GREEN GENERATION ENERGY NETWORKS LTD. (CORS Y GARREG COLLECTOR SUBSTATION)
132kV AIS SUBSTATION LAYOUT
REGULATION xxxxxxx
SHEET 01 OF 02

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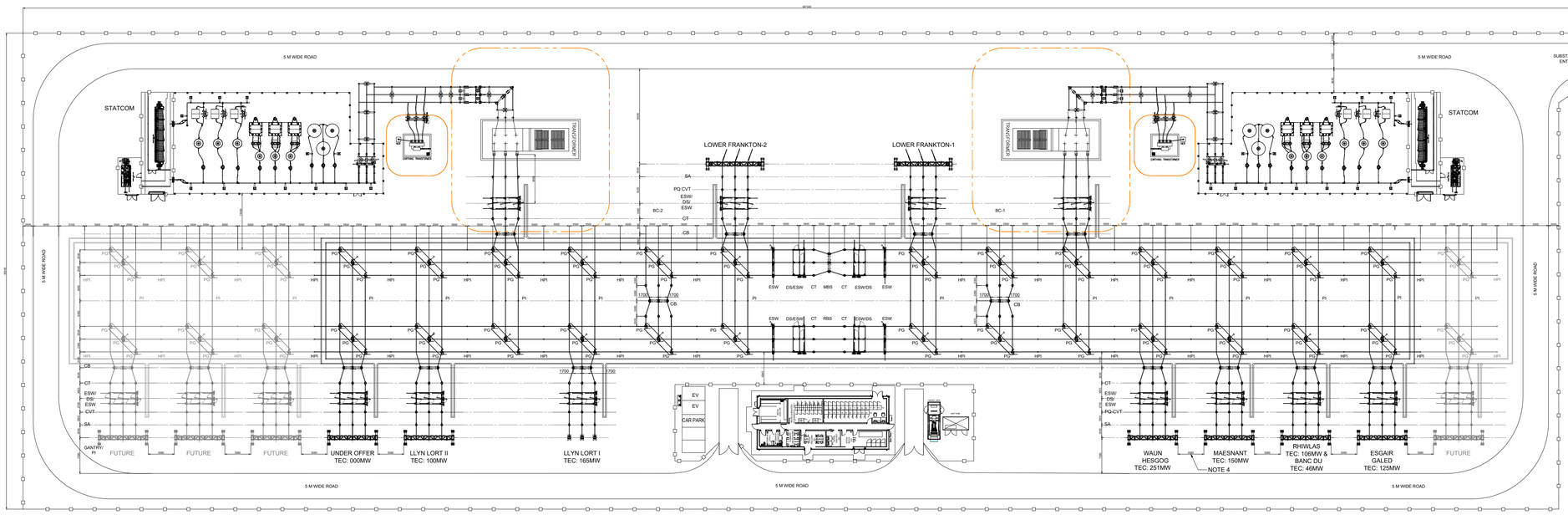
LICENCE No. XXXXXXXX



KEY (USE GENERIC KEY BASED ON PLAN TYPE)

CSE	CABLE SEALINING END
PI	POST INSULATORS
CT	CURRENT TRANSFORMER
SA	SURGE ARRESTOR
PQ CVT	POWER QUALITY CAPACITIVE VOLTAGE TRANSFORMER
CB	CIRCUIT BREAKER
ESW	EARTHING SWITCH
DS	DISCONNECTOR SWITCH
HPI	HIGH LEVEL POST INSULATOR
PG	PANTOGRAPH DISCONNECTOR
ET	EARTHING TRANSFORMER
NER	NEUTRAL EARTHING RESISTOR
———	NEW EQUIPMENT
———	FUTURE EQUIPMENT

NOTES:

1. THIS IS FOR DEVELOPMENT PURPOSES ONLY. NOT FOR CONSTRUCTION.
2. ALL DIMENSIONS ARE IN MM.
3. STATCOM ARRANGEMENT IS INDICATIVE ONLY.

FOR CONSULTATION PURPOSES ONLY

ISSUE	DATE	COMMENTS	DRAWN	CHK'D	APP'D
B	21/11/25	ADDITIONAL ELEVATION ADDED	PK	MS	SC
A	15/07/25	FIRST ISSUE	PK	MS	SC

PROJECT:
VYRNWY FRANKTON CONNECTION

GREEN GEN CYMRU

TITLE:
132kV AIS SUBSTATION PLANNING ELEVATION
CORS Y GARREG
COLLECTOR SUBSTATION

CIRCUIT / SITE: CORS Y GARREG

DWG: A1

ORIGINATOR DRAWING No: 331201487-STN-20-XX-LAY-SC-030

GGENC DRAWING No:

SHEET: 01 OF: 02 ISSUE: B

SCALE: 1:500

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GREEN GENERATION ENERGY NETWORKS LTD. (CORS Y GARREG COLLECTOR SUBSTATION)
132kV AIS SUBSTATION LAYOUT
REGULATION xxxxxxx
SHEET 02 OF 02

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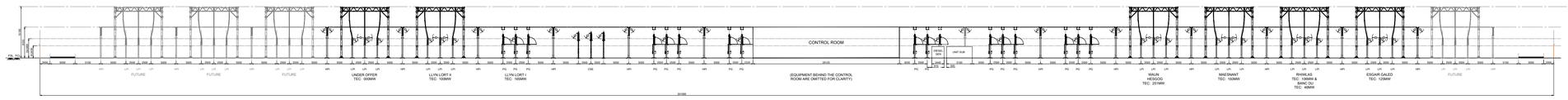
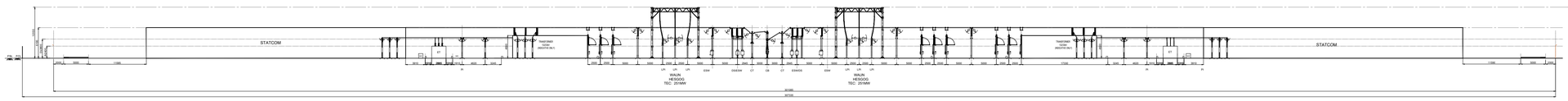


SECTION : A-A'



SECTION : B-B'

KEY (USE GENERIC KEY BASED ON PLAN TYPE)

CSE	CABLE SEALINING END
PI	POST INSULATORS
CT	CURRENT TRANSFORMER
SA	SURGE ARRESTOR
PQ CVT	POWER QUALITY CAPACITIVE VOLTAGE TRANSFORMER
CB	CIRCUIT BREAKER
ESW	EARTHING SWITCH
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PROJECT:
VYRNWY FRANKTON CONNECTION

GREEN GEN CYMRU

TITLE:
132kV AIS SUBSTATION PLANNING ELEVATION
CORS Y GARREG
COLLECTOR SUBSTATION

CIRCUIT / SITE: CORS Y GARREG — DWG

ORIGINATOR DRAWING No: 331201487-STN-20-XX-LAY-SC-030 — A1

GGENC DRAWING No: — SHEET: 02 — OF: 02 — ISSUE: B

SCALE: 1:500

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