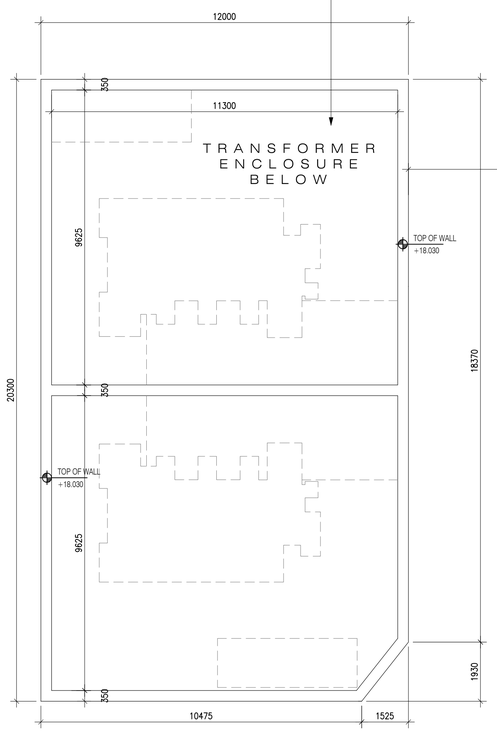
NOTES

1. ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS, BILLS OF QUANTITIES, ARCHITECTURAL, SERVICES AND ENGINEERING DRAWINGS.
2. ALL LEVELS ARE IN METRES RELATED TO;
   DATUM: ORDNANCE DATUM MALIN HEAD
   REFERENCE SYSTEM: IRISH TRANSVERSE MERCATOR (ITM)
   GEOID: OSGM15
3. ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS NOTED OTHERWISE.
4. ANY DISCREPANCIES BETWEEN THESE DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
5. DRAWINGS ARE NOT TO BE SCALED.
6. AERIAL IMAGERY, WHEN USED, IS SOURCED FROM MICROSOFT BING MAPS THROUGH THE OPEN LICENSING AGREEMENT WITH AUTODESK.

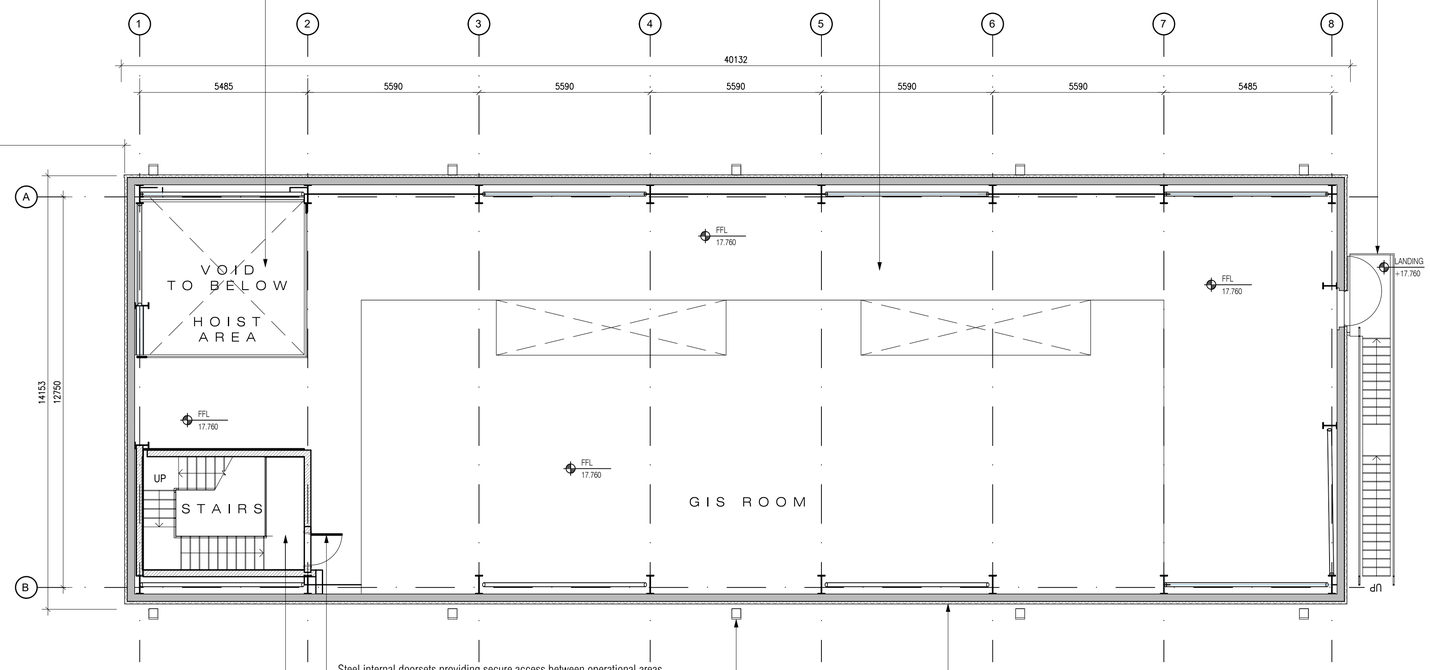
NOTE: Transformer bund shown for reference only. The bund is an open-topped reinforced concrete enclosure with no roof construction. This drawing is provided for orientation & indicates the bund layout from above. Refer to the Civil and Structural Engineer's drawings for all bund construction details and engineering requirements.



Galvanised external steel staircase providing access between ground and first floor levels, complete with steel landings, handrails, guarding and non-slip treads.

First floor Gas Insulated Switchgear (GIS) hall accommodating high-voltage switchgear equipment within a controlled indoor environment specifically designed for the operation and maintenance of the electrical substation.

Dedicated internal hoist zone extending through both floor levels to facilitate the installation, maintenance and replacement of electrical plant and equipment. Protected by permanent safety guarding and associated access provisions.



Steel internal doorsets providing secure access between operational areas. Doors to achieve the required fire resistance, security and acoustic performance appropriate to their location.

Internal stair and external access arrangements provided for safe maintenance access to the upper levels and roof in accordance with the building design.

Black insulated metal composite cladding system to transformer enclosure; horizontally laid secret-fix panels; colour matte black, RAL 9005 or approved equivalent; system to include all necessary concealed support rails, pressed aluminium flashings, trims, closures, soffits, internal and external corners, parapet cappings, fixings and compressible weather seals.

Powder-coated aluminium rainwater goods comprising gutters, outlets, hopper heads (where required), downpipes, offsets, shoes, brackets, clips and all associated fittings; colour matte black, RAL 9005 or approved equivalent; complete system to be securely fixed and installed in accordance with the manufacturer's recommendations, including all necessary flashings, joints, fixings and accessories to provide a fully functional and weathertight installation.

PROPOSED GENERAL ARRANGEMENT FIRST FLOOR PLAN

scale 1:100 at A1

Third Floor, 142/143 Baggot Street Lower, Dublin 2. D02PH29
T: +353 1 239 3920 E: info@ryanandlamb.ie W:ryanandlamb.ie

PRINT AT A1

No.	Date	Revision	Initials
2.0	07/08/26	ISSUED FOR PLANNING	CR
2.0	30/06/26	ISSUED FOR REVIEW	CR
1.0	28/05/26	ISSUED FOR REVIEW	CR

ESB NETWORKS

JOB No.: 27057
SCALE: 1:100@A1
DATE: JULY 2026
REV: 2.0
DRN: AC CHKD: RR

RIAI

DWG TAG: 0403 STATUS: PLANNING APPLICATION
PROJECT: STEEVEN'S LANE 110kV GIS SUBSTATION
DRAWING: PROPOSED FIRST FLOOR PLAN
CLIENT: ESB NETWORKS
DRAWING No: 27057-00-DTM-DR-RLA-AR-0403

RYAN+LAMB ARCHITECTS