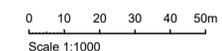


SITE LAYOUT
SCALE 1:1000



Ref	Name	Description	X	Y
A1	Odour Control Unit Stack	Exhaust stack for treated air from odour control unit processing air from feedstock building, separated digester building, and liquid feedstock tanks. Air treated with chemical scrubber, carbon and UV polishing	450427.0	432091.0
A2	Standby Generator Exhaust	753 kW net rated thermal input. Diesel fuel	450467.0	432117.0
A3	Natural Gas Generator 2 Exhaust	3 MW net rated thermal input. Natural gas fuel	450464.0	432086.0
A4	Natural Gas Generator 1 Exhaust	3 MW net rated thermal input. Natural gas fuel	450469.0	432086.0
A5	L-CO2 Unit Vent 1	Over pressure vents for emergency use on carbon capture system	450442.4	432027.5
A6	L-CO2 Unit Vent 2	Over pressure vents for emergency use on carbon capture system	450442.4	432028.2
A7	L-CO2 Unit Vent 3	Over pressure vents for emergency use on carbon capture system	450449.3	432043.0
A8	L-CO2 Unit Vent 4	Over pressure vents for emergency use on carbon capture system	450450.2	432042.8
A9	L-CO2 Unit Vent 5	Over pressure vents for emergency use on carbon capture system	450444.2	432059.9
A10	GEU Vent 1	Over pressure vents for emergency use in Grid Entry Unit	450484.1	432114.0
A11	GEU Vent 2	Over pressure vents for emergency use in Grid Entry Unit	450487.7	432114.4
A12	GEU Vent 3	Over pressure vents for emergency use in Grid Entry Unit	450486.3	432112.7
A13	GEU Vent 4	Over pressure vents for emergency use in Grid Entry Unit	450491.0	432113.9
A14	GEU Vent 5	Sample vent for biomethane sampling line	450489.7	432112.1
A15	BLUP Off Gas Stack	BLUP releases to common vent stack. Prior to L-CO2 installation all CO2 vented via stack. Post L-CO2 installation, stack only for emergency and maintenance purposes	450479.0	432093.0
A16	Lagoon Vents	Lagoon vents collectively channeled to common carbon abatement system with a single release point.	450450.0	432296.0
A17	Boiler Stack	500 kW biogas boiler	450475.0	432072.0
A18	Pressure/Vacuum Relief Valve	Outer digester ring pressure/vacuum relief	450366.0	432108.0
A19	Pressure/Vacuum Relief Valve	Inner digester ring pressure/vacuum relief	450368.0	432107.5
A20	Pressure/Vacuum Relief Valve	Post digester pressure/vacuum relief	450362.0	432054.3
A21	Flare 1	Back up flare. Servicing the AD plant and therefore flaring biogas. Emergency use only.	450427.6	432052.6
A22	Flare 2	Back up flare. Servicing the gas to grid system and therefore flaring clean biogas and biomethane. Emergency use only.	450425.8	432041.5
A23	Tanker Filling Point Vent	Liquid digester tankers will vent their headspace via carbon abatement system.	450451.0	432293.0
W1	Water Discharge	Site surface water run-off only. Water collected and discharged via attenuation tank into Mill Dike	450336.0	432353.0

- NOTES
- GRAVEL TRACK
Type 3 gravel
 - CONCRETE
PAV2 according to BS8500-1
 - ASPHALT
Agricultural mix
 - SITE FENCE
 - EXCLUSION ZONES
 - CONTAINER AIR EMISSION BOUNDARY
 - INSTALLATION BOUNDARY

HOLDS

LICENCE, SITE-SPECIFIC USE & TENDER RESTRICTION
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REV	DRAWN	DATE	APP. ENG.	DETAILS OF REVISION
1	TF	03.02.26	BP	ISSUED FOR PERMIT APPLICATION
0	TF	28.01.26	BP	ISSUED FOR INFORMATION

IPDS Intelligent Project Design Services
Cardiff House, Cardiff Road, Barry
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Halstow Energy Ltd
Proposed Agricultural Anaerobic Digestion Facility
Land East of A162, Home Farm, Bond Ings
Sherburn in Elmet, LS25 6EP

CLIENT DRG. No. **TBC**

AUTHOR	Trystan Foote	APPROVED BY	A SHIRANI
DATE	28/01/26	APPROVED DATE	28/01/26

PROJ No. **RBL-0409**

TITLE: **RBL HOME FARM GRANGE ENVIRONMENT AGENCY POINT SOURCE EMISSIONS**

SCALE:	IPDS	DRG. No.	0409-DWG-RBL-50-1011	REV	1
1:1000					

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