

**LEGEND:**  
 LANDOWNERSHIP BOUNDARY  
 PLANNING APPLICATION BOUNDARY



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Date:	Rev:	Description:	Drawn By:

Prepared By:



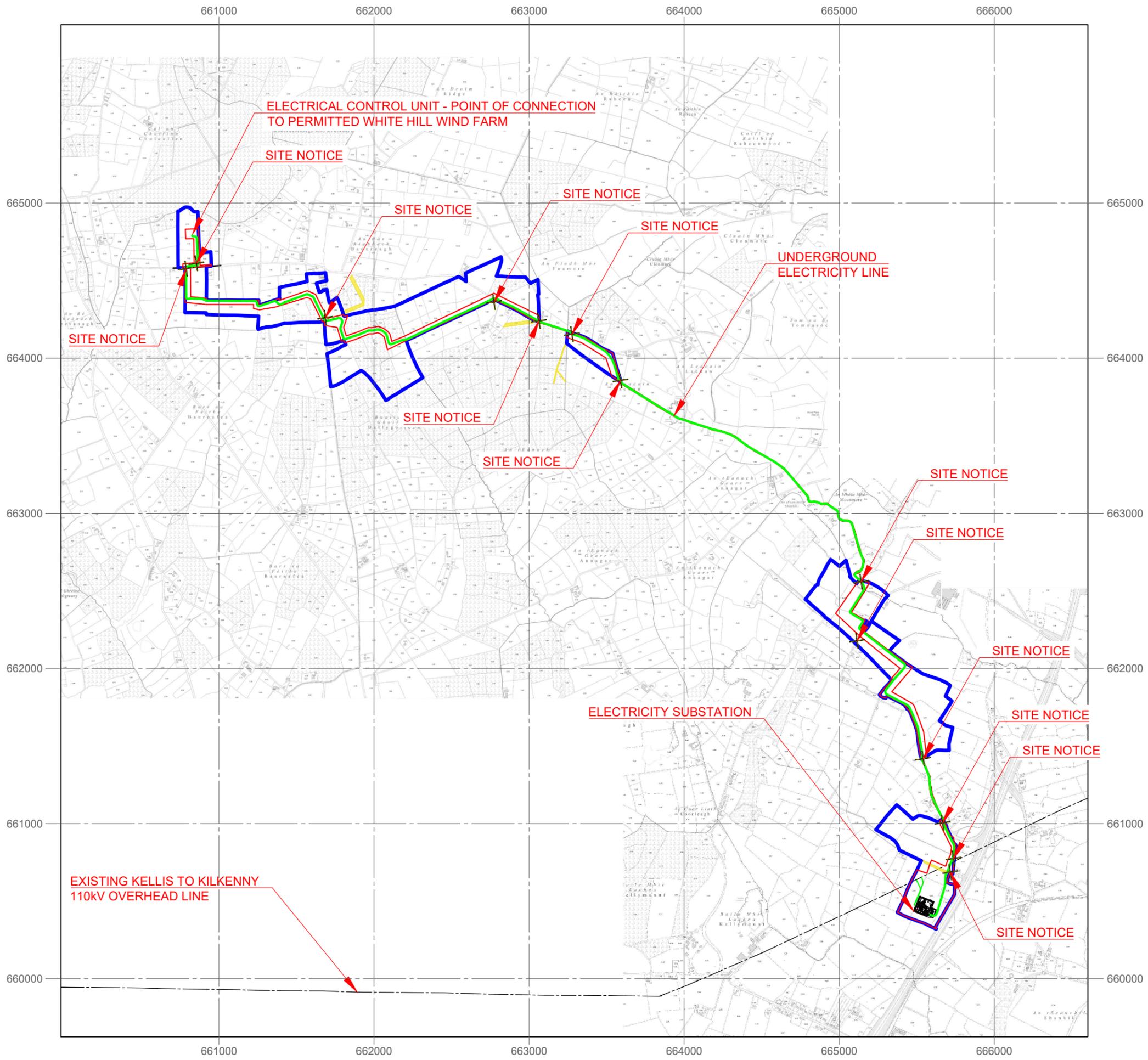
Galetech Energy Services  
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 Co. Cavan, H12 NV06  
 info@galetechenergyservices.com  
 www.galetechenergyservices.com

Client: **WHITE HILL WIND LIMITED**

Job Title: **White Hill Wind Farm Electricity Substation & Electricity Line**

Drawing Title: **FIGURE 1.01: OVERALL SITE LOCATION (1:50,000)**

Drawing No.: WHI001SS_PLAN_LOC-0.01	Stage: PLANNING
Scale: (A3) 1:50,000	Date: 04/03/2025
Drawn By: EF	Checked By: JB
	Revision No.: REV 02
	Confirmed By: SC



**LEGEND:**

- LANDOWNERSHIP BOUNDARY
- PLANNING APPLICATION BOUNDARY
- UNDERGROUND ELECTRICITY LINE
- EXISTING WAYLEAVE
- + 68.559 SPOT HEIGHT

- NOTES:**
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  2. ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED.
  3. DIMENSIONS MAY IMMATERIALLY VARY DEPENDING ON SITE CONDITIONS.
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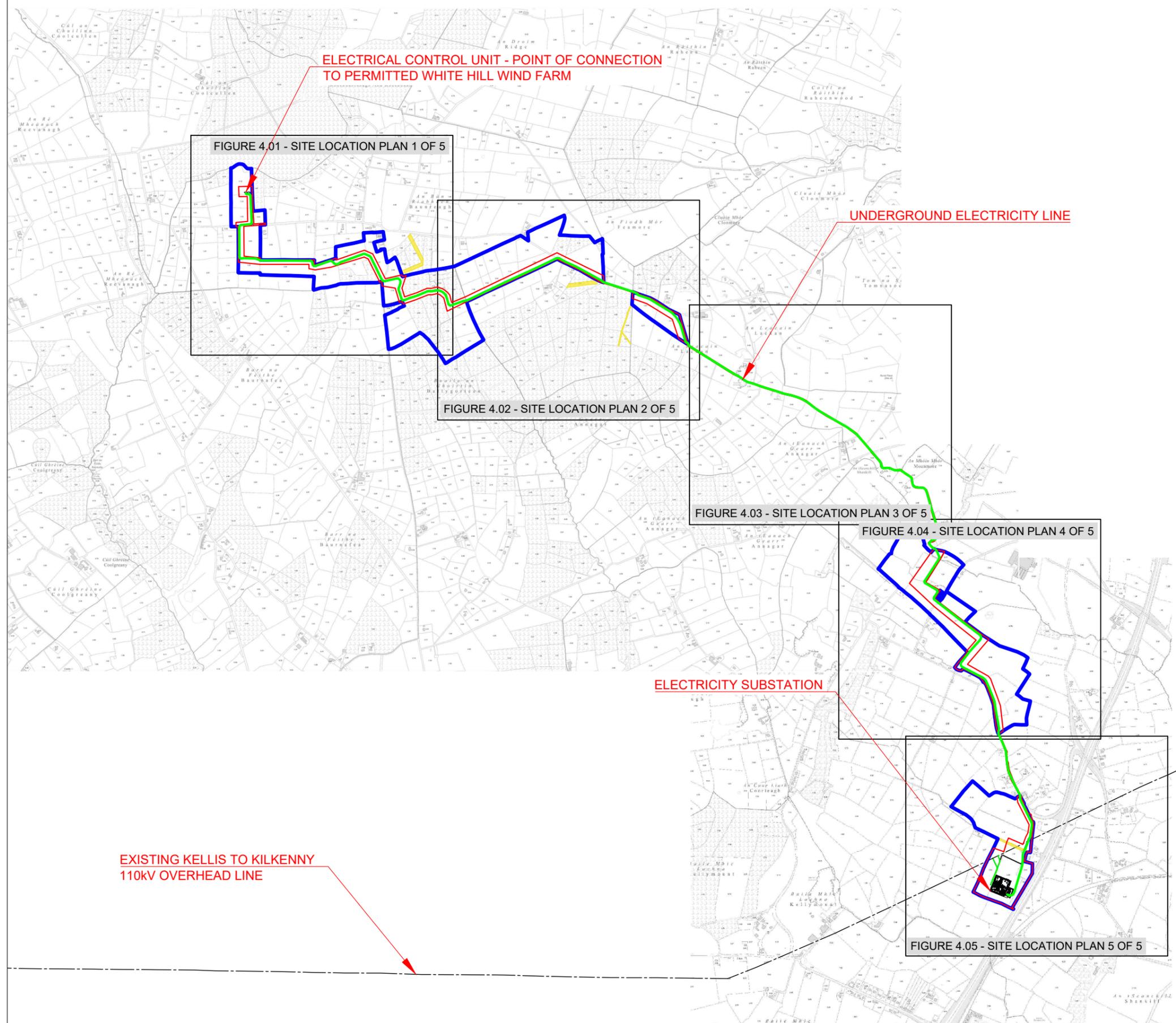
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Client: **WHITE HILL WIND LIMITED**

Job Title: **White Hill Wind Farm Electricity Substation & Electricity Line**

Drawing Title: **FIGURE 2.01: SITE LOCATION PLAN (1:25,000)**

Drawing No.: WHI001SS_PLAN_LOC-0.02	Stage: PLANNING
Scale: (A3) 1:25,000	Date: 04/03/2025
Drawn By: EF	Checked By: JB
	Confirmed By: SC



**LEGEND:**

	LANDOWNERSHIP BOUNDARY
	PLANNING APPLICATION BOUNDARY
	UNDERGROUND ELECTRICITY LINE
	EXISTING OVERHEAD LINE
	EXISTING WAYLEAVE
	SPOT HEIGHT

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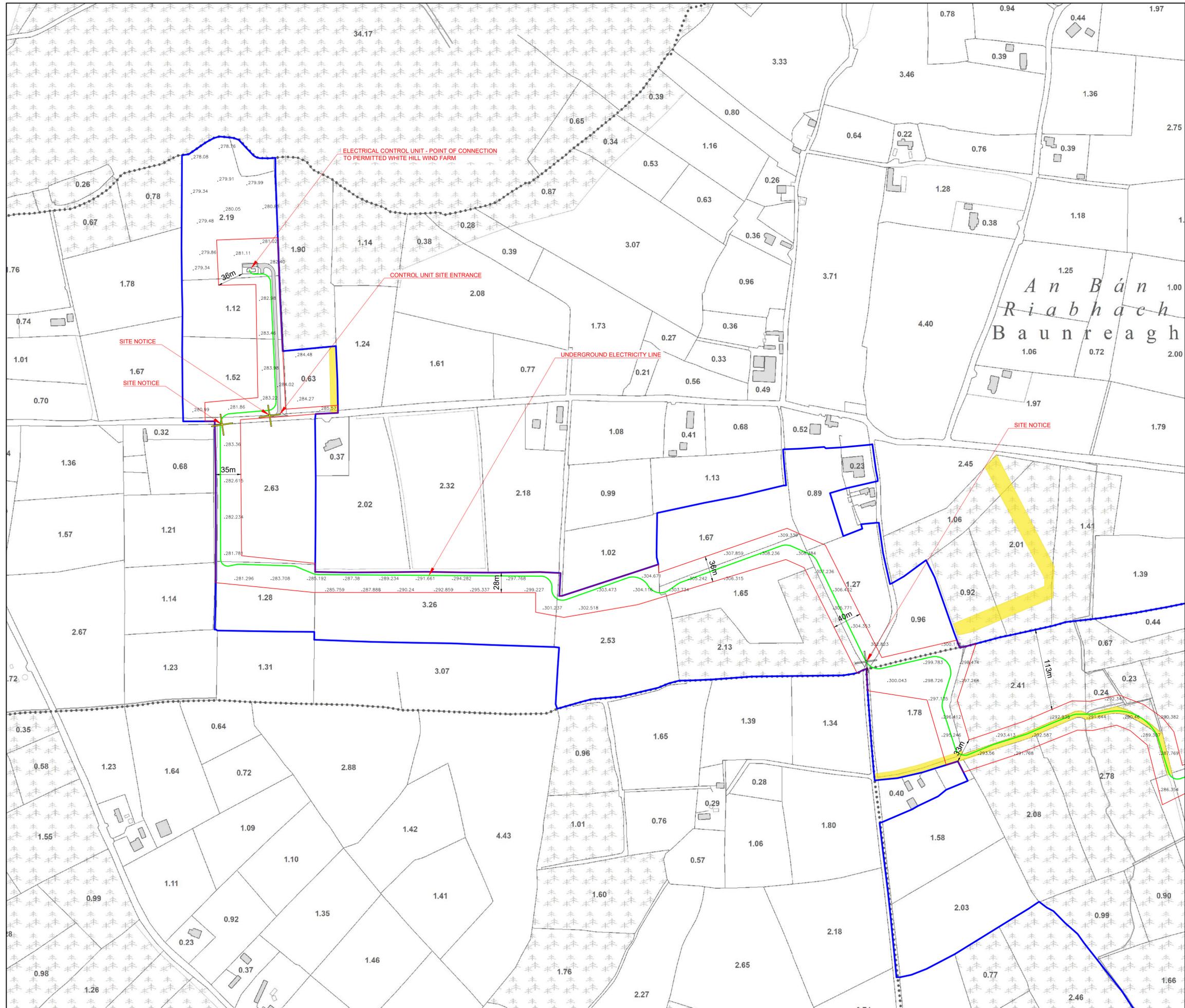
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Client:		
WHITE HILL WIND LIMITED		
Job Title:		
White Hill Wind Farm Electricity Substation & Electricity Line		
Drawing Title:		
FIGURE 3.01: SITE LOCATION PLAN DRAWING KEY		

Drawing No.:	WHI001SS_PLAN_LOC-0.03	Stage:	PLANNING
Scale:	(A3) 1:25,000	Date:	04/03/2025
Drawn By:	EF	Checked By:	JB
		Confirmed By:	SC
		Revision No.:	REV 02



- LEGEND:**
- LANDOWNERSHIP BOUNDARY
  - PLANNING APPLICATION BOUNDARY
  - UNDERGROUND ELECTRICITY LINE
  - EXISTING WAYLEAVE
  - SECURITY PALISADE FENCE
  - ACCESS TRACKS
  - ±88.559 SPOT HEIGHT

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An Bán  
Riabhach  
Baunreagh



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Prepared By:

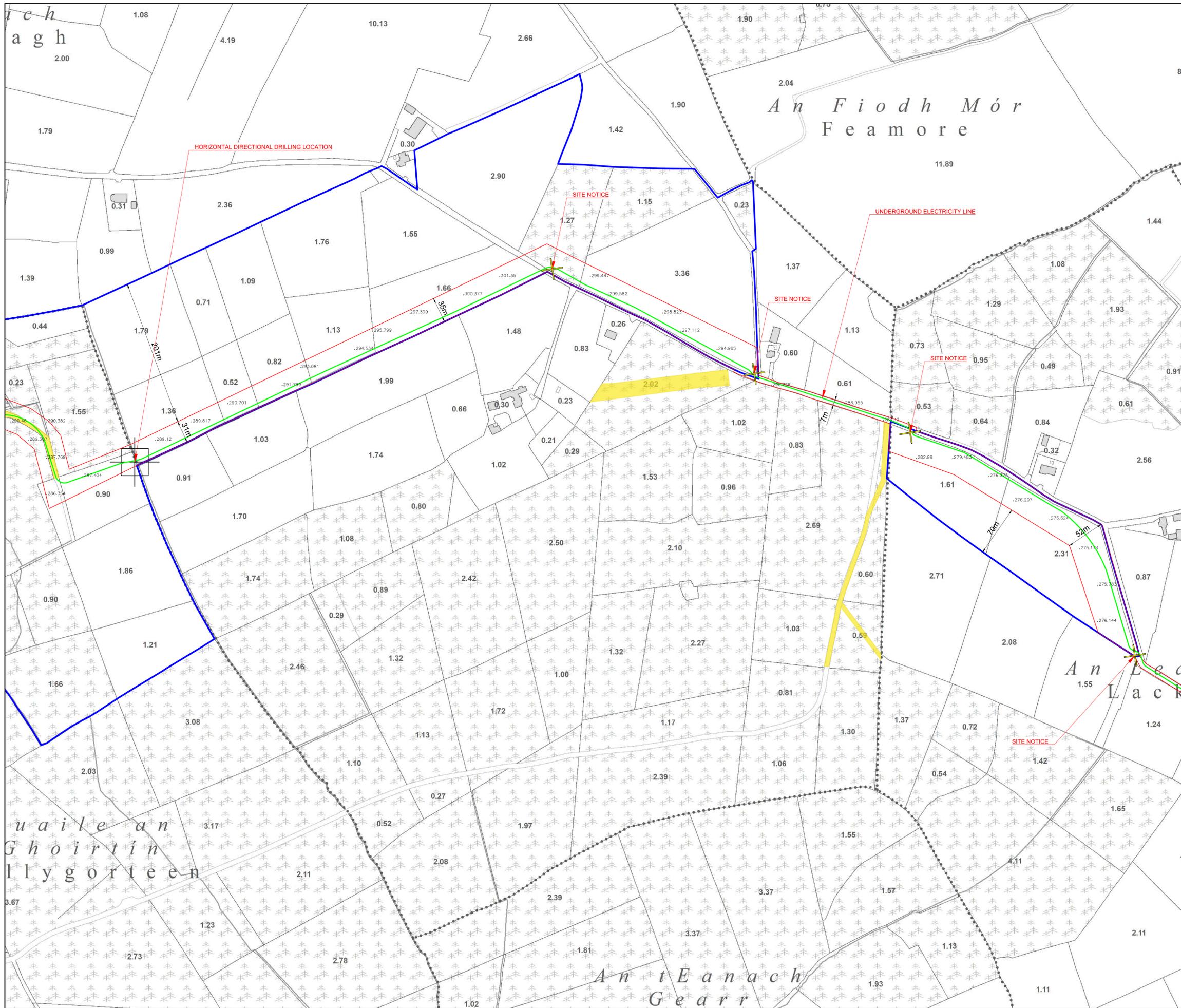
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**Client:** WHITE HILL WIND LIMITED

**Job Title:** White Hill Wind Farm Electricity Substation & Electricity Line  
**Drawing Title:**

**FIGURE 4.01: SITE LOCATION PLAN 1 OF 5  
(1:2,500)**

<b>Drawing No.</b> WHI001SS_PLAN_LOC-0.04	<b>Stage.</b> PLANNING	
<b>Scale:</b> (A1) 1:2500	<b>Date:</b> 04/03/2025	<b>Revision No.:</b> REV 02
<b>Drawn By:</b> EF	<b>Checked By:</b> JB	<b>Confirmed By:</b> SC



**LEGEND:**

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	PLANNING APPLICATION BOUNDARY
	UNDERGROUND ELECTRICITY LINE
	EXISTING WAYLEAVE
	SPOT HEIGHT

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Prepared By:



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Client: **WHITE HILL WIND LIMITED**

Job Title: **White Hill Wind Farm Electricity Substation & Electricity Line**

Drawing Title: **FIGURE 4.02: SITE LOCATION PLAN 2 OF 5 (1:2,500)**

Drawing No. WHI001SS_PLAN_LOC-0.05	Stage. PLANNING
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Scale: (A1) 1:2500	Date: 04/03/2025	Revision No.: REV 02
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Drawn By: EF	Checked By: JB	Confirmed By: SC
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**LEGEND:**

	LANDOWNERSHIP BOUNDARY
	PLANNING APPLICATION BOUNDARY
	UNDERGROUND ELECTRICITY LINE
	EXISTING WAYLEAVE
	SPOT HEIGHT

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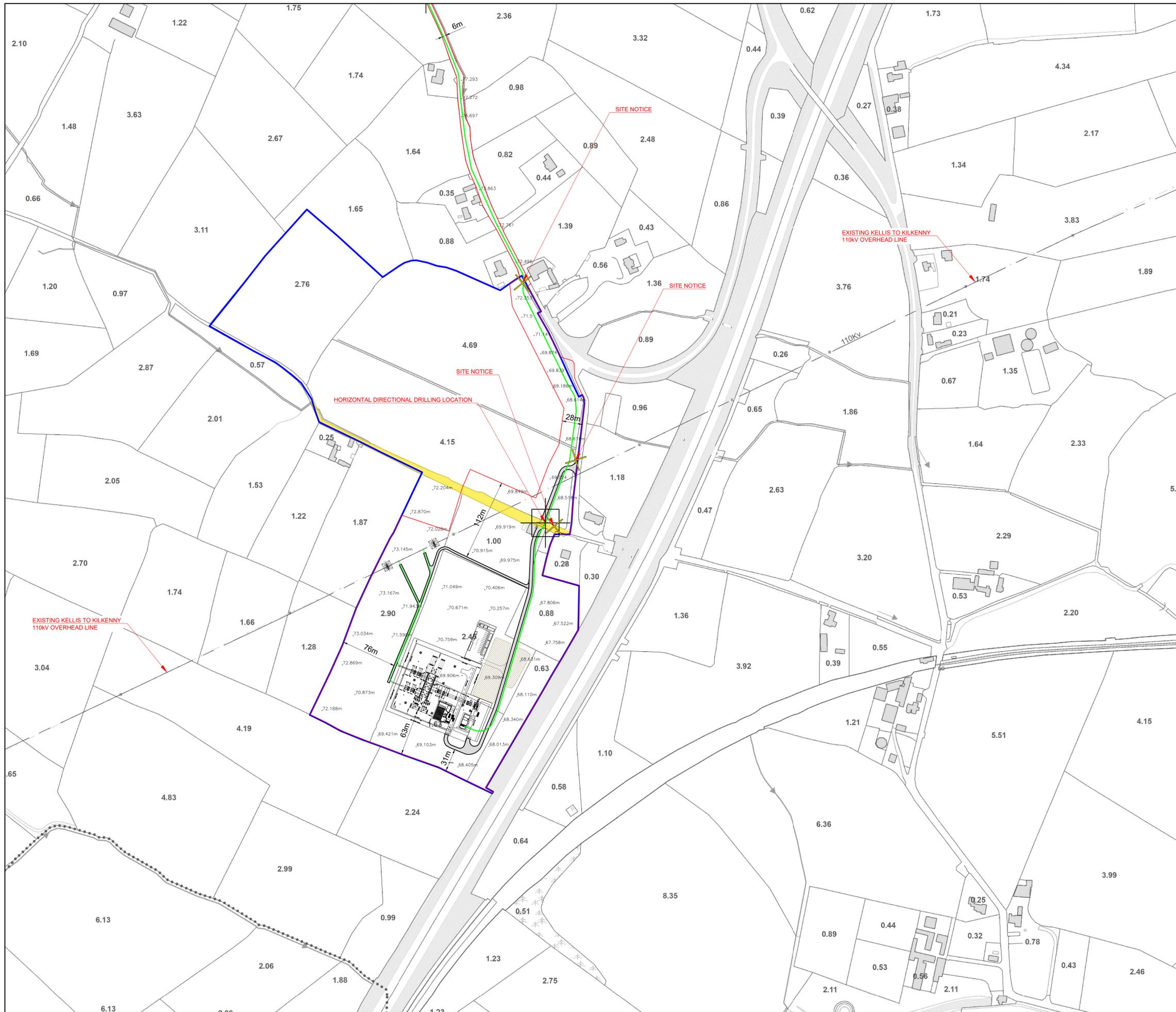
Client: **WHITE HILL WIND LIMITED**

Job Title: **White Hill Wind Farm Electricity Substation & Electricity Line**

Drawing Title: **FIGURE 4.03: SITE LOCATION PLAN 3 OF 5 (1:2,500)**

Drawing No. WHI001SS_PLAN_LOC-0.06	Stage. PLANNING	
Scale: (A1) 1:2500	Date: 04/03/2025	Revision No.: REV 02
Drawn By: EF	Checked By: JB	Confirmed By: SC





- LEGEND:**
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  - PLANNING APPLICATION BOUNDARY
  - UNDERGROUND ELECTRICITY LINE
  - EXISTING WAYLEAVE
  - EXISTING OVERHEAD LINE
  - SECURITY PALISADE FENCE
  - ACCESS TRACKS
  - SOIL DEPOSITION AREAS
  - 48.559 SPOT HEIGHT

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Client: **WHITE HILL WIND LIMITED**

Job Title: **White Hill Wind Farm Electricity Substation & Electricity Line**

Drawing Title: **FIGURE 4.05: SITE LOCATION PLAN 5 OF 5 (1:2,500)**

Drawing No. WHI001SS_PLAN_LOC-0.08	Stage. PLANNING	
Scale: (A1) 1:2500	Date: 04/03/2025	Revision No.: REV 02
Drawn By: EF	Checked By: JB	Confirmed By: SC



- LEGEND:**
- LANDOWNERSHIP BOUNDARY
  - PLANNING APPLICATION BOUNDARY
  - UNDERGROUND ELECTRICITY LINE
  - - - PROPOSED WATER CONNECTION
  - SECURITY PALISADE FENCE
  - - - STOCK-PROOF FENCING
  - ACCESS GATES
  - ▬▬▬ FLOATED ACCESS TRACK
  - ▬▬▬ ACCESS TRACKS
  - ▭ SOIL DEPOSITION AREAS
  - + SPOT HEIGHT
  - + PROPOSED BORED WELL

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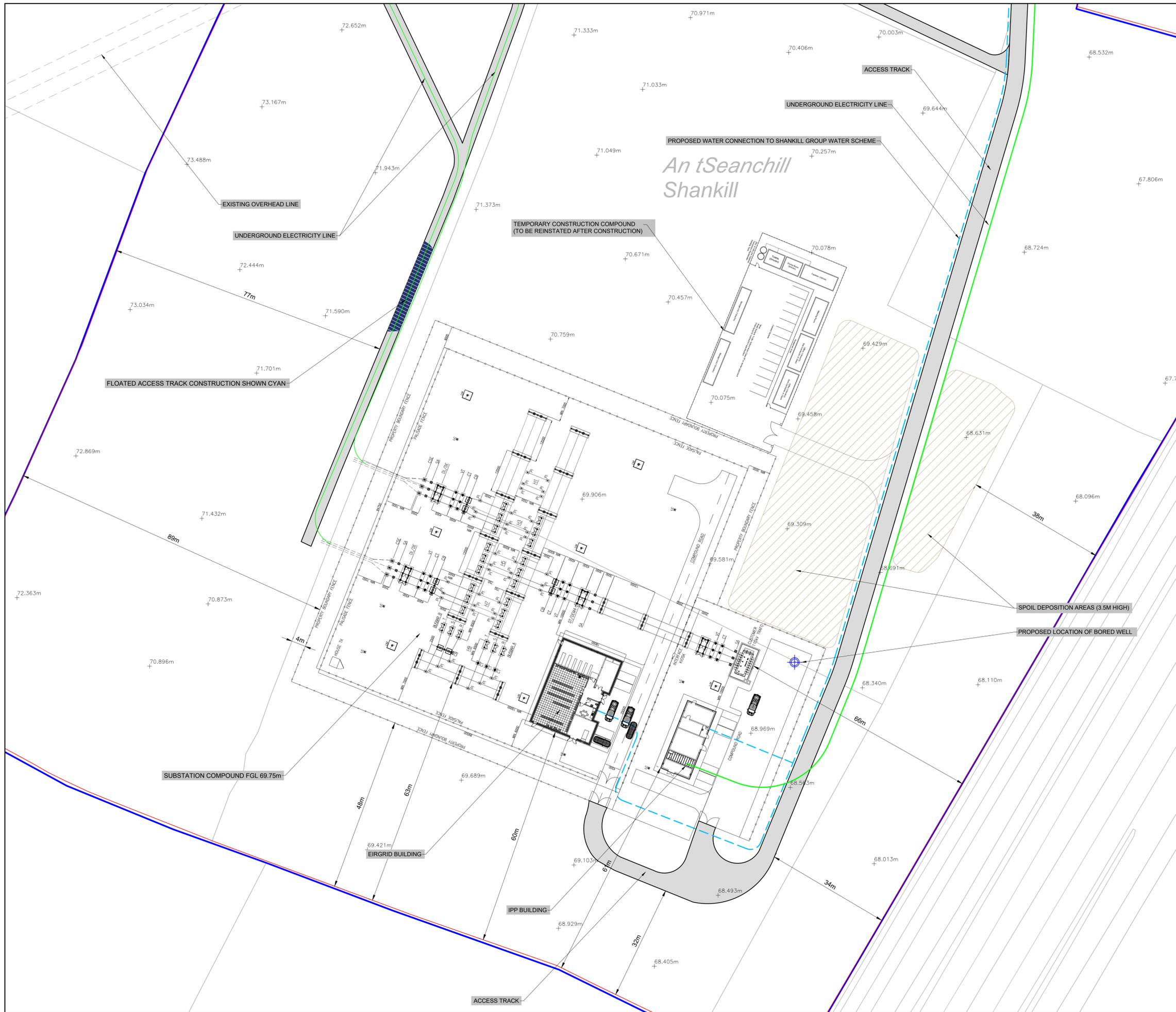
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Client: **WHITE HILL WIND LIMITED**

Job Title: **White Hill Wind Farm Electricity Substation & Electricity Line**

Drawing Title: **FIGURE 5.01: SITE LAYOUT PLAN**

Drawing No. WHI001SS_PLAN_LAY-0.01	Stage. PLANNING	
Scale: (A1) 1:1000	Date: 04/03/2025	Revision No.: REV 02
Drawn By: EF	Checked By: JB	Confirmed By: SC



- LEGEND:**
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  - PROPOSED WATER CONNECTION
  - SECURITY PALISADE FENCE
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  - ACCESS GATES
  - FLOATED ACCESS TRACK
  - ACCESS TRACKS
  - SOIL DEPOSITION AREAS
  - + SPOT HEIGHT
  - + PROPOSED BORED WELL

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Prepared By:



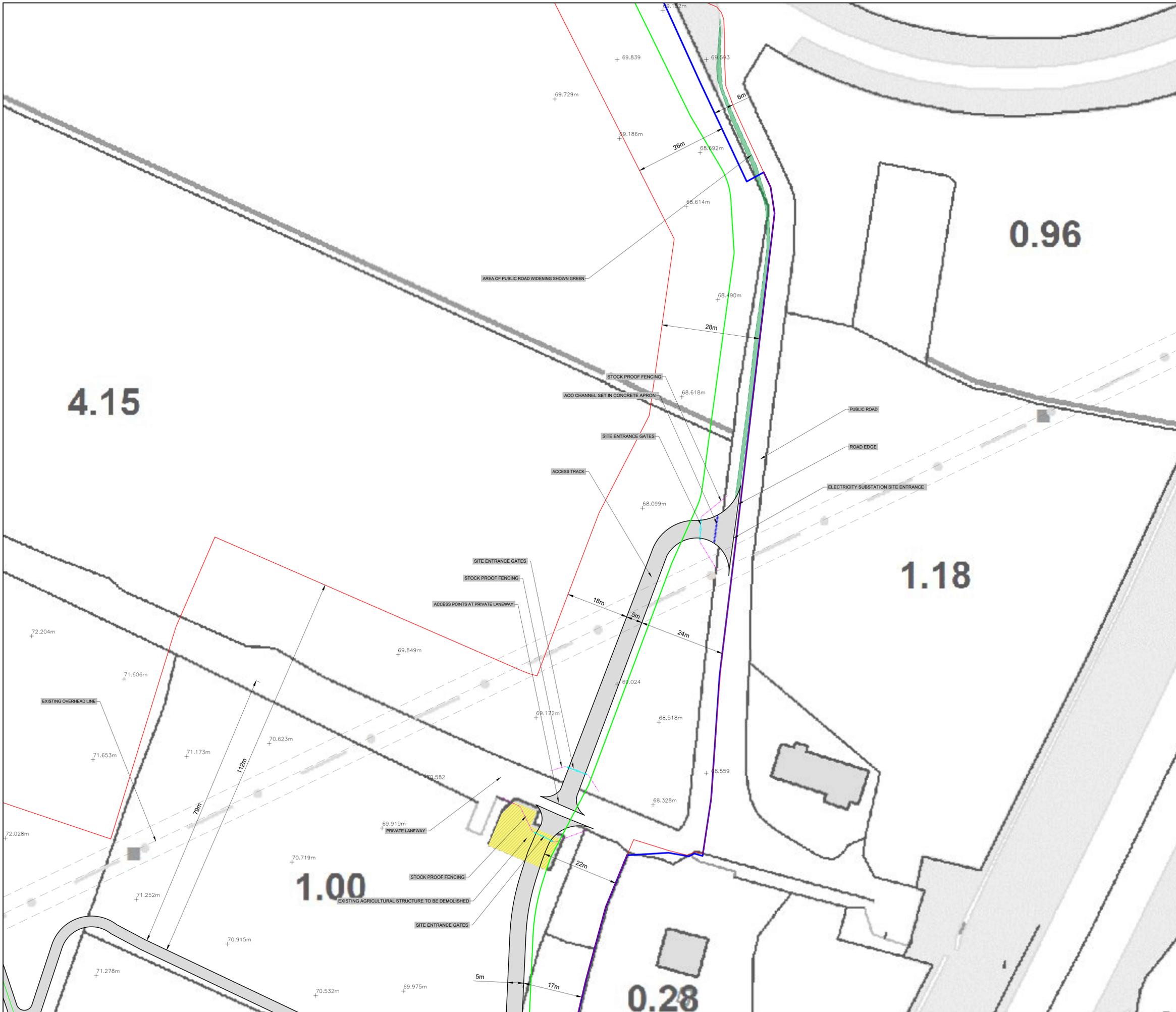
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Client: **WHITE HILL WIND LIMITED**

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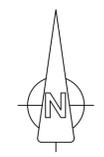
Drawing Title: **FIGURE 5.02: ELECTRICITY SUBSTATION LAYOUT PLAN (1:500)**

Drawing No. WHI001SS_PLAN_LAY-0.02	Stage. PLANNING	
Scale: (A1) 1:500	Date: 04/03/2025	Revision No.: REV 02
Drawn By: EF	Checked By: JB	Confirmed By: SC



- LEGEND:**
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  - PLANNING APPLICATION BOUNDARY
  - UNDERGROUND ELECTRICITY LINE
  - STOCK-PROOF FENCING
  - ACCESS GATES
  - +-----+ ACO CHANNEL
  - ACCESS TRACKS
  - + SPOT HEIGHT

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**Client:** WHITE HILL WIND LIMITED

**Job Title:** White Hill Wind Farm Electricity Substation & Electricity Line

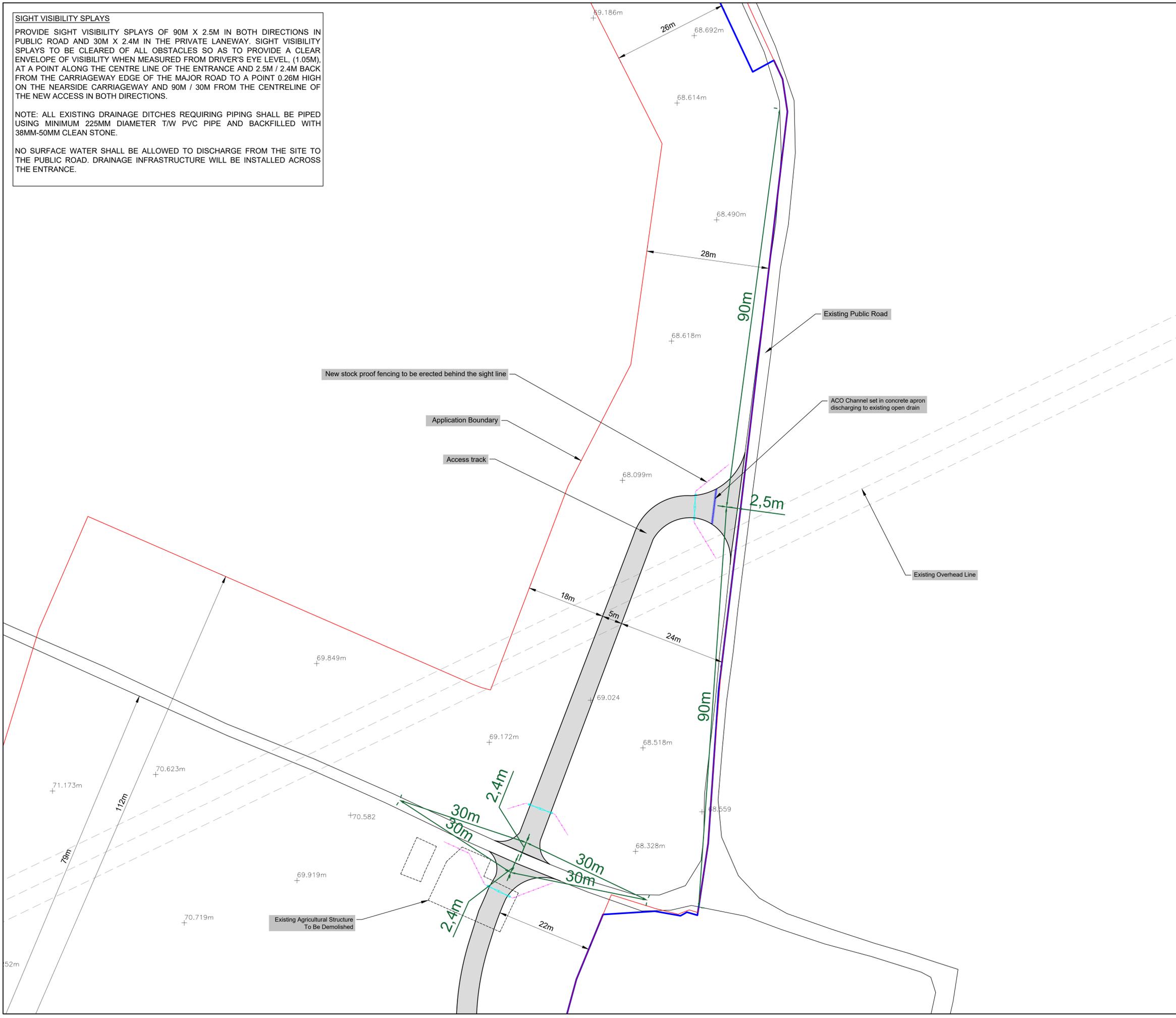
**Drawing Title:** FIGURE 5.03: ELECTRICITY SUBSTATION ENTRANCE (1:500)

<b>Drawing No.</b> WHI001SS_PLAN_LAY-0.03	<b>Stage.</b> PLANNING
<b>Scale:</b> (A1) 1:500	<b>Date:</b> 04/03/2025
<b>Drawn By:</b> EF	<b>Checked By:</b> JB
<b>Revision No.:</b> REV 02	<b>Confirmed By:</b> SC

**SIGHT VISIBILITY SPLAYS**  
 PROVIDE SIGHT VISIBILITY SPLAYS OF 90M X 2.5M IN BOTH DIRECTIONS IN PUBLIC ROAD AND 30M X 2.4M IN THE PRIVATE LANEWAY. SIGHT VISIBILITY SPLAYS TO BE CLEARED OF ALL OBSTACLES SO AS TO PROVIDE A CLEAR ENVELOPE OF VISIBILITY WHEN MEASURED FROM DRIVER'S EYE LEVEL, (1.05M), AT A POINT ALONG THE CENTRE LINE OF THE ENTRANCE AND 2.5M / 2.4M BACK FROM THE CARRIAGEWAY EDGE OF THE MAJOR ROAD TO A POINT 0.26M HIGH ON THE NEAR SIDE CARRIAGEWAY AND 90M / 30M FROM THE CENTRELINE OF THE NEW ACCESS IN BOTH DIRECTIONS.

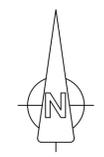
**NOTE:** ALL EXISTING DRAINAGE DITCHES REQUIRING PIPING SHALL BE PIPED USING MINIMUM 225MM DIAMETER T/W PVC PIPE AND BACKFILLED WITH 38MM-50MM CLEAN STONE.

NO SURFACE WATER SHALL BE ALLOWED TO DISCHARGE FROM THE SITE TO THE PUBLIC ROAD. DRAINAGE INFRASTRUCTURE WILL BE INSTALLED ACROSS THE ENTRANCE.



- LEGEND:**
- LANDOWNERSHIP BOUNDARY
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  - ACCESS GATES
  - - - - - ACO CHANNEL
  - ACCESS TRACKS
  - + SPOT HEIGHT
  - VISIBILITY SPLAYS

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Date:	Rev:	Description:	Drawn By:

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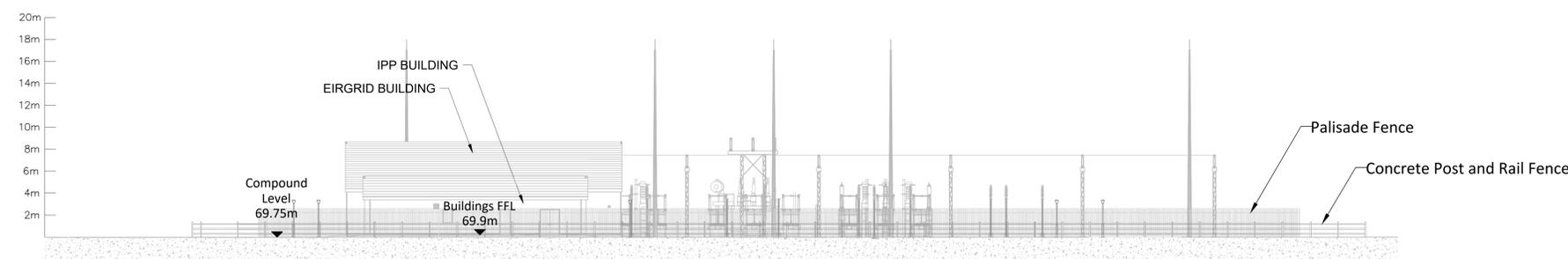
Client: **WHITE HILL WIND LIMITED**

Job Title:  
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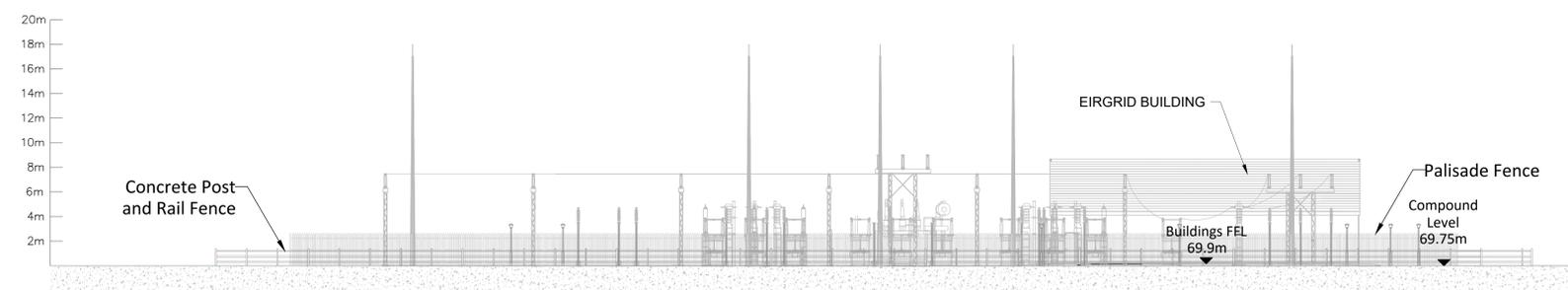
Drawing Title:  
**FIGURE 5.04: ELECTRICITY SUBSTATION ENTRANCE DETAIL (1:400)**

Drawing No. WHI001SS_PLAN_LAY-0.04	Stage. PLANNING
Scale: (A1) 1:400	Date: 04/03/2025
Drawn By: EF	Checked By: JB
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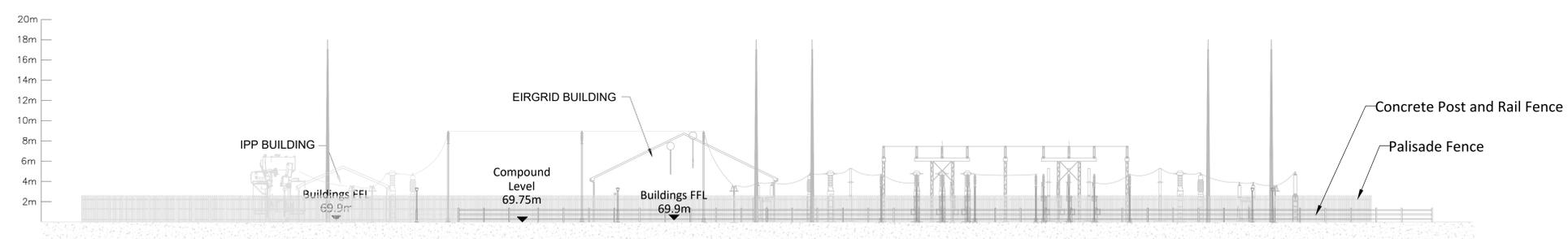
PLEASE NOTE THAT THE COMPONENTS ILLUSTRATED ON THIS DRAWING ARE INDICATIVE ONLY. THE PRECISE SPECIFICATION AND DETAIL WILL BE DETERMINED FROM THE ELECTRICAL EQUIPMENT SUPPLIER, ESB FUNCTIONAL SPECIFICATION AND EIRGRID FUNCTIONAL SPECIFICATION



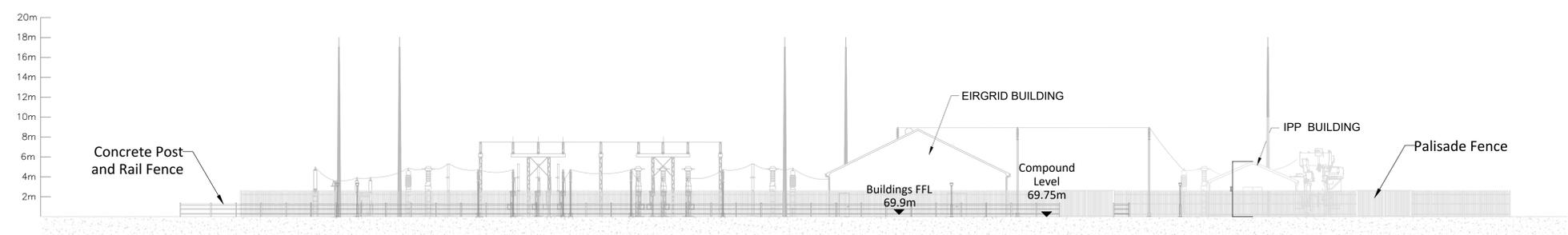
ELEVATION A



ELEVATION B



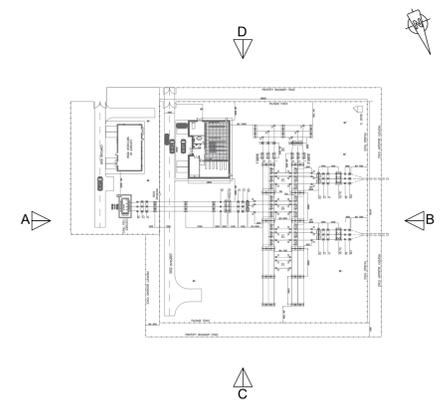
ELEVATION C



ELEVATION D

**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:

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Client: **WHITE HILL WIND LIMITED**

Job Title: **White Hill Wind Farm Electricity Substation & Electricity Line**

Drawing Title: **FIGURE 5.05: TYPICAL SUBSTATION COMPOUND ELEVATIONS (1:500)**

Drawing No. WHI001SS_PLAN_LAY-0.05	Stage. PLANNING	
Scale: (A0) 1:200	Date: 08/01/2025	Revision No.: REV 00
Drawn By: EF	Checked By: JB	Confirmed By: SC



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  - ||||| ACO CHANNEL
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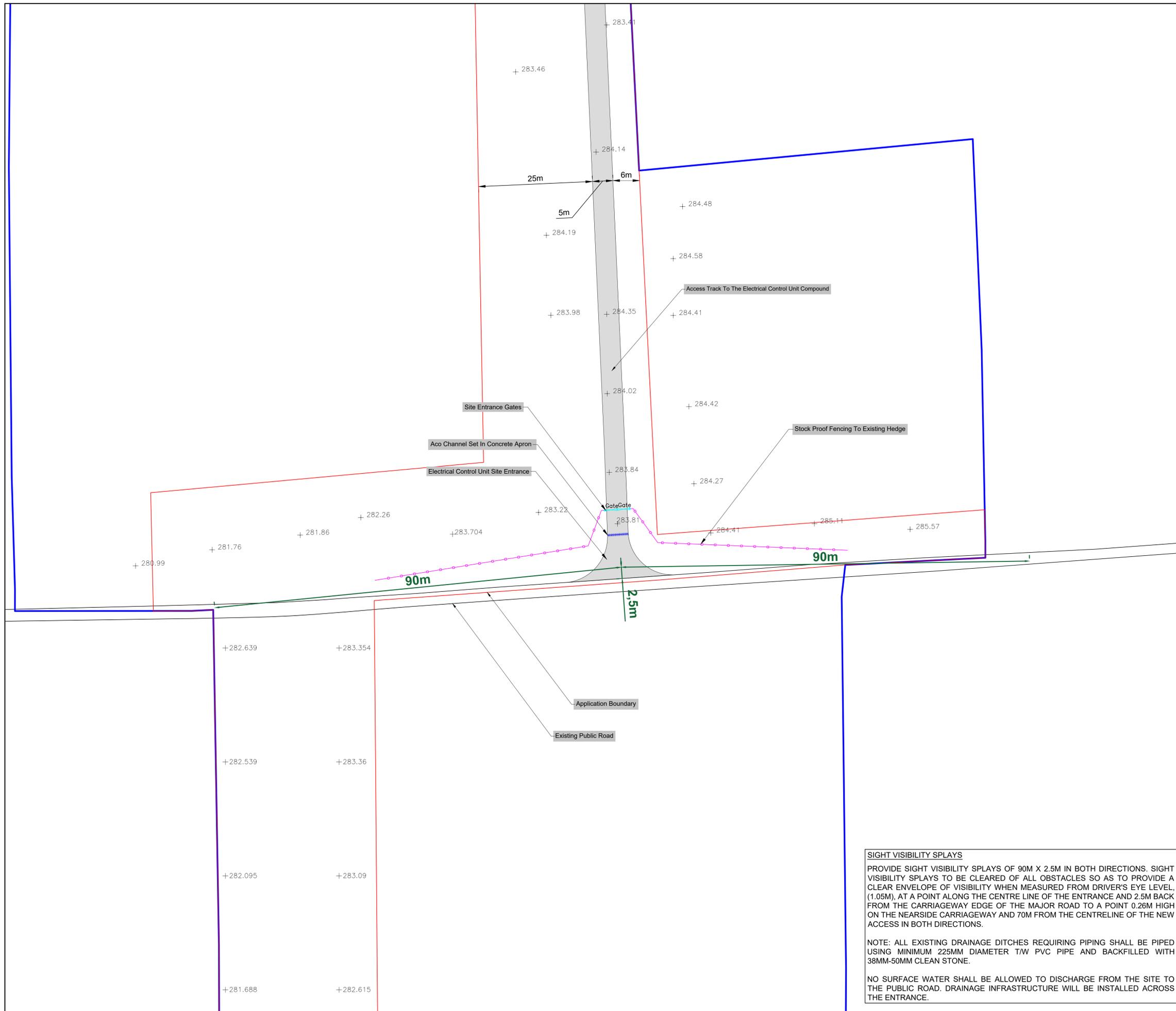
Drawing Title:

**FIGURE 6.01: ELECTRICAL CONTROL UNIT COMPOUND LAYOUT**

Drawing No.	Stage.
WHI001SS_PLAN_LAY-0.06	PLANNING

Scale:	Date:	Revision No.:
(A1) 1:500	04/03/2025	REV 02

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



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  - ▨ ACO CHANNEL
  - ▬ ACCESS TRACKS
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  - VISIBILITY SPLAYS

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  2. ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED.
  3. DIMENSIONS MAY VARY DEPENDING ON SITE CONDITIONS.



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Date	Rev.	Description	Drawn By

Prepared By:



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Client: **WHITE HILL WIND LIMITED**

Job Title: **White Hill Wind Farm Electricity Substation & Electricity Line**

Drawing Title: **FIGURE 6.02: ELECTRICAL CONTROL UNIT ENTRANCE DETAIL**

Drawing No. **WHI001SS\_PLAN\_LAY-0.07** Stage: **PLANNING**

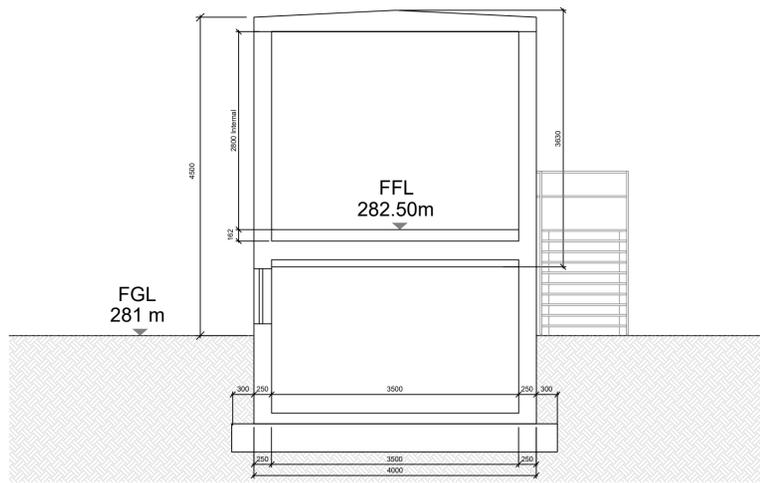
Scale: **(A1) 1:400** Date: **04/03/2025** Revision No.: **REV 02**

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

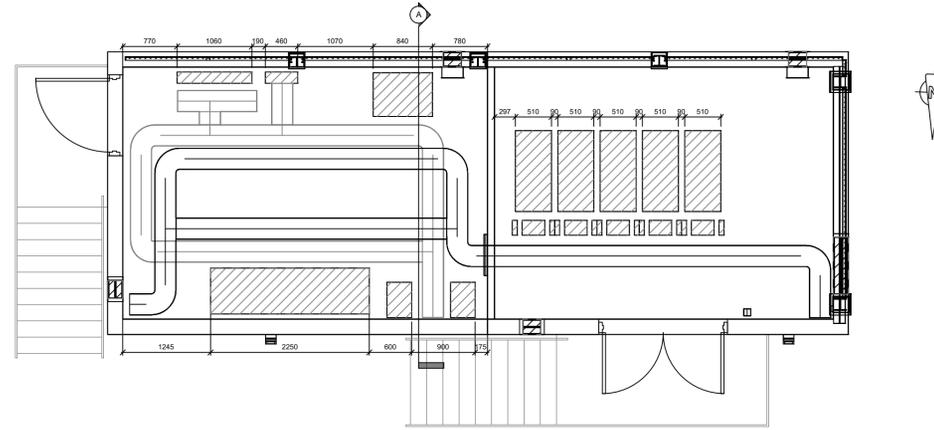
**SIGHT VISIBILITY SPLAYS**  
 PROVIDE SIGHT VISIBILITY SPLAYS OF 90M X 2.5M IN BOTH DIRECTIONS. SIGHT VISIBILITY SPLAYS TO BE CLEARED OF ALL OBSTACLES SO AS TO PROVIDE A CLEAR ENVELOPE OF VISIBILITY WHEN MEASURED FROM DRIVER'S EYE LEVEL, (1.05M), AT A POINT ALONG THE CENTRE LINE OF THE ENTRANCE AND 2.5M BACK FROM THE CARRIAGEWAY EDGE OF THE MAJOR ROAD TO A POINT 0.26M HIGH ON THE NEAR-SIDE CARRIAGEWAY AND 70M FROM THE CENTRELINE OF THE NEW ACCESS IN BOTH DIRECTIONS.

NOTE: ALL EXISTING DRAINAGE DITCHES REQUIRING PIPING SHALL BE PIPED USING MINIMUM 225MM DIAMETER T/W PVC PIPE AND BACKFILLED WITH 38MM-50MM CLEAN STONE.

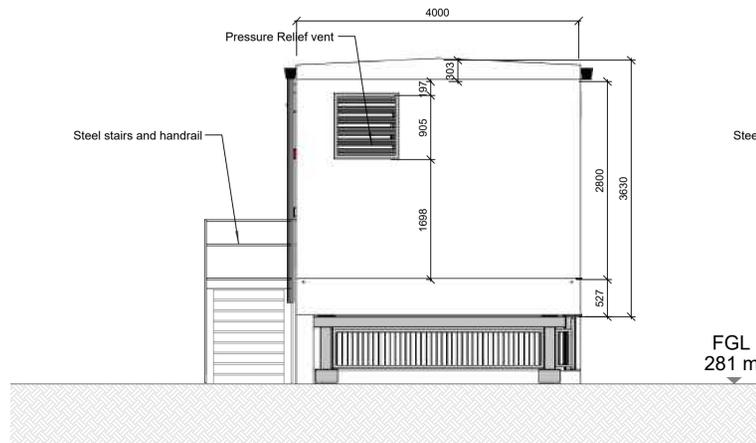
NO SURFACE WATER SHALL BE ALLOWED TO DISCHARGE FROM THE SITE TO THE PUBLIC ROAD. DRAINAGE INFRASTRUCTURE WILL BE INSTALLED ACROSS THE ENTRANCE.



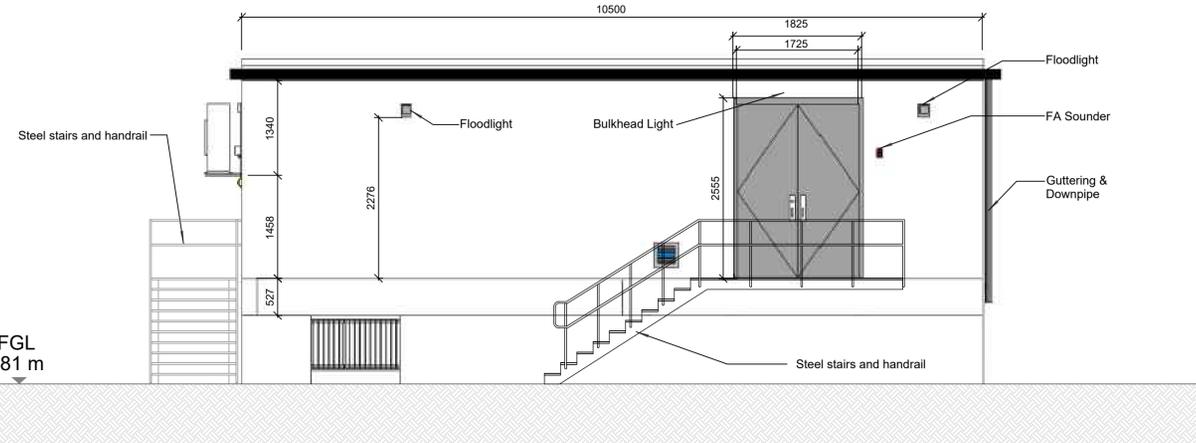
SECTION A-A  
Scale 1:50



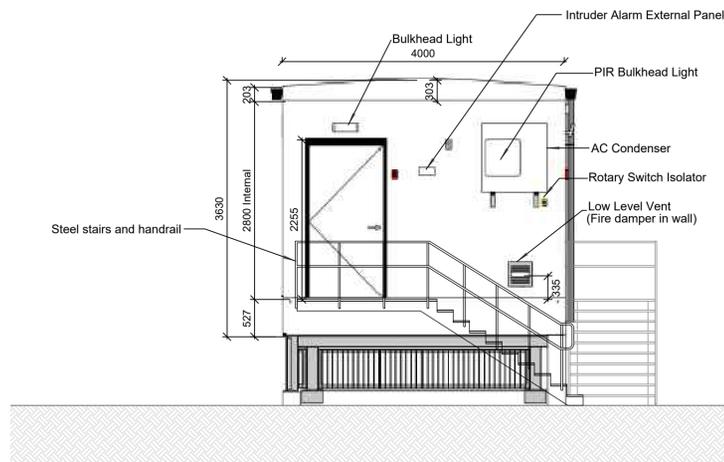
PLAN VIEW  
Scale 1:50



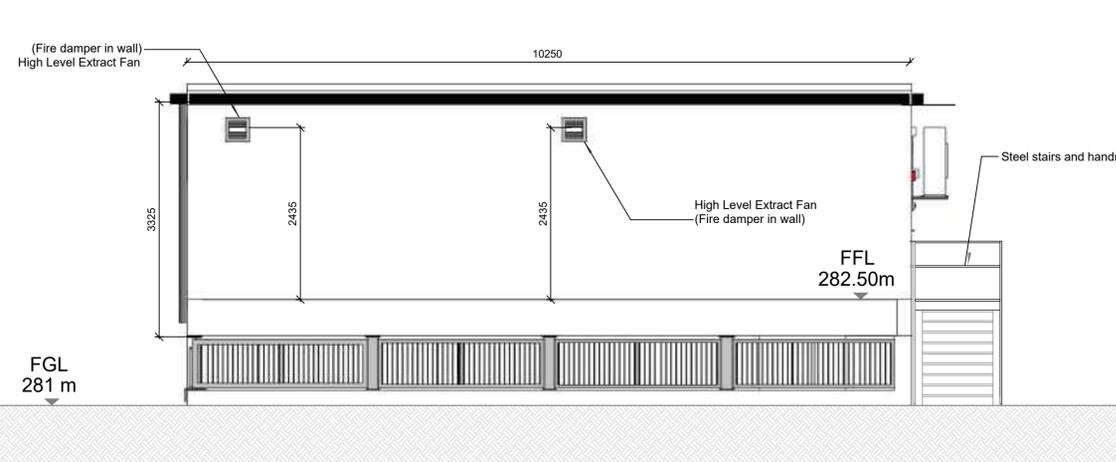
EAST ELEVATION  
Scale 1:50



NORTH ELEVATION  
Scale 1:50



EAST ELEVATION  
Scale 1:50



SOUTH ELEVATION  
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:



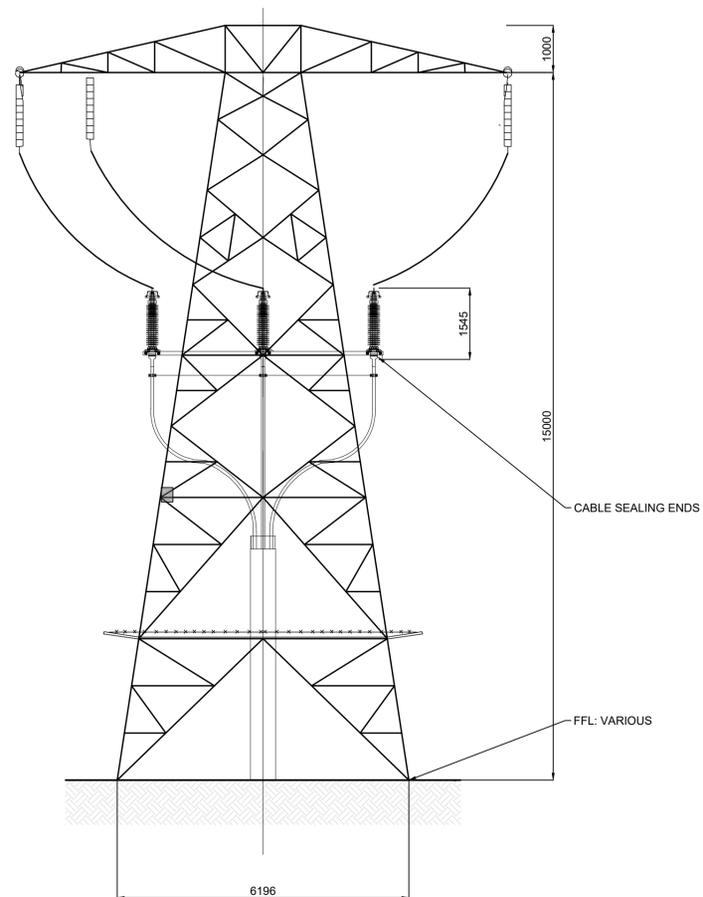
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Client: **WHITE HILL WIND LIMITED**

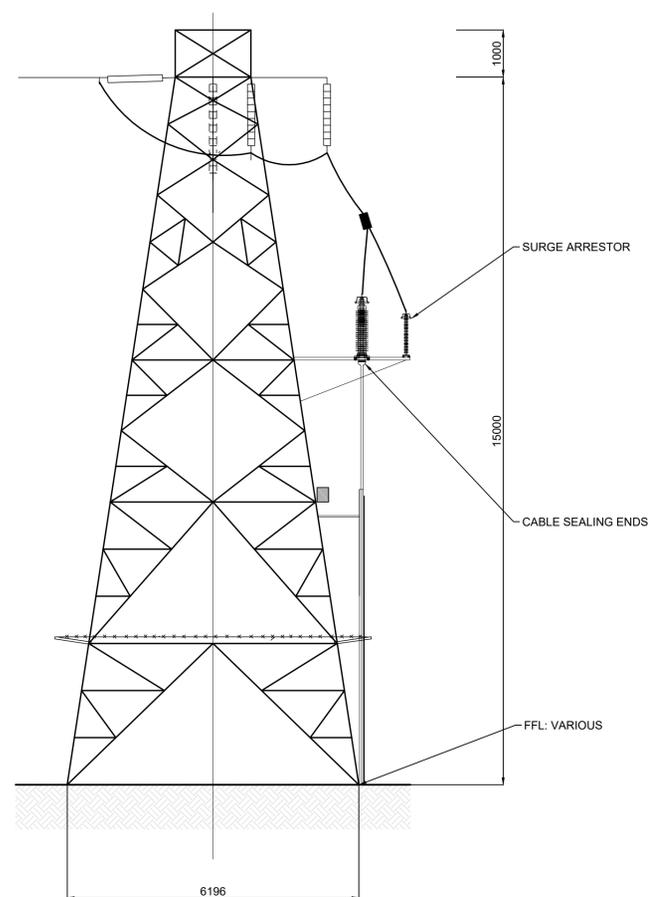
Job Title: **White Hill Wind Farm Electricity Substation & Electricity Line**

Drawing Title: **FIGURE 6.03: TYPICAL ELECTRICAL CONTROL UNIT PLAN / ELEVATIONS / SECTIONS**

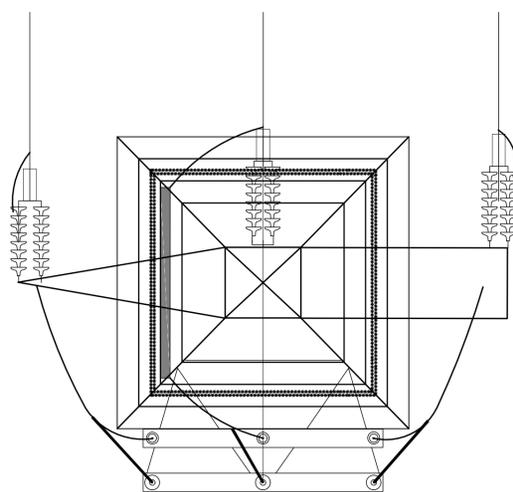
Drawing No. WHI001SS_PLAN_LAY-0.08	Stage. PLANNING	
Scale: (A1) 1:50	Date: 08/01/2025	Revision No.: REV 00
Drawn By: EF	Checked By: JB	Confirmed By: SC



FRONT ELEVATION  
Scale 1:75



SIDE ELEVATION  
Scale 1:75



PLAN VIEW  
Scale 1:75

**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.
4. Depending on the precise specifications of the interface masts to be installed, the overall maximum height may range between 15m and 18m.

Date:	Rev.:	Description:	Drawn By:

Prepared By:



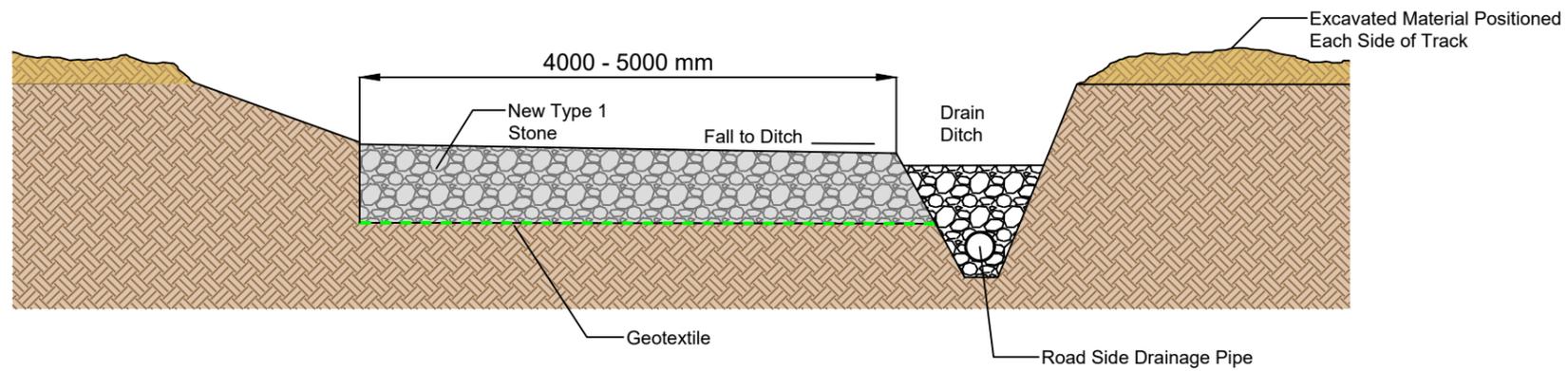
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Client: **WHITE HILL WIND LIMITED**

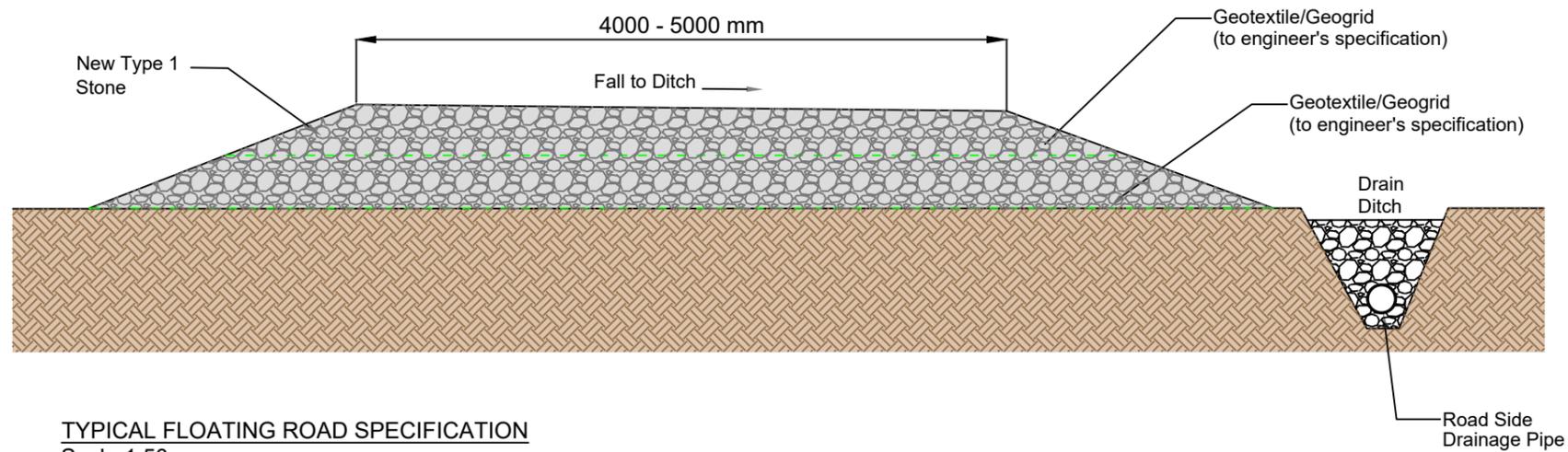
Job Title: **White Hill Wind Farm Electricity Substation & Electricity Line**

Drawing Title: **FIGURE 7.01: TYPICAL INTERFACE MAST**

Drawing No. WHI001SS_PLAN_GA-0.01	Stage. PLANNING
Scale: (A1) 1:75	Date: 08/01/2025
Revision No.: REV 00	Checked By: JB
Drawn By: EF	Confirmed By: SC



**GENERAL CROSS SECTION**  
Scale 1:50



**TYPICAL FLOATING ROAD SPECIFICATION**  
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:

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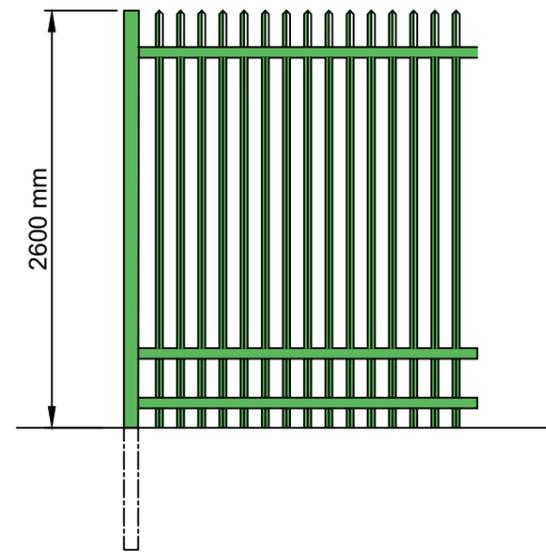
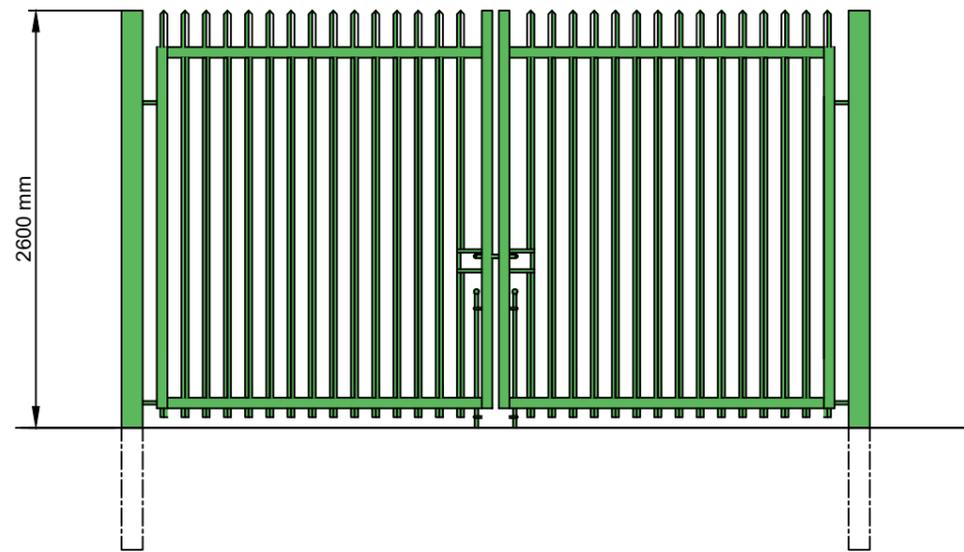
Client: **WHITE HILL WIND LIMITED**

Job Title: **White Hill Wind Farm Electricity Substation & Electricity Line**

Drawing Title:

**FIGURE 7.02: TYPICAL ACCESS TRACK DETAIL**

Drawing No. WHI001SS_PLAN_GA-0.02	Stage. PLANNING
Scale. (A3) 1:50	Date. 08/01/2025
Revision No. REV 00	Checked By. JB
Drawn By. EF	Confirmed By. SC



SECURITY FENCE GATE DETAIL  
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:
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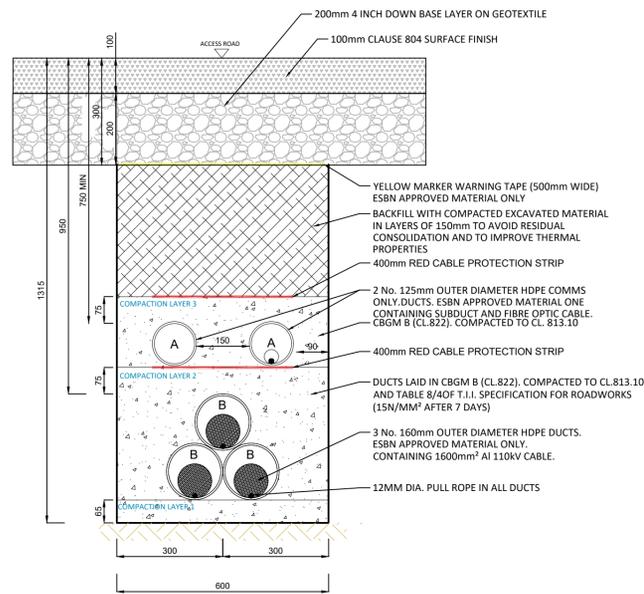
Client: **WHITE HILL WIND LIMITED**

Job Title: **White Hill Wind Farm Electricity Substation & Electricity Line**

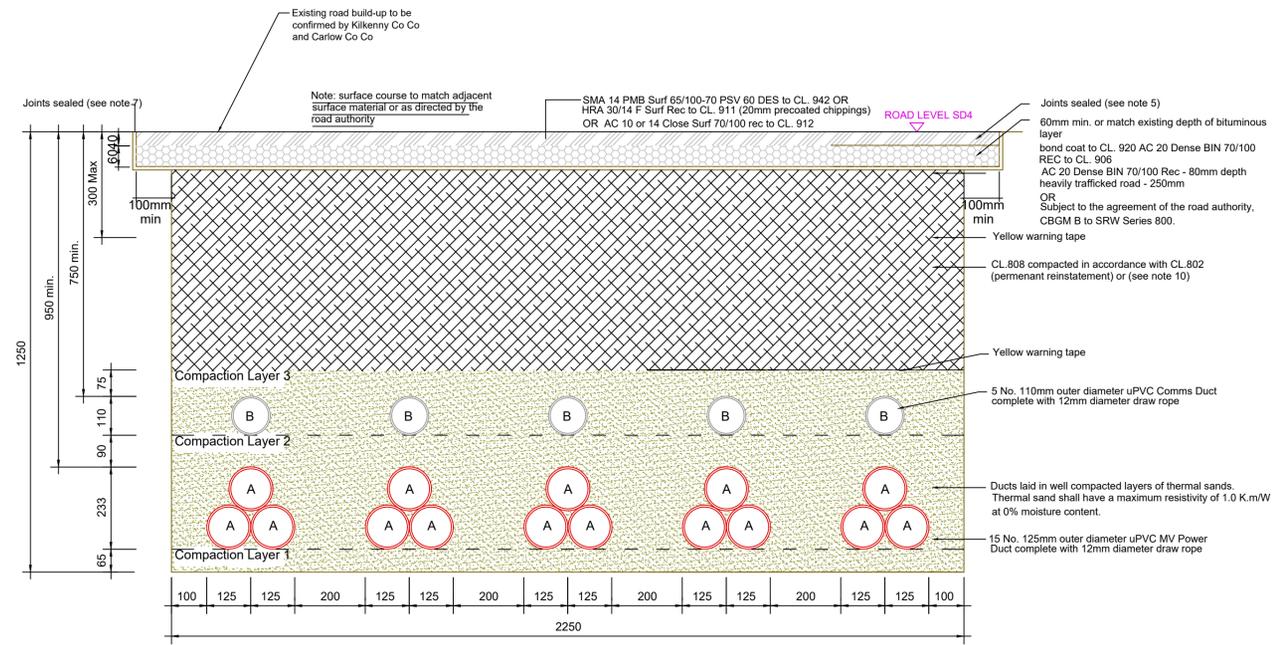
Drawing Title:

**FIGURE 7.03: TYPICAL PALISADE FENCE DETAIL**

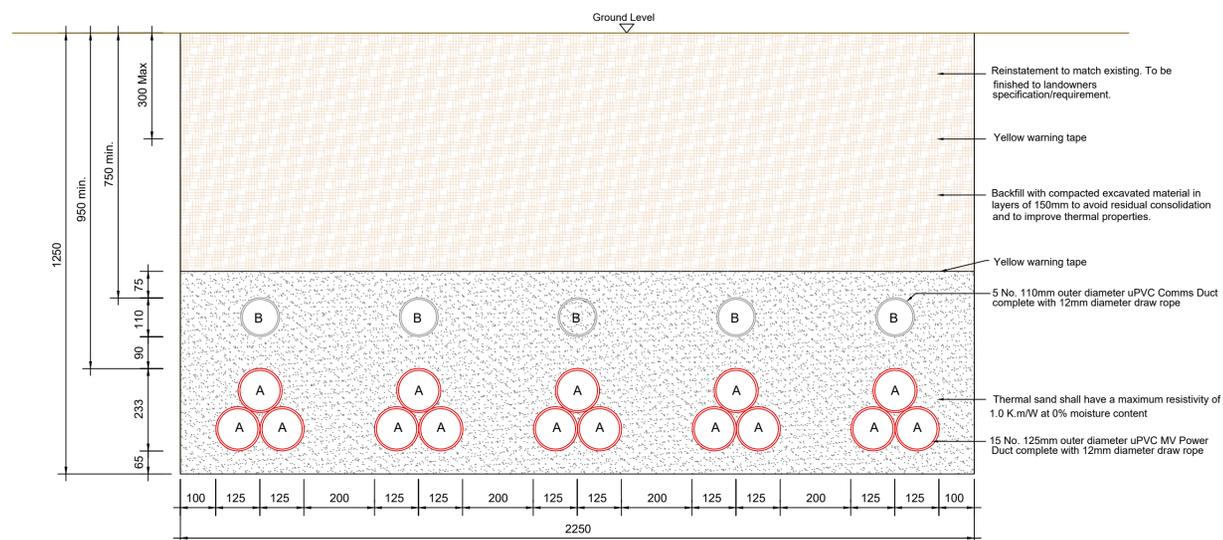
Drawing No. WHI001SS_PLAN_GA-0.03		Stage. PLANNING	
Scale: (A3) 1:50	Date: 08/01/2025	Revision No.: REV 00	
Drawn By: EF	Checked By: JB	Confirmed By: SC	



TYPICAL 110KV CABLE TRENCH DETAIL THROUGH ACCESS TRACKS SECTION  
Scale 1:10



MEDIUM VOLTAGE ELECTRICITY LINE TRENCH DETAIL THROUGH PUBLIC ROADWAY SECTION  
Scale 1:10



MEDIUM VOLTAGE ELECTRICITY LINE TRENCH DETAIL THROUGH OFF ROAD SECTION  
Scale 1:10

A = 125mm Outer Diameter Power Duct,  
B = 110mm Outer Diameter Comms Duct

**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

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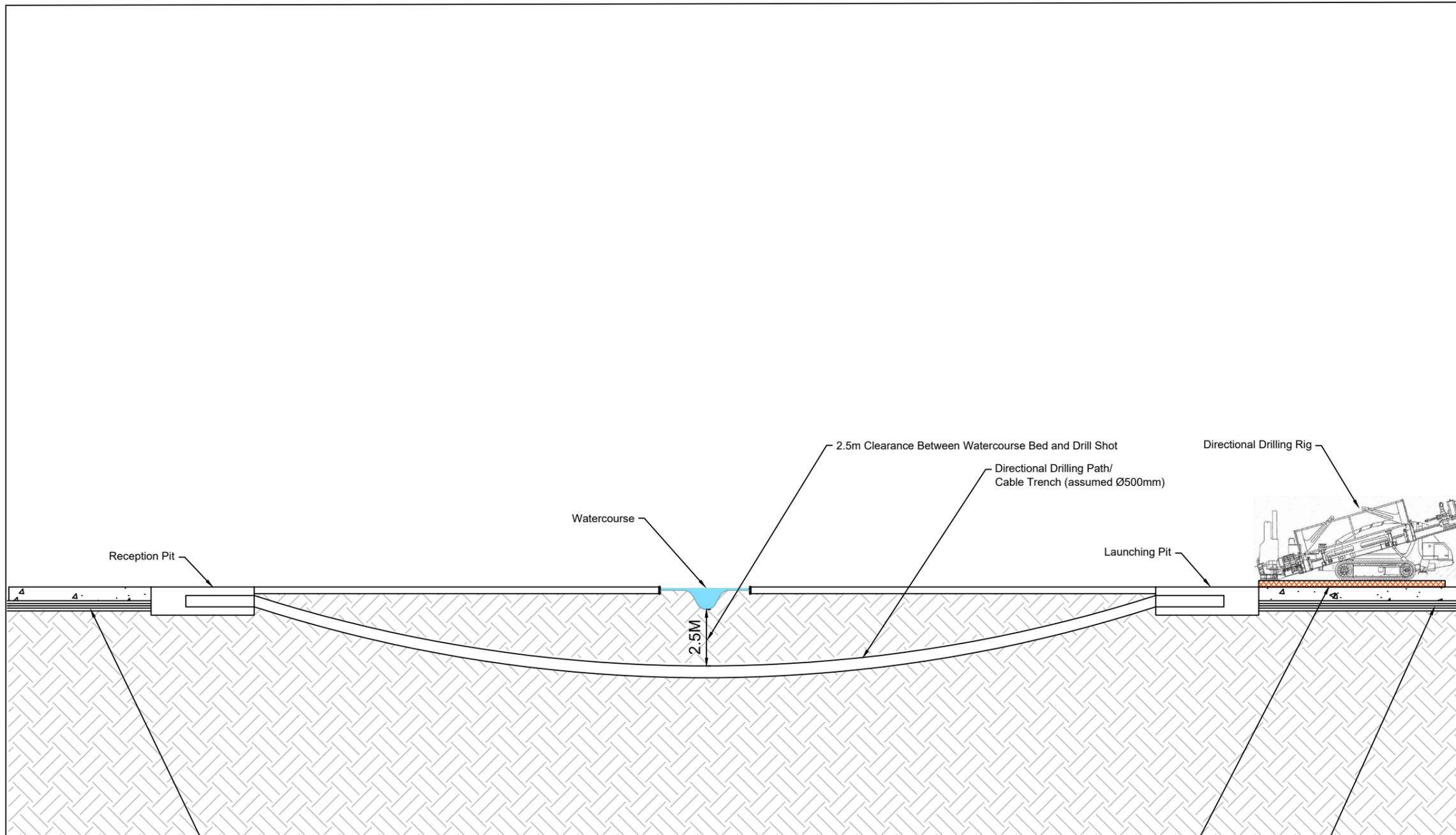
Client: **WHITE HILL WIND LIMITED**

Job Title: **White Hill Wind Farm Electricity Substation & Electricity Line**

Drawing Title:

**FIGURE 7.04: TYPICAL ELECTRICITY LINE TRENCH DETAIL**

Drawing No. WHI001SS_PLAN_GA-0.04	Stage. PLANNING	
Scale: (A1) 1:10	Date: 08/01/2025	Revision No.: REV 00
Drawn By: EF	Checked By: JB	Confirmed By: 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:



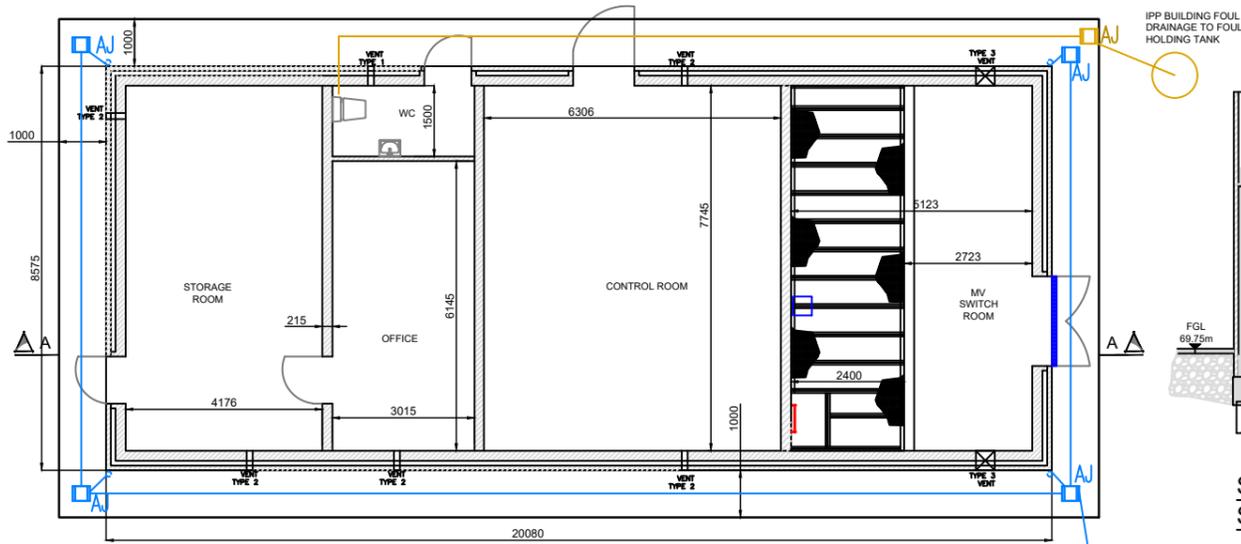
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www.galetechenergyservices.com

Client: **WHITE HILL WIND LIMITED**

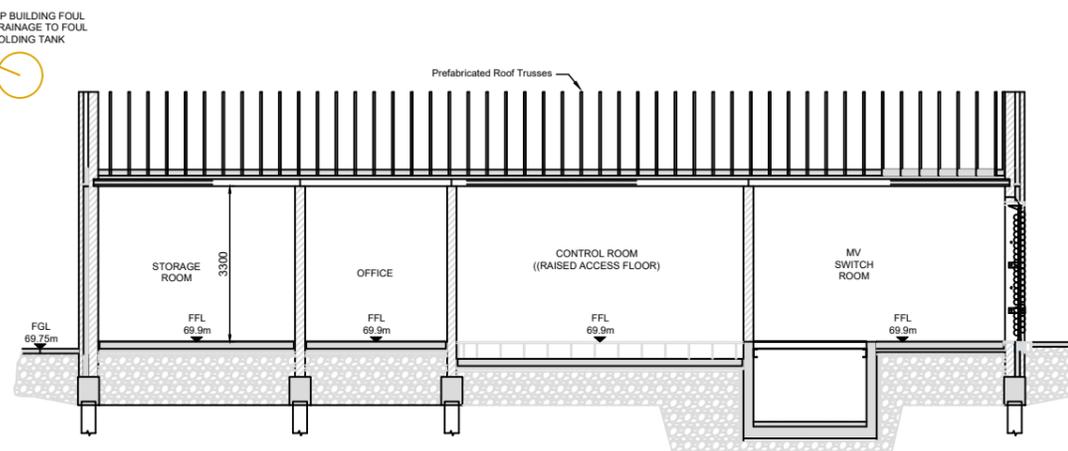
Job Title: **White Hill Wind Farm Electricity Substation & Electricity Line**

Drawing Title: **FIGURE 7.05: TYPICAL DIRECTIONAL DRILLING DETAIL**

Drawing No. WH1001SS_PLAN_GA-0.05		Stage. PLANNING
Scale: (A3) 1:200	Date: 08/01/2025	Revision No.: REV 00
Drawn By: EF	Checked By: JB	Confirmed By: SC



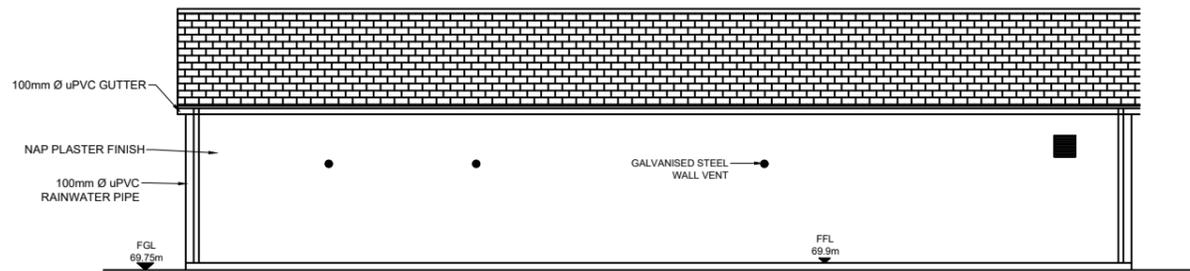
**GROUND FLOOR LAYOUT PLAN**  
Scale 1:150



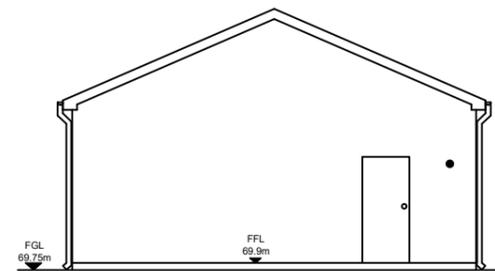
**SECTION A-A**  
Scale 1:150

**Notes:**

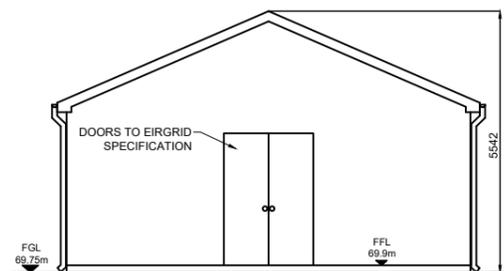
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2. All dimensions in millimetres unless otherwise stated.
3. Dimensions may vary depending on site conditions.



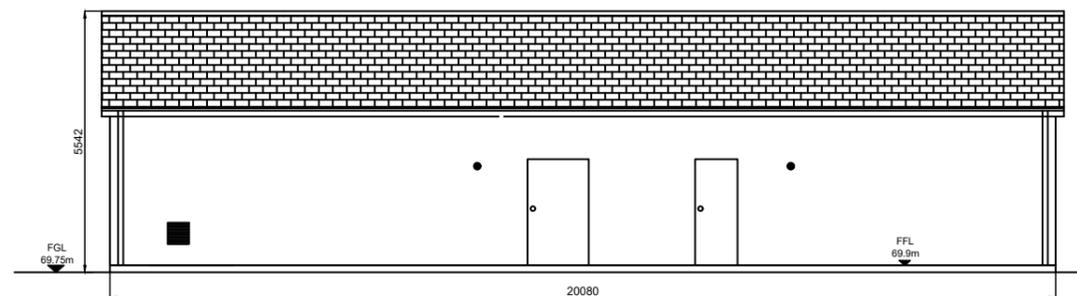
**WEST ELEVATION**  
Scale 1:150



**NORTH ELEVATION**  
Scale 1:150



**SOUTH ELEVATION**  
Scale 1:150



**EAST ELEVATION**  
Scale 1:150

Date:	Rev:	Description:	Drawn By:

Prepared By:

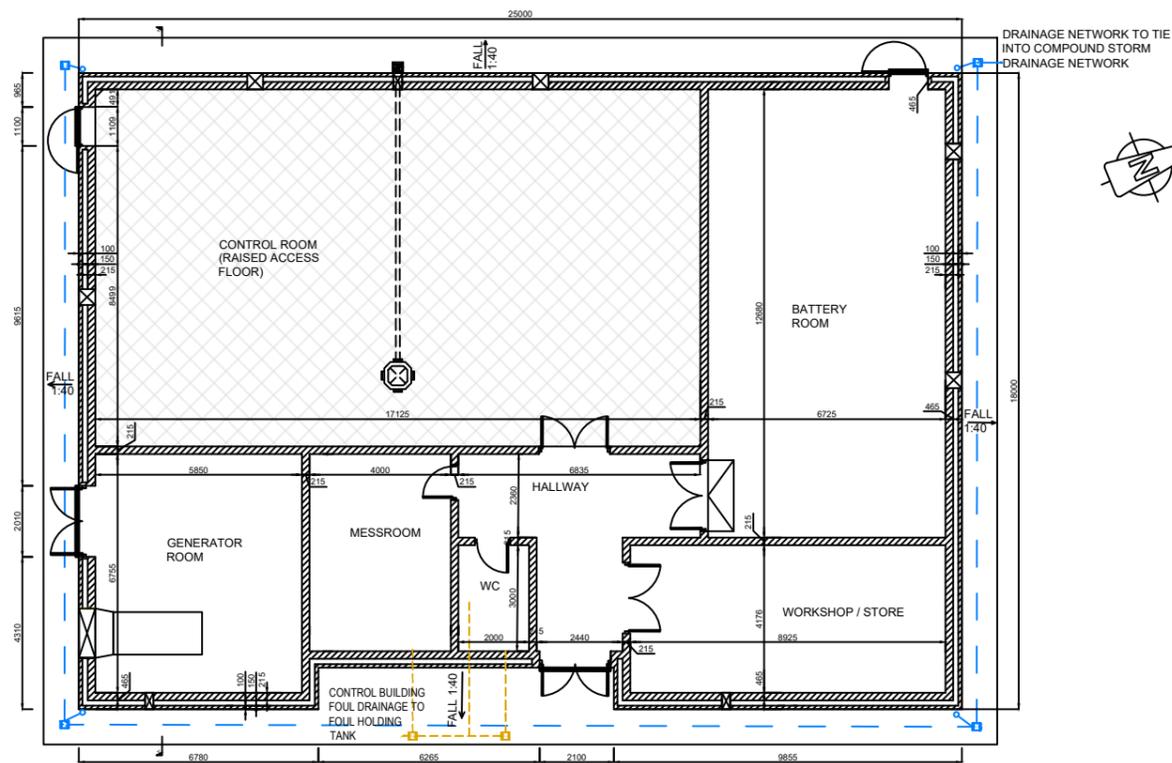
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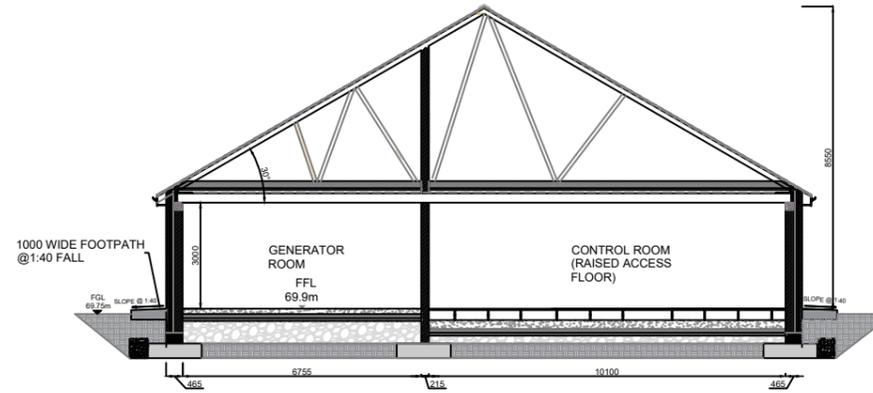
Job Title: **White Hill Wind Farm Electricity Substation & Electricity Line**

Drawing Title: **FIGURE 7.06: TYPICAL INDEPENDENT POWER PROVIDER BUILDING PLAN / ELEVATION / SECTIONS**

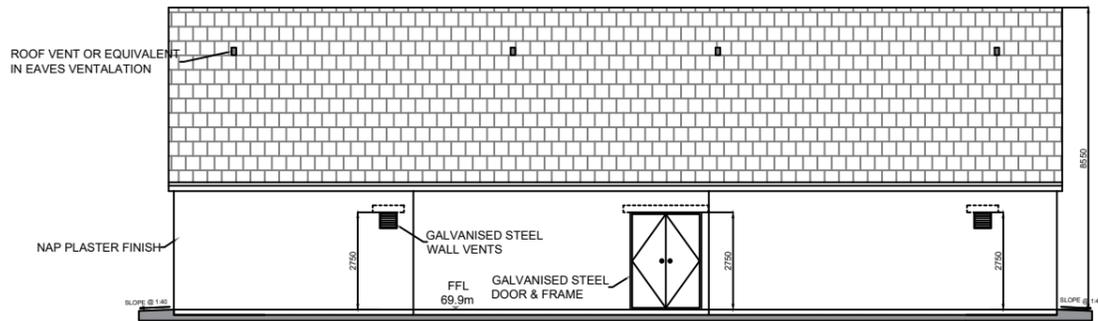
Drawing No. WH1001SS_PLAN_GA-0.06	Stage PLANNING	
Scale (A3) 1:150	Date 08/01/2025	Revision No. REV 00
Drawn By EF	Checked By JB	Confirmed By SC



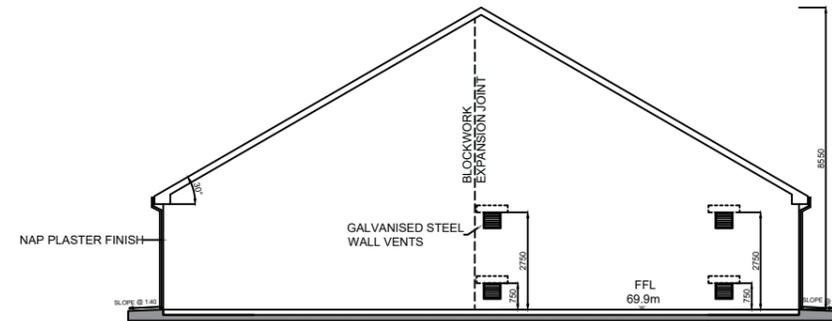
**GROUND FLOOR LAYOUT PLAN**  
Scale 1:200



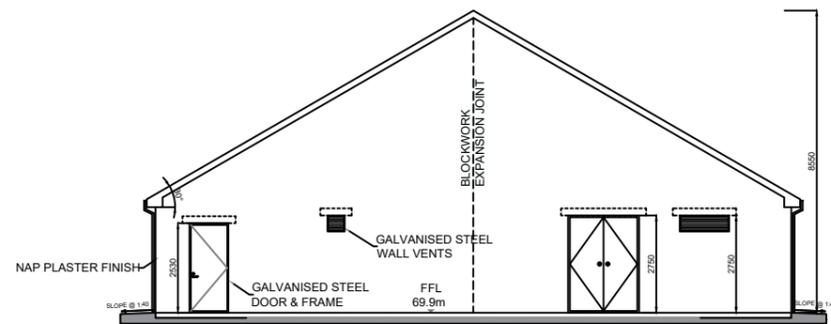
**SECTION A-A**  
Scale 1:200



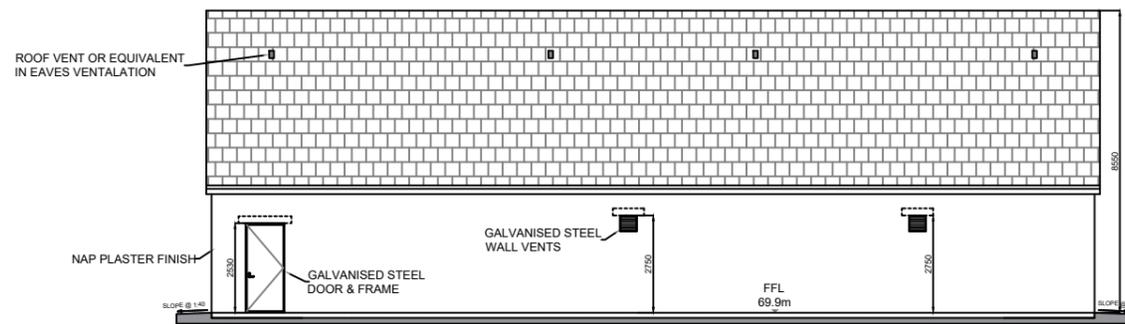
**EAST ELEVATION**  
Scale 1:200



**NORTH ELEVATION**  
Scale 1:200



**SOUTH ELEVATION**  
Scale 1:200



**WEST ELEVATION**  
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:



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Client: **WHITE HILL WIND LIMITED**

Job Title: **White Hill Wind Farm Electricity Substation & Electricity Line**

Drawing Title: **FIGURE 7.07: TYPICAL EIRGRID BUILDING PLAN / ELEVATIONS / SECTIONS**

Drawing No. WH1001SS_PLAN_GA-0.07	Stage. PLANNING
Scale. (A3) 1:200	Date. 08/01/2025
Revision No. REV 00	Checked By. JB
Drawn By. EF	Confirmed By. SC