

**FLOOR PLAN**  
SCALE 1:50

Internal floor ducts and covers in accordance with the requirements of ESB MV Substation spec

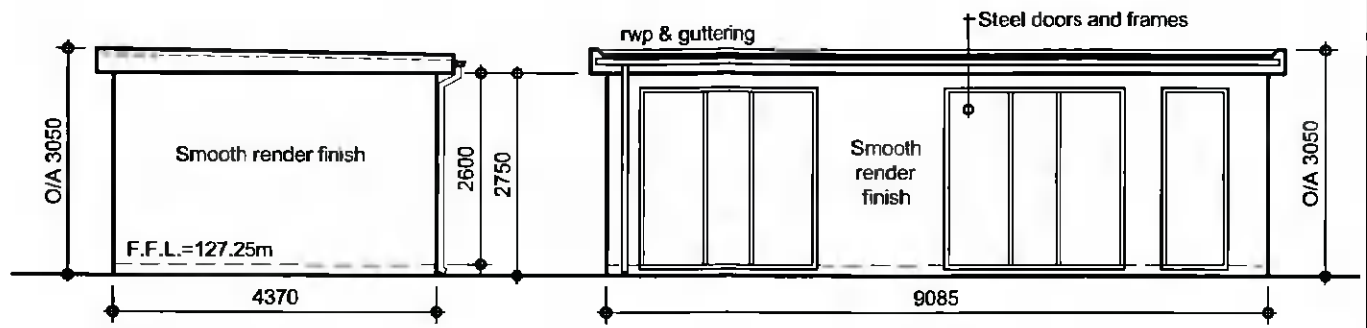
Internal floor ducts and covers in accordance to be confirmed

215mm thk solid concrete block laid flat (inner leaf & party wall)

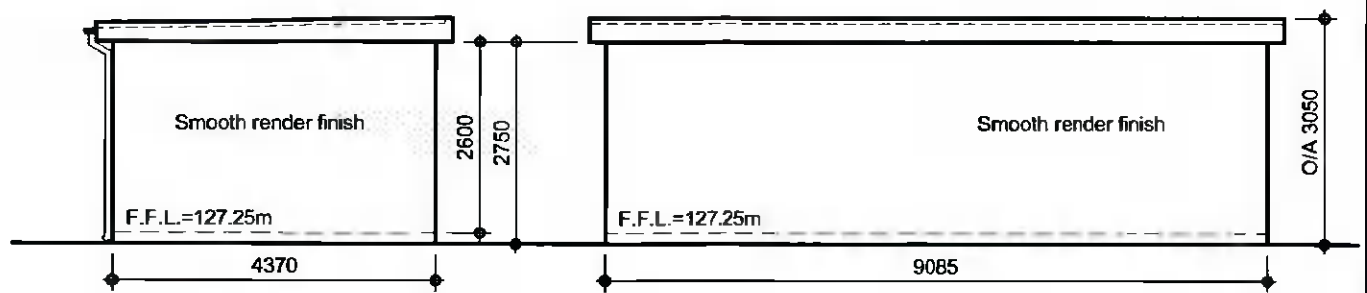
Customer Room

Steel door and frame unit from approved ESB supplier in accordance with the requirements of ESB MV Substation spec & associated drawings

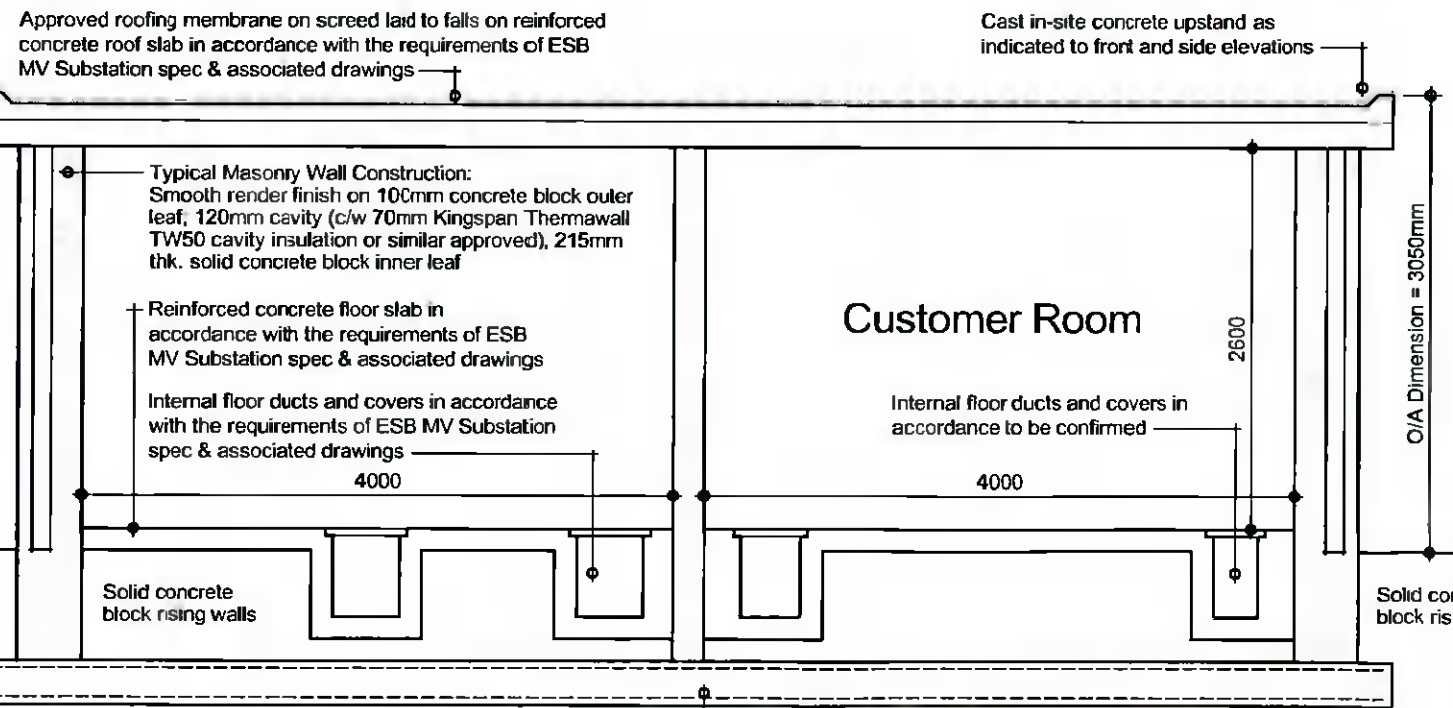
Steel door and frame units from approved ESB supplier in accordance with the requirements of ESB MV Substation spec & associated drawings



**Side Elevation facing North** SCALE 1:100  
**Front Elevation facing West** SCALE 1:100



**Side Elevation facing South** SCALE 1:100  
**Rear Elevation facing East** SCALE 1:100



**TYPICAL SECTION**  
SCALE 1:50

Approved roofing membrane on screed laid to falls on reinforced concrete roof slab in accordance with the requirements of ESB MV Substation spec & associated drawings

Cast in-site concrete upstand as indicated to front and side elevations

Typical Masonry Wall Construction: Smooth render finish on 100mm concrete block outer leaf, 120mm cavity (c/w 70mm Kingspan Thermawall TW50 cavity insulation or similar approved), 215mm thk. solid concrete block inner leaf

Reinforced concrete floor slab in accordance with the requirements of ESB MV Substation spec & associated drawings

Internal floor ducts and covers in accordance with the requirements of ESB MV Substation spec & associated drawings

Customer Room

Internal floor ducts and covers in accordance to be confirmed

Solid concrete block rising walls

Foundation construction to engineers details

**GENERAL NOTES:**

- Written dimensions take precedence over scaled dimensions
- All dimensions are in millimeters(mm) unless noted otherwise
- Any discrepancies found on this drawing should be immediately reported to the engineers
- This drawing is to be read in conjunction with all relevant engineers drawings, specifications and contract documents
- This drawing is to be read in conjunction with all ESB MV Sub-station specifications and associated drawings
- All works are to be in accordance with the relevant and current Health and Safety legislation
- Specification of the works to be to the appropriate Irish standard of the equivalent British standard

Works to be carried out in accordance with the requirements of the ESB MV Sub-station specification and associated drawings

Rev	Drawn	Chkd	Appd	Description	Date
-	MN	AOD	JG	PLANNING APPLICATION ISSUE	MAR.22

**PLANNING APPLICATION PURPOSES ONLY**

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CLIENT  
**PETROGAS GROUP LTD**

PROJECT TITLE:  
**Electric Vehicle fast-charging hub & Coffee Drive-thru Facility at Tootenhill, Rathcoole, Co.Dublin**

DRAWING TITLE  
**ESB SUB-STATION / CUSTOMER ROOM GENERAL ARRANGEMENT**

PLOT SIZE: A3	PLOT SCALE: 1:50 & 1:100	DRAWN BY: MN
PROJECT No: 3644	DRAWING No. P3644-A003	REV: -