

MOYVANNAN ELECTRICITY SUBSTATION

PLANNING DRAWINGS

TABLE OF CONTENTS

FIGURE 1: OVERALL SITE LOCATION (1:50,000)

FIGURE 2: OVERALL SITE LOCATION PLAN (1:17,500)

FIGURE 3: SITE LOCATION PLAN DRAWING KEY

FIGURE 4.1: SITE LOCATION PLAN 1 OF 5 (1:2,500)

FIGURE 4.2: SITE LOCATION PLAN 2 OF 5 (1:2,500)

FIGURE 4.3: SITE LOCATION PLAN 3 OF 5 (1:2,500)

FIGURE 4.4: SITE LOCATION PLAN 4 OF 5 (1:2,500)

FIGURE 4.5: SITE LOCATION PLAN 5 OF 5 (1:2,500)

FIGURE 5: SITE LAYOUT PLAN DRAWING KEY

FIGURE 6.1: SITE LAYOUT PLAN 1 OF 2 (1:500)

FIGURE 6.2: SITE LAYOUT PLAN 2 OF 2 (1:500)

FIGURE 6.3: ELECTRICITY SUBSTATION COMPOUND (1:250)

FIGURE 6.4: SITE ENTRANCE PLAN (1:250)

FIGURE 6.5 - FIGURE 6.15: JOINT BAY LOCATIONS 1-11 (1:500)

FIGURE 7: SUBSTATION COMPOUND ELEVATIONS

FIGURE 8: CONTROL BUILDING PLAN & ELEVATIONS

FIGURE 9: INTERFACE MAST


FIGURE 10: ACCESS TRACK SPECIFICATION

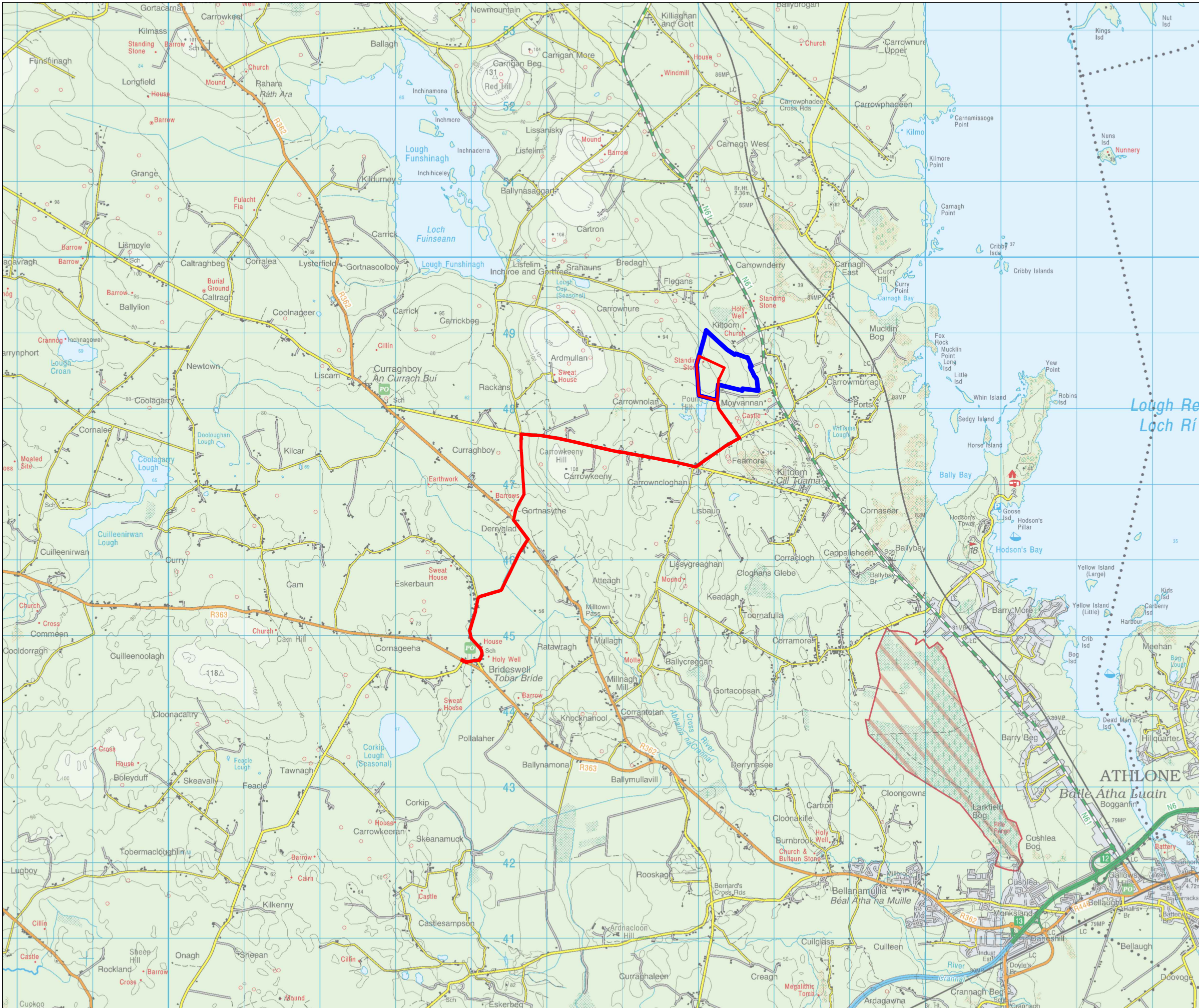
FIGURE 11: PALISADE FENCE SPECIFICATION

FIGURE 12: JOINT BAY SPECIFICATION

FIGURE 13: DIRECTIONAL DRILLING SPECIFICATION

FIGURE 14: ELECTRICITY LINE TRENCH SPECIFICATION

Date:	Rev:	Description:	Drawn By:
Prepared By:			
		Galetech Energy Services Clondargan, Stradone Co. Cavan, H12 NV06 info@galetechenergy.com www.galetechenergy.com	
Client: ENERGIA RENEWABLES ROI LTD.			
Job Title: MOYVANNAN ELECTRICITY SUBSTATION			
Drawing Title: TABLE OF CONTENTS			
Drawing No.:		Stage: PLANNING	
Scale:	Date: 03/10/2024	Revision No.: REV 0	
Drawn By: EF	Checked By: JB	Confirmed By: SC	



LEGEND:

LANDOWNERSHIP BOUNDARY

APPLICATION BOUNDARY

Date:	Rev:	Description:	Drawn By:
Prepared By:			

Galetech Energy Services
Clondargan, Stradone
Co. Cavan, H12 NV06
info@galetechenergy.com
www.galetechenergy.com

Client:

ENERGIA RENEWABLES ROI LTD.

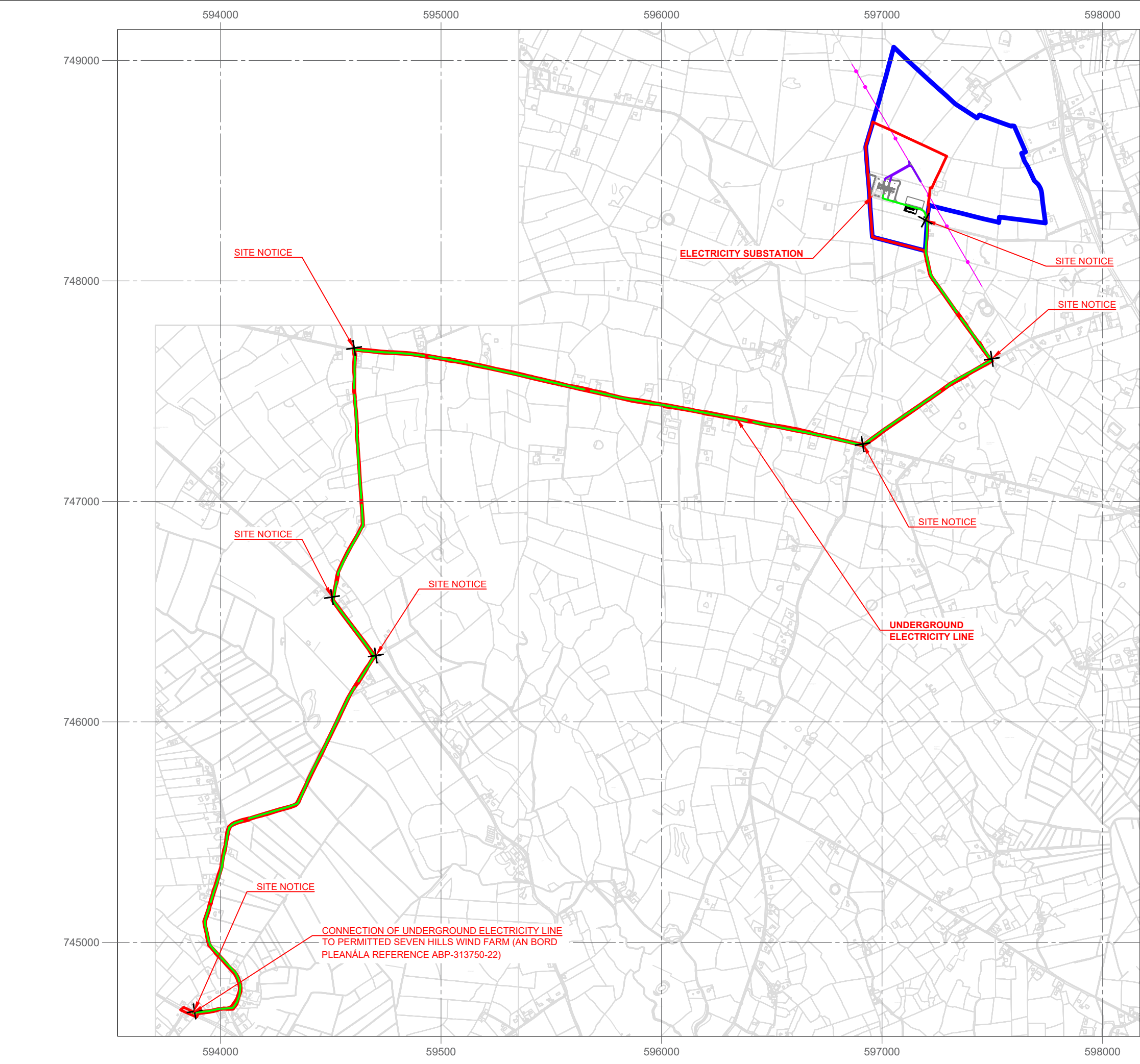
Job Title:

MOYVANNAN ELECTRICITY SUBSTATION

Drawing Title:

FIGURE 1: OVERALL SITE LOCATION
(1:50,000)

Drawing No:	Stage:	
SEV001SS_PAS_LOC-0.01	PLANNING	
Scale:	Date:	Revision No.:
(A3) 1:50,000	03/10/2024	REV 0
Drawn By:	Checked By:	Confirmed By:
EF	JB	SC



LEGEND:

- LANDOWNERSHIP BOUNDARY
- APPLICATION BOUNDARY
- UNDERGROUND ELECTRICITY LINE
- EXISTING OVERHEAD TRANSMISSION LINE
- UNDERGROUND ELECTRICITY LINE


NOTES:

- ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.
- ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED.
- DIMENSIONS MAY VARY DEPENDING ON SITE CONDITIONS.
- WHILE THE PRECISE SITING OF INFRASTRUCTURE MAY IMMATERIALLY DEVIATE FROM THAT ILLUSTRATED, ALL INFRASTRUCTURE SHALL BE LOCATED WITHIN THE APPLICATION BOUNDARY.

OSI © Licence: EN 0088524 - OS Map Ref. No. 2894, 2895, 2963 & 2964.
Prepared Using Irish Transverse Mercator (ITM).

Date:	Rev:	Description:	Drawn By:

Prepared By:



Galetech Energy Services
Clondargan, Stradone
Co. Cavan, H12 NV06
info@galetechenergy.com
www.galetechenergy.com

Client:

ENERGIA RENEWABLES ROI LTD.

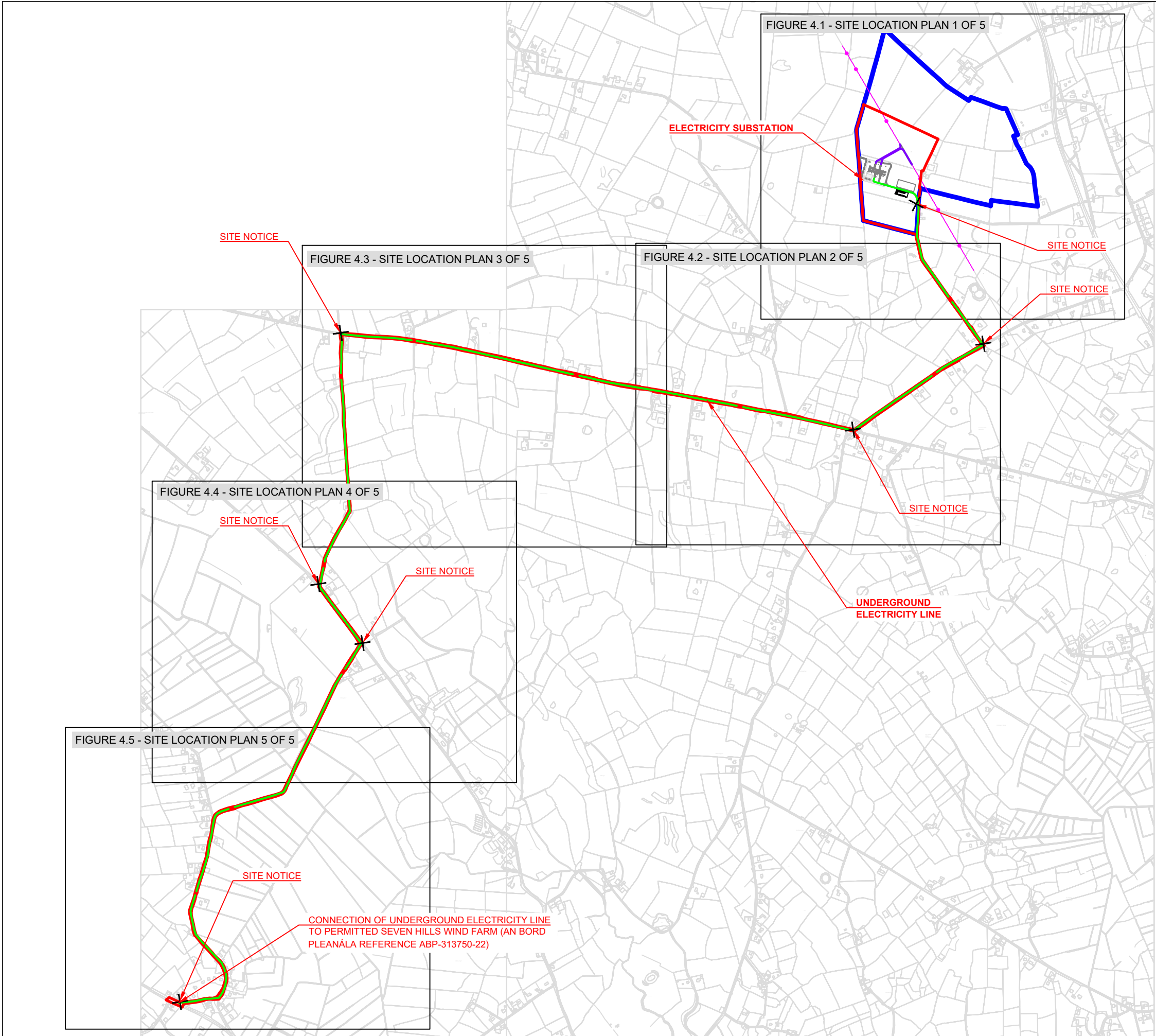
Job Title:

MOYVANNAN ELECTRICITY SUBSTATION

Drawing Title:

FIGURE 2: OVERALL SITE LOCATION PLAN

Drawing No.: SEV001SS_PAS_LOC-0.02	Stage: PLANNING	
Scale: (A3) 1:17,500	Date: 03/10/2024	Revision No.: REV 0
Drawn By: EF	Checked By: JB	Confirmed By: SC



- LEGEND:
- LANDOWNERSHIP BOUNDARY
 - APPLICATION BOUNDARY
 - UNDERGROUND ELECTRICITY LINE
 - EXISTING OVERHEAD TRANSMISSION LINE
 - UNDERGROUND ELECTRICITY LINE

- NOTES:
- ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.
 - ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED.
 - DIMENSIONS MAY VARY DEPENDING ON SITE CONDITIONS.

OSI © Licence: EN 0088524 - OS Map Ref. No. 2894, 2895, 2963 & 2964.
Prepared Using Irish Transverse Mercator (ITM).

Date: Rev: Description: Drawn By:

Prepared By:



Galetech Energy Services
Clondargan, Stradone
Co. Cavan, H12 NV06
info@galetechenergy.com
www.galetechenergy.com

Client:
ENERGIA RENEWABLES ROI LTD.

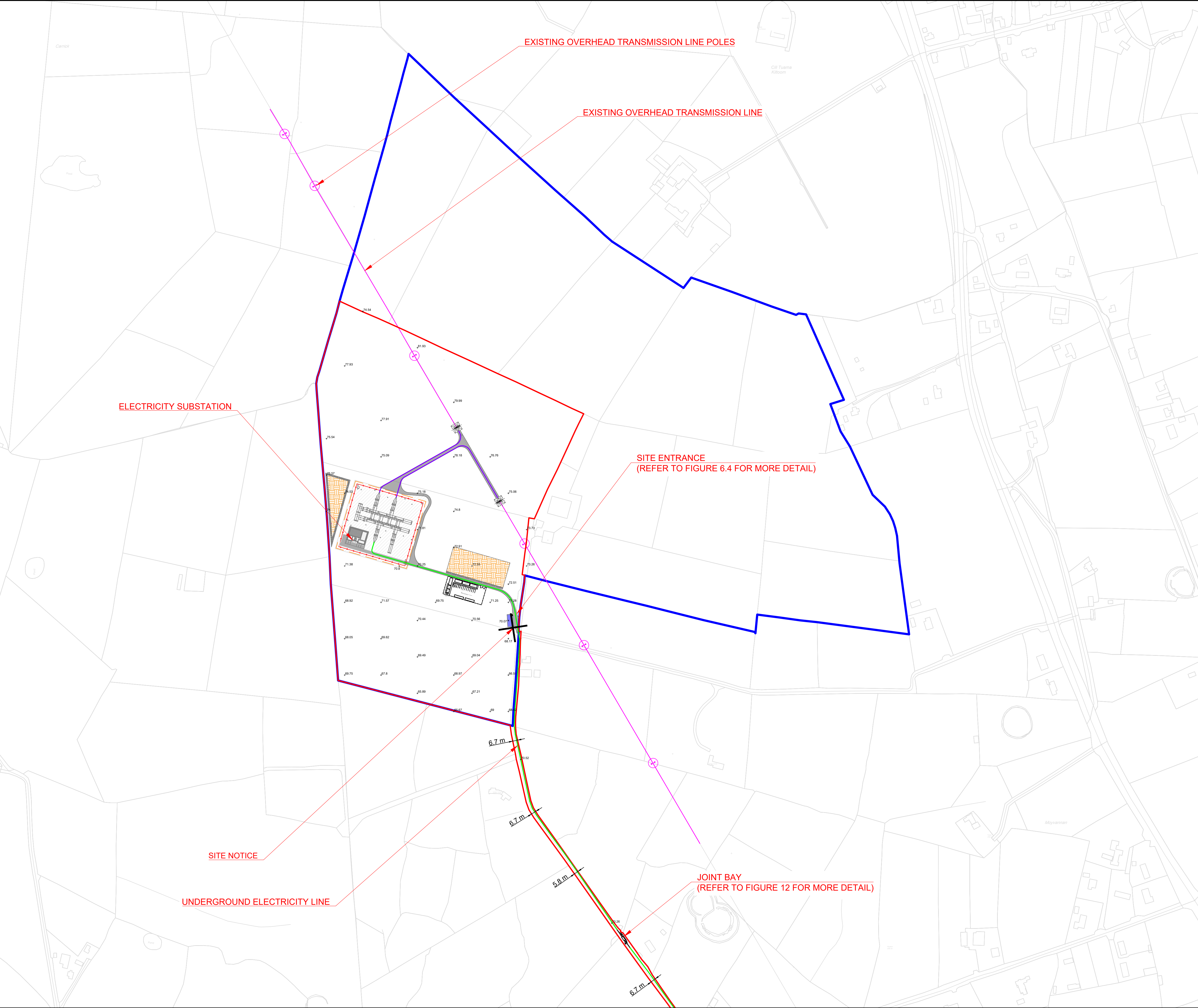
Job Title:
MOYVANNAN ELECTRICITY SUBSTATION

Drawing Title:
FIGURE 3: SITE LOCATION PLAN
DRAWING KEY

Drawing No.: SEV001SS_PAS_LOC-0.03 Stage: PLANNING

Scale: (A3) 1:17,500 Date: 03/10/2024 Revision No.: REV 0

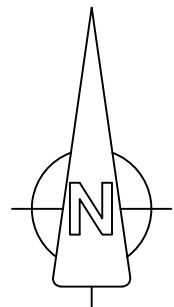
Drawn By: EF Checked By: JB Confirmed By: SC



LEGEND:

- LANDOWNERSHIP BOUNDARY
- APPLICATION BOUNDARY
- UNDERGROUND ELECTRICITY LINE
- UNDERGROUND ELECTRICITY LINE
- POST & RAIL FENCE
- SECURITY PALISADE FENCE
- ACCESS TRACKS
- SOIL DEPOSITION AREAS
- COMMUNICATIONS CHAMBER / JOINT BAY / LINK BOX CHAMBER

- NOTES:**
- ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.
 - ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED.
 - DIMENSIONS MAY VARY DEPENDING ON SITE CONDITIONS.



OSI © Licence: EN 0088524 - OS Map Ref. No. 2894, 2895, 2963 & 2964.
Prepared Using Irish Transverse Mercator (ITM).

Date:	Rev:	Description:	Drawn By:
-------	------	--------------	-----------

Prepared By:



Galetech Energy Services
Clondargan, Stradone
Co. Cavan, H12 NV06
info@galetechenergy.com
www.galetechenergy.com

Client:
ENERGIA RENEWABLES ROI LTD.

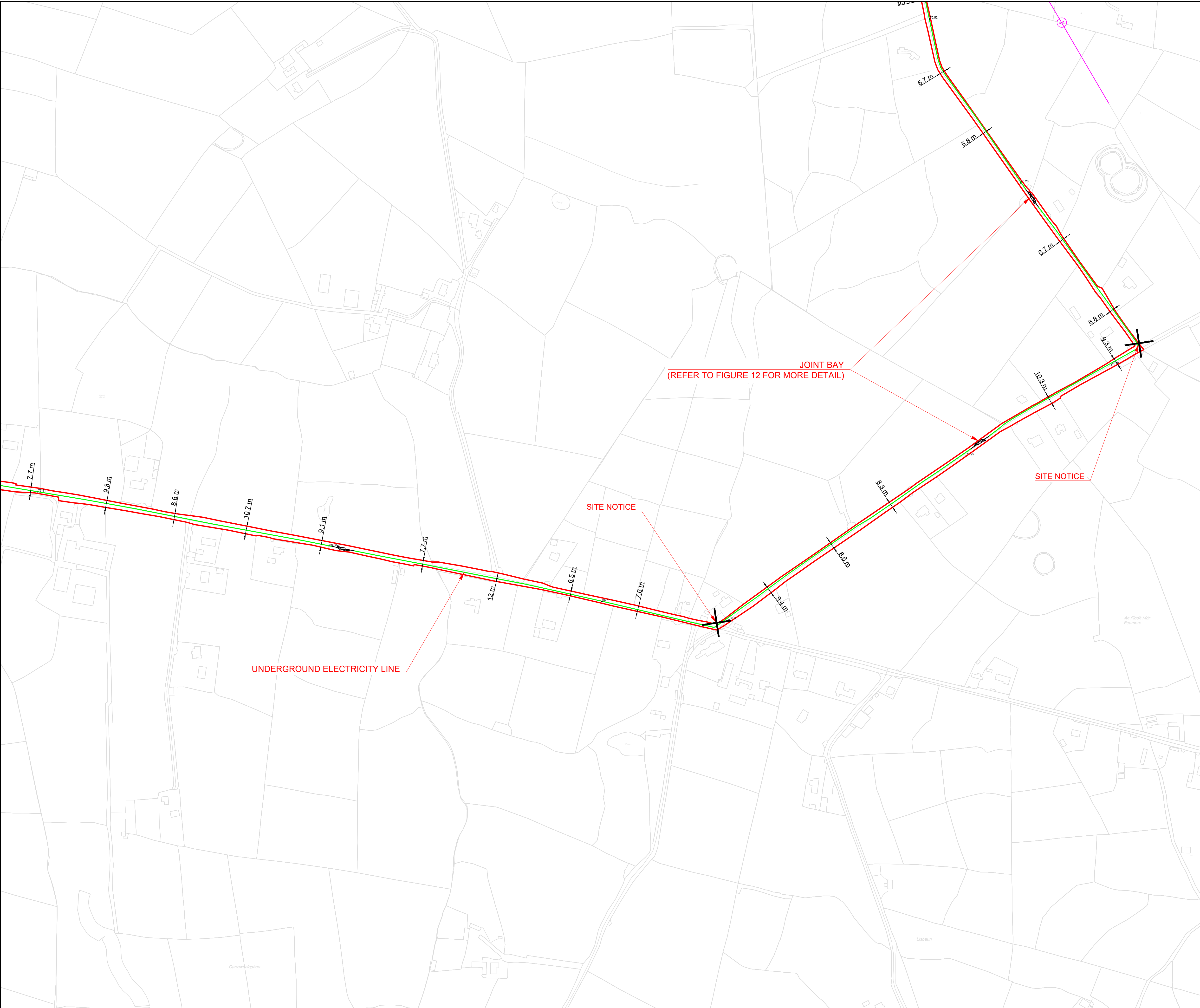
Job Title:
MOYVANNAN ELECTRICITY SUBSTATION

Drawing Title:
FIGURE 4.1: SITE LOCATION PLAN 1 OF 5
(1:2,500)

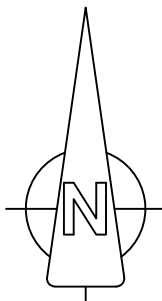
Drawing No.	Stage.
SEV001SS_PAS_LOC-0.04	PLANNING

Scale:	Date:	Revision No.:
(A1) 1:2500	03/10/2024	REV 0

Drawn By:	Checked By:	Confirmed By:
EF	JB	SC



- LEGEND:
- APPLICATION BOUNDARY
 - UNDERGROUND ELECTRICITY LINE
 - EXISTING OVERHEAD TRANSMISSION LINE
 - COMMUNICATIONS CHAMBER / JOINT BAY / LINK BOX CHAMBER
- NOTES:
- ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.
 - ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED.
 - DIMENSIONS MAY VARY DEPENDING ON SITE CONDITIONS.



OSI © Licence: EN 0088524 - OS Map Ref. No. 2894, 2895, 2963 & 2964.
Prepared Using Irish Transverse Mercator (ITM).

Date:	Rev:	Description:	Drawn By:
Prepared By:			



Galetech Energy Services
Clondargan, Stradone
Co. Cavan, H12 NV06
info@galetechenergy.com
www.galetechenergy.com

Client: ENERGIA RENEWABLES ROI LTD.

Job Title: MOYVANNAN ELECTRICITY SUBSTATION

Drawing Title: FIGURE 4.2: SITE LOCATION PLAN 2 OF 5 (1:2,500)

Drawing No. SEV001SS_PAS_LOC-0.05		Stage. PLANNING	
Scale: (A1) 1:2500	Date: 03/10/2024	Revision No.: REV 0	
Drawn By: EF	Checked By: JB	Confirmed By: SC	




- LEGEND:
- APPLICATION BOUNDARY
 - UNDERGROUND ELECTRICITY LINE
 - COMMUNICATIONS CHAMBER / JOINT BAY / LINK BOX CHAMBER
- NOTES:
- ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.
 - ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED.
 - DIMENSIONS MAY VARY DEPENDING ON SITE CONDITIONS.

OSI © Licence: EN 0088524 - OS Map Ref. No. 2894, 2895, 2963 & 2964.
Prepared Using Irish Transverse Mercator (ITM).

Date:	Rev.	Description:	Drawn By:

Prepared By:



Galetech Energy Services
Clondargan, Stradone
Co. Cavan, H12 NV06
info@galetechenergy.com
www.galetechenergy.com

Client:
ENERGIA RENEWABLES ROI LTD.

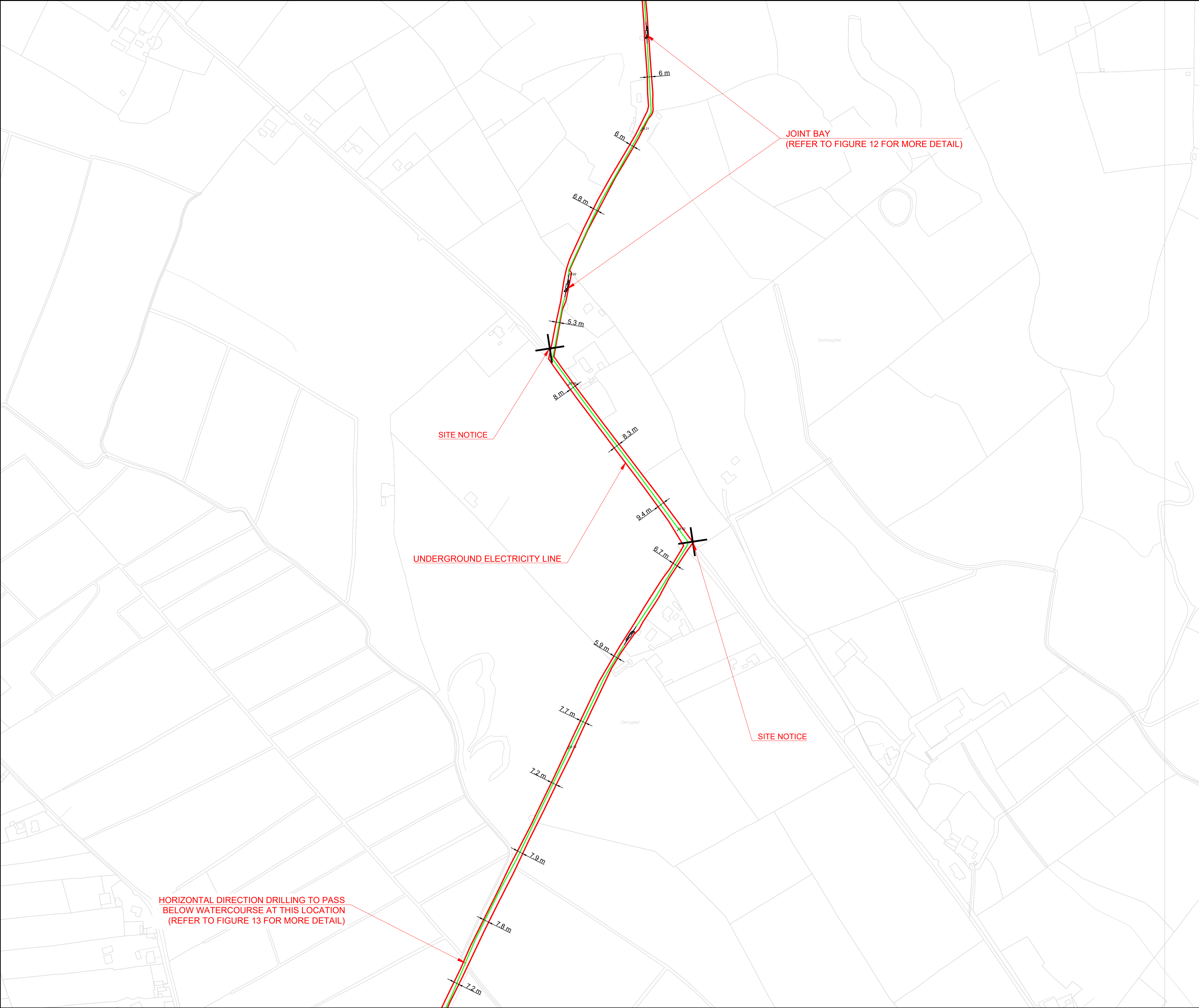
Job Title:
MOYVANNAN ELECTRICITY SUBSTATION

Drawing Title:
**FIGURE 4.3: SITE LOCATION PLAN 3 OF 5
(1:2,500)**

Drawing No.	Stage.
SEV001SS_PAS_LOC-0.06	PLANNING

Scale:	Date:	Revision No.:
(A1) 1:2500	03/10/2024	REV 0

Drawn By:	Checked By:	Confirmed By:
EF	JB	SC



- LEGEND:**
- APPLICATION BOUNDARY
 - UNDERGROUND ELECTRICITY LINE
 - COMMUNICATIONS CHAMBER / JOINT BAY / LINK BOX CHAMBER
- NOTES:**
- ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.
 - ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED.
 - DIMENSIONS MAY VARY DEPENDING ON SITE CONDITIONS.

OSI © Licence: EN 0088524 - OS Map Ref. No. 2894, 2895, 2963 & 2964.
Prepared Using Irish Transverse Mercator (ITM).

Date:	Rev:	Description:	Drawn By:
Prepared By:			

Galetech Energy Services
Clondargan, Stradone
Co. Cavan, H12 NV06
info@galetechenergy.com
www.galetechenergy.com

Client:

ENERGIA RENEWABLES ROI LTD.

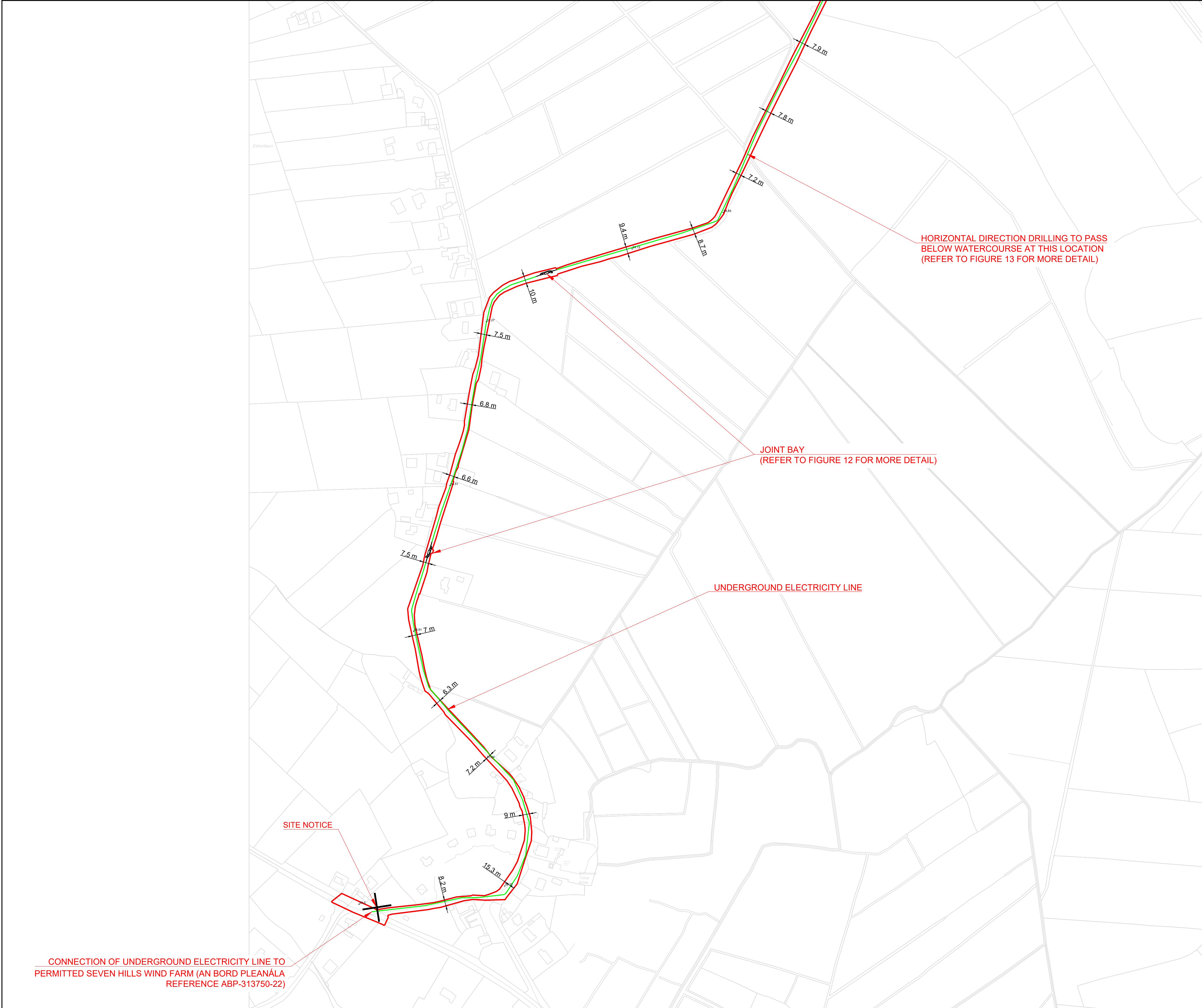
Job Title:

MOYVANNAN ELECTRICITY SUBSTATION

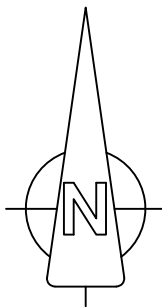
Drawing Title:

**FIGURE 4.4: SITE LOCATION PLAN 4 OF 5
(1:2,500)**

Drawing No. SEV001SS_PAS_LOC-0.07	Stage. PLANNING	
Scale: (A1) 1:2500	Date: 03/10/2024	Revision No.: REV 0
Drawn By: EF	Checked By: JB	Confirmed By: SC



- LEGEND:
- APPLICATION BOUNDARY
 - UNDERGROUND ELECTRICITY LINE
 - COMMUNICATIONS CHAMBER / JOINT BAY / LINK BOX CHAMBER
- NOTES:
- ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.
 - ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED.
 - DIMENSIONS MAY VARY DEPENDING ON SITE CONDITIONS.



OSI © Licence: EN 0088524 - OS Map Ref. No. 2894, 2895, 2963 & 2964.
Prepared Using Irish Transverse Mercator (ITM).

Date:	Rev:	Description:	Drawn By:
Prepared By:			



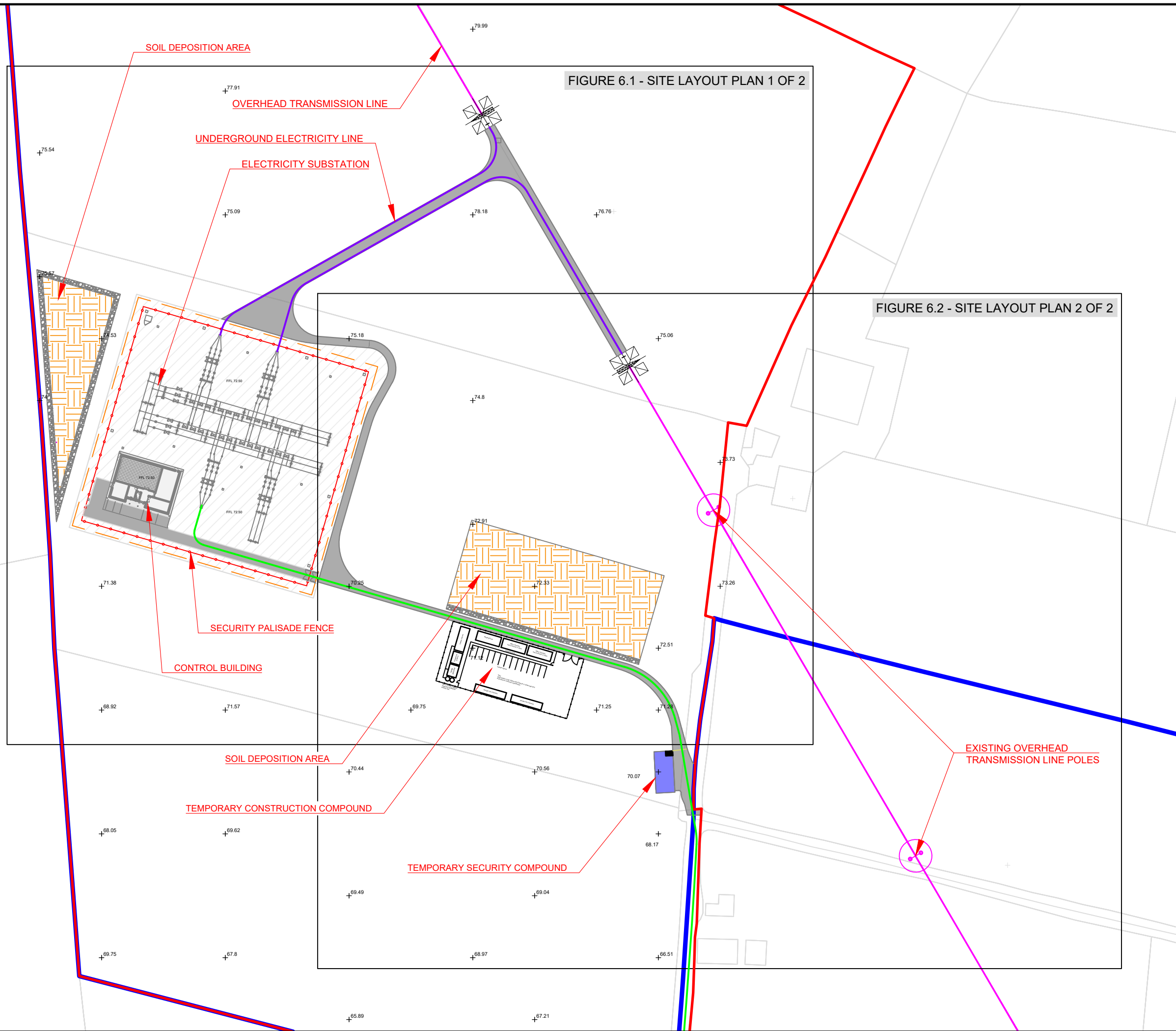
Galetech Energy Services
Clondorgan, Stradone
Co. Cavan, H12 NV06
info@galetechenergy.com
www.galetechenergy.com

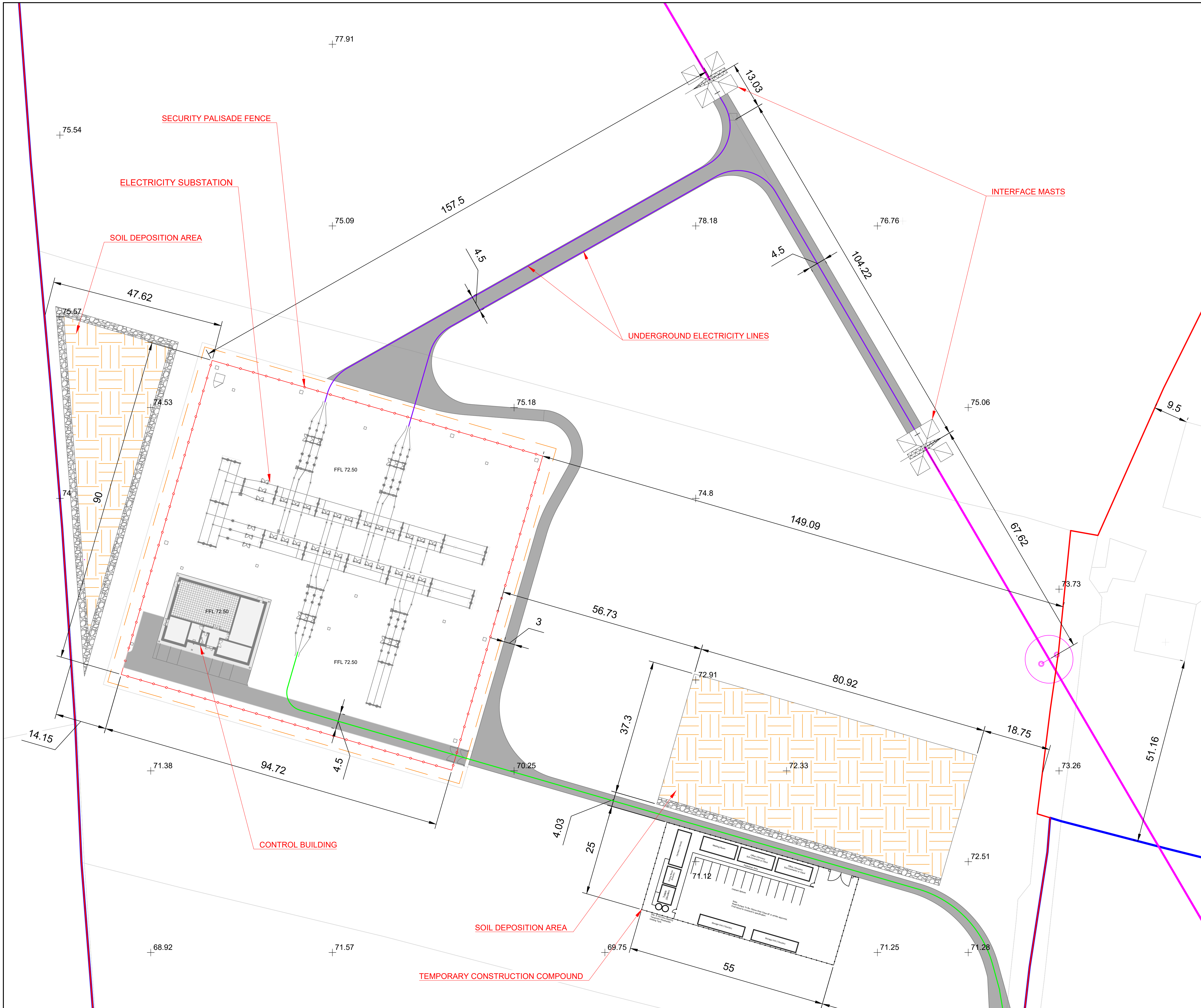
Client: ENERGIA RENEWABLES ROI LTD.

Job Title: MOYVANNAN ELECTRICITY SUBSTATION

Drawing Title: FIGURE 4.5: SITE LOCATION PLAN 5 OF 5 (1:2,500)

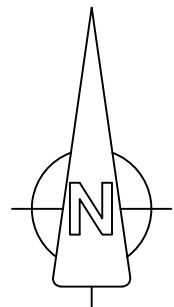
<u>Drawing No.</u> SEV001SS_PAS_LOC-0.08		<u>Stage.</u> PLANNING
<u>Scale.</u> (A1) 1:2500	<u>Date.</u> 03/10/2024	<u>Revision No.:</u> REV 0
<u>Drawn By:</u> EF	<u>Checked By:</u> JB	<u>Confirmed By:</u> SC





- LEGEND:
- LANDOWNERSHIP BOUNDARY
 - APPLICATION BOUNDARY
 - UNDERGROUND ELECTRICITY LINE
 - EXISTING OVERHEAD TRANSMISSION LINE
 - UNDERGROUND ELECTRICITY LINE
 - POST & RAIL FENCE
 - SECURITY PALISADE FENCE
 - ACCESS TRACKS
 - SOIL DEPOSITION AREAS

- NOTES:
- ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.
 - ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED.
 - DIMENSIONS MAY VARY DEPENDING ON SITE CONDITIONS.



OSI © Licence: EN 0088524 - OS Map Ref. No. 2894, 2895, 2963 & 2964.
Prepared Using Irish Transverse Mercator (ITM).

Date:	Rev:	Description:	Drawn By:

Prepared By:



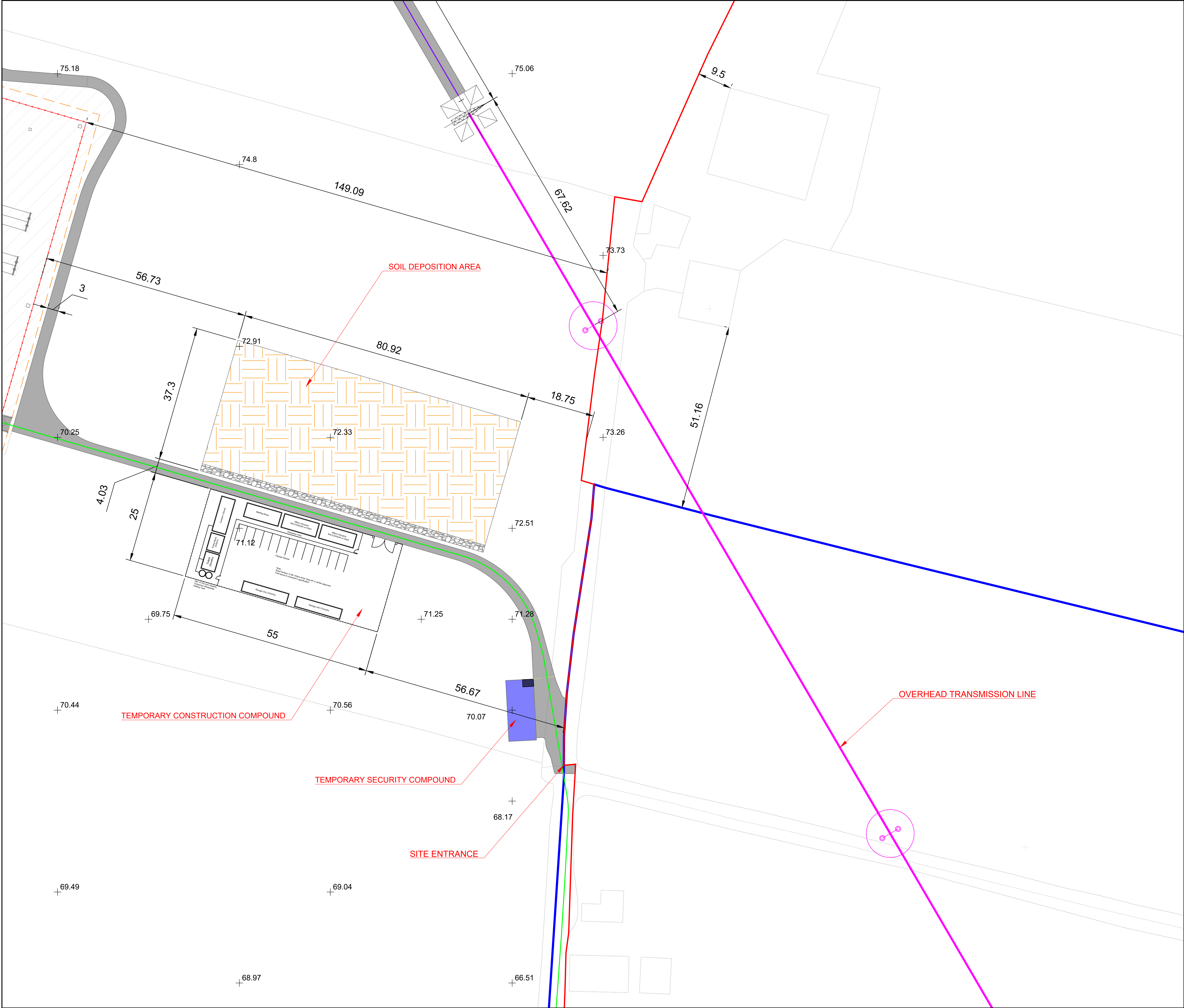
Galetech Energy Services
Clondargan, Stradone
Co. Cavan, H12 NV06
info@galetechenergy.com
www.galetechenergy.com

Client:
ENERGIA RENEWABLES ROI LTD.

Job Title:
MOYVANNAN ELECTRICITY SUBSTATION

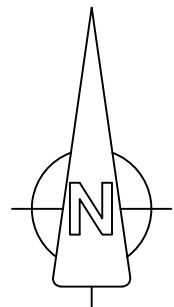
Drawing Title:
**FIGURE 6.1: SITE LAYOUT PLAN 1 OF 2
(1:500)**

Drawing No. SEV001SS_PAS_LAY-0.02		Stage. PLANNING	
Scale: (A1) 1:500	Date: 03/10/2024	Revision No.: REV 0	
Drawn By: EF	Checked By: JB	Confirmed By: SC	



- LEGEND:
- LANDOWNERSHIP BOUNDARY
 - APPLICATION BOUNDARY
 - UNDERGROUND ELECTRICITY LINE
 - EXISTING OVERHEAD TRANSMISSION LINE
 - UNDERGROUND ELECTRICITY LINE
 - POST & RAIL FENCE
 - SECURITY PALISADE FENCE
 - ACCESS TRACKS
 - SOIL DEPOSITION AREAS

- NOTES:
- ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.
 - ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED.
 - DIMENSIONS MAY VARY DEPENDING ON SITE CONDITIONS.



OSI © Licence: EN 0088524 - OS Map Ref. No. 2894, 2895, 2963 & 2964.
Prepared Using Irish Transverse Mercator (ITM).

Date:	Rev:	Description:	Drawn By:
-------	------	--------------	-----------

Prepared By:



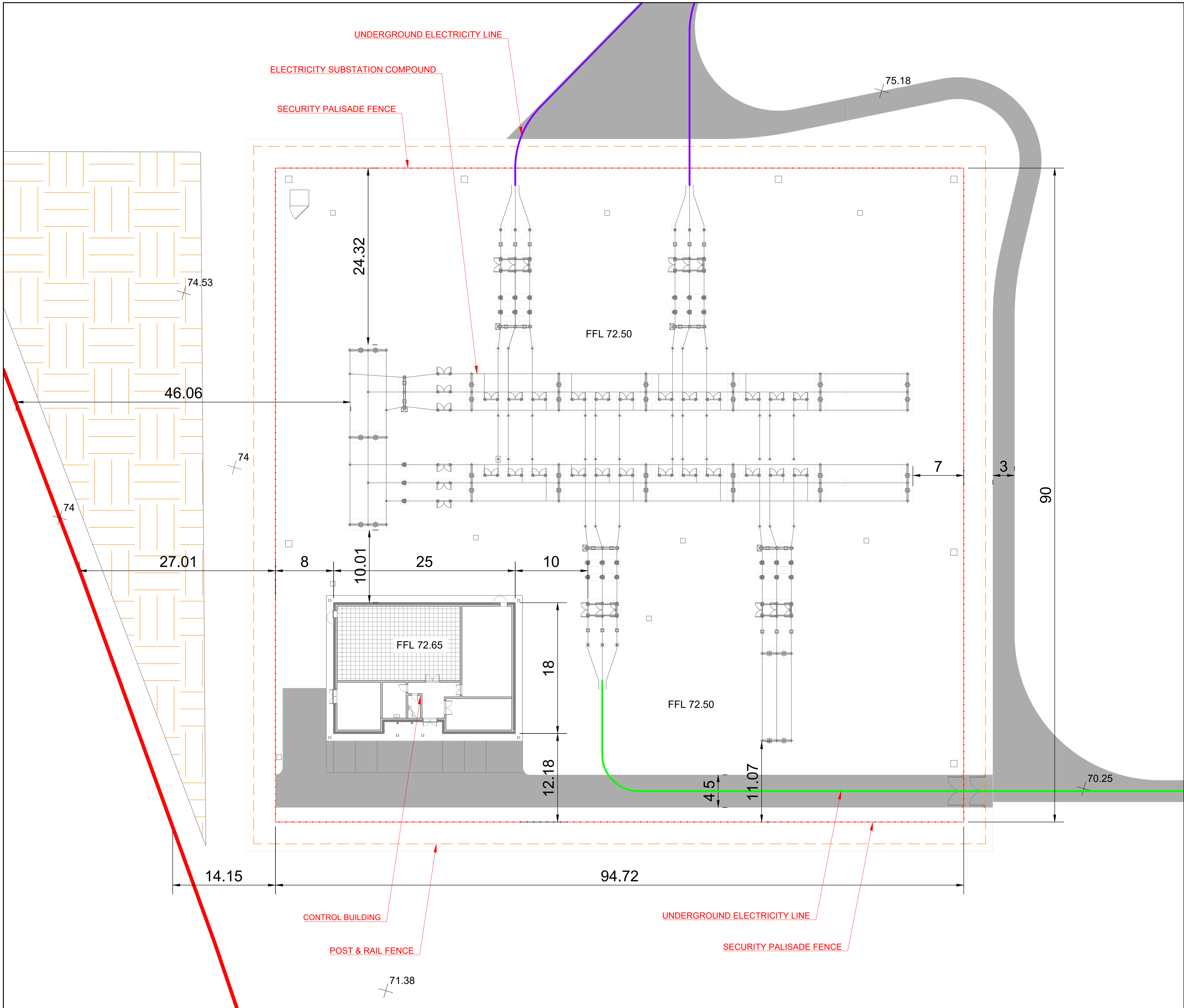
Galetech Energy Services
Clondargan, Stradone
Co. Cavan, H12 NV06
info@galetechenergy.com
www.galetechenergy.com

Client:
ENERGIA RENEWABLES ROI LTD.

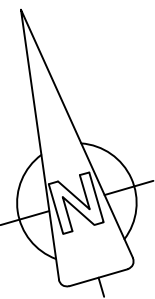
Job Title:
MOYVANNAN ELECTRICITY SUBSTATION

Drawing Title:
**FIGURE 6.2: SITE LAYOUT PLAN 2 OF 2
(1:500)**

<u>Drawing No.</u> SEV001SS_PAS_LAY-0.03		<u>Stage.</u> PLANNING
<u>Scale:</u> (A1) 1:500	<u>Date:</u> 03/10/2024	<u>Revision No.:</u> REV 0
<u>Drawn By:</u> EF	<u>Checked By:</u> JB	<u>Confirmed By:</u> SC



- LEGEND:
- APPLICATION BOUNDARY
 - UNDERGROUND ELECTRICITY LINE
 - UNDERGROUND ELECTRICITY LINE
 - POST & RAIL FENCE
 - SECURITY PALISADE FENCE
 - ACCESS TRACKS
 - SOIL DEPOSITION AREAS
- NOTES:
- ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.
 - ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED.
 - DIMENSIONS MAY VARY DEPENDING ON SITE CONDITIONS.



Date:	Rev.	Description:	Drawn By:
-------	------	--------------	-----------

Prepared By:



Galetech Energy Services
Clondargan, Stradone
Co. Cavan, H12 NV06
info@galetechenergy.com
www.galetechenergy.com

Client:
ENERGIA RENEWABLES ROI LTD.

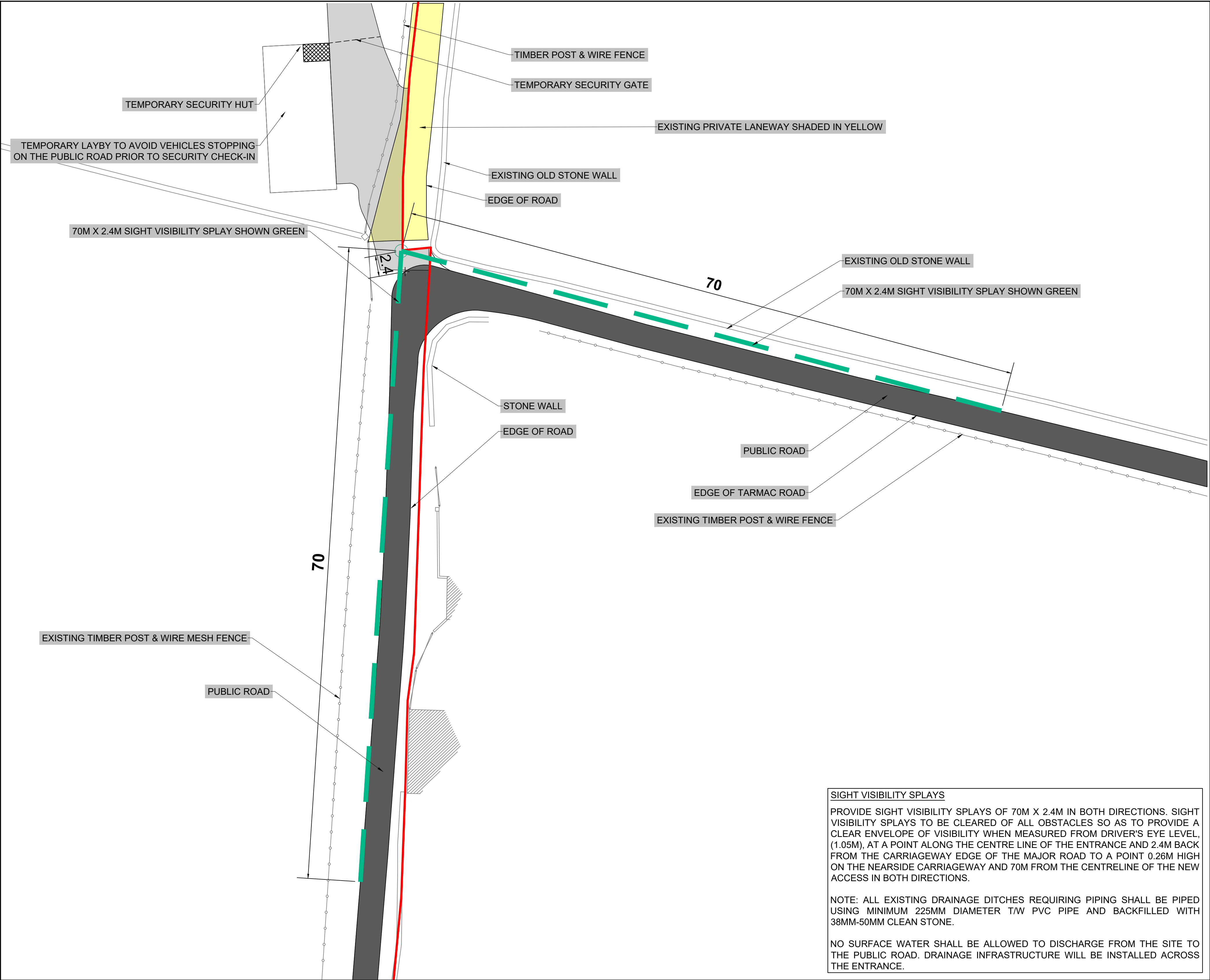
Job Title:
MOYVANNAN ELECTRICITY SUBSTATION

Drawing Title:
FIGURE 6.3: ELECTRICITY SUBSTATION
COMPOUND (1:250)

Drawing No.	Stage.
SEV001SS_PAS_LAY-0.04	PLANNING

Scale:	Date:	Revision No.:
(A1) 1:250	03/10/2024	REV 0

Drawn By:	Checked By:	Confirmed By:
EF	JB	SC





Galetech Energy Services
Clondargan, Stradone
Co. Cavan, H12 NV06
info@galetechenergy.com
www.galetechenergy.com

Client:
ENERGIA RENEWABLES ROI LTD.

Job Title:
MOYVANNAN ELECTRICITY SUBSTATION

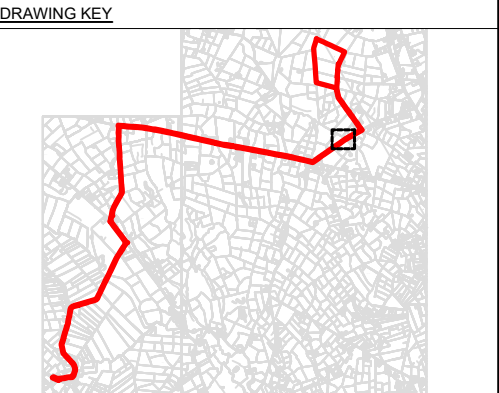
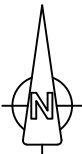
Drawing Title:
FIGURE 6.4: SITE ENTRANCE PLAN

Drawing No. SEV001SS_PAS_LAY-0.05		Stage. PLANNING	
Scale: (A1) 1:250	Date: 03/10/2024	Revision No.: REV 0	
Drawn By: EF	Checked By: JB	Confirmed By: SC	



- LEGEND:**
- APPLICATION BOUNDARY
 - UNDERGROUND ELECTRICITY LINE
 - COMMUNICATIONS CHAMBER / JOINT BAY / LINK BOX CHAMBER

- NOTES:**
- ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.
 - ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED.
 - DIMENSIONS MAY VARY DEPENDING ON SITE CONDITIONS.



OSi © Licence: EN 0088524 - OS Map Ref. No. 2894, 2895, 2963 & 2964.
Prepared Using Irish Transverse Mercator (ITM).

Date:	Rev:	Description:	Drawn By:
-------	------	--------------	-----------

Prepared By:



Galetech Energy Services
Clondargan, Stradone
Co. Cavan, H12 NV06
info@galetechenergy.com
www.galetechenergy.com

Client:
ENERGIA RENEWABLES ROI LTD.

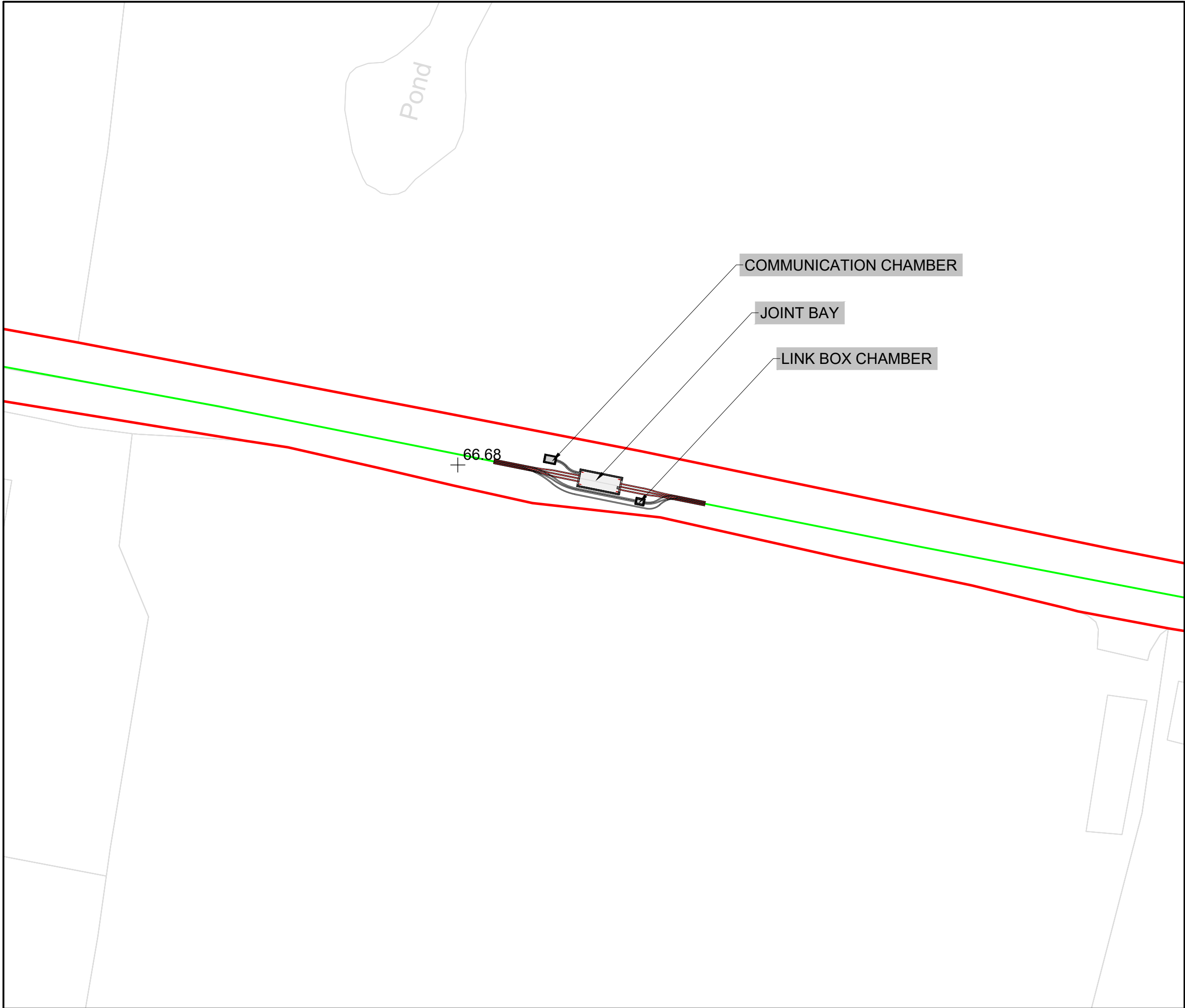
Job Title:
MOYVANNAN ELECTRICITY SUBSTATION

Drawing Title:
FIGURE 6.6: JOINT BAY LOCATION 2

Drawing No.	Stage.
SEV001SS_PAS_LAY-0.07	PLANNING

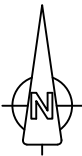
Scale:	Date:	Revision No.:
(A3) 1:500	06/11/2024	REV 0

Drawn By:	Checked By:	Confirmed By:
EF	JB	SC

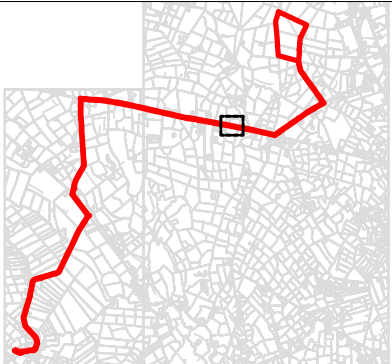


- LEGEND:
- APPLICATION BOUNDARY
 - UNDERGROUND ELECTRICITY LINE
 - COMMUNICATIONS CHAMBER / JOINT BAY / LINK BOX CHAMBER

- NOTES:
- ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.
 - ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED.
 - DIMENSIONS MAY VARY DEPENDING ON SITE CONDITIONS.



DRAWING KEY



OSi © Licence: EN 0088524 - OS Map Ref. No. 2894, 2895, 2963 & 2964.
Prepared Using Irish Transverse Mercator (ITM).

Date:	Rev:	Description:	Drawn By:
-------	------	--------------	-----------

Prepared By:



Galetech Energy Services
Clondargan, Stradone
Co. Cavan, H12 NV06
info@galetechenergy.com
www.galetechenergy.com

Client:
ENERGIA RENEWABLES ROI LTD.

Job Title:
MOYVANNAN ELECTRICITY SUBSTATION

Drawing Title:
FIGURE 6.7: JOINT BAY LOCATION 3

Drawing No.	Stage.
SEV001SS_PAS_LAY-0.08	PLANNING

Scale:	Date:	Revision No.:
(A3) 1:500	06/11/2024	REV 0

Drawn By:	Checked By:	Confirmed By:
EF	JB	SC



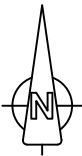
LEGEND:

APPLICATION BOUNDARY

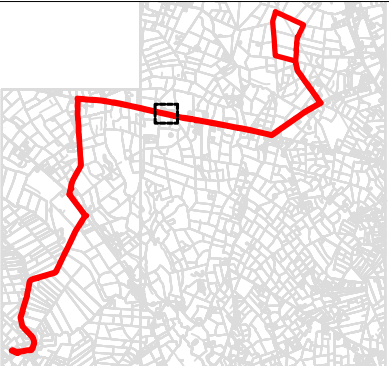
UNDERGROUND ELECTRICITY LINE

COMMUNICATIONS CHAMBER / JOINT BAY / LINK BOX CHAMBER

- NOTES:**
- ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.
 - ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED.
 - DIMENSIONS MAY VARY DEPENDING ON SITE CONDITIONS.



DRAWING KEY



OSi © Licence: EN 0088524 - OS Map Ref. No. 2894, 2895, 2963 & 2964.
Prepared Using Irish Transverse Mercator (ITM).

Date:	Rev:	Description:	Drawn By:
-------	------	--------------	-----------

Prepared By:



Galetech Energy Services
Clondargan, Stradone
Co. Cavan, H12 NV06
info@galetechenergy.com
www.galetechenergy.com

Client:
ENERGIA RENEWABLES ROI LTD.

Job Title:
MOYVANNAN ELECTRICITY SUBSTATION

Drawing Title:
FIGURE 6.8: JOINT BAY LOCATION 4

Drawing No. SEV001SS_PAS_LAY-0.09		Stage. PLANNING	
Scale: (A3) 1:500	Date: 06/11/2024	Revision No.: REV 0	
Drawn By: EF	Checked By: JB	Confirmed By: SC	



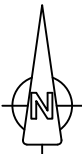
LEGEND:

APPLICATION BOUNDARY

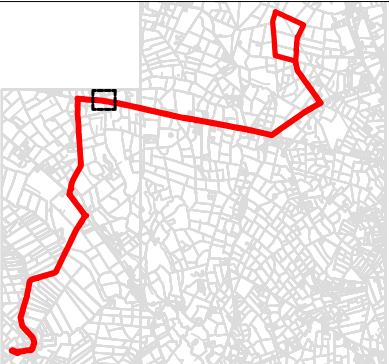
UNDERGROUND ELECTRICITY LINE

COMMUNICATIONS CHAMBER / JOINT BAY / LINK BOX CHAMBER

- NOTES:**
- ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.
 - ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED.
 - DIMENSIONS MAY VARY DEPENDING ON SITE CONDITIONS.



DRAWING KEY



OSi © Licence: EN 0088524 - OS Map Ref. No. 2894, 2895, 2963 & 2964.
Prepared Using Irish Transverse Mercator (ITM).

Date:	Rev:	Description:	Drawn By:
-------	------	--------------	-----------

Prepared By:



Galetech Energy Services
Clondargan, Stradone
Co. Cavan, H12 NV06
info@galetechenergy.com
www.galetechenergy.com

Client:
ENERGIA RENEWABLES ROI LTD.

Job Title:
MOYVANNAN ELECTRICITY SUBSTATION

Drawing Title:

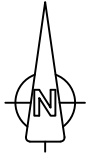
FIGURE 6.9: JOINT BAY LOCATION 5

Drawing No. SEV001SS_PAS_LAY-0.10		Stage. PLANNING	
Scale: (A3) 1:500	Date: 06/11/2024	Revision No.: REV 0	
Drawn By: EF	Checked By: JB	Confirmed By: SC	

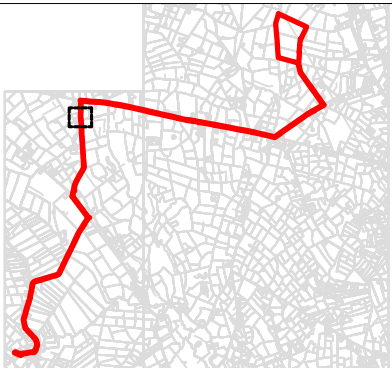


- LEGEND:**
- APPLICATION BOUNDARY
 - UNDERGROUND ELECTRICITY LINE
 - COMMUNICATIONS CHAMBER / JOINT BAY / LINK BOX CHAMBER

- NOTES:**
- ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.
 - ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED.
 - DIMENSIONS MAY VARY DEPENDING ON SITE CONDITIONS.



DRAWING KEY



OSi © Licence: EN 0088524 - OS Map Ref. No. 2894, 2895, 2963 & 2964.
Prepared Using Irish Transverse Mercator (ITM).

Date: Rev: Description: Drawn By:

Prepared By:



Galetech Energy Services
Clondargan, Stradone
Co. Cavan, H12 NV06
info@galetechenergy.com
www.galetechenergy.com

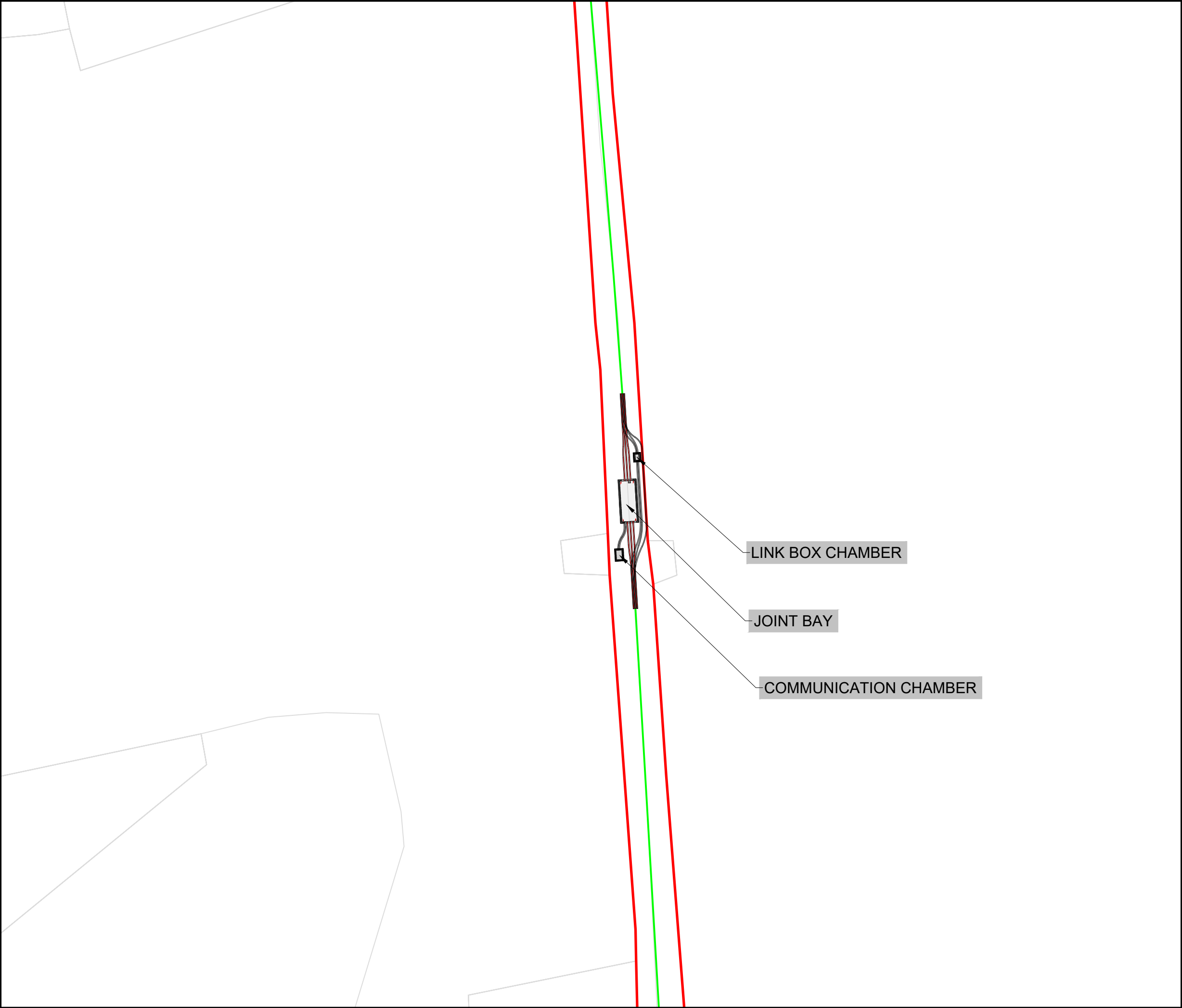
Client:
ENERGIA RENEWABLES ROI LTD.

Job Title:
MOYVANNAN ELECTRICITY SUBSTATION

Drawing Title:

FIGURE 6.10: JOINT BAY LOCATION 6

<u>Drawing No.</u> SEV001SS_PAS_LAY-0.11		<u>Stage.</u> PLANNING	
<u>Scale:</u> (A3) 1:500		<u>Date:</u> 06/11/2024	
		<u>Revision No.:</u> REV 0	
<u>Drawn By:</u> EF		<u>Checked By:</u> JB	
		<u>Confirmed By:</u> SC	



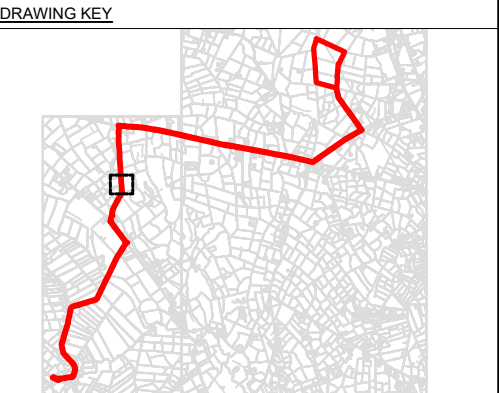
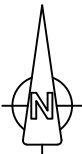
LEGEND:

APPLICATION BOUNDARY

UNDERGROUND ELECTRICITY LINE

COMMUNICATIONS CHAMBER / JOINT BAY / LINK BOX CHAMBER

- NOTES:**
- 1. ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.
 - 2. ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED.
 - 3. DIMENSIONS MAY VARY DEPENDING ON SITE CONDITIONS.



OSi © Licence: EN 0088524 - OS Map Ref. No. 2894, 2895, 2963 & 2964.
Prepared Using Irish Transverse Mercator (ITM).

Date:	Rev:	Description:	Drawn By:
-------	------	--------------	-----------

Prepared By:



Galetech Energy Services
Clondargan, Stradone
Co. Cavan, H12 NV06
info@galetechenergy.com
www.galetechenergy.com

Client:
ENERGIA RENEWABLES ROI LTD.

Job Title:
MOYVANNAN ELECTRICITY SUBSTATION

Drawing Title:

FIGURE 6.11: JOINT BAY LOCATION 7

Drawing No.	Stage.
SEV001SS_PAS_LAY-0.12	PLANNING

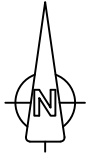
Scale:	Date:	Revision No.:
(A3) 1:500	06/11/2024	REV 0

Drawn By:	Checked By:	Confirmed By:
EF	JB	SC

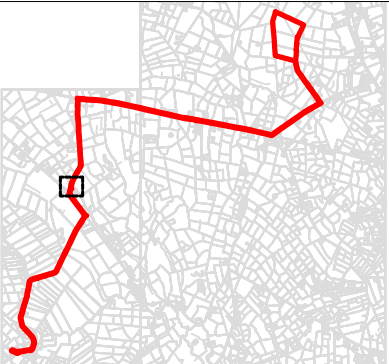


- LEGEND:**
- APPLICATION BOUNDARY
 - UNDERGROUND ELECTRICITY LINE
 - COMMUNICATIONS CHAMBER / JOINT BAY / LINK BOX CHAMBER

- NOTES:**
- ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.
 - ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED.
 - DIMENSIONS MAY VARY DEPENDING ON SITE CONDITIONS.



DRAWING KEY



OSi © Licence: EN 0088524 - OS Map Ref. No. 2894, 2895, 2963 & 2964.
Prepared Using Irish Transverse Mercator (ITM).

Date:	Rev:	Description:	Drawn By:
-------	------	--------------	-----------

Prepared By:



Galetech Energy Services
Clondargan, Stradone
Co. Cavan, H12 NV06
info@galetechenergy.com
www.galetechenergy.com

Client:
ENERGIA RENEWABLES ROI LTD.

Job Title:
MOYVANNAN ELECTRICITY SUBSTATION

Drawing Title:

FIGURE 6.12: JOINT BAY LOCATION 8

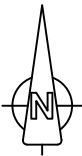
Drawing No. SEV001SS_PAS_LAY-0.13		Stage. PLANNING	
Scale: (A3) 1:500	Date: 06/11/2024	Revision No.: REV 0	
Drawn By: EF	Checked By: JB	Confirmed By: SC	



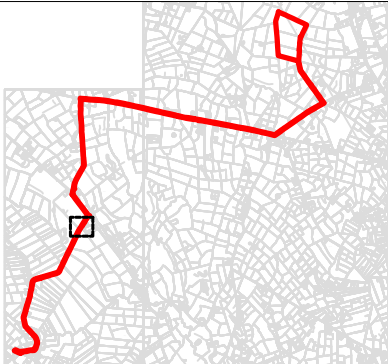
LEGEND:

- APPLICATION BOUNDARY
- UNDERGROUND ELECTRICITY LINE
- COMMUNICATIONS CHAMBER / JOINT BAY / LINK BOX CHAMBER

- NOTES:**
- ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.
 - ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED.
 - DIMENSIONS MAY VARY DEPENDING ON SITE CONDITIONS.



DRAWING KEY



OSi © Licence: EN 0088524 - OS Map Ref. No. 2894, 2895, 2963 & 2964.
Prepared Using Irish Transverse Mercator (ITM).

Date:	Rev:	Description:	Drawn By:
-------	------	--------------	-----------

Prepared By:



Galetech Energy Services
Clondargan, Stradone
Co. Cavan, H12 NV06
info@galetechenergy.com
www.galetechenergy.com

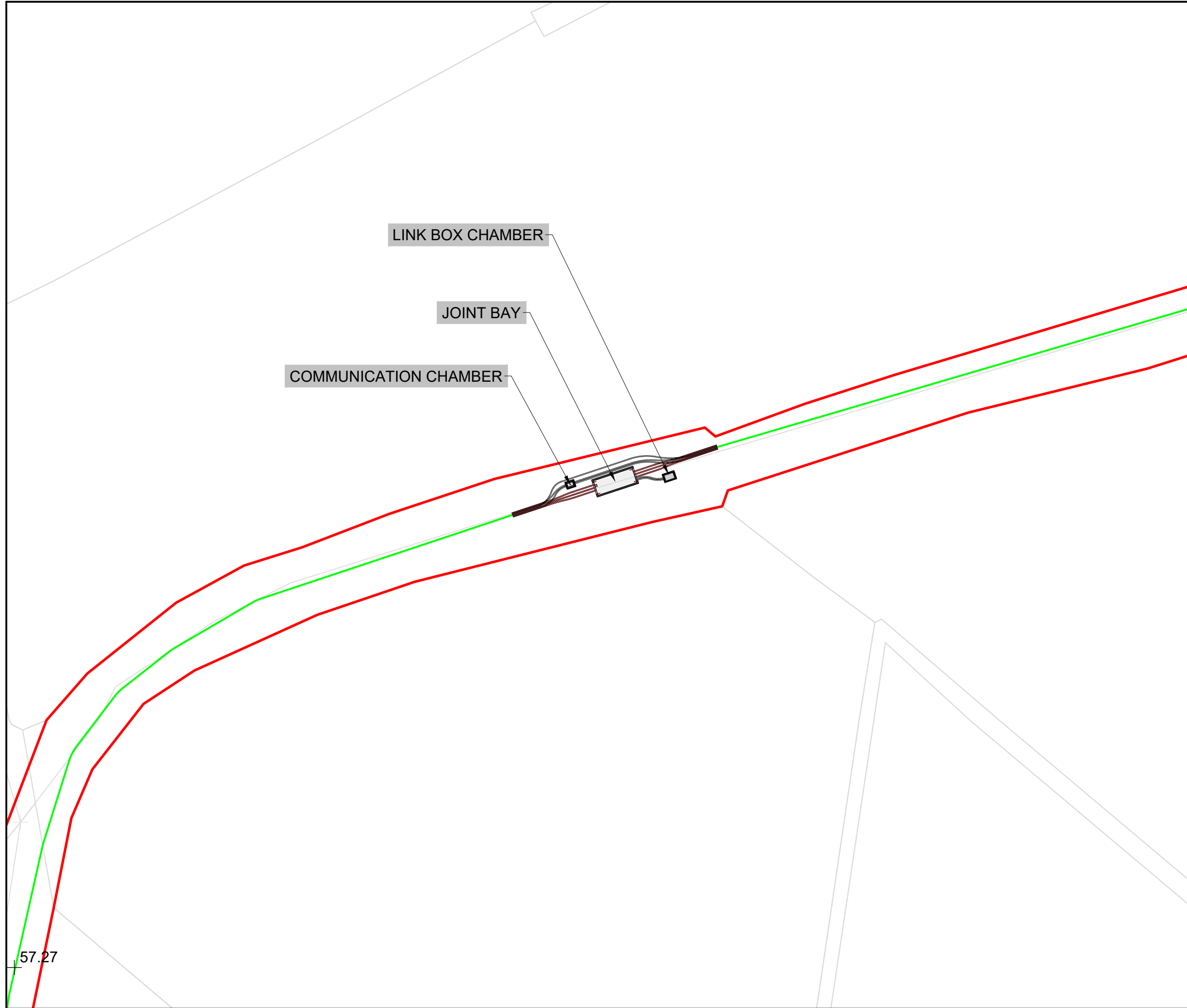
Client:
ENERGIA RENEWABLES ROI LTD.

Job Title:
MOYVANNAN ELECTRICITY SUBSTATION

Drawing Title:

FIGURE 6.13: JOINT BAY LOCATION 9

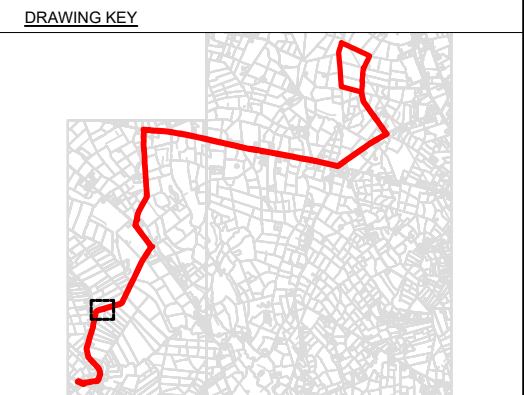
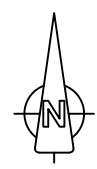
Drawing No. SEV001SS_PAS_LAY-0.14		Stage. PLANNING	
Scale: (A3) 1:500	Date: 06/11/2024	Revision No.: REV 0	
Drawn By: EF	Checked By: JB	Confirmed By: SC	



LEGEND:

- APPLICATION BOUNDARY
- UNDERGROUND ELECTRICITY LINE
- COMMUNICATIONS CHAMBER / JOINT BAY / LINK BOX CHAMBER

- NOTES:**
- ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.
 - ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED.
 - DIMENSIONS MAY VARY DEPENDING ON SITE CONDITIONS.



OSi © Licence: EN 0088524 - OS Map Ref. No. 2894, 2895, 2963 & 2964.
Prepared Using Irish Transverse Mercator (ITM).

Date:	Rev:	Description:	Drawn By:
-------	------	--------------	-----------

Prepared By:



Galetech Energy Services
Clondorgan, Stradone
Co. Cavan, H12 NV06
info@galetechenergy.com
www.galetechenergy.com

Client:
ENERGIA RENEWABLES ROI LTD.

Job Title:
MOYVANNAN ELECTRICITY SUBSTATION

Drawing Title:
FIGURE 6.14: JOINT BAY LOCATION 10

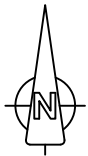
Drawing No. SEV001SS_PAS_LAY-0.15		Stage. PLANNING	
Scale: (A3) 1:500	Date: 06/11/2024	Revision No.: REV 0	
Drawn By: EF	Checked By: JB	Confirmed By: SC	



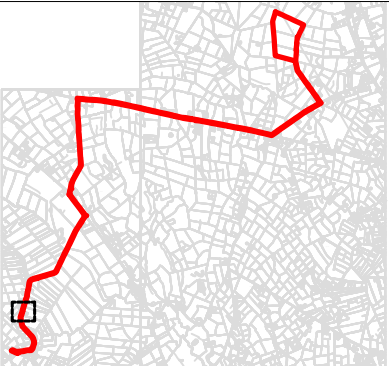
LEGEND:

- APPLICATION BOUNDARY
- UNDERGROUND ELECTRICITY LINE
- COMMUNICATIONS CHAMBER / JOINT BAY / LINK BOX CHAMBER

- NOTES:**
- 1. ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.
 - 2. ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED.
 - 3. DIMENSIONS MAY VARY DEPENDING ON SITE CONDITIONS.



DRAWING KEY



OSi © Licence: EN 0088524 - OS Map Ref. No. 2894, 2895, 2963 & 2964.
Prepared Using Irish Transverse Mercator (ITM).

Date:	Rev:	Description:	Drawn By:
-------	------	--------------	-----------

Prepared By:



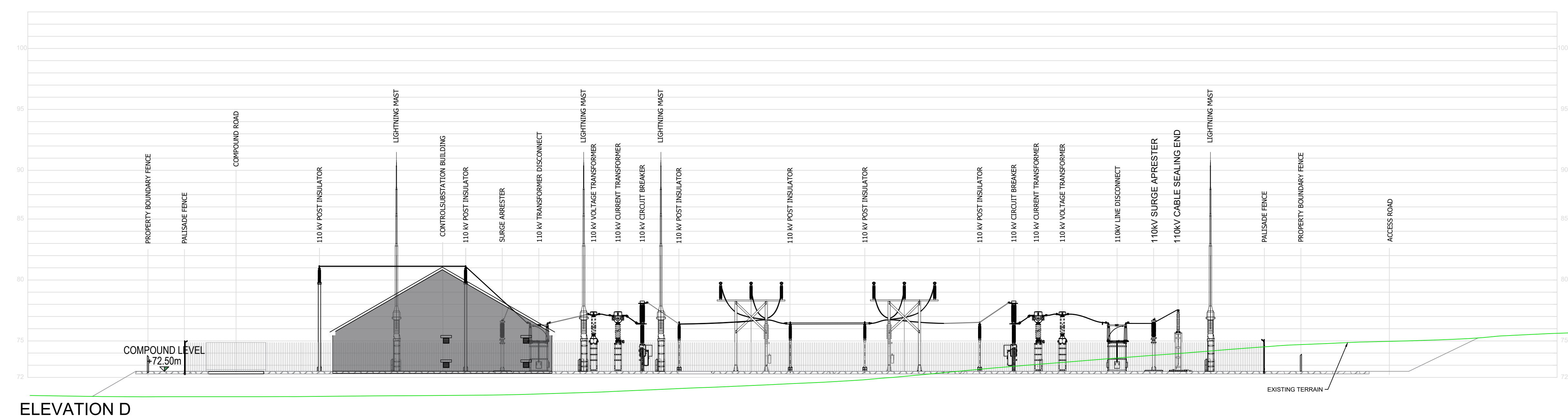
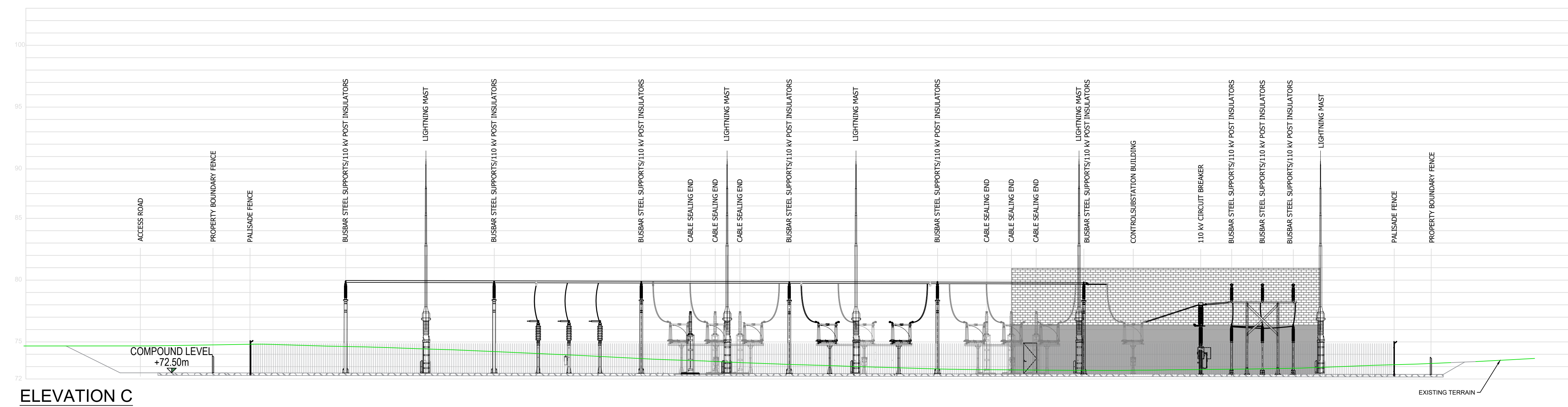
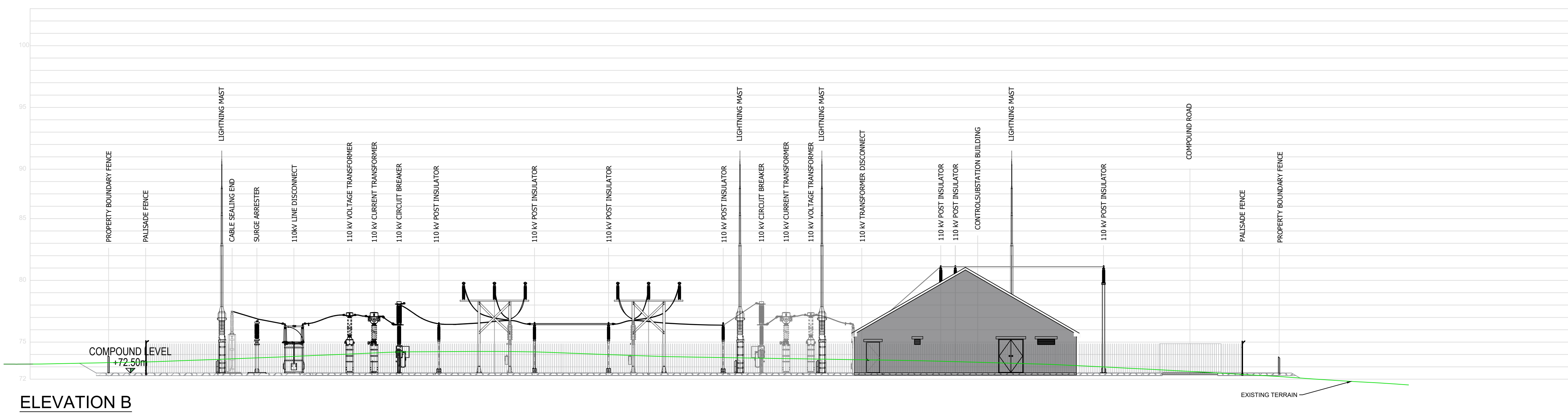
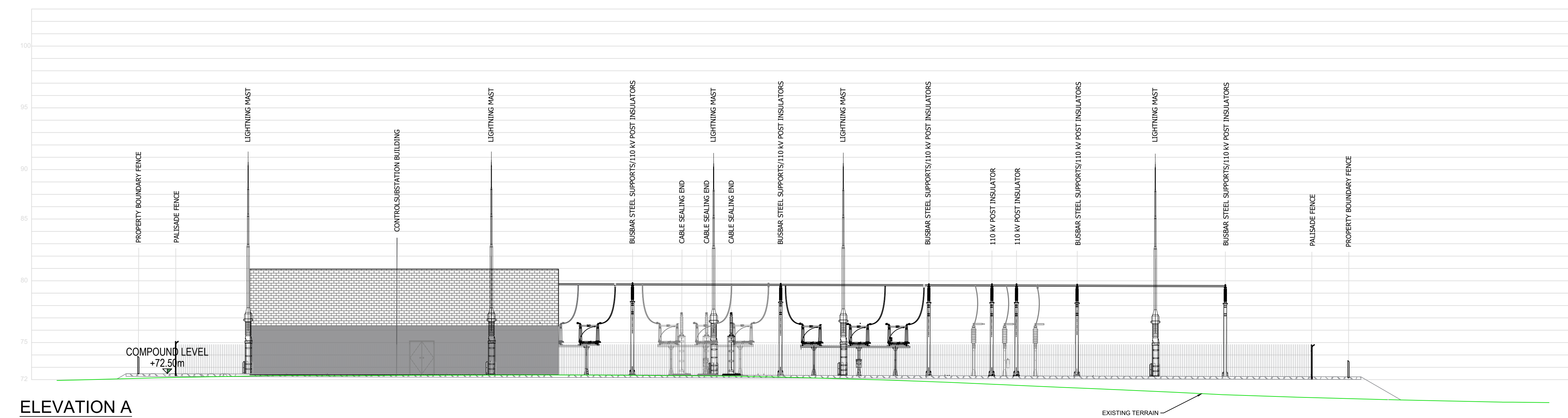
Galetech Energy Services
Clondargan, Stradone
Co. Cavan, H12 NV06
info@galetechenergy.com
www.galetechenergy.com

Client:
ENERGIA RENEWABLES ROI LTD.

Job Title:
MOYVANNAN ELECTRICITY SUBSTATION

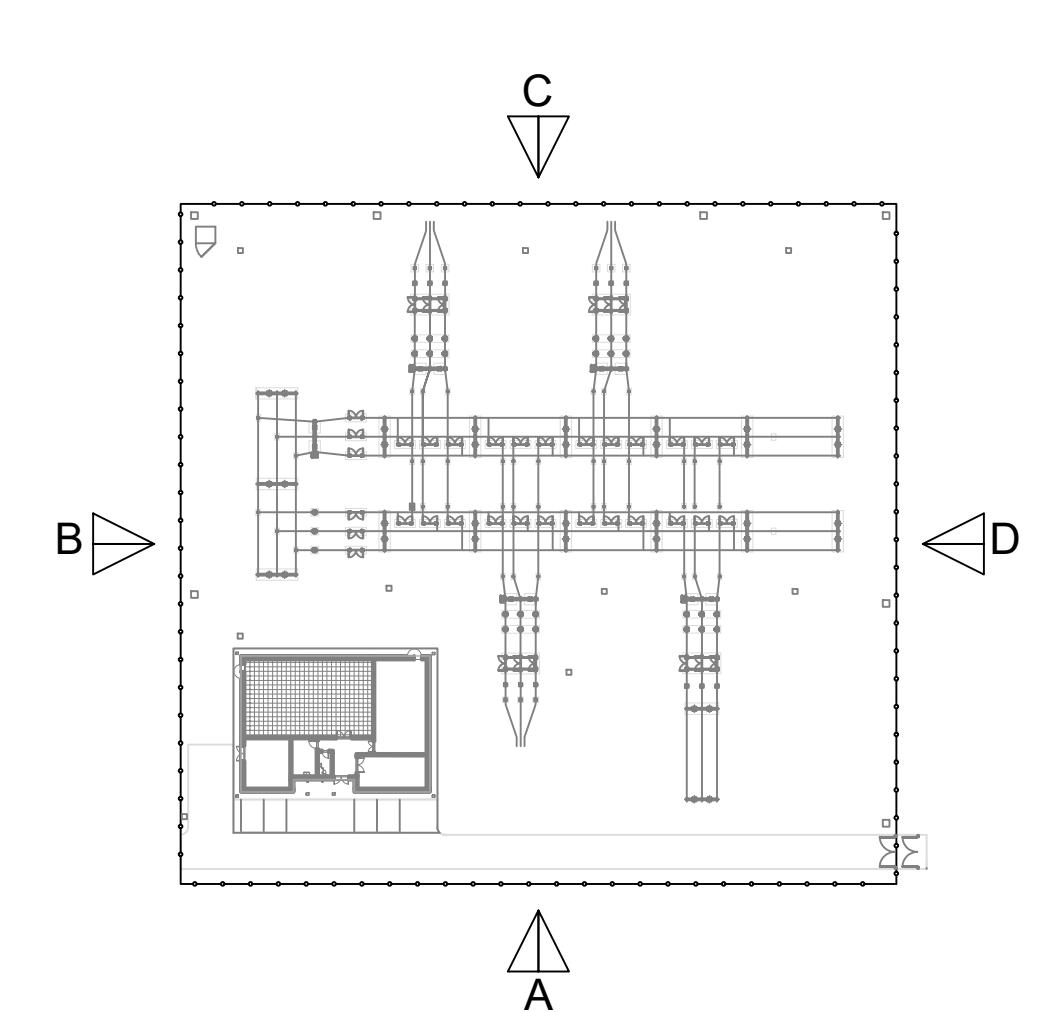
Drawing Title:
FIGURE 6.15: JOINT BAY LOCATION 11

Drawing No. SEV001SS_PAS_LAY-0.16		Stage. PLANNING	
Scale: (A3) 1:500	Date: 06/11/2024	Revision No.: REV 0	
Drawn By: EF	Checked By: JB	Confirmed By: SC	



- Notes:

1. All dimensions must be checked on site and not scaled from this drawing.
2. All dimensions in millimetres unless otherwise stated.
3. Dimensions may vary depending on site conditions.



Date:	Rev:	Description:	Drawn By:
Prepared By:			

Prepared By:

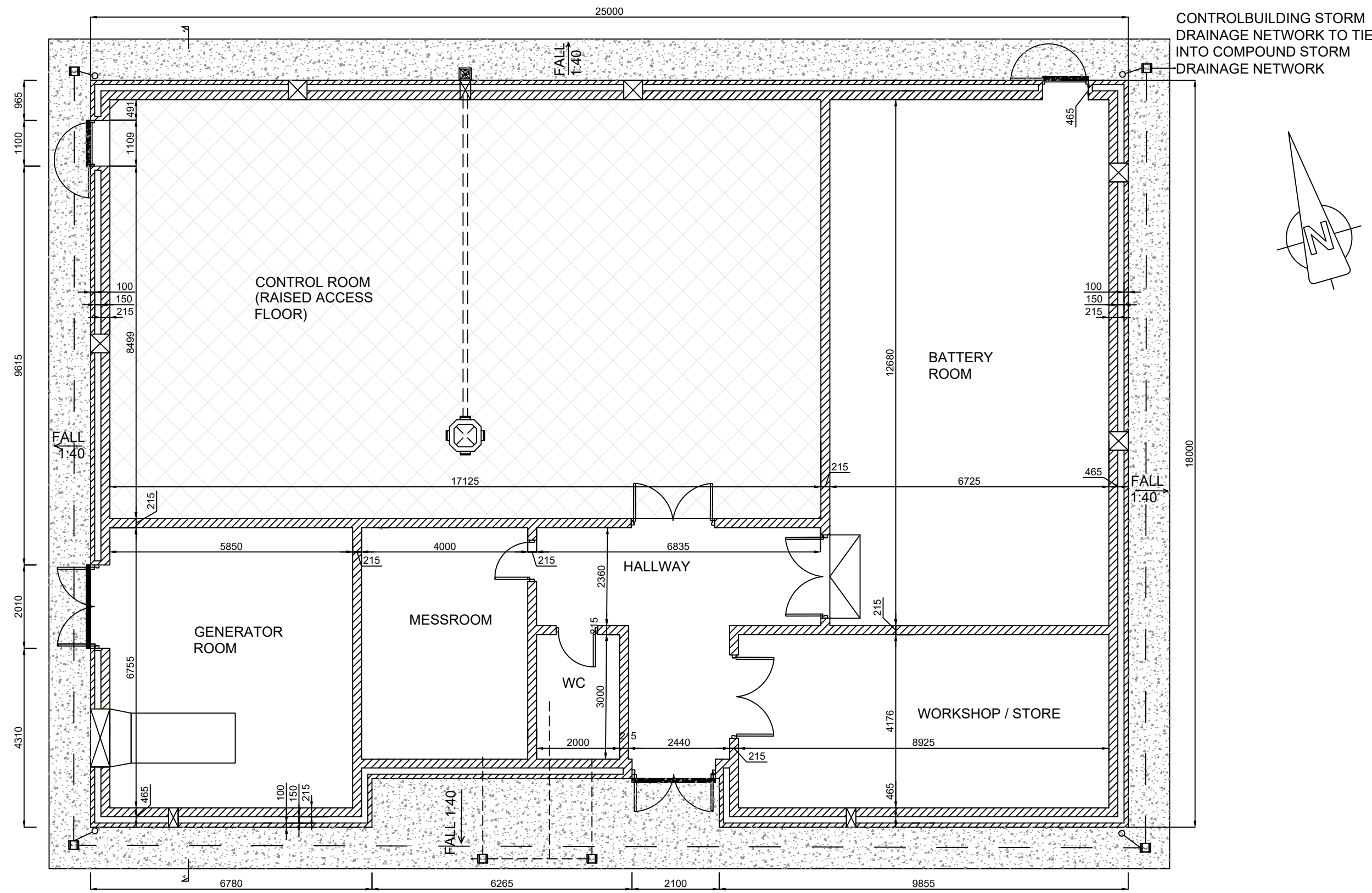


Client: **ENERGIA RENEWABLES ROI LTD.**

Job Title: MOYVANNAN ELECTRICITY SUBSTATION

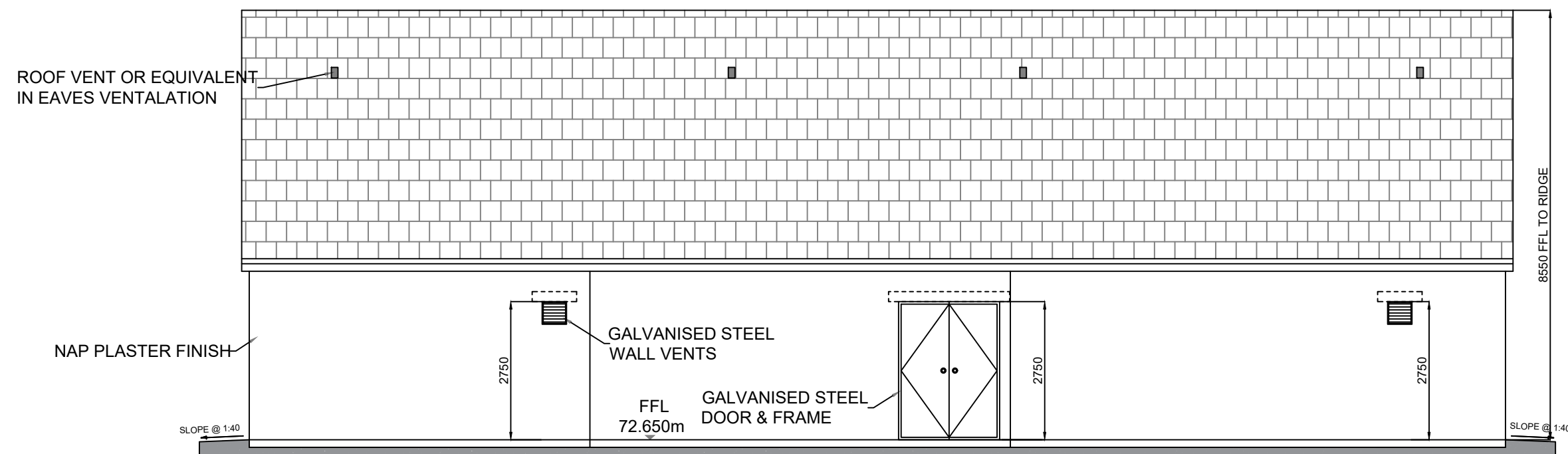
FIGURE 7: SUBSTATION
COMPOUND ELEVATIONS

<u>Drawing No.</u> SEV001SS_PAS_GA-0.01		<u>Stage.</u> PLANNING
<u>Scale:</u> (A1) 1:200	<u>Date:</u> 03/10/2024	<u>Revision No.:</u> REV 0
<u>Drawn By:</u> EF	<u>Checked By:</u> JB	<u>Confirmed By:</u> SC

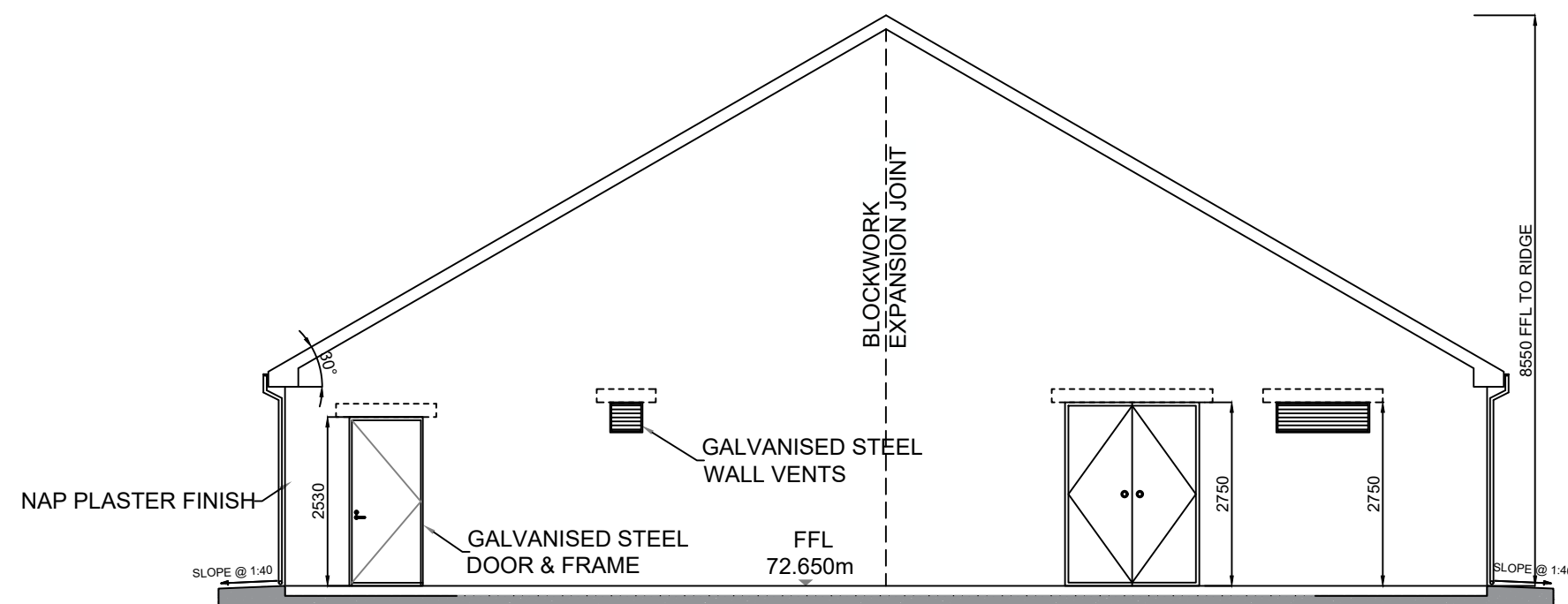


GROUND FLOOR LAYOUT PLAN
Scale 1:100

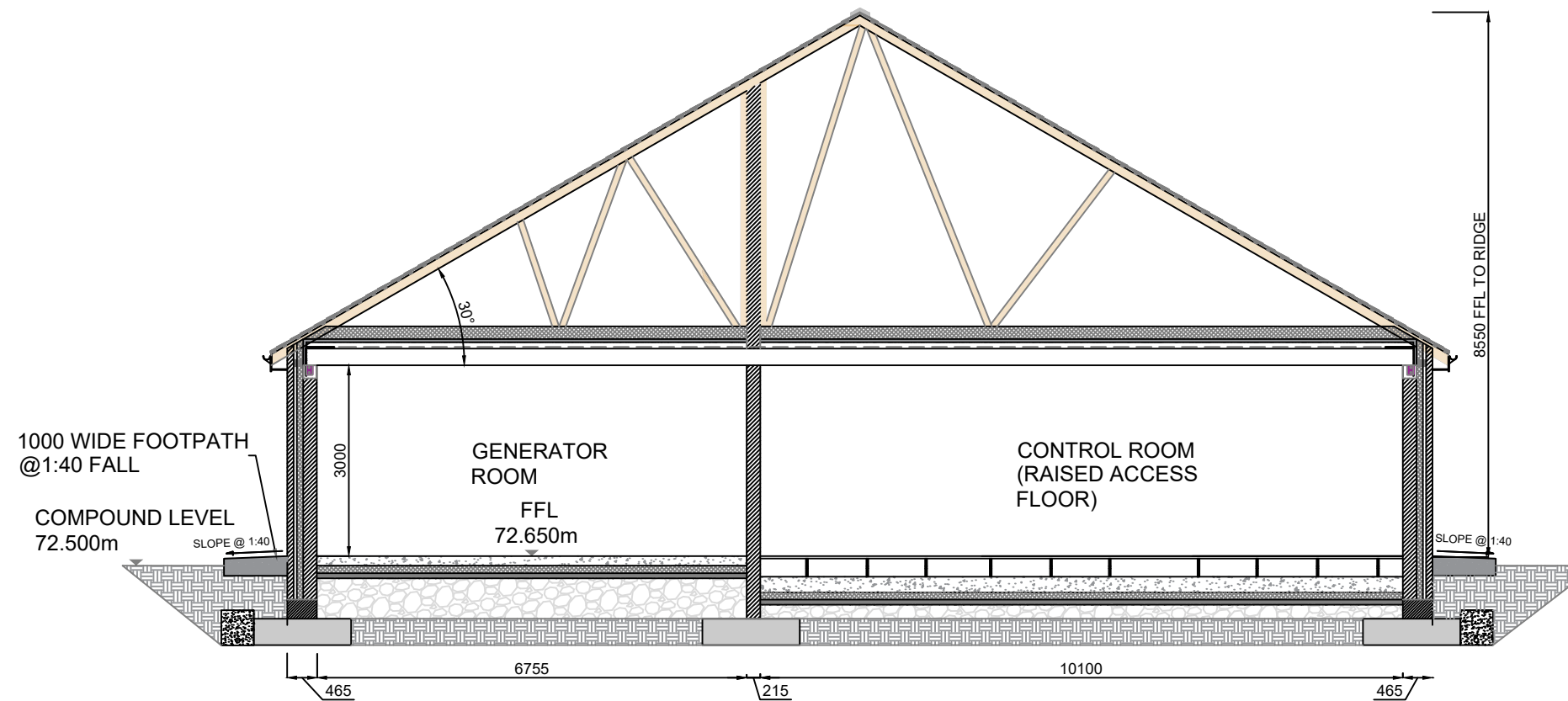
CONTROL BUILDING
FOUL DRAINAGE TO
FOUL HOLDING
TANK



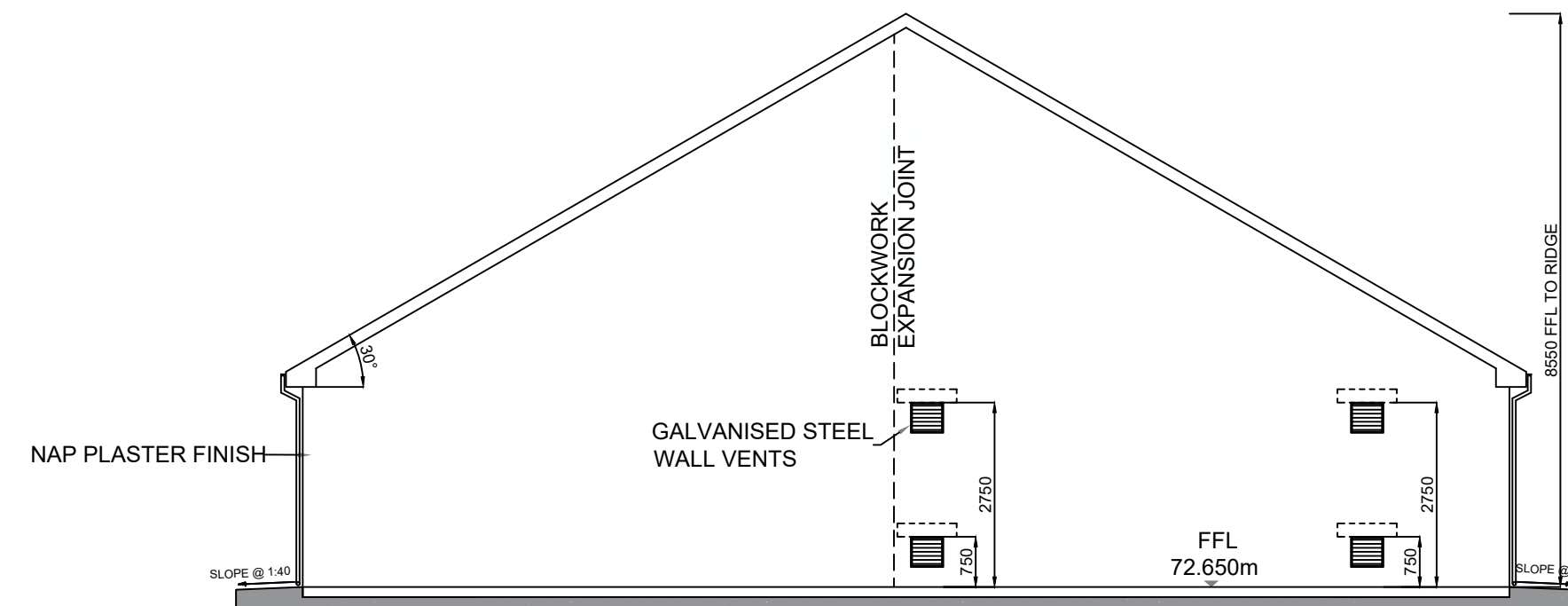
FRONT ELEVATION - SOUTH
Scale 1:100



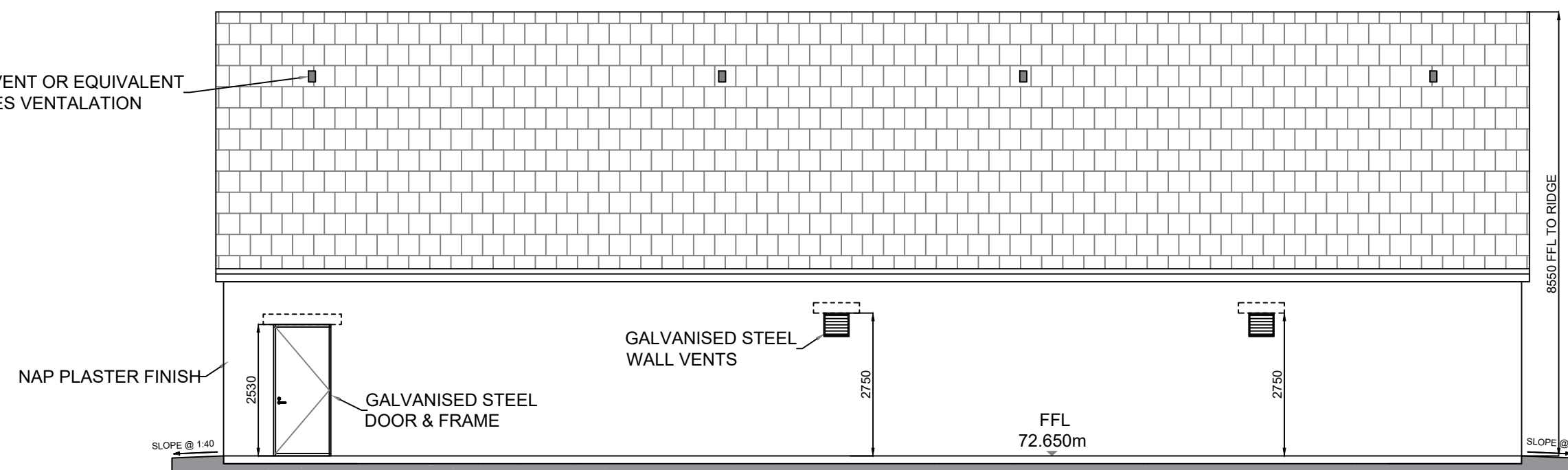
SIDE ELEVATION - WEST
Scale 1:100



SECTION A-A
Scale 1:100



SIDE ELEVATION - EAST
Scale 1:100



REAR ELEVATION - NORTH
Scale 1:100

Notes:

1. All dimensions must be checked on site and not scaled from this drawing.
2. All dimensions in millimetres unless otherwise stated.
3. Dimensions may vary depending on site conditions.

Date: Rev: Description: Drawn By:

Prepared By:

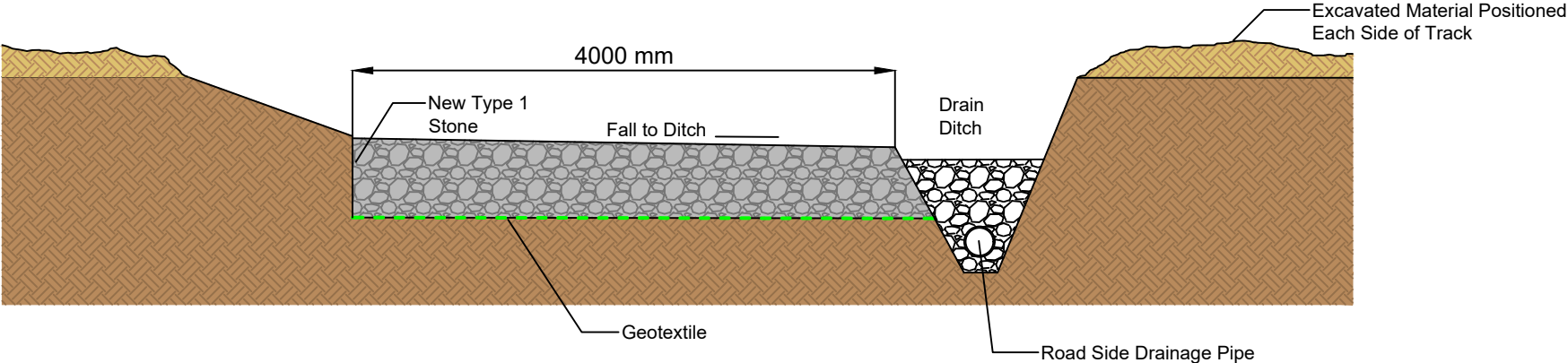
 Galetech Energy Services
Clondorgan, Stradone
Co. Cavan, H12 NV06
info@galetechenergy.com
www.galetechenergy.com

Client: ENERGIA RENEWABLES ROI LTD.

Job Title: MOYVANNAN ELECTRICITY SUBSTATION

Drawing Title: FIGURE 8: CONTROL BUILDING
PLAN & ELEVATIONS

Drawing No. SEV001SS_PAS_GA-0.02	Stage. PLANNING	
Scale: (A1) 1:100	Date: 03/10/2024	Revision No.: REV 0
Drawn By: EF	Checked By: JB	Confirmed By: SC



CROSS SECTION
Scale 1:50

- Notes:
- 1. All dimensions must be checked on site and not scaled from this drawing.
 - 2. All dimensions in millimetres unless otherwise stated.
 - 3. Dimensions may vary depending on site conditions.

Date:	Rev:	Description:	Drawn By:

Prepared By:



Galetech Energy Services
Clondargan, Stradone
Co. Cavan, H12 NV06
info@galetechenergy.com
www.galetechenergy.com

Client:

ENERGIA RENEWABLES ROI LTD.

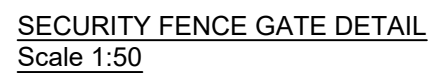
Job Title:

MOYVANNAN ELECTRICITY SUBSTATION

Drawing Title:

FIGURE 10: ACCESS TRACK SPECIFICATION

Drawing No. SEV001SS_PAS_GA-0.04		Stage. PLANNING	
Scale: (A3) 1:50	Date: 03/10/2024	Revision No.: REV 0	
Drawn By: EF	Checked By: JB	Confirmed By: SC	



1. All dimensions must be checked on site and not scaled from this drawing.
2. All dimensions in millimetres unless otherwise stated.
3. Dimensions may vary depending on site conditions.

Prepared By: _____

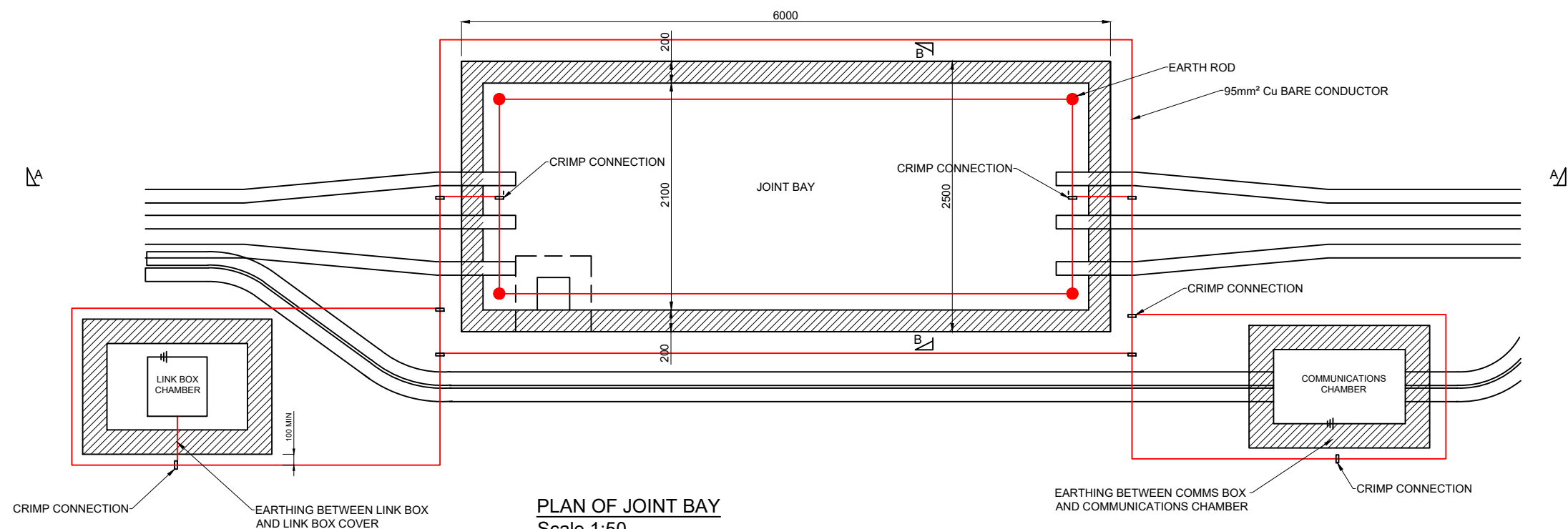
 **GALETECH**
ENERGY SERVICES

Galetech Energy Services
Clondorgan, Stradone
Co. Cavan, H12 NV06

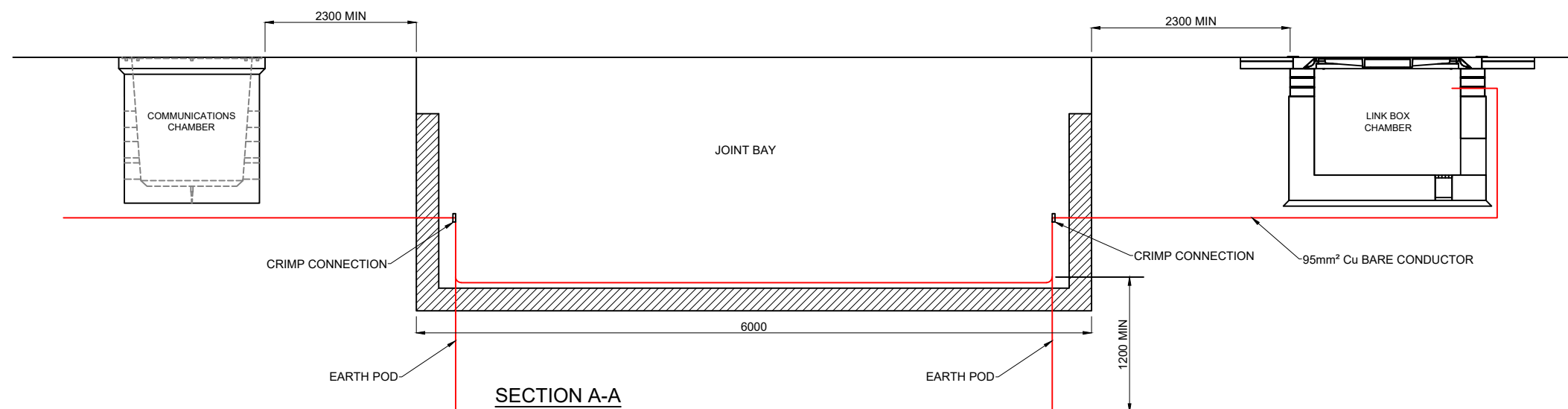
info@galetechenergy.com
www.galetechenergy.com

Client:	ENERGIA RENEWABLES ROI LTD.
Job Title:	MOYVANNAN ELECTRICITY SUBSTATION
Drawing Title:	FIGURE 11: PALISADE FENCE SPECIFICATION

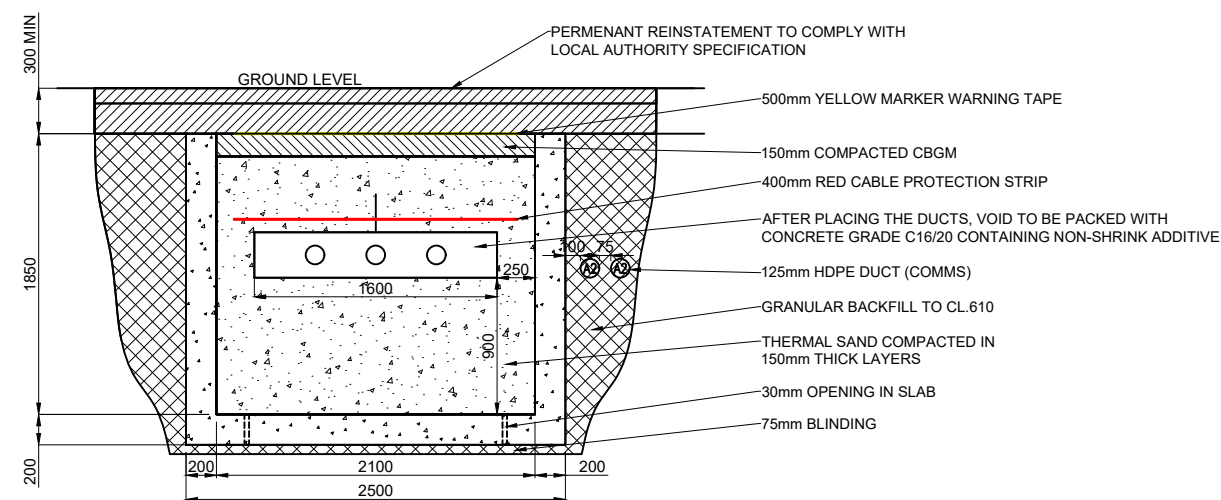
<u>Drawing No.</u> SEV001SS_PAS_GA-0.05		<u>Stage.</u> PLANNING
<u>Scale:</u> (A3) 1:50	<u>Date:</u> 03/10/2024	<u>Revision No.:</u> REV 0
<u>Drawn By:</u> EF	<u>Checked By:</u> JB	<u>Confirmed By:</u> SC



PLAN OF JOINT BAY
Scale 1:50



SECTION A-A
Scale 1:50



SECTION B-B
Scale 1:50

Notes:

1. All dimensions must be checked on site and not scaled from this drawing.
2. All dimensions in millimetres unless otherwise stated.
3. Dimensions may vary depending on site conditions.

Date:	Rev:	Description:	Drawn By:

Prepared By:

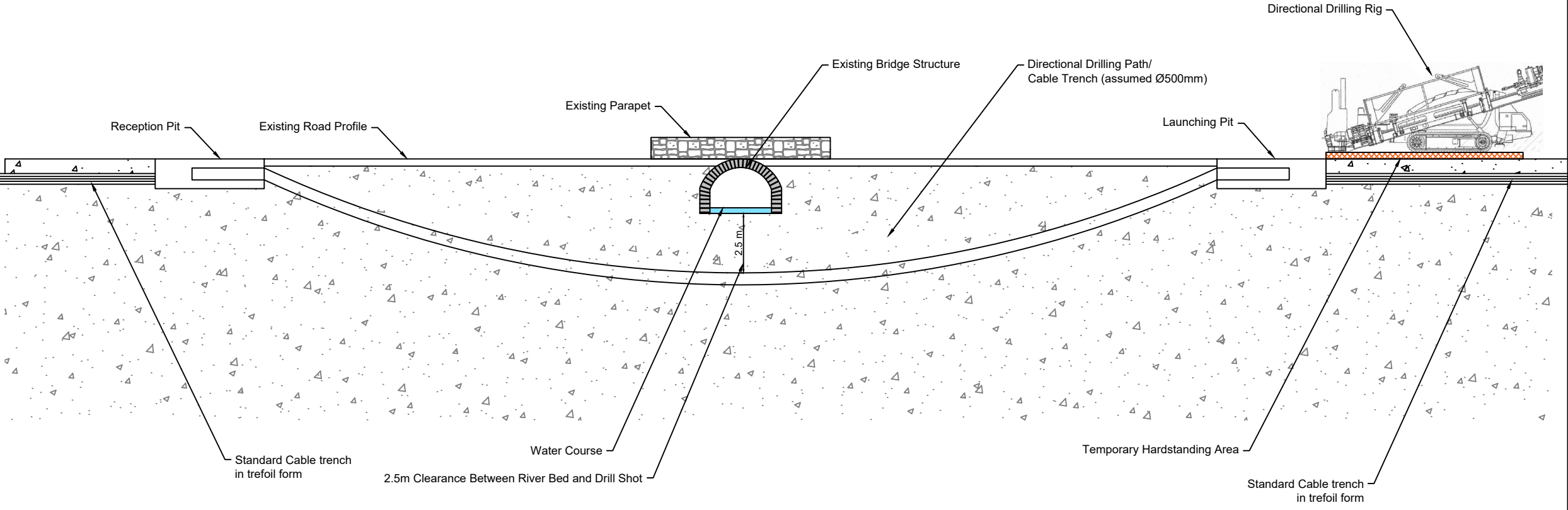
Galetech Energy Services
Clondorgan, Stradone
Co. Cavan, H12 NV06
info@galetechenergy.com
www.galetechenergy.com

Client: **ENERGIA RENEWABLES ROI LTD.**

Job Title: **MOYVANNAN ELECTRICITY SUBSTATION**

Drawing Title: **FIGURE 12: JOINT BAY SPECIFICATION**

<u>Drawing No.</u> SEV001SS_PAS_GA-0.06		<u>Stage.</u> PLANNING
<u>Scale:</u> (A3) 1:50	<u>Date:</u> 03/10/2024	<u>Revision No.:</u> REV 0
<u>Drawn By:</u> EF	<u>Checked By:</u> JB	<u>Confirmed By:</u> SC



CROSS SECTION
Scale 1:200

- Notes:
1. All dimensions must be checked on site and not scaled from this drawing.
 2. All dimensions in millimetres unless otherwise stated.
 3. Dimensions may vary depending on site conditions.

Date:	Rev:	Description:	Drawn By:
-------	------	--------------	-----------

Prepared By:



Galetech Energy Services
Clondargan, Stradone
Co. Cavan, H12 NV06
info@galetechenergy.com
www.galetechenergy.com

Client:
ENERGIA RENEWABLES ROI LTD.

Job Title:
MOYVANNAN ELECTRICITY SUBSTATION

Drawing Title:
FIGURE 13: DIRECTIONAL
DRILLING SPECIFICATION

Drawing No. SEV001SS_PAS_GA-0.07		Stage. PLANNING	
Scale: (A3) 1:200	Date: 03/10/2024	Revision No.: REV 0	
Drawn By: EF	Checked By: JB	Confirmed By: SC	



- | | | |
|--|----------------------------|-------------------------------|
| <u>Drawing No.</u>
SEV001SS_PAS_GA-0.08 | | <u>Stage.</u>
PLANNING |
| <u>Scale:</u>
(A3) 1:10 | <u>Date:</u>
03/10/2024 | <u>Revision No.:</u>
REV 0 |
| <u>Drawn By:</u>
EF | <u>Checked By:</u>
JB | <u>Confirmed By:</u>
SC |