



# DUNBEG SOUTH EXTENSION WIND FARM

**FIGURE 1.**6

# CONTROL BUILDINGS & SUBSTATION COMPOUND ELEVATIONS

#### **NOTES**

- ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
- 2. THIS DRAWING IS PRELIMINARY AND SUBJECT TO CHANGE AT THE DETAILED DESIGN STAGE.

NDICATIVE OUTDINGS SWITCHGEAR SHEET 12 OF 12

DWG N/A

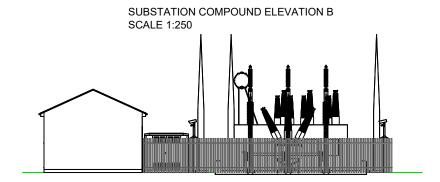
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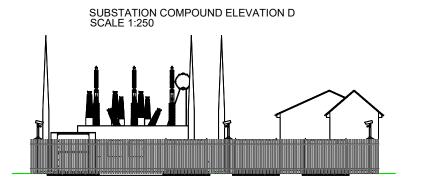
AWING NUMBER 05214-RES-SUB-DR-EE-002

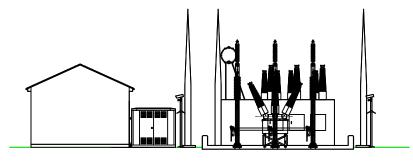
SCALE - AS SHOWN @ A3

**ENVIRONMENTAL STATEMENT** 

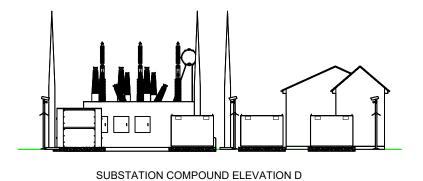
2024







SUBSTATION COMPOUND ELEVATION B (WITHOUT FENCE) SCALE 1:250



(WITHOUT FENCE) SCALE 1:250



#### **DUNBEG SOUTH EXTENSION** WIND FARM

**FIGURE 1.**6

#### **CONTROL BUILDINGS & SUBSTATION COMPOUND ELEVATIONS**

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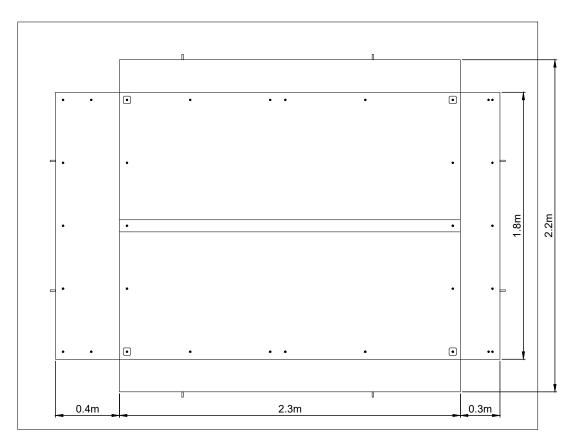
**COMPOUND ELEVATIONS** SHEET 2 OF 22.

N/A

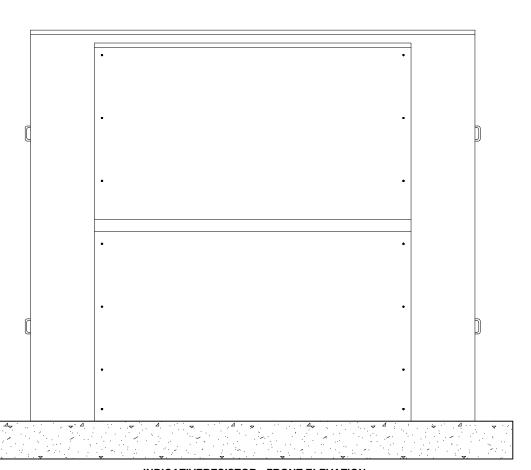
05214-RES-SUB-DR-EE-002

SCALE - AS SHOWN @ A3

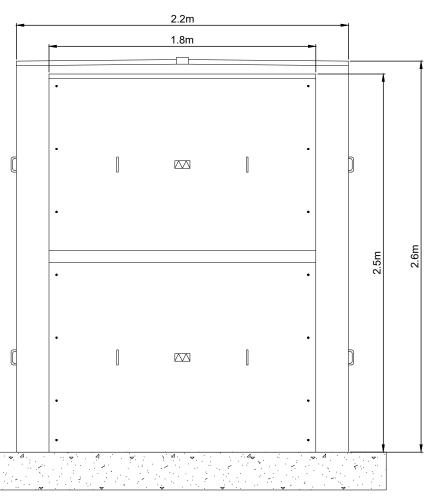
**ENVIRONMENTAL STATEMENT** 2024



### INDICATIVERESISTOR - PLAN VIEW SCALE - 1:25



### INDICATIVERESISTOR - FRONT ELEVATION SCALE - 1:25



### INDICATIVERESISTOR - SIDE ELEVATION SCALE - 1:25



#### **DUNBEG SOUTH EXTENSION WIND FARM**

**FIGURE 1.**6

#### **CONTROL BUILDINGS & SUBSTATION COMPOUND ELEVATIONS**

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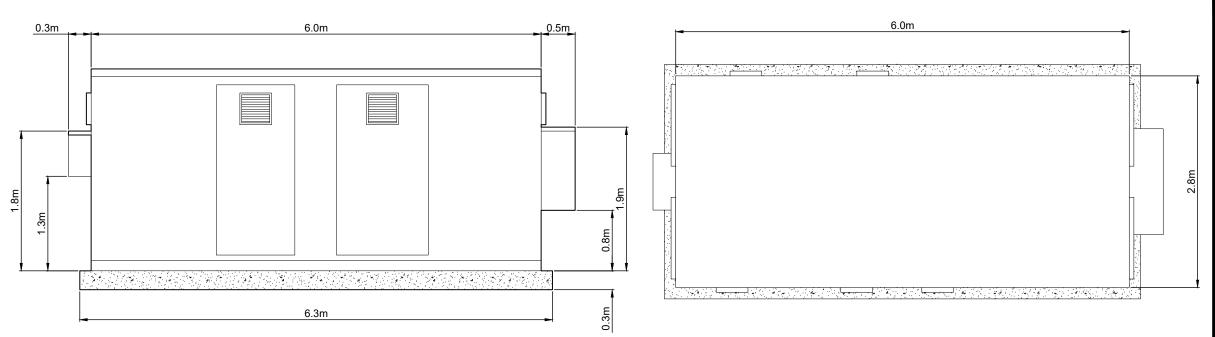
**INDICATIVE RESISTOR** SHEET 3 OF 22.

N/A

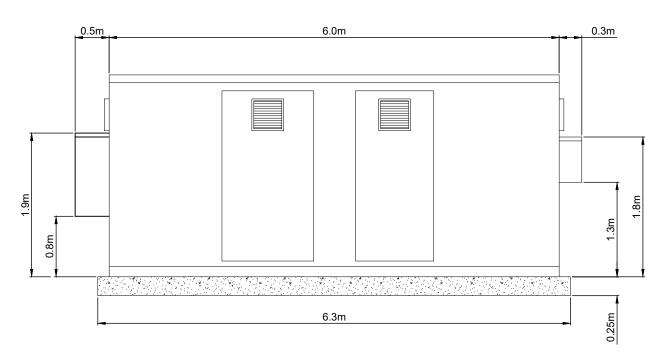
05214-RES-SUB-DR-EE-002

SCALE - AS SHOWN @ A3

**ENVIRONMENTAL STATEMENT** 2024



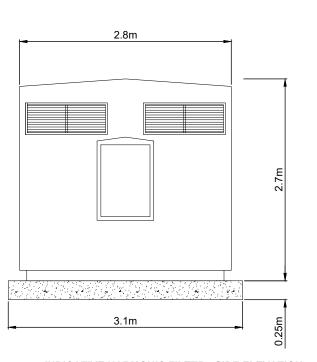
**INDICATIVE HARMONIC FILTER - PLAN VIEW** 



**INDICATIVE HARMONIC FILTER - FRONT ELEVATION** 

SCALE - 1:50

**INDICATIVE HARMONIC FILTER - REAR ELEVATION** 



**INDICATIVE HARMONIC FILTER - SIDE ELEVATION** 



#### **DUNBEG SOUTH EXTENSION WIND FARM**

**FIGURE 1.**6

#### **CONTROL BUILDINGS & SUBSTATION COMPOUND ELEVATIONS**

#### **NOTES**

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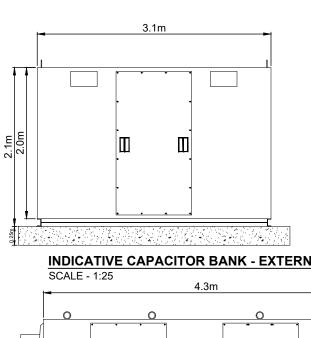
INDICATIVE HARMONIC FILTER SHEET 4 OF 22.

N/A

05214-RES-SUB-DR-EE-002

SCALE - AS SHOWN @ A3

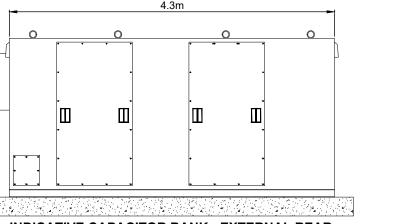
**ENVIRONMENTAL STATEMENT** 2024

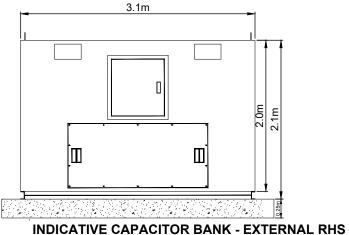


# 4.3m

#### INDICATIVE CAPACITOR BANK - EXTERNAL LHS

**INDICATIVE CAPACITOR BANK - EXTERNAL FRONT** SCALE - 1:25





**INDICATIVE CAPACITOR BANK - EXTERNAL REAR** 

SCALE - 1:25

SCALE - 1:25

#### **DUNBEG SOUTH EXTENSION WIND FARM**

**FIGURE 1.**6

#### **CONTROL BUILDINGS & SUBSTATION COMPOUND ELEVATIONS**

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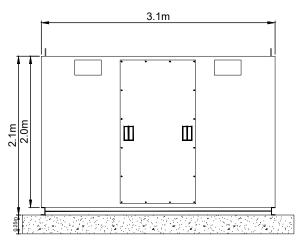
**INDICATIVE CAPACITOR** BANK SHEET 5 OF 22.

N/A

05214-RES-SUB-DR-EE-002

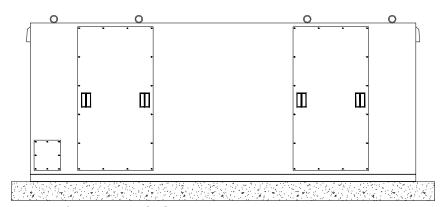
SCALE - AS SHOWN @ A3

**ENVIRONMENTAL STATEMENT** 2024



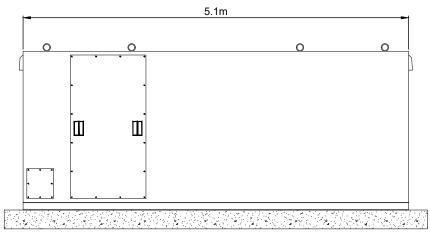
#### **INDICATIVE REACTOR - EXTERNAL LHS**

SCALE - 1:25



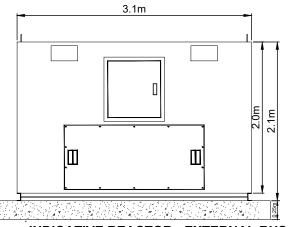
#### **INDICATIVE REACTOR - EXTERNAL REAR**

SCALE - 1:25



#### **INDICATIVE REACTOR - EXTERNAL FRONT**

SCALE - 1:25



INDICATIVE REACTOR - EXTERNAL RHS
SCALE - 1:25

CS.

# DUNBEG SOUTH EXTENSION WIND FARM

**FIGURE 1.**6

# CONTROL BUILDINGS & SUBSTATION COMPOUND ELEVATIONS

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INDICATIVE REACTOR SHEET 6 OF 22.

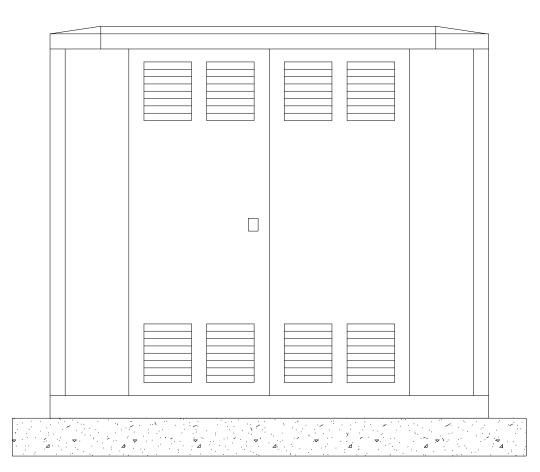
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T-LAYOUT NO.

05214-RES-SUB-DR-EE-002

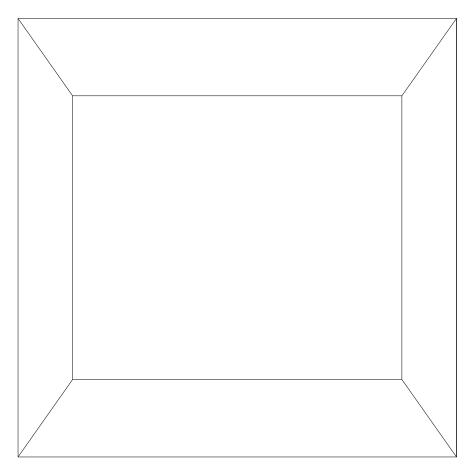
SCALE - AS SHOWN @ A3

ENVIRONMENTAL STATEMENT 2024



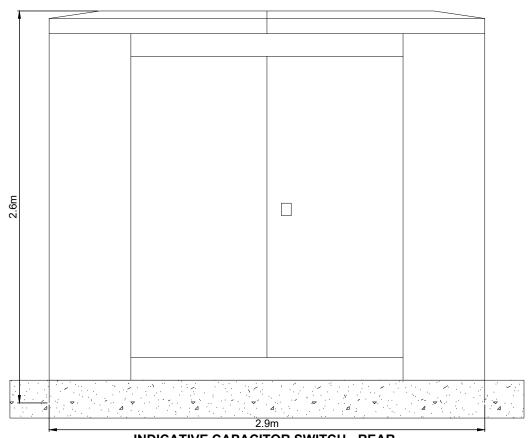
### $\frac{\textbf{INDICATIVE CAPACITOR SWITCH-FRONT}}{\textbf{ELEVATION}}$

SCALE - 1:25



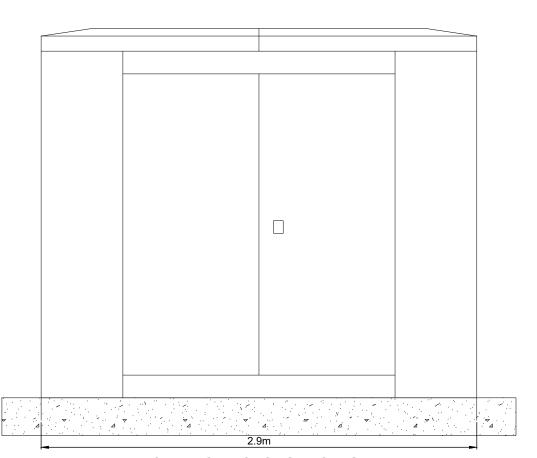
#### **INDICATIVE CAPACITOR SWITCH - PLAN**

SCALE - 1:25



### INDICATIVE CAPACITOR SWITCH - REAR ELEVATION

SCALE - 1:25



### INDICATIVE CAPACITOR SWITCH - SIDE ELEVATION

SCALE - 1:25



# DUNBEG SOUTH EXTENSION WIND FARM

**FIGURE 1.**6

# CONTROL BUILDINGS & SUBSTATION COMPOUND ELEVATIONS

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INDICATIVE CAPACITOR
SWITCH
SHEET 7 OF 22.

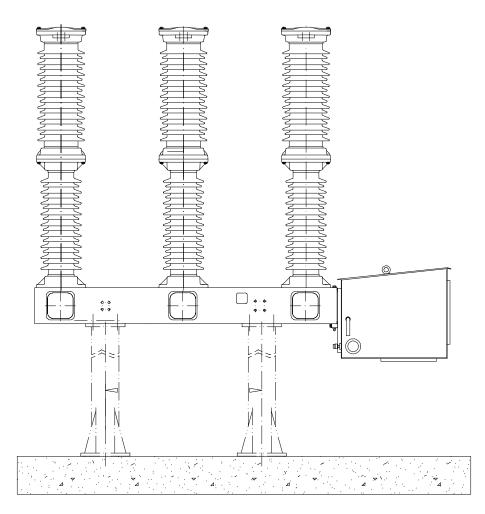
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T-LAYOUT

WING NUMBER 05214-RES-SUB-DR-EE-002

SCALE - AS SHOWN @ A3

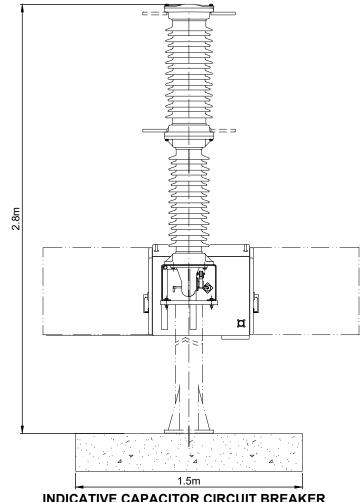
ENVIRONMENTAL STATEMENT 2024



### INDICATIVE CAPACITOR CIRCUIT BREAKER - FRONT ELEVATION

SCALE - 1:25

INDICATIVE CAPACITOR CIRCUIT BREAKER
- PLAN
SCALE - 1:25



INDICATIVE CAPACITOR CIRCUIT BREAKER
- SIDE ELEVATION

SCALE - 1:25



# DUNBEG SOUTH EXTENSION WIND FARM

**FIGURE 1.**6

# CONTROL BUILDINGS & SUBSTATION COMPOUND ELEVATIONS

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INDICATIVE CAPACITOR
CIRCUIT BREAKER
SHEET 8 OF 22.

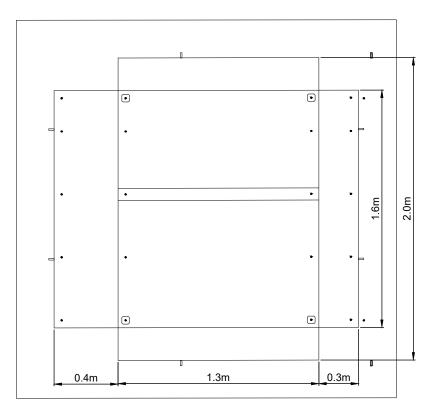
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T-LAYOUT

05214-RES-SUB-DR-EE-002

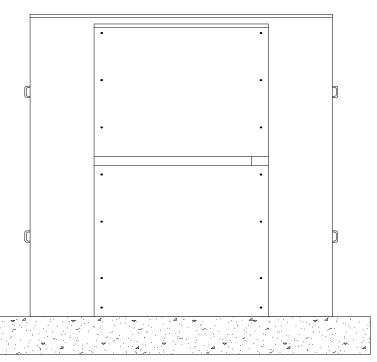
SCALE - AS SHOWN @ A3

ENVIRONMENTAL STATEMENT 2024



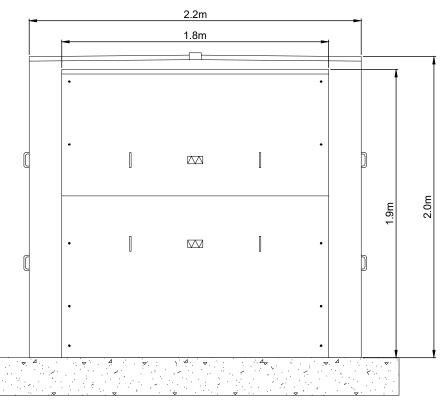
### INDICATIVE NEUTRAL EARTHING RESISTOR - PLAN VIEW

SCALE - 1:25



INDICATIVE NEUTRAL EARTHING RESISTOR - FRONT ELEVATION

SCALE - 1:25



INDICATIVE NEUTRAL EARTHING RESISTOR - SIDE ELEVATION

SCALE - 1:25



# DUNBEG SOUTH EXTENSION WIND FARM

**FIGURE 1.**6

# CONTROL BUILDINGS & SUBSTATION COMPOUND ELEVATIONS

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INDICATIVE NEUTRAL EARTHING RESISTOR SHEET 9 OF 22.

OUT DWG N/A

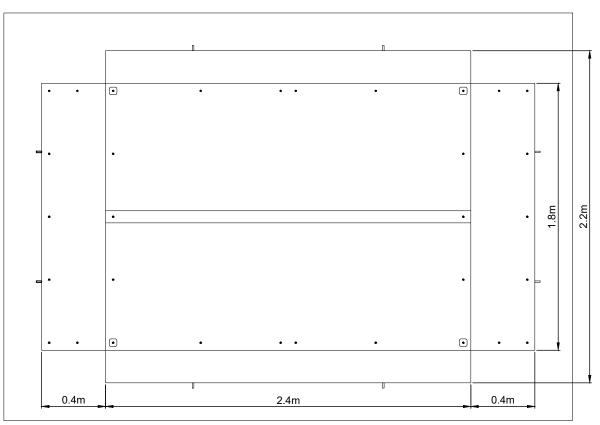
T-LAYOUT NO

,

05214-RES-SUB-DR-EE-002

SCALE - AS SHOWN @ A3

ENVIRONMENTAL STATEMENT 2024



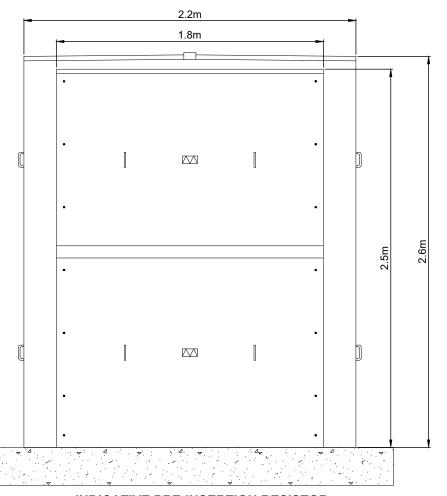
#### **INDICATIVE PRE-INSERTION RESISTOR -PLAN VIEW**

SCALE - 1:25

2.4m  $\triangle$ 2.6m  $\triangle$ 

#### INDICATIVE PRE-INSERTION RESISTOR -FRONT ELEVATION

SCALE - 1:25



#### INDICATIVE PRE-INSERTION RESISTOR -SIDE ELEVATION

SCALE - 1:25



#### **DUNBEG SOUTH EXTENSION WIND FARM**

**FIGURE 1.**6

#### **CONTROL BUILDINGS & SUBSTATION COMPOUND ELEVATIONS**

#### **NOTES**

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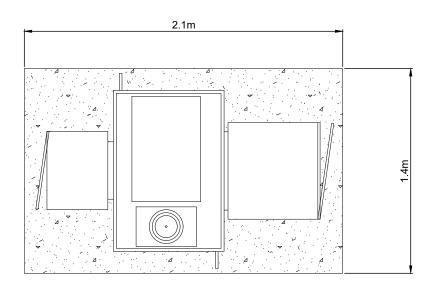
**INDICATIVE** PRE-INSERTION RESISTOR SHEET 10 OF 22.

N/A

05214-RES-SUB-DR-EE-002

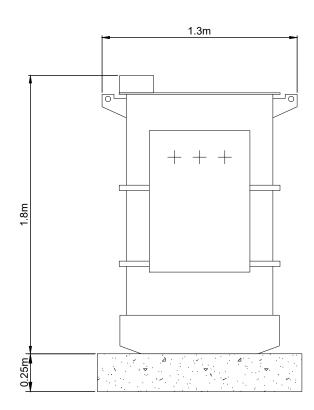
SCALE - AS SHOWN @ A3

#### **ENVIRONMENTAL STATEMENT** 2024

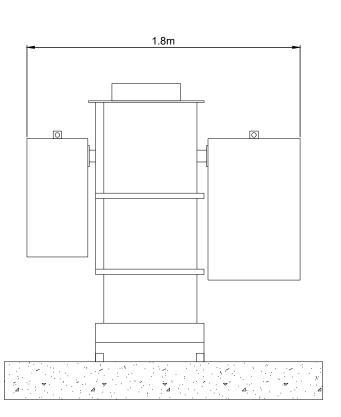


#### **INDICATIVE AUXILIARY TRANSFORMER -PLAN VIEW**

SCALE - 1:25



#### **INDICATIVE AUXILIARY TRANSFORMER -**SIDE ELEVATION SCALE - 1:25



#### **INDICATIVE AUXILIARY TRANSFORMER -FRONT ELEVATION**

SCALE - 1:25



#### **DUNBEG SOUTH EXTENSION WIND FARM**

**FIGURE 1.**6

#### **CONTROL BUILDINGS & SUBSTATION COMPOUND ELEVATIONS**

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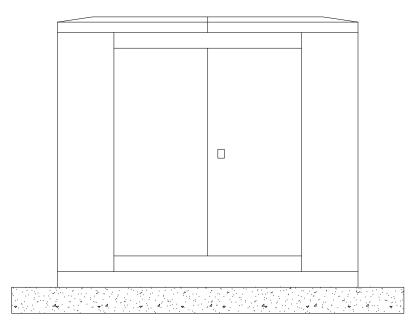
**INDICATIVE AUXILIARY** TRANSFORMER SHEET 11 OF 22.

N/A

05214-RES-SUB-DR-EE-002

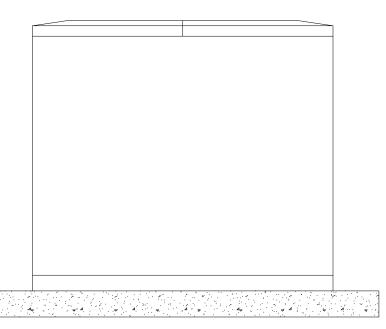
SCALE - AS SHOWN @ A3

**ENVIRONMENTAL STATEMENT** 2024



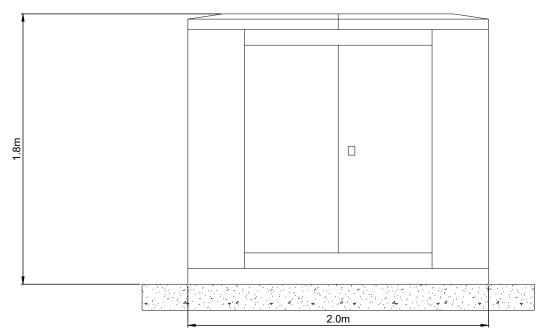
**DIESEL GENERATOR - FRONT ELEVATION** 

SCALE - 1:25



**DIESEL GENERATOR - SIDE VIEW** 

SCALE - 1:25



**DIESEL GENERATOR - REAR ELEVATION** SCALE - 1:25



#### **DUNBEG SOUTH EXTENSION** WIND FARM

**FIGURE 1.**6

#### **CONTROL BUILDINGS & SUBSTATION COMPOUND ELEVATIONS**

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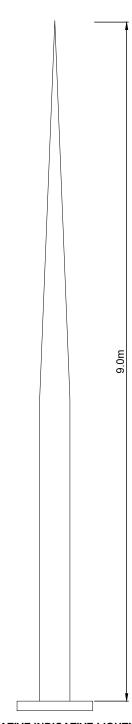
**DIESEL GENERATOR** SHEET 12 OF 22.

N/A

05214-RES-SUB-DR-EE-002

SCALE - AS SHOWN @ A3

**ENVIRONMENTAL STATEMENT** 2024



INDICATIVE INDICATIVE LIGHTNING PROTETION COLUMN SCALE - 1:50



#### **DUNBEG SOUTH EXTENSION** WIND FARM

**FIGURE 1.**6

#### **CONTROL BUILDINGS & SUBSTATION COMPOUND ELEVATIONS**

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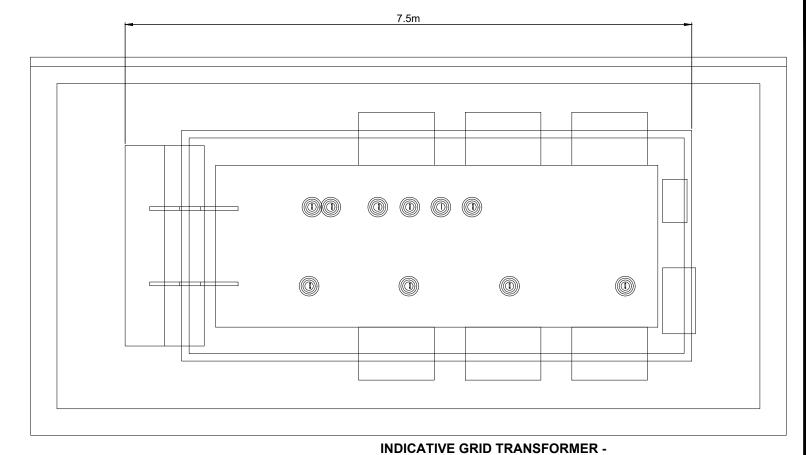
LIGHTNING PROTECTION COLUMN SHEET 13 OF 22.

N/A

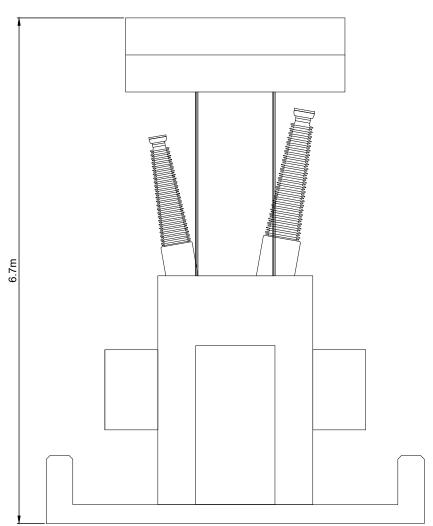
05214-RES-SUB-DR-EE-002

SCALE - AS SHOWN @ A3

**ENVIRONMENTAL STATEMENT** 2024



PLAN SCALE - 1:50



INDICATIVE GRID TRANSFORMER - FRONT ELEVATION
SCALE - 1:50

 $\frac{\text{INDICATIVE GRID TRANSFORMER - SIDE}}{\text{VIEW}}$ 

SCALE - 1:50



# DUNBEG SOUTH EXTENSION WIND FARM

**FIGURE 1.**6

# CONTROL BUILDINGS & SUBSTATION COMPOUND ELEVATIONS

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GRID TRANSFORMER SHEET 14 OF 22.

OUT DWG N/A

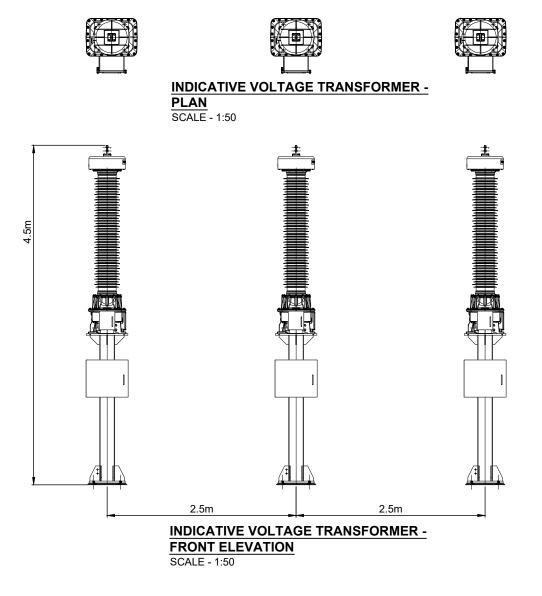
T-LAYOUT

I-LAYOUT NO. N/

05214-RES-SUB-DR-EE-002

SCALE - AS SHOWN @ A3

ENVIRONMENTAL STATEMENT 2024





**INDICATIVE VOLTAGE TRANSFORMER -SIDE ELEVATION** 

SCALE - 1:50



#### **DUNBEG SOUTH EXTENSION WIND FARM**

**FIGURE 1.**6

#### **CONTROL BUILDINGS & SUBSTATION COMPOUND ELEVATIONS**

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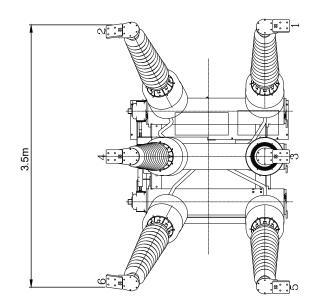
VOLTAGE TRANSFORMER SHEET 15 OF 22.

N/A

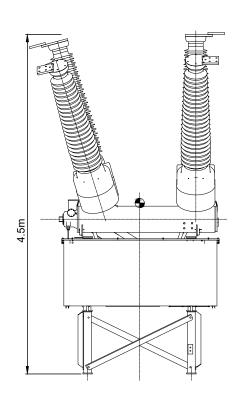
05214-RES-SUB-DR-EE-002

SCALE - AS SHOWN @ A3

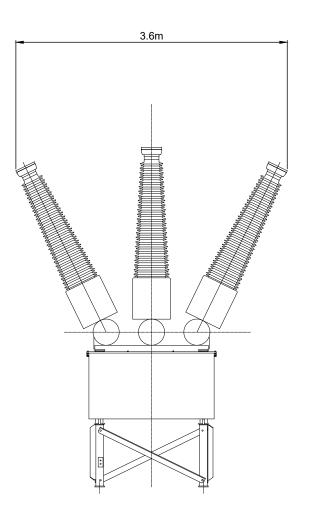
**ENVIRONMENTAL STATEMENT** 2024



INDICATIVE 110kV CB - PLAN SCALE - 1:50



INDICATIVE 110kV CB - SIDE ELEVATION SCALE - 1:50



INDICATIVE 110kV CB - FRONT
ELEVATION
SCALE - 1:50



# DUNBEG SOUTH EXTENSION WIND FARM

**FIGURE 1.**6

# CONTROL BUILDINGS & SUBSTATION COMPOUND ELEVATIONS

#### NOTES

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110kV CIRCUIT BREAKER SHEET 16 OF 22.

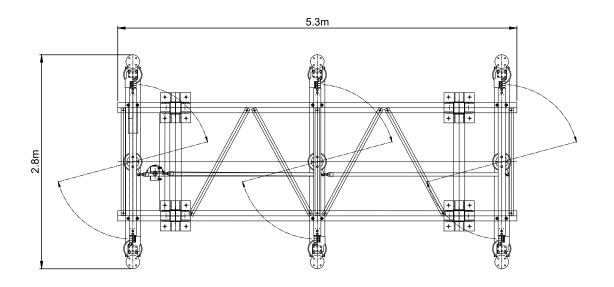
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I-LAT

WING NUMBER 05214-RES-SUB-DR-EE-002

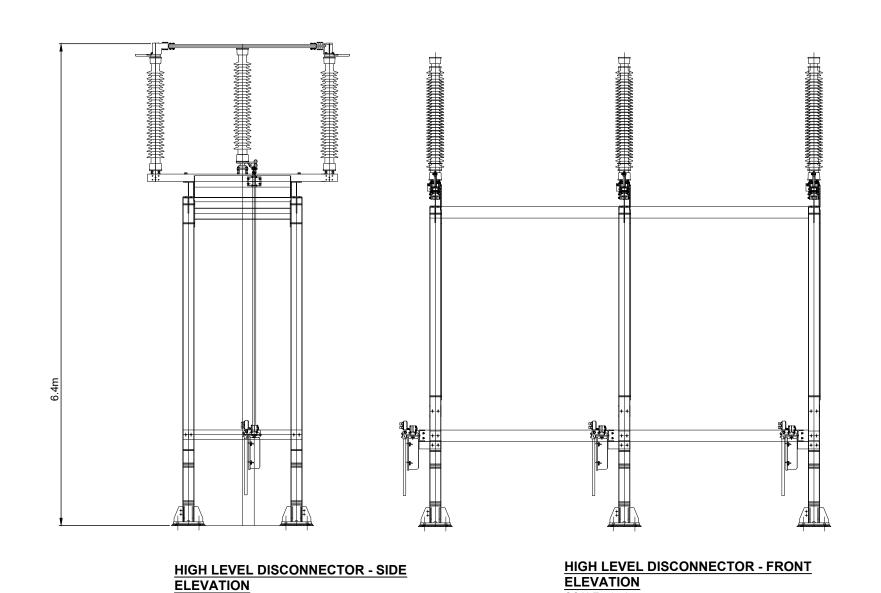
SCALE - AS SHOWN @ A3

ENVIRONMENTAL STATEMENT 2024



SCALE - 1:50

### HIGH LEVEL DISCONNECTOR - PLAN SCALE - 1:50



SCALE - 1:50



# DUNBEG SOUTH EXTENSION WIND FARM

**FIGURE 1.**6

# CONTROL BUILDINGS & SUBSTATION COMPOUND ELEVATIONS

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110kV DISCONNECTOR SHEET 17 OF 22.

N/A

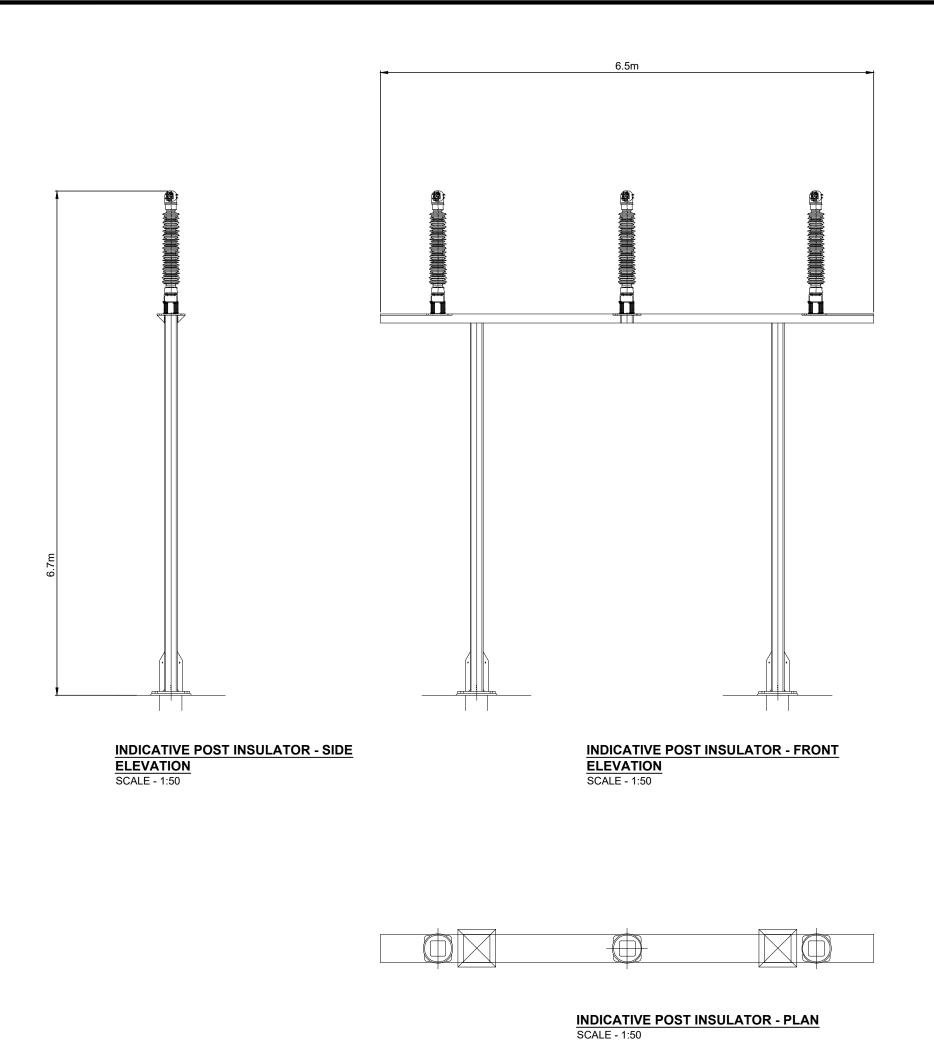
T-LAYOUT NO.

05214-RES-SUB-DR-EE-002

. . . . .

SCALE - AS SHOWN @ A3

ENVIRONMENTAL STATEMENT 2024





#### **DUNBEG SOUTH EXTENSION WIND FARM**

**FIGURE 1.**6

#### **CONTROL BUILDINGS & SUBSTATION COMPOUND ELEVATIONS**

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POST INSULATOR SHEET 18 OF 22.

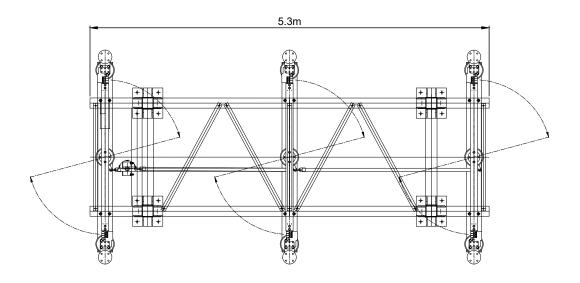
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05214-RES-SUB-DR-EE-002

SCALE - AS SHOWN @ A3

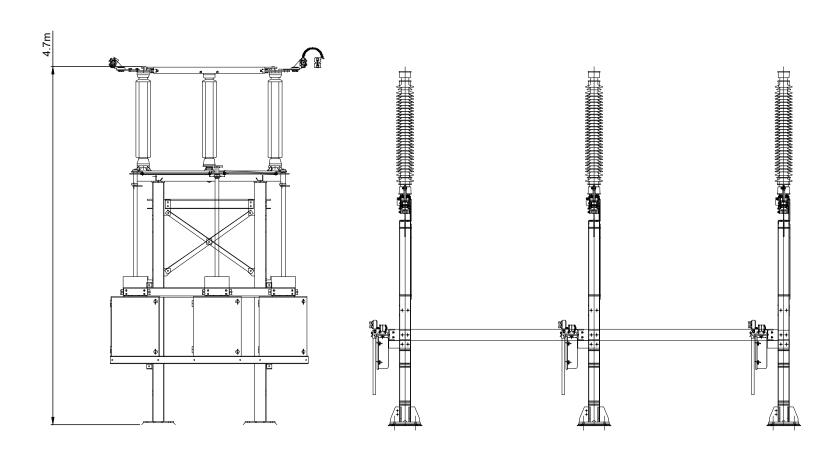
**ENVIRONMENTAL STATEMENT** 

2024



#### **DISCONNECTOR - PLAN**

SCALE - 1:50



DISCONNECTOR - SIDE ELEVATION SCALE - 1:50 DISCONNECTOR - FRONT ELEVATION SCALE - 1:50



# DUNBEG SOUTH EXTENSION WIND FARM

**FIGURE 1.**6

# CONTROL BUILDINGS & SUBSTATION COMPOUND ELEVATIONS

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110kV DISCONNECTOR SHEET 19 OF 22.

AYOUT DWG N/A

T-LAYOUT NO.

05214-RES-SUB-DR-EE-002

SCALE - AS SHOWN @ A3

**ENVIRONMENTAL STATEMENT** 

VIRONMENTAL STATEMEN 2024

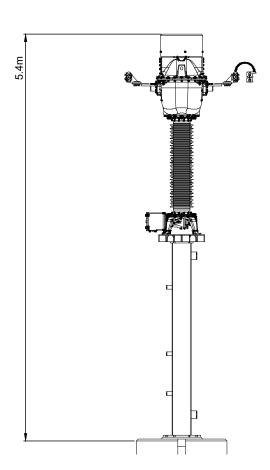






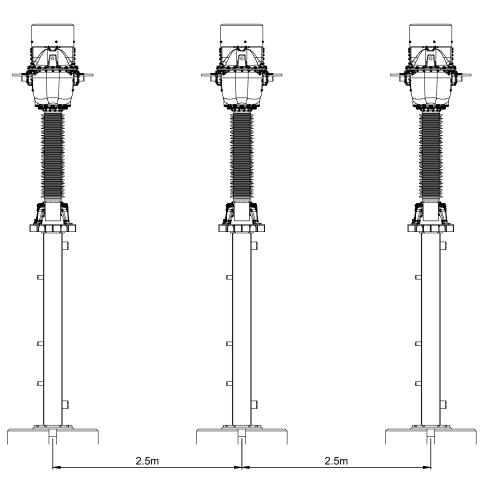
#### **CURRENT TRANSFORMER- PLAN**

SCALE - 1:50



CURRENT TRANSFORMER- SIDE ELEVATION

SCALE - 1:50



SCALE - 1:50

WING NUMBER 05214-RES-SUB-DR-EE-002

SCALE - AS SHOWN @ A3

DUNBEG SOUTH EXTENSION
WIND FARM

**FIGURE 1.**6

**CONTROL BUILDINGS &** 

SUBSTATION COMPOUND ELEVATIONS

ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.

2. THIS DRAWING IS PRELIMINARY AND SUBJECT TO CHANGE AT THE DETAILED

CURRENT TRANSFORMER SHEET 20 OF 22.

DESIGN STAGE.

**NOTES** 

ENVIRONMENTAL STATEMENT 2024

N/A

SYSTEMS LTD. AND NO REPRODUCTION MAY BE MADE IN WHOLE OR IN PART WITHOUT PERMISSION

CURRENT TRANSFORMER- FRONT ELEVATION

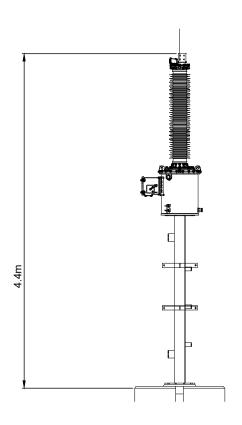






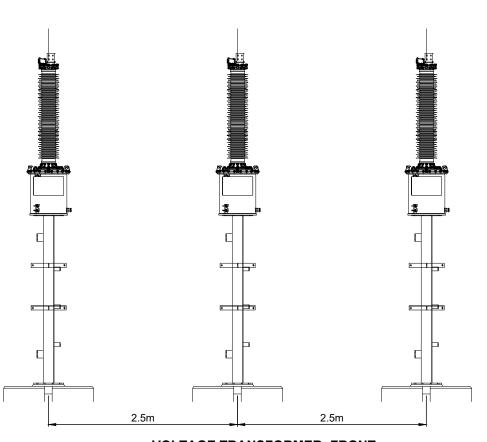
#### **VOLTAGE TRANSFORMER-PLAN**

SCALE - 1:50



**VOLTAGE TRANSFORMER- SIDE ELEVATION** 

SCALE - 1:50



**VOLTAGE TRANSFORMER- FRONT ELEVATION** 

SCALE - 1:50



#### **DUNBEG SOUTH EXTENSION WIND FARM**

**FIGURE 1.**6

#### **CONTROL BUILDINGS & SUBSTATION COMPOUND ELEVATIONS**

#### **NOTES**

- ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
- 2. THIS DRAWING IS PRELIMINARY AND SUBJECT TO CHANGE AT THE DETAILED DESIGN STAGE.

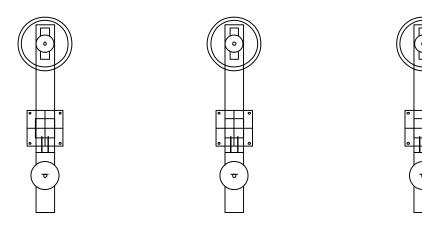
**VOLTAGE** TRANSFORMER SHEET 21 OF 22.

N/A

05214-RES-SUB-DR-EE-002

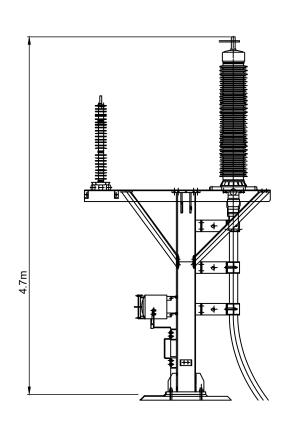
SCALE - AS SHOWN @ A3

**ENVIRONMENTAL STATEMENT** 2024



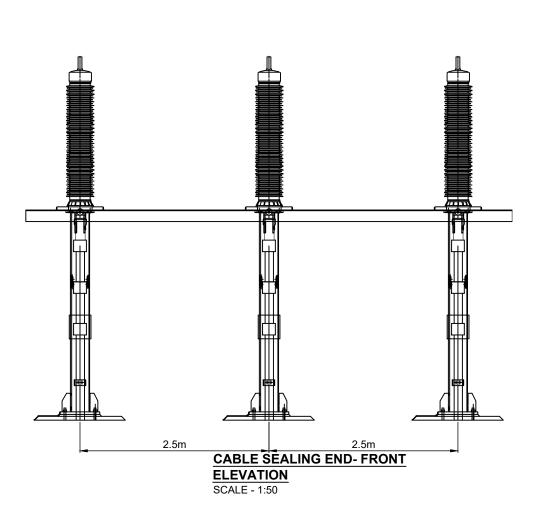
#### **CABLE SEALING END- PLAN**

SCALE - 1:50



**CABLE SEALING END- SIDE ELEVATION** 

SCALE - 1:50



#### **DUNBEG SOUTH EXTENSION WIND FARM**

**FIGURE 1.**6

#### **CONTROL BUILDINGS & SUBSTATION COMPOUND ELEVATIONS**

#### **NOTES**

- ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
- 2. THIS DRAWING IS PRELIMINARY AND SUBJECT TO CHANGE AT THE DETAILED DESIGN STAGE.

CABLE SEALING END AND SURGE ARRESTOR SHEET 22 OF 22.

N/A

05214-RES-SUB-DR-EE-002

SCALE - AS SHOWN @ A3

**ENVIRONMENTAL STATEMENT** 2024