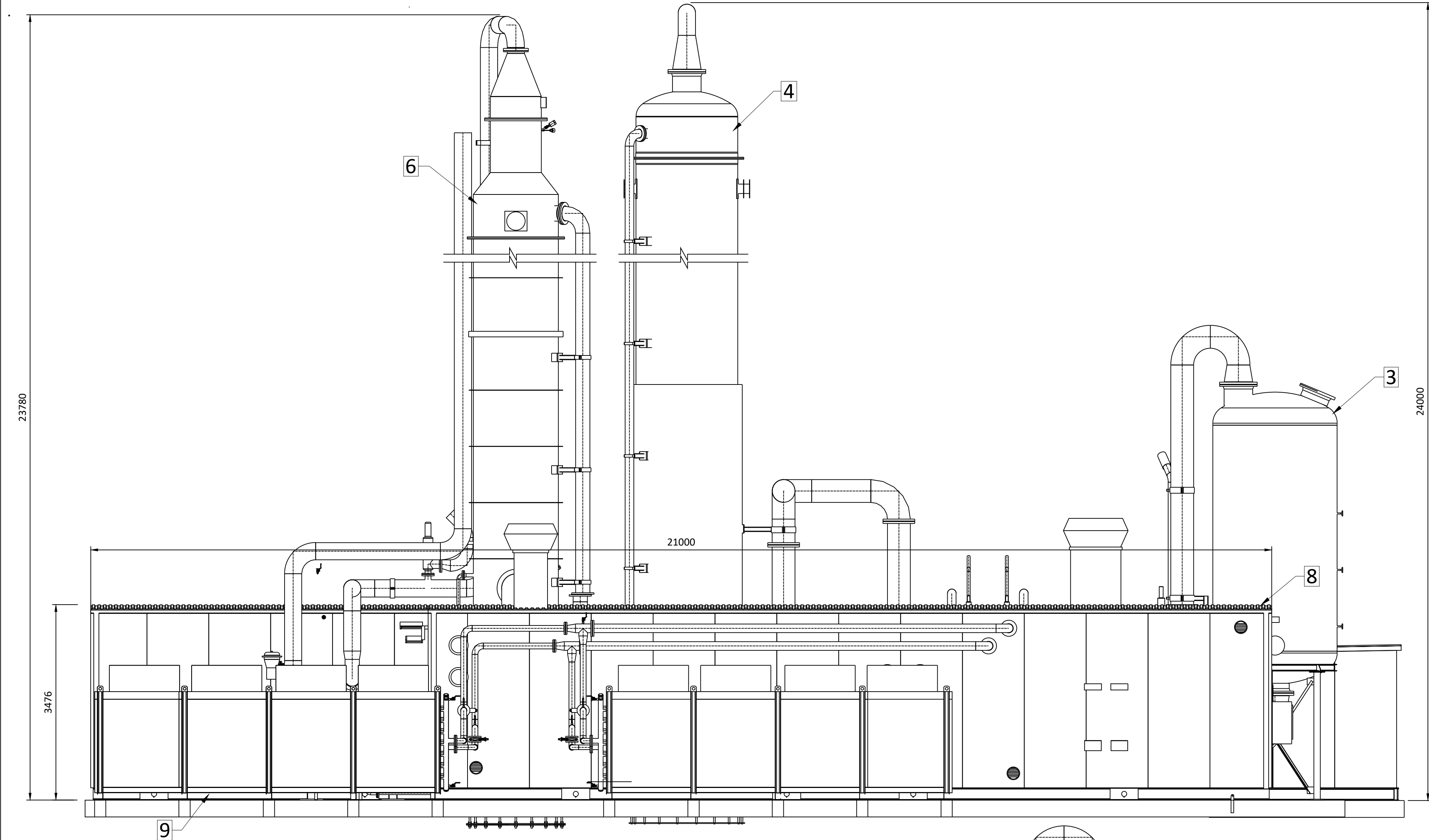
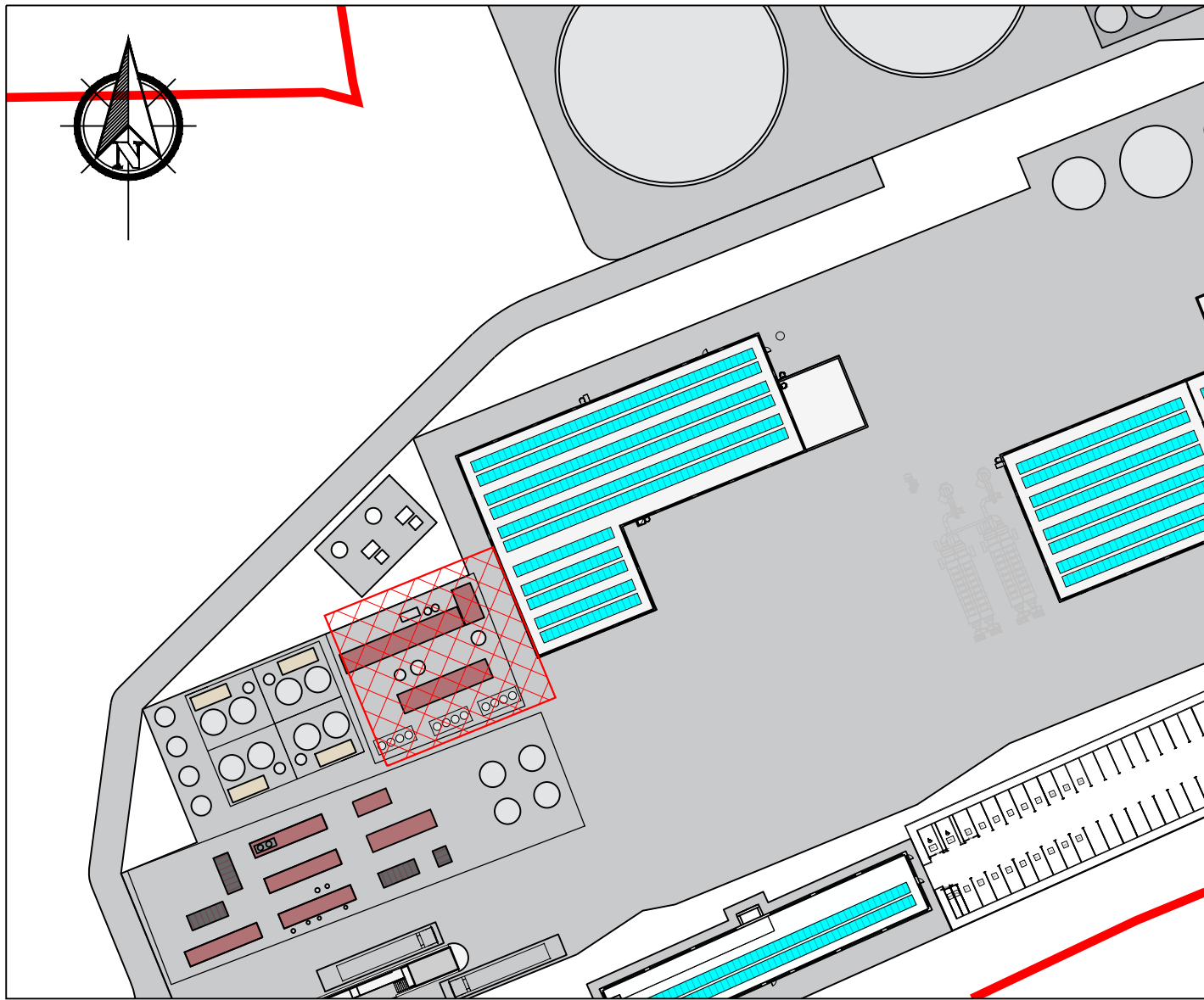




ELEVATION 1 - LOOKING NORTH
Scale 1:50



KEYPLAN
Scale 1:1000

If Applicable : Tailte Éireann Licence No. CYAL50368274 © Ordnance Survey Ireland and Government of Ireland

GAS UPGRADE PLANT KEYNOTES	
1	Raw Biogas Inlet
2	Blower Units
3	Granular Activated Carbon Filter. (H ₂ S Removal)
4	Absorption Column (CO ₂ Separation) by Amine Liquid
5	Methane to Renewable Natural Gas Container (Odourisation and Conditioning [Drying])
6	Stripper Column. (CO ₂ Removal From Enriched Amine Liquid Stream by Heating
7	Process Heat Exchanger
8	Process Heating Control Container
9	Process Cooling
10	Process Cooling
11	Granulated Carbon Filters

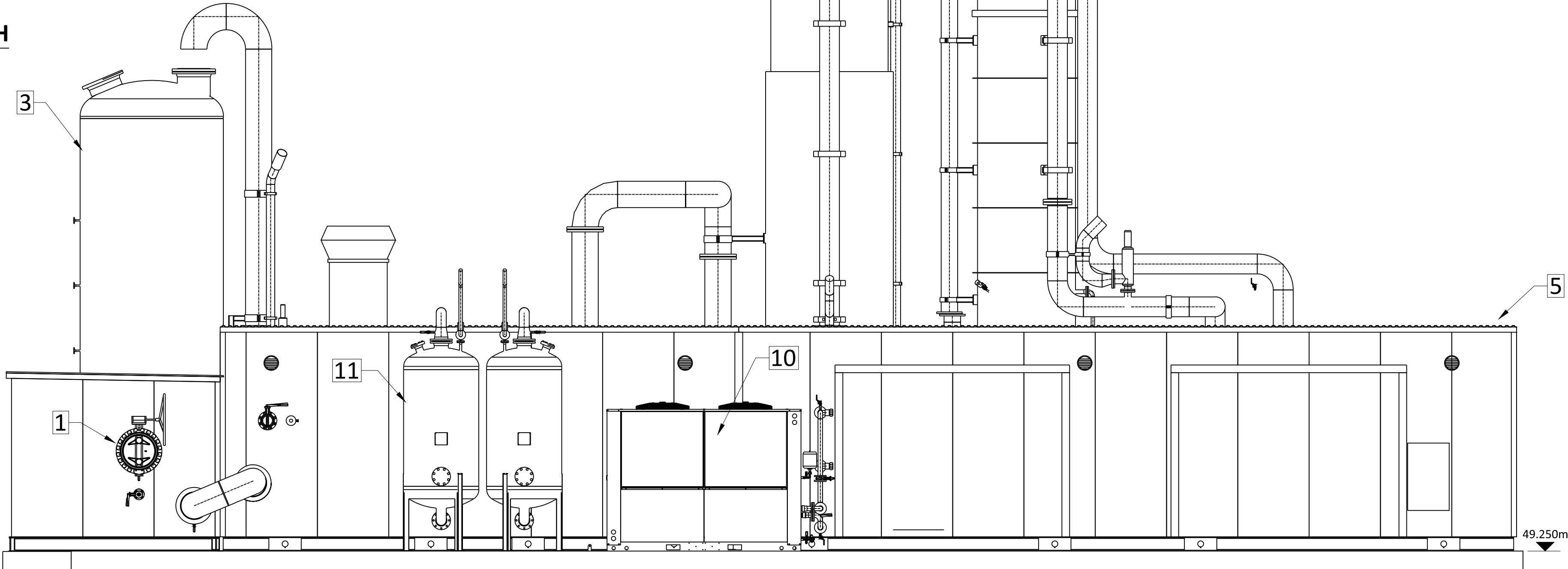
NOTES.
Drawings for Planning Purposes Only.

Subject to Detailed Mechanical, Electrical and Process Design.

Biogas Separation by Amine Based Technology.

Heat to be Provided by Biomass Boiler. For Heating Centre Details Refer to P24188-FT-XX-XX-DR-CE-1745.

Levels are relative to Malin Head Datum.



ELEVATION 2 - LOOKING SOUTH
Scale 1:50

Rev.	Description	App By	Date
P01	ISSUE FOR PLANNING	JON	18.06.26

PROJECT		CLIENT		
POWERSTOWN BIOENERGY				
SHEET		Date	28.08.25	Project number
GAS UPGRADE PLANT - ELEVATIONS, SECTIONS & DETAILS		Drawn by	NW	P24-188
		Checked by	JON	Drawing Number
				P24188-FT-XX-XX-DR-CE-1751
				Scale (@ A1) 1:50
				Rev P01