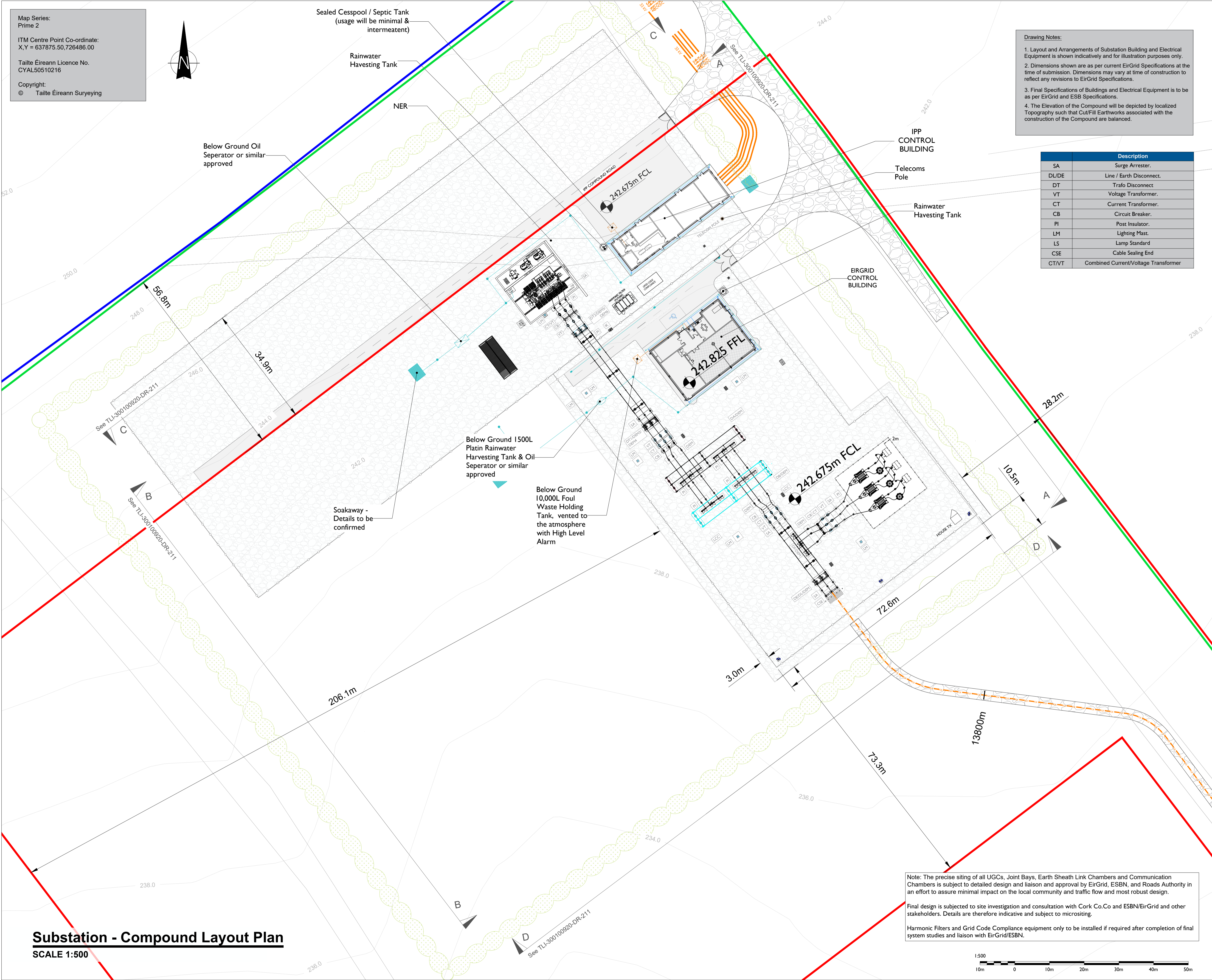
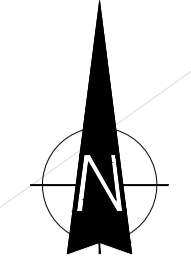


ISO A1 594mm x 841mm
 Project Management Initials: Designer: POS Checked: DB Approved: DB

Map Series:
 Prime 2
 ITM Centre Point Co-ordinate:
 X,Y = 637875.50,726486.00
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Drawing 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.

SA	Description
DL/DE	Surge Arrester.
DT	Line / Earth Disconnect.
VT	Trafo Disconnect.
CT	Voltage Transformer.
CB	Current Transformer.
PI	Circuit Breaker.
LM	Post Insulator.
LS	Lighting Mast.
CSE	Lamp Standard.
CT/VT	Cable Sealing End
	Combined Current/Voltage Transformer

tli GROUP

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

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

PROJECT

Coom Green Energy Park 110kV Grid Connection

CLIENT

Coom Green Energy Park Limited

CONSULTANTS



- NOTES:-**
- Configuration of substation equipment and infrastructure is subject to detailed design and EirGrid design approval.
 - The proposed substation layout should be used for planning purposes only.
 - This drawing is to be read in conjunction with relevant drawings, specifications and reports.
 - Dimensions are in millimeters, unless noted otherwise.
 - Drawings are not to be scaled use figured dimensions only.
 - Preliminary design has only taken place, more detail design is required for all individual electrical components.

Issued for Planning
 28.04.2026

- LEGEND:-**
- Permitted Planning Boundary (Ref Nr. PA04_308885) —
 - Proposed UGC Grid Route —
 - Red Line Planning Boundary —
 - 33kV Grid Line shown thus —
 - Proposed 110kV Substation two bay required based on EirGrid connection offer
 - Screening Hedgerow shown thus
 - Proposed Wind Farm track shown thus
 - Contours shown thus —
 - Property Boundary shown thus —
 - Spare equipment shown thus —

ISSUE/REVISION

I/R	DATE	DESCRIPTION
P4	28.04.26	Issued for Planning
P3	13.03.26	Issued for Planning
P2	05.12.25	Issued for Planning
P1	29.10.25	Issued for Planning
N2	24.04.25	Issued for Information
N1	02.04.25	Issued for Information

PROJECT NUMBER
 300-100920

SHEET TITLE
 Substation Compound
 Layout Plan

SHEET NUMBER
 300100920-DR-210

Substation - Compound Layout Plan

SCALE 1:500

Note: The precise siting of all UGCs, Joint Bays, Earth Sheath Link Chambers and Communication Chambers is subject to detailed design and liaison and approval by EirGrid, ESBN, and Roads Authority in an effort to assure minimal impact on the local community and traffic flow and most robust design.

Final design is subjected to site investigation and consultation with Cork Co.Co and ESBN/EirGrid and other stakeholders. Details are therefore indicative and subject to micro-siting.

Harmonic Filters and Grid Code Compliance equipment only to be installed if required after completion of final system studies and liaison with EirGrid/ESBN.

