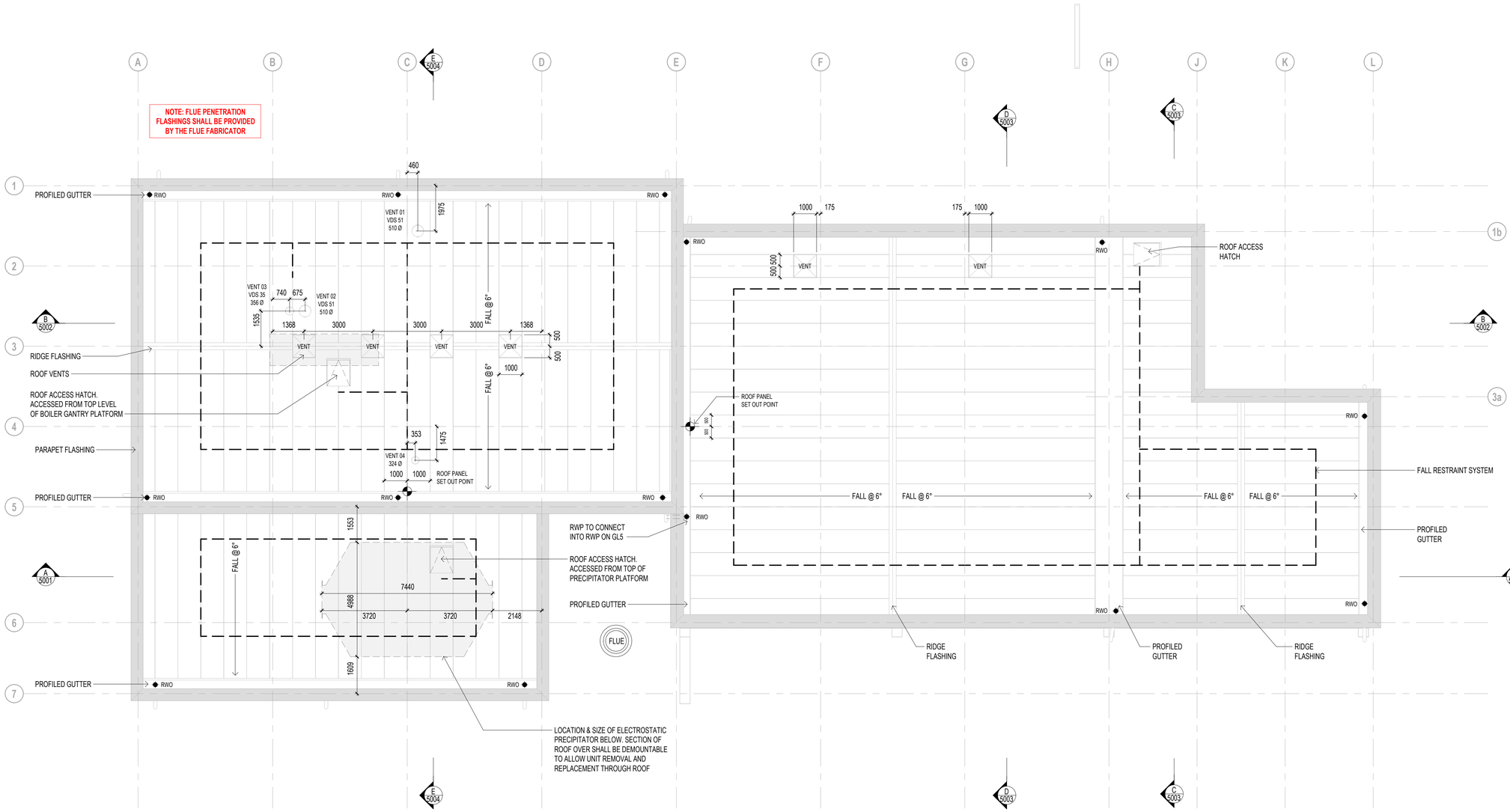
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PROPOSED ROOF PLAN

1 : 100

TO BE READ IN CONJUNCTION WITH THE FOLLOWING:
- 5000 SERIES FOR SECTION DRAWINGS
- 6000 SERIES FOR CONSTRUCTION DETAILS

NBS SPECIFICATION
TO BE READ IN CONJUNCTION WITH NBS SPECIFICATION:
- H31 METAL PROFILED/FLAT SHEET CLADDING/COVERING
- H43 METAL COMPOSITE CLADDING/COVERING
- R10 RAINWATER DRAINAGE SYSTEMS

STRUCTURE
REFER TO THE STRUCTURAL ENGINEERS DESIGN, SPECIFICATION AND DETAILS FOR PART A COMPLIANCE. STRUCTURAL ELEMENTS SHOWN ON ARCHITECTURAL DRAWINGS ARE INDICATIVE FOR COORDINATION ONLY

MATERIAL CLASSIFICATION
ALL MATERIALS, FIXINGS & FINISHES SHALL BE SUITABLE FOR A MARINE ENVIRONMENT: C4 CLASSIFICATION

AIRTIGHTNESS & THERMAL PERFORMANCE
NO REQUIREMENT

SUB-CONTRACTOR DESIGN
SUB-CONTRACTORS SHOP DRAWINGS ARE TO BE PROVIDED FOR APPROVAL PRIOR TO FABRICATION OF ALL FACTORY MANUFACTURED BESPOKE ELEMENTS. AS-BUILT STRUCTURAL OPENING DIMENSIONS SHALL BE CHECKED ON SITE PRIOR TO FABRICATION

PRODUCTS
ALL SPECIFIC PRODUCTS NOTED ON THE DRAWINGS AND SPECIFICATION ARE SPECIFIED AS 'OR EQUAL APPROVED'

PROFILED METAL ROOF CONSTRUCTION
EUROBOND ROOFSPAN PANEL. STEEL FACED, INSULATED SANDWICH ROOF PANEL WITH STONE WOOL CORE. 50mm CORE PANEL THICKNESS (87mm OVERALL). THERE IS NO FIRE RATING REQUIREMENT FOR THE ROOF

SUPPORT STRUCTURE
ON COLD FORMED STEEL PURLINS @ MAX 1500mm CENTRES FIXED BACK TO PRIMARY STEEL FRAME TO STRUCTURAL ENGINEERS DESIGN & DETAILS

ROOF FLASHINGS, TRIMS & GUTTER
COLOUR COATED, STEEL PARAPET CAPPING TO MATCH WALL PANEL FINISH. FALL TOWARDS ROOF. REFER TO DETAILS FOR PROFILE.

COLOUR COATED, STEEL RIDGE FLASHING TO MATCH ROOF PANEL FINISH

COLOUR COATED, STEEL FACED, INSULATED PROFILED GUTTERS WITH INTEGRAL UPSTANDS AND STOP ENDS.

ROOF PENETRATIONS
ROOF PENETRATIONS SHALL BE SEALED WITH PROPRIETARY FLASHINGS IN ACCORDANCE WITH THE ROOF MANUFACTURERS STANDARD DETAILS

ROOF VENTS
MONODRAUGHT VENTSAIR, ROOF MOUNTED NATURAL VENTILATION TERMINAL

GRAVITY RAINWATER DRAINAGE SYSTEM
RAINWATER OUTLETS FORMED WITHIN THE PROFILED GUTTERS. OUTLETS ARE TO BE THOSE RECOMMENDED BY THE ROOF WEATHERING SUPPLIER WITH GUARD GRATINGS AND FULLY SEALED TO DOWNPIPES.

DOWNPIPES
150mm Ø STAINLESS STEEL RAINWATER DOWNPIPES WITH RODDING ACCESS 1m ABOVE GF FFL. ALL RAINWATER DOWNPIPES TO HAVE SEALED DIRECT CONNECTION TO BELOW GROUND

ROOF OVERFLOW OUTLETS
OVERFLOWS SHALL BE PROVIDED AT THE ENDS OF PROFILED GUTTERS TO DISCHARGE EXCESS WATER, FROM CONDITIONS ABOVE NORMAL RAINFALL, CLEAR OF THE BUILDING.

ROOF ACCESS
BILCO 'OR SIMILAR APPROVED' ACCESS HATCHES TO BE PROVIDED IN THE LOCATIONS SHOWN.

FALL RESTRAINT SYSTEM
A FIXED LANYARD (FALL RESTRAINT) SYSTEM SHALL BE INSTALLED SET BACK FROM THE ROOF PERIMETER TO ALLOW SAFE ACCESS TO ALL AREAS OF THE ROOF AND GUTTER FOR MAINTENANCE. TIE POINTS SHALL BE PROVIDED AT THE ROOF ACCESS HATCHES. LAYOUT SHOWN IS INDICATIVE. FINAL SYSTEM LAYOUT SHALL BE DESIGNED BY THE SPECIALIST SUB-CONTRACTOR.

LEGEND

◆ **RWO** RAINWATER OUTLET

— — FALL RESTRAINT SYSTEM

THIS DRAWING REFERENCES THE FOLLOWING FILES:

Ref:
50795-BGH-EC-ZZ-M3-S-0002 - STRUCTURAL FRAME MODEL
50795-BGH-EC-00-M3-S-0003 - STRUCTURAL FOUNDATION MODEL

0 2 4 6
SCALE 1 : 100

THIS DESIGN IS BASED ON THE AGRO FORST AND OTHER SPECIALIST CONSULTANTS INFORMATION RECEIVED TO DATE OF ISSUE OF THIS DOCUMENT. FURTHER DESIGN DEVELOPMENT MAY BE REQUIRED TO ACCOMMODATE ANY SUBSEQUENT AMENDMENTS BY VITAL ENERGI, AGRO FORST AND ANY OTHER SPECIALIST SUPPLIERS / CONSULTANTS

REV	DATE	DESCRIPTION	DRW	CKD	APP
C1	20.12.24	CONSTRUCTION ISSUE	AC	DJH	DJH
P11	29.11.24	ROOF VENTS UPDATED	JR	DJH	DJH
P10	17.10.24	ROOFLIGHTS REMOVED. VENTS UPDATED	JR	DJH	DJH
P9	17.09.24	STAGE 4B ISSUE	JR	DJH	DJH
P8	02.08.24	UPDATED TO AGRO FORST PROPOSALS	JR	DJH	DJH
P7	30.05.24	UPDATED TO CLIENT COMMENTS	JR	DJH	DJH

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Project: SOFIDEL BIOMASS PLANT
Title: PROPOSED ROOF PLAN

DATE	APR 2024	SCALE	1 : 100	SHEET	A1

CONSTRUCTION | Status: A | Stage: 5

Drg-No: 50795-BGH-EC-RF-DR-A-3010 | Rev: C1