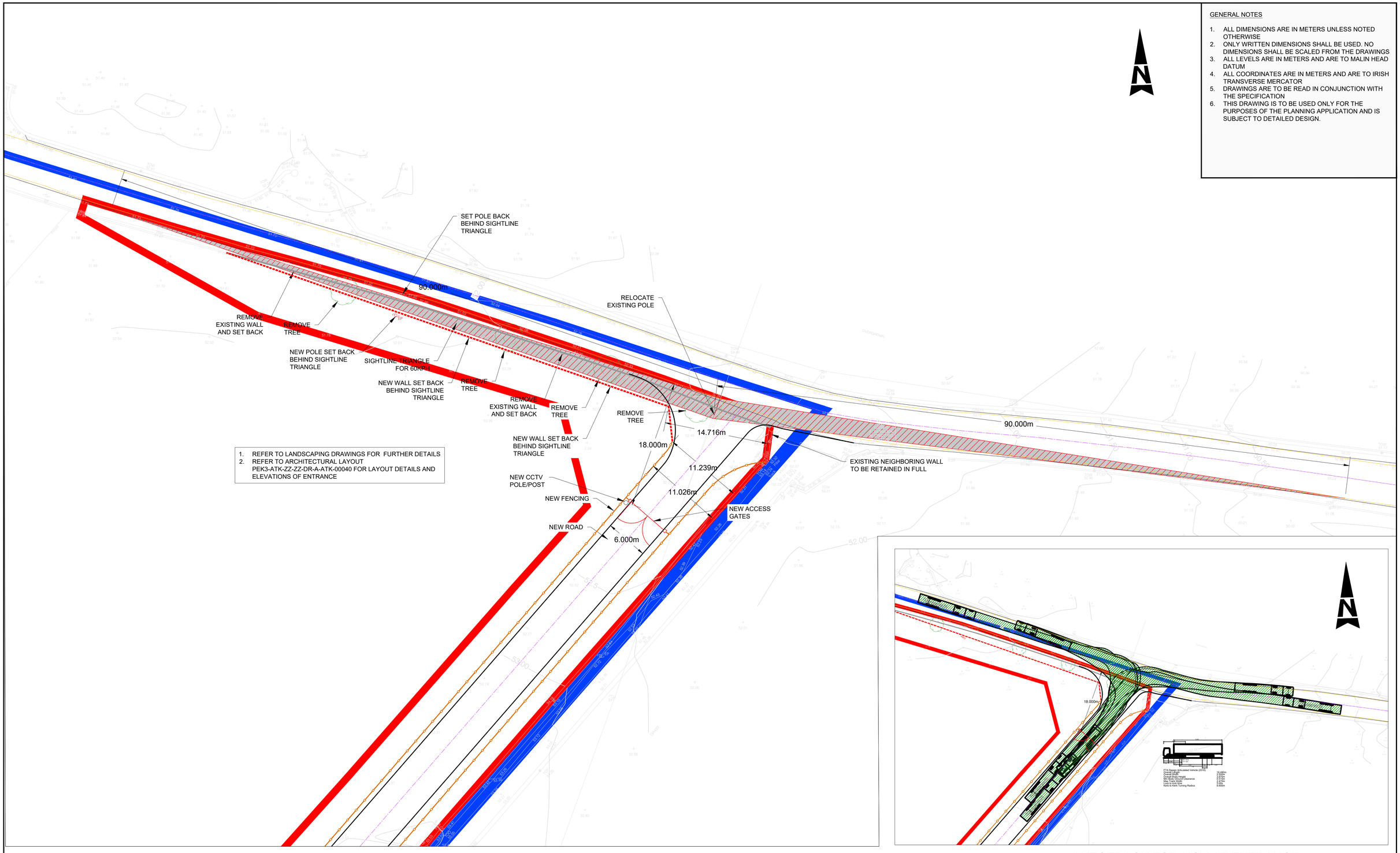
A1

0 10 100

DO NOT SCALE

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1. REFER TO LANDSCAPING DRAWINGS FOR FURTHER DETAILS
2. REFER TO ARCHITECTURAL LAYOUT PEK3-ATK-ZZ-ZZ-DR-A-ATK-00040 FOR LAYOUT DETAILS AND ELEVATIONS OF ENTRANCE

SIGHTLINES AT ENTRANCE

1:250

AUTOTRACK FOR HGV AT ENTRANCE

1:500

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REFER TO OSi SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

LEGEND

- EXISTING WALL FOR DEMOLITION
- PROPOSED NEW WALL
- PROPOSED FENCING
- SIGHTLINE TRIANGLE
- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

AtkinsRéalis
DUBLIN | CORK | GALWAY | DUNDALK
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Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

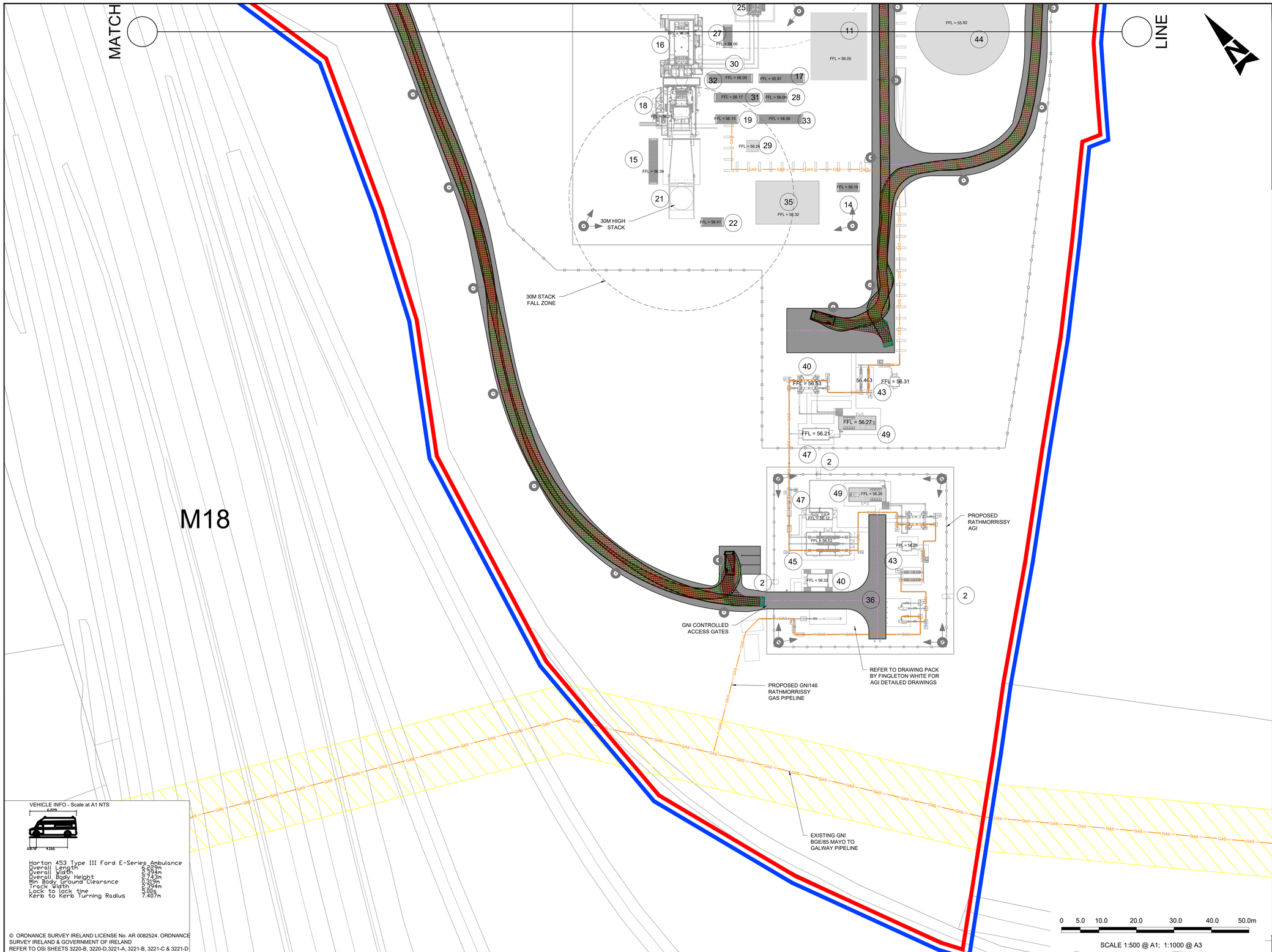
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Original Scale	Design/Drawn	Checked	Authorised
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Status	Drawing Number	Rev
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File: PEK3-ATK-ZZ-01-DR-CE-901200.dwg Date: Jan 29, 2026 - 4:33pm Plotted by: SHERBAIN

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A1

0 10 100

DO NOT SCALE

File: PEK3-ATK-ZZ-01-DR-CE-901201-901203.dwg Date: Jan 29, 2026 - 4:34pm Plotted by: SHER8400

GENERAL NOTES

1. ALL DIMENSIONS ARE IN METERS UNLESS NOTED OTHERWISE
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3. ALL LEVELS ARE IN METERS AND ARE TO MALIN HEAD DATUM
4. ALL COORDINATES ARE IN METERS AND ARE TO IRISH TRANSVERSE MERCATOR
5. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION
6. THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSES OF THE PLANNING APPLICATION AND IS SUBJECT TO DETAILED DESIGN.

KEY TABLE

1	ADMINISTRATION BUILDING SUBSTATION
2	AGI PEDESTRIAN ACCESS GATE
3	UNDERGROUND WASTEWATER TREATMENT PLANT
4	ADMINISTRATION BUILDING
5	WORKSHOP BUILDING
6	MAINTENANCE LAY DOWN AREA
7	MAIN ENTRANCE GATES
8	EMERGENCY ACCESS GATES
9	FUEL TANK - CAPACITY 2x3502cu.m 20MØ 11.1m HIGH
10	FUEL TANK BUND - 2.5m HIGH
11	ELECTRICAL CONTROL BUILDING
12	DEMIN TANK PUMP SKID
13	SERVICE WATER PUMP SKID
14	EMERGENCY DIESEL GENERATOR
15	CO2 FIRE FIGHTING SKID
16	GENERATOR
17	COMPRESSOR CLEANING SKID AND TANKS
18	TURBINE
19	FUEL GAS SUPPLY SYSTEM SKID
20	--ITEM NUMBER NOT USED INTENTIONALLY--
21	TURBINE EXHAUST STACK
22	CONTINUOUS EMMISSIONS MONITORING UNIT
23	--ITEM NUMBER NOT USED INTENTIONALLY--
24	--ITEM NUMBER NOT USED INTENTIONALLY--
25	UNIT AUIXILIARY TRANSFORMER (UAT)
26	GSU TRANSFORMER
27	AIR COOLING SKID
28	WATER SKID
29	PROPANE TANK
30	GENERATOR CIRCUIT BREAKER
31	OIL LUBE SKID
32	DUAL FUEL MODULE
33	COMPRESSED AIR SKID
34	--ITEM NUMBER NOT USED INTENTIONALLY--
35	FIN FAN COOLER
36	RATHMORRISSY AGI (DRAWING 2183-DG-1001)
37	FUEL FORWARDING & UNLOADING AREA
38	--ITEM NUMBER NOT USED INTENTIONALLY--
39	FIRE & SERVICE WATER TANK
40	ELECTRICAL AND INSTRUMENTATION KIOSK (DRAWING 2183-DG-1005)
41	FIRE WATER PUMP SKID
42	WATER TREATMENT PLANT
43	GAS ANALYSER KIOSK (DRAWING 2183-DG-1006)
44	DEMIN WATER TANK 7555M3 25MØ 15.4M HIGH
45	MAIN PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1002)
46	SOAKAWAY RETENTION POND
47	ANCILLARY PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1004)
48	UNDERGROUND 1087cu.m CONTAMINATED FIREWATER TANK
49	BOILER HOUSE KIOSK (DRAWING 2183-DG-1003)
50	DEMIN WASTE TANK - 10mØ 5m HIGH

VEHICLE INFO - Scale at A1 NTS

Horton 453 Type III Ford E-Series Ambulance

Overall Length	6.220m
Overall Width	2.393m
Overall Body Height	2.743m
Min Body Ground Clearance	0.413m
Track Width	1.994m
Lock to lock time	5.00s
Kerb to Kerb Turning Radius	7.407m

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REFER TO OSI SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- WAYLEAVE
- GAS HP — HIGH PRESSURE GAS LINE
- GAS LP — LOW PRESSURE GAS LINE

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: VEHICLE TRACKING AMBULANCE SHEET 01

Original Scale	Design/Drawn	Checked	Authorised
1:500 at A1	PS Date 01.12.25	ND Date 01.12.25	AJB Date 01.12.25

Status	Drawing Number	Rev
A2	PEK3-ATK-ZZ-01-DR-CE-901201	0

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0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

100 0 10

A1

DO NOT SCALE

EXISTING STONE WALL TO BE DEMOLISHED FOR ACCESS TO SITE

SUBSTATION TO BE SUBMITTED AS SEPARATE SID APPLICATION

M18

20Nr BICYCLE SPACES

FFL = 53.65

FFL = 54.50

FFL = 55.19

FFL = 55.38

FFL = 55.00

FFL = 55.00

FFL = 55.58

FFL = 54.87

FFL = 55.12

FFL = 55.19

FFL = 55.35

FFL = 55.60

FFL = 55.57

FFL = 55.82

FFL = 55.92

FFL = 56.05

FFL = 56.08

FFL = 56.00

FFL = 55.86

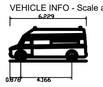
30m Tx CLEARANCE ZONE (COMBUSTABLE MATERIAL)

15M Tx CLEARANCE ZONE OF GSU TRANSFORMER

BS
DT/DEM
CT/VT
CB
VT
CT
SA

MATCH LINE

VEHICLE INFO - Scale at A1 NTS



Horton 453 Type III Ford E-Series Ambulance

Overall Length	6.229m
Overall Width	2.394m
Overall Body Height	2.743m
Min Body Ground Clearance	0.315m
Track Width	2.394m
Lock to lock time	5.00s
Kerb to Kerb Turning Radius	7.407m

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REFER TO OSi SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

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8	EMERGENCY ACCESS GATES
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12	DEMIN TANK PUMP SKID
13	SERVICE WATER PUMP SKID
14	EMERGENCY DIESEL GENERATOR
15	CO2 FIRE FIGHTING SKID
16	GENERATOR
17	COMPRESSOR CLEANING SKID AND TANKS
18	TURBINE
19	FUEL GAS SUPPLY SYSTEM SKID
20	--ITEM NUMBER NOT USED INTENTIONALLY--
21	TURBINE EXHAUST STACK
22	CONTINOUOUS EMMISSIONS MONITORING UNIT
23	--ITEM NUMBER NOT USED INTENTIONALLY--
24	--ITEM NUMBER NOT USED INTENTIONALLY--
25	UNIT AUIXILIARY TRANSFORMER (UAT)
26	GSU TRANSFORMER
27	AIR COOLING SKID
28	WATER SKID
29	PROPANE TANK
30	GENERATOR CIRCUIT BREAKER
31	OIL LUBE SKID
32	DUAL FUEL MODULE
33	COMPRESSED AIR SKID
34	--ITEM NUMBER NOT USED INTENTIONALLY--
35	FIN FAN COOLER
36	RATHMORRISSY AGI (DRAWING 2183-DG-1001)
37	FUEL FORWARDING & UNLOADING AREA
38	--ITEM NUMBER NOT USED INTENTIONALLY--
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40	ELECTRICAL AND INSTRUMENTATION KIOSK (DRAWING 2183-DG-1005)
41	FIRE WATER PUMP SKID
42	WATER TREATMENT PLANT
43	GAS ANALYSER KIOSK (DRAWING 2183-DG-1006)
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48	UNDERGROUND 1087cu.m CONTAMINATED FIREWATER TANK
49	BOILER HOUSE KIOSK (DRAWING 2183-DG-1003)
50	DEMIN WASTE TANK - 10mØ 5m HIGH

LEGEND

PROJECT BOUNDARY FOR PLANNING

LAND OWNERSHIP BOUNDARY

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: VEHICLE TRACKING AMBULANCE SHEET 02

Original Scale	Design/Drawn	Checked	Authorised
1:500 at A1	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status	Drawing Number	Rev
A2	PEK3-ATK-ZZ-01-DR-CE-901202	0

File: PEK3-ATK-ZZ-01-DR-CE-901201-901203.dwg
Date: Jan 29, 2026 - 4:34pm Plotted by: SHEEBAN00

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DO NOT SCALE

KEY TABLE

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2	AGI PEDESTRIAN ACCESS GATE
3	UNDERGROUND WASTEWATER TREATMENT PLANT
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22	CONTINUOUS EMMISSIONS MONITORING UNIT
23	--ITEM NUMBER NOT USED INTENTIONALLY--
24	--ITEM NUMBER NOT USED INTENTIONALLY--
25	UNIT AUXILIARY TRANSFORMER (UAT)
26	GSU TRANSFORMER
27	AIR COOLING SKID
28	WATER SKID
29	PROPANE TANK
30	GENERATOR CIRCUIT BREAKER
31	OIL LUBE SKID
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49	BOILER HOUSE KIOSK (DRAWING 2183-DG-1003)
50	DEMIN WASTE TANK - 10mØ 5m HIGH

M18

M18

30M HIGH STACK

15M TX CLEARANCE ZONE (COMBUSTIBLE MATERIALS)

30m TX CLEARANCE ZONE (COMBUSTIBLE MATERIALS)

SUBSTATION TO BE DESIGNED SEPARATE EIS APPLICATION

ON CONTROLLED ACCESS GATES

PROPOSED GDN 46 BAR HIGH PRESSURE GAS PIPELINE

EXISTING GDN 50 BAR GALWAY PIPELINE

REFER TO DRAWING PACK BY FINGLETON WHITE FOR AGI DETAILED DRAWINGS

PROPOSED RATHMORRISSY AGI

200M SPACES

EXISTING STONE WALL DEMOLISHED FOR ACCESS TO SITE

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A0 1:1000 @ A1

GENERAL NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE
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VEHICLE INFO - Scale at A1 NTS

Horton 453 Type III Ford E-Series Ambulance

Overall Length	7.025m
Overall Width	2.393m
Overall Body Height	2.743m
Min Body Ground Clearance	0.305m
Track	2.004m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	7.407m

LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- WAYLEAVE
- GAS H — HIGH PRESSURE GAS LINE
- GAS M — LOW PRESSURE GAS LINE

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

AtkinsRéalis
DUBLIN | CORK | GALWAY | DUNDALK
ATKINS HOUSE,150 AIRSIDE BUSINESS PARK, SWORDS, DUBLIN, K67 KSW4.
Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: VEHICLE TRACKING AMBULANCE SHEET 03

Original Scale	Design/Draw	Checked	Authorised
1:500 at A0	PS Date 01.12.25	ND Date 01.12.25	AJB Date 01.12.25

Status	Drawing Number	Rev
A2	PEK3-ATK-ZZ-01-DR-CE-901203	0

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MATCH LINE

M18

30M HIGH STACK

30M STACK FALL ZONE

GNI CONTROLLED ACCESS GATES

PROPOSED RATHMORRISSY AGI

REFER TO DRAWING PACK BY FINGLETON WHITE FOR AGI DETAILED DRAWINGS

PROPOSED GNI146 RATHMORRISSY GAS PIPELINE

EXISTING GNI BGE/85 MAYO TO GALWAY PIPELINE

FFL = 55.92

FFL = 56.05

FFL = 56.00

FFL = 55.97

FFL = 56.17

FFL = 56.08

FFL = 56.13

FFL = 56.06

FFL = 56.24

FFL = 56.39

FFL = 56.19

FFL = 56.32

FFL = 56.41

FFL = 56.53

56.463

FFL = 56.31

FFL = 56.27

FFL = 56.21

FFL = 56.28

FFL = 56.12

FFL = 59.92

FFL = 54.29

FFL = 56.32

GAS

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

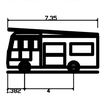
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KEY TABLE

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7	MAIN ENTRANCE GATES
8	EMERGENCY ACCESS GATES
9	FUEL TANK - CAPACITY 2x3502cu.m 20MØ 11.1m HIGH
10	FUEL TANK BUND - 2.5m HIGH
11	ELECTRICAL CONTROL BUILDING
12	DEMIN TANK PUMP SKID
13	SERVICE WATER PUMP SKID
14	EMERGENCY DIESEL GENERATOR
15	CO2 FIRE FIGHTING SKID
16	GENERATOR
17	COMPRESSOR CLEANING SKID AND TANKS
18	TURBINE
19	FUEL GAS SUPPLY SYSTEM SKID
20	--ITEM NUMBER NOT USED INTENTIONALLY--
21	TURBINE EXHAUST STACK
22	CONTINUOUS EMMISSIONS MONITORING UNIT
23	--ITEM NUMBER NOT USED INTENTIONALLY--
24	--ITEM NUMBER NOT USED INTENTIONALLY--
25	UNIT AUIXILIARY TRANSFORMER (UAT)
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50	DEMIN WASTE TANK - 10mØ 5m HIGH

VEHICLE INFO - Scale at A1 NTS



Dennis Sabre Fire Tender (MWB)

Overall Length	7.350m
Overall Width	2.430m
Overall Body Height	3.350m
Min Body Ground Clearance	0.397m
Track Width	2.380m
Lock to lock time	5.05s
Kerb to Kerb Turning Radius	7.100m

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REFER TO OSI SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- WAYLEAVE
- GAS — HIGH PRESSURE GAS LINE
- GAS — LOW PRESSURE GAS LINE

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: VEHICLE TRACKING FIRE TENDER SHEET 01

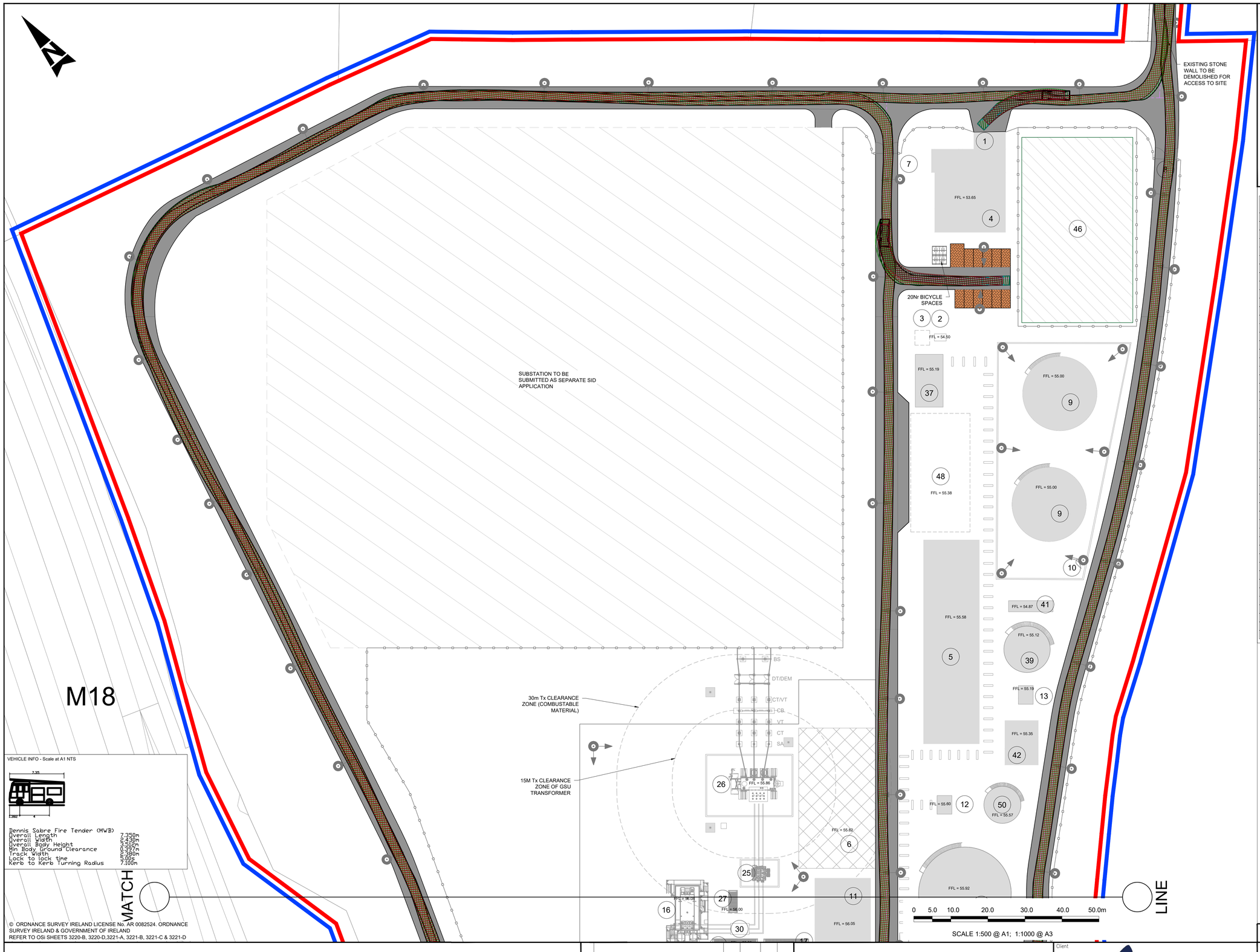
Original Scale	Design/Drawn	Checked	Authorised
1:500 at A1	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status	Drawing Number	Rev
A2	PEK3-ATK-ZZ-01-DR-CE-901204	0

A1 DO NOT SCALE

File: PEK3-ATK-ZZ-01-DR-CE-901204-901206.dwg Date: Jan 29, 2026 - 4:35pm Plotted by: SHEPB400

P:\IEDBA\Project-Data\0114485\6 Dwgs-Graphics\61 AutoCad\PEK3-ATK-ZZ-01-DRAWINGS\PEK3-ATK-ZZ-01-DR-CE-901204-901206.dwg



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41	FIRE WATER PUMP SKID
42	WATER TREATMENT PLANT
43	GAS ANALYSER KIOSK (DRAWING 2183-DG-1006)
44	DEMIN WATER TANK 7555M3 25MØ 15.4M HIGH
45	MAIN PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1002)
46	SOAKAWAY RETENTION POND
47	ANCILLARY PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1004)
48	UNDERGROUND 1087cu.m CONTAMINATED FIREWATER TANK
49	BOILER HOUSE KIOSK (DRAWING 2183-DG-1003)
50	DEMIN WASTE TANK - 10mØ 5m HIGH

VEHICLE INFO - Scale at A1 NTS

Dennis Sabre Fire Tender (MWB)

Overall Length	7.350m
Overall Width	2.438m
Overall Body Height	3.415m
Min Body Ground Clearance	0.397m
Track Width	2.380m
Lock to lock time	5.00s
Kerb to Kerb Turning Radius	7.100m

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REFER TO OSi SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: VEHICLE TRACKING FIRE TENDER SHEET 02

Original Scale	Design/Drawn	Checked	Authorised
1:500 at A1	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status	Drawing Number	Rev
A2	PEK3-ATK-ZZ-01-DR-CE-901205	0

A1 DO NOT SCALE

File: PEK3-ATK-ZZ-01-DR-CE-901204-901206.dwg
Date: Jan 29, 2026 - 4:35pm Plotted by: SHERBAKOO

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DO NOT SCALE

KEY TABLE

1	ADMINISTRATION BUILDING SUBSTATION
2	AGI PEDESTRIAN ACCESS GATE
3	UNDERGROUND WASTEWATER TREATMENT PLANT
4	ADMINISTRATION BUILDING
5	WORKSHOP BUILDING
6	MAINTENANCE LAY DOWN AREA
7	MAIN ENTRANCE GATES
8	EMERGENCY ACCESS GATES
9	FUEL TANK - CAPACITY 2x3502cu.m 20MØ 11.1m HIGH
10	FUEL TANK BUND - 2.5m HIGH
11	ELECTRICAL CONTROL BUILDING
12	DEMIN TANK PUMP SKID
13	SERVICE WATER PUMP SKID
14	EMERGENCY DIESEL GENERATOR
15	CO2 FIRE FIGHTING SKID
16	GENERATOR
17	COMPRESSOR CLEANING SKID AND TANKS
18	TURBINE
19	FUEL GAS SUPPLY SYSTEM SKID
20	--ITEM NUMBER NOT USED INTENTIONALLY--
21	TURBINE EXHAUST STACK
22	CONTINUOUS EMMISSIONS MONITORING UNIT
23	--ITEM NUMBER NOT USED INTENTIONALLY--
24	--ITEM NUMBER NOT USED INTENTIONALLY--
25	UNIT AUXILIARY TRANSFORMER (UAT)
26	GSU TRANSFORMER
27	AIR COOLING SKID
28	WATER SKID
29	PROPANE TANK
30	GENERATOR CIRCUIT BREAKER
31	OIL LUBE SKID
32	DUAL FUEL MODULE
33	COMPRESSED AIR SKID
34	--ITEM NUMBER NOT USED INTENTIONALLY--
35	FIN FAN COOLER
36	RATHMORRISSY AGI (DRAWING 2183-DG-1001)
37	FUEL FORWARDING & UNLOADING AREA
38	--ITEM NUMBER NOT USED INTENTIONALLY--
39	FIRE & SERVICE WATER TANK
40	ELECTRICAL AND INSTRUMENTATION KIOSK (DRAWING 2183-DG-1005)
41	FIRE WATER PUMP SKID
42	WATER TREATMENT PLANT
43	GAS ANALYSER KIOSK (DRAWING 2183-DG-1006)
44	DEMIN WATER TANK 7555M3 25MØ 15.4M HIGH
45	MAIN PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1002)
46	SOAKAWAY RETENTION POND
47	ANCILLARY PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1004)
48	UNDERGROUND 1087cu.m CONTAMINATED FIREWATER TANK
49	BOILER HOUSE KIOSK (DRAWING 2183-DG-1003)
50	DEMIN WASTE TANK - 10mØ 5m HIGH

M18

M18

30M HIGH STACK

15M TX CLEARANCE ZONE (COMBUSTIBLE MATERIALS)

30m TX CLEARANCE ZONE (COMBUSTIBLE MATERIALS)

SUBSTATION TO BE DESIGNED UNDER SEPARATE SID APPLICATION

ON CONTROLLED ACCESS GATES

PROPOSED DN146 HIGH PRESSURE GAS PIPELINE

EXISTING DN 750 GALWAY PIPELINE

REFER TO DRAWING PACK BY FINGLETON WHITE FOR AGI DETAILED DRAWINGS

RATHMORRISSY AGI

EXISTING STONE WALL TO BE DEMOLISHED FOR ACCESS TO SITE

20M SPACES

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A0 1:1000 @ A1

VEHICLE INFO - Scale at A1 NTS



Dennis Sabre Fire Tender (MWB)
Overall Length 7.350m
Overall Width 2.500m
Overall Body Height 3.057m
Min Body Ground Clearance 0.297m
Track Width 2.050m
Lock to lock time 4.00s
Kerb to Kerb Turning Radius 7.100m

LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- WAYLEAVE
- GAS HP — HIGH PRESSURE GAS LINE
- GAS LP — LOW PRESSURE GAS LINE

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
6. THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSES OF THE PLANNING APPLICATION AND IS SUBJECT TO DETAILED DESIGN

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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

Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway.

Purpose: PLANNING

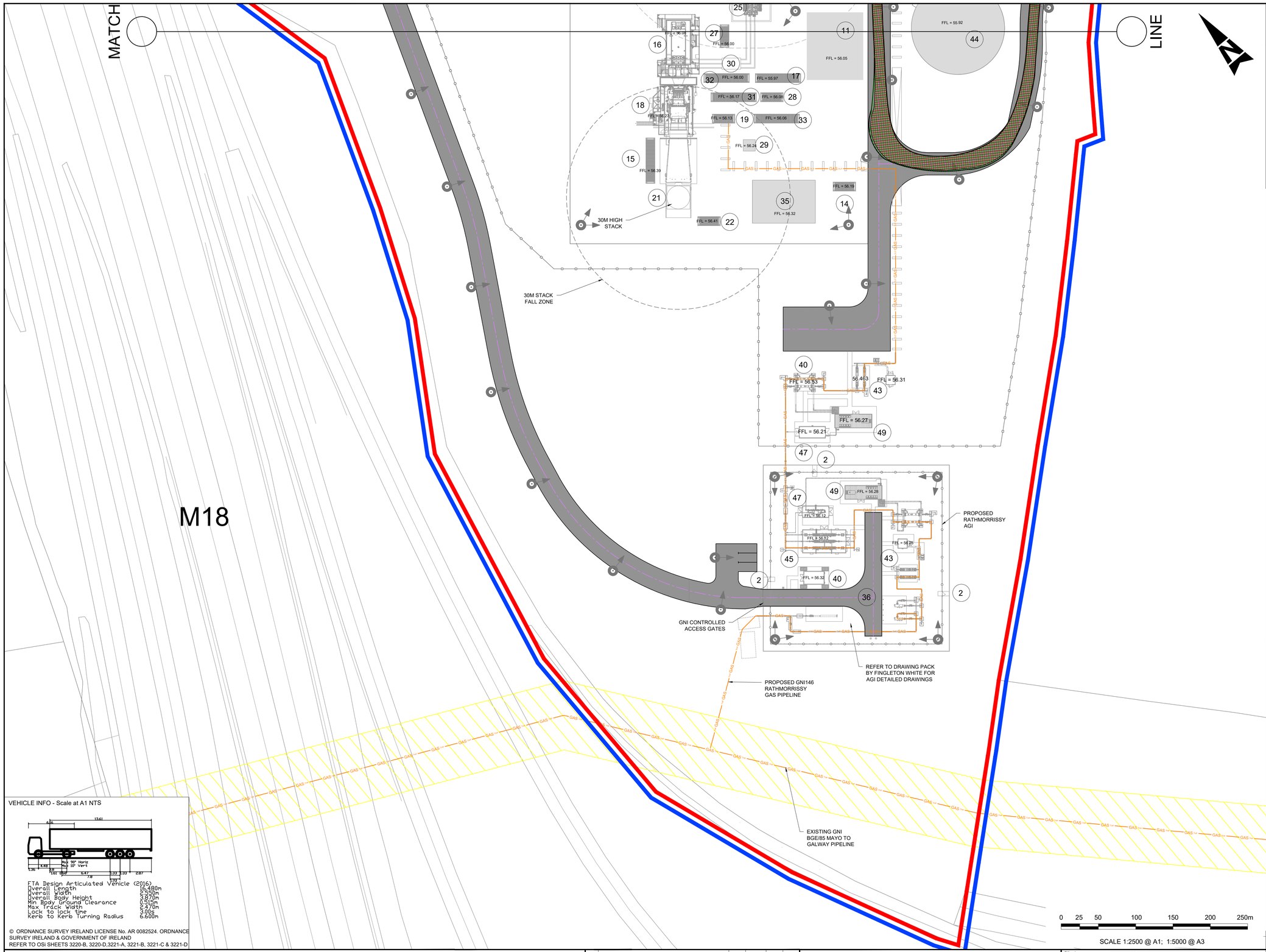
Title: VEHICLE TRACKING FIRE TENDER SHEET 03

Original Scale	Design/Draw	Checked	Authorised
1:500 at A0	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status	Drawing Number	Rev
A2	PEK3-ATK-ZZ-01-DR-CE-901206	0

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RTEXT: file open error



GENERAL NOTES

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KEY TABLE

1	ADMINISTRATION BUILDING SUBSTATION
2	AGI PEDESTRIAN ACCESS GATE
3	UNDERGROUND WASTEWATER TREATMENT PLANT
4	ADMINISTRATION BUILDING
5	WORKSHOP BUILDING
6	MAINTENANCE LAY DOWN AREA
7	MAIN ENTRANCE GATES
8	EMERGENCY ACCESS GATES
9	FUEL TANK - CAPACITY 2x3502cu.m 20MØ 11.1m HIGH
10	FUEL TANK BUND - 2.5m HIGH
11	ELECTRICAL CONTROL BUILDING
12	DEMIN TANK PUMP SKID
13	SERVICE WATER PUMP SKID
14	EMERGENCY DIESEL GENERATOR
15	CO2 FIRE FIGHTING SKID
16	GENERATOR
17	COMPRESSOR CLEANING SKID AND TANKS
18	TURBINE
19	FUEL GAS SUPPLY SYSTEM SKID
20	--ITEM NUMBER NOT USED INTENTIONALLY--
21	TURBINE EXHAUST STACK
22	CONTINUOUS EMMISSIONS MONITORING UNIT
23	--ITEM NUMBER NOT USED INTENTIONALLY--
24	--ITEM NUMBER NOT USED INTENTIONALLY--
25	UNIT AUIXILIARY TRANSFORMER (UAT)
26	GSU TRANSFORMER
27	AIR COOLING SKID
28	WATER SKID
29	PROPANE TANK
30	GENERATOR CIRCUIT BREAKER
31	OIL LUBE SKID
32	DUAL FUEL MODULE
33	COMPRESSED AIR SKID
34	--ITEM NUMBER NOT USED INTENTIONALLY--
35	FIN FAN COOLER
36	RATHMORRISSY AGI (DRAWING 2183-DG-1001)
37	FUEL FORWARDING & UNLOADING AREA
38	--ITEM NUMBER NOT USED INTENTIONALLY--
39	FIRE & SERVICE WATER TANK
40	ELECTRICAL AND INSTRUMENTATION KIOSK (DRAWING 2183-DG-1005)
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44	DEMIN WATER TANK 7555M3 25MØ 15.4M HIGH
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46	SOAKAWAY RETENTION POND
47	ANCILLARY PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1004)
48	UNDERGROUND 1087cu.m CONTAMINATED FIREWATER TANK
49	BOILER HOUSE KIOSK (DRAWING 2183-DG-1003)
50	DEMIN WASTE TANK - 10mØ 5m HIGH

VEHICLE INFO - Scale at A1 NTS

FTA Design Articulated Vehicle (2016)

Overall Length	16.480m
Overall Width	2.550m
Overall Body Height	3.870m
Min. Body Ground Clearance	0.915m
Max Track Width	2.370m
Lock to lock time	2.00s
Kerb to Kerb Turning Radius	6.600m

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REFER TO OSi SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

0 25 50 100 150 200 250m

SCALE 1:2500 @ A1; 1:5000 @ A3

LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- WAYLEAVE
- GAS — HIGH PRESSURE GAS LINE
- GAS — LOW PRESSURE GAS LINE

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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

Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: VEHICLE TRACKING HGV SHEET 01

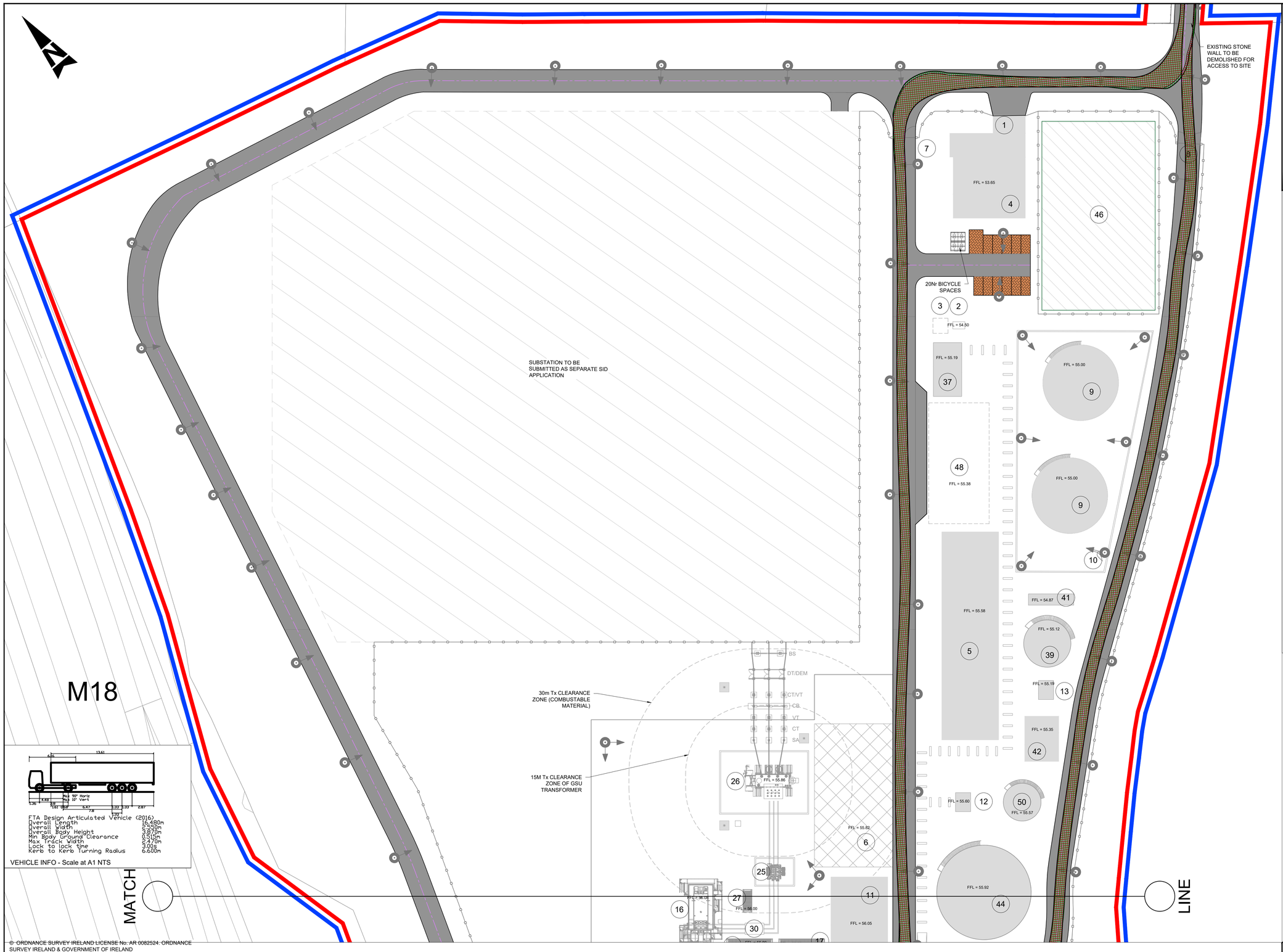
Original Scale	Design/Drawn	Checked	Authorised
1:500 at A1	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status: A2 | Drawing Number: PEK3-ATK-ZZ-01-DR-CE-901207 | Rev: 0

A1 DO NOT SCALE

File: PEK3-ATK-ZZ-01-DR-CE-901207-901209.dwg Plotted by: SHERBAKOV
Date: Jan 29, 2026 - 4:35pm

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FTA Design Articulated Vehicle (2016)

Overall Length	16.480m
Overall Width	2.550m
Overall Body Height	3.870m
Min Body Ground Clearance	0.515m
Max Track Width	2.570m
Lock to lock time	3.00s
Kerb to Kerb Turning Radius	6.600m

VEHICLE INFO - Scale at A1 NTS

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REFER TO OSI SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

GENERAL NOTES

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6. THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSES OF THE PLANNING APPLICATION AND IS SUBJECT TO DETAILED DESIGN.

KEY TABLE

1	ADMINISTRATION BUILDING SUBSTATION
2	AGI PEDESTRIAN ACCESS GATE
3	UNDERGROUND WASTEWATER TREATMENT PLANT
4	ADMINISTRATION BUILDING
5	WORKSHOP BUILDING
6	MAINTENANCE LAY DOWN AREA
7	MAIN ENTRANCE GATES
8	EMERGENCY ACCESS GATES
9	FUEL TANK - CAPACITY 2x3502cu.m 20MØ 11.1m HIGH
10	FUEL TANK BUND - 2.5m HIGH
11	ELECTRICAL CONTROL BUILDING
12	DEMIN TANK PUMP SKID
13	SERVICE WATER PUMP SKID
14	EMERGENCY DIESEL GENERATOR
15	CO2 FIRE FIGHTING SKID
16	GENERATOR
17	COMPRESSOR CLEANING SKID AND TANKS
18	TURBINE
19	FUEL GAS SUPPLY SYSTEM SKID
20	--ITEM NUMBER NOT USED INTENTIONALLY--
21	TURBINE EXHAUST STACK
22	CONTINOUOUS EMMISSIONS MONITORING UNIT
23	--ITEM NUMBER NOT USED INTENTIONALLY--
24	--ITEM NUMBER NOT USED INTENTIONALLY--
25	UNIT AUIXILIARY TRANSFORMER (UAT)
26	GSU TRANSFORMER
27	AIR COOLING SKID
28	WATER SKID
29	PROPANE TANK
30	GENERATOR CIRCUIT BREAKER
31	OIL LUBE SKID
32	DUAL FUEL MODULE
33	COMPRESSED AIR SKID
34	--ITEM NUMBER NOT USED INTENTIONALLY--
35	FIN FAN COOLER
36	RATHMORRISSY AGI (DRAWING 2183-DG-1001)
37	FUEL FORWARDING & UNLOADING AREA
38	--ITEM NUMBER NOT USED INTENTIONALLY--
39	FIRE & SERVICE WATER TANK
40	ELECTRICAL AND INSTRUMENTATION KIOSK (DRAWING 2183-DG-1005)
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44	DEMIN WATER TANK 7555M3 25MØ 15.4M HIGH
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47	ANCILLARY PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1004)
48	UNDERGROUND 1087cu.m CONTAMINATED FIREWATER TANK
49	BOILER HOUSE KIOSK (DRAWING 2183-DG-1003)
50	DEMIN WASTE TANK - 10mØ 5m HIGH

LEGEND

PROJECT BOUNDARY FOR PLANNING

LAND OWNERSHIP BOUNDARY

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: VEHICLE TRACKING HGV SHEET 02

Original Scale	Design/Drawn	Checked	Authorised
1:500 at A1	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status	Drawing Number	Rev
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File: PEK3-ATK-ZZ-01-DR-CE-901207-901209.dwg
Date: Jan 29, 2026 - 4:35pm Plotted by: SHEHBAI00

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DO NOT SCALE

KEY TABLE

1	ADMINISTRATION BUILDING SUBSTATION
2	AGI PEDESTRIAN ACCESS GATE
3	UNDERGROUND WASTEWATER TREATMENT PLANT
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20	--ITEM NUMBER NOT USED INTENTIONALLY--
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31	OIL LUBE SKID
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36	RATHMORRISSY AGI (DRAWING 2183-DG-1001)
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49	BOILER HOUSE KIOSK (DRAWING 2183-DG-1003)
50	DEMIN WASTE TANK - 10mØ 5m HIGH

M18

M18

30M HIGH STACK

15M TX CLEARANCE ZONE (COMBUSTIBLE MATERIALS)

30m TX CLEARANCE ZONE (COMBUSTIBLE MATERIALS)

SUBSTATION TO BE DESIGNED SEPARATE EIS APPLICATION

ON CONTROLLED ACCESS GATES

PROPOSED 20M (W) WAYLEAVE FOR GAS PIPELINE

EXISTING 20M (W) WAYLEAVE FOR GALWAY PIPELINE

REFER TO DRAWING PACK BY PINGLETON WHITE FOR AGI DETAILED DRAWINGS

RATHMORRISSY AGI

20M ACCESS ROAD

EXISTING STONE WALL DEMOLISHED FOR ACCESS TO SITE

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A0 1:1000 @ A1

FTA Design Articulated Vehicle (2016)

Overall Length	16.480m
Overall Width	2.550m
Overall Body Height	3.700m
Min Body Ground Clearance	0.260m
Max Track Width	2.570m
Lock to lock time	7.90s
Kerb to Kerb Turning Radius	6.800m

VEHICLE INFO - Scale at A1 NTS

LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- WAYLEAVE
- GAS H/P — HIGH PRESSURE GAS LINE
- GAS M/P — LOW PRESSURE GAS LINE

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
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Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: VEHICLE TRACKING HGV SHEET 03

Original Scale	Design/Draw	Checked	Authorised
1:500 at A0	PS Date 01.12.25	ND Date 01.12.25	AJB Date 01.12.25

Status	Drawing Number	Rev
A2	PEK3-ATK-ZZ-01-DR-CE-901209	0

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A1

DO NOT SCALE

File: PEK3-ATK-ZZ-01-DR-CE-902700-902706.dwg
Date: Feb 06, 2026 - 3:02pm Plotted by: SHERBAOO

GENERAL NOTES

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N

DR-CE-902706

DR-CE-902705

DR-CE-902704

DR-CE-902703

DR-CE-902702

DR-CE-902701

MATCH LINE

M17

M18

0 25 50 100 150 200 250m

SCALE 1:2500 @ A1; 1:5000 @ A3

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REFER TO OSI SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- WAYLEAVE
- GAS — HIGH PRESSURE GAS LINE
- GAS — LOW PRESSURE GAS LINE

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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

Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

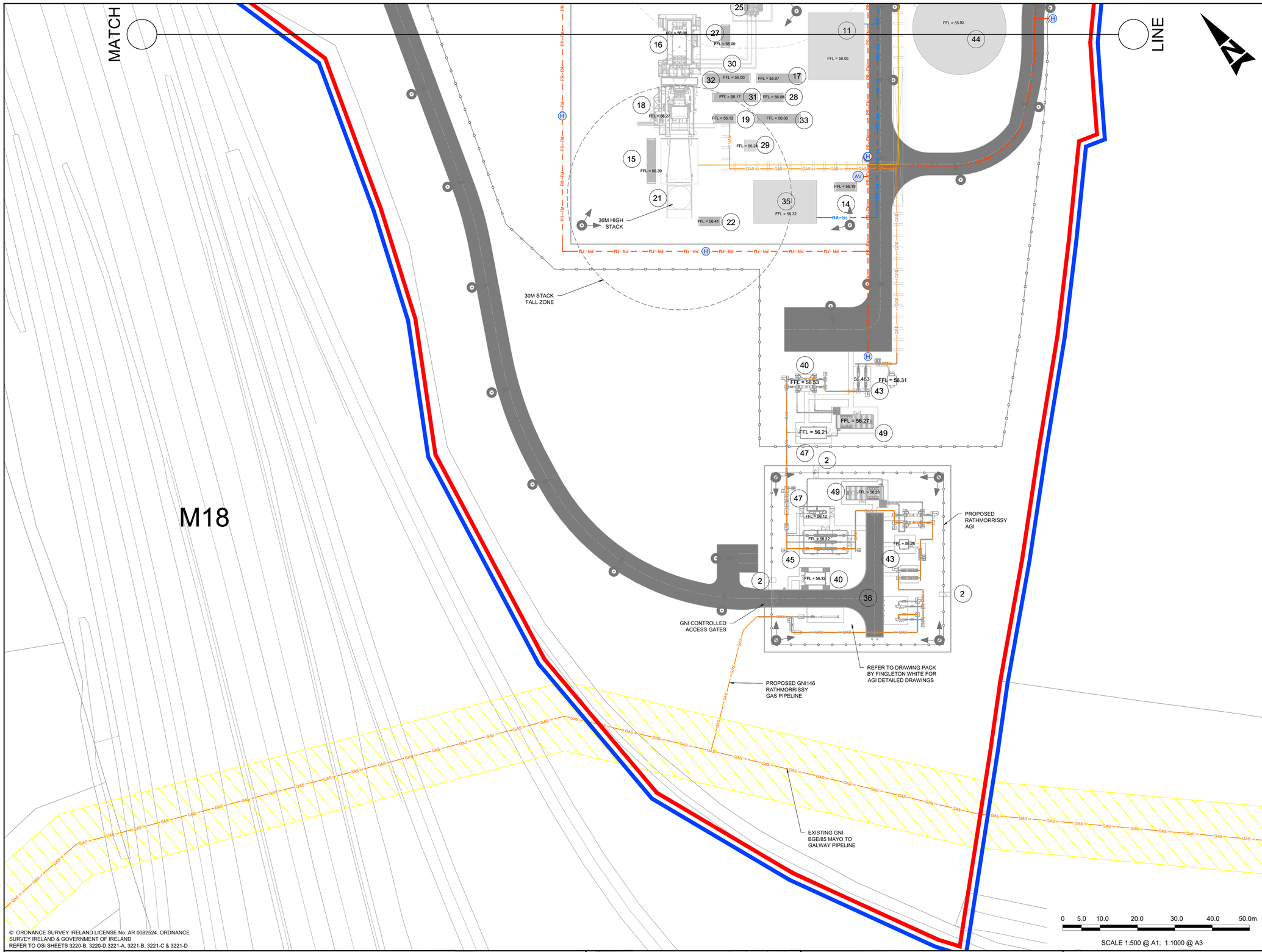
Purpose: PLANNING

Title: WATERMAINS LAYOUT KEYPLAN

Original Scale	Design/Drawn	Checked	Authorised
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Status	Drawing Number	Rev
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REFER TO OSi SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

GENERAL NOTES

1. ALL DIMENSIONS ARE IN METERS UNLESS NOTED OTHERWISE
2. ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS
3. ALL LEVELS ARE IN METERS AND ARE TO MALIN HEAD DATUM
4. ALL COORDINATES ARE IN METERS AND ARE TO IRISH TRANSVERSE MERCATOR
5. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION
6. THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSES OF THE PLANNING APPLICATION AND IS SUBJECT TO DETAILED DESIGN.

KEY TABLE

1	ADMINISTRATION BUILDING SUBSTATION
2	AGI PEDESTRIAN ACCESS GATE
3	UNDERGROUND WASTEWATER TREATMENT PLANT
4	ADMINISTRATION BUILDING
5	WORKSHOP BUILDING
6	MAINTENANCE LAY DOWN AREA
7	MAIN ENTRANCE GATES
8	EMERGENCY ACCESS GATES
9	FUEL TANK - CAPACITY 2x3502cu.m 20MØ 11.1m HIGH
10	FUEL TANK BUND - 2.5m HIGH
11	ELECTRICAL CONTROL BUILDING
12	DEMIN TANK PUMP SKID
13	SERVICE WATER PUMP SKID
14	EMERGENCY DIESEL GENERATOR
15	CO2 FIRE FIGHTING SKID
16	GENERATOR
17	COMPRESSOR CLEANING SKID AND TANKS
18	TURBINE
19	FUEL GAS SUPPLY SYSTEM SKID
20	--ITEM NUMBER NOT USED INTENTIONALLY--
21	TURBINE EXHAUST STACK
22	CONTINUOUS EMMISSIONS MONITORING UNIT
23	--ITEM NUMBER NOT USED INTENTIONALLY--
24	--ITEM NUMBER NOT USED INTENTIONALLY--
25	UNIT AUIXILIARY TRANSFORMER (UAT)
26	GSU TRANSFORMER
27	AIR COOLING SKID
28	WATER SKID
29	PROPANE TANK
30	GENERATOR CIRCUIT BREAKER
31	OIL LUBE SKID
32	DUAL FUEL MODULE
33	COMPRESSED AIR SKID
34	--ITEM NUMBER NOT USED INTENTIONALLY--
35	FIN FAN COOLER
36	RATHMORRISSY AGI (DRAWING 2183-DG-1001)
37	FUEL FORWARDING & UNLOADING AREA
38	--ITEM NUMBER NOT USED INTENTIONALLY--
39	FIRE & SERVICE WATER TANK
40	ELECTRICAL AND INSTRUMENTATION KIOSK (DRAWING 2183-DG-1005)
41	FIRE WATER PUMP SKID
42	WATER TREATMENT PLANT
43	GAS ANALYSER KIOSK (DRAWING 2183-DG-1006)
44	DEMIN WATER TANK 7555M3 25MØ 15.4M HIGH
45	MAIN PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1002)
46	SOAKAWAY RETENTION POND
47	ANCILLARY PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1004)
48	UNDERGROUND 1087cu.m CONTAMINATED FIREWATER TANK
49	BOILER HOUSE KIOSK (DRAWING 2183-DG-1003)
50	DEMIN WASTE TANK - 10mØ 5m HIGH

LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- SLEEPER / OH PIPE RACK
- PROPOSED STRUCTURES
- ATTENUATION POND / SOAKAWAY
- SETDOWN AREAS
- LIGHTNING MAST
- TELECOMMUNICATION MAST
- PR-WM — PROPOSED WATER MAIN SUPPLY 150mm DIAMETER
- SLUICE VALVE
- PR-FM — PROPOSED FIRE WATER MAIN SUPPLY 150mm DIAMETER
- PROPOSED DEMIN WATER SUPPLY
- H — PROPOSED FIRE HYDRANT
- AV — PROPOSED AIR VALVE
- SCV — PROPOSED SCOUR VALVE
- WAYLEAVE

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: WATERMAINS LAYOUT SHEET 01

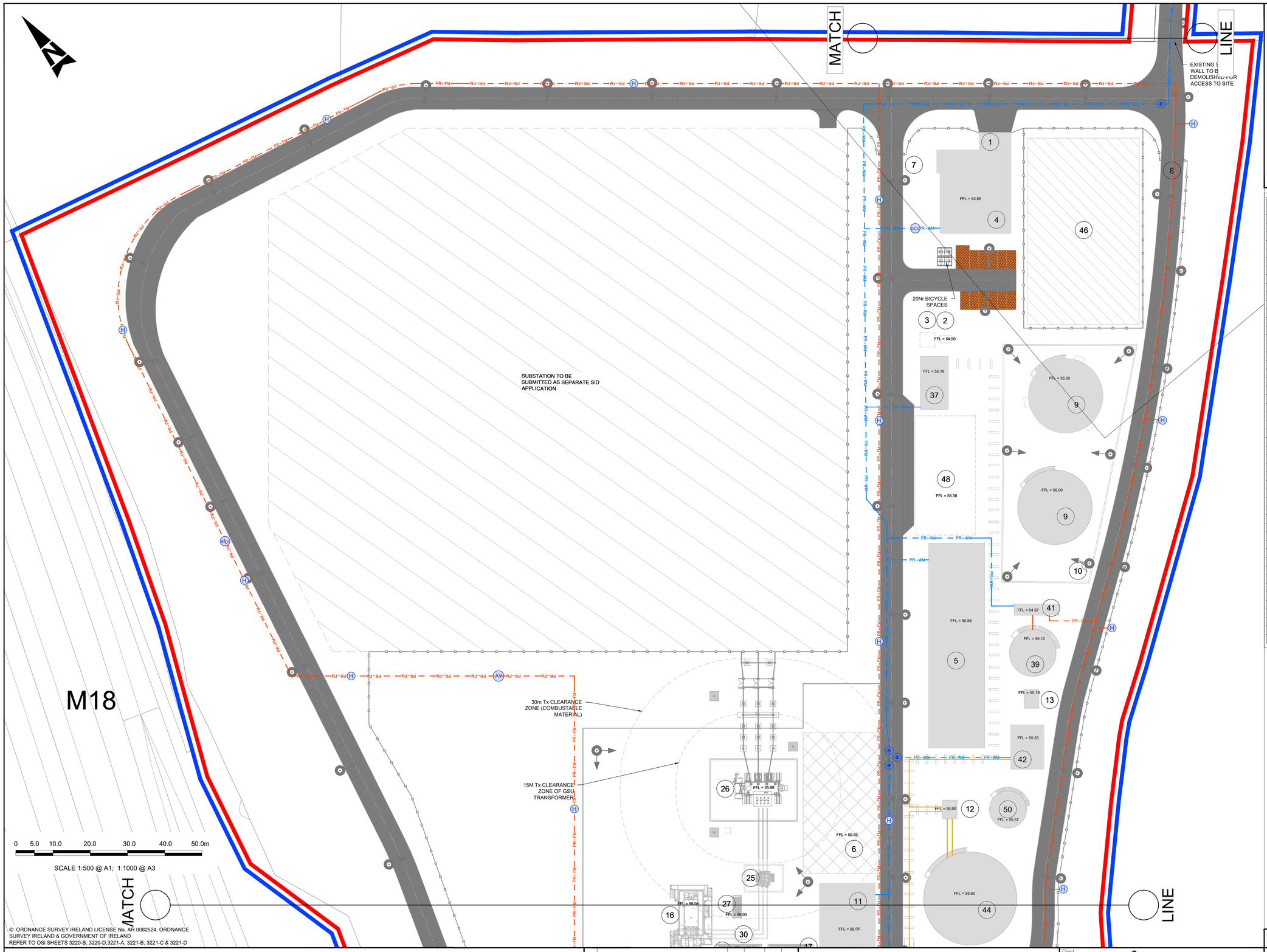
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Date: Jan 29, 2026 - 4:36pm Plotted by: SHEEBAN00

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KEY TABLE

1	ADMINISTRATION BUILDING SUBSTATION
2	AGI PEDESTRIAN ACCESS GATE
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15	CO2 FIRE FIGHTING SKID
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27	AIR COOLING SKID
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31	OIL LUBE SKID
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33	COMPRESSED AIR SKID
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36	RATHMORRISSY AGI (DRAWING 2183-DG-1001)
37	FUEL FORWARDING & UNLOADING AREA
38	--ITEM NUMBER NOT USED INTENTIONALLY--
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LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- SLEEPER / OH PIPE RACK
- PROPOSED STRUCTURES
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- PROPOSED DEMIN WATER SUPPLY
- H — PROPOSED FIRE HYDRANT
- AV — PROPOSED AIR VALVE
- SCV — PROPOSED SCOUR VALVE

A1

DO NOT SCALE

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Date: Jan 29, 2026 - 4:36pm Plotted by: SHEPHARD

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: WATERMAINS LAYOUT SHEET 02

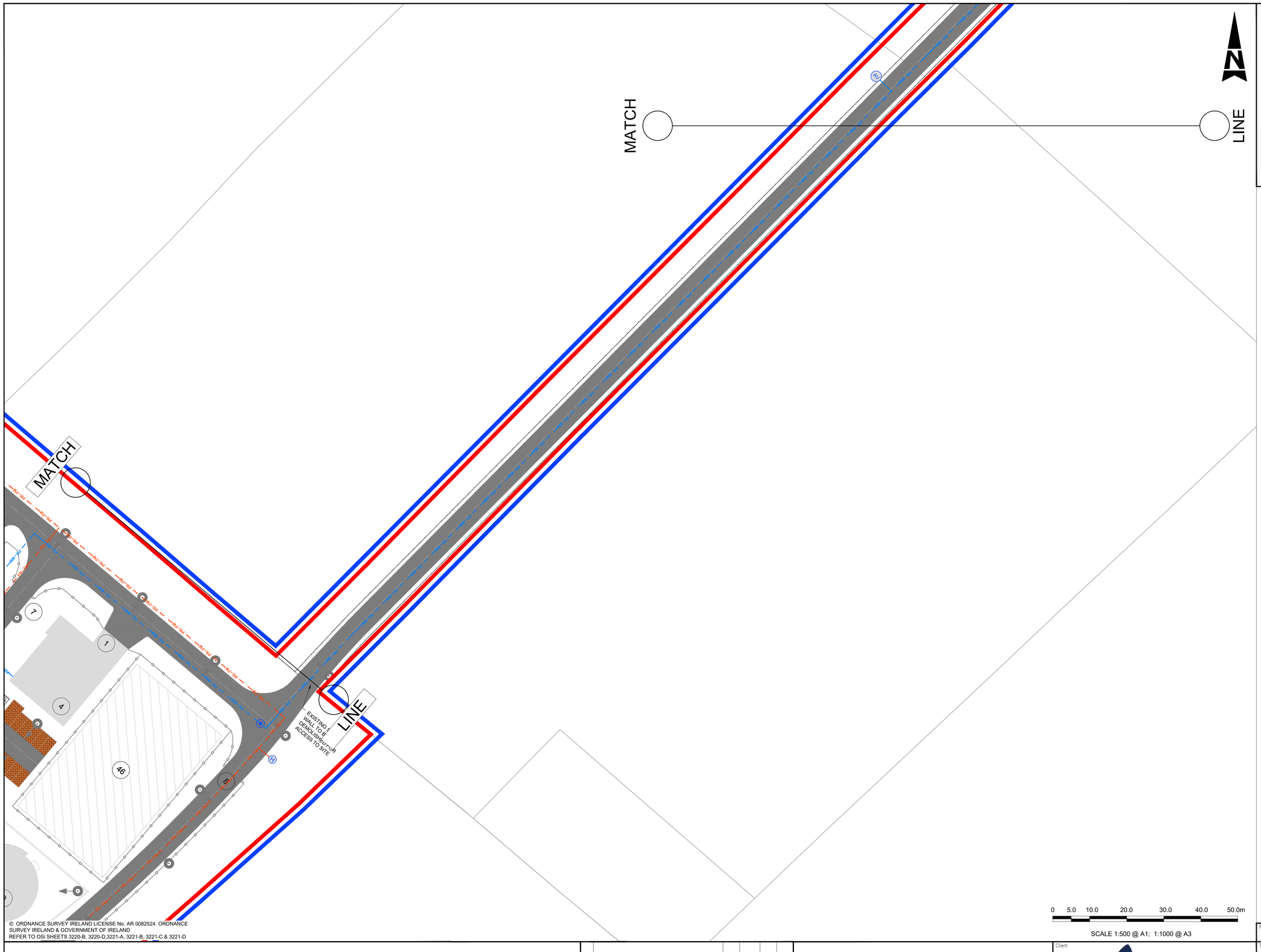
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GENERAL NOTES

1. ALL DIMENSIONS ARE IN METERS UNLESS NOTED OTHERWISE
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LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- PR-WM — PROPOSED WATERMAIN SUPPLY 150mm DIAMETER
- SLUICE VALVE
- PR-FM — PROPOSED FIRE WATER MAIN SUPPLY 150mm DIAMETER
- H — PROPOSED FIRE HYDRANT
- AV — PROPOSED AIR VALVE
- SCV — PROPOSED SCOUR VALVE

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SCALE 1:500 @ A1; 1:1000 @ A3

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: WATERMAINS LAYOUT SHEET 03

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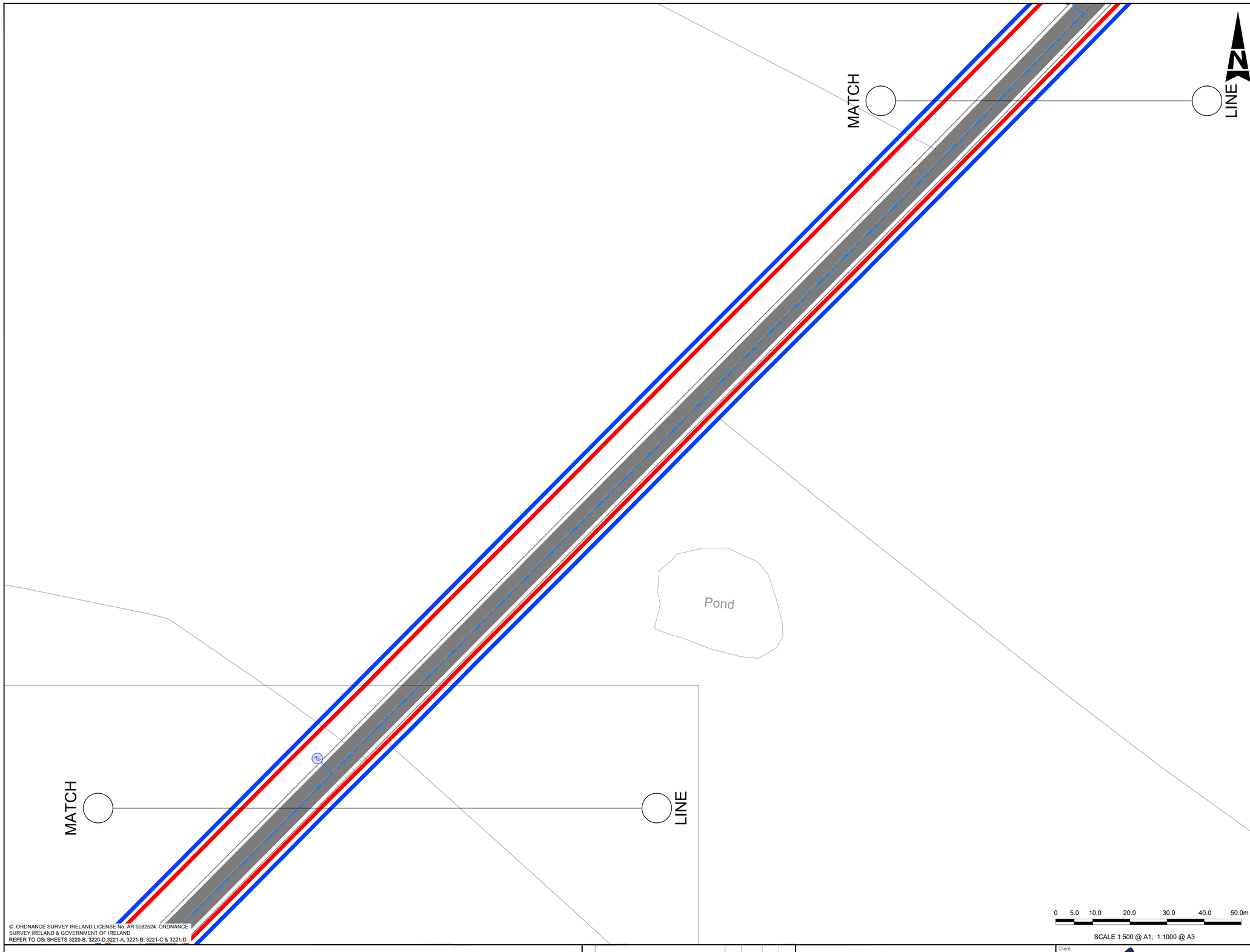
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Rev: 0

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LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- PR-WM PROPOSED WATERMAIN SUPPLY 150mm DIAMETER

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SCALE 1:500 @ A1; 1:1000 @ A3

Rev	Description	By	Date	Chk'd	Auth
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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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

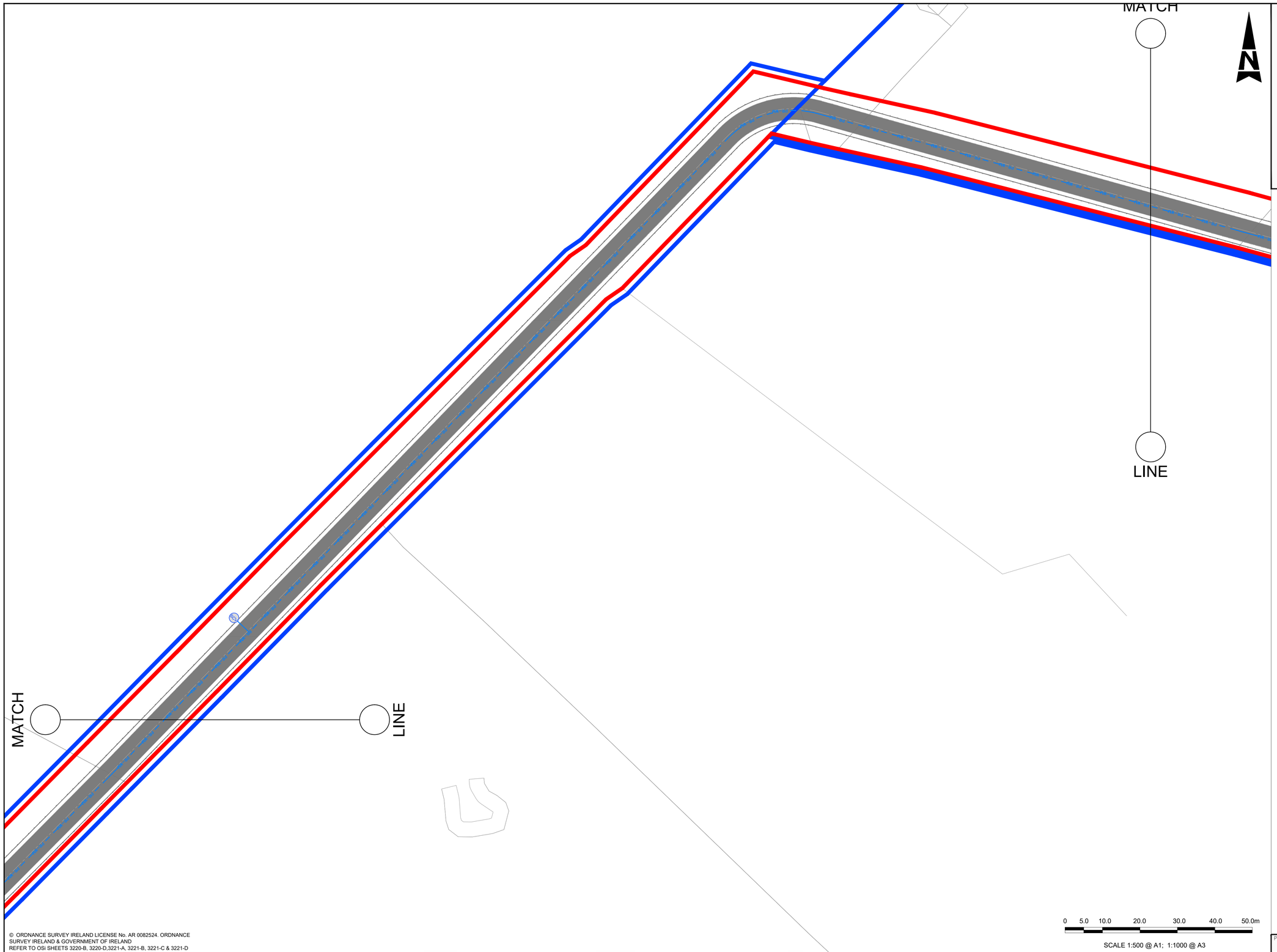
Title: WATERMAINS LAYOUT
SHEET 04

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LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- PR-WM — PROPOSED WATERMAIN SUPPLY 150mm DIAMETER

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SCALE 1:500 @ A1; 1:1000 @ A3

Rev	Description	By	Date	Chk'd	Auth
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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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: WATERMAINS LAYOUT SHEET 05

Original Scale	Design/Drawn	Checked	Authorised
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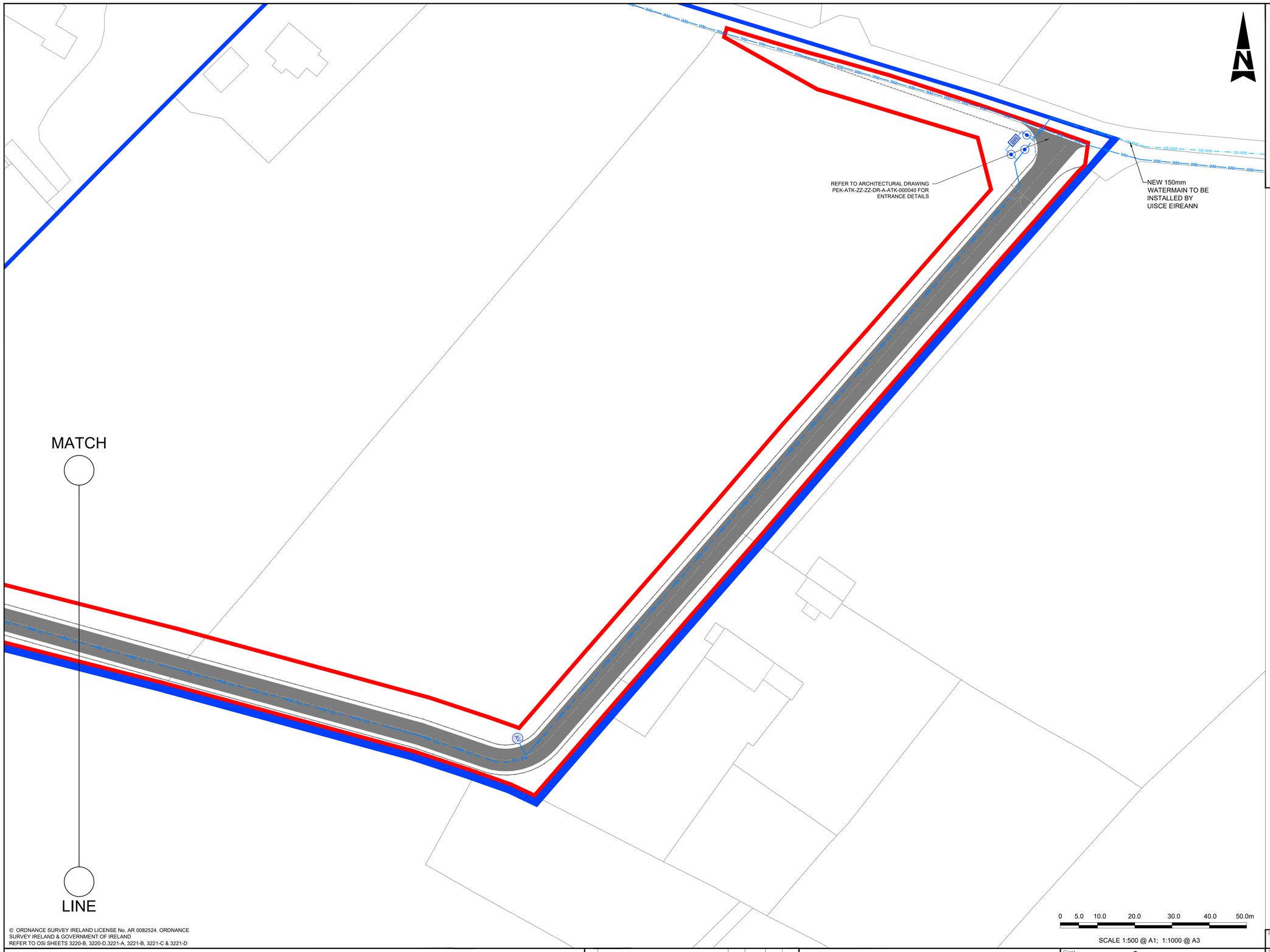
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MATCH

LINE



SCALE 1:500 @ A1; 1:1000 @ A3

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LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- PR-WM — PROPOSED WATERMAIN SUPPLY 150mm DIAMETER
- WM — WM — EXISTING WATERMAIN SUPPLY
- UE-WM — NEW 150mm WATERMAIN TO BE INSTALLED

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: WATERMAINS LAYOUT
SHEET 06

Original Scale	Design/Drawn	Checked	Authorised
1:500 at A1	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status	Drawing Number	Rev
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DO NOT SCALE

KEY TABLE

1	ADMINISTRATION BUILDING SUBSTATION
2	AGI PEDESTRIAN ACCESS GATE
3	UNDERGROUND WASTEWATER TREATMENT PLANT
4	ADMINISTRATION BUILDING
5	WORKSHOP BUILDING
6	MAINTENANCE LAY DOWN AREA
7	MAIN ENTRANCE GATES
8	EMERGENCY ACCESS GATES
9	FUEL TANK - CAPACITY 2x350Icu.m 20MØ 11.1m HIGH
10	FUEL TANK BUND - 2.5m HIGH
11	ELECTRICAL CONTROL BUILDING
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14	EMERGENCY DIESEL GENERATOR
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16	GENERATOR
17	COMPRESSOR CLEANING SKID AND TANKS
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19	FUEL GAS SUPPLY SYSTEM SKID
20	--ITEM NUMBER NOT USED INTENTIONALLY--
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30	GENERATOR CIRCUIT BREAKER
31	OIL LUBE SKID
32	DUAL FUEL MODULE
33	COMPRESSED AIR SKID
34	--ITEM NUMBER NOT USED INTENTIONALLY--
35	FIN FAN COOLER
36	RATHMORRISSY AGI (DRAWING 2183-DG-1001)
37	FUEL FORWARDING & UNLOADING AREA
38	--ITEM NUMBER NOT USED INTENTIONALLY--
39	FIRE & SERVICE WATER TANK
40	ELECTRICAL AND INSTRUMENTATION KIOSK (DRAWING 2183-DG-1005)
41	FIRE WATER PUMP SKID
42	WATER TREATMENT PLANT
43	GAS ANALYSER KIOSK (DRAWING 2183-DG-1006)
44	DEMIN WATER TANK 7555M3 25MØ 15.4M HIGH
45	MAIN PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1002)
46	SOAKAWAY RETENTION POND
47	ANCILLARY PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1004)
48	UNDERGROUND 1087cu.m CONTAMINATED FIREWATER TANK
49	BOILER HOUSE KIOSK (DRAWING 2183-DG-1003)
50	DEMIN WASTE TANK - 10mØ 5m HIGH

GENERAL NOTES

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LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- SLEEPER / OH PIPE RACK
- PROPOSED STRUCTURES
- ATTENUATION POND / SOAKAWAY
- SETDOWN AREAS
- EXISTING SHEDS TO BE DEMOLISHED
- LIGHTNING MAST
- TELECOMMUNICATION MAST
- PROPOSED WATER MAIN SUPPLY 150mm DIAMETER
- SLUICE VALVE
- PROPOSED FIRE WATER MAIN SUPPLY 150mm DIAMETER
- PROPOSED DEMIN WATER SUPPLY
- PROPOSED FIRE HYDRANT
- WAYLEAVE

M18

PROPERTY BOUNDARY FENCE
PALISADE FENCE
SUBSTATION TO BE SUBMITTED AS SEPARATE SID APPLICATIO
30M STACK FALL ZONE
30M HIGH STACK
INTERFACE KIOSK
PROPOSED GNI146 RATHMORRISSY GAS PIPELINE
EXISTING SHEDS TO BE DEMOLISHED
GNI CONTROLLED ACCESS GATES
EXISTING GNI BGE/85 MAYO TO GALWAY PIPELINE
REFER TO DRAWING PACK BY FINGLETON WHITE FOR AGI DETAILED DRAWINGS
ACCESS TO LOCAL ROAD TO BE RETAINED
PROPOSED RATHMORRISSY AGI
EIRGRID COMPOUND
CUSTOMER COMPOUND
20N° BICYCLE SPACES
INCOMING LIISCE ÉIREANN WATERMAIN

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A0 1:1000 @ A1

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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ATKINS HOUSE,150 AIRSIDE BUSINESS PARK, SWORDS, DUBLIN, K67 K5W4.
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Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: WATERMAINS LAYOUT SHEET 07

Original Scale	Design/Drawn	Checked	Authorised
1:500 at A0	PS Date 01.12.25	ND Date 01.12.25	AJB Date 01.12.25

Status	Drawing Number	Rev
A2	PEK3-ATK-ZZ-01-DR-CE-902707	0

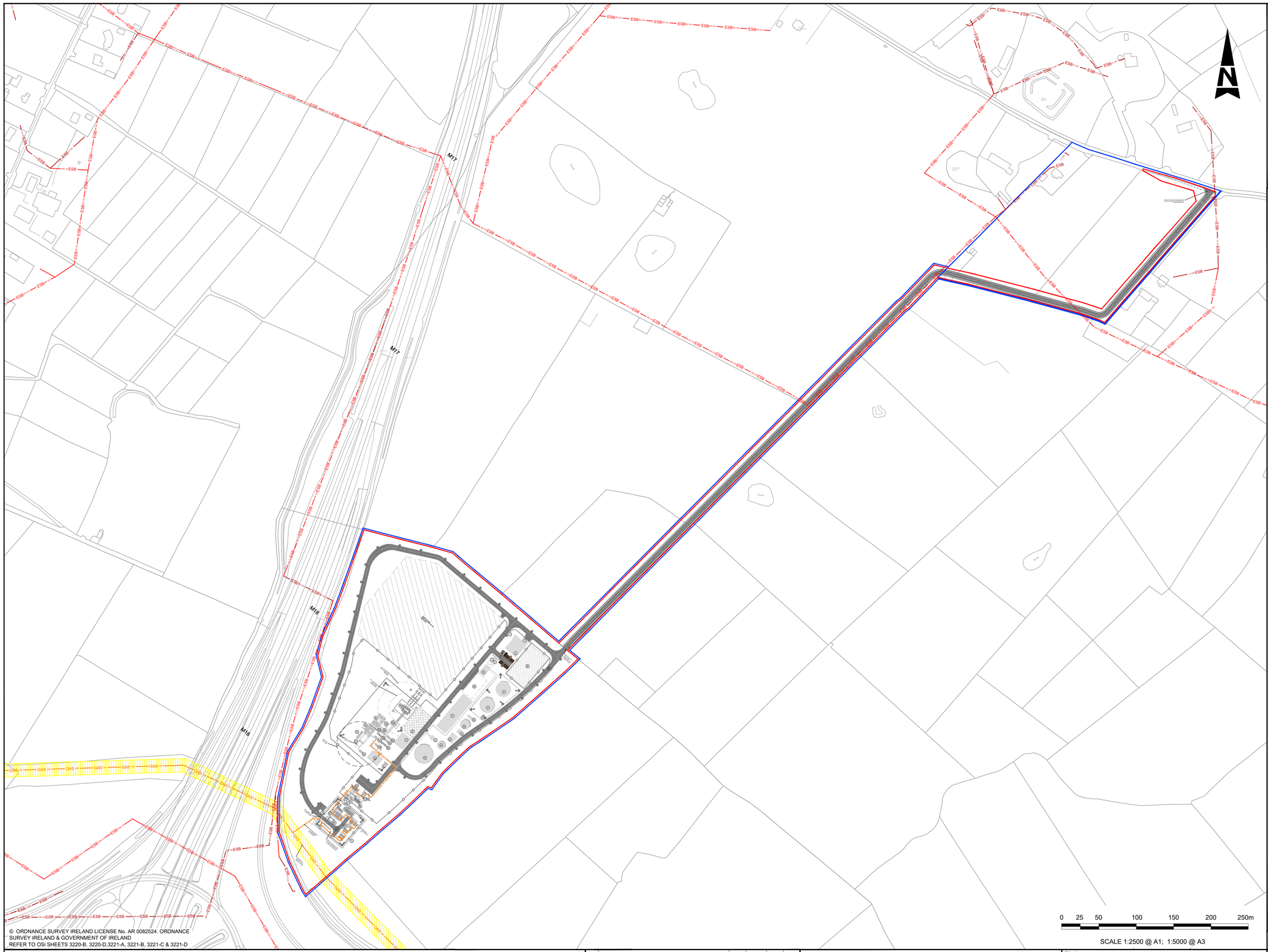
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100
0 10
A1

DO NOT SCALE

File: PEK3-ATK-ZZ-01-DR-CE-902711.dwg
Date: Jan 29, 2026 - 4:38pm
Plotted by: SHEEBAN00



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REFER TO OSi SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

SCALE 1:2500 @ A1; 1:5000 @ A3

GENERAL NOTES

1. ALL DIMENSIONS ARE IN METERS UNLESS NOTED OTHERWISE
2. ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS
3. ALL LEVELS ARE IN METERS AND ARE TO MALIN HEAD DATUM
4. ALL COORDINATES ARE IN METERS AND ARE TO IRISH TRANSVERSE MERCATOR
5. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION
6. THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSES OF THE PLANNING APPLICATION AND IS SUBJECT TO DETAILED DESIGN.

LEGEND:

- PROJECT BOUNDARY FOR PLANNING
- LAND OWNERSHIP BOUNDARY
- EXISTING ESB LV UNDERGROUND
- EXISTING ESB MV UNDERGROUND
- EXISTING ESB MV OVERHEAD
- EXISTING ESB 220kV OVERHEAD
- EXISTING GAS MAIN
- WAYLEAVE

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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

Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

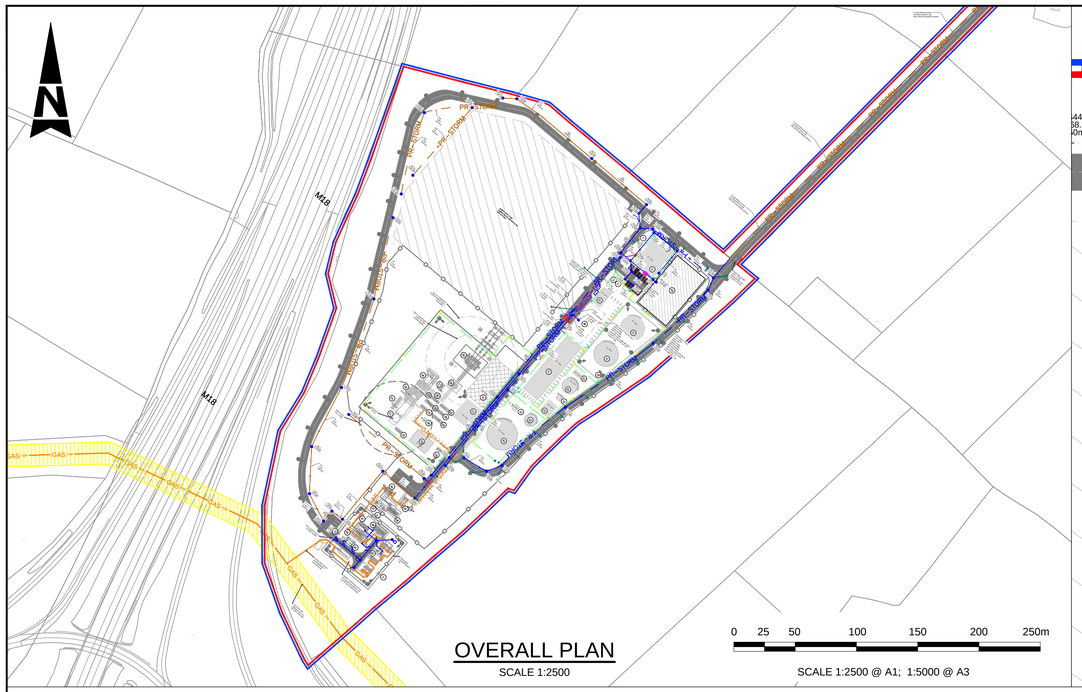
Purpose: PLANNING

Title: EXISTING ESB INFRASTRUCUTRE

Original Scale	Design/Drawn	Checked	Authorised
1:2500 at A1	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status	Drawing Number	Rev
A2	PEK3-ATK-ZZ-01-DR-CE-902711	0

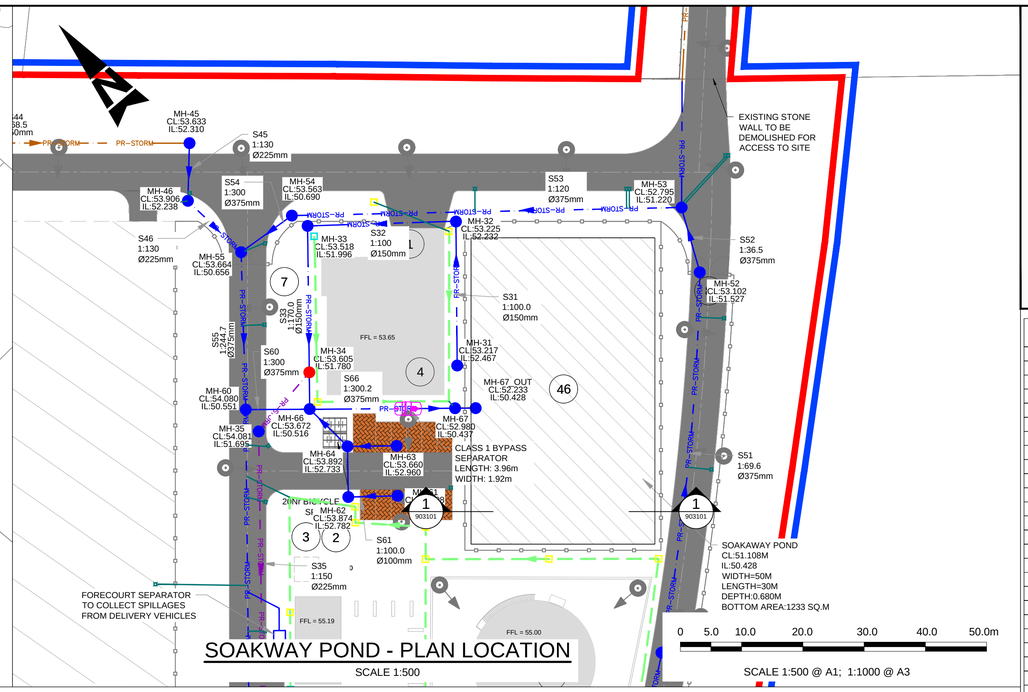
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OVERALL PLAN

SCALE 1:2500

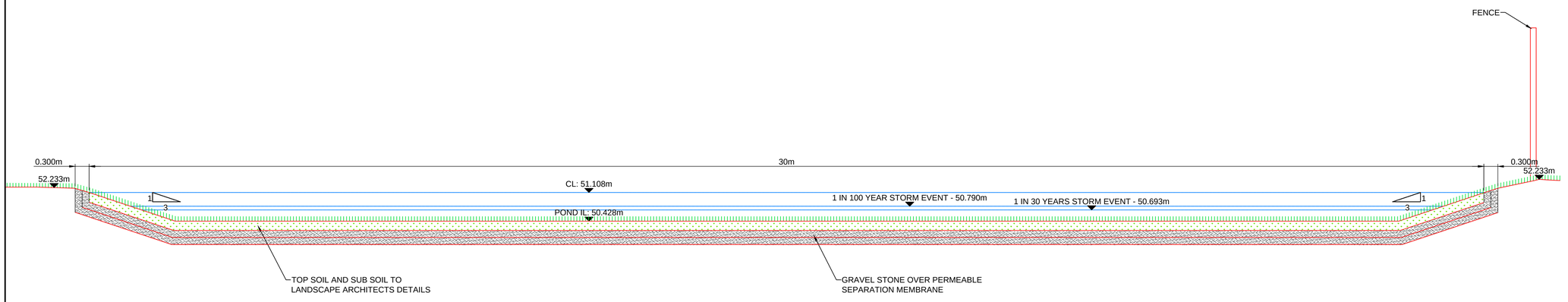
SCALE 1:2500 @ A1; 1:5000 @ A3



SOAKWAY POND - PLAN LOCATION

SCALE 1:500

SCALE 1:500 @ A1; 1:1000 @ A3



1 INFILTRATION POND - TYPICAL SECTION

903101

SCALE 1:50

SCALE 1:50 @ A1; 1:100 @ A3

0 0.5 1.0 2.0 3.0 4.0 5.0m

GENERAL NOTES

1. ALL DIMENSIONS ARE IN METERS UNLESS NOTED OTHERWISE
2. ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS
3. ALL LEVELS ARE IN METERS AND ARE TO MALIN HEAD DATUM
4. ALL COORDINATES ARE IN METERS AND ARE TO IRISH TRANSVERSE MERCATOR
5. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION
6. THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSES OF THE PLANNING APPLICATION AND IS SUBJECT TO DETAILED DESIGN.

KEY TABLE

1	ADMINISTRATION BUILDING SUBSTATION
2	AGI PEDESTRIAN ACCESS GATE
3	UNDERGROUND WASTEWATER TREATMENT PLANT
4	ADMINISTRATION BUILDING
5	WORKSHOP BUILDING
6	MAINTENANCE LAY DOWN AREA
7	MAIN ENTRANCE GATES
8	EMERGENCY ACCESS GATES
9	FUEL TANK - CAPACITY 2x3502cu.m 20MØ 11.1m HIGH
10	FUEL TANK BUND - 2.5m HIGH
11	ELECTRICAL CONTROL BUILDING
12	DEMIN TANK PUMP SKID
13	SERVICE WATER PUMP SKID
14	EMERGENCY DIESEL GENERATOR
15	CO2 FIRE FIGHTING SKID
16	GENERATOR
17	COMPRESSOR CLEANING SKID AND TANKS
18	TURBINE
19	FUEL GAS SUPPLY SYSTEM SKID
20	--ITEM NUMBER NOT USED INTENTIONALLY--
21	TURBINE EXHAUST STACK
22	CONTINOUOUS EMMISSIONS MONITORING UNIT
23	--ITEM NUMBER NOT USED INTENTIONALLY--
24	--ITEM NUMBER NOT USED INTENTIONALLY--
25	UNIT AUIXILIARY TRANSFORMER (UAT)
26	GSU TRANSFORMER
27	AIR COOLING SKID
28	WATER SKID
29	PROPANE TANK
30	GENERATOR CIRCUIT BREAKER
31	OIL LUBE SKID
32	DUAL FUEL MODULE
33	COMPRESSED AIR SKID
34	--ITEM NUMBER NOT USED INTENTIONALLY--
35	FIN FAN COOLER
36	RATHMORRISSY AGI (DRAWING 2183-DG-1001)
37	FUEL FORWARDING & UNLOADING AREA
38	--ITEM NUMBER NOT USED INTENTIONALLY--
39	FIRE & SERVICE WATER TANK
40	ELECTRICAL AND INSTRUMENTATION KIOSK (DRAWING 2183-DG-1005)
41	FIRE WATER PUMP SKID
42	WATER TREATMENT PLANT
43	GAS ANALYSER KIOSK (DRAWING 2183-DG-1006)
44	DEMIN WATER TANK 7555M3 25MØ 15.4M HIGH
45	MAIN PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1002)
46	SOAKAWAY RETENTION POND
47	ANCILLARY PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1004)
48	UNDERGROUND 1087cu.m CONTAMINATED FIREWATER TANK
49	BOILER HOUSE KIOSK (DRAWING 2183-DG-1003)
50	DEMIN WASTE TANK - 10mØ 5m HIGH

LEGEND

- PROJECT BOUNDARY FOR PLANNING
- LANDHOLDING BOUNDARY
- WAYLEAVE
- SLEEPER / OH PIPE RACK
- PROPOSED STRUCTURES
- ATTENUATION POND / SOAKAWAY
- SETDOWN AREAS
- LIGHTNING MAST
- TELECOMMUNICATION MAST
- PROPOSED CARRIER DRAIN (PR-STORM)
- PROPOSED FILTER DRAIN (PR-STORM)
- PROPOSED STORM MANHOLE
- ACTUATOR MANHOLE CONTAINING SENSORS TO DIVERT THE FLOW BASED ON CONTAMINATION LEVEL

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Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: TYPICAL DETAILS - SHEET 01
INFILTRATION POND DETAILS

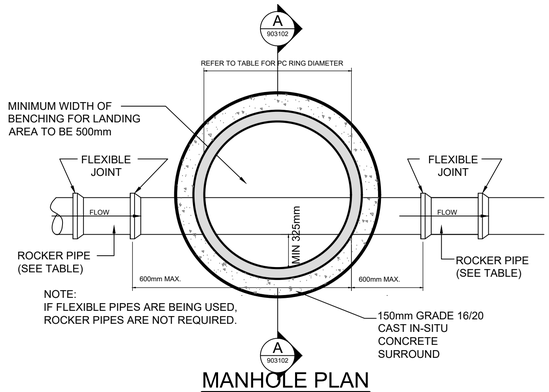
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AS SHOWN at A1	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status	Drawing Number	Rev
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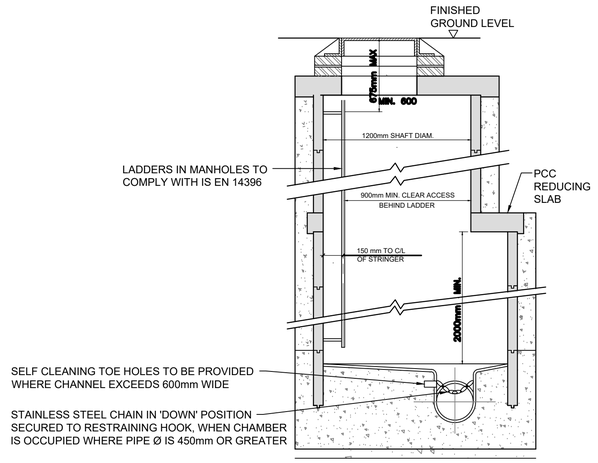
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MANHOLE PLAN

SCALE 1:25



MANHOLE DETAIL GREATER THAN 3m & LESS THAN 6m, GROUND TO SOFFIT DEPTH

scale 1:25

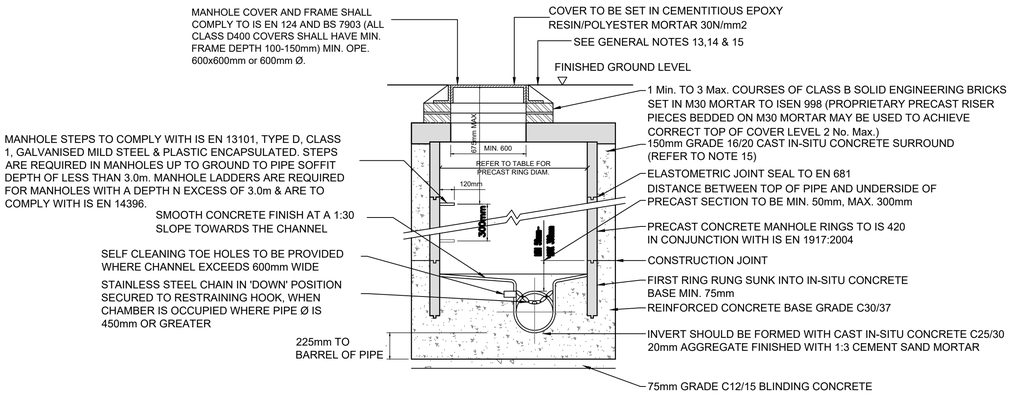
MINIMUM MANHOLE DIAMETERS

DIAMETER OF LARGEST PIPE IN MANHOLE (mm)	INTERNAL DIAMETER OF MANHOLE (mm)	MIN. PRECAST ROOF SLAB EFFECTIVE THICKNESS (mm)	MIN. IN-SITU ROOF SLAB THICKNESS (mm)
LESS THAN 375	1200	160	225
375 TO 450	1350	160	225
500 TO 750	1500	170	225

ROCKER PIPE LENGTH

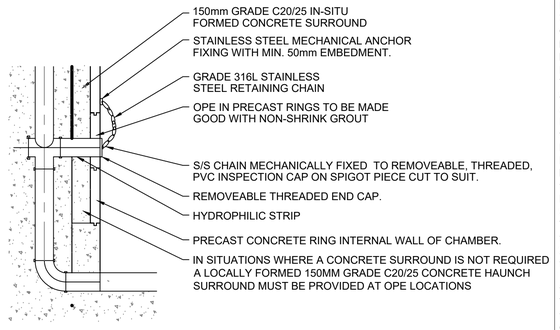
PIPE DIAMETER (mm)	ROCKER PIPE LENGTH (mm)
150 TO 600	600
GREATER THAN 600 TO 750	1000
GREATER THAN 750	1250

SEWERS GREATER THAN 450mm Ø ARE OUTSIDE THE SCOPE OF THE STANDARD DETAILS. MANHOLE SIZE OF THESE CHAMBERS MAY BE REQUIRED DUE TO MULTIPLE PIPES WITHIN MANHOLE.



MANHOLE DETAIL

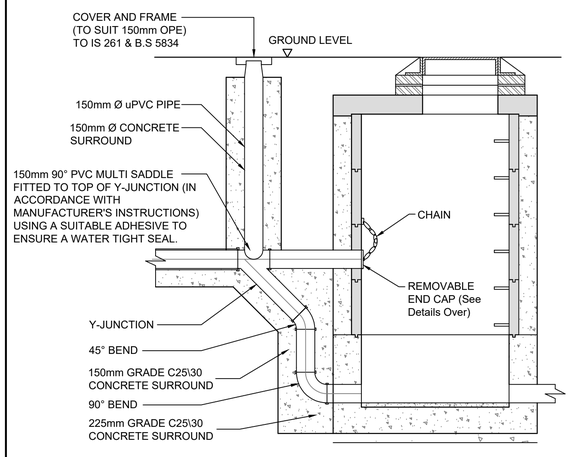
SECTION A-A SCALE 1:25



RODDING EYE END CAP DETAIL

SCALE 1:25

BACKDROP & CASCADE MANHOLE DETAILS

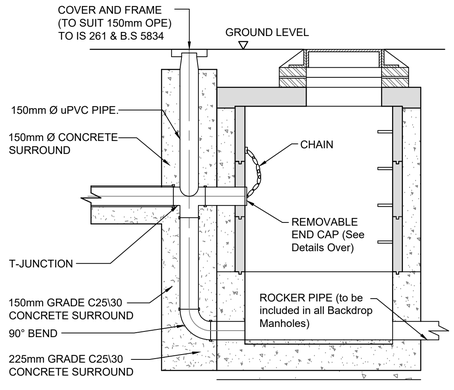


BACKDROP MANHOLE DETAIL TYPE 1

SCALE 1:25

150mm - 450mm DIA. (INCL.) DROP GREATER THAN 1700mm & LESS THAN 2300mm
*500mm - 900mm DIA. (INCL.) DROP GREATER THAN 1700mm & LESS THAN 3000mm
(SEWERS GREATER THAN 450mm Ø ARE OUTSIDE THE SCOPE OF THE STANDARD DETAILS.)

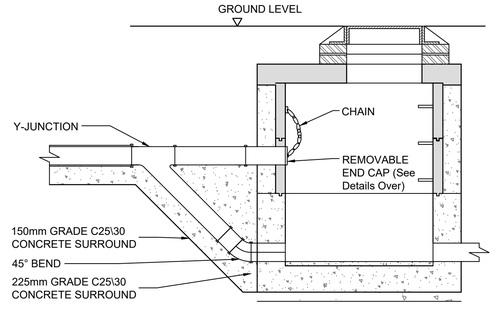
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REFER TO OSI SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D



BACKDROP MANHOLE DETAIL TYPE 2

SCALE 1:25

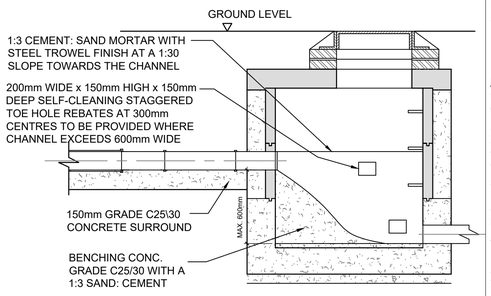
150mm - 450mm DIA. (INCL.) DROP GREATER THAN 900 AND LESS THAN 1700mm
*500mm - 900mm DIA. (INCL.) DROP GREATER THAN 1300mm AND LESS THAN 2300mm
(SEWERS GREATER THAN 450mm Ø ARE OUTSIDE THE SCOPE OF THE STANDARD DETAILS.)



BACKDROP MANHOLE DETAIL TYPE 3

SCALE 1:25

150mm - 450mm DIA. (INCL.) DROP GREATER THAN 600mm AND LESS THAN 900m
*500mm - 900mm DIA. (INCL.) DROP GREATER THAN 600mm AND LESS THAN 1300mm
(SEWERS GREATER THAN 450mm Ø ARE OUTSIDE THE SCOPE OF THE STANDARD DETAILS.)



TYPE No.4 CASCADE MANHOLE

SCALE 1:25

150mm - 450mm DIA. (INCL.) DROP LESS THAN 600mm
*500mm - 900mm DIA. (INCL.) DROP LESS THAN 600mm
(SEWERS GREATER THAN 450mm Ø ARE OUTSIDE THE SCOPE OF THE STANDARD DETAILS.)

0 250 500 1000 1500 2000 2500mm

SCALE 1:25 @ A1; 1:50 @ A3

GENERAL NOTES

1. ALL DIMENSIONS ARE IN METERS UNLESS NOTED OTHERWISE
2. ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS
3. ALL LEVELS ARE IN METERS AND ARE TO MALIN HEAD DATUM
4. ALL COORDINATES ARE IN METERS AND ARE TO IRISH TRANSVERSE MERCATOR
5. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION
6. THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSES OF THE PLANNING APPLICATION AND IS SUBJECT TO DETAILED DESIGN.

MANHOLE GENERAL NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.
2. PRE-CAST MANHOLES UNITS: COMPLYING WITH REQUIREMENTS OF IS EN 1917 AND IS 420.
3. THICKER MANHOLE BASES REQUIRED FOR SEWERS IN EXCESS OF 3m DEEP WHERE THE SIZE IS GREATER THAN THE STANDARD MINIMUM SIZE
4. APPROVED PRE-CAST CONCRETE BASES MAY BE USED INCORPORATING CHANNELS, BENCHING ETC. SUBJECT TO ENGINEER REVIEW AND COMPLYING WITH ISEN 1719 AND IS 420.
5. STRUCTURAL DESIGN AND REINFORCEMENT DETAILS TO BE PROVIDED BY THE DEVELOPER AND SUBMITTED TO ENGINEER FOR REVIEW.
6. MANHOLES GREATER THAN 3m IN DEPTH WILL REQUIRE A DETAILED STRUCTURAL DESIGN AND BE SUBJECT TO ENGINEER REVIEW.
7. MANHOLE ROOFS SHALL CONSIST OF A RE-INFORCED CONCRETE SLAB OF IN-SITU CONCRETE, C30/37, WITH A MINIMUM THICKNESS OF 225mm DESIGNED TO CARRY ALL LIVE AND DEAD LOADS. ALTERNATIVELY, APPROVED PRE-CAST CONCRETE ROOF SLABS MAY BE USED SUBJECT TO IENGINEER REVIEW AND COMPLIANCE WITH IS EN 1917.
8. COVERS AND FRAMES SHALL BE SUITABLE FOR ROAD AND TRAFFIC CONDITIONS SUBJECT TO REVIEW BY ENGINEER.
9. 200mm ALL AROUND x 100mm DEEP, C20/25 CONCRETE PLINTH COMPLETE WITH BULL NOSE FINISH AND TO BE PROVIDED COMPLETE WITH MILD STEEL REINFORCEMENT LINK AROUND COVERS IN GREEN AREAS.
10. ALL CHAMBERS TO BE CHECKED FOR UPLIFT BY THE DEVELOPER BASED ON GROUND CONDITIONS WITHIN THE SITE. SHOULD ANTI FLOATATION MEASURES BE REQUIRED THEY SHALL BE SUBJECT TO REVIEW BY ENGINEER.
11. ALL CONCRETE TO BE IN ACCORDANCE WITH IS EN 206 : 2013.
12. ANY SPECIAL ROAD REINSTATEMENT AROUND COVER & FRAME SHALL BE TO ROAD AUTHORITY'S REQUIREMENTS.
13. NEW ROAD CONSTRUCTION & SURFACE FINISH TO BE TO ROAD AUTHORITY REQUIREMENTS.
14. EXISTING ROAD REINSTATEMENT TO COMPLY WITH CURRENT VERSION OF "GUIDELINES FOR MANAGING OPENINGS IN PUBLIC ROADS" BY THE DEPT. OF TRANSPORT, TOURISM & SPORT, OR TRANSPORT INFRASTRUCTURE IRELAND REQUIREMENTS.
15. IF DEPTH FROM GROUND TO PIPE SOFFIT IS GREATER THAN 6m DEEP, A SITE SPECIFIC ENGINEERED SOLUTION FOR ACCESS SHALL BE PROVIDED.
16. PROPRIETARY WATERTIGHT PCC MANHOLE RING SYSTEMS WITH A WALL THICKNESS > 125mm, & A WATER TIGHT JOINT SEALING SYSTEM, MAY BE USED WITHOUT CONCRETE SURROUND, SUBJECT TO THE GROUND WATER LEVEL AT THE MANHOLE BEING LOW, & SUBJECT TO REVIEW BY ENGINEER
17. THE INTERNAL MANHOLE DIAMETERS SHOWN IN THE TABLE BELOW ARE MINIMUM DIMENSIONS AND WILL INCREASE DEPENDING ON THE NUMBER AND DIAMETER OF ADDITIONAL INLETS AND FINISHED WITH A 1:3 SAND/CEMENT FINISH TO SUIT FLOW OF INLETS AND OUTLET

BACKDROP MANHOLE GENERAL NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.
2. RODDING EYE VERTICAL PIPE SHALL BE COVERED WITH APPROVED HEAVY DUTY METAL COVERS TO IS 261 AND BS 5834. COVER AND FRAME SHALL BE SUITABLE FOR ROAD AND TRAFFIC CONDITIONS AND IS SUBJECT TO REVIEW BY THE ENGINEER.
3. ALL CHAMBERS TO BE CHECKED FOR UPLIFT BY THE DEVELOPER BASED ON GROUND CONDITIONS WITHIN THE SITE. SHOULD ANTI FLOATATION MEASURES BE REQUIRED THEY SHALL BE SUBJECT TO REVIEW BY THE ENGINEER.
4. ALL CONCRETE TO BE IN ACCORDANCE WITH IS EN 206.
5. ALL BACKDROPS SHOULD TERMINATE AT THEIR LOWER END WITH A BEND INTO THE MAIN CHANNEL TO ENSURE THE DISCHARGE IS 45° OR LESS ON PLAN.
6. 200mm ALL AROUND x 100mm DEEP, C20/25 CONCRETE PLINTH COMPLETE WITH BULL NOSE FINISH AND TO BE PROVIDED COMPLETE WITH MILD STEEL REINFORCEMENT LINK AROUND COVERS IN GREEN AREAS

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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

Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway.

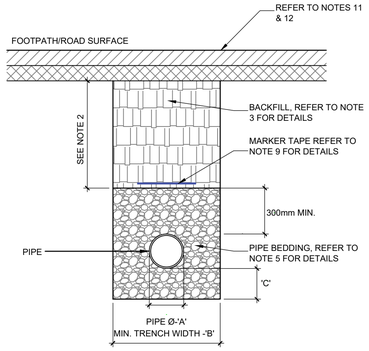
Purpose: PLANNING

Title: TYPICAL DETAILS - SHEET 02 MANHOLE DETAILS

Original Scale	Design/Drawn	Checked	Authorised
AS SHOWN at A1	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status: A2
Drawing Number: PEK3-ATK-ZZ-01-DR-CE-903102
Rev: 0

A1
DO NOT SCALE
File: PEK3-ATK-ZZ-01-DR-CE-903102.dwg
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SEWER BEDDING
CROSS SECTION IN ROADWAYS

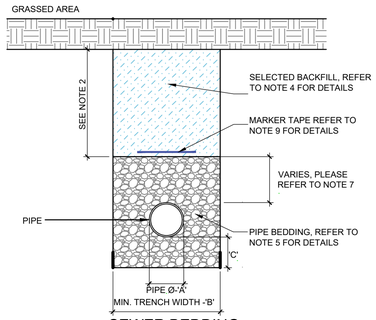
SCALE 1:25

SEWER TRENCHES WIDTHS

PIPE DIAMETER 'A' (mm)	TRENCH WIDTH 'B' (mm)
≤ 80 RISING MAIN	SEE NOTE 10
100	500
150	600
200	600
250	750
300	750
350	750
400	900
450	900

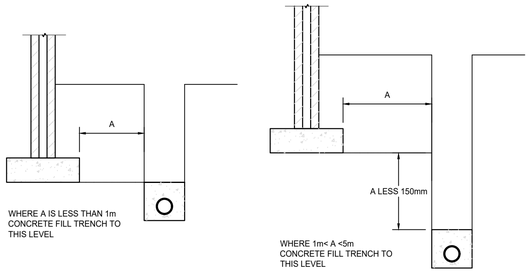
SEWER BEDDING DEPTH

PIPE DIAMETER 'A' (mm)	DEPTH OF BEDDING 'C' (mm)
≤ 100	100
150 - 450	200



SEWER BEDDING
CROSS SECTION IN GRASSED AREAS

SCALE 1:25



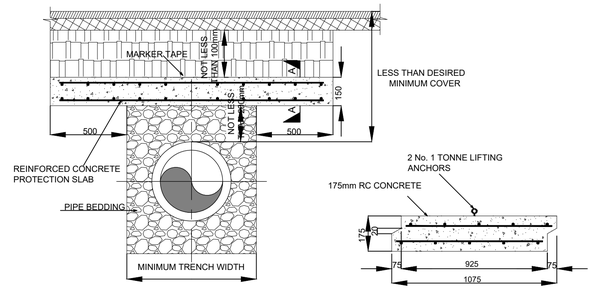
CONCRETE SURROUND TO PIPE RUN NEAR BUILDINGS / FOUNDATIONS N.T.S.

uPVC SEWER/DRAIN PIPES MATERIAL SPECIFICATION FOR FOUL DRAINAGE

UNPLASTICISED PVC PIPES AND FITTINGS SHALL COMPLY WITH THE PROVISIONS IS EN 1401 2009/2012. PIPES TO BE APPLICATION AREA CODE "UD", STIFFNESS CLASS 8kN/m² (SN8). PROVISION FOR JETTING SHALL BE BASED ON THE WRC SEWER JETTING CODE OF PRACTICE, JUNE 1997. PIPES TO BE CAPABLE OF RESISTING A MAXIMUM JETTING PUMP PRESSURE OF 2,600PSI (180 BAR) WITHOUT DAMAGE. (SEWER DIAMETERS 150MM UP TO 450MM, SERVICE CONNECTIONS OF 100MM DIAMETER)

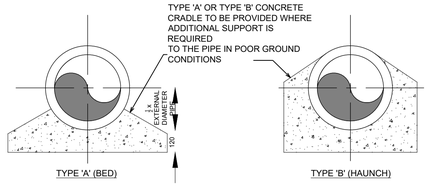
WHERE MINIMUM COVER CANNOT BE ACHIEVED, AND SUBJECT TO APPROVAL FROM THE ENGINEER, THE FOLLOWING DETAILS MAY BE USED:

CONCRETE PROTECTION SLAB, BED,HAUNCH, AND SURROUND TO PIPES



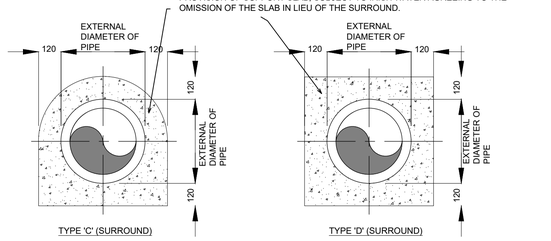
REDUCED COVER
PROTECTION SLAB DETAIL

SECTION A-A



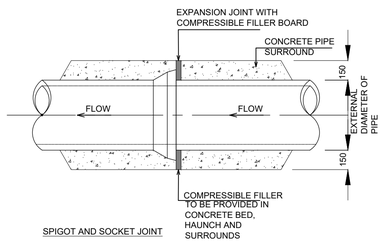
TYPE 'A' (BED)

TYPE 'B' (HAUNCH)

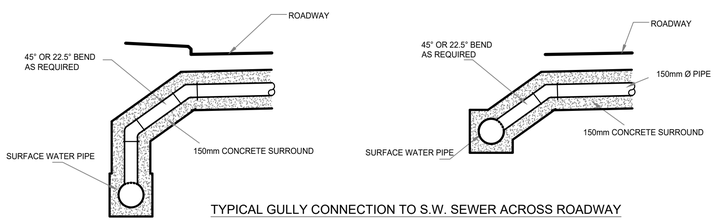


TYPE 'C' (SURROUND)

TYPE 'D' (SURROUND)



SPIGOT AND SOCKET JOINT



TYPICAL GULLY CONNECTION TO S.W. SEWER ACROSS ROADWAY

N.T.S.

NOTES

1. FOR ANY SLABBING WORKS TO BE CARRIED OUT WITHIN THE VICINITY OF THE PIPELINE, A METHOD STATEMENT IS TO BE SUBMITTED FOR REVIEW BY THE ENGINEER.
2. MARKER TAPE TO BE PLACED ABOVE THE SLAB AND ALONG THE DIRECTION OF THE PIPELINE
3. CONCRETE TO BE GRADE C30/35
4. MINIMUM COVER TO STEEL REINFORCEMENT =40mm
5. SLABS TO BE DESIGNED FOR USE UNDER A HB25 LOAD IN ACCORDANCE WITH BS5400-2. DESIGN TO BE SUBMITTED TO THE ENGINEER FOR ASSESSMENT PRIOR TO INSTALLATION.
6. THE SOIL ON WHICH THE SLAB RESTS MUST HAVE A CBR OF 4% OR GREATER WHERE THE CBR IS LESS THAN 4% THE MATERIAL SHALL BE REMOVED AND REPLACED WITH IMPORTED GRANULAR MATERIAL AS APPROVED BY THE ENGINEER.
7. IF DIRECTION OF PIPELINE AND DIRECTION OF TRAFFIC FLOW ARE PARALLEL, THE DIRECTION OF LAY OF THE SLAB IS TO BE AGAINST THE DIRECTION OF TRAFFIC FLOW.



8. IF PIPELINE PROTECTION SLAB IS TO BE USED SOLELY FOR IMPACT PROTECTION & OVERALL DEPTH OF COVER IS GREATER THAN 1.2m, THE DISTANCE BETWEEN UNDERSIDE OF SLAB & TOP OF PIPE MAY BE INCREASED AFTER CONSULTATION WITH THE ENGINEER.
9. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.
10. CONCRETE BED AND HAUNCHES MAY BE REQUIRED TO PROVIDE ADDITIONAL SUPPORT IN POOR GROUND CONDITIONS. PROPOSALS TO BE PROVIDED TO THE ENGINEER.
11. CONCRETE SURROUNDS SHALL HAVE A MINIMUM THICKNESS OF150mm WITH AN ABSOLUTE MINIMUM DEPTH OF COVER ABOVE THE EXTERNAL CROWN OF THE PIPE OF 750mm. ALL CONCRETE TO BE IN ACCORDANCE WITH IS EN 206 AND TO BE GRADE C16/20 TO IS EN206
13. THE HAUNCHES AND SURROUNDS TO BE FORMED USING FORM WORK TO PROVIDE A ROUGH CAST FINISH.
14. EXPANSION JOINTS IN THE CONCRETE SHALL BE PROVIDED AT ALL PIPE JOINTS TO ALLOW FOR PIPE FLEXIBILITY, COMPRESSIBLE FILLER BOARD TO BE IN ACCORDANCE WITH BS EN 622-1 AND BS EN 622-4, AND TO BE 18mm THICK.
15. POLYETHYLENE AND uPVC PIPES SHALL BE WRAPPED IN PLASTIC SHEETING HAVING A COMPOSITION IN ACCORDANCE WITH BS 6076 BEFORE BEING CAST INTO CONCRETE.
16. BITUMINOUS MATERIAL SHALL NOT BE PUT IN CONTACT WITH PE OR PVC PIPES.

GENERAL NOTES

1. ALL DIMENSIONS ARE IN METERS UNLESS NOTED OTHERWISE
2. ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS
3. ALL LEVELS ARE IN METERS AND ARE TO MALIN HEAD DATUM
4. ALL COORDINATES ARE IN METERS AND ARE TO IRISH TRANSVERSE MERCATOR
5. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION
6. THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSES OF THE PLANNING APPLICATION AND IS SUBJECT TO DETAILED DESIGN.

SEWERS & DRAINS LAYING & BEDDING DETAILS

1. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.
2. THE MINIMUM DEPTH OF COVER FROM THE FINISHED SURFACE TO THE CROWN OF GRAVITY PIPES WITHOUT PROTECTION SHOULD BE AS FOLLOWS:

A) GARDENS AND PATHWAYS WITHOUT ANY POSSIBILITY OF VEHICULAR ACCESS - DEPTH NOT LESS THAN 0.5 M. (THIS WOULD NORMALLY RELATE TO DRAINS IN PRIVATE PROPERTY, SHALLOW PIPES OF THIS NATURE ARE UNDESIRABLE AND SHOULD BE INSTALLED IN ACCORDANCE WITH THE CURRENT BUILDING REGULATIONS).
B) DRIVEWAYS, PARKING AREAS AND YARDS WITH HEIGHT RESTRICTIONS TO PREVENT ENTRY BY VEHICLES WITH A GROSS VEHICLE WEIGHT IN EXCESS OF 7.5 TONNES - DEPTH NOT LESS THAN 0.75 M.
C) DRIVEWAYS, PARKING AREAS AND NARROW STREETS WITHOUT FOOTWAYS (E.G. MEWS DEVELOPMENTS) WITH LIMITED ACCESS FOR VEHICLES WITH A GROSS VEHICLE WEIGHT IN EXCESS OF 7.5 TONNES - DEPTH NOT LESS THAN 0.9 M.
D) DEPTHS OF SEWERS IN GATED ESTATES SHALL BE SIMILAR TO THAT OUTLINED ABOVE.
E) AGRICULTURAL LAND AND PUBLIC OPEN SPACE - DEPTH NOT LESS THAN 0.9 M.
F) OTHER HIGHWAYS AND PARKING AREAS WITH UNRESTRICTED ACCESS TO VEHICLES WITH A GROSS VEHICLE WEIGHT IN EXCESS OF 7.5 TONNES - DEPTH NOT LESS THAN 1.2m.

3. CLAUSE 804 / 808 MATERIAL IN ACCORDANCE WITH THE NATIONAL ROADS AUTHORITY SPECIFICATION FOR ROAD WORKS IS TO BE USED AS BACKFILL MATERIAL WHERE THE SEWER MAIN IS LOCATED IN ROADS, FOOTPATHS OR WHEN THE NEAREST PART OF THE TRENCH IS WITHIN 1m OF THE PAVED EDGE OF THE ROADWAY. CLAUSE 804 / 808 IS TO BE COMPACTED AS PER CLAUSE 802 OF THE NATIONAL ROADS AUTHORITY SPECIFICATION FOR ROAD WORKS. CLAUSE 808 IS TO BE USED WITHIN 500mm OF CEMENT BOUND MATERIALS, CONCRETE PAVEMENTS,CONCRETE STRUCTURES OR CONCRETE PRODUCTS. OTHERWISE CLAUSE 804 MAY BE USED. ALTERNATIVE BACKFILL MATERIAL TO THAT DESCRIBED ABOVE (CLAUSE 804 OR CLAUSE 808) OF THE PIPE TRENCH WILL ONLY BE ALLOWED BY TYHE ENGINEER WHERE THE ROADS AUTHORITY IN WHOSE FUNCTIONAL AREA THE DEVELOPMENT IS LOCATED, PROVIDES WRITTEN APPROVAL TO THE DEVELOPER TO THE USE SUCH ALTERNATIVE MATERIAL.
4. SELECTED EXCAVATED MATERIAL MAY BE USED IN GREEN-FIELD AREAS ABOVE GRANULAR PIPE SURROUND MATERIAL SUBJECT TO REVIEW BY THE ENGINEER.
5. PIPE BEDDING SHALL COMPLY WITH WIS 4-08-02 AND IGN 4-08-01 GRANULAR MATERIAL SHALL BE 14mm TO 5mm GRADED AGGREGATE OR 10mm SINGLE SIZED AGGREGATE IS EN 13242. CONCRETE BED, HAUNCH & SURROUND, WHERE REQUIRED, SHALL BE TO STD-WW-08.
6. IN SOFT GROUND CONDITIONS (CBR < 5) THE MATERIAL SHOULD BE EXCAVATED AND DISPOSED OF IN ACCORDANCE WITH THE WASTE MANAGEMENT ACT AND CLAUSE 804 / 808 MATERIAL IN ACCORDANCE WITH THE NATIONAL ROADS AUTHORITY SPECIFICATION FOR ROAD WORKS SHALL REPLACE THE EXCAVATED MATERIAL, WRAPPED IN GEO-TEXTILE WRAPPING. ALTERNATIVELY, SPECIAL PIPE SUPPORT ARRANGEMENTS, INCLUDING PILING ETC. MAY BE REQUIRED WHERE THE DEPTH OF SOFT MATERIAL IS EXCESSIVE. SUCH ARRANGEMENTS SHALL BE SUBJECT TO ASSESSMENT BY THE ENGINEER BEFORE ADVANCING WITH THE WORK.
7. IN GREEN FIELD AREAS, TYPE B BACKFILL (SELECTED EXCAVATED MATERIAL) WILL BE ALLOWED ABOVE THE SIDE HAUNCH GRANULAR MATERIAL IN THE CASE OF RIGID PIPES. A GRANULAR SURROUND OF A MINIMUM DEPTH OF 150mm ABOVE THE CROWN OF THE PIPE IS REQUIRED FOR FLEXIBLE PIPES , AND TYPE B MATERIAL MAY BE USED AS BACKFILL ABOVE THIS. ALL RISING MAINS IN GREENFIELD AREAS SHALL HAVE A MINIMUM COVER OF 300mm OF GRANULAR MATERIAL ABOVE THE EXTERNAL CROWN OF THE PIPE.
8. PIPES SHALL NOT BE SUPPORTED ON STONES, ROCKS OR ANY HARD OBJECTS AT ANY POINT ALONG THE TRENCH. ROCK SHALL BE EXCAVATED TO A DEPTH OF 150mm BELOW THE ACTUAL DEPTH OF THE TRENCH WITH THE VOID FILLED WITH CLAUSE 804 / 808 MATERIAL IN ACCORDANCE WITH THE NATIONAL ROADS AUTHORITY SPECIFICATION FOR ROAD WORKS. THE GRANULAR MATERIAL SHALL BE LAID ABOVE THIS VOID BACKFILL MATERIAL.
9. NON DEGRADABLE MARKER TAPE SHOULD BE INSTALLED AT TOP OF PIPE BEDDING LAYER. IN THE CASE OF NON METAL PIPE MATERIAL, THE MARKER TAPE SHOULD INCORPORATE A TRACE WIRE WHICH IS LINKED TO FITTINGS AND TERMINATED AT THE DISCHARGE MANHOLE.
10. TRENCH WIDTHS FOR PIPE SIZES ≤80mm MAY BE <500mm, SUBJECT TO CONSIDERATION BEING GIVEN TO THE TRENCH DEPTH, HEALTH & SAFETY & CONSTRUCTION ACCESS REQUIREMENTS.
11. NEW ROAD CONSTRUCTION & SURFACE FINISH TO BE TO ROAD AUTHORITY REQUIREMENTS.
12. EXISTING ROAD REINSTATEMENT TO COMPLY WITH CURRENT VERSION OF "GUIDELINES FOR MANAGING OPENINGS IN PUBLIC ROADS" BY THE DEPT. OF TRANSPORT, TOURISM & SPORT,OR TRANSPORT INFRASTRUCTURE IRELAND REQUIREMENTS.

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REFER TO OSI SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

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SCALE 1:25 @ A1; 1:50 @ A3

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: TYPICAL DETAILS - SHEET 03
FOUL DRAINAGE PIPE DETAILS

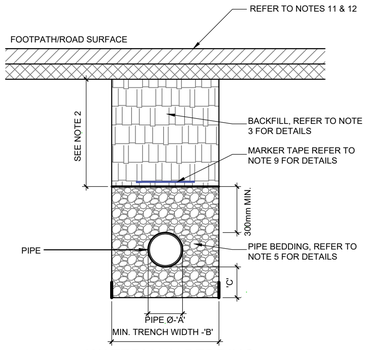
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AS SHOWN at A1	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status	Drawing Number	Rev
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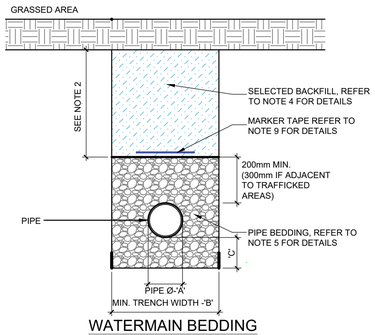
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A1
DO NOT SCALE



WATERMAIN BEDDING
CROSS SECTION IN ROADWAYS

SCALE 1:25



WATERMAIN BEDDING
CROSS SECTION IN GRASSED AREAS

SCALE 1:25

NOTE:
ALL WATER INFRASTRUCTURE SHALL BE IN ACCORDANCE WITH UISCE EIREANN (IRISH WATER) CODE OF PRACTICE AND STANDARD DETAILS

WATERMAIN LAYING & BEDDING DETAILS

1. ALL DIMENSIONS ARE IN MILLIMETERS (mm) UNLESS NOTED OTHERWISE
2. THE MINIMUM COVER FROM THE FINISHED GROUND LEVEL TO EXTERNAL CROWN OF THE PIPE SHALL BE 900mm WHERE THE PIPE IS TO BE LOCATED IN HOUSING ESTATE ROADS. GREATER DEPTHS OF COVER MAY BE REQUIRED WHERE HIGH TRAFFIC LOADING IS ANTICIPATED' THE DESIRABLE COVER FOR A WATERMAIN SHALL BE 1200mm WHERE PRACTICABLE AND NOT EXCEED 3.0m
3. CLAUSE 804 / 808 MATERIAL IN ACCORDANCE WITH THE NATIONAL ROADS AUTHORITY SPECIFICATION FOR ROAD WORKS IS TO BE USED TO BACKFILL WHEN THE NEAREST PART OF THE TRENCH FILL IS WITHIN 1m OF THE PAVED EDGE OF THE ROADWAY. CLAUSE 804/808 TO BE COMPACTED AS PER CLAUSE 802 OF THE NATIONAL ROADS AUTHORITY SPECIFICATION FOR ROADWORKS. CLAUSE 808 IS TO BE USED WITHIN 500mm OF CEMENT BOUND MATERIALS, CONCRETE PAVEMENTS, CONCRETE STRUCTURES OR OTHER CONCRETE PRODUCTS, OTHERWISE CLAUSE 808 MAY BE USED. ALTERNATIVE BACKFILL MATERIAL TO THAT DESCRIBED ABOVE (CLAUSE 804 OR CLAUSE 808) OF THE PIPE TRENCH WILL ONLY BE ALLOWED BY UISCE EIREANN (IRISH WATER) WHERE THE ROADS AUTHORITY IN WHOSE FUNCTIONAL AREA THE DEVELOPMENT IS LOCATED, PROVIDES WRITTEN APPROVAL TO THE DEVELOPER TO USE SUCH ALTERNATIVE MATERIAL.
4. SELECTED EXCAVATED MATERIAL MAY BE USED IN GREEN-FIELD AREAS ABOVE GRANULAR PIPE SURROUND MATERIAL SUBJECT TO REVIEW BY UISCE EIREANN (IRISH WATER) WHERE APPLICABLE.
5. PIPE BEDDING SHALL COMPLY WITH WIS 4-08-02 AND IGN 4-08-01 GRANULAR MATERIAL SHALL BE 14mm TO 5mm GRADED AGGREGATE OR 10mm SINGLE SIZED AGGREGATE TO IS EN 13242.
6. IN SOFT GROUND CONDITIONS (CBR < 5) THE MATERIAL SHOULD BE EXCAVATED OUT AND DISPOSED OF IN ACCORDANCE WITH THE WASTE MANAGEMENT ACT AND CLAUSE 804 / 808 MATERIAL IN ACCORDANCE WITH THE NATIONAL ROADS AUTHORITY SPECIFICATION FOR ROAD WORKS SHALL REPLACE THE EXCAVATED MATERIAL, WRAPPED IN GEO-TEXTILE WRAPPING. ALTERNATIVELY, SPECIAL PIPE SUPPORT ARRANGEMENTS, INCLUDING PILING ETC. MAY BE REQUIRED WHERE THE DEPTH OF SOFT MATERIAL IS EXCESSIVE. SUCH ARRANGEMENTS SHALL BE SUBJECT TO ASSESSMENT BY UISCE EIREANN (IRISH WATER) BEFORE ADVANCING WITH THE WORK, WHERE APPLICABLE.
7. PIPES SHALL NOT BE SUPPORTED ON STONES OR ROCKS, OR ANY HARD OBJECT AT ANY POINT ALONG THE TRENCH. ROCK SHALL BE EXCAVATED TO A DEPTH OF 150mm BELOW THE ACTUAL DEPTH OF THE TRENCH WITH THE VOID FILLED WITH CLAUSE 804 / 808 MATERIAL IN ACCORDANCE WITH THE NATIONAL ROADS AUTHORITY SPECIFICATION FOR ROAD WORKS. THE GRANULAR MATERIAL SHALL BE LAID ABOVE THIS VOID BACKFILL MATERIAL.
8. SHOULD MINIMUM COVER NOT BE ACHIEVABLE, CONCRETE GRADE C8/10 SHALL BE USED AS BACKFILL MATERIAL.
9. MARKER TAPE TO BE 400mm WIDE BLUE POLYETHYLENE MATERIAL IN ACCORDANCE WITH EN 12163, PLASTIC PIPES SHALL HAVE WARNING TAPE INCORPORATED A REINFORCED BAND BRACING WIRE. SERVICE PIPES SHALL HAVE 200mm WIDE MESH TAPE. MARKER TAPE TO BE LAID AT TOP OF PIPE BEDDING LAYER.
10. TRENCH WIDTHS FOR PIPE SIZES ≤80mm MAY BE <500mm, SUBJECT TO CONSIDERATION BEING GIVEN TO THE TRENCH DEPTH, HEALTH & SAFETY & CONSTRUCTION ACCESS REQUIREMENTS.
11. NEW ROAD CONSTRUCTION & SURFACE FINISH TO BE TO ROAD AUTHORITY REQUIREMENTS.
12. EXISTING ROAD REINSTATEMENT TO COMPLY WITH CURRENT VERSION OF "GUIDELINES FOR MANAGING OPENINGS IN PUBLIC ROADS" BY THE DEPT. OF TRANSPORT, TOURISM & SPORT, OR TRANSPORT INFRASTRUCTURE IRELAND REQUIREMENTS.
13. NEW ROAD CONSTRUCTION & SURFACE FINISH TO BE TO ROAD AUTHORITY REQUIREMENTS.
14. EXISTING ROAD REINSTATEMENT TO COMPLY WITH CURRENT VERSION OF "GUIDELINES FOR MANAGING OPENINGS IN PUBLIC ROADS" BY THE DEPT. OF TRANSPORT, TOURISM & SPORT, OR TRANSPORT INFRASTRUCTURE IRELAND REQUIREMENTS.

WATERMAIN TRENCHES WIDTHS

PIPE DIAMETER 'A' (mm)	TRENCH WIDTH 'B' (mm)
≤ 80	SEE NOTE 10
100	500
150	600
200	600
250	750
300	750
350	750
400	900
450	900

WATERMAIN BEDDING DEPTHS

PIPE DIAMETER 'A' (mm)	DEPTH OF BEDDING 'C' (mm)
≤ 200	150
≤ 200	200

GENERAL NOTES

1. ALL DIMENSIONS ARE IN METERS UNLESS NOTED OTHERWISE
2. ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS
3. ALL LEVELS ARE IN METERS AND ARE TO MALIN HEAD DATUM
4. ALL COORDINATES ARE IN METERS AND ARE TO IRISH TRANSVERSE MERCATOR
5. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION
6. THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSES OF THE PLANNING APPLICATION AND IS SUBJECT TO DETAILED DESIGN.

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REFER TO OSI SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

0 250 500 1000 1500 2000 2500mm

SCALE 1:25 @ A1; 1:50 @ A3

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: TYPICAL DETAILS - SHEET 04
WATERMAIN DETAILS

Original Scale	Design/Drawn	Checked	Authorised
AS SHOWN at A1	PS Date 01.12.25	ND Date 01.12.25	AJB Date 01.12.25

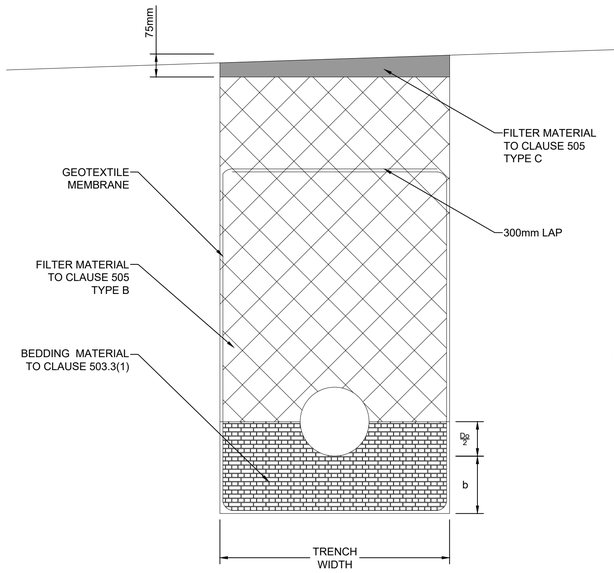
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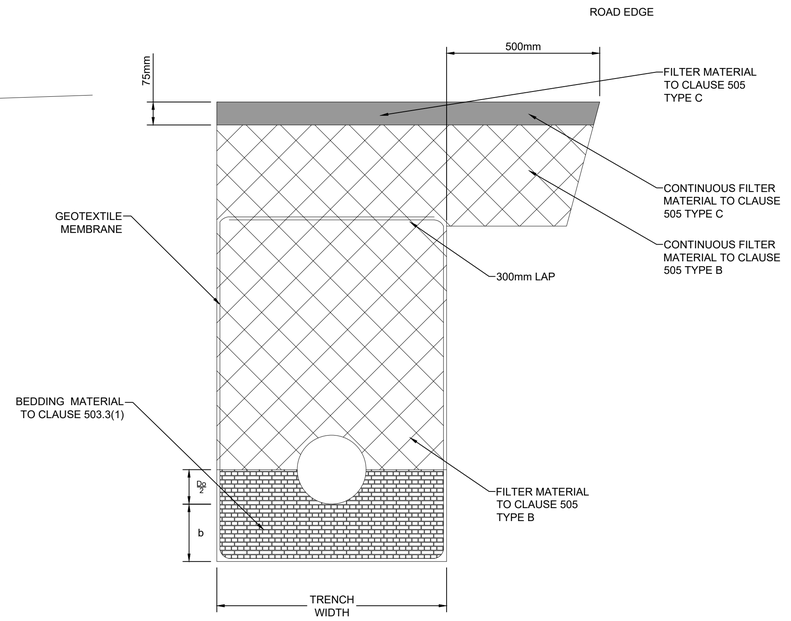
TRENCH WIDTHS FOR FILTER DRAINS			
PIPE DIA mm	Do	b	TRENCH WIDTH
100	150	150	600
150	210	150	700
225	300	150	750
300	400	150	850
375	480	150	950
450	560	150	1000
525	650	150	1100
600	735	150	1200
675	850	150	1350
750	910	150	1450

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH APPENDIX 5/1.
3. Do = PIPE OUTER DIAMETER
4. PERFORATED PIPES ARE TO BE LAID WITH SLOTS OR PERFORATIONS FACING UPWARDS.



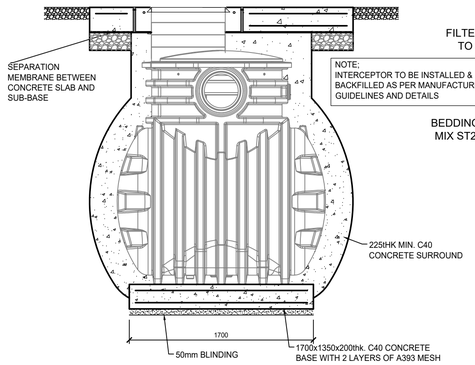
TYPE A
SCALE 1:10



TYPE B
SCALE 1:10

TYPE C
SCALE 1:10

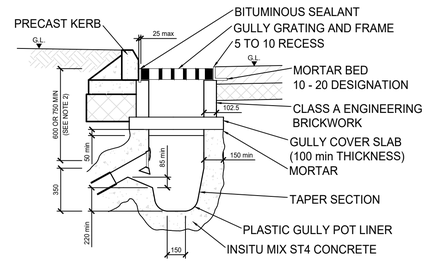
TYPE D
SCALE 1:10



TYPICAL FULL RETENTION SEPARATOR DETAILS
SCALE 1:25

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. THE MINIMUM DEPTH FROM THE TOP OF THE GRATING TO THE TOP OF THE GULLY OUTLET IS TO BE 750mm WHEN THE CONNECTING PIPE IS UNDER A CARRIAGE WAY OR A HARD SHOULDER AND 600 ELSEWHERE.
3. PRE CAST CONCRETE GULLIES AND COVER SLABS SHALL BE TO BS 5911-6.
4. WHEN AN INSITU CAST GULLY HAS A TRAP, THE STOPPERS SHALL COMPLY WITH THE REQUIREMENTS OF BS 5911-4 AND BS EN 1917.
5. ALL ST CONCRETE SHALL BE TO SHW, CLAUSE 2602



TYPICAL PRECAST GULLY N.T.S

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REFER TO OSi SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

0 100 200 400 600 800 1000mm

SCALE 1:10 @ A1; 1:20 @ A3

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh
(Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: TYPICAL DETAILS - SHEET 05
STORM DRAINAGE PIPE DETAILS

Original Scale	Design/Drawn	Checked	Authorised
AS SHOWN at A1	PS	ND	AJB
	Date 01.12.25	Date 01.12.25	Date 01.12.25

Status	Drawing Number	Rev
A2	PEK3-ATK-ZZ-01-DR-CE-903105	0

GENERAL NOTES

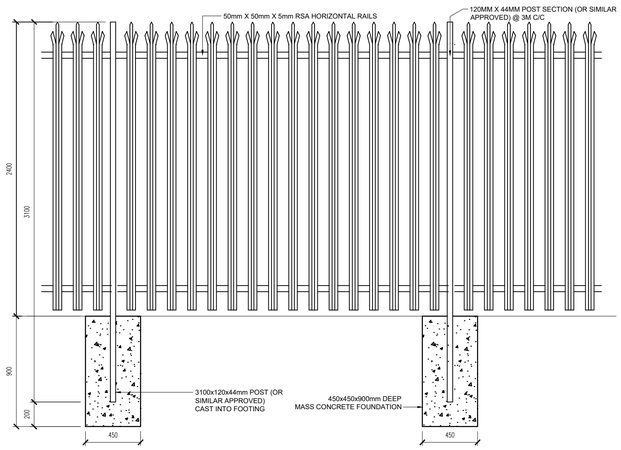
1. ALL DIMENSIONS ARE IN METERS UNLESS NOTED OTHERWISE
2. ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS
3. ALL LEVELS ARE IN METERS AND ARE TO MALIN HEAD DATUM
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100 10 0 A1

DO NOT SCALE

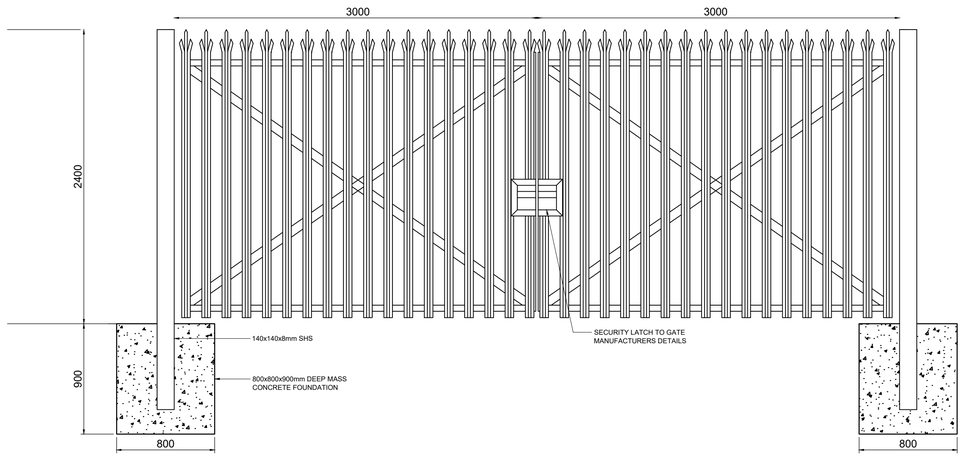
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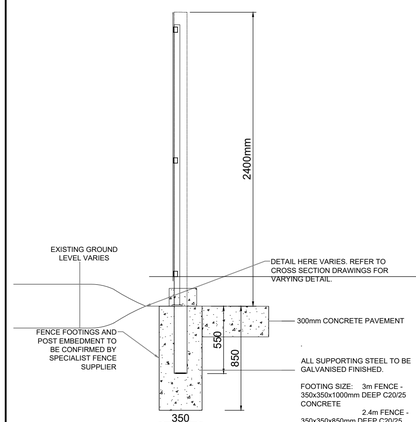
TYPICAL PALISADE FENCE PANEL ELEVATION

Scale at A1 1:25



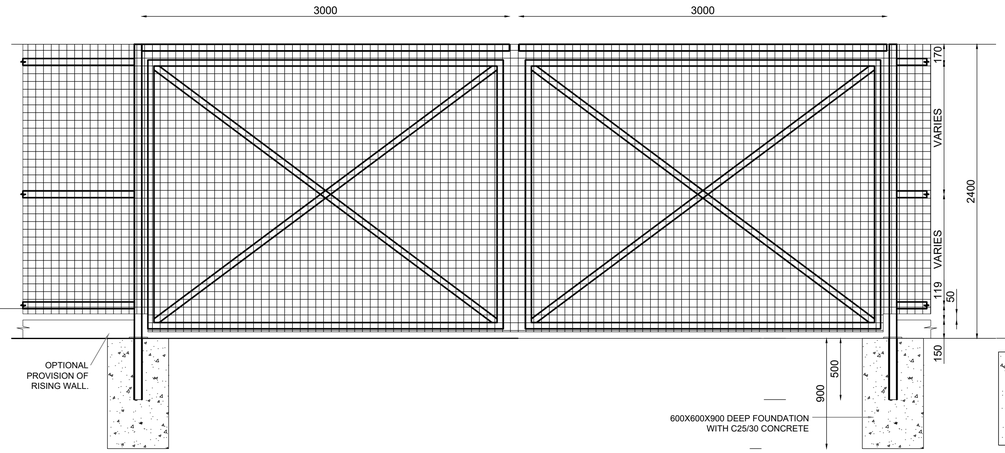
TYPICAL PALISADE PEDESTRIAN GATE ELEVATION

Scale at A1 1:25



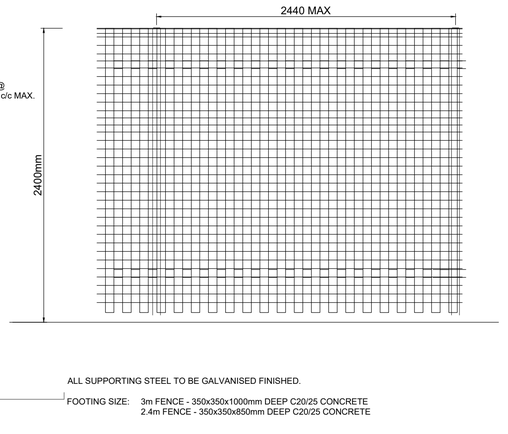
TYPICAL PALADIN FENCE PANEL ELEVATION

Scale at A1 1:25



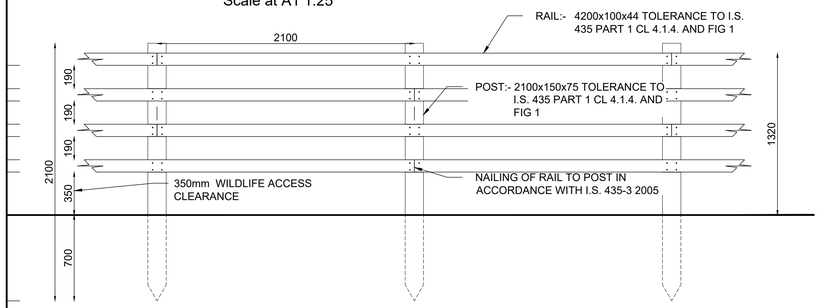
TYPICAL MESH PALADIN GATE DETAIL

Scale at A1 1:25



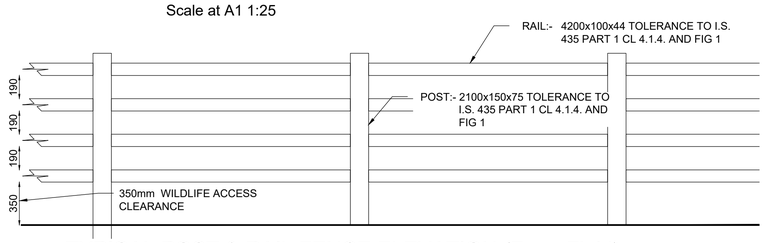
TYPICAL PALLADIN MESH FENCE DETAIL

Scale at A1 1:25



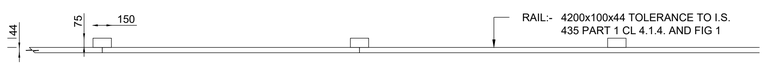
TYPICAL POST & RAIL FENCE ELEVATION (From Road)

Scale at A1 1:25



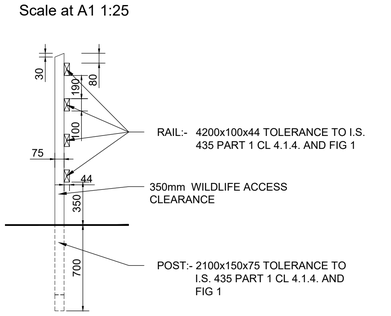
TYPICAL POST & RAIL FENCE ELEVATION (From Field)

Scale at A1 1:25



TYPICAL POST & RAIL FENCE PART PLAN

Scale at A1 1:25



TYPICAL POST & RAIL FENCE SECTION

Scale at A1 1:25

0 250 500 1000 1500 2000 2500mm

SCALE 1:25 @ A1; 1:50 @ A3

GENERAL NOTES

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POST & RAIL FENCE NOTES:-

1. FENCES SHALL BE CONSTRUCTED AND ERECTED I N ACCORDANCE WITH I.S. 435: 2005. EXECPT WHERE OTHERWISE SHOWN.
2. ANY LENGTH O F F E N C I NG (I NCLU DI N G B RAN CH ES AN D S PU RS) S HALL START WITH A POST AN D E N D WITH A POST. AN ADDITIONAL POST SHALL BE P ROVI DE D AT FENCE J U NCTIONS AN D AT FENCE CORNERS.
3. POST HOLES FALL I NG I N ROCK SHALL BE EXCAVATED TO THE DEPTH SHOWN ON THIS DRAWING OR, SUBJ ECT TO AGREEMENT WITH THE EMPLOYER'S REPRESENTATIVE, TO A DEPTH OF 500mm ,AND SHALL BE BACKFILLED WITH MIX ST2 CONCRETE . WHERE A REDUCED DEPTH OF HOLE IS AGREED , THE TOP OF THE POST SHALL BE SUITABLY CUT AND TREATED IN ACCORDANCE WITH THE RECOMMENDATIONS OF I.S . 435: 2005.
4. FENCE POST AND RAI L SHALL BE TREATED WITH PRESERVATIVE I N ACCORDANCE WITH THE REQUIREMENTS OF CC-SPW-00300 AND APPENDIX B OF I.S. 435-1 : 2005.
5. CONCRETE FOUNDATIONS TO POSTS SHALL BE PROVIDED WHERE STATED I N APPENDIX 3/1 .
6. WHERE SIDELONG GROUND SLOPES DOWN TOWARDS THE FENCE AT A SLOPE GREATER THAN 1 :4, THEN THE PERMANENT FENCI NG POST HEIGHT SHALL BE INCREASED BY A MINIMUM OF 250mm AND AN ADDITIONAL RAIL ADDED.
7. FIXING IN ACCORDANCE W ITH I.S. 435-3 , 2005. NOTES 13 AN D 14 AND SECTION 4 . 4 OF I.S. 435-3 , 2005

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Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: TYPICAL DETAILS - SHEET 06 FENCING DETAILS

Original Scale	Design/Drawn	Checked	Authorised
1:25 at A1	PS Date 01.12.25	ND Date 01.12.25	AJB Date 01.12.25

Status	Drawing Number	Rev
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File: PEK3-ATK-ZZ-01-DR-CE-903106.dwg Date: Jan 29, 2026 - 4:39pm Plotted by: SHEP8400
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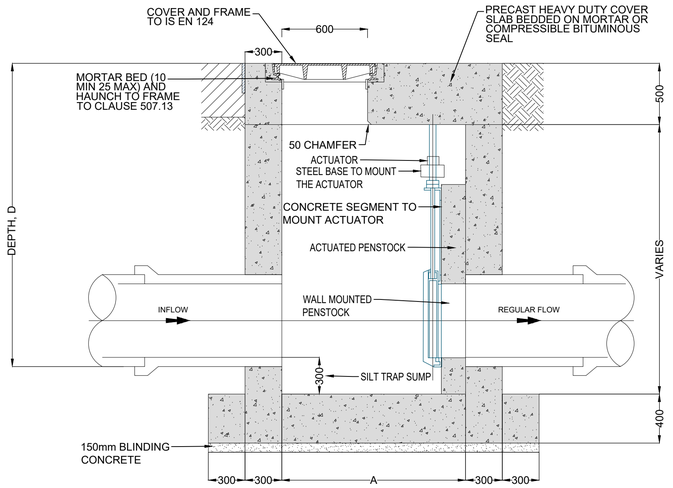
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0 10
A1
DO NOT SCALE

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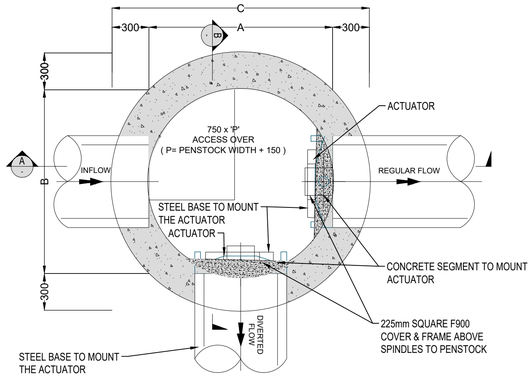
1. CHAMBER WALLS AND COVER SLAB TO BE CONSTRUCTED IN PRECAST CONCRETE TO BS 5911-3 AND IS EN 1917.
2. FOR INVERT DETAILS, NUMBER OF BRANCHES, DETAILS OF PIPES AND TYPE OF COVER AND FRAME SEE APPENDIX 5/1.
3. MORTAR TO BE TO CLAUSE 507.13.
4. SAFETY CHAIN REQUIRED WHERE PIPE IS GREATER THAN 600 DIAMETER. SEE DRAWING No RCD/500/13 FOR DETAILS OF SAFETY CHAIN AND HANDHOLDS.
5. MANHOLE COVER ARRANGEMENT IN CARRIAGEWAYS TO BE IN ACCORDANCE WITH RCD/500/14.
6. FLEXIBLE JOINTS TO BE IN ACCORDANCE WITH CLAUSE 507.14 AND RCD/500/14

GENERAL NOTES

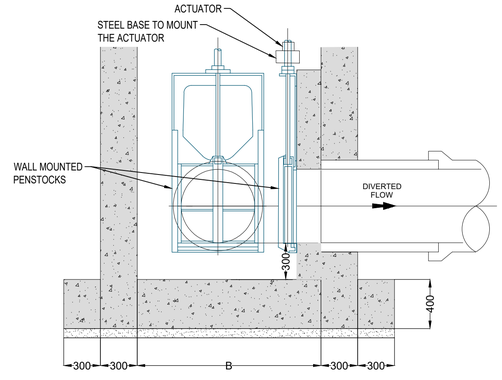
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1 / 903107 SECTION A-A
SCALE 1:25



PLAN



2 / 903107 PENSTOCK DETAIL - SECTION B-B
SCALE 1:25

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REFER TO OSi SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

0 250 500 1000 1500 2000 2500mm
SCALE 1:25 @ A1; 1:50 @ A3

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PS	01.12.25	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway.

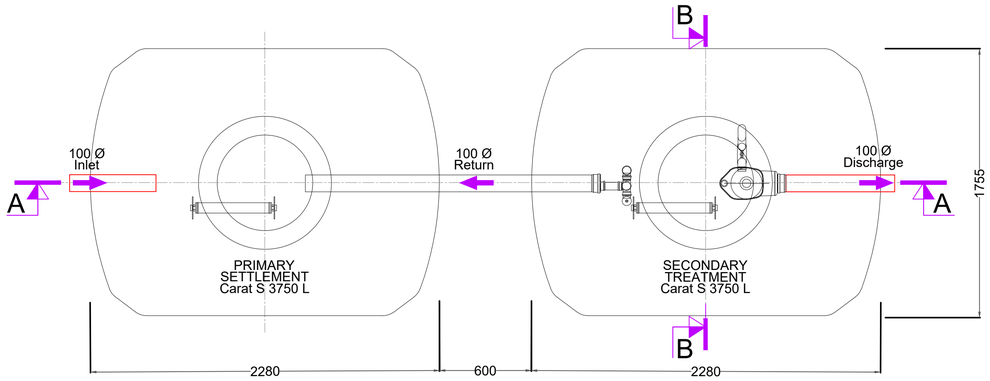
Purpose: PLANNING

Title: TYPICAL DETAILS - SHEET 07 MANHOLE WITH PENSTOCK-ACTUATOR

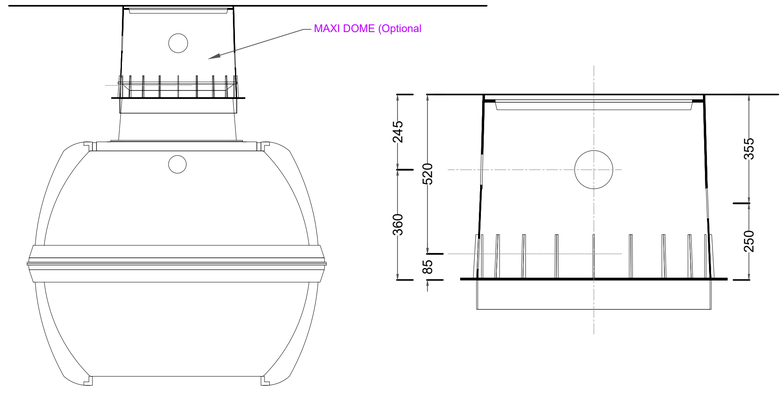
Original Scale	Design/Drawn	Checked	Authorised
AS SHOWN at A1	PS Date 01.12.25	ND Date 01.12.25	AJB Date 01.12.25

Status: A2
Drawing Number: PEK3-ATK-ZZ-01-DR-CE-903107
Rev: 0

File: PEK3-ATK-ZZ-01-DR-CE-903107.dwg
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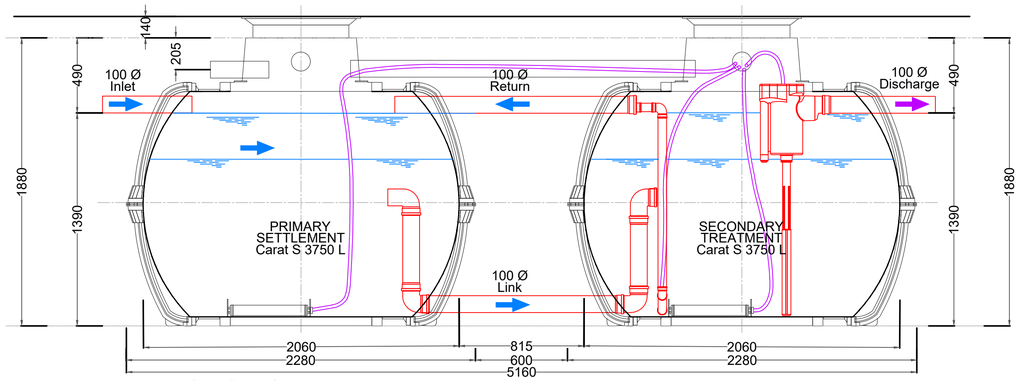


GRAF One2Clean 10 P.E WWT GENERAL ARRANGEMENT PLAN
Scale 1:50

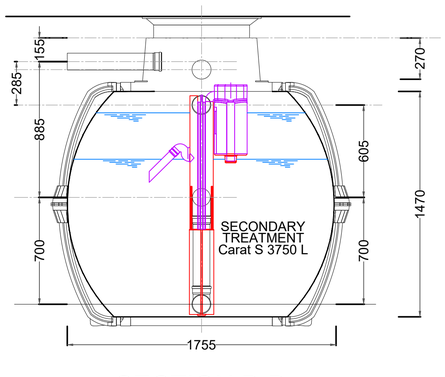


GRAF One2Clean END ELEVATION
Scale 1:50

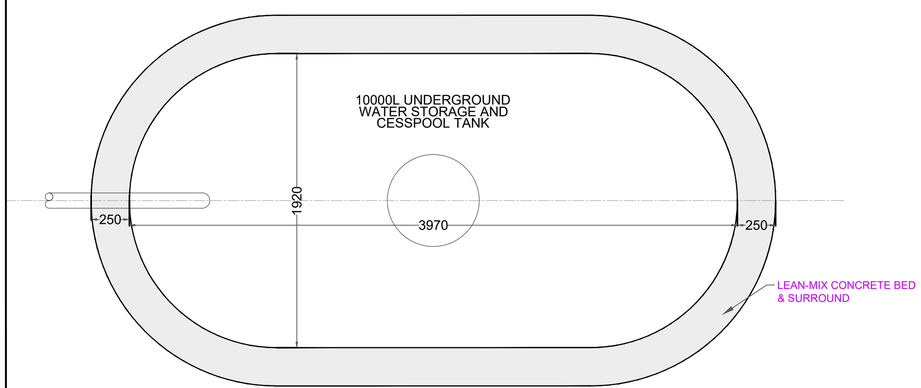
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Scale 1:25



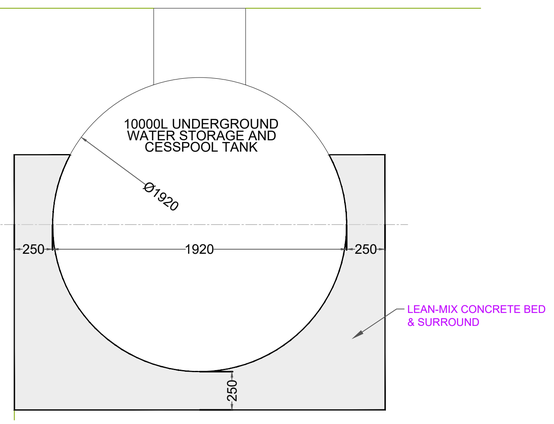
SECTION A-A
Scale 1:50



SECTION B-B
Scale 1:50



TREATED EFFULENT HOLDING TANK
LAYOUT PLAN
Scale 1:50



TREATED EFFULENT HOLDING TANK
CROSS-SECTION
Scale 1:50

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0 0.5 1.0 2.0 3.0 4.0 5.0m

SCALE 1:50 @ A1; 1:100 @ A3

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Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PM	17.01.26	ND	AJB

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: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy, Poilnagroagh, Moanbaun, Castlelambert, Knocknacreeva, Caraunduff, Caherbriskaun, Lisheenkyle East, Barrettspark, Cashla, Athenry, Co. Galway.

Purpose: PLANNING

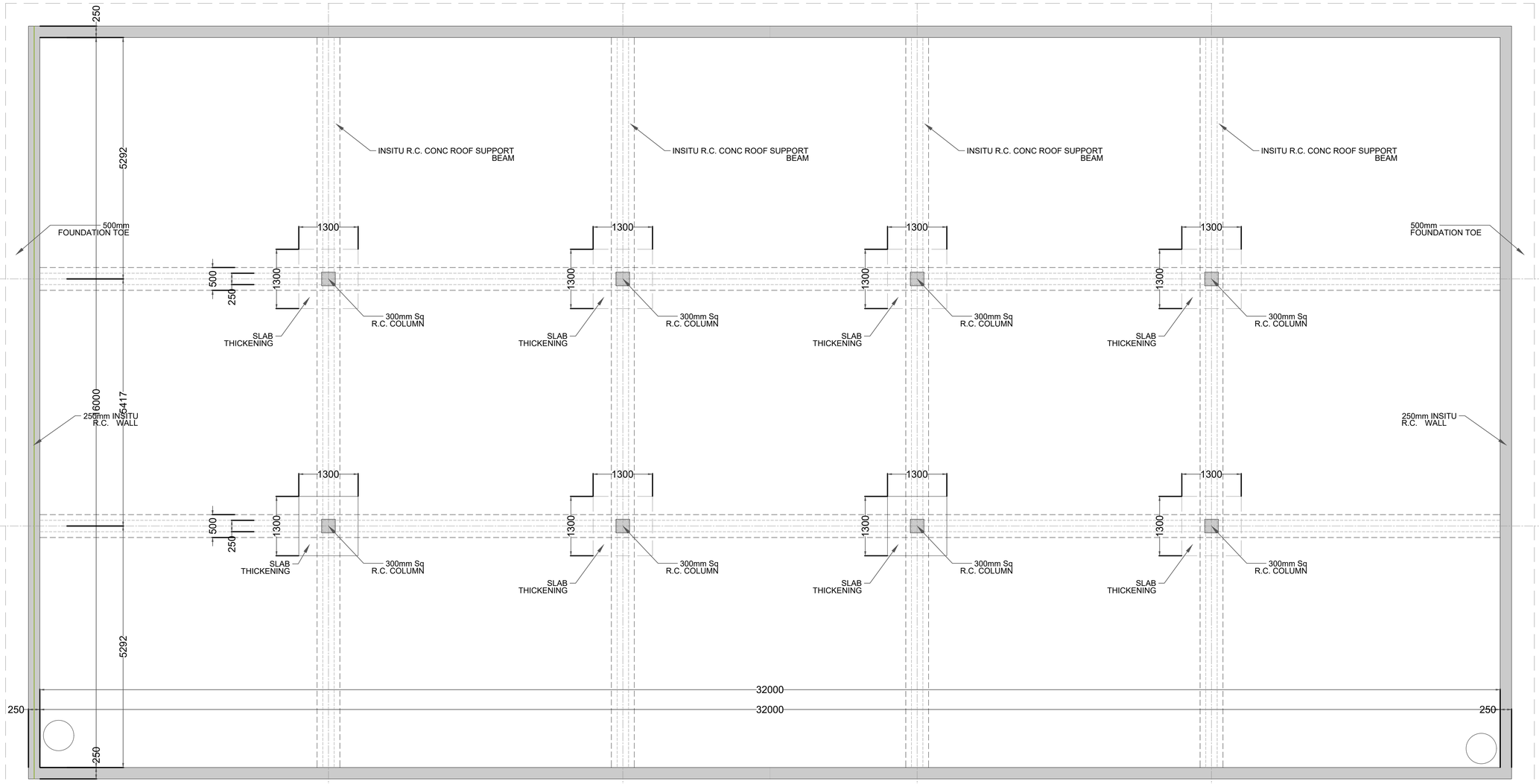
Title: TYPICAL DETAILS - SHEET 08
WASTE WATER TREATMENT UNIT
GENERAL ARRANGEMENT

Original Scale	Design/Drawn	Checked	Authorised
AS SHOWN	PM	ND	GH
	Date 31.05.25	Date 31.05.25	Date 31.05.25

Status	Drawing Number	Rev
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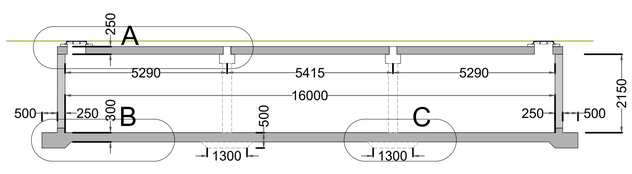
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DO NOT SCALE
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Date: Jan 29, 2026 - 4:39pm Plotted by: SHERB400

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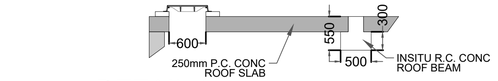
CONTAMINATED FIRE WATER HOLDING TANK LAYOUT PLAN

Scale 1:250



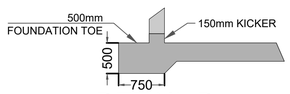
CONTAMINATED FIRE WATER HOLDING TANK CROSS-SECTION

Scale 1:500



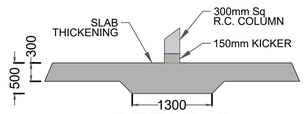
DETAIL A

Scale 1:250



DETAIL B

Scale 1:250



DETAIL C

Scale 1:250

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REFER TO OSI SHEETS 3220-B, 3220-D,3221-A, 3221-B, 3221-C & 3221-D

0 2.5 5.0 10.0 15.0 20.0 25.0m

SCALE 1:250 @ A1; 1:500 @ A3

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Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	PM	17.01.26	ND	AJB

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Tel : +353 1 810 8000 Email : info.ie@atkinsréalis.com

Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy, Pollnagroagh, Moanbaun, Castlelambert, Knocknacreeva, Caraunduff, Caherbriskaun, Lisheenkyle East, Barrettspark, Cashla, Athenry, Co. Galway.

Purpose: PLANNING

Title: TYPICAL DETAILS - SHEET 09
CONTAMINATED FIRE WATER HOLDING TANK
GENERAL ARRANGEMENT

Original Scale	Design/Drawn	Checked	Authorised
AS SHOWN	PM	ND	GH
	Date 31.05.25	Date 31.05.25	Date 31.05.25

Status	Drawing Number	Rev
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A1 DO NOT SCALE

File: PEK3-ATK-ZZ-01-DR-CE-903109.dwg Date: Jan 29, 2026 - 4:39pm Plotted by: SHE68400

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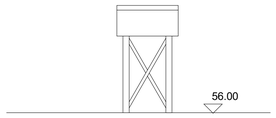
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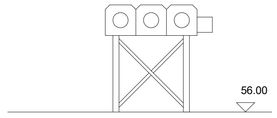




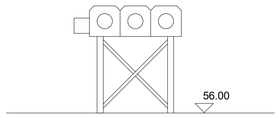
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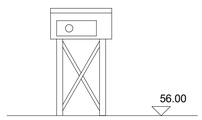
North Elevation
SCALE 1 : 100



East Elevation
SCALE 1 : 100



West Elevation
SCALE 1 : 100



South Elevation
SCALE 1 : 100

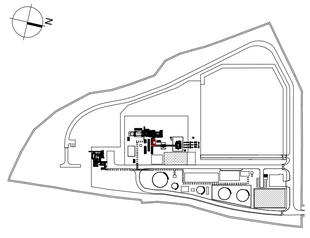
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FINISHES LEGEND:

• Painted Metal Finish

Key Plan



Rev.	Date	Description	By	Rev'd	Chk'd	App'd
P00	14/01/2026	Planning Issue	AH	.	JM	AJ

Drawing Suitability: FOR PLANNING
Status: P

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Client: BORD GÁIS ENERGY

Project Title: Cashla Peaker Plant, Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway

Drawing Title: Generator Circuit Breaker - Plan , Elevation

Scale	Drawn	Checked	Reviewed	Authorised
As indicated	AH	JM	AJB	AJB
Original Size	**Date**	**Date**	**Date**	**Date**
A1	25-06-2025	25-06-2025	26-06-2025	26-06-2025

Drawing Number: PEK3-ATK-ZZ-ZZ-DR-A-ATK-000052
Revision: P00

Atkins Project Number: IREBIM1

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CLASSIFICATION - AtkinsRéalis Base Line (Low Risk)

LEGEND:

SYM.	DESCRIPTION
	PROPOSED ROAD
	PROPOSED GRAVEL PAVING
	PROPOSED CONCRETE PAVING
	PROPOSED GRASSLAND
	PROPOSED HEDGEROW
	EXISTING VEGETATION
	SCREEN WOODLAND
	SPECIMEN TREE
	PROPOSED INDICATIVE EARTH MOUNDING
	SITE BOUNDARY

NOTES

01 PROPOSED HEDGEROW.

02 PROPOSED GRASSLAND.

03 EXISTING VEGETATION.

04 WOODLAND PLANTING.

05 SOAKAWAY RETENTION POND.

06 INDICATIVE EARTH MOUNDING.

07 HIBERNACULUM FOR WILDLIFE.

08 EXISTING STONE WALL RETAINED.



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www.eb-la.com

CLIENT:
BORD GÁIS ENERGY

PROJECT/DRAWING TITLE:
CASHLA PEAKER PLANT- LANDSCAPE PLAN (1 OF 3)
RATHMORRISSY AND POLLNAGROAGH (TOWNLANDS), ATHENRY, CO. GALWAY.

LOCATION:
CO. GALWAY

N

DRAWING NUMBER:
24032-CO-LP-1-01-REV-10

SCALE:
1:1000@A1

DATE:
09.12.2025

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LEGEND:

SYM.	DESCRIPTION
	PROPOSED ROAD
	PROPOSED GRAVEL PAVING
	PROPOSED CONCRETE PAVING
	PROPOSED GRASSLAND
	PROPOSED HEDGEROW
	EXISTING VEGETATION
	SCREEN WOODLAND
	SPECIMEN TREE
	PROPOSED INDICATIVE EARTH MOUNDING
	SITE BOUNDARY

NOTES

01 PROPOSED HEDGEROW.

02 PROPOSED GRASSLAND.

03 EXISTING VEGETATION.

04 WOODLAND PLANTING.

05 SOAKAWAY RETENTION POND.

06 INDICATIVE EARTH MOUNDING.

07 HIBERNACULUM FOR WILDLIFE.

08 EXISTING STONE WALL RETAINED.

MATCHLINE A-A

MATCHLINE B-B

Pond

<ita>Poll na gCruach</ita> Pollnagroagh

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CLIENT:
BORD GÁIS ENERGY

PROJECT/DRAWING TITLE:
CASHLA PEAKER PLANT- LANDSCAPE PLAN (2 OF 3)
RATHMORRISSY AND POLLNAGROAGH (TOWNLANDS), ATHENRY, CO. GALWAY.

LOCATION:
CO. GALWAY

N

DRAWING NUMBER:
24032-CO-LP-1-02-REV-10

SCALE:
1:1000@A1

DATE:
09.12.2025

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LEGEND:

SYM. DESCRIPTION

- PROPOSED ROAD
- PROPOSED GRAVEL PAVING
- PROPOSED CONCRETE PAVING
- PROPOSED GRASSLAND
- PROPOSED HEDGEROW
- EXISTING VEGETATION
- SCREEN WOODLAND
- SPECIMEN TREE
- PROPOSED INDICATIVE EARTH MOUNDING
- SITE BOUNDARY

NOTES

01 PROPOSED HEDGEROW.

02 PROPOSED GRASSLAND.

03 EXISTING VEGETATION.

04 WOODLAND PLANTING.

05 SOAKAWAY RETENTION POND.

06 INDICATIVE EARTH MOUNDING.

07 HIBERNACULUM FOR WILDLIFE.

08 EXISTING STONE WALL RETAINED.

Castle
(Site of)

MATCHLINE B-B

MATCHLINE B-B

<ita>Poll na
gCruach</ita>
Pollnagroagh

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CLIENT:
BORD GÁIS ENERGY

PROJECT/DRAWING TITLE:
CASHLA PEAKER PLANT- LANDSCAPE PLAN (3 OF 3)
RATHMORRISSY AND POLLNAGROAGH (TOWNLANDS), ATHENRY, CO. GALWAY.

LOCATION:
CO. GALWAY

N

DRAWING NUMBER:
24032-CO-LP-1-03-REV-10

SCALE:
1:1000@A1

DATE:
09.12.2025

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DO NOT SCALE

KEY TABLE

1	ADMINISTRATION BUILDING SUBSTATION
2	AGI PEDESTRIAN ACCESS GATE
3	UNDERGROUND WASTEWATER TREATMENT PLANT
4	ADMINISTRATION BUILDING
5	WORKSHOP BUILDING
6	MAINTENANCE LAY DOWN AREA
7	MAIN ENTRANCE GATES
8	EMERGENCY ACCESS GATES
9	FUEL TANK - CAPACITY 2x3502cu.m 20MØ 11.1m HIGH
10	FUEL TANK BUND - 2.5m HIGH
11	ELECTRICAL CONTROL BUILDING
12	DEMIN TANK PUMP SKID
13	SERVICE WATER PUMP SKID
14	EMERGENCY DIESEL GENERATOR
15	CO2 FIRE FIGHTING SKID
16	GENERATOR
17	COMPRESSOR CLEANING SKID AND TANKS
18	TURBINE
19	FUEL GAS SUPPLY SYSTEM SKID
20	--ITEM NUMBER NOT USED INTENTIONALLY--
21	TURBINE EXHAUST STACK
22	CONTINUOUS EMMISSIONS MONITORING UNIT
23	--ITEM NUMBER NOT USED INTENTIONALLY--
24	--ITEM NUMBER NOT USED INTENTIONALLY--
25	UNIT AUIXILIARY TRANSFORMER (UAT)
26	GSU TRANSFORMER
27	AIR COOLING SKID
28	WATER SKID
29	PROPANE TANK
30	GENERATOR CIRCUIT BREAKER
31	OIL LUBE SKID
32	DUAL FUEL MODULE
33	COMPRESSED AIR SKID
34	--ITEM NUMBER NOT USED INTENTIONALLY--
35	FIN FAN COOLER
36	RATHMORRISSY AGI (DRAWING 2183-DG-1001)
37	FUEL FORWARDING & UNLOADING AREA
38	--ITEM NUMBER NOT USED INTENTIONALLY--
39	FIRE & SERVICE WATER TANK
40	ELECTRICAL AND INSTRUMENTATION KIOSK (DRAWING 2183-DG-1005)
41	FIRE WATER PUMP SKID
42	WATER TREATMENT PLANT
43	GAS ANALYSER KIOSK (DRAWING 2183-DG-1006)
44	DEMIN WATER TANK 7555M3 25MØ 15.4M HIGH
45	MAIN PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1002)
46	SOAKAWAY RETENTION POND
47	ANCILLARY PRESSURE REDUCTION KIOSK (DRAWING 2183-DG-1004)
48	UNDERGROUND 1087cu.m CONTAMINATED FIREWATER TANK
49	BOILER HOUSE KIOSK (DRAWING 2183-DG-1003)
50	DEMIN WASTE TANK - 10mØ 5m HIGH

Millimetres 0 10 100

M18

CCTV 1 CCTV 2 CCTV 3 CCTV 4 CCTV 5 CCTV 6 CCTV 7 CCTV 8

D3 D4 D6 D8

SCALE 1:500 @ A0 1:1000 @ A1

0 5.0 10.0 20.0 30.0 40.0 50.0m

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ELECTRICAL NOTES

1) ELECTRICAL INSTALLATION TO BE CARRIED OUT IN ACCORDANCE WITH IS 10101:2020 ALL ELECTRICAL WORK WILL BE CARRIED OUT BY A COMPETENT ELECTRICAL CONTRACTOR. THE INSTALLATION, I.E DESIGN, CONSTRUCTION, INSPECTION AND TESTING WILL BE COMPLETED IN STRICT ACCORDANCE WITH IS 10101:2020 AND IN COMPLIANCE WITH OTHER REGULATIONS.
2) PROPOSED NEW LIGHTING HAS BEEN DESIGNED IN ACCORDANCE WITH IS EN 13201-2:2015, BS 5489-1:2020 AND EIRGRID ELECTRICAL AND MECHANICAL SERVICES FOR TRANSMISSION SYSTEMS CONTROL BUILDING AND COMPOUND XDS-GFS-00-001
3) GROUP SWITCHING OF NEW LIGHTING SYSTEM WILL BE FACILITATED VIA THE INDIVIDUAL PHOTOCELLS MOUNTED ON LUMINAIRE HEADS.
4) THE AREAS AS FOLLOW HAVE BEEN DESIGNED ACCORDING TO THE FOLLOWING STANDARDS:
   - EIRGRID COMPOUND SHALL BE DESIGNED IN ACCORDANCE WITH XDS-GFS-00-001 [EMIN=2LUX]
   - ROADS ARE DESIGNED IN ACCORDANCE WITH BS 5489-1:2013 & EN13201-2:2015 TO CLASS C4. [EAV MIN=10 LUX / UO=0.6]
   - MAINTENANCE FACTOR 0.89
5) ALL PERIMETER LUMINAIRES AND ANY FUTURE EIRGRID COMPOUND HIGH MASTS TO BE INSTALLED WITH BACK BAFFLES TO LIMIT THE AMOUNT OF LIGHT SPILL TO THE REAR OF THE LUMINAIRE

LEGEND

SYMBOL	IMAGE	DESCRIPTION
TYPE-A		Luminaire A Height: 8Mtr AXIA 3.1 5295 Integrated lenses 16 OSLON SQUARE GIANT@870mA Lamp 16 OSLON SQUARE GIANT@870mA WW 727 230V 00-53-397 MF 0.89
TYPE-B		Luminaire B Height: 20Mtr P865-128-4Z-4x4-727-SA-0550-101W Lamp 727SA MF 0.89
TYPE-C		Luminaire C Height: 8Mtr AXIA 3.1 5384 Integrated lenses 16 OSLON SQUARE GIANT@870mA Lamp 16 OSLON SQUARE GIANT@870mA WW 727 230V 00-53-397 MF 0.89
TYPE-D		Luminaire D Height: 8Mtr ANSELL AZTEC FLOODLIGHT ASYMETRIC 3000K
CCTV		SINGLE CCTV CAMERA MOUNTED ON 7.5M COLUMN FOR SITE ACCESS ROAD
CCTV		2NO.CCTV CAMERA MOUNTED ON 7.5M COLUMN FOR SITE
		PROJECT ELEMENT OUTLINE
5.0		5 Lux Levels
3		3 Lux Levels
1		1 Lux Levels
0.5		0.5 Lux Levels
0.25		0.25 Lux Levels

Light Spill Details:
Results - Horizontal Illuminance (lux)
Eav= 0.81
Emin= 0.01
Emax= 11.90
Emin/Emax= 0.00
Emin/Eav= 0.01
Emax/Eav= 0.01

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	RRT	31/10/25	SR	AJB

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Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Pollnagroagh (Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: PROPOSED SITE LIGHTING LAYOUT

Original Scale	Design/Drawn	Checked	Authorised
1:500 at A1 1:1000 at A3	RRT Date 31/10/25	SR Date 31/10/25	AJB Date 31/10/25

Status	Drawing Number	Rev
A2	PEK3-ATK-ZZ-ZZ-DR-EE-901300	0

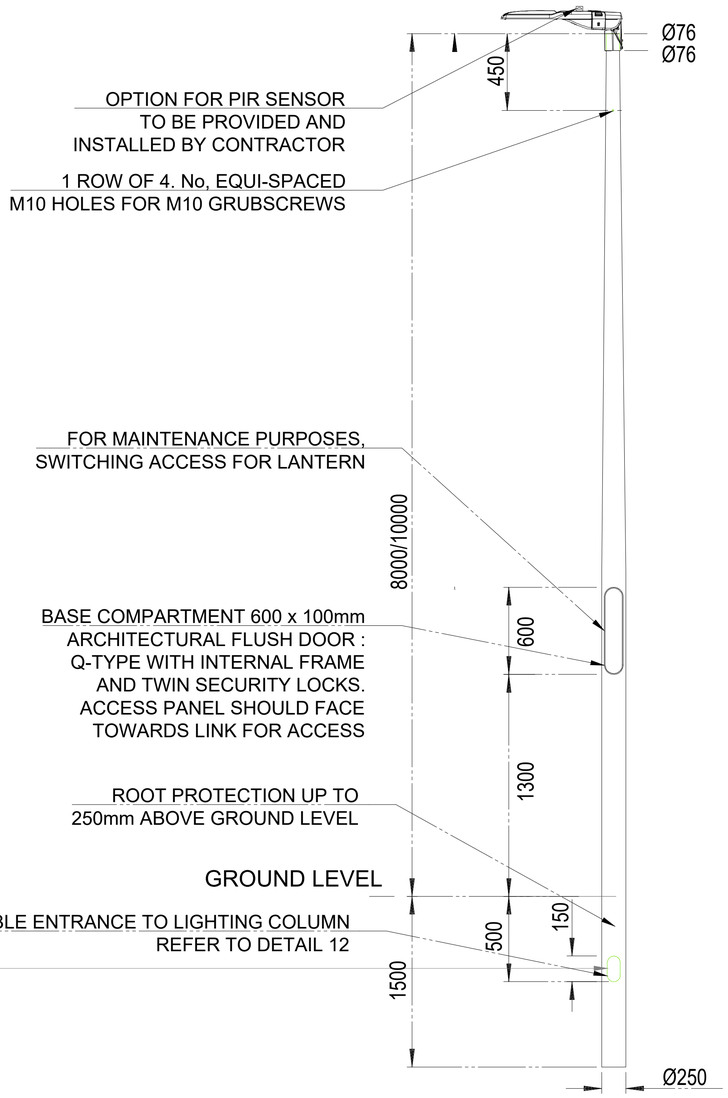
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DO NOT SCALE

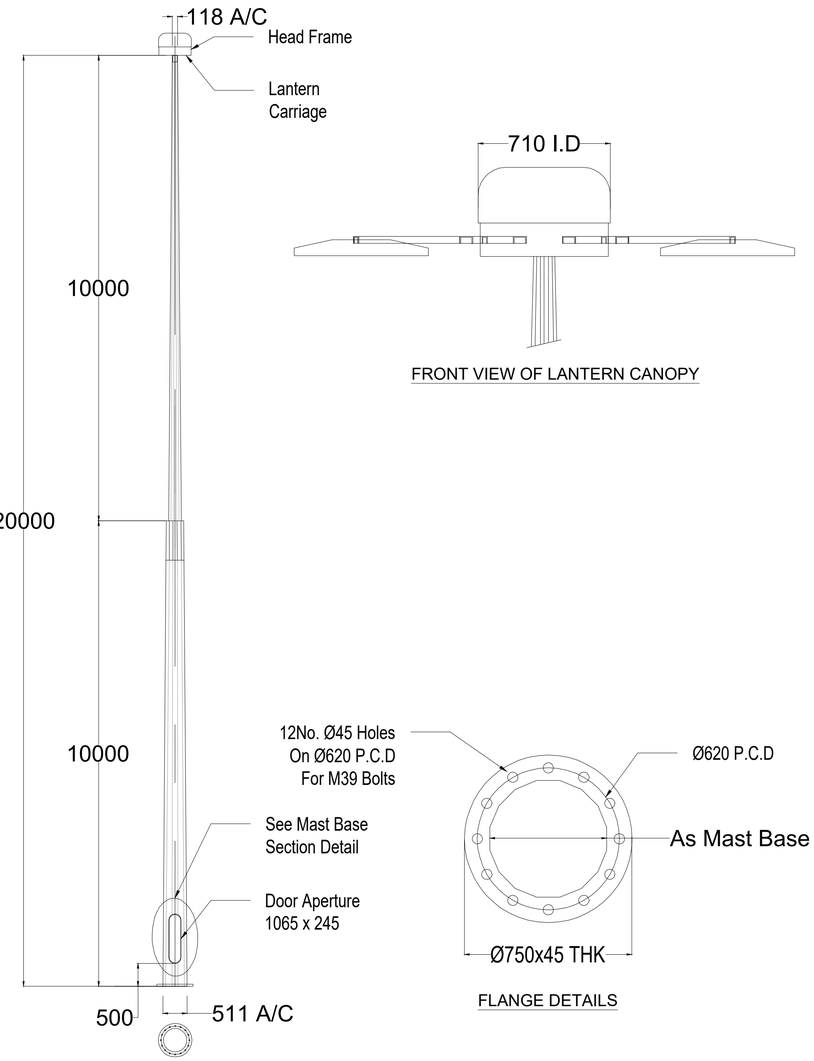
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DETAIL 1

8/10 METER POLE



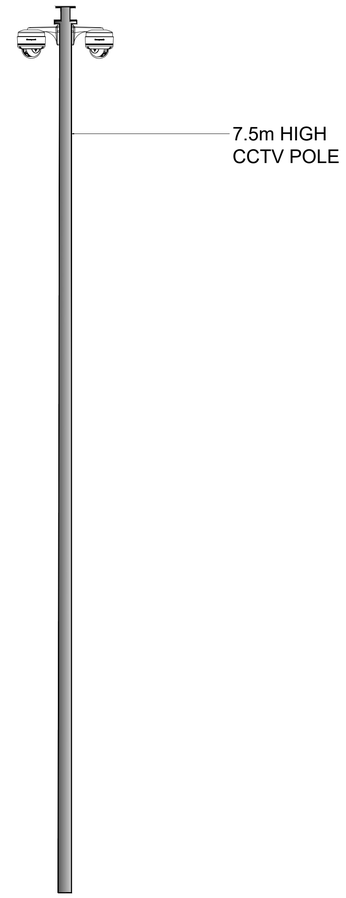
FRONT VIEW OF LANTERN CANOPY

710 I.D

FLANGE DETAILS

DETAIL 2

20 METER HIGHMAST



DETAIL 3

7.5 METER CCTV POST

Rev	Description	By	Date	Chk'd	Auth
0	ISSUED FOR PLANNING	RRT	31/10/25	SR	AJB

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Client: Bord Gáis Energy

Project: CASHLA PEAKER PLANT
Rathmorrissy and Polinagroagh (Townlands), Athenry, Co. Galway.

Purpose: PLANNING

Title: PROPOSED SITE LIGHTING DETAILS

Original Scale	Design/Drawn	Checked	Authorised
NTS	RRT	SR	AJB
	Date 31/10/25	Date 31/10/25	Date 31/10/25

Status	Drawing Number	Rev
A2	PEK3-ATK-ZZ-ZZ-DR-EE-901301	0

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