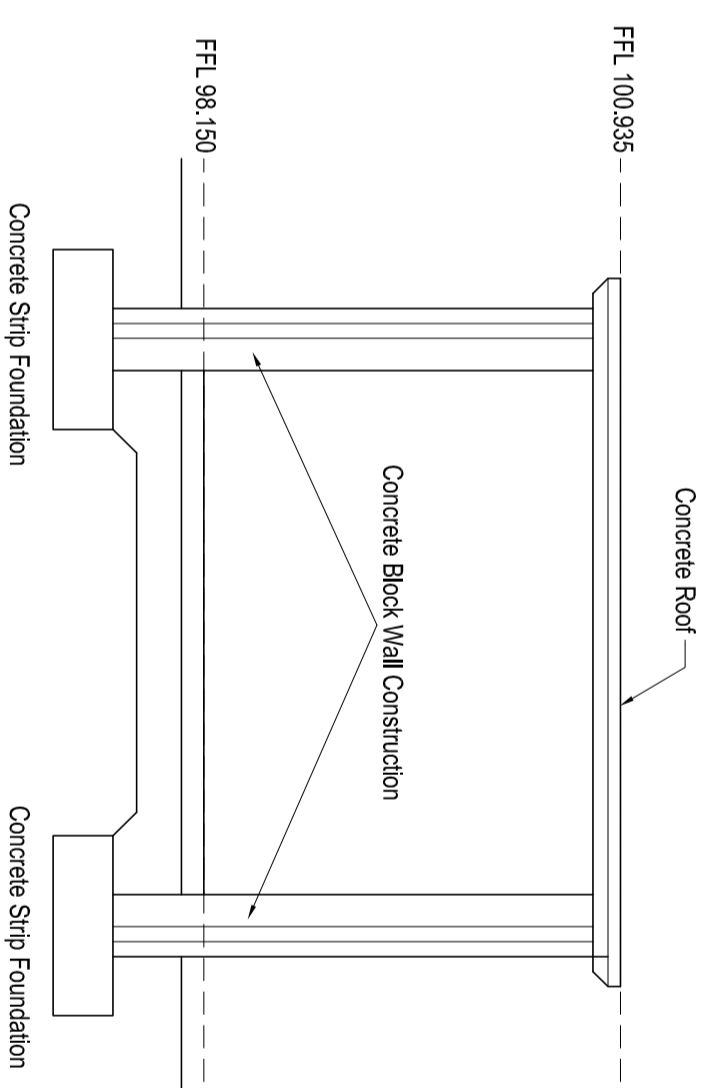


FLOOR PLAN



SECTION A-A

SPECIFICATION:

Drawing to be read in conjunction with the ESB specifications current at the time of construction.
(General specification for MV substation and metering switchroom buildings)

Walls:

The substation walls must have a minimum 4 hour fire rating.
Internal leaf should be constructed using 215mm concrete blocks and outer leaf with 100mm concrete blocks with a 100mm cavity.

Roof Slab:

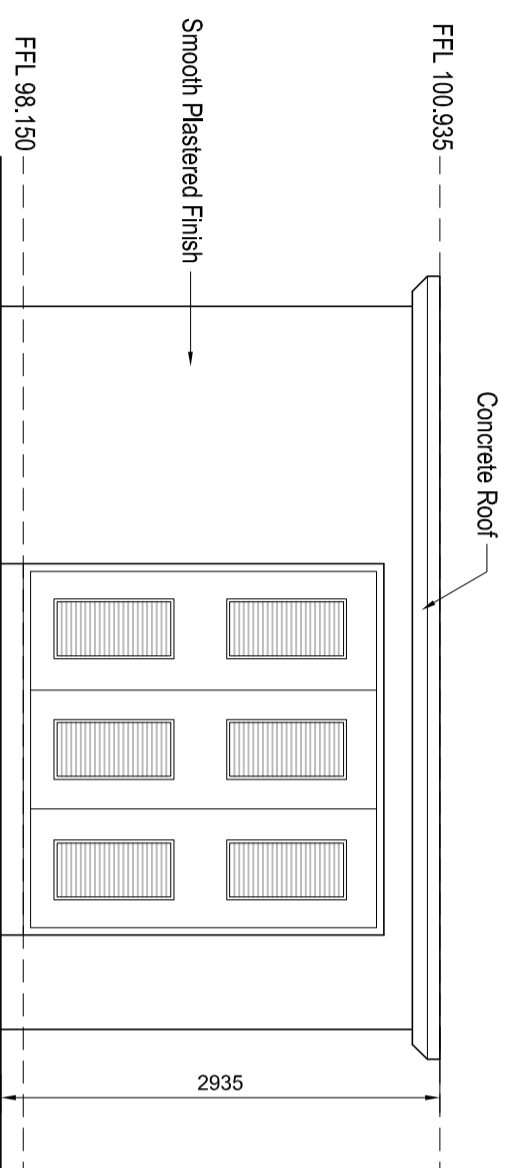
Roof slab to be constructed 175mm R.C. (TBC) to meet the safety requirements and ESB specifications current at the time of construction.

Fire Safety Regulations:

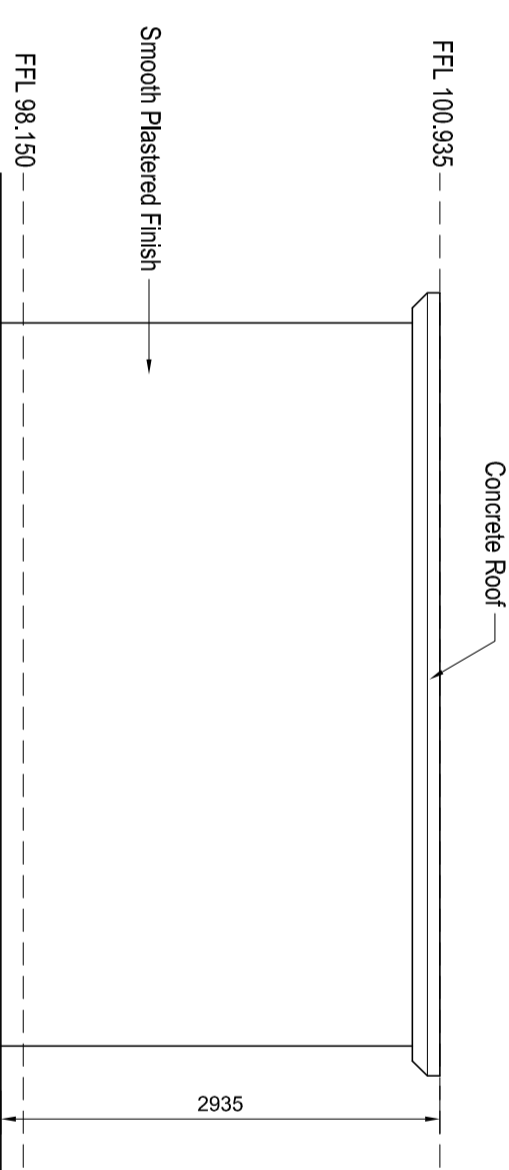
The Substation building must comply with the FIRE SERVICES ACT 1980, and all regulations made under this act. The location and construction of the substation building must also comply with the Fire Safety requirements of ESB specifications.

Substation Doors & Louvers:

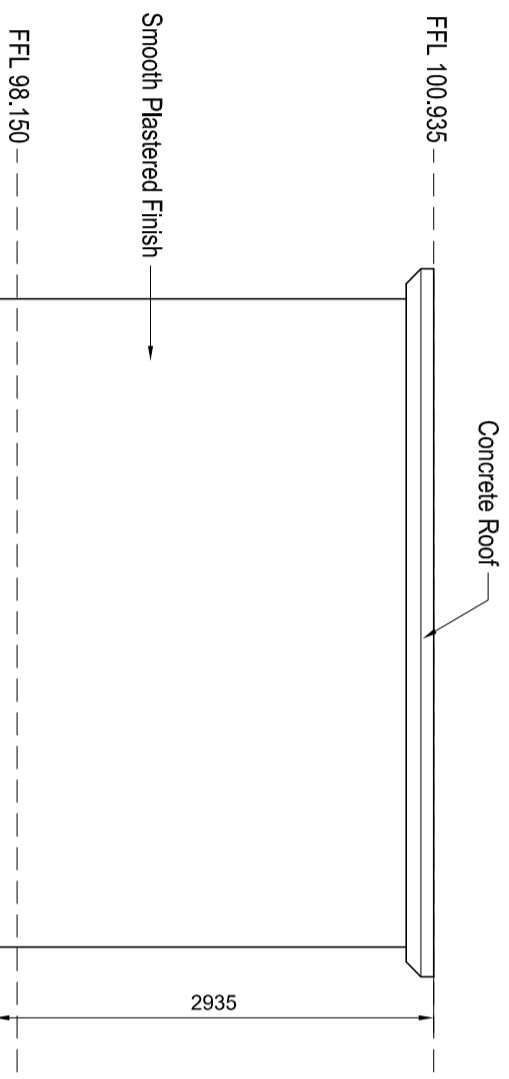
Galvanised steel substation doors and wall louvers fabricated to ESB specification current at the time of construction must be installed. Doors and louvers should be sourced from an ESB approved supplier. The masonry opening required for the substation to be as detailed on ESB drawings and specifications current at the time of construction.



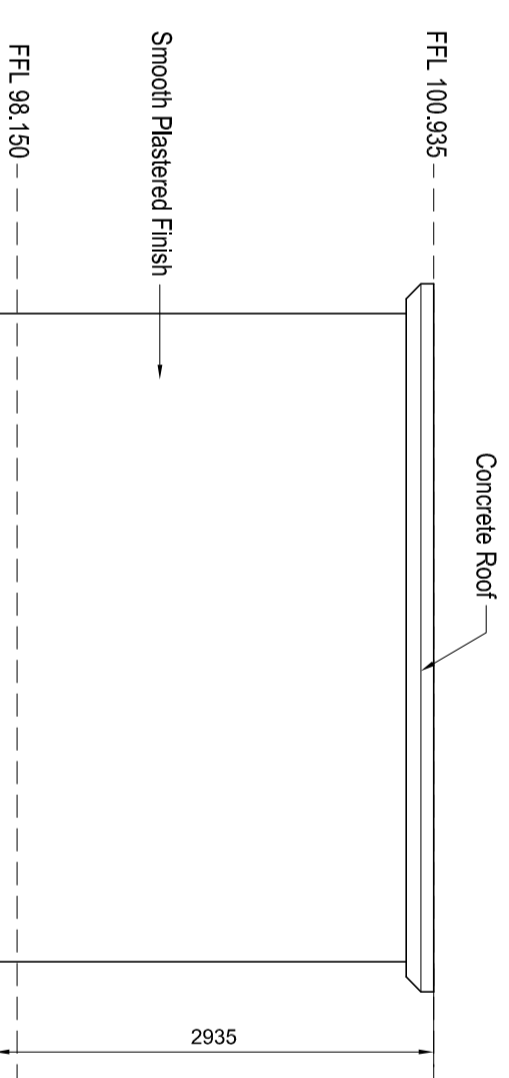
FRONT ELEVATION



REAR ELEVATION



SIDE ELEVATION



SIDE ELEVATION

REV.	MODIFICATIONS	BY	DATE

Notes:

1. All drawings are Copyright of Cunningham Design & Planning
2. Use Figure Dimensions Only.
3. Consultation with Conditions of Planning in the Event of a Successful Planning Application.
4. All Structural Situations To Be Verified On-Site By Qualified Engineer/Structural Engineer.
5. Prior To The Commencement Of The Development, It Is The Client/Developer's Responsibility To Consult With A Qualified Structural Engineer/Structural Engineer To Obtain A Written Document Part L Of The Building Regulations.

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Project: **ESB Substation**

Drawing Title: **ESB Substation**

Date No.	Date Iss.	Scale	Status	Date
23	8 May 2023	1:50 (A3)	Planning	Mar 2022

ESB Substation

Proposed Residential Development
At Bloomfield Park, Beckin Road,
Edgeworthstown, Co. Longford