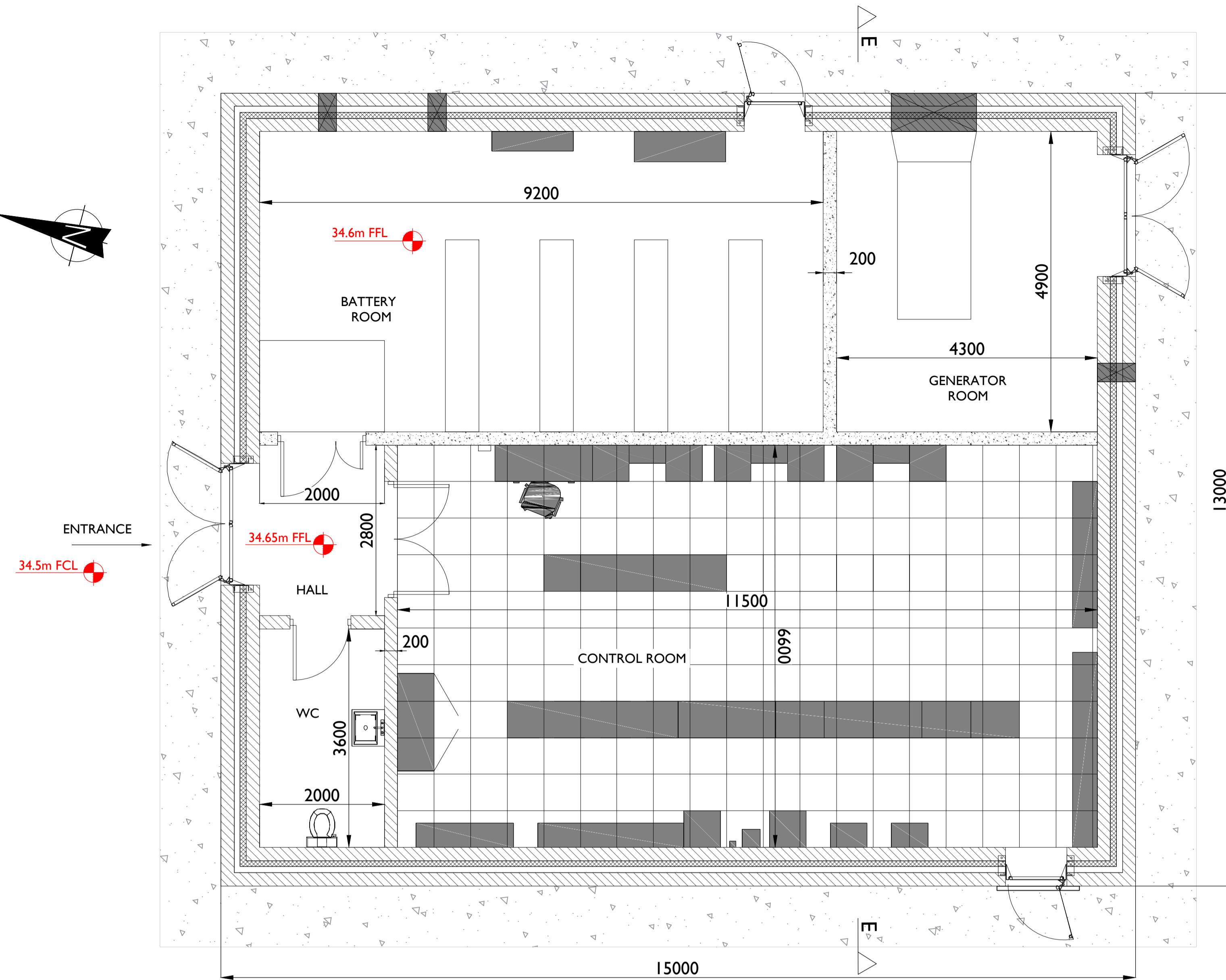
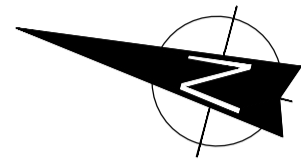
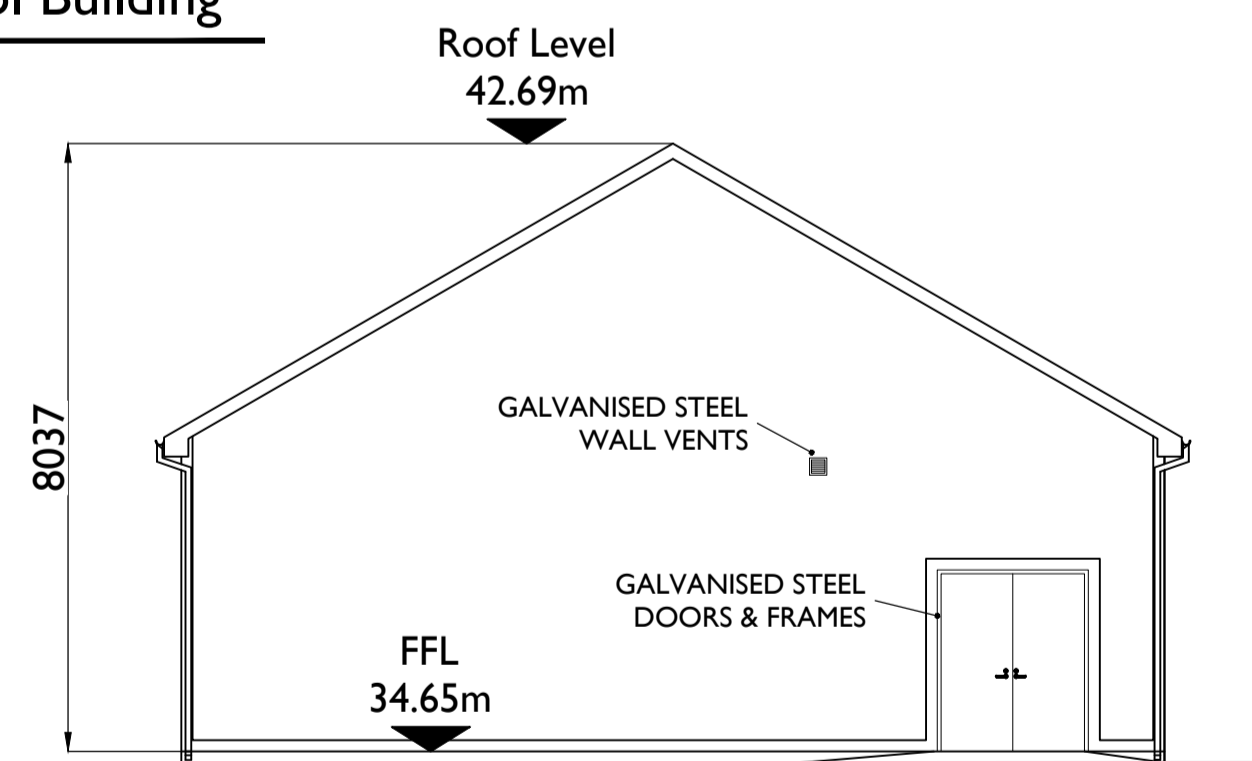


ISO A1 594mm x 841mm



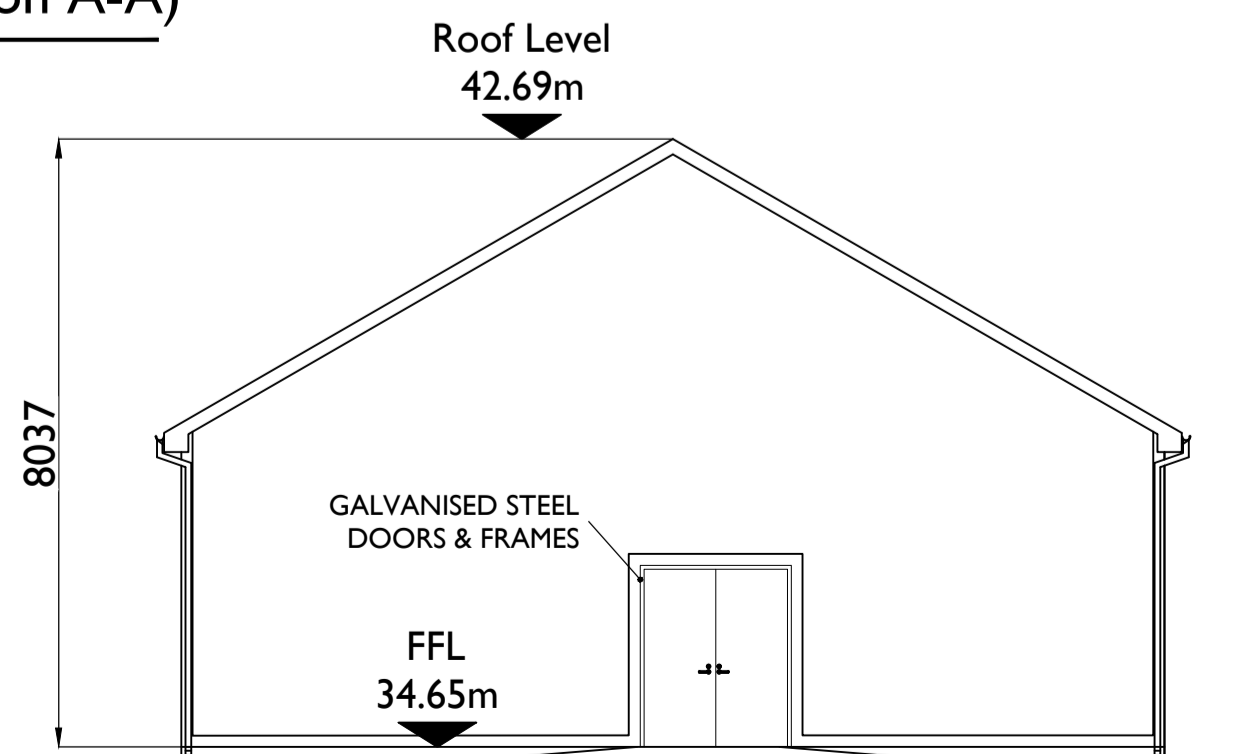
**Plan Layout - Control Building**

Scale : 1:50



**Side Elevation (Section A-A)**

Scale : 1:100



**Side Elevation (Section B-B)**

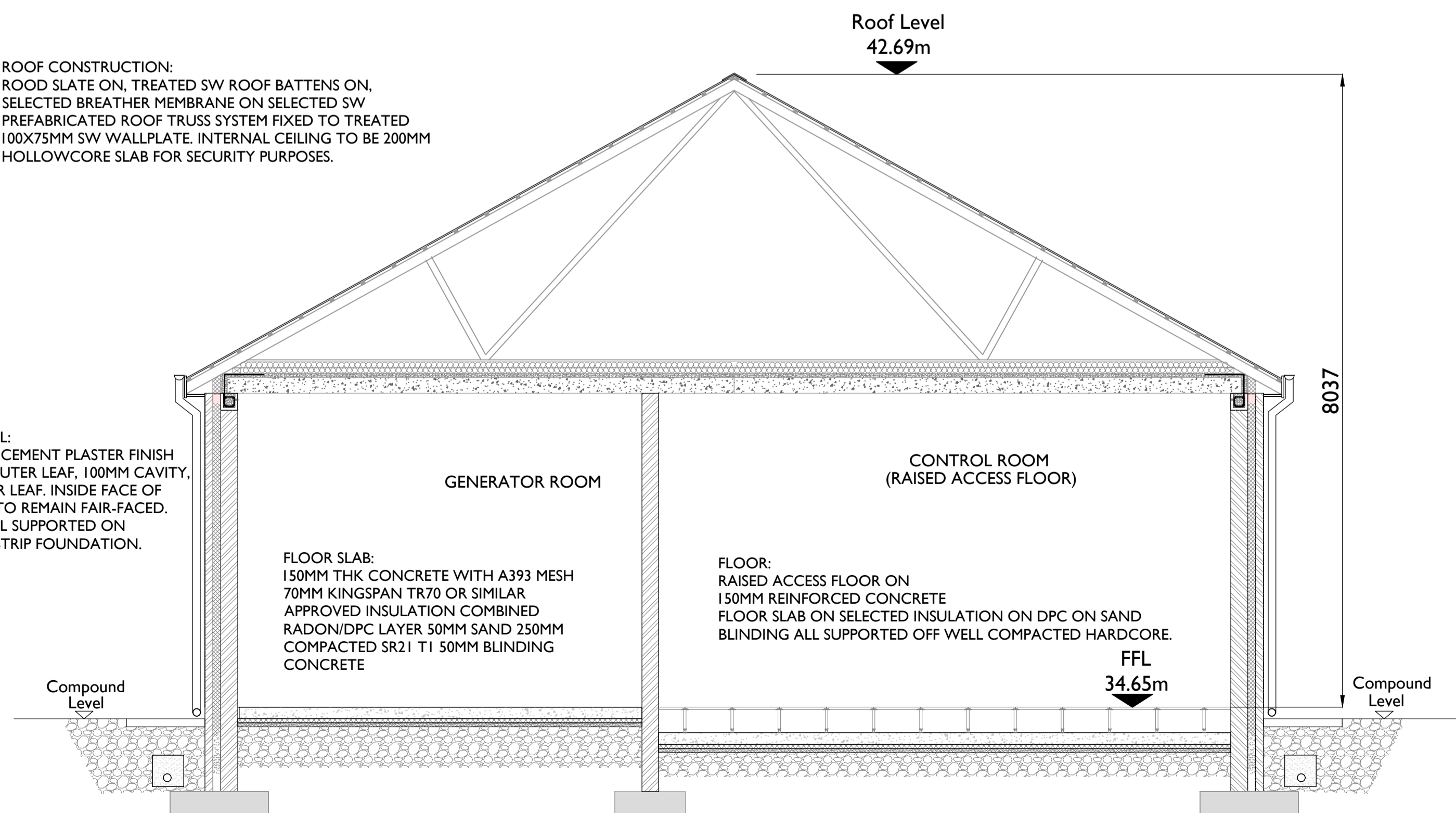
Scale : 1:100

**ROOF CONSTRUCTION:**  
 ROOD SLATE ON, TREATED SW ROOF BATTENS ON,  
 SELECTED BREATHER MEMBRANE ON SELECTED SW  
 PREFABRICATED ROOF TRUSS SYSTEM FIXED TO TREATED  
 100X75MM SW WALLPLATE. INTERNAL CEILING TO BE 200MM  
 HOLLOWCORE SLAB FOR SECURITY PURPOSES.

**CAVITY WALL:**  
 FLAT SAND / CEMENT PLASTER FINISH  
 TO 100MM OUTER LEAF, 100MM CAVITY,  
 215MM INNER LEAF. INSIDE FACE OF  
 INNER LEAF TO REMAIN FAIR-FACED.  
 CAVITY WALL SUPPORTED ON  
 CONCRETE STRIP FOUNDATION.

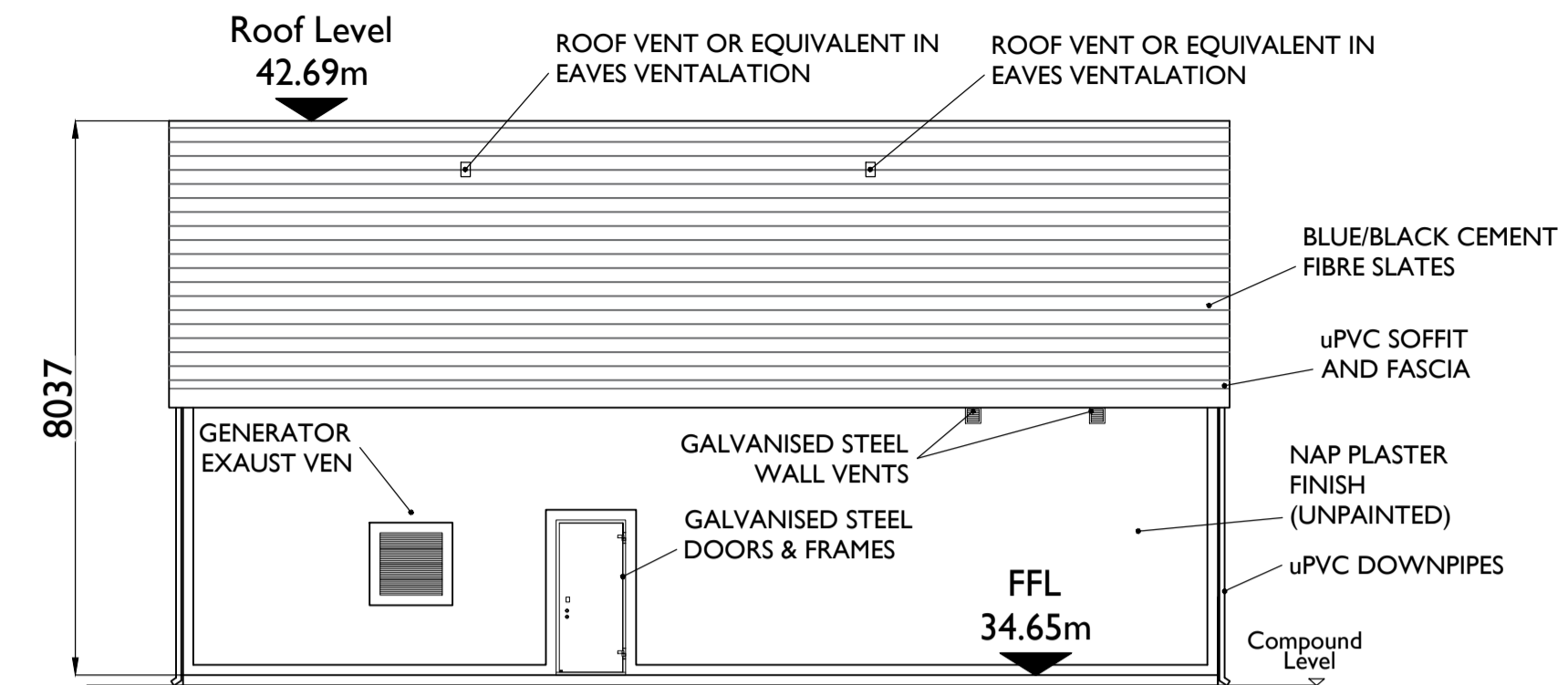
**FLOOR SLAB:**  
 150MM THK CONCRETE WITH A393 MESH  
 70MM KINGSPAN TR70 OR SIMILAR  
 APPROVED INSULATION COMBINED  
 RADON/DPC LAYER 50MM SAND 250MM  
 COMPACTED SR21 T1 50MM BLINDING  
 CONCRETE

**FLOOR:**  
 RAISED ACCESS FLOOR ON  
 150MM REINFORCED CONCRETE  
 FLOOR SLAB ON SELECTED INSULATION ON DPC ON SAND  
 BLINDING ALL SUPPORTED OFF WELL COMPACTED HARDCORE.



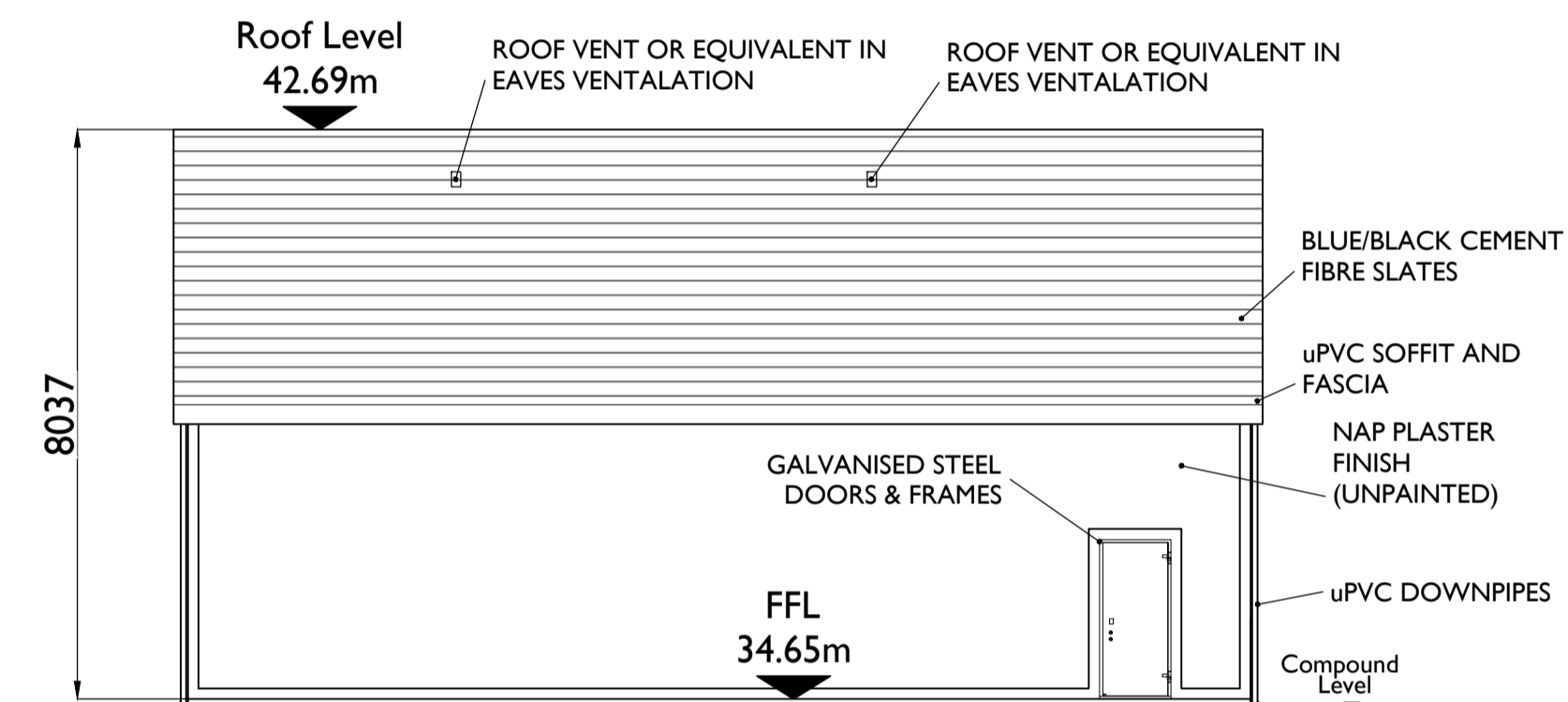
**Section E-E**

Scale : 1:50



**Front Elevation (Section C-C)**

Scale : 1:100



**Rear Elevation (Section D-D)**

Scale : 1:100



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PROJECT

**Proposed 220kV  
 Substation & Grid  
 Connect**

CLIENT



CONSULTANTS



NOTES: -

1. Layout and Arrangements of Substation Building and Electrical Equipment is shown indicatively and for illustration purposes only.
2. Dimensions shown are as per current EirGrid Specifications at the time of submission. Dimensions may vary at time of construction to reflect any revisions to EirGrid Specifications.
3. Final Specifications of Buildings and Electrical Equipment is to be as per EirGrid and ESB Specifications.
4. The Elevation of the Compound will be depicted by localized Topography such that Cut/Fill Earthworks associated with the construction of the Compound are balanced.

LEGEND: -

Levels shown thus 229.10m  
 Concrete Footpath shown thus

ISSUE/REVISION

NO	DATE	DESCRIPTION
P3	06.12.22	Issued for Planning
P2	02.12.22	Issued for Planning
P1	15.11.22	Issued for Planning
I/R	DATE	DESCRIPTION

PROJECT NUMBER

05-895

SHEET TITLE

Control Building - Plan & Elevations  
 & Section

SHEET NUMBER

05895-DR-202

Project Management Initials: Designer: JC Checked: DB Approved: RG