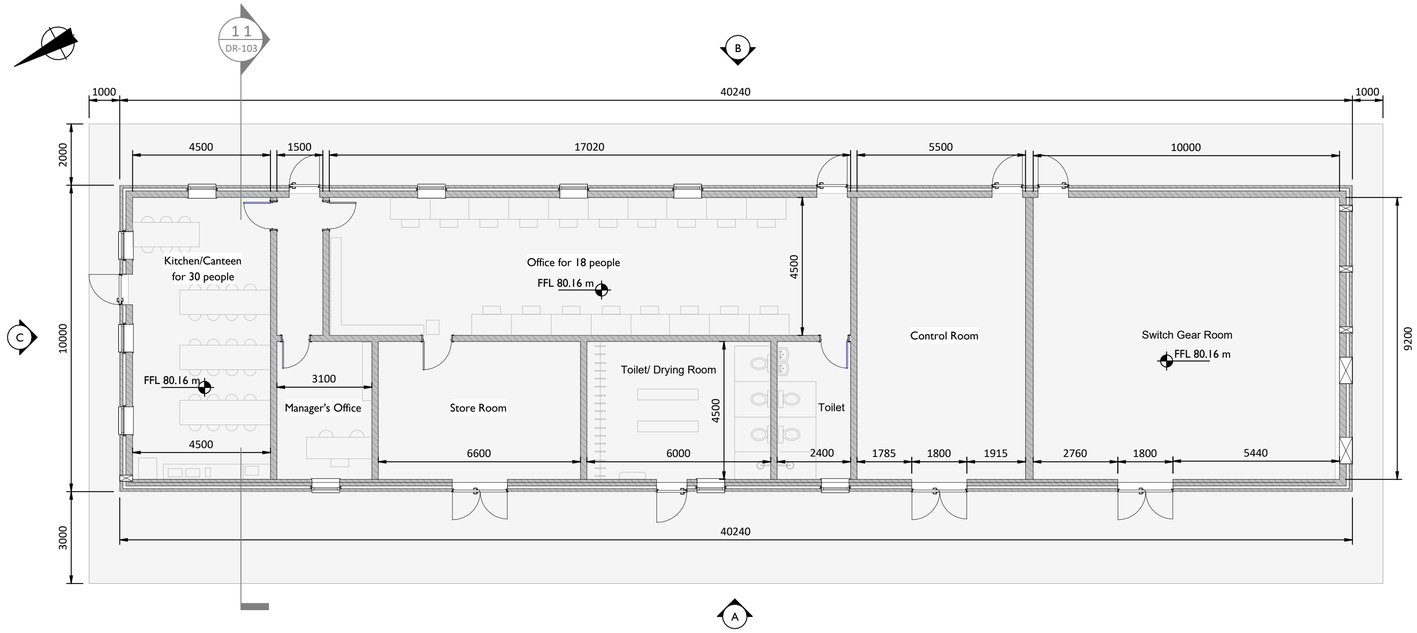
ISO A1 594mm x 841mm

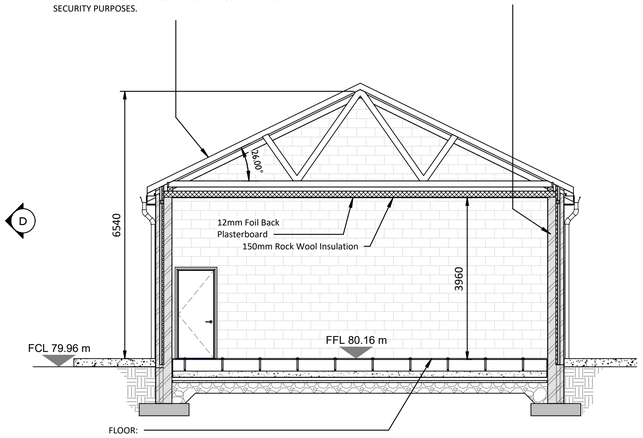


IPP Building Plan

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.

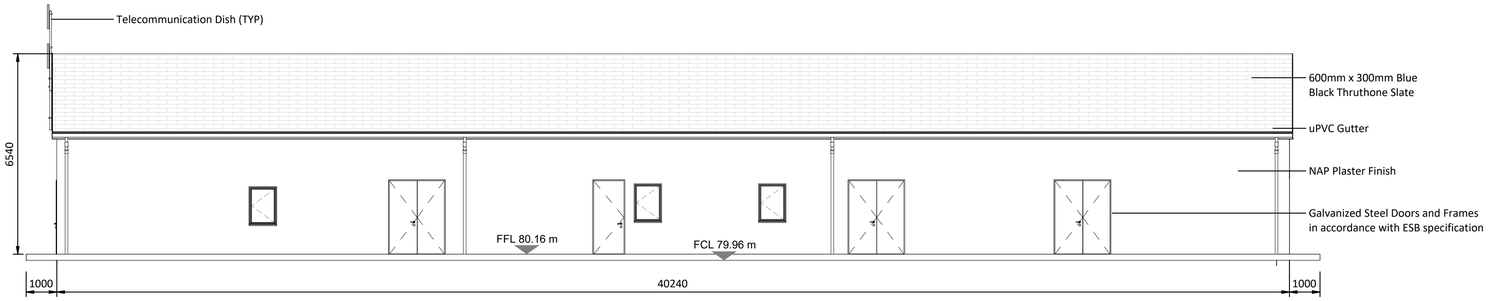
CAVITY WALL:
FLAT SAND / CEMENT PLASTER FINISH TO 100MM OUTER LEAF, 100MM CAVITY, 215MM INNER LEAF.
INSIDE FACE OF INNER LEAF TO REMAIN FAIR-FACED.
CAVITY WALL SUPPORTED ON CONCRETE STRIP FOUNDATION.



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

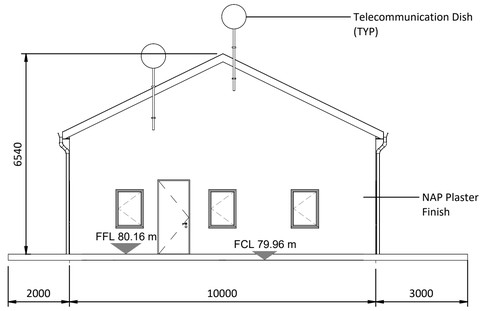
Section 1-1

Scale:1 : 75



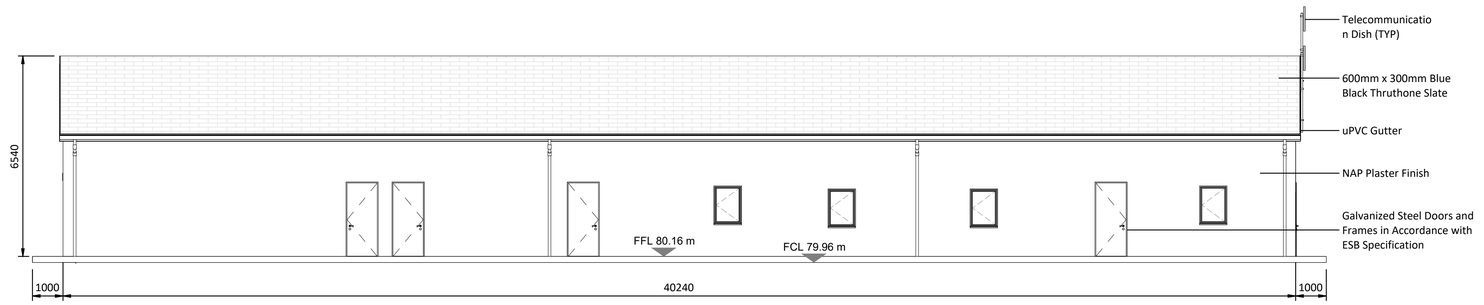
Elevation A

Scale: 1 : 100



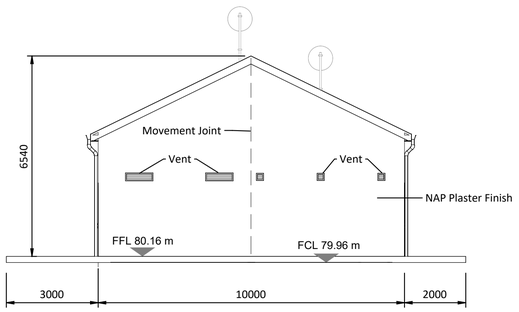
Elevation C

Scale: 1 : 100



Elevation B

Scale: 1 : 100



Elevation D

Scale: 1 : 100

Project Management Initials: Designer: LP Checked: AC Approved: RG

tli GROUP

Head Office
Beenreigh,
Abbeydorney,
Tralee, Co. Kerry
Ireland
Tel: 00353 66 7135710

Regional Office
Basepoint Business Centre
Stroudley Road, Basingstoke,
Hampshire,
RG24 8UP, UK
Tel: 00 44 1256406664

PROJECT

Cappakeel Solar Farm
110 kV Substation

CLIENT

Perigus Energy

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: -

Finished Compound Level — FCL 79.96m

Finished Floor Level — FFL 80.16 m

ISSUE/REVISION

P1	16.06.2026	Issued for Planning
P0	20.03.2026	Issued for Planning
I/R	DATE	DESCRIPTION

PROJECT NUMBER

300-100925

SHEET TITLE

IPP Building Plan, Elevations and Section

SHEET NUMBER

300100925-DR-103