

MOYVANNAN ELECTRICITY SUBSTATION

PLANNING DRAWINGS

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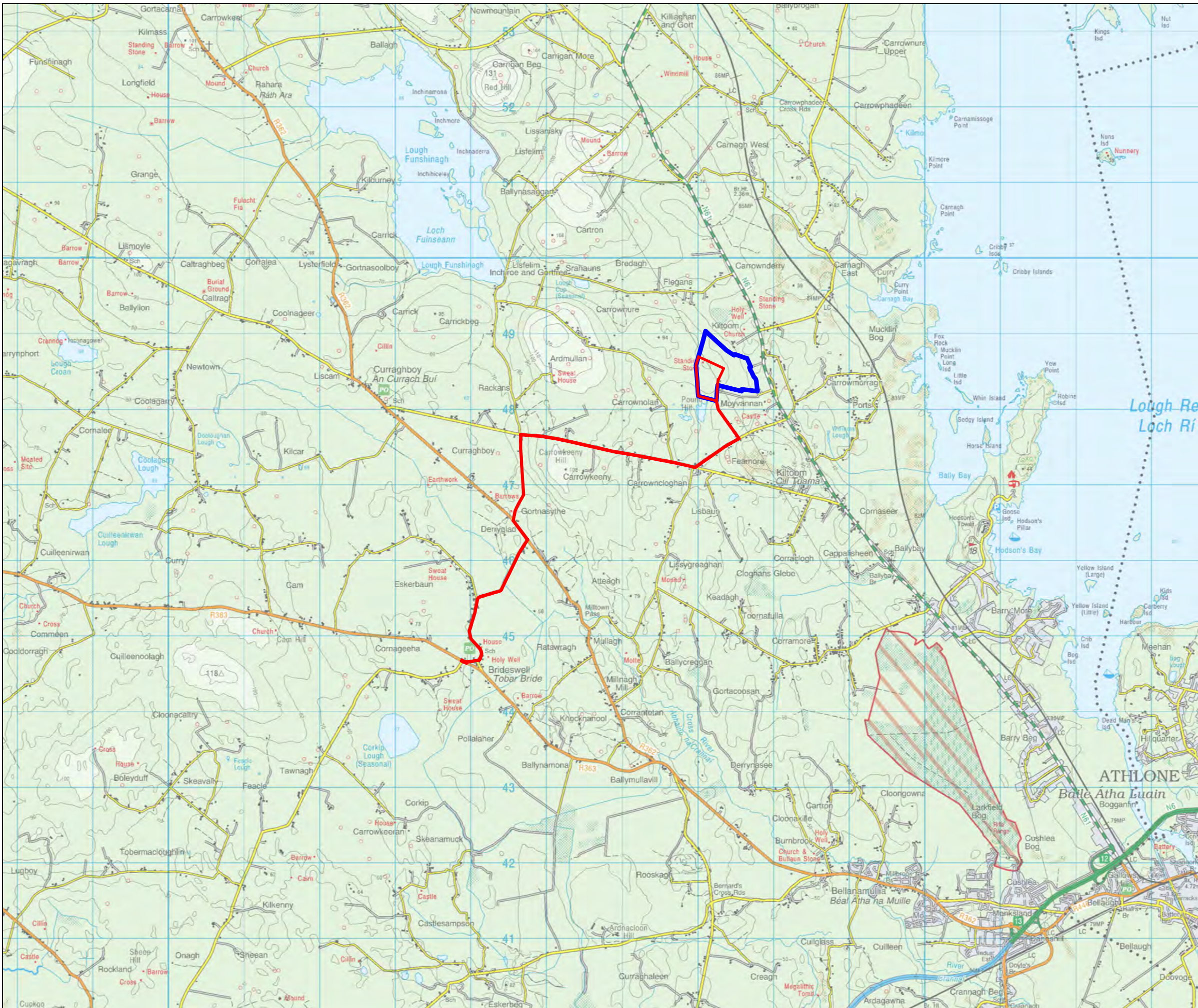
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LEGEND:

LANDOWNERSHIP BOUNDARY

APPLICATION BOUNDARY

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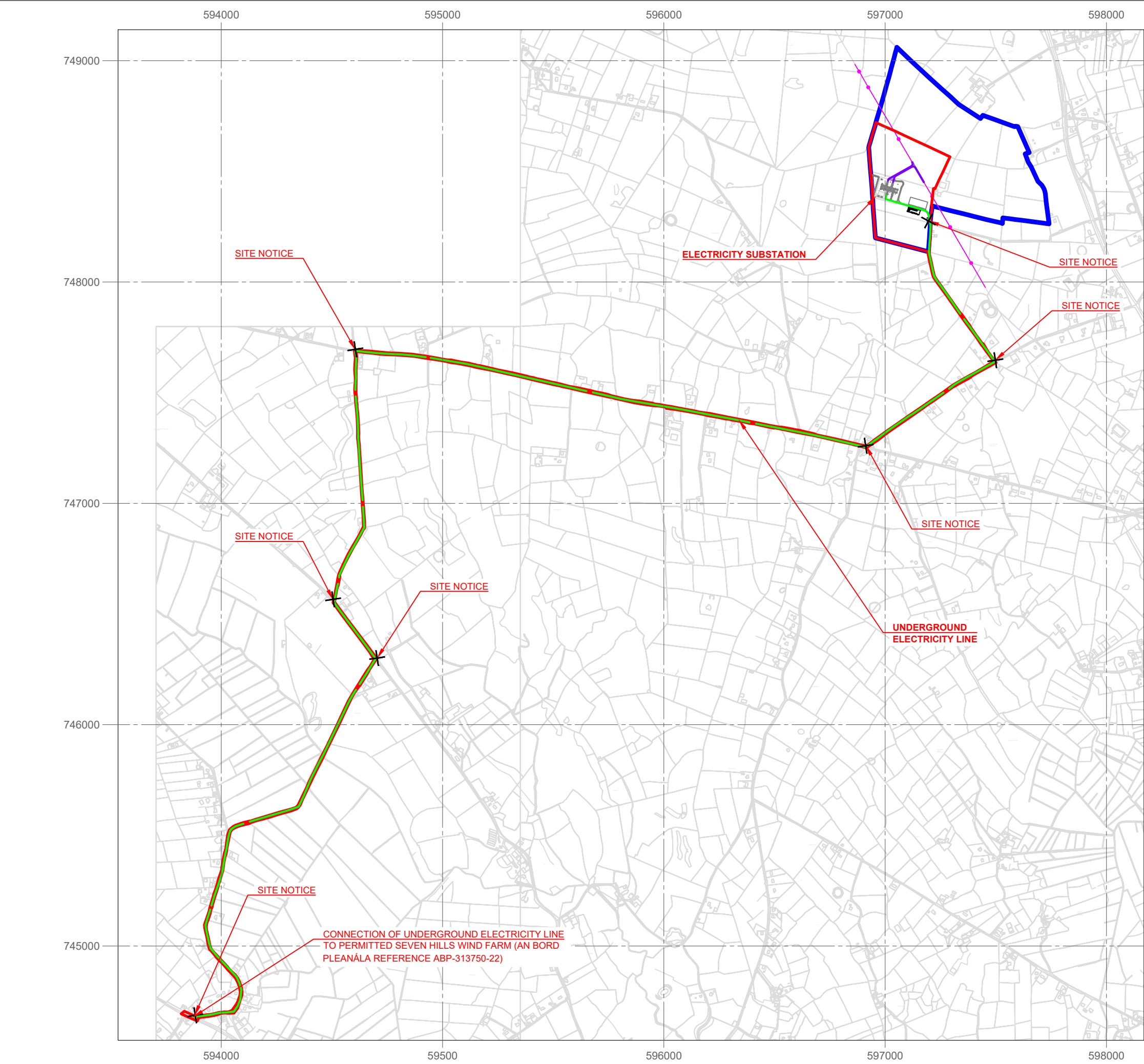
Job Title:

MOYVANNAN ELECTRICITY SUBSTATION

Drawing Title:

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

Drawing No:	SEV001SS_PAS_LOC-0.01	Stage:	PLANNING
Scale:	(A3) 1:50,000	Date:	03/10/2024
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LEGEND:

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


NOTES:

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- 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.

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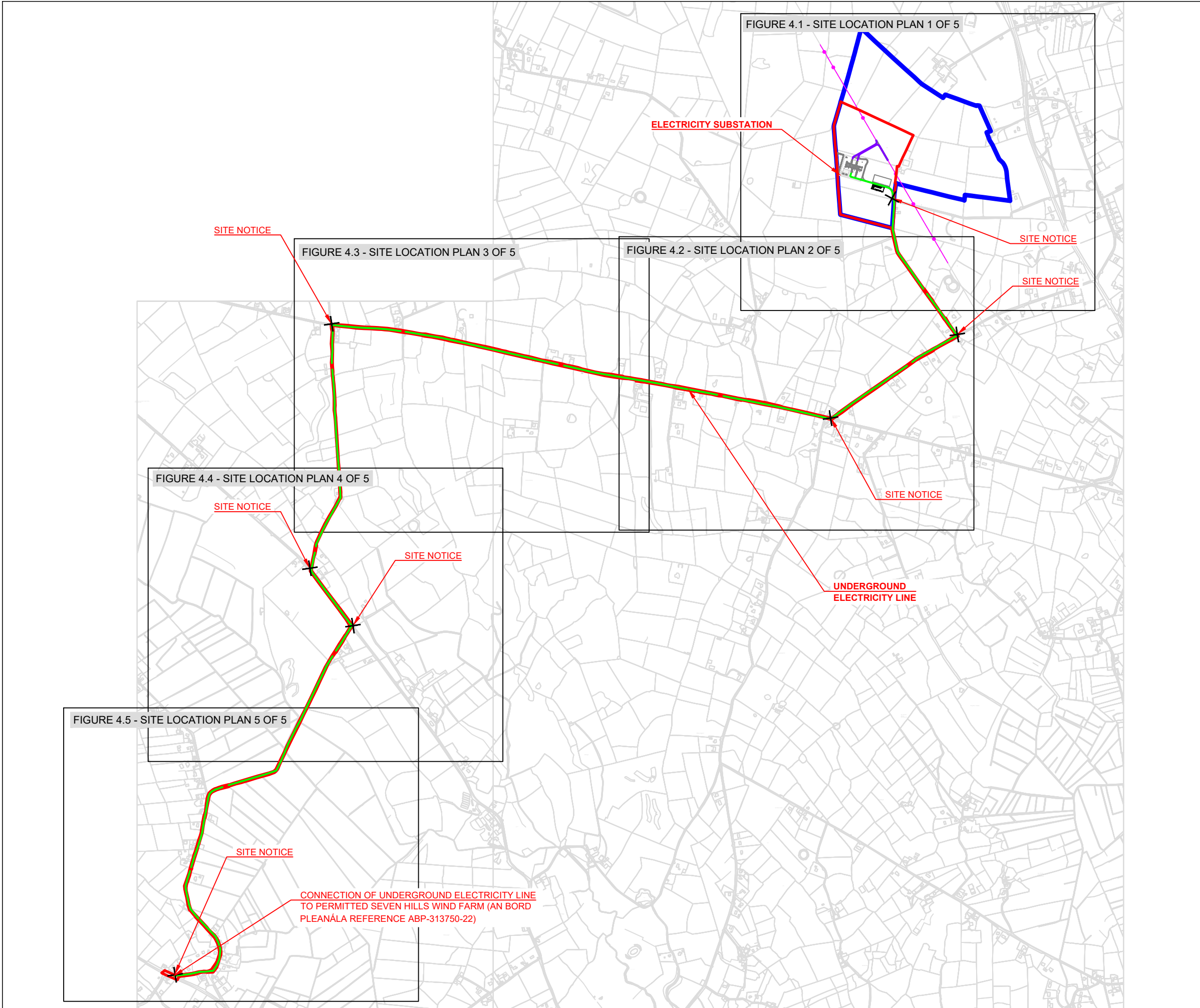
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MOYVANNAN ELECTRICITY SUBSTATION

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
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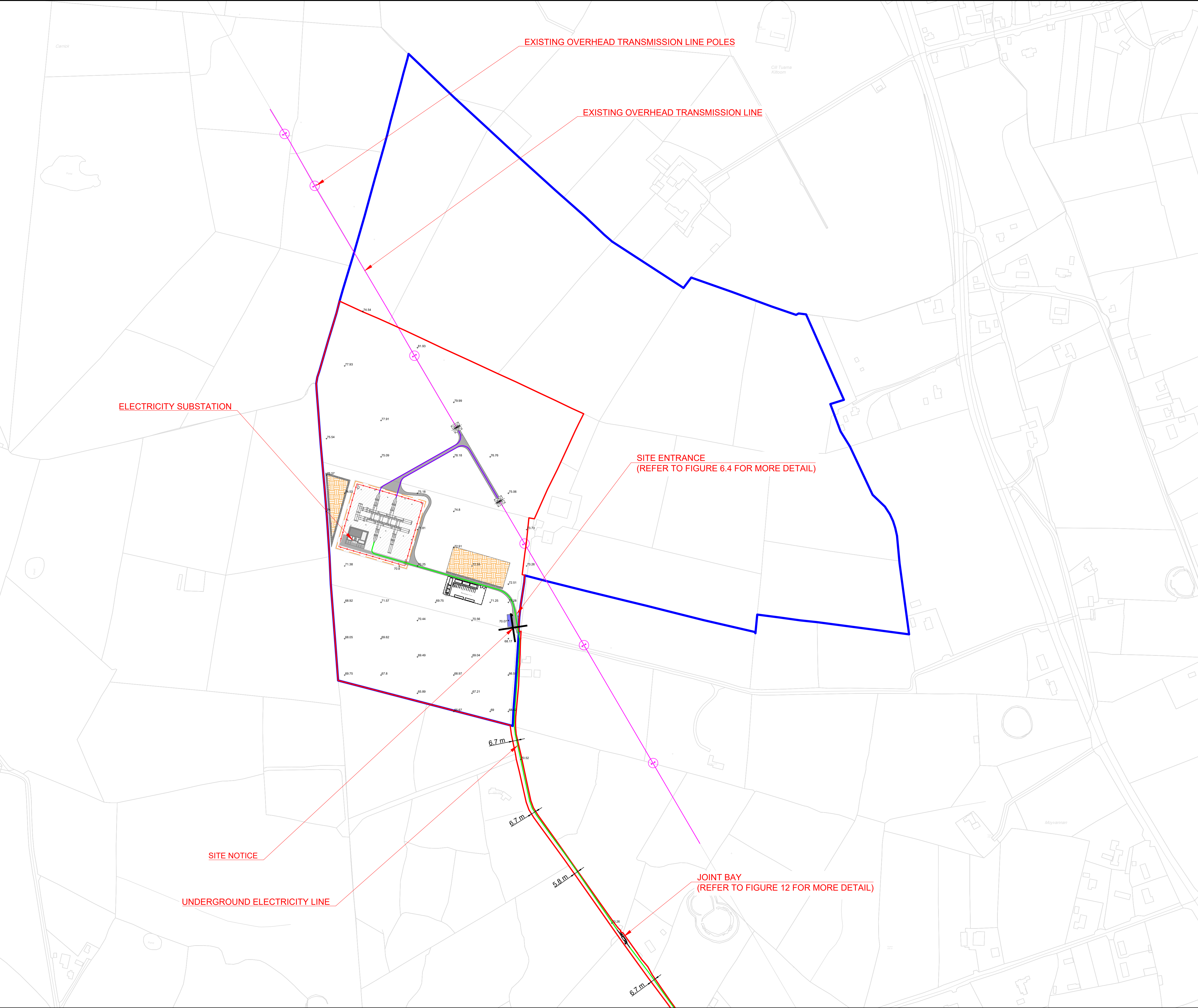
Job Title: MOYVANNAN ELECTRICITY SUBSTATION

Drawing Title: FIGURE 3: SITE LOCATION PLAN

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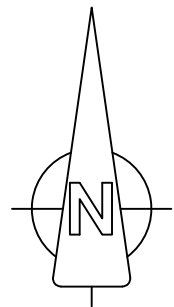
Scale:	Date:	Revision No.:
(A3) 1:17,500	03/10/2024	REV 0

Drawn By:	Checked By:	Confirmed By:
EF	JB	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

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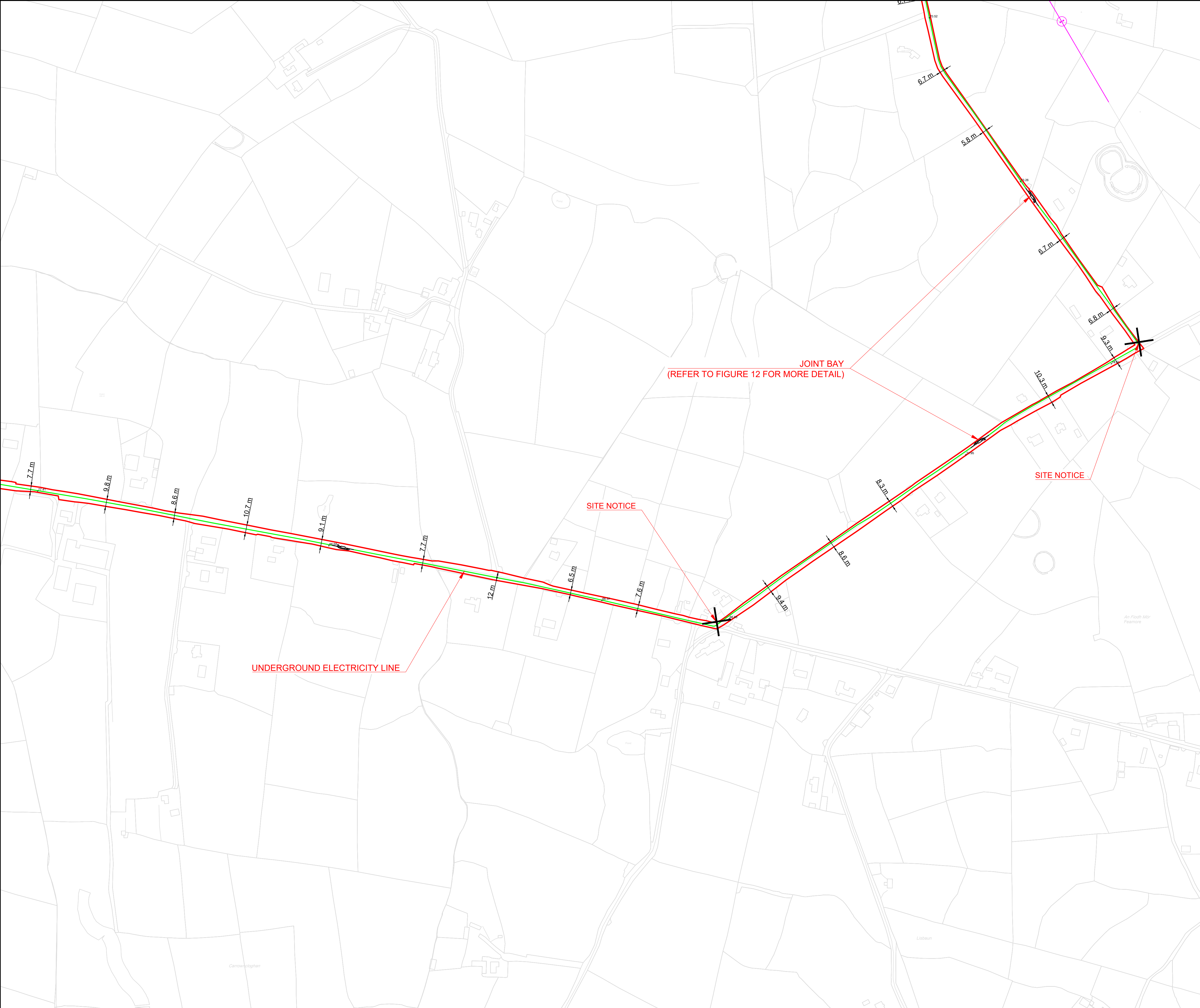
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Drawing Title:
**FIGURE 4.1: SITE LOCATION PLAN 1 OF 5
(1:2,500)**

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Scale: (A1) 1:2500	Date: 03/10/2024	Revision No.: REV 0	
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- LEGEND:
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 - UNDERGROUND ELECTRICITY LINE
 - EXISTING OVERHEAD TRANSMISSION LINE
 - COMMUNICATIONS CHAMBER / JOINT BAY / LINK BOX CHAMBER
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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	
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 - UNDERGROUND ELECTRICITY LINE
 - COMMUNICATIONS CHAMBER / JOINT BAY / LINK BOX CHAMBER
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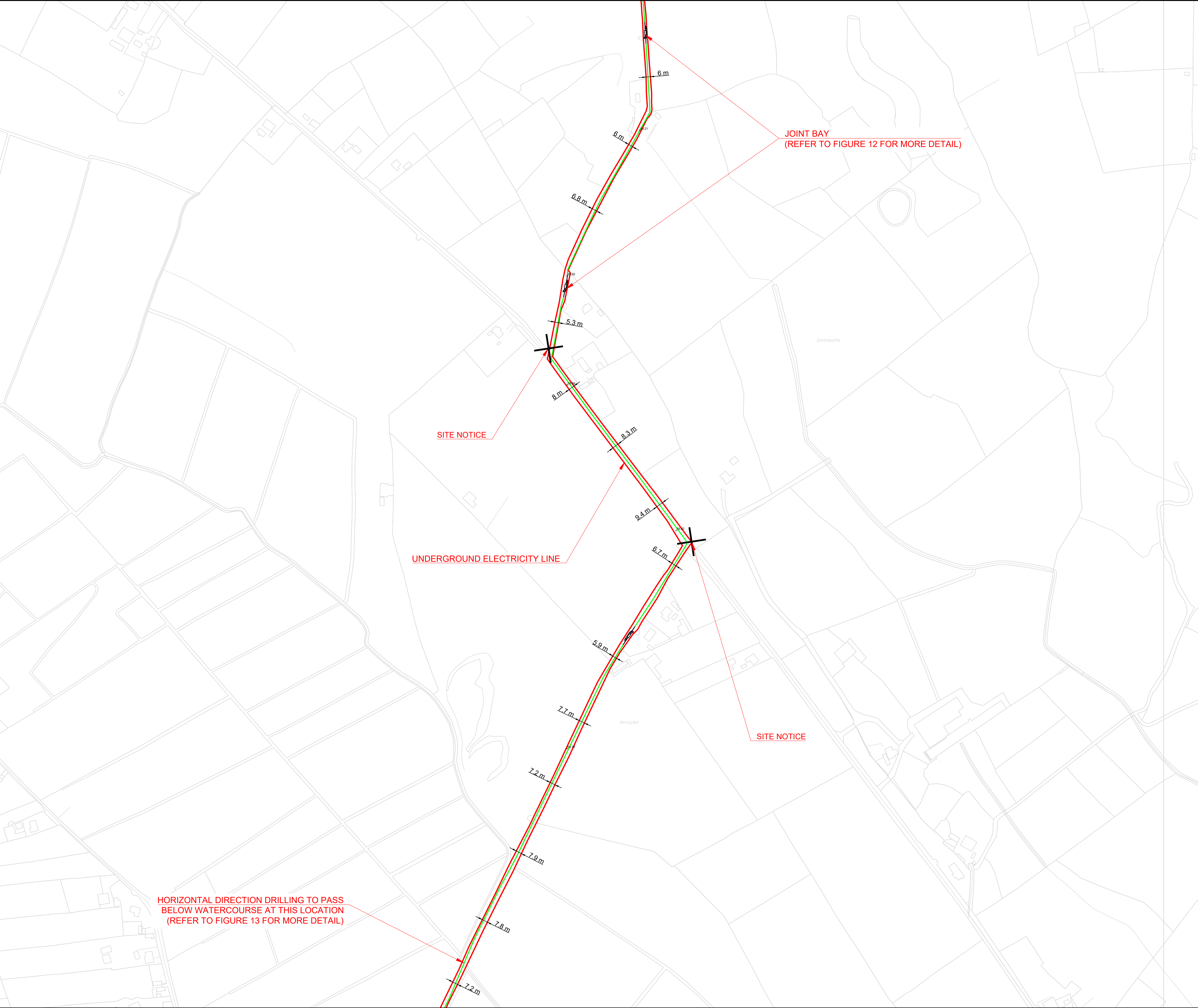
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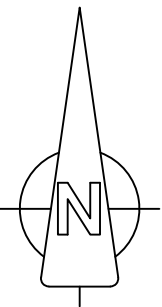
Job Title:
MOYVANNAN ELECTRICITY SUBSTATION

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

Drawing No. SEV001SS_PAS_LOC-0.06		Stage. PLANNING	
Scale: (A1) 1:2500	Date: 03/10/2024	Revision No.: REV 0	
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- LEGEND:
- APPLICATION BOUNDARY
 - UNDERGROUND ELECTRICITY LINE
 - COMMUNICATIONS CHAMBER / JOINT BAY / LINK BOX CHAMBER
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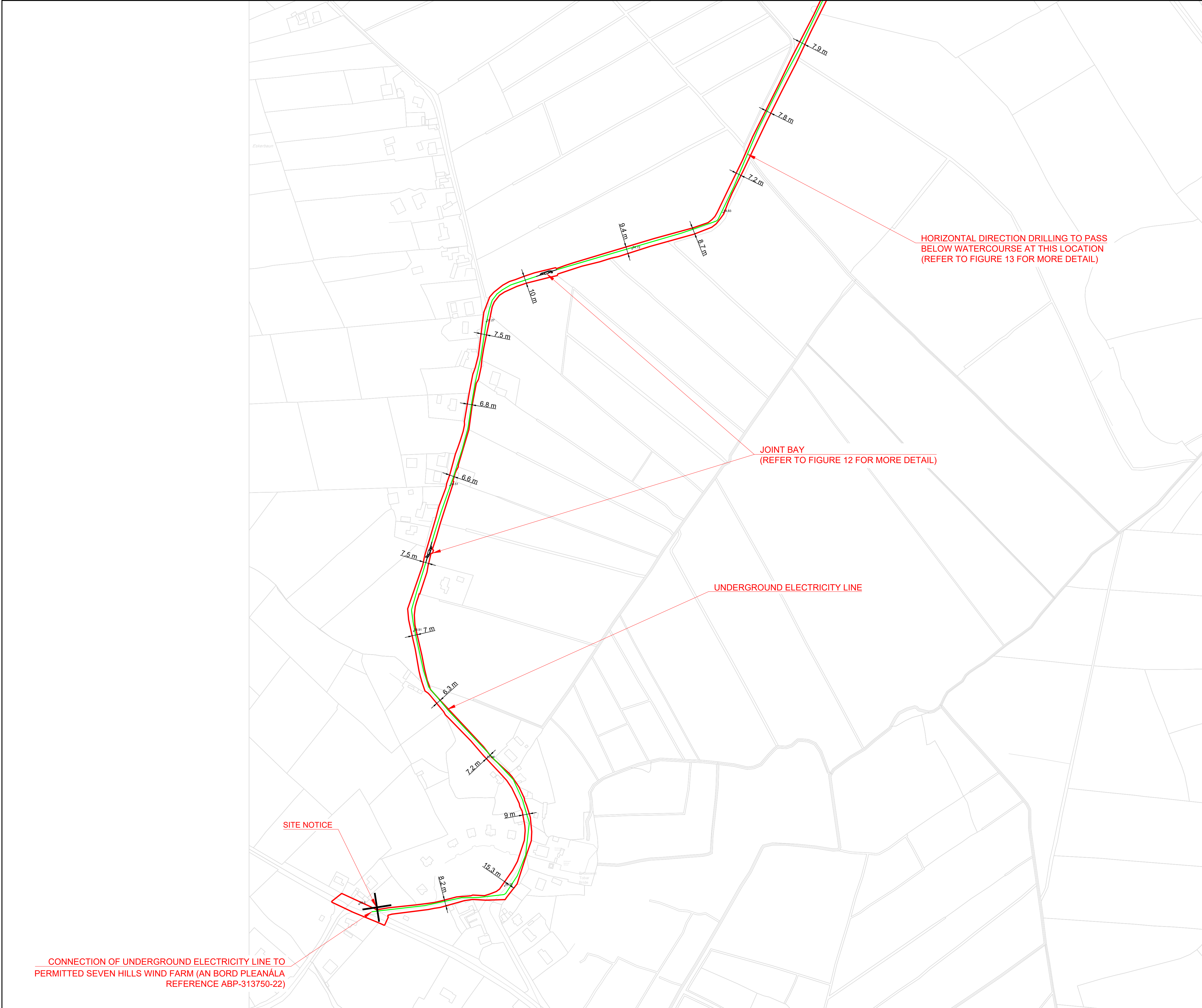
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Job Title:			MOYVANNAN ELECTRICITY SUBSTATION		
Drawing Title:			FIGURE 4.4: SITE LOCATION PLAN 4 OF 5 (1:2,500)		
Drawing No.		Stage:			
SEV001SS_PAS_LOC-0.07		PLANNING			
Scale:		Date:		Revision No.:	
(A1) 1:2500		03/10/2024		REV 0	
Drawn By:		Checked By:		Confirmed By:	
EF		JB		SC	



CONNECTION OF UNDERGROUND ELECTRICITY LINE TO
PERMITTED SEVEN HILLS WIND FARM (AN BORD PLEANÁLA
REFERENCE ABP-313750-22)

SITE NOTICE

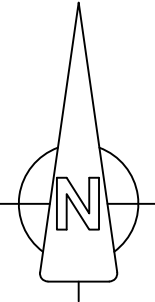
UNDERGROUND ELECTRICITY LINE

JOINT BAY
(REFER TO FIGURE 12 FOR MORE DETAIL)

HORIZONTAL DIRECTION DRILLING TO PASS
BELOW WATERCOURSE AT THIS LOCATION
(REFER TO FIGURE 13 FOR MORE DETAIL)

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

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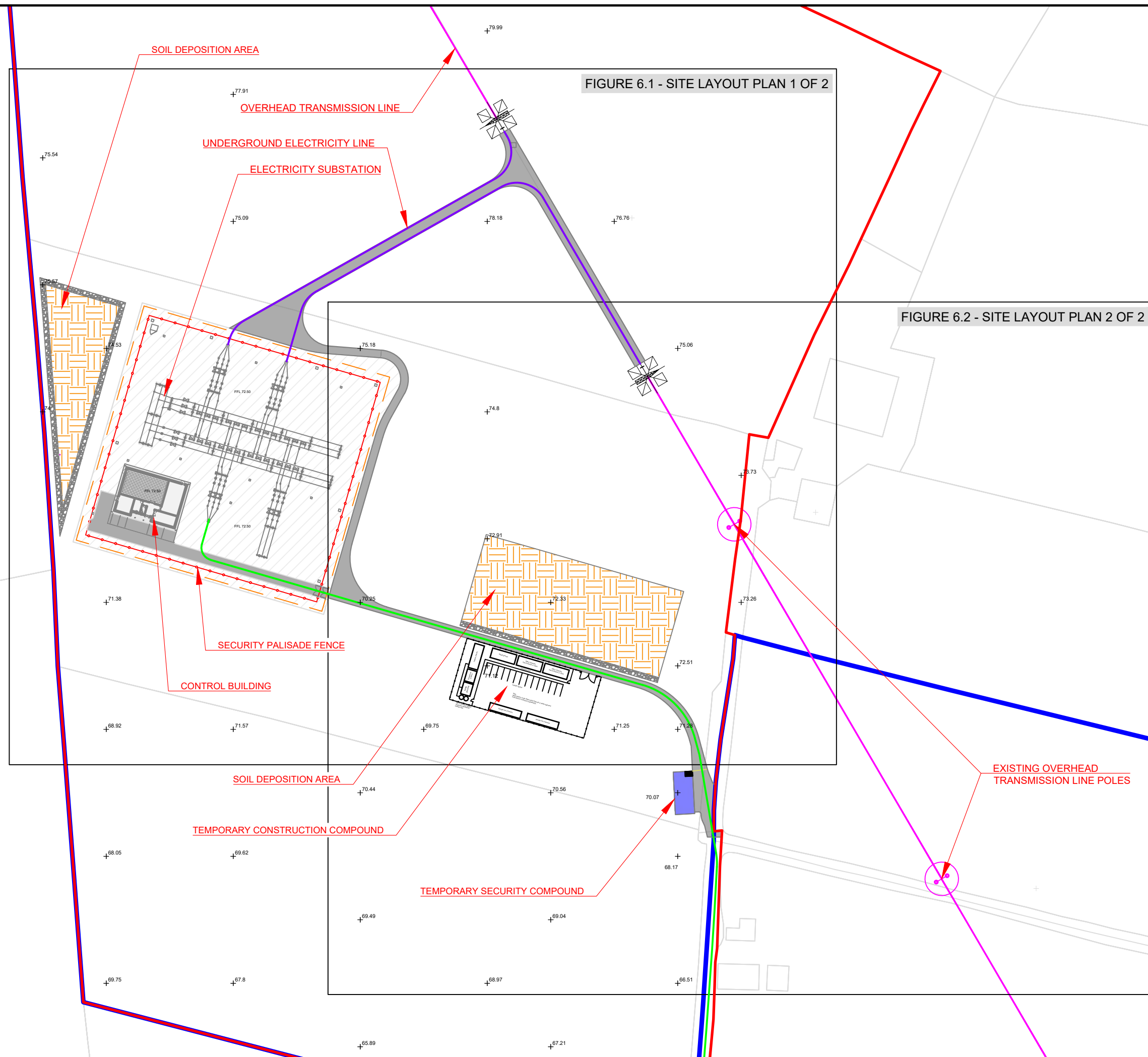
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MOYVANNAN ELECTRICITY SUBSTATION

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




Drawing No. SEV001SS_PAS_LOC-0.08	Stage. PLANNING
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Scale: (A1) 1:2500	Date: 03/10/2024	Revision No.: REV 0
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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:

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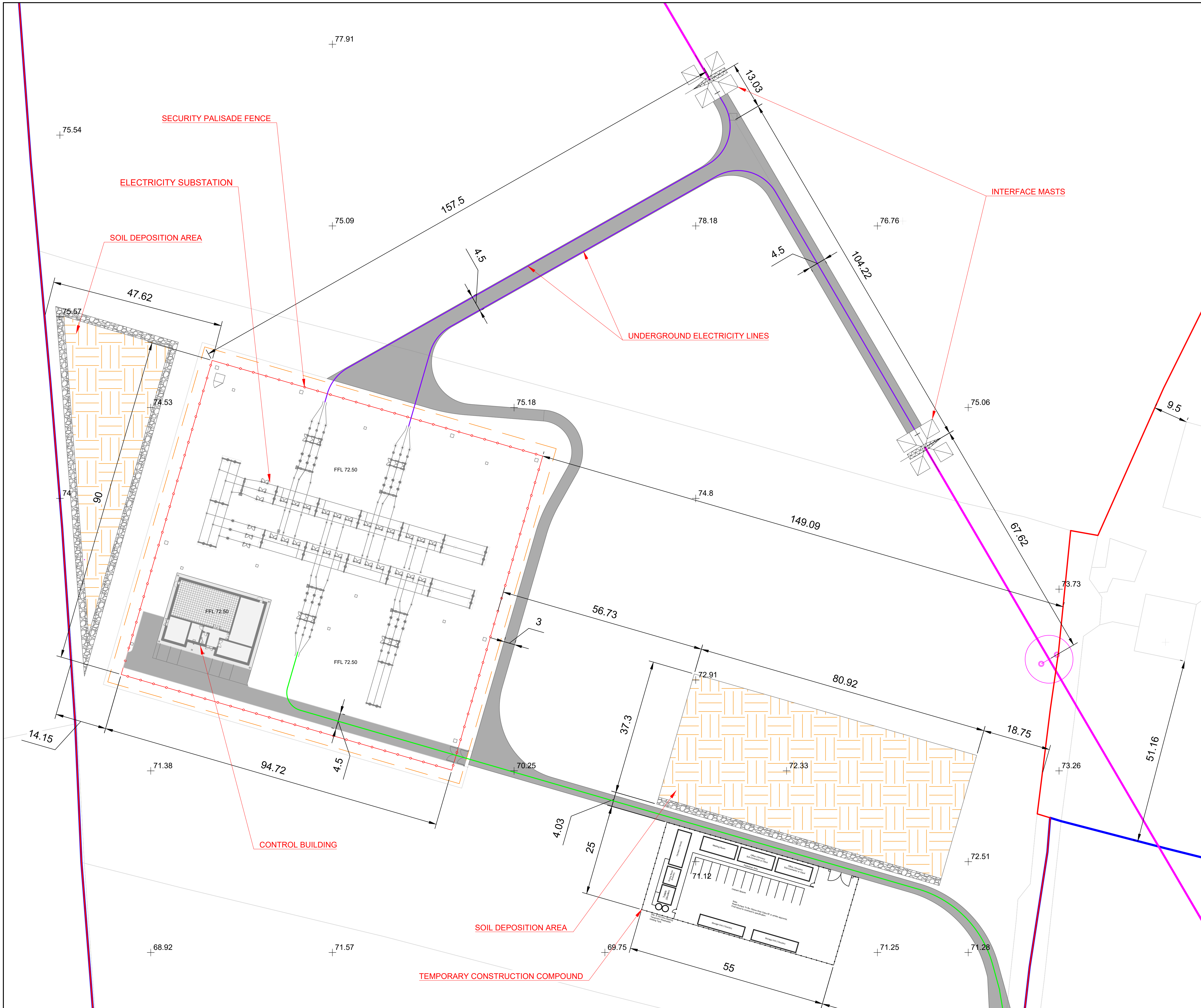
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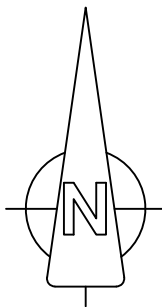
FIGURE 5: SITE LAYOUT
PLAN DRAWING KEY

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- 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

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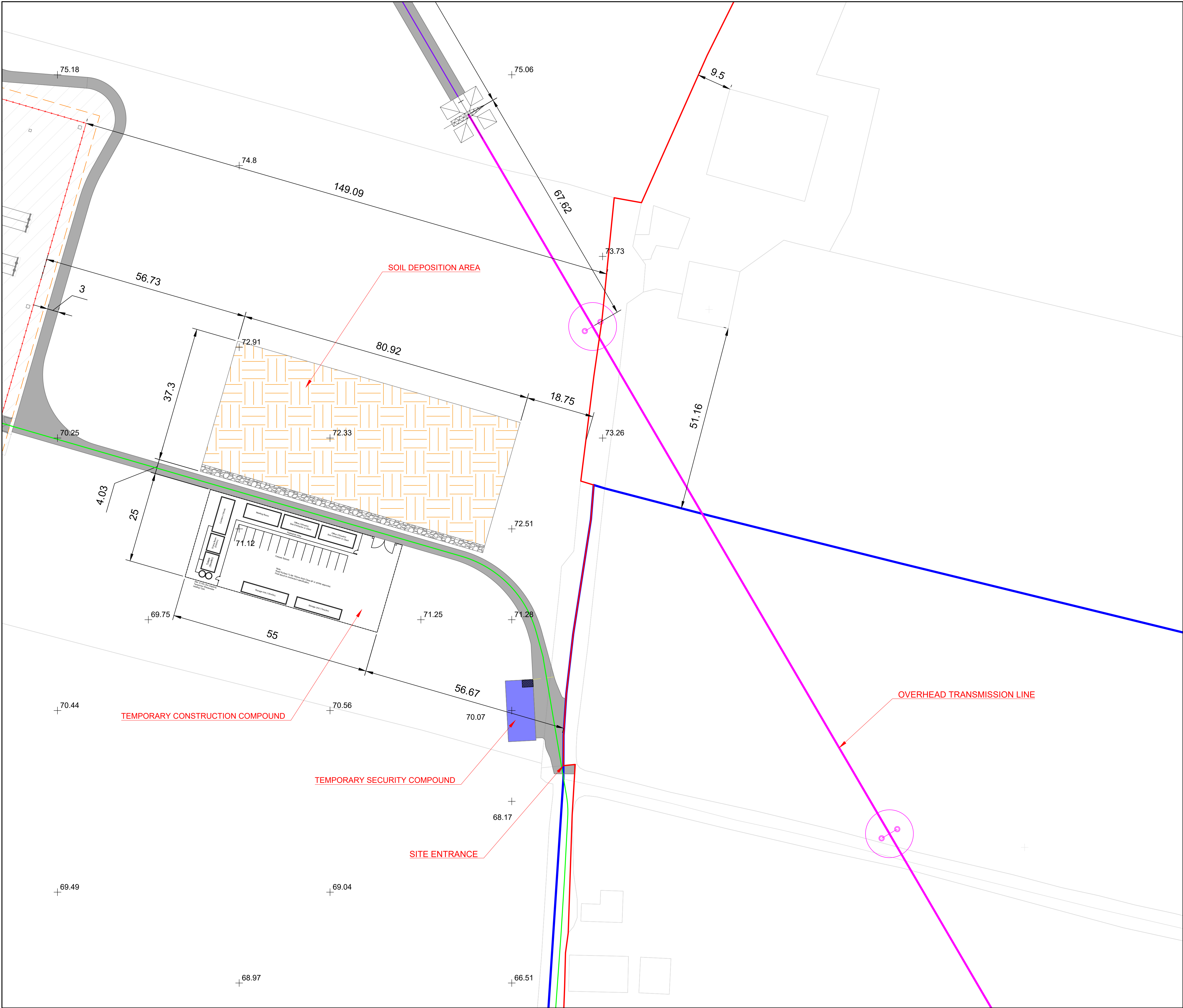
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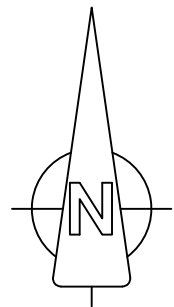
Drawing Title: **FIGURE 6.1: SITE LAYOUT PLAN 1 OF 2 (1:500)**

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<u>Scale:</u> (A1) 1:500	<u>Date:</u> 03/10/2024	<u>Revision No.:</u> REV 0
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- LEGEND:
- LANDOWNERSHIP BOUNDARY
 - APPLICATION BOUNDARY
 - UNDERGROUND ELECTRICITY LINE
 - EXISTING OVERHEAD TRANSMISSION LINE
 - UNDERGROUND ELECTRICITY LINE
 - POST & RAIL FENCE
 - SECURITY PALISADE FENCE
 - ACCESS TRACKS
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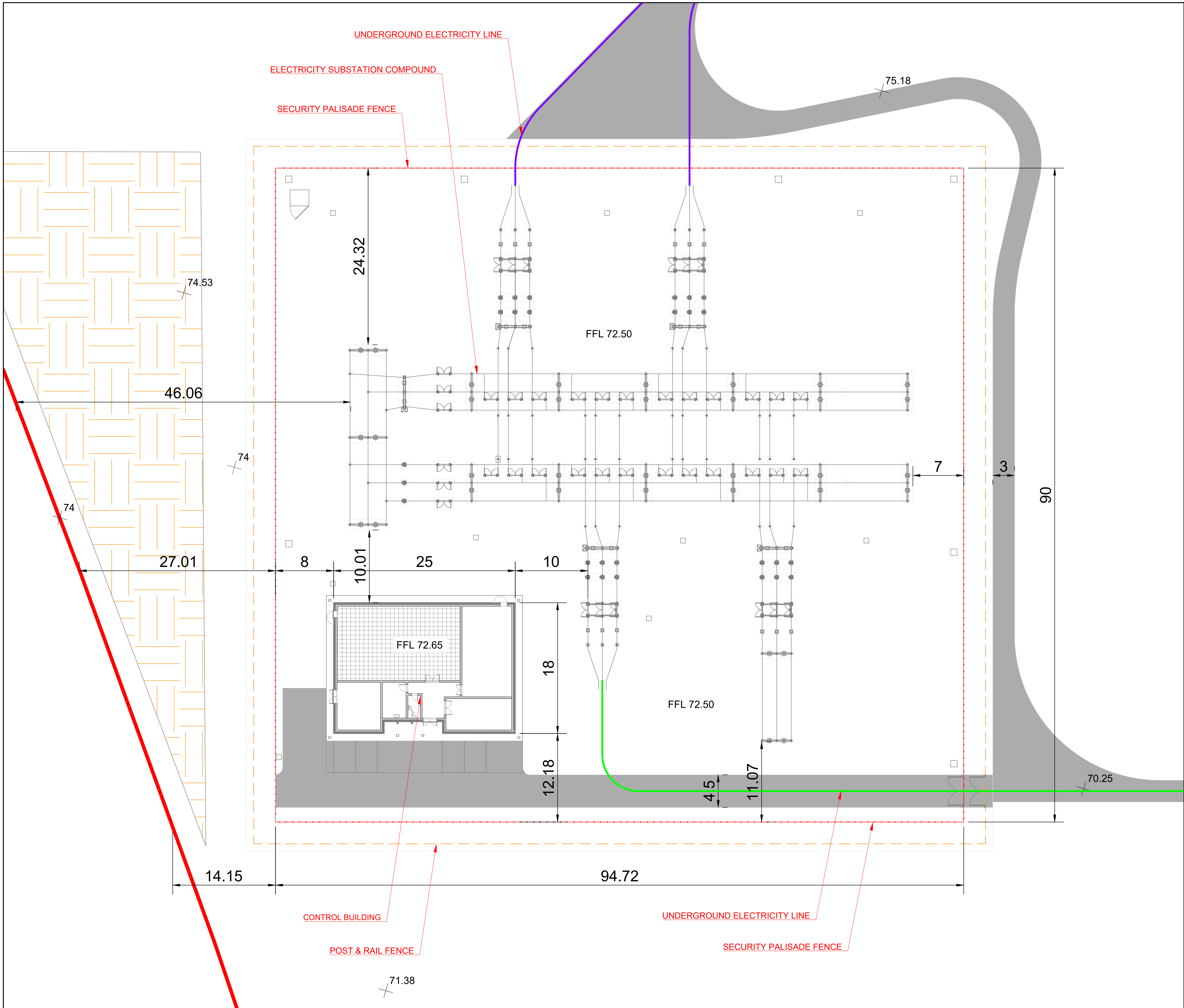
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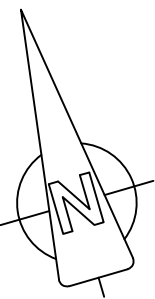
Job Title:
MOYVANNAN ELECTRICITY SUBSTATION

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

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<u>Scale:</u> (A1) 1:500	<u>Date:</u> 03/10/2024	<u>Revision No.:</u> REV 0
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- LEGEND:
- APPLICATION BOUNDARY
 - UNDERGROUND ELECTRICITY LINE
 - UNDERGROUND ELECTRICITY LINE
 - POST & RAIL FENCE
 - SECURITY PALISADE FENCE
 - ACCESS TRACKS
 - SOIL DEPOSITION AREAS
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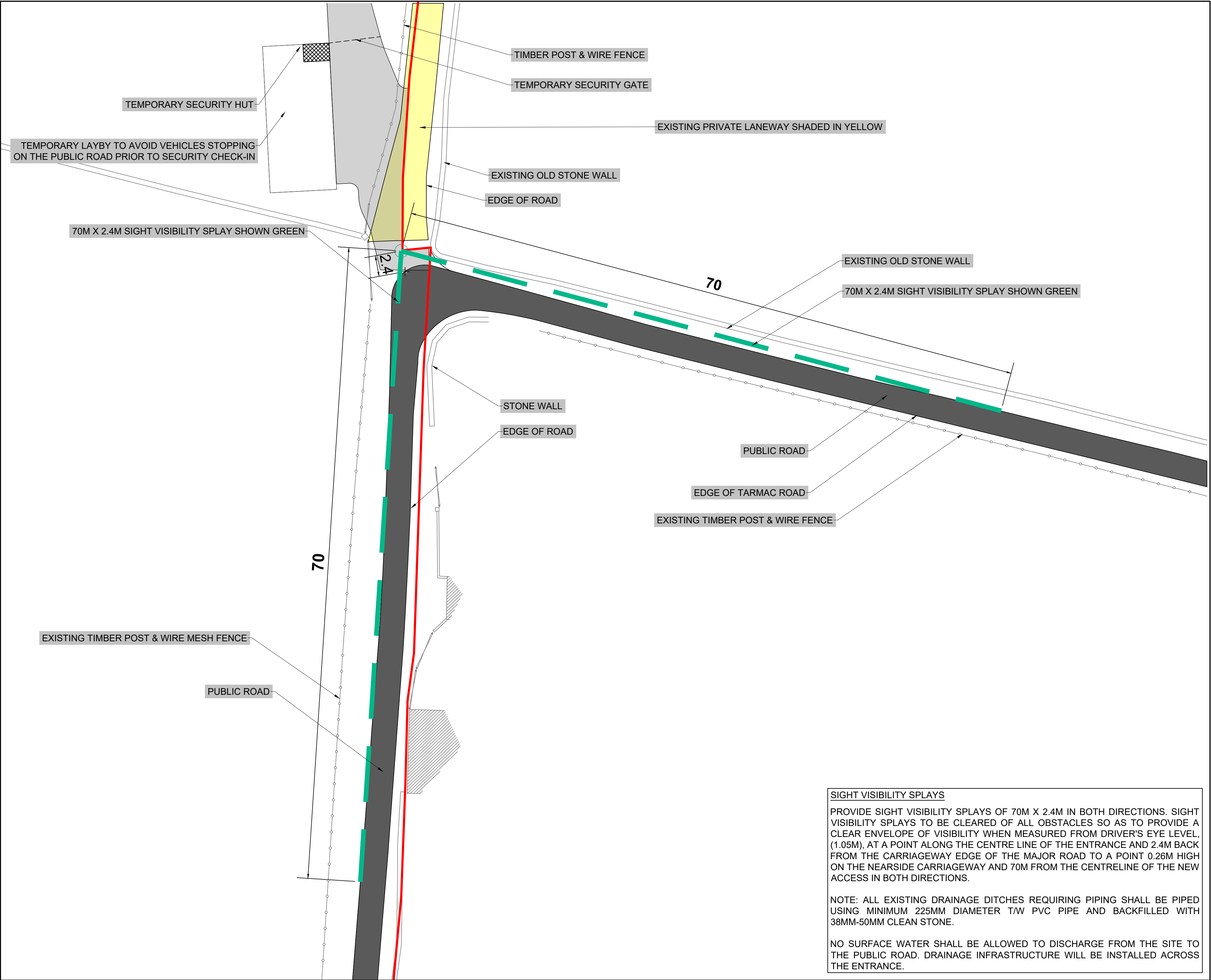
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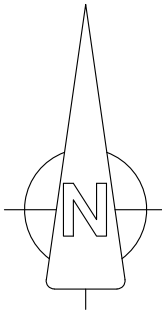
Drawing Title:
FIGURE 6.3: ELECTRICITY SUBSTATION
COMPOUND (1:250)

<u>Drawing No.</u> SEV001SS_PAS_LAY-0.04		<u>Stage.</u> PLANNING
<u>Scale.</u> (A1) 1:250	<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
 - VISIBILITY SPLAY
 - ACCESS TRACKS
 - EXISTING PRIVATE LANEWAY

- NOTES:
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Drawing Title:
FIGURE 6.4: SITE ENTRANCE PLAN

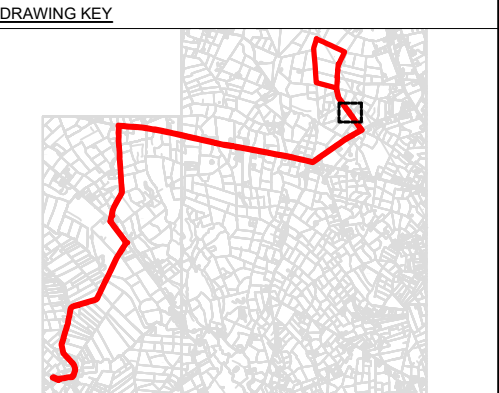
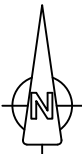
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Scale: (A1) 1:250	Date: 03/10/2024	Revision No.: REV 0	
Drawn By: EF	Checked By: JB	Confirmed By: SC	



LEGEND:

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

- NOTES:**
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MOYVANNAN ELECTRICITY SUBSTATION

Drawing Title:
FIGURE 6.5: JOINT BAY LOCATION 1

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

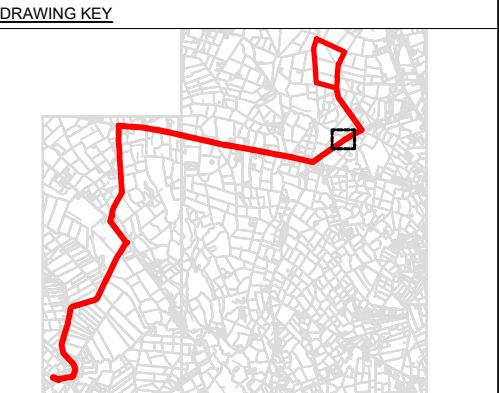
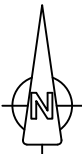
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EF	JB	SC



LEGEND:

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

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Drawing Title:
FIGURE 6.6: JOINT BAY LOCATION 2

Drawing No.	Stage.
SEV001SS_PAS_LAY-0.07	PLANNING

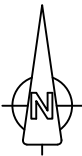
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(A3) 1:500	06/11/2024	REV 0

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EF	JB	SC

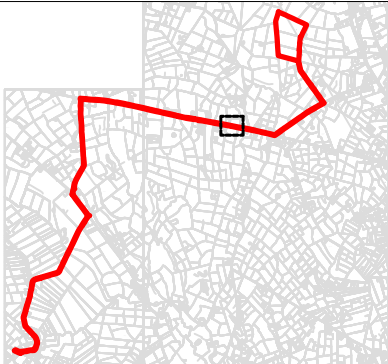


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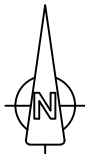
Drawing Title:
FIGURE 6.7: JOINT BAY LOCATION 3

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

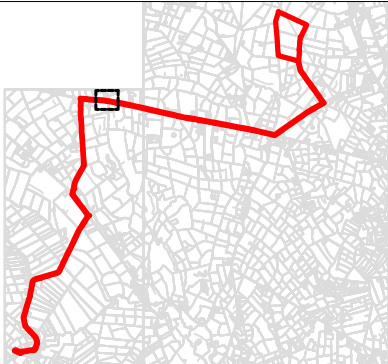


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FIGURE 6.9: JOINT BAY LOCATION 5

Drawing No.	Stage.
SEV001SS_PAS_LAY-0.10	PLANNING

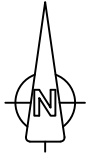
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(A3) 1:500	06/11/2024	REV 0

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EF	JB	SC

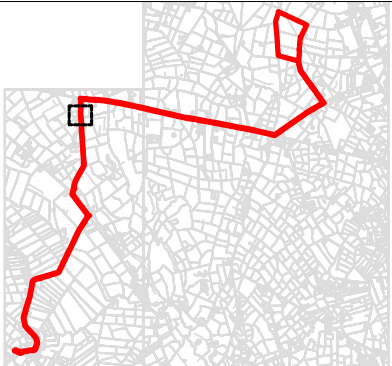


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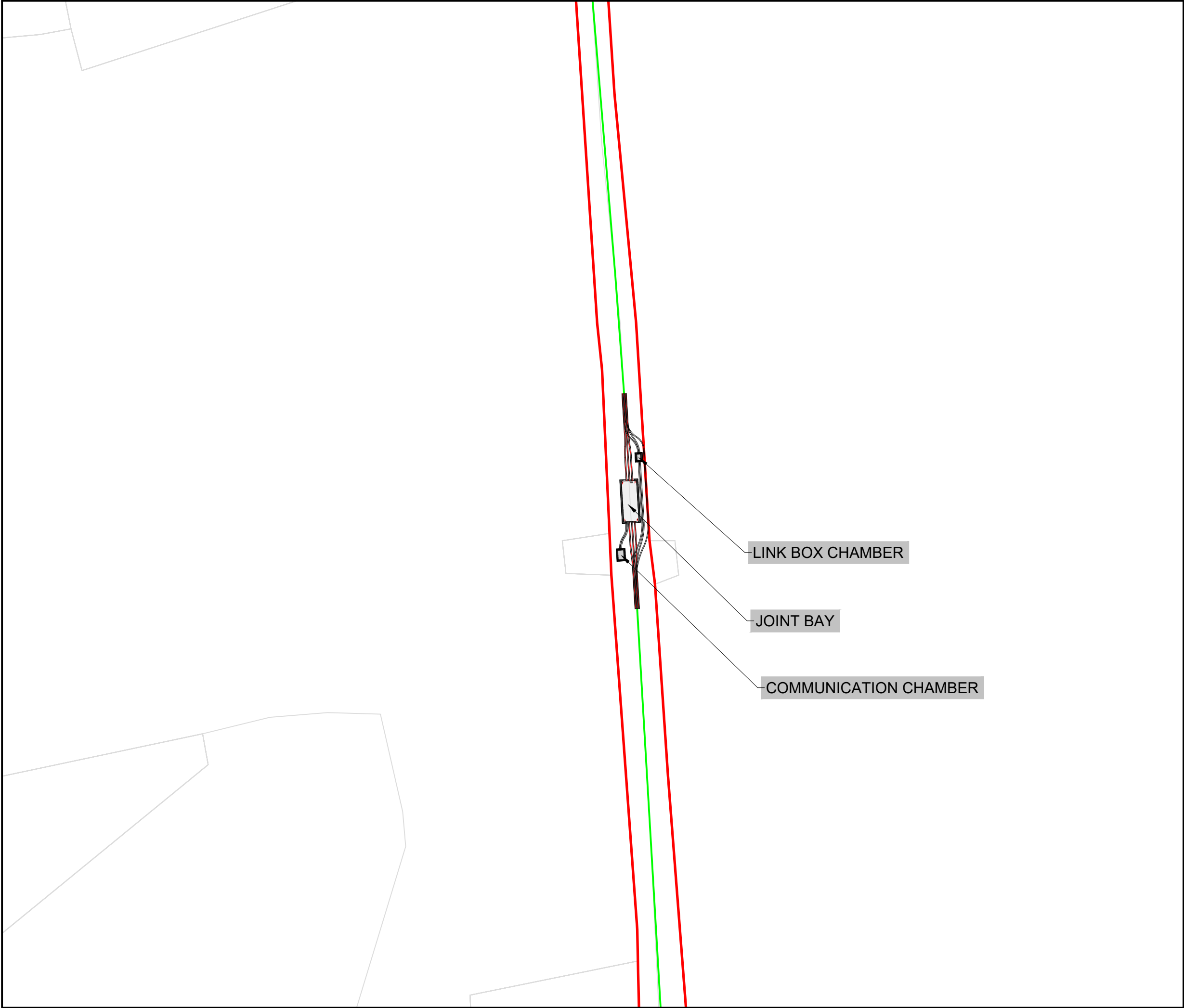
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Drawing Title:
FIGURE 6.10: JOINT BAY LOCATION 6

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



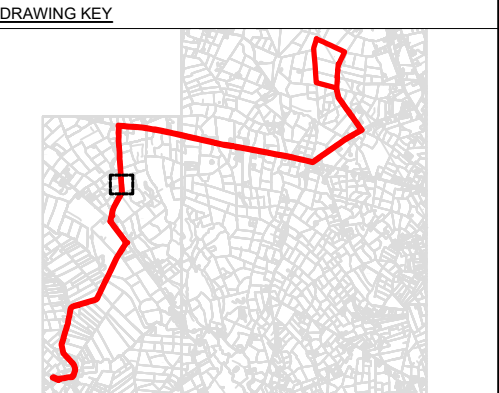
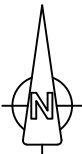
LEGEND:

APPLICATION BOUNDARY

UNDERGROUND ELECTRICITY LINE

COMMUNICATIONS CHAMBER / JOINT BAY / LINK BOX CHAMBER

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Drawing Title:

FIGURE 6.11: JOINT BAY LOCATION 7

Drawing No. SEV001SS_PAS_LAY-0.12		Stage. PLANNING	
Scale: (A3) 1:500	Date: 06/11/2024	Revision No.: REV 0	
Drawn By: EF	Checked By: JB	Confirmed By: SC	



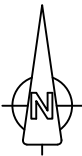
LEGEND:

APPLICATION BOUNDARY

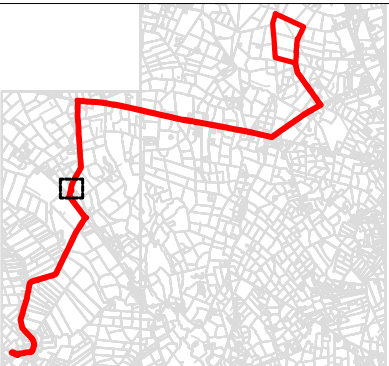
UNDERGROUND ELECTRICITY LINE

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Drawing Title:
FIGURE 6.12: JOINT BAY LOCATION 8

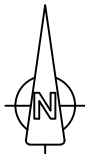
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<u>Drawn By:</u> EF	<u>Checked By:</u> JB	<u>Confirmed By:</u> SC	



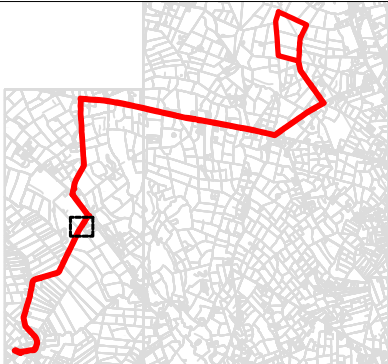
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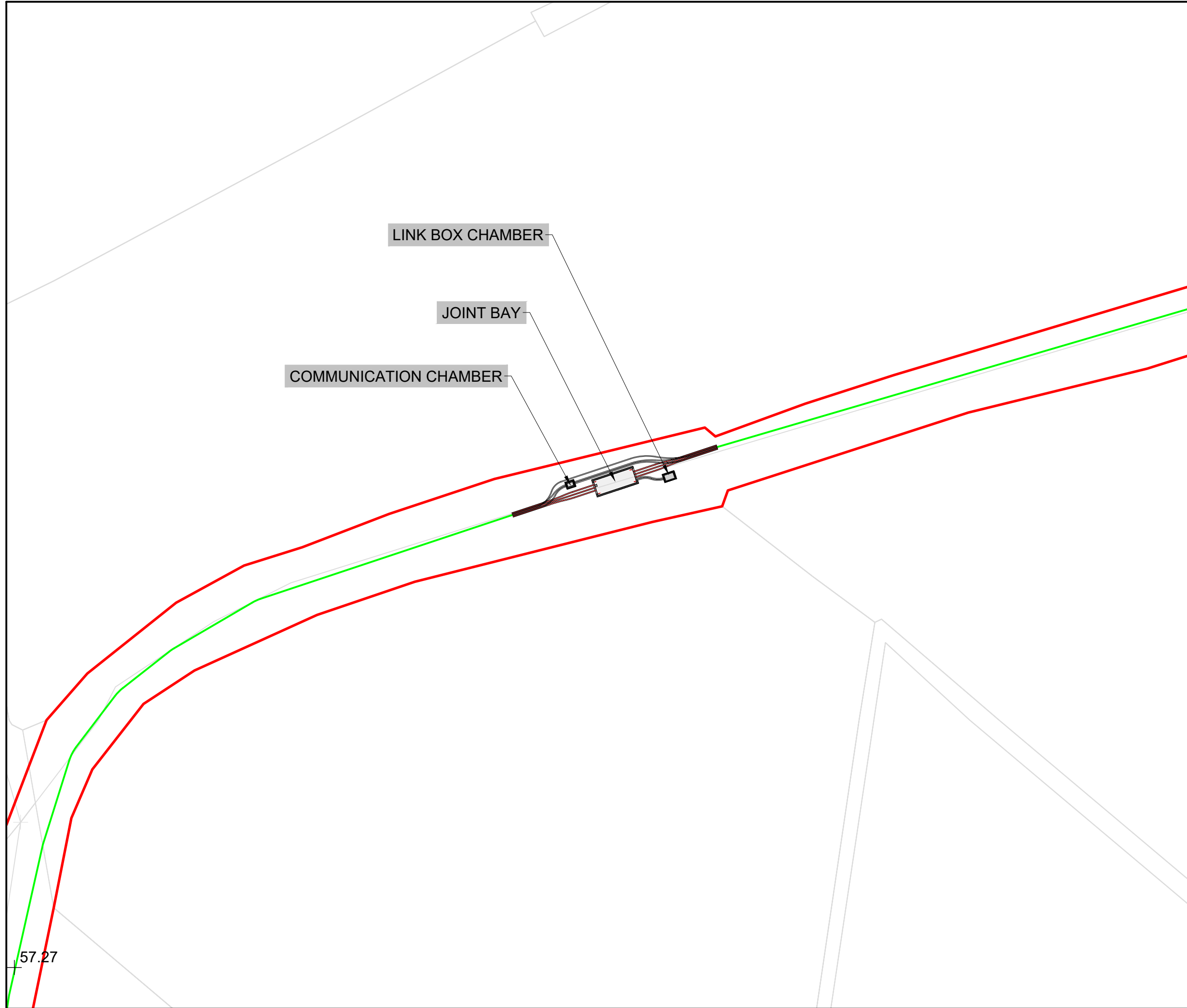
Drawing Title:

FIGURE 6.13: JOINT BAY LOCATION 9

Drawing No. SEV001SS_PAS_LAY-0.14	Stage. PLANNING
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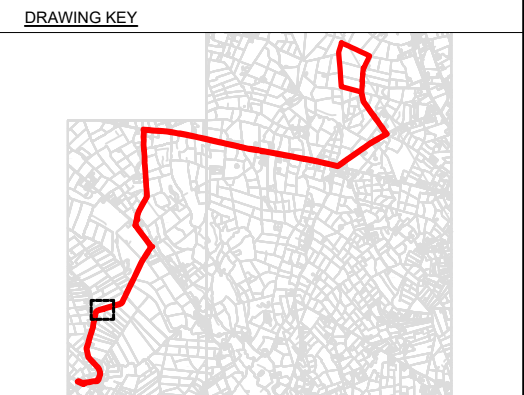
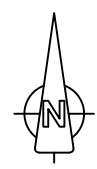
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Drawing Title:
FIGURE 6.14: JOINT BAY LOCATION 10

Drawing No.	Stage.
SEV001SS_PAS_LAY-0.15	PLANNING

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

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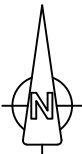
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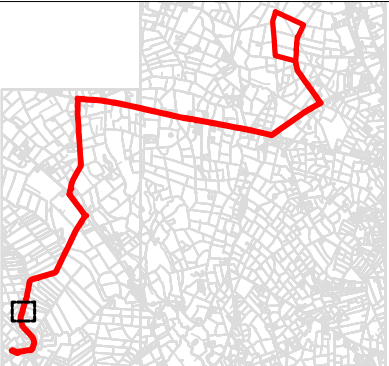
UNDERGROUND ELECTRICITY LINE

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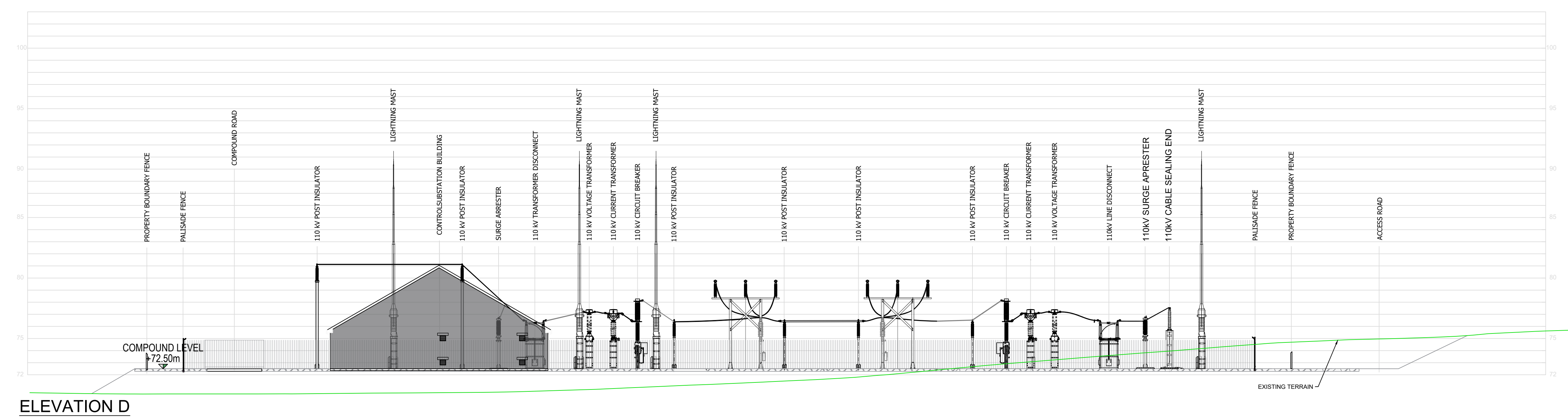
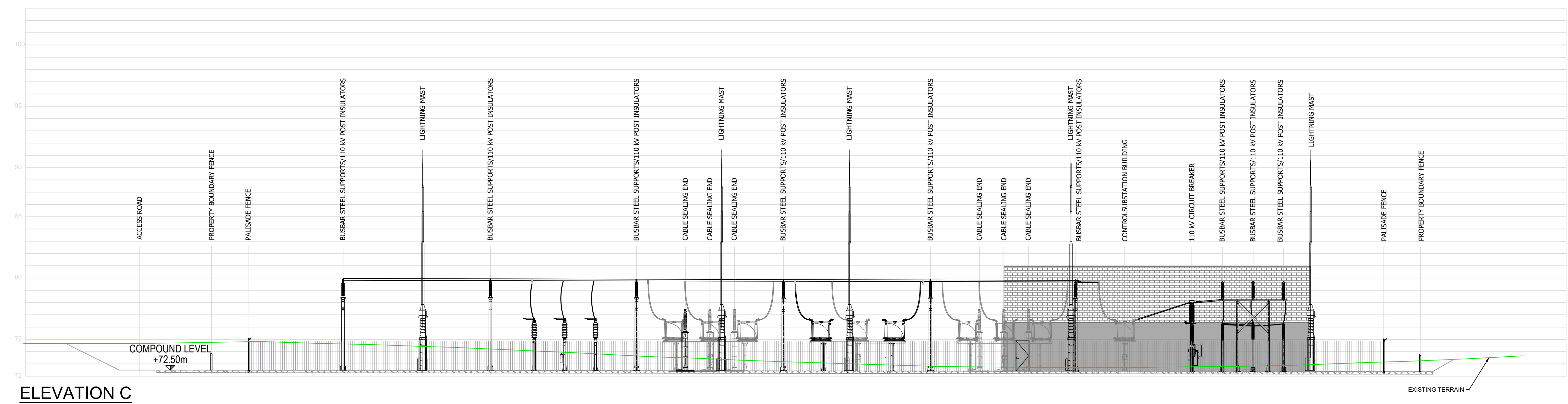
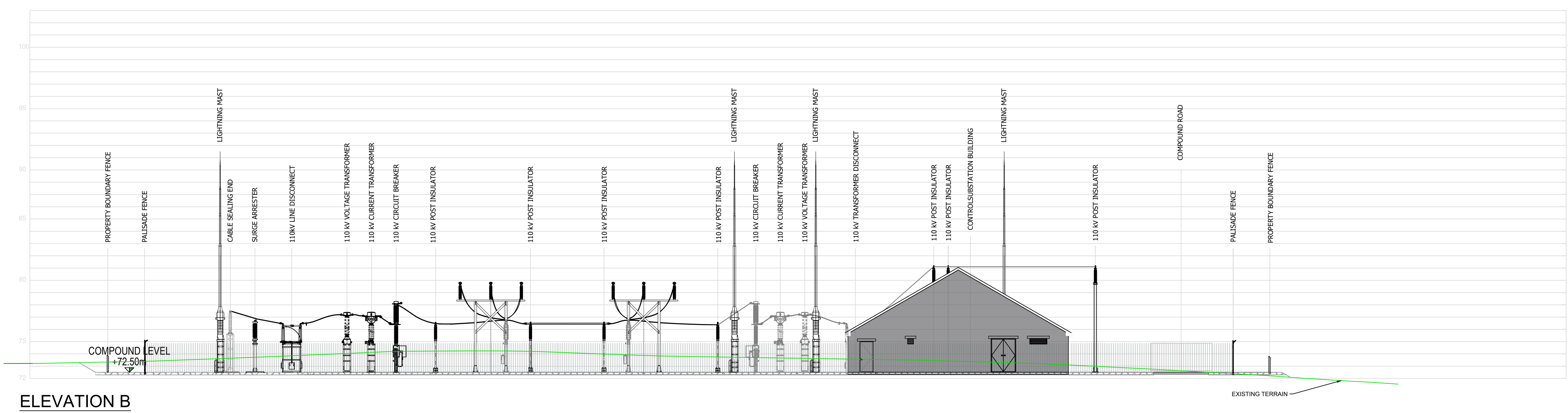
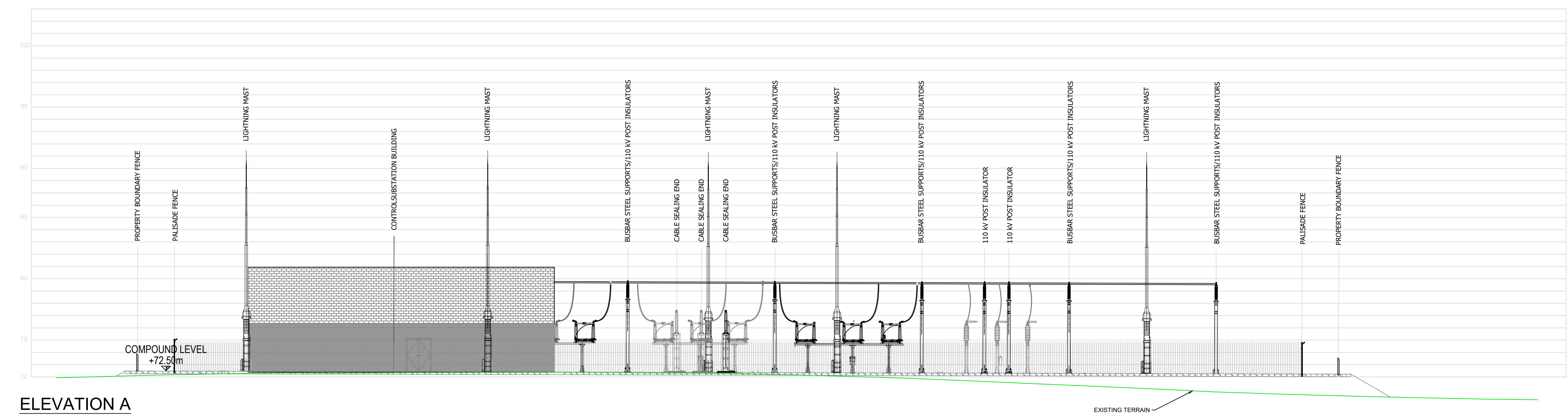
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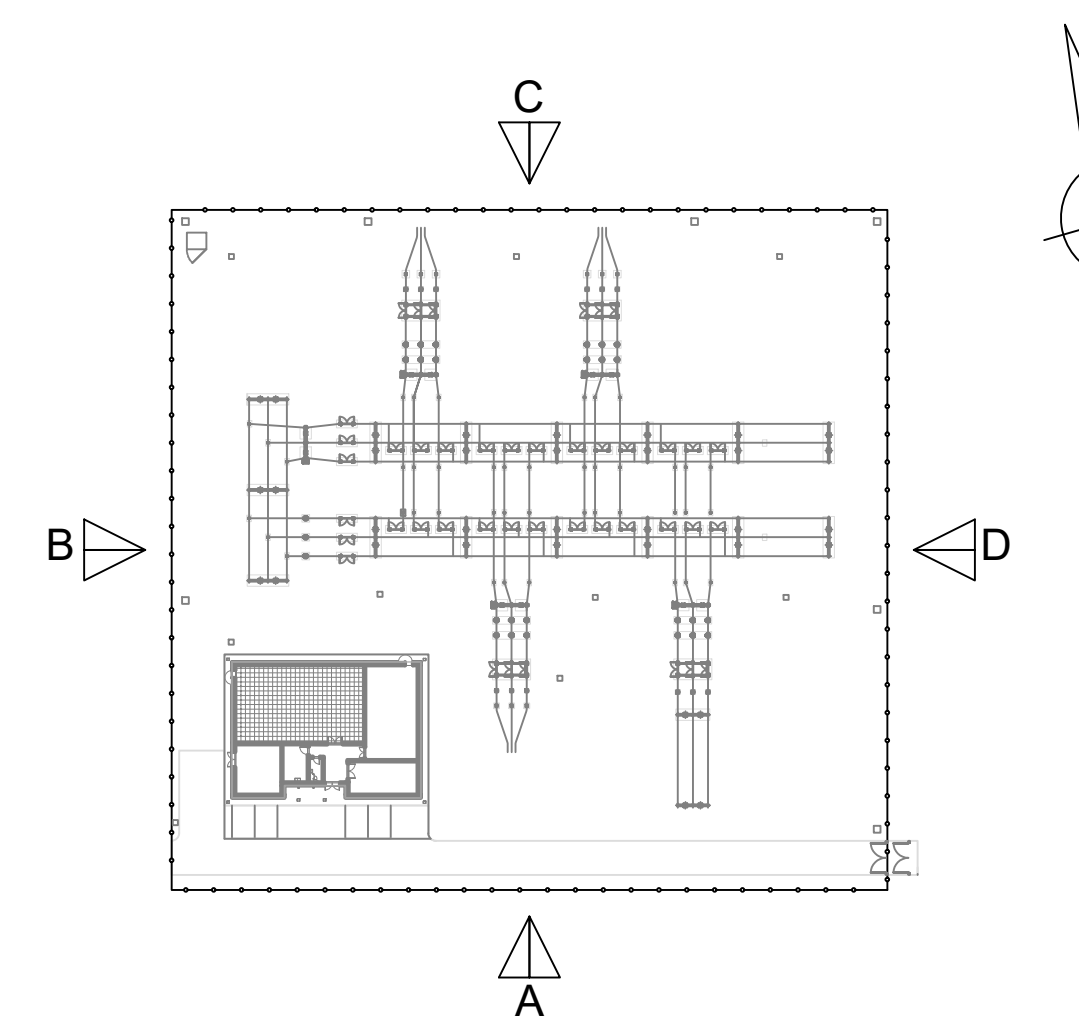
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FIGURE 6.15: JOINT BAY LOCATION 11

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<u>Drawn By:</u> EF	<u>Checked By:</u> JB	<u>Confirmed By:</u> SC



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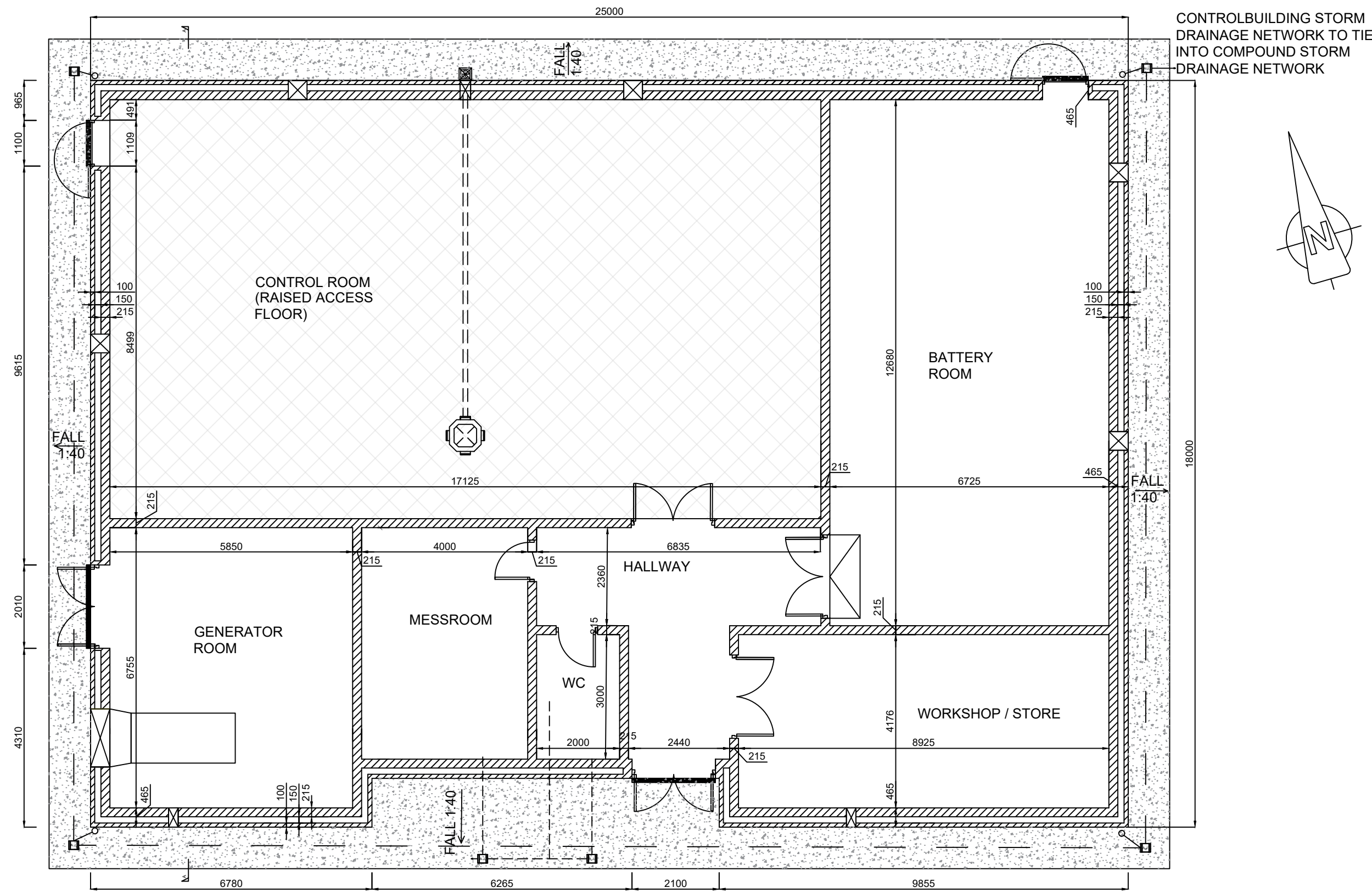
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Drawing Title:

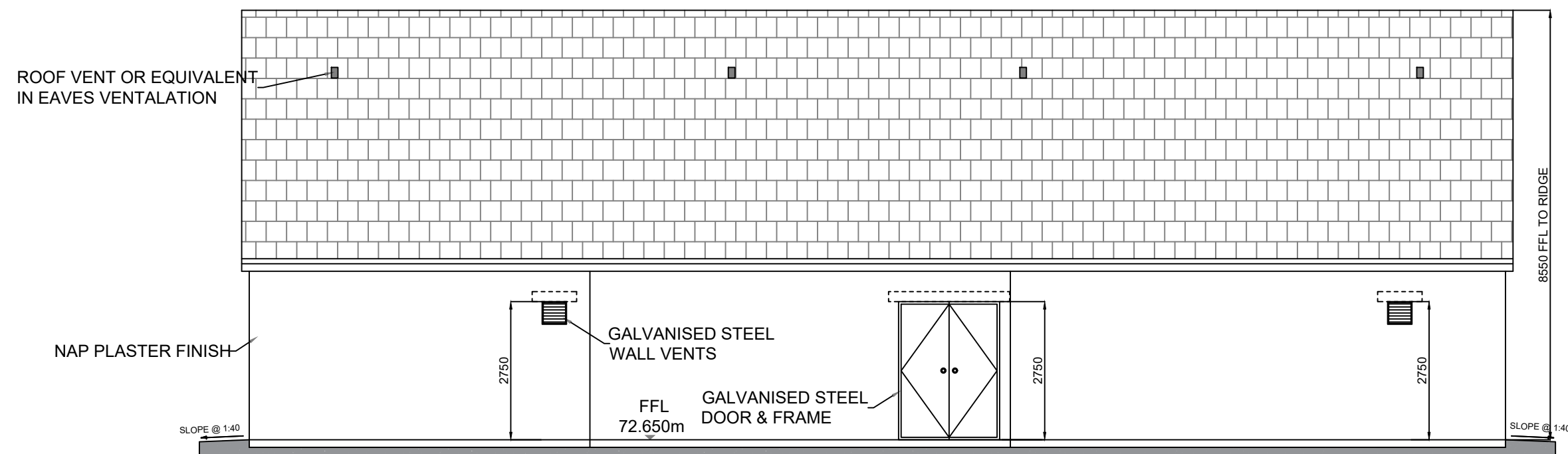
FIGURE 7: SUBSTATION
COMPOUND ELEVATIONS

<u>Drawing No.</u> SEV001SS_PAS_GA-0.01		<u>Stage.</u> PLANNING
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<u>Drawn By:</u> EF	<u>Checked By:</u> JB	<u>Confirmed By:</u> SC

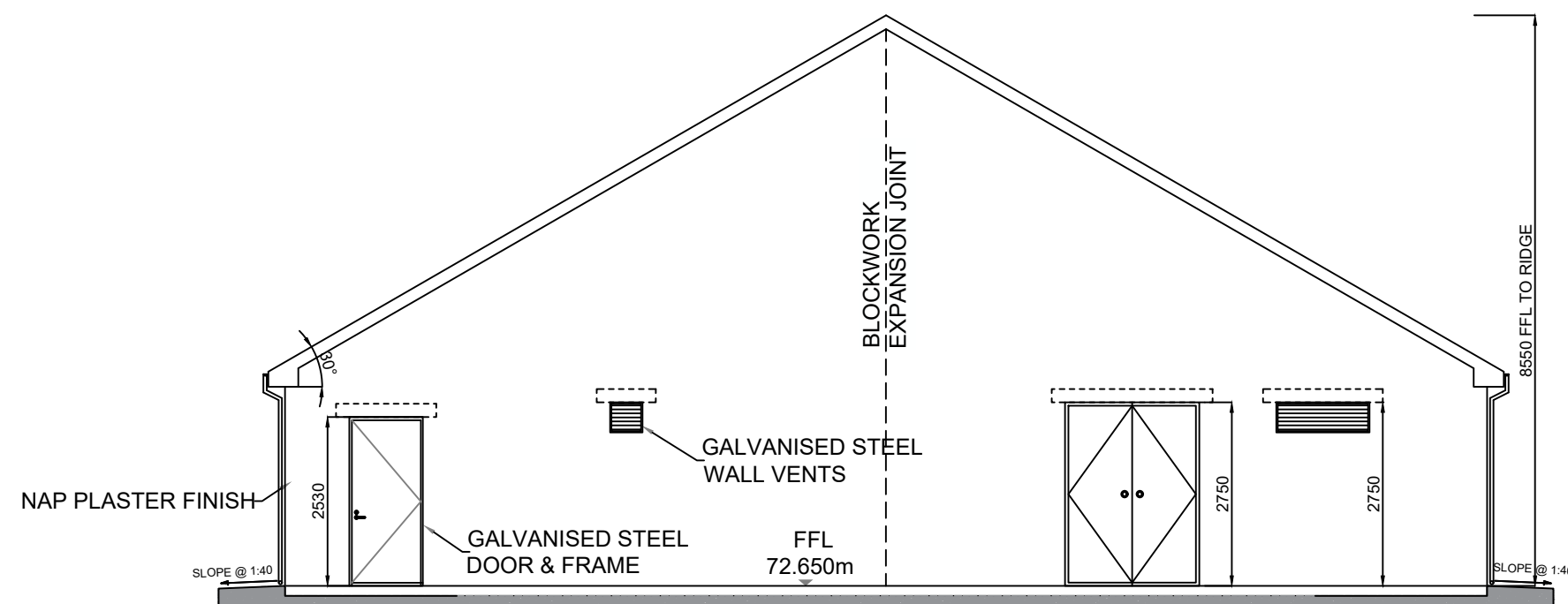


GROUND FLOOR LAYOUT PLAN
Scale 1:100

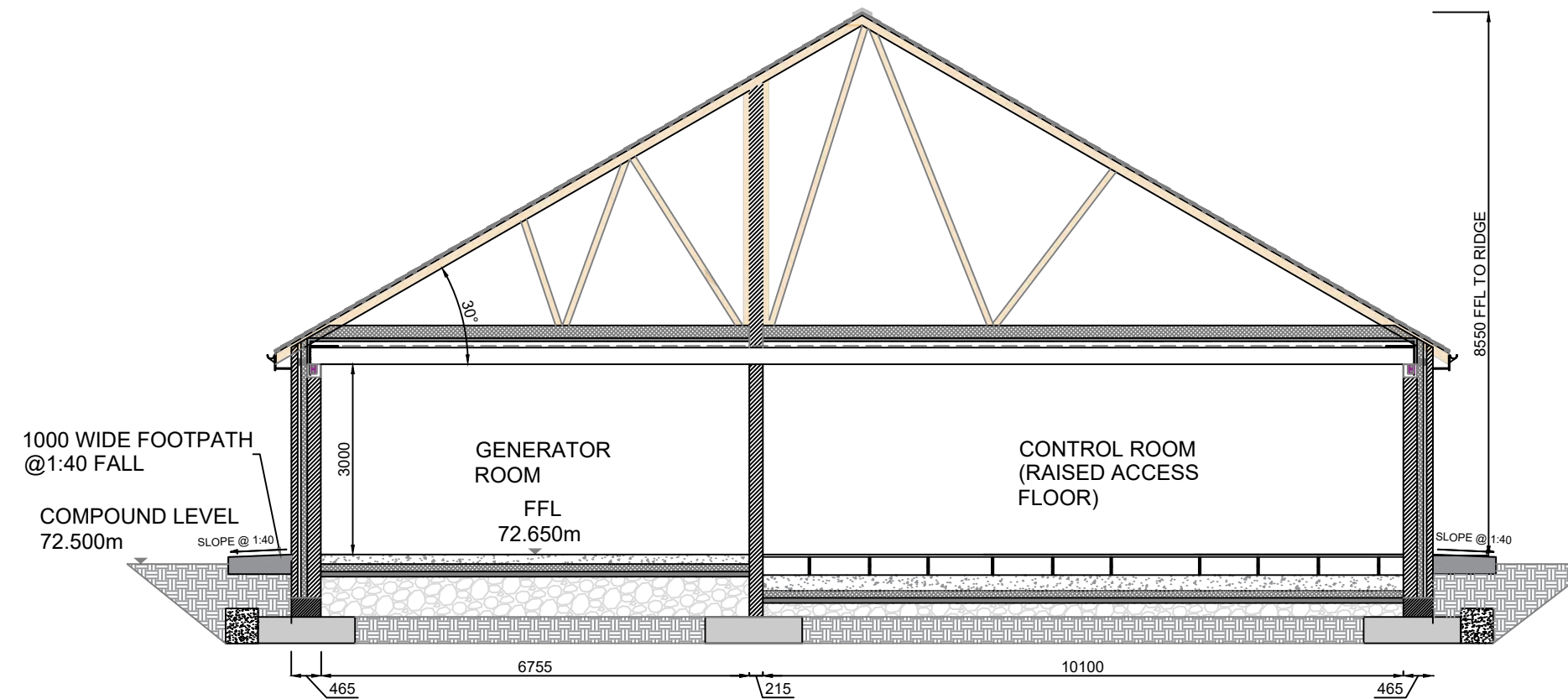
CONTROL BUILDING
FOUL DRAINAGE TO
FOUL HOLDING
TANK



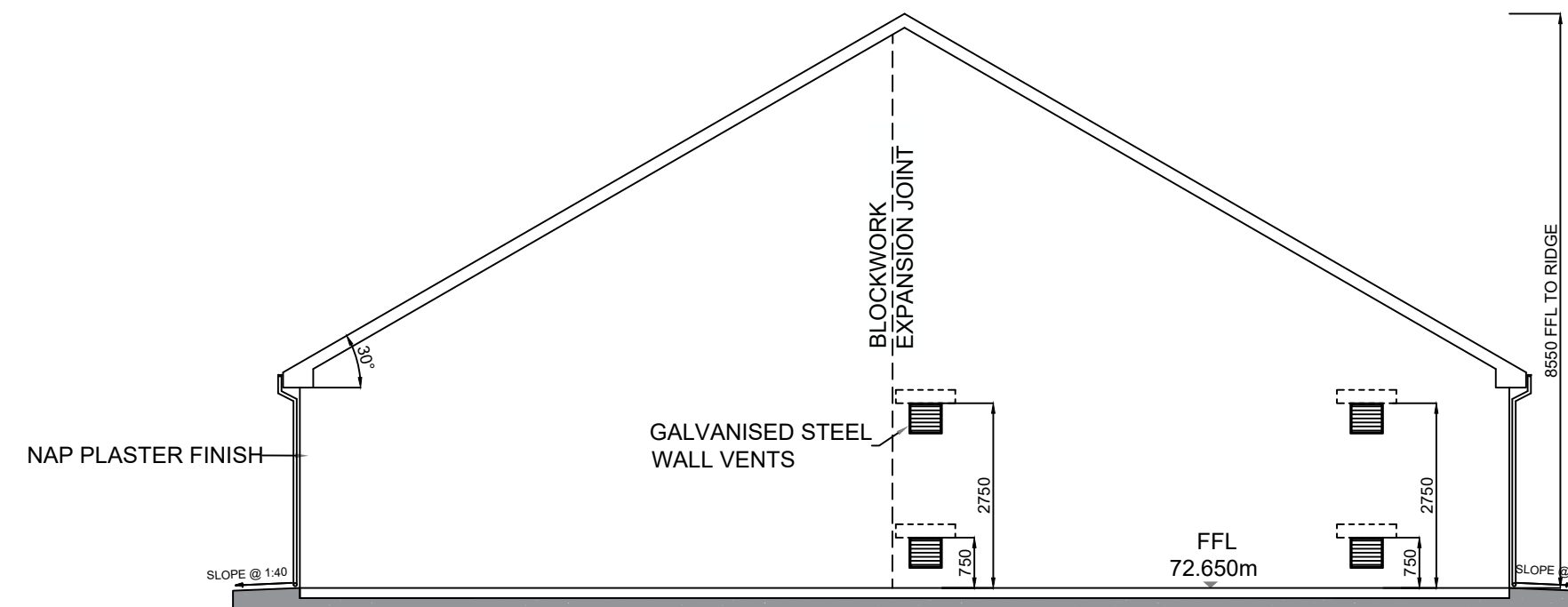
FRONT ELEVATION - SOUTH
Scale 1:100



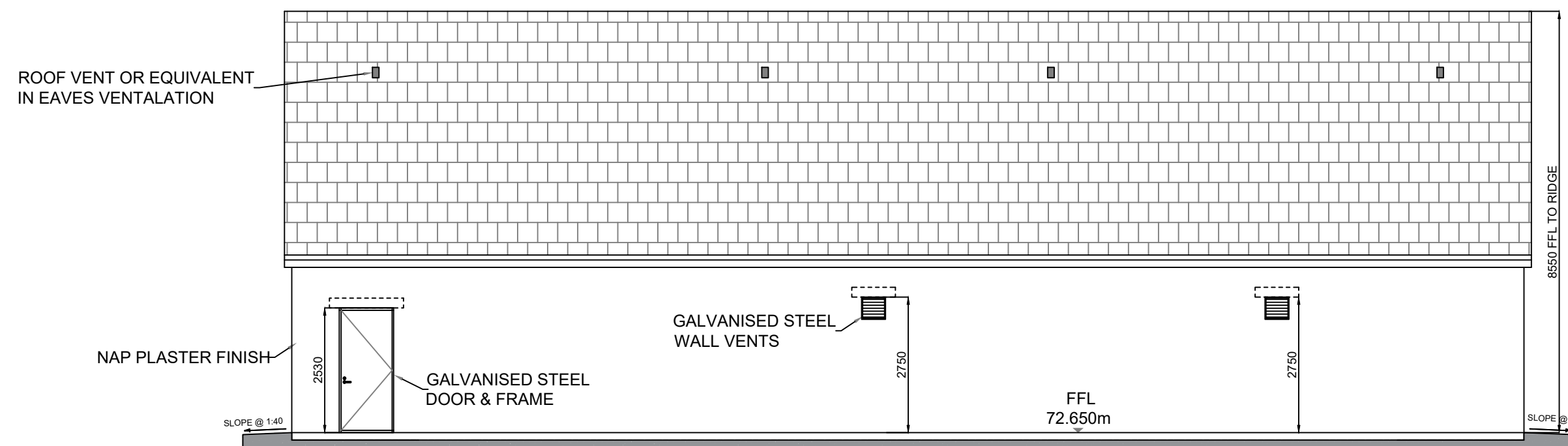
SIDE ELEVATION - WEST
Scale 1:100



SECTION A-A
Scale 1:100



SIDE ELEVATION - EAST
Scale 1:100



REAR ELEVATION - NORTH
Scale 1:100

Notes:

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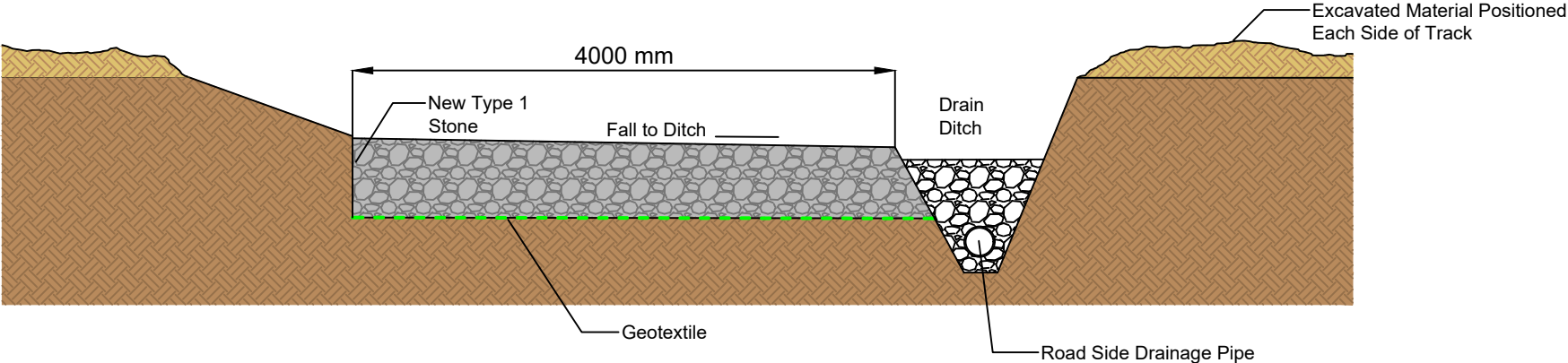
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Drawing Title: FIGURE 8: CONTROL BUILDING PLAN & ELEVATIONS

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

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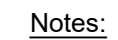
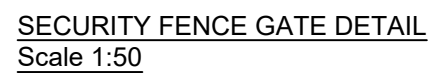
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Drawing Title:
FIGURE 10: ACCESS TRACK SPECIFICATION

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	



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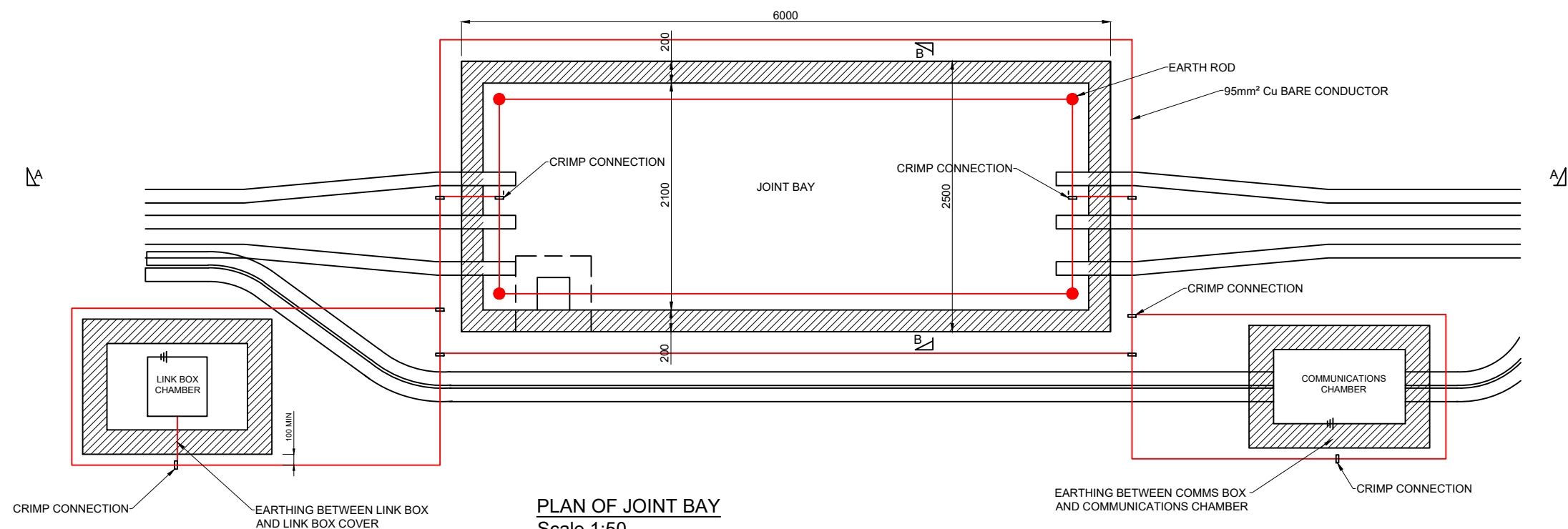
Job Title:

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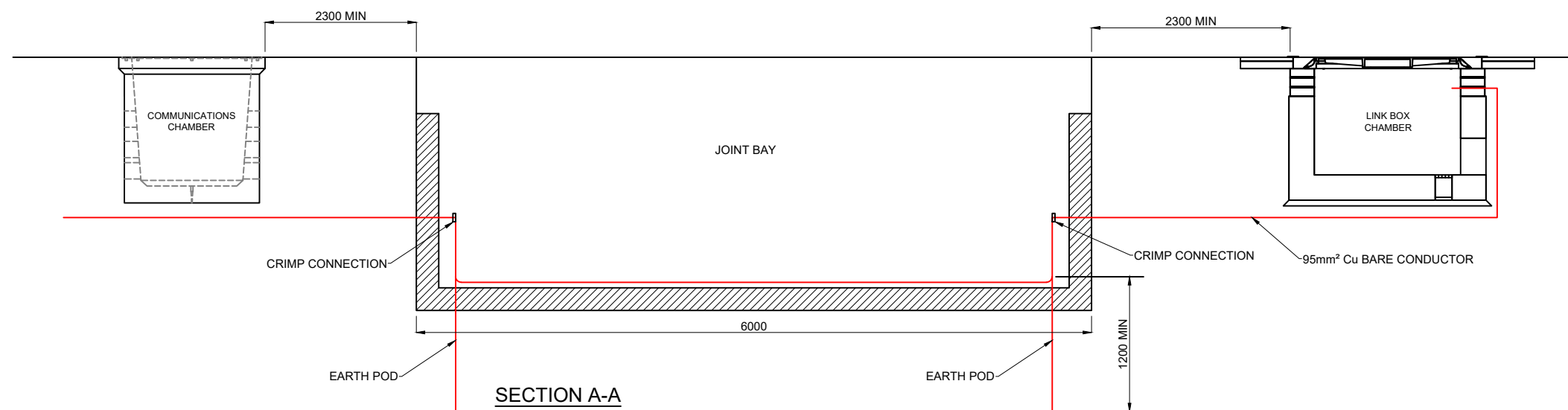
Drawing Title:

FIGURE 11: PALISADE FENCE SPECIFICATION

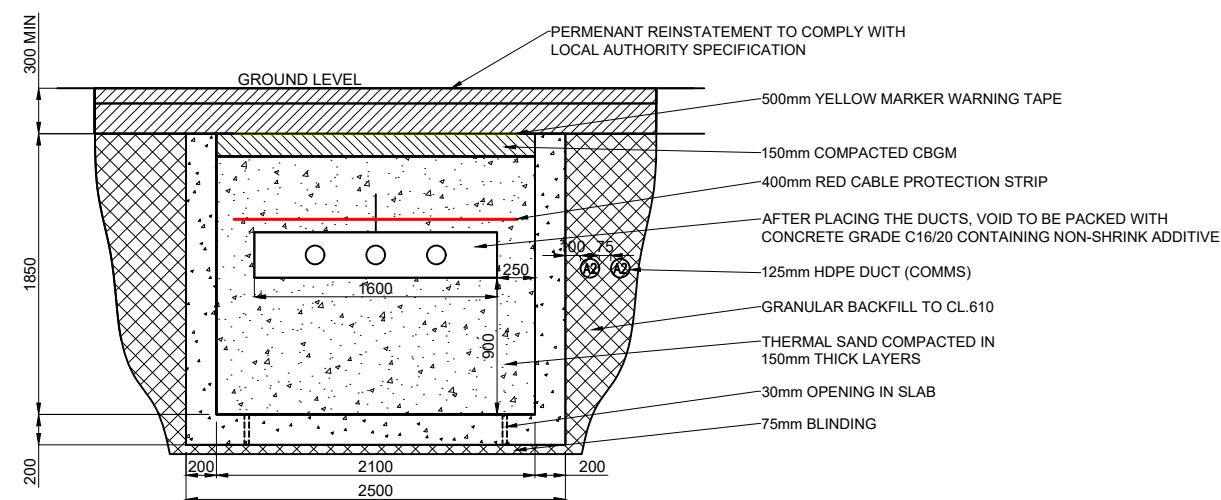
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<u>Drawn By:</u> EF	<u>Checked By:</u> JB	<u>Confirmed By:</u> SC



PLAN OF JOINT BAY
Scale 1:50



SECTION A-A
Scale 1:50



SECTION B-B
Scale 1:50

Notes:

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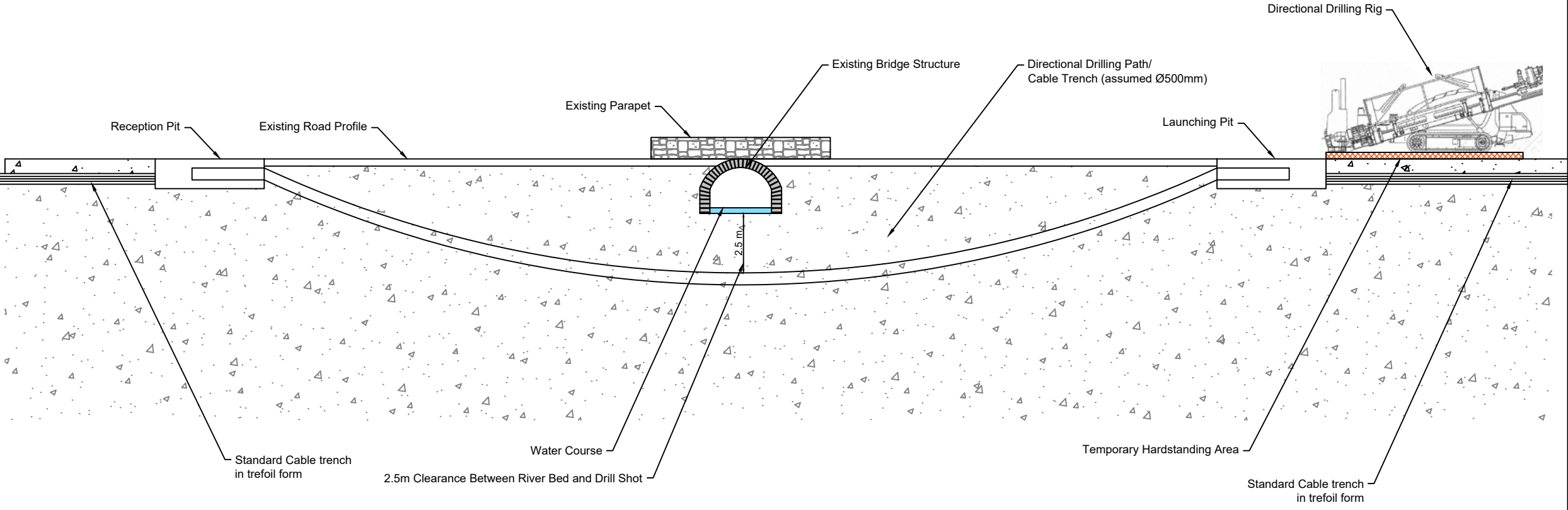
Job Title:

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

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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	

