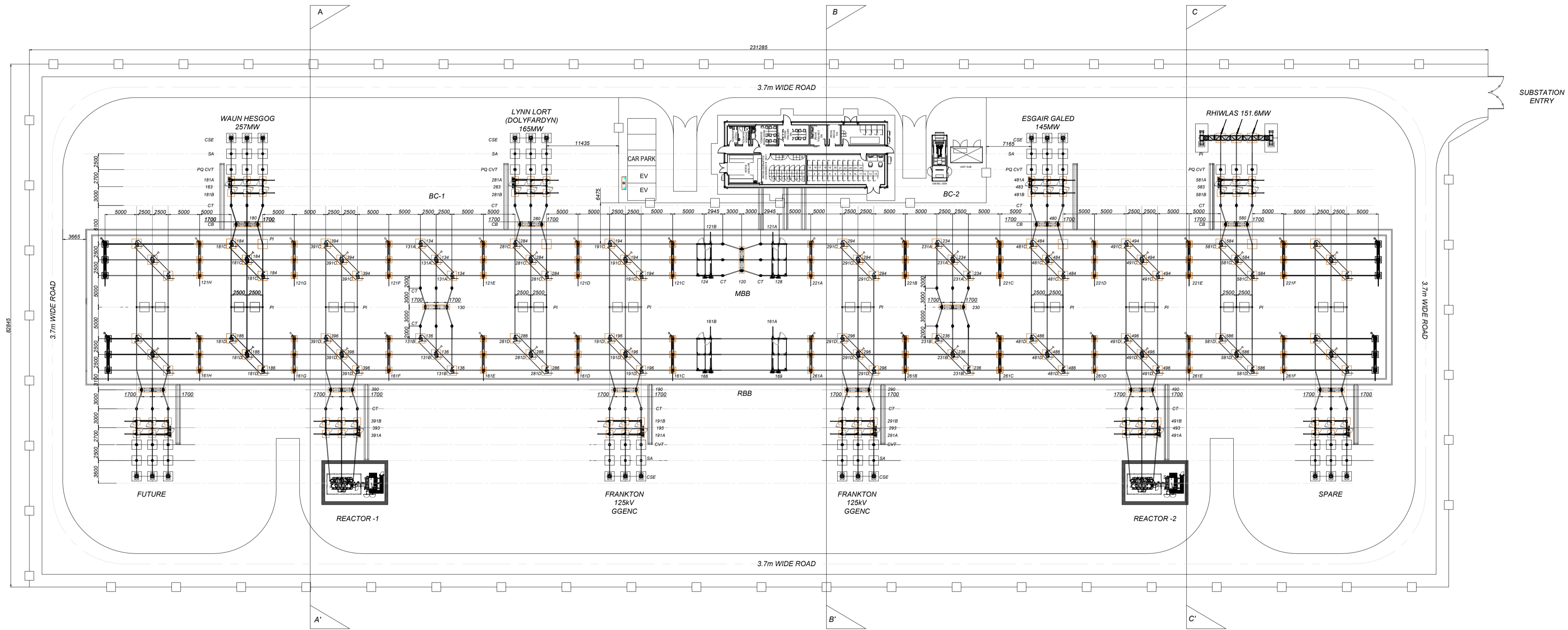


KEY (USE GENERIC KEY BASED ON PLAN TYPE)

CSE	CABLE SEALING 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
BPI	BUS POST INSULATOR
PG	PANTOGRAPH DISCONNECTOR
---	NEW EQUIPMENT
---	FUTURE

- NOTES:
1. RISK ASSESSMENT AND METHOD STATEMENTS TO BE FOLLOWED AT ALL STAGES OF CONSTRUCTION.
 2. THIS IS FOR DEVELOPMENT PURPOSES ONLY. NOT FOR CONSTRUCTION.
 3. ALL DIMENSIONS ARE IN MM.



PLAN

FOR CONSULTATION PURPOSES ONLY

A	02/01/25	FIRST ISSUE	PK	MN	AR
ISSUE	DATE	COMMENTS	DRAWN	CHKD	APPD

PROJECT: VYRNWY FRANKTON CONNECTION



TITLE: GRUG Y MYNYDD COLLECTOR SUBSTATION TYPICAL LAYOUT

CIRCUIT / SITE: DWG

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

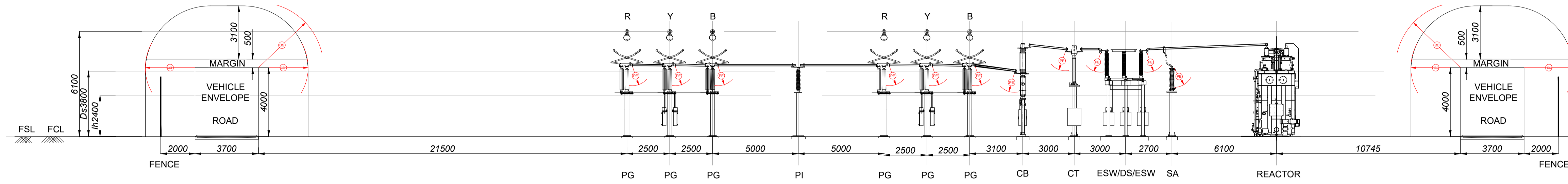
GGENC DRAWING No: SHEET: 01 OF: 02 ISSUE: A

SCALE: 1:400

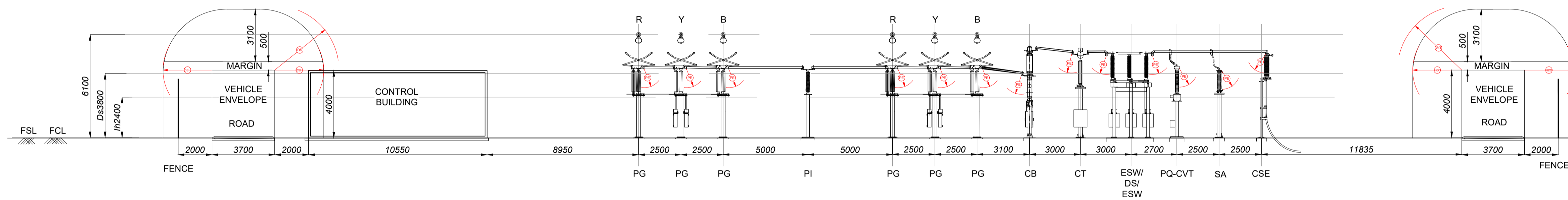
KEY (USE GENERIC KEY BASED ON PLAN TYPE)

CSE	CABLE SEALING 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
BPI	BUS POST INSULATOR
PG	PANTOGRAPH DISCONNECTOR
---	NEW EQUIPMENT
---	FUTURE

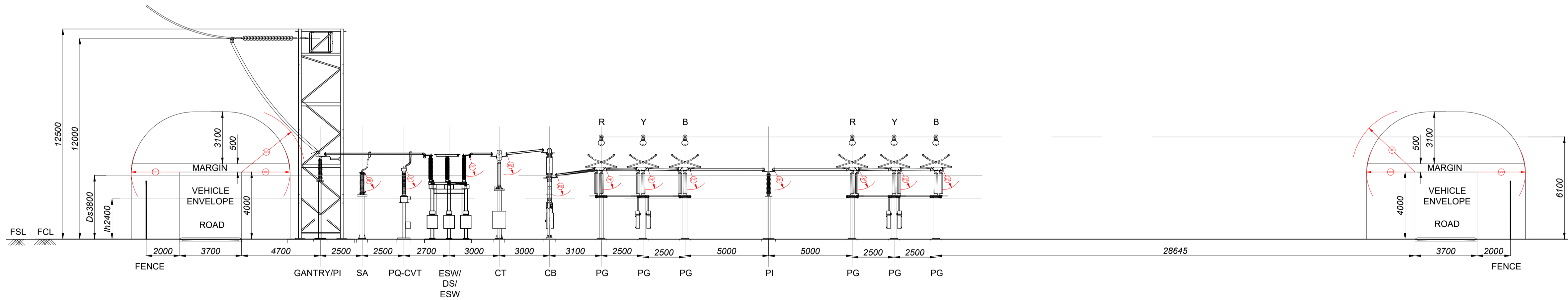
- NOTES:
- RISK ASSESSMENT AND METHOD STATEMENTS TO BE FOLLOWED AT ALL STAGES OF CONSTRUCTION.
 - THIS IS FOR DEVELOPMENT PURPOSES ONLY. NOT FOR CONSTRUCTION.
 - ALL DIMENSIONS ARE IN MM.



SECTION : A-A'
TYPICAL REACTOR BAY- ELEVATION



SECTION : B-B'
TYPICAL LINE BAY- ELEVATION



SECTION : C-C'
TYPICAL LINE BAY- ELEVATION

FOR CONSULTATION PURPOSES ONLY

A	02/01/25	FIRST ISSUE	PK	MN	AR
ISSUE	DATE	COMMENTS	DRAWN	CHKD	APPD

PROJECT:
VYRNWY FRANKTON CONNECTION



TITLE:
GRUG Y MYNYDD
COLLECTOR SUBSTATION
TYPICAL LAYOUT

CIRCUIT / SITE: DWG

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

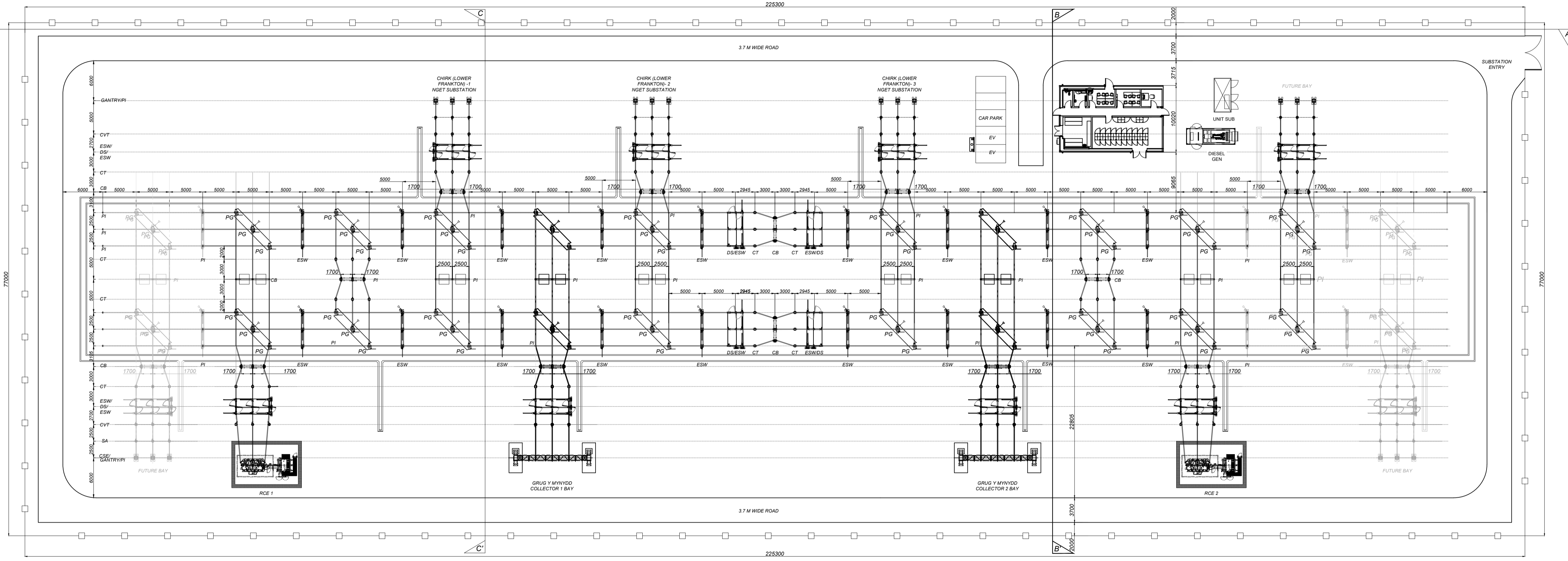
GGENC DRAWING No: SHEET: OF: ISSUE:
02 02 A

SCALE: 1:150

KEY (USE GENERIC KEY BASED ON PLAN TYPE)

CSE	CABLE SEALING 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
BPI	BUS POST INSULATOR
PG	PANTOGRAPH DISCONNECTOR
---	NEW EQUIPMENT
---	FUTURE

- NOTES:
- RISK ASSESSMENT AND METHOD STATEMENTS TO BE FOLLOWED AT ALL STAGES OF CONSTRUCTION.
 - THIS IS FOR DEVELOPMENT PURPOSES ONLY. NOT FOR CONSTRUCTION.
 - ALL DIMENSIONS ARE IN MM.



PLAN

FOR CONSULTATION PURPOSES ONLY

A	02/01/25	FIRST ISSUE	RD	MN	AR
ISSUE	DATE	COMMENTS	DRAWN	CHKD	APPD

PROJECT: VYRNWY FRANKTON CONNECTION



TITLE: LOWER FRANKTON SWITCHING STATION TYPICAL LAYOUT

CIRCUIT / SITE: DWG

ORIGINATOR DRAWING No: 331201487-STN-20-XX-LAY-SC-031 A1

GGENC DRAWING No: SHEET: 01 OF: 02 ISSUE: A

SCALE: 1:350

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES (mm).

DRAINAGE:

THERE IS NO OIL CONTAINING EQUIPMENT SO NO REQUIREMENT FOR OIL INTERCEPTOR AND THERE IS NO FOUL DRAINAGE ASSOCIATED WITH THE SITE. IT IS ANTICIPATED THE CABLE SEALING END COMPOUND ACCESS ROADS SHALL DRAIN TO THE ADJACENT SURFACE CHIPPINGS AND FREE DRAINING SUB-BASE, AS SUCH NO PIPED DRAINAGE NETWORK IS ANTICIPATED. SHOULD INFILTRATION TO THE GROUND BE DEEMED UNFEASIBLE, THE PREFERRED METHOD FOR DISPOSAL OF SURFACE WATER RUNOFF IS DISCHARGE TO A SURFACE WATER BODY / WATERCOURSE. ANY PROPOSED DRAINAGE SYSTEMS SHOULD COLLECT, TREAT, CONVEY AND ATTENUATE SURFACE WATER RUNOFF. WHERE POSSIBLE, ATTENUATED FLOWS SHOULD BE DISCHARGED AT AGREED RATES AND PROVIDE A BETTERMENT TO THE EXISTING SCENARIO.

LEGEND:

ES - EARTH SWITCH
 SA - SURGE ARRESTOR
 CSE - CABLE SEALING END

FOR CONSULTATION PURPOSES ONLY

ISSUE	DATE	COMMENTS	DRAWN	CHK'D	APP'D
A	16/12/24	FOR INFORMATION	GH	RA	AR

PROJECT:
 VYRNWY FRANKTON CONNECTION PROJECT

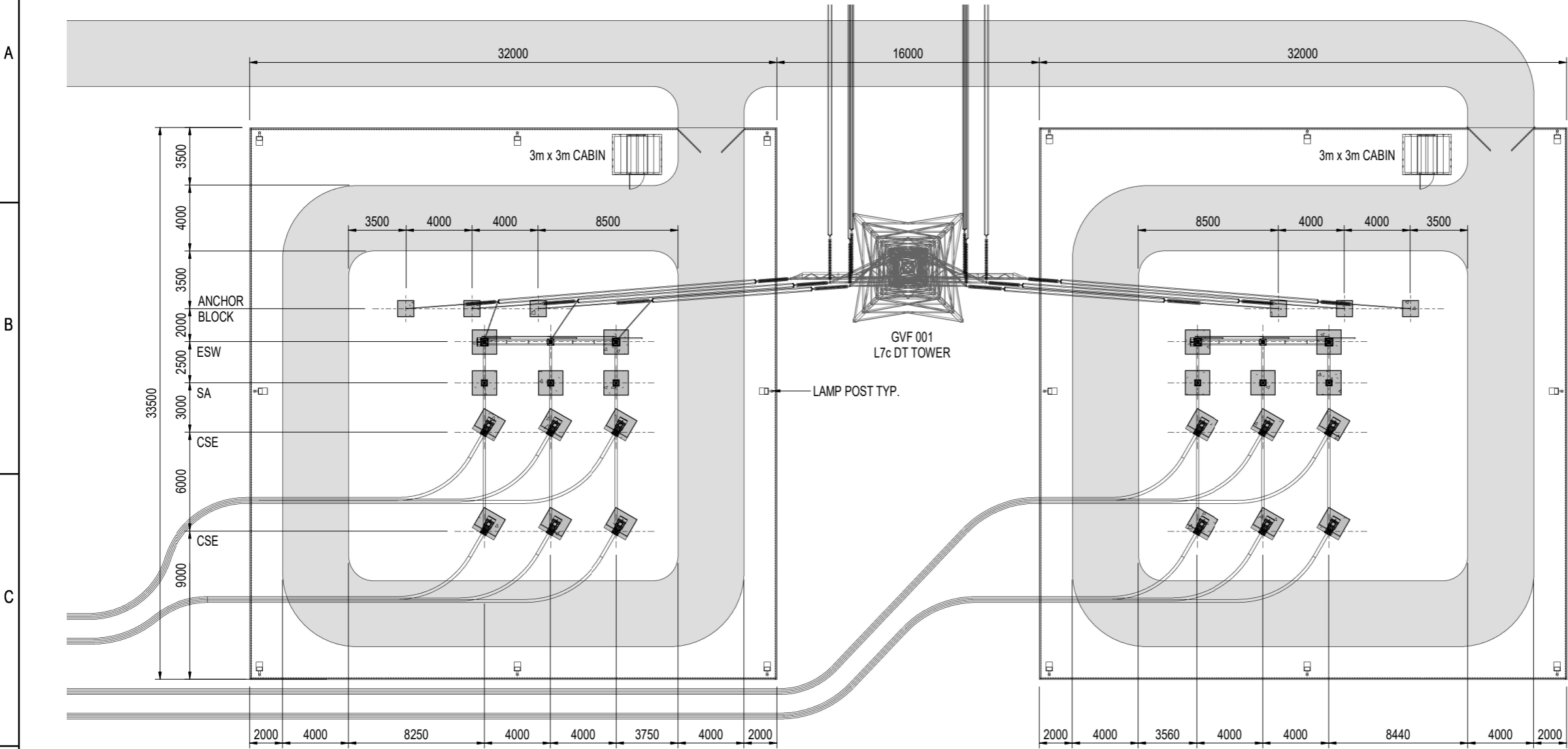


TITLE:
 INDICATIVE CABLE SEALING
 END COMPOUND DESIGN

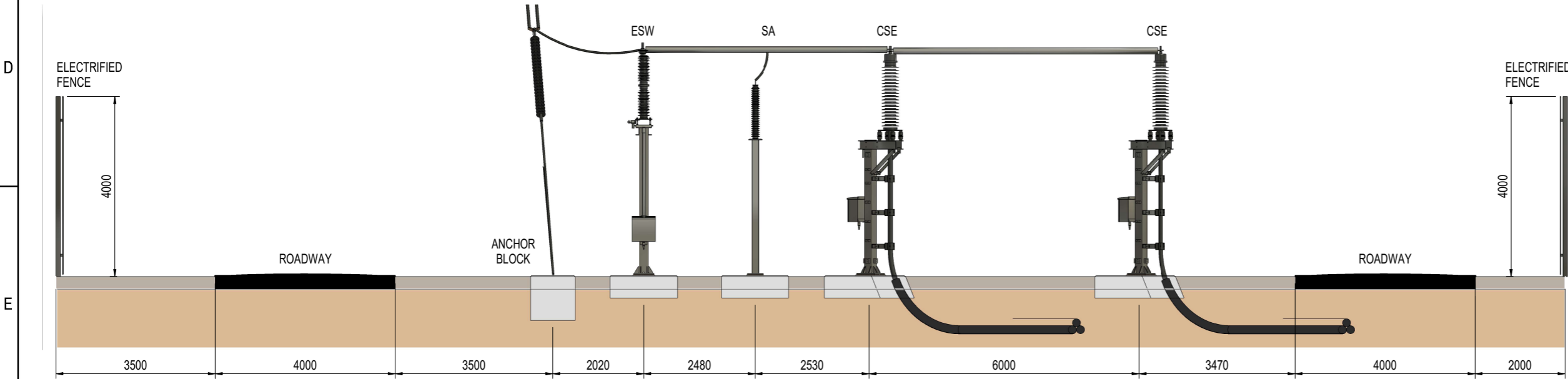
CIRCUIT / SITE:
 DWG

ORIGINATOR DRAWING No:
 331201487-STN-71-XX-GA-HC-010
 A3

GGENC DRAWING No: SHEET: 01 OF: 02 ISSUE: A
 SCALE: AS SHOWN



INDICATIVE CABLE SEALING END COMPOUND DESIGN
 PLAN VIEW
 1:300



INDICATIVE CABLE SEALING END COMPOUND DESIGN
 ELEVATION
 1:100

GENERAL NOTES:
 1. ALL DIMENSIONS ARE IN MILLIMETRES (mm).

A

A



INDICATIVE CABLE SEALING END
 COMPOUND DESIGN WITH TOWER
 3D VIEW

B

B

C

C

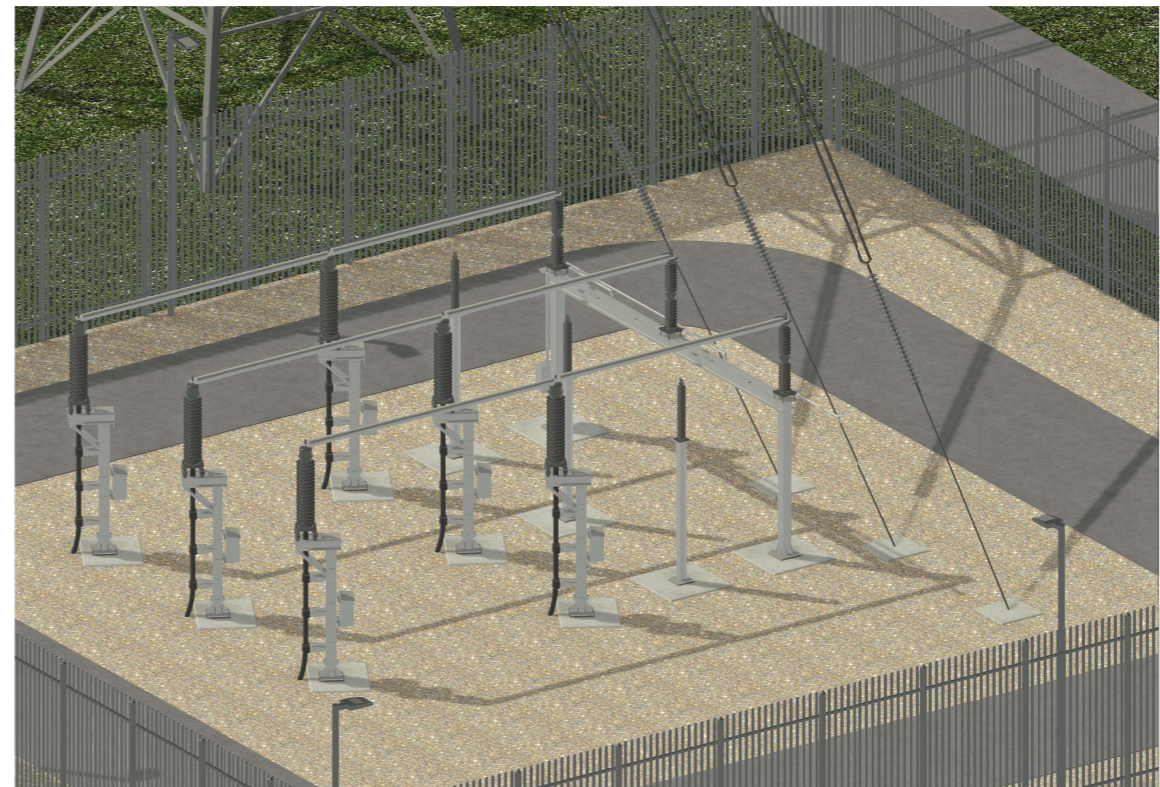
FOR CONSULTATION PURPOSES ONLY

D

D



CABLE SEALING COMPOUND (LEFT COMPOUND)
 3D VIEW



CABLE SEALING COMPOUND (RIGHT COMPOUND)
 3D VIEW

E

E

A	16/12/24	FOR INFORMATION	GH	RA	AR
ISSUE	DATE	COMMENTS	DRAWN	CHK'D	APP'D

PROJECT:
 VYRNWY FRANKTON CONNECTION PROJECT



TITLE:
 INDICATIVE CABLE SEALING
 END COMPOUND DESIGN

CIRCUIT / SITE: DWG

ORIGINATOR DRAWING No:
 331201487-STN-71-XX-GA-HC-010 A3

GGENC DRAWING No: SHEET: OF: ISSUE:

SCALE: AS SHOWN 02 02 A