



MULLAGHCLOGHER WIND FARM

FIGURE 1.7

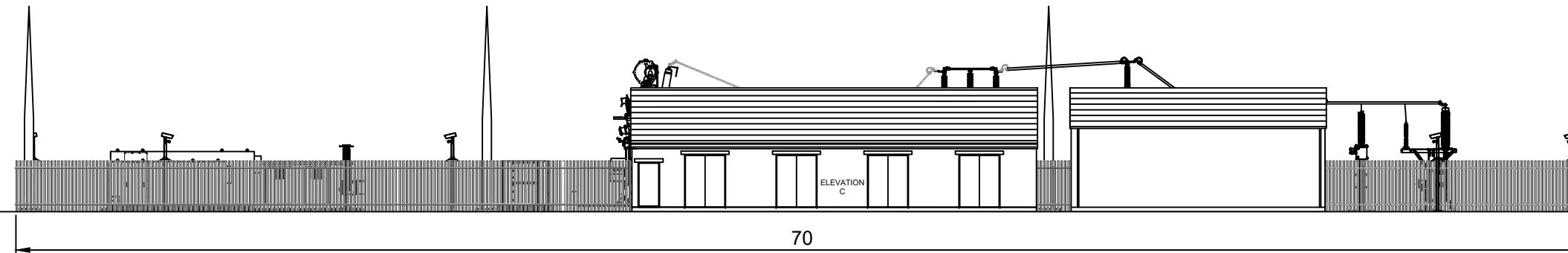
CONTROL BUILDING AND SUBSTATION ELEVATIONS

NOTES

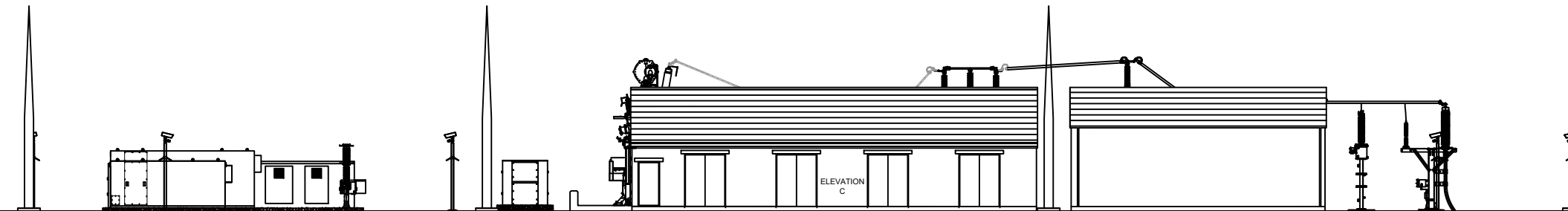
1. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
2. THIS DRAWING IS PRELIMINARY AND SUBJECT TO CHANGE AT THE DETAILED DESIGN STAGE.

COMPOUND ELEVATIONS
SHEET 1 of 21.

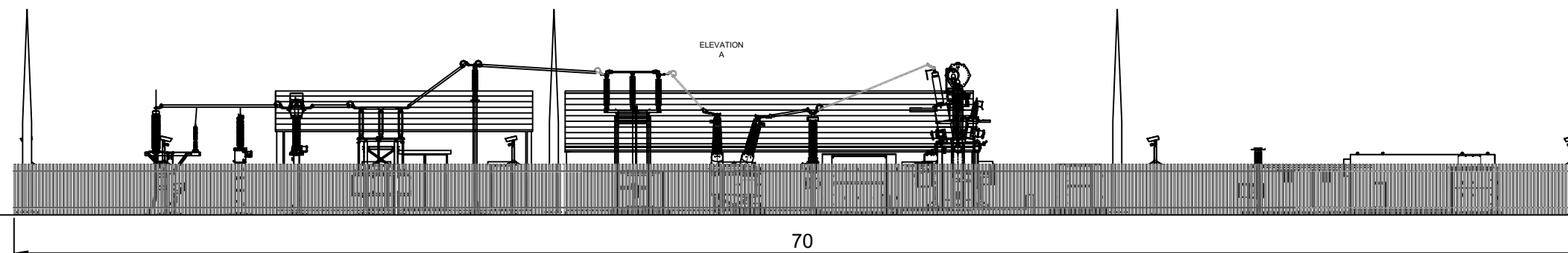
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DRAWING NUMBER	04398-RES-SUB-DR-PT-001	REV	1
SCALE - AS SHOWN @ A3			
ENVIRONMENTAL STATEMENT 2025			
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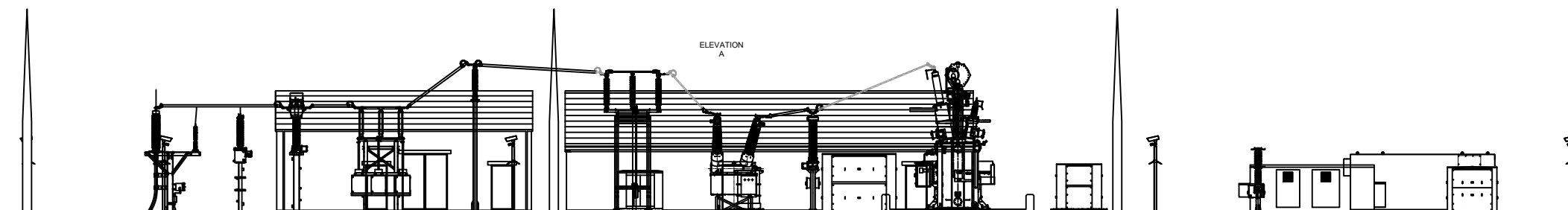
SUBSTATION COMPOUND ELEVATION C
SCALE 1:250



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



SUBSTATION COMPOUND ELEVATION A
SCALE 1:250



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



MULLAGHCLOGHER WIND FARM

FIGURE 1.7

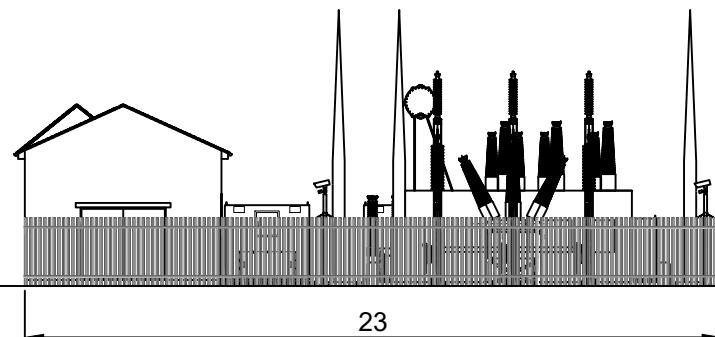
CONTROL BUILDING AND SUBSTATION ELEVATIONS

NOTES

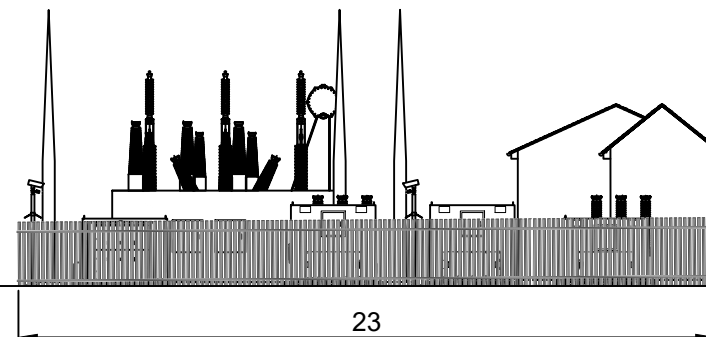
1. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
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COMPOUND ELEVATIONS
SHEET 2 of 21.

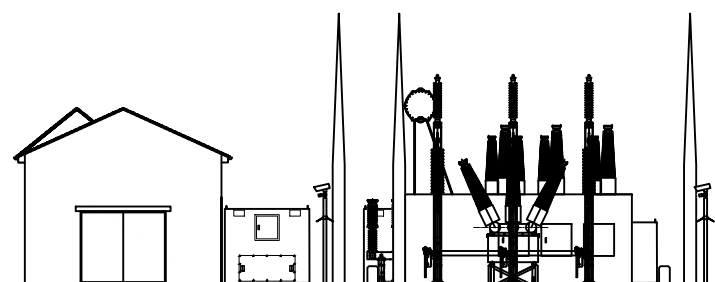
SUBSTATION COMPOUND ELEVATION B
SCALE 1:250



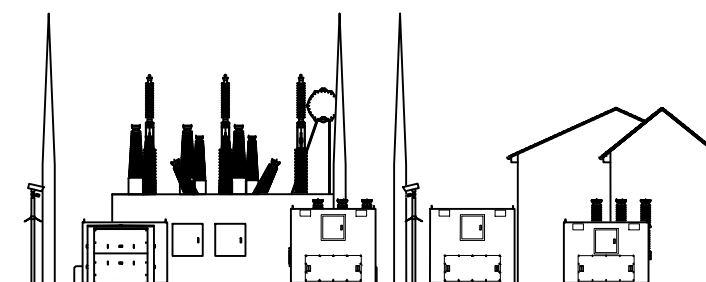
SUBSTATION COMPOUND ELEVATION D
SCALE 1:250



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



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



LAYOUT DWG N/A T-LAYOUT NO. N/A

DRAWING NUMBER
04398-RES-SUB-DR-PT-001 REV
1

SCALE - AS SHOWN @ A3

**ENVIRONMENTAL STATEMENT
2025**

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**MULLAGHCLOGHER
WIND FARM**

FIGURE 1.7

**CONTROL BUILDING
AND SUBSTATION
ELEVATIONS**

NOTES

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INDICATIVE RESISTOR
SHEET 3 of 21.

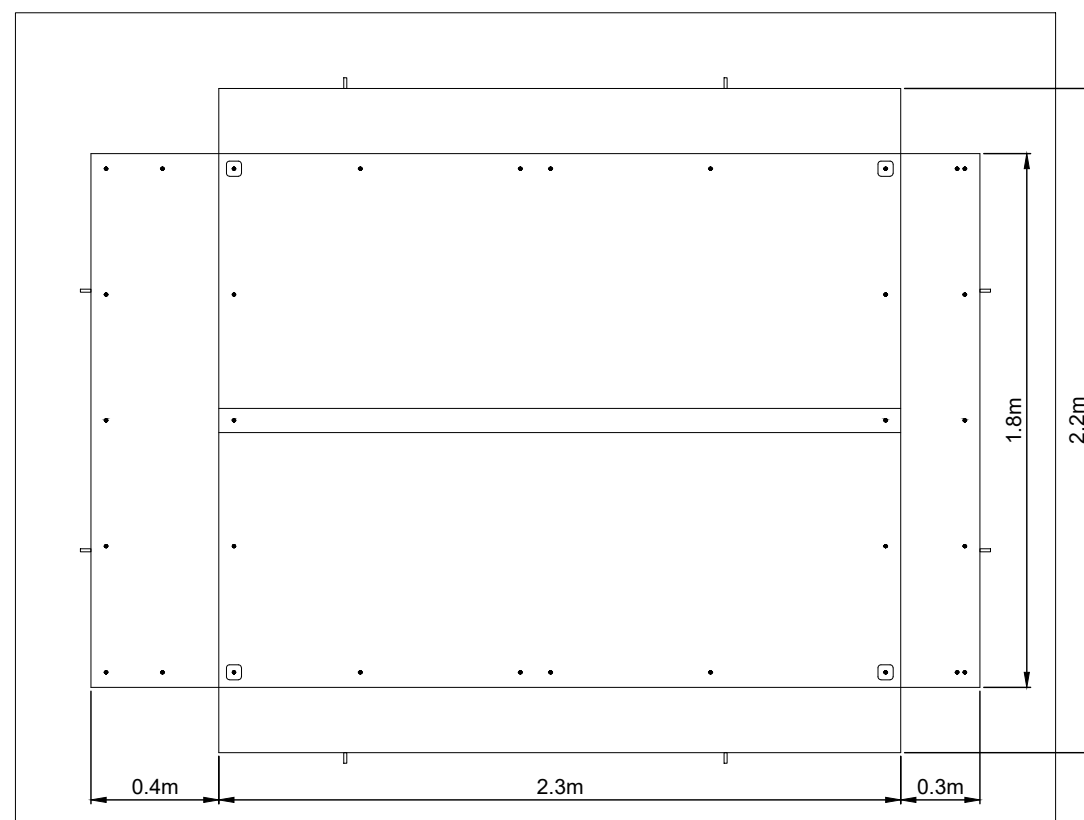
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DRAWING NUMBER 04398-RES-SUB-DR-PT-001 REV 1

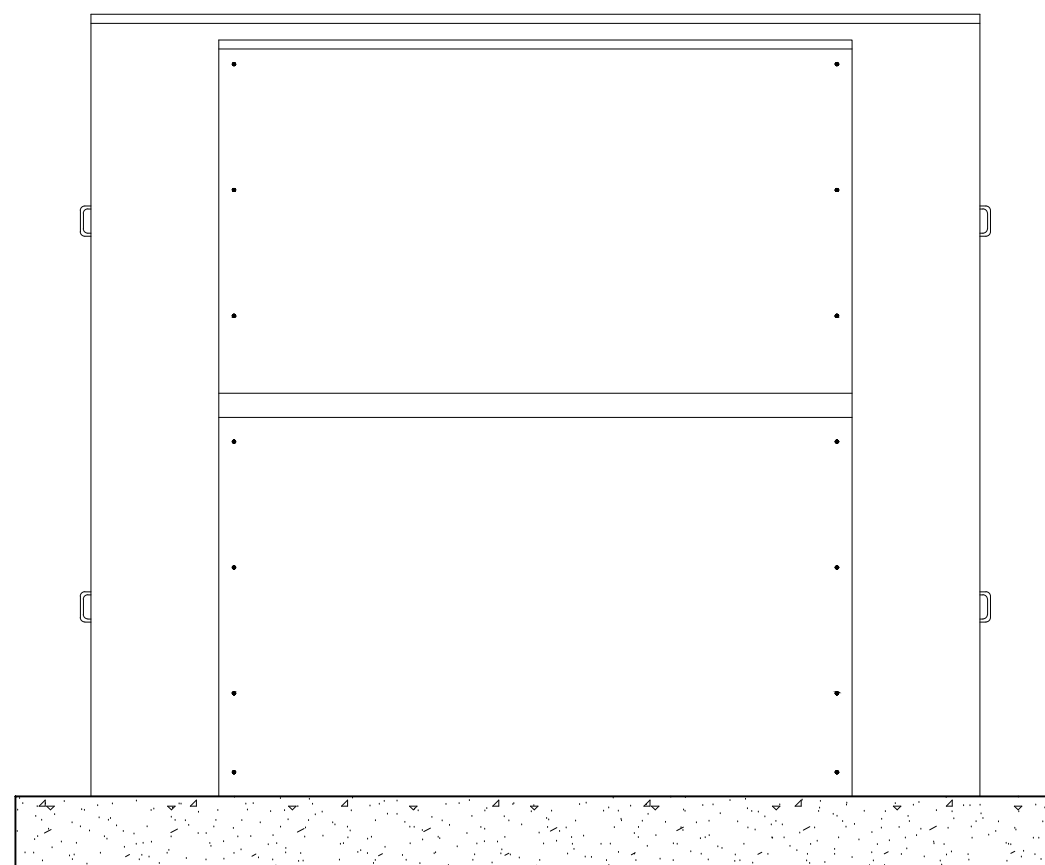
SCALE - AS SHOWN @ A3

**ENVIRONMENTAL STATEMENT
2025**

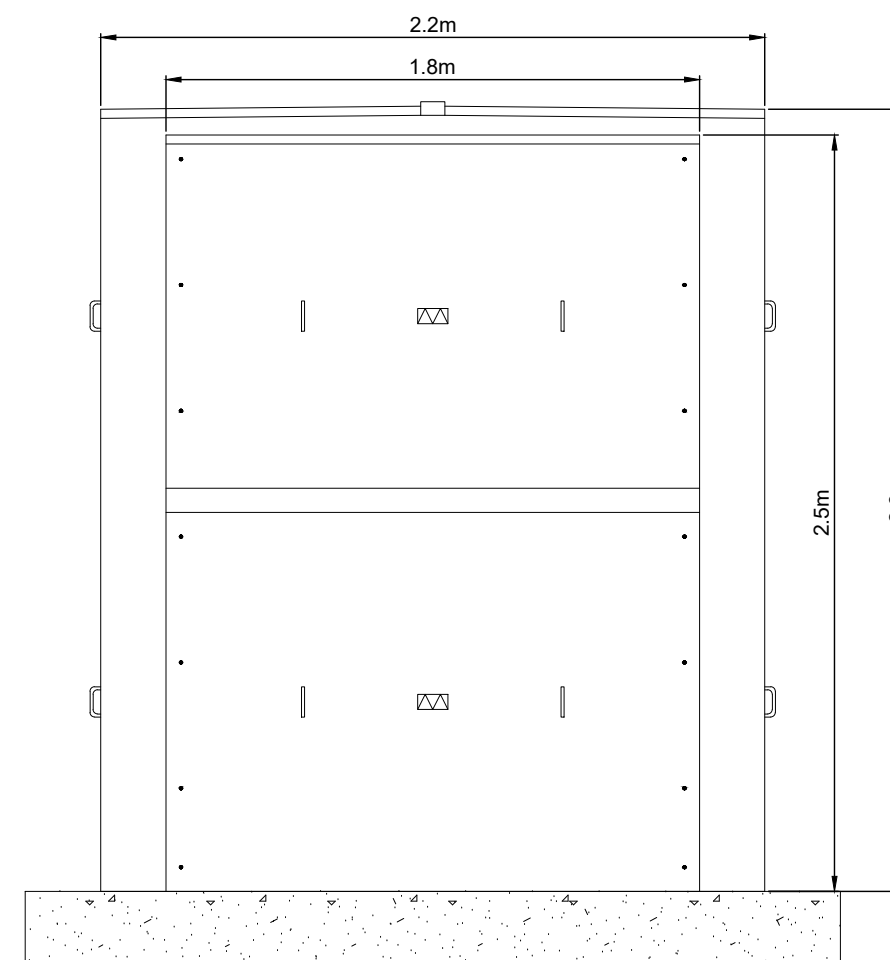
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INDICATIVE RESISTOR - PLAN VIEW
SCALE - 1:25



INDICATIVE RESISTOR - FRONT ELEVATION
SCALE - 1:25



INDICATIVE RESISTOR - SIDE ELEVATION
SCALE - 1:25



**MULLAGHCLOGHER
WIND FARM**

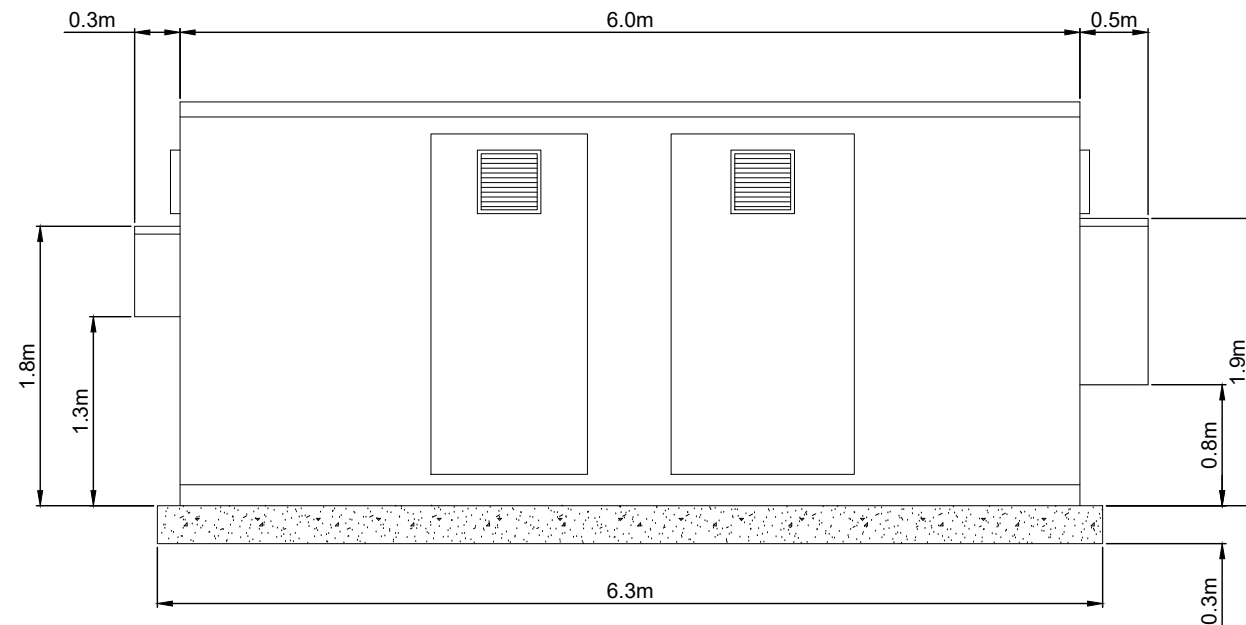
FIGURE 1.7

**CONTROL BUILDING
AND SUBSTATION
ELEVATIONS**

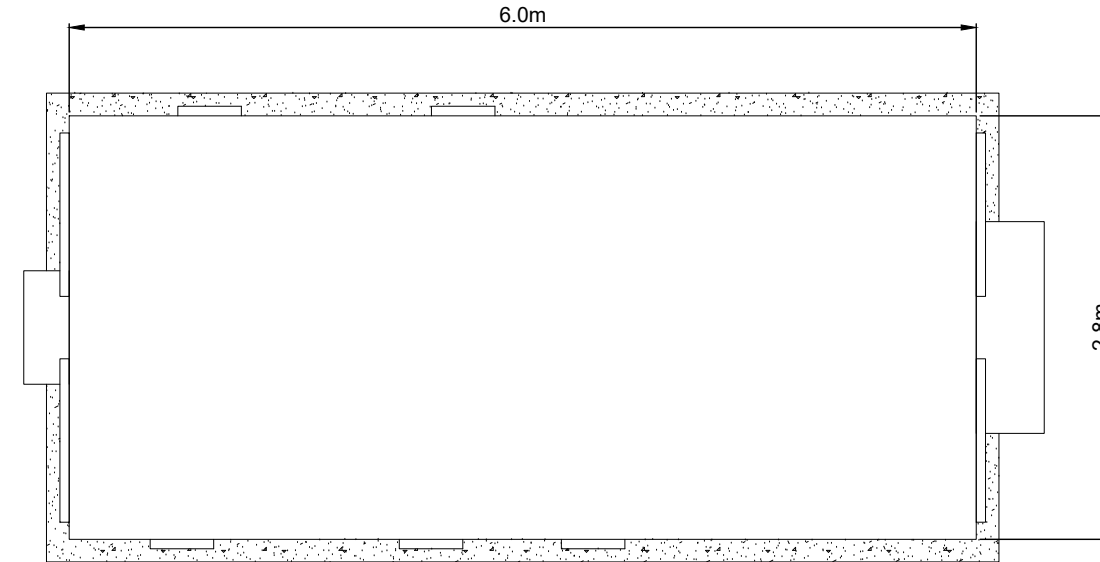
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1. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
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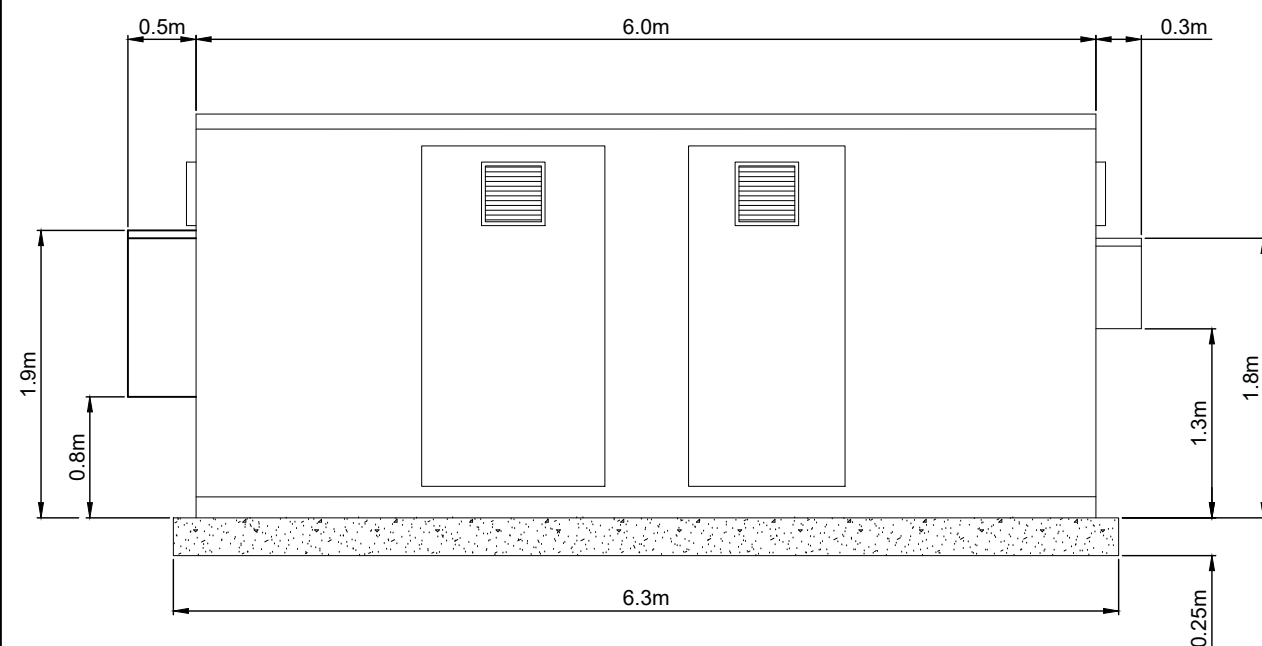
INDICATIVE HARMONIC
FILTER
SHEET 4 of 21.



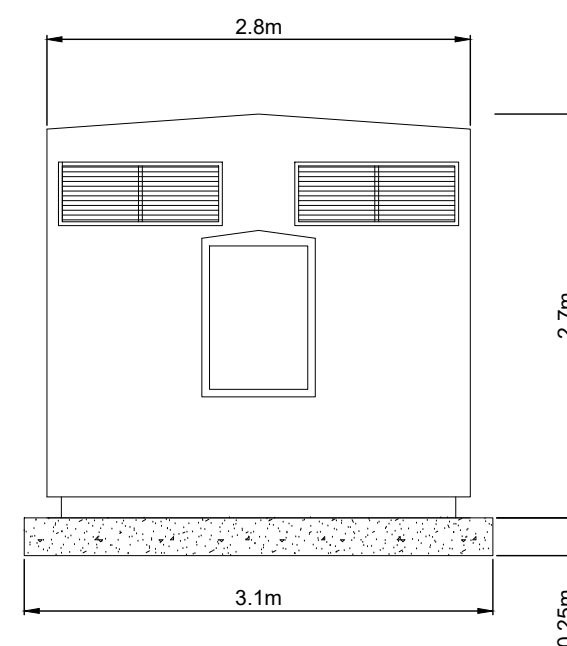
INDICATIVE HARMONIC FILTER - FRONT ELEVATION
SCALE - 1:50



INDICATIVE HARMONIC FILTER - PLAN VIEW
SCALE - 1:50



INDICATIVE HARMONIC FILTER - REAR ELEVATION
SCALE - 1:50



INDICATIVE HARMONIC FILTER - SIDE ELEVATION
SCALE - 1:50

LAYOUT DWG N/A T-LAYOUT NO. N/A

DRAWING NUMBER 04398-RES-SUB-DR-PT-001 REV 1

SCALE - AS SHOWN @ A3

**ENVIRONMENTAL STATEMENT
2025**

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**MULLAGHCLOGHER
WIND FARM**

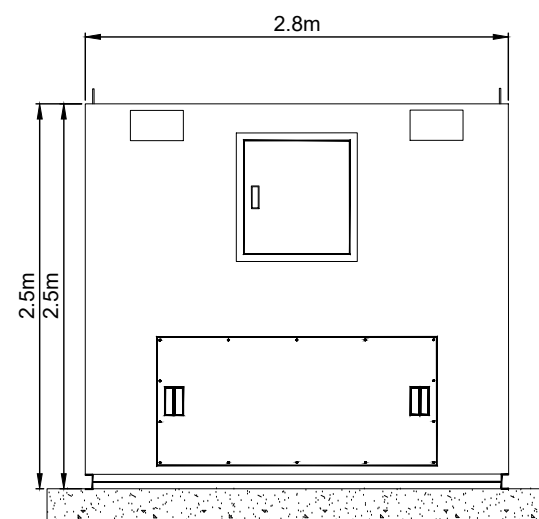
FIGURE 1.7

**CONTROL BUILDING
AND SUBSTATION
ELEVATIONS**

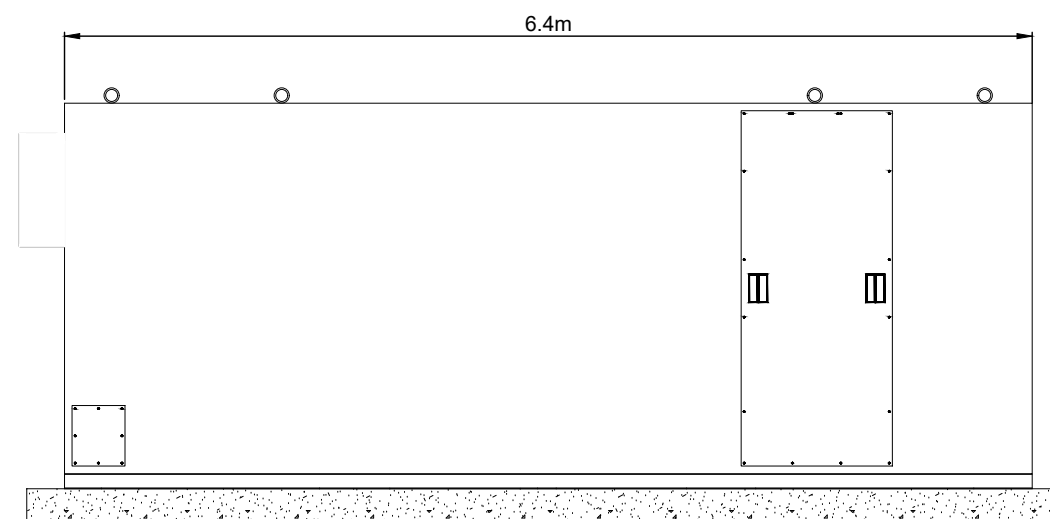
NOTES

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INDICATIVE CAPACITOR
BANK
SHEET 5 of 21.



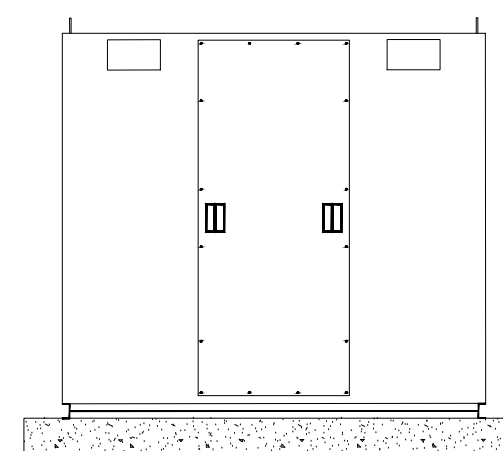
INDICATIVE CAPACITOR BANK - EXTERNAL LHS
SCALE - 1:25



INDICATIVE CAPACITOR BANK - EXTERNAL FRONT
SCALE - 1:25



INDICATIVE CAPACITOR BANK - EXTERNAL REAR
SCALE - 1:25



INDICATIVE CAPACITOR BANK - EXTERNAL RHS
SCALE - 1:25

LAYOUT DWG	N/A	T-LAYOUT NO.	N/A
DRAWING NUMBER	04398-RES-SUB-DR-PT-001	REV	1
SCALE - AS SHOWN @ A3			
ENVIRONMENTAL STATEMENT 2025			
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**MULLAGHCLOGHER
WIND FARM**

FIGURE 1.7

**CONTROL BUILDING
AND SUBSTATION
ELEVATIONS**

NOTES

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INDICATIVE REACTOR
SHEET 6 of 21.

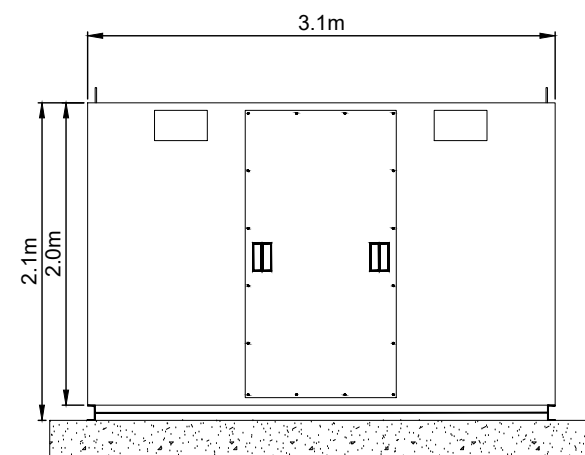
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DRAWING NUMBER	04398-RES-SUB-DR-PT-001	REV	1
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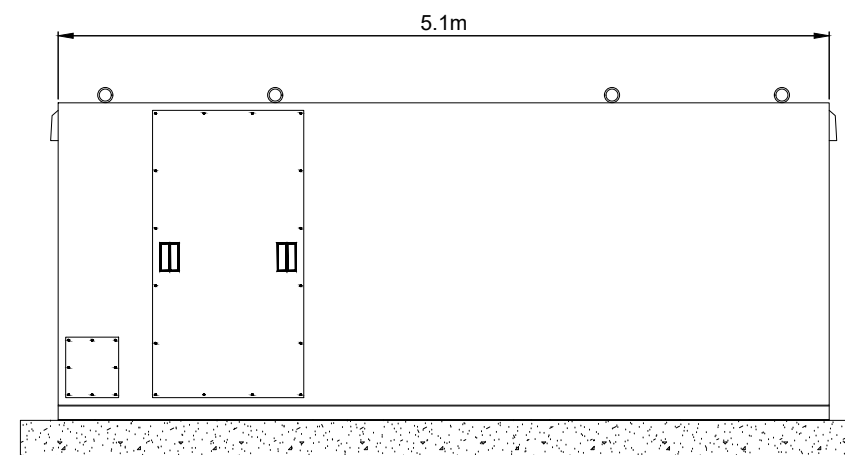
SCALE - AS SHOWN @ A3

**ENVIRONMENTAL STATEMENT
2025**

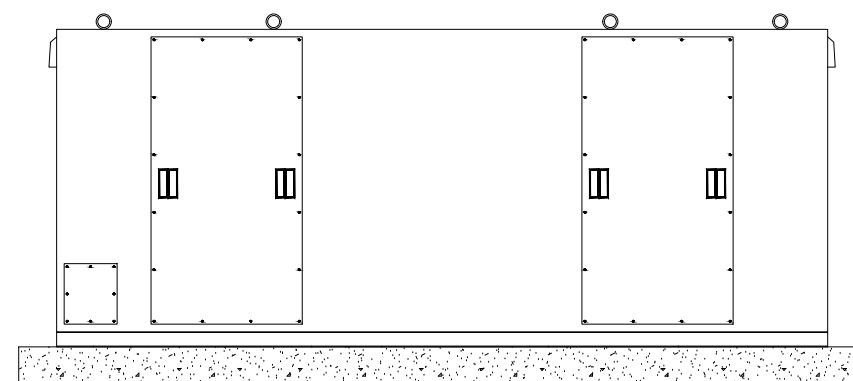
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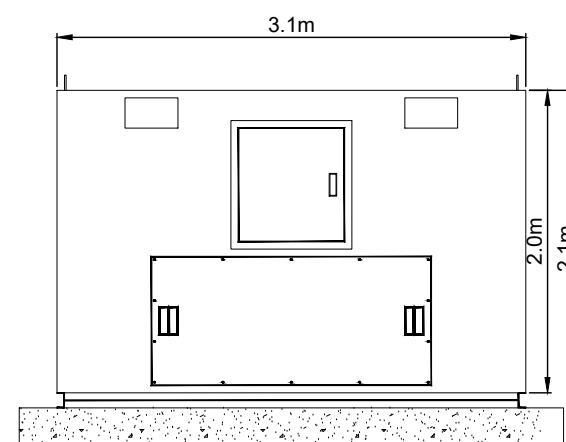
INDICATIVE REACTOR - EXTERNAL LHS
SCALE - 1:25



INDICATIVE REACTOR - EXTERNAL FRONT
SCALE - 1:25



INDICATIVE REACTOR - EXTERNAL REAR
SCALE - 1:25



INDICATIVE REACTOR - EXTERNAL RHS
SCALE - 1:25

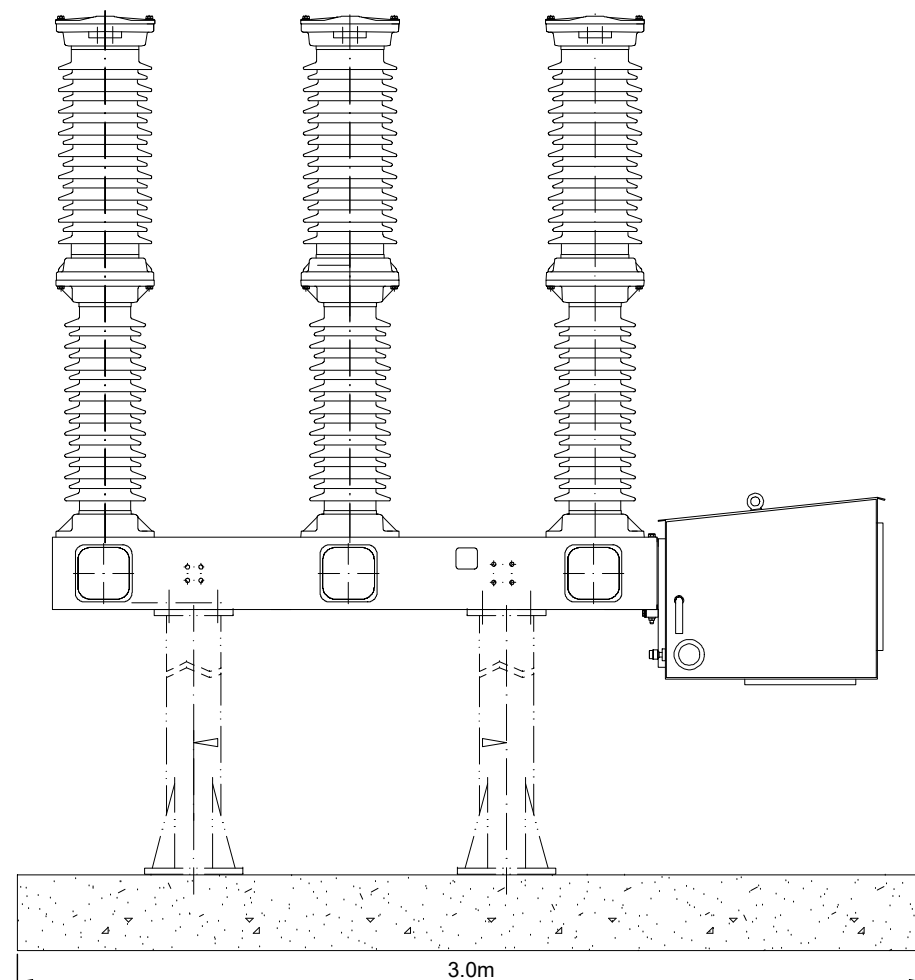
MULLAGHCLOGHER WIND FARM

FIGURE 1.7

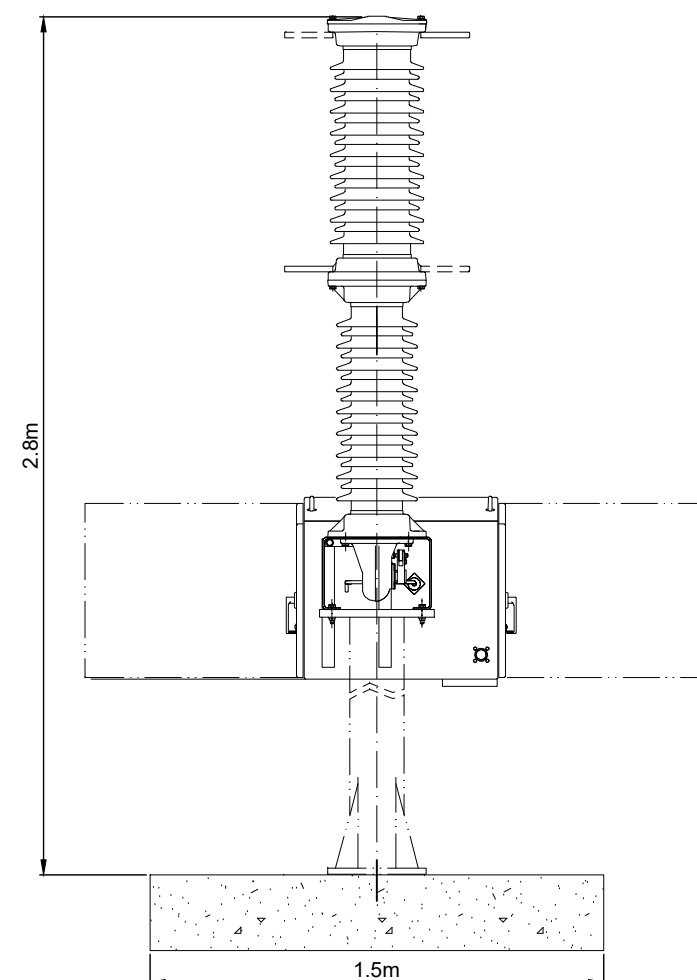
CONTROL BUILDING AND SUBSTATION ELEVATIONS

NOTES

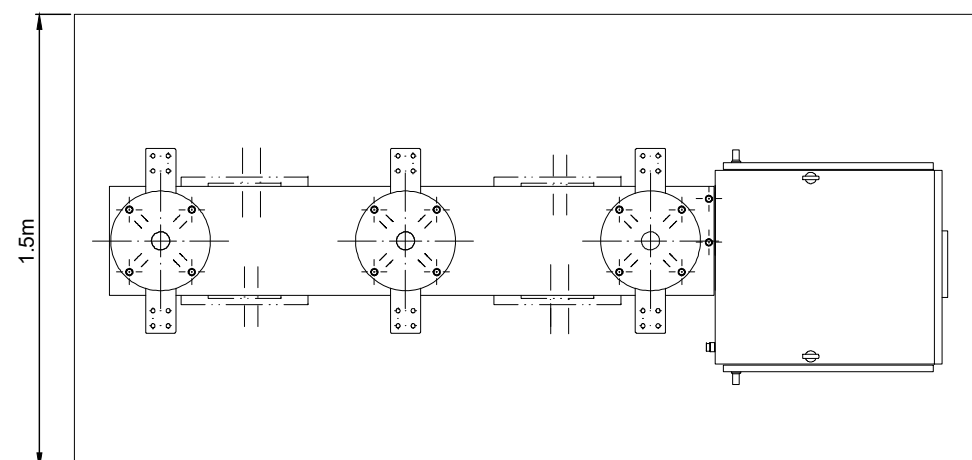
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**INDICATIVE CAPACITOR & REACTOR
CIRCUIT BREAKERS
- FRONT ELEVATION**
SCALE - 1:25



**INDICATIVE CAPACITOR & REACTOR
CIRCUIT BREAKERS
- SIDE ELEVATION**
SCALE - 1:25



**INDICATIVE CAPACITOR & REACTOR
CIRCUIT BREAKERS
- PLAN**
SCALE - 1:25

**INDICATIVE CAPACITOR
& REACTOR CIRCUIT
BREAKERS**
SHEET 7 of 21.

LAYOUT DWG	N/A	T-LAYOUT NO.	N/A
DRAWING NUMBER	04398-RES-SUB-DR-PT-001	REV	1
SCALE - AS SHOWN @ A3			
ENVIRONMENTAL STATEMENT 2025			
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**MULLAGHCLOGHER
WIND FARM**

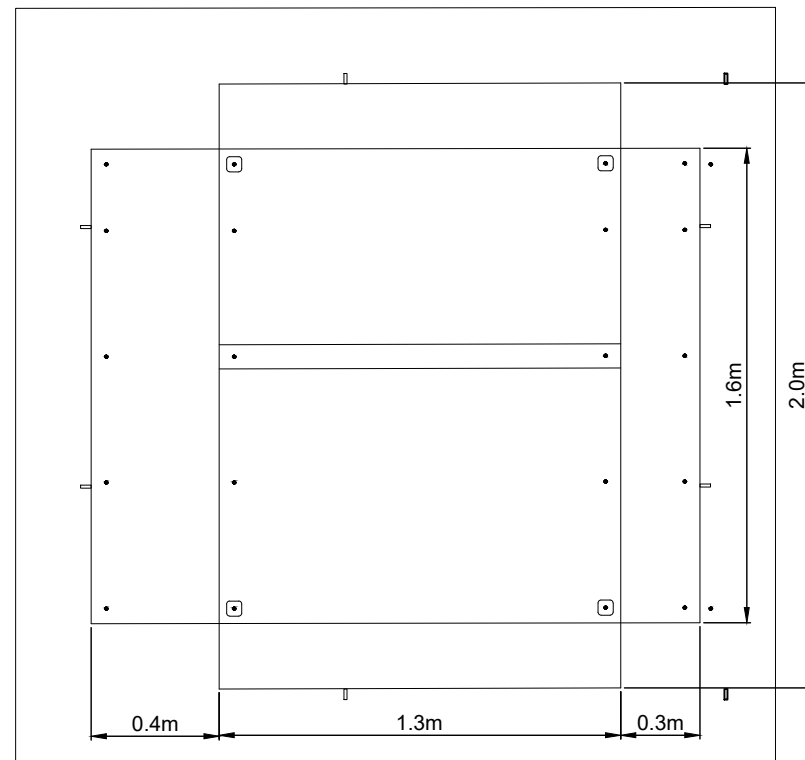
FIGURE 1.7

**CONTROL BUILDING
AND SUBSTATION
ELEVATIONS**

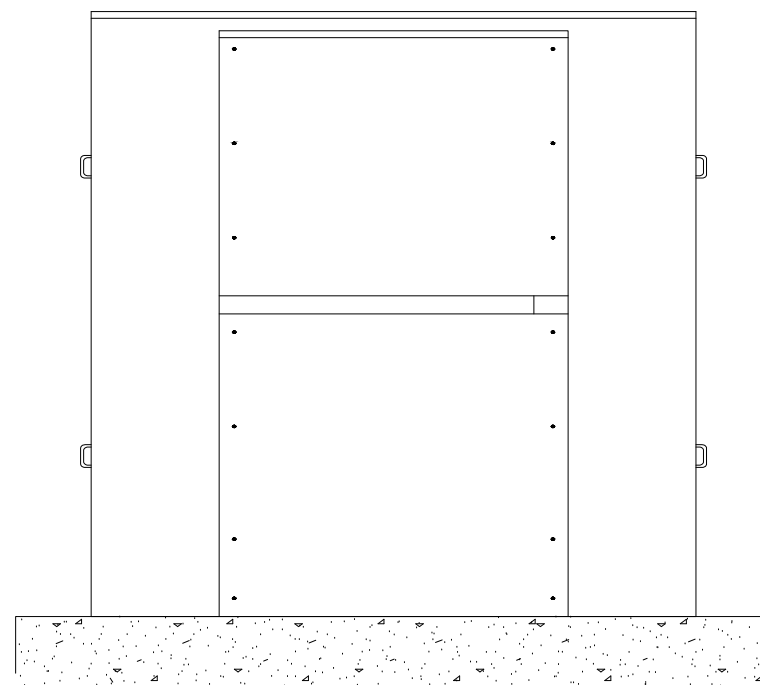
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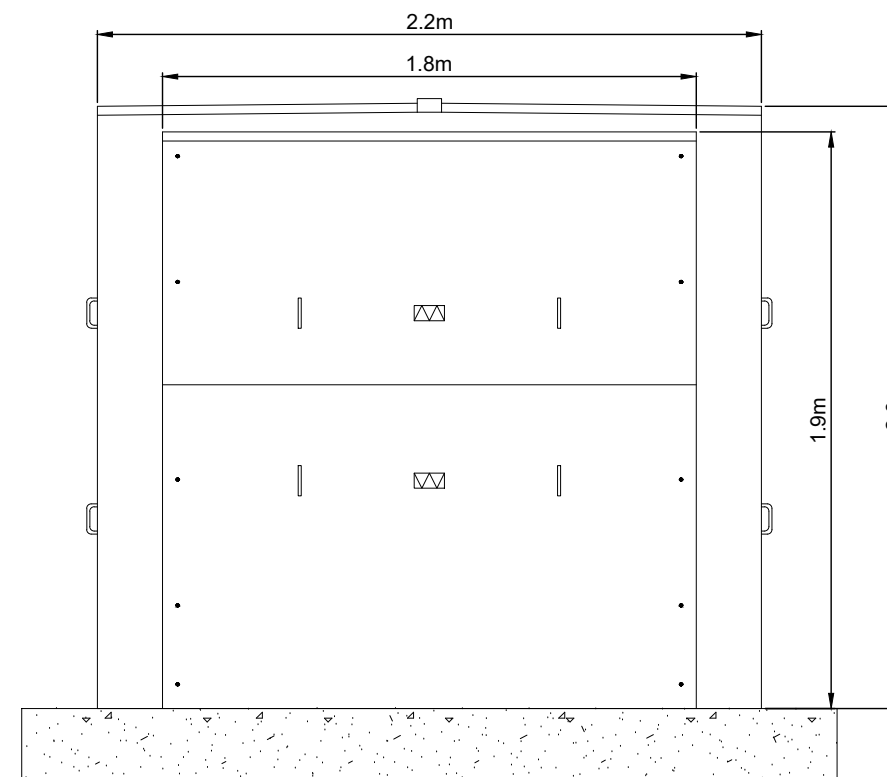
INDICATIVE NEUTRAL
EARTHING RESISTOR
SHEET 8 of 21.



**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

LAYOUT DWG	N/A	T-LAYOUT NO.	N/A
DRAWING NUMBER	04398-RES-SUB-DR-PT-001		REV 1
SCALE - AS SHOWN @ A3			
ENVIRONMENTAL STATEMENT 2025			
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**MULLAGHCLOGHER
WIND FARM**

FIGURE 1.7

**CONTROL BUILDING
AND SUBSTATION
ELEVATIONS**

NOTES

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INDICATIVE
PRE-INSERTION
RESISTOR
SHEET 9 of 21.

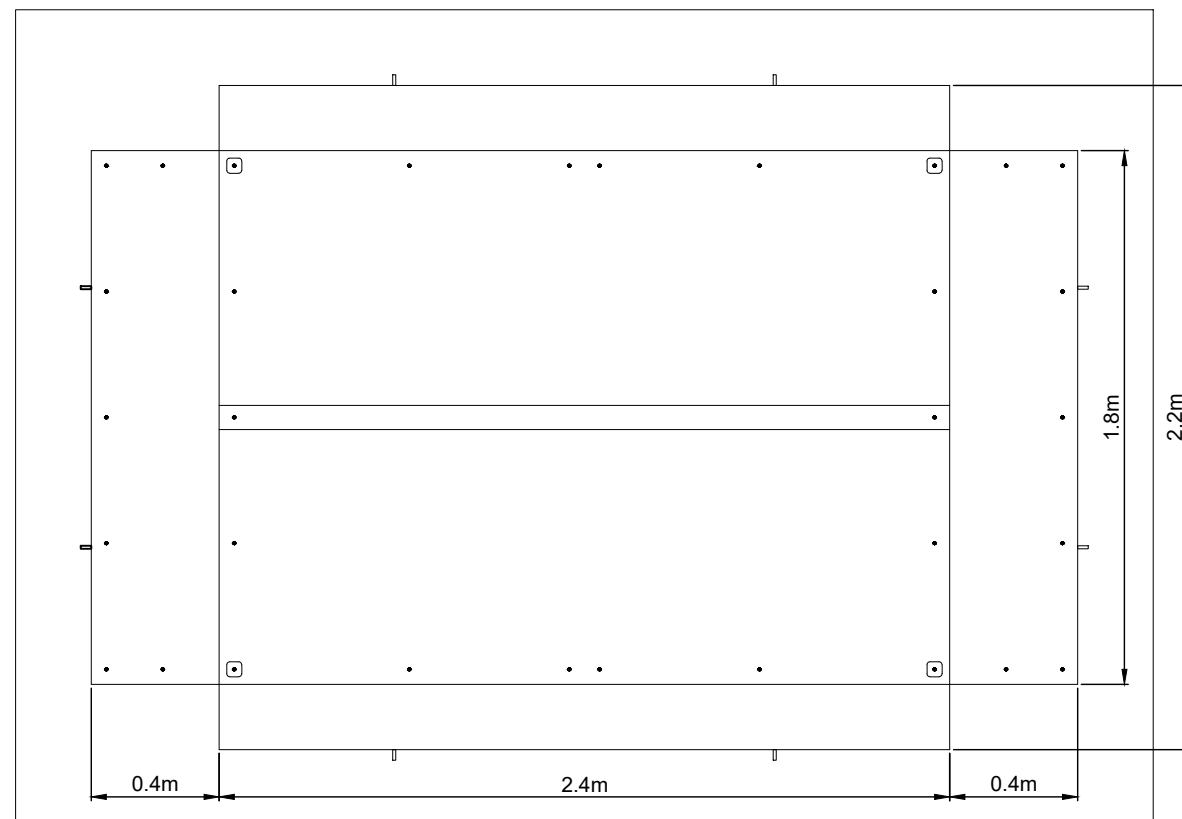
LAYOUT DWG N/A T-LAYOUT NO. N/A

DRAWING NUMBER 04398-RES-SUB-DR-PT-001 REV 1

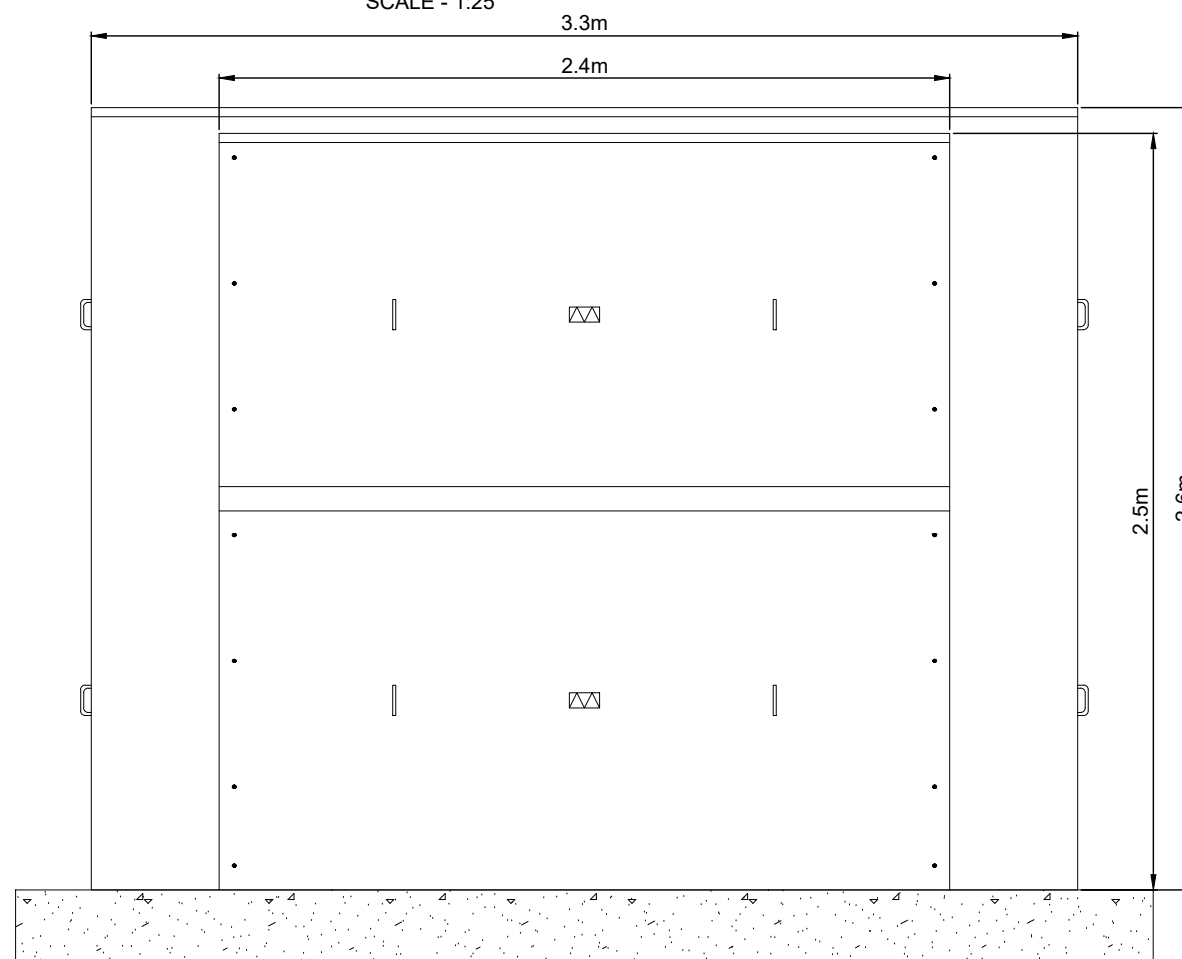
SCALE - AS SHOWN @ A3

**ENVIRONMENTAL STATEMENT
2025**

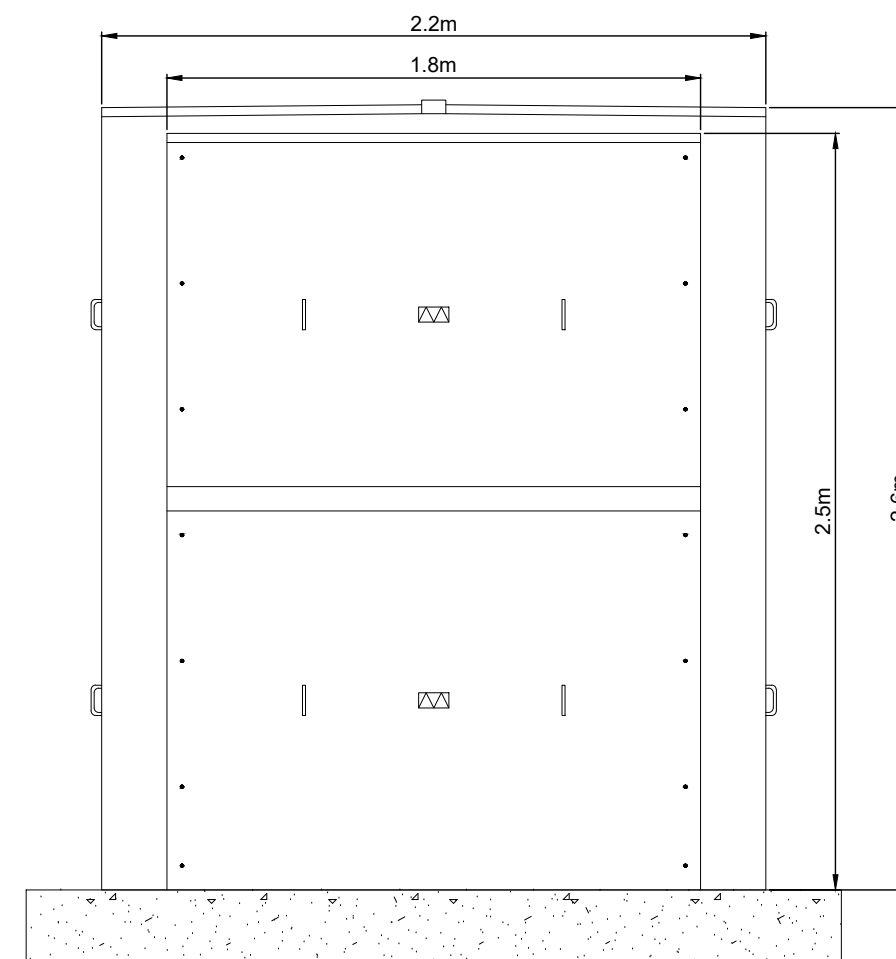
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**INDICATIVE PRE-INSERTION RESISTOR -
PLAN VIEW**
SCALE - 1:25



**INDICATIVE PRE-INSERTION RESISTOR -
FRONT ELEVATION**
SCALE - 1:25



**INDICATIVE PRE-INSERTION RESISTOR -
SIDE ELEVATION**
SCALE - 1:25



**MULLAGHCLOGHER
WIND FARM**

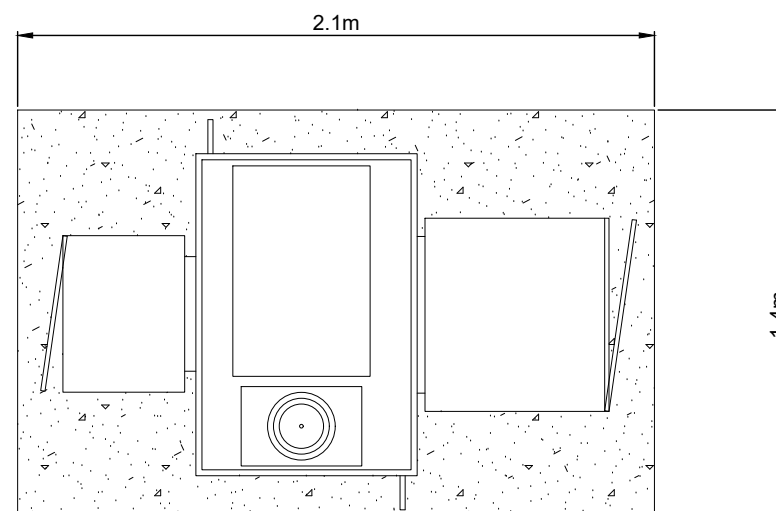
FIGURE 1.7

**CONTROL BUILDING
AND SUBSTATION
ELEVATIONS**

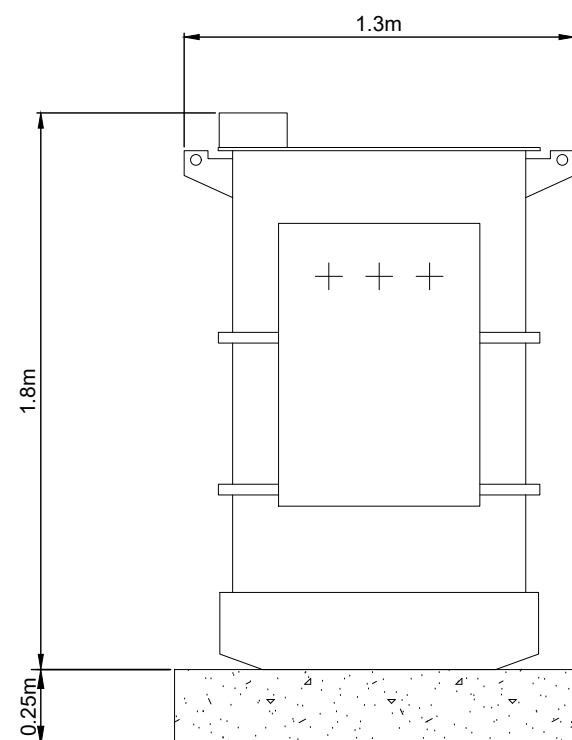
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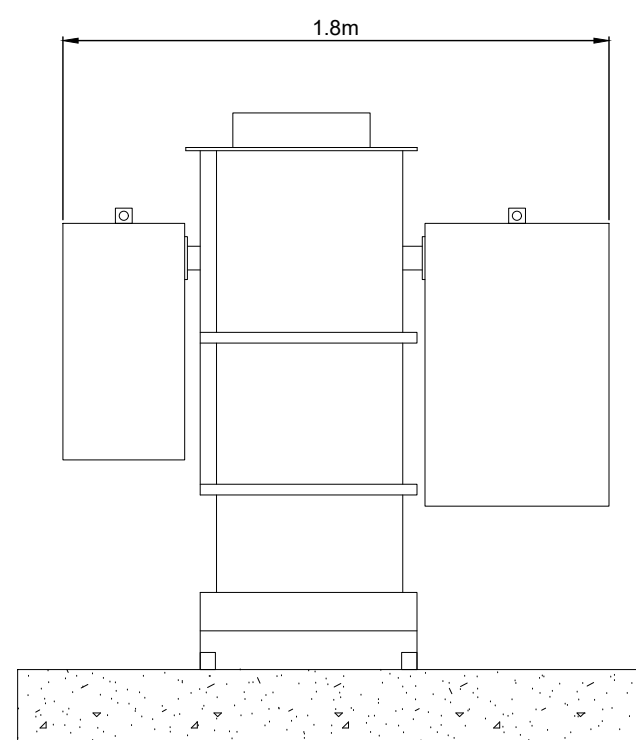
INDICATIVE AUXILIARY
TRANSFORMER
SHEET 10 of 21.



**INDICATIVE AUXILIARY TRANSFORMER -
PLAN VIEW**
SCALE - 1:25



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



**INDICATIVE AUXILIARY TRANSFORMER -
FRONT ELEVATION**
SCALE - 1:25

LAYOUT DWG N/A T-LAYOUT NO. N/A

DRAWING NUMBER 04398-RES-SUB-DR-PT-001 REV 1

SCALE - AS SHOWN @ A3

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**MULLAGHCLOGHER
WIND FARM**

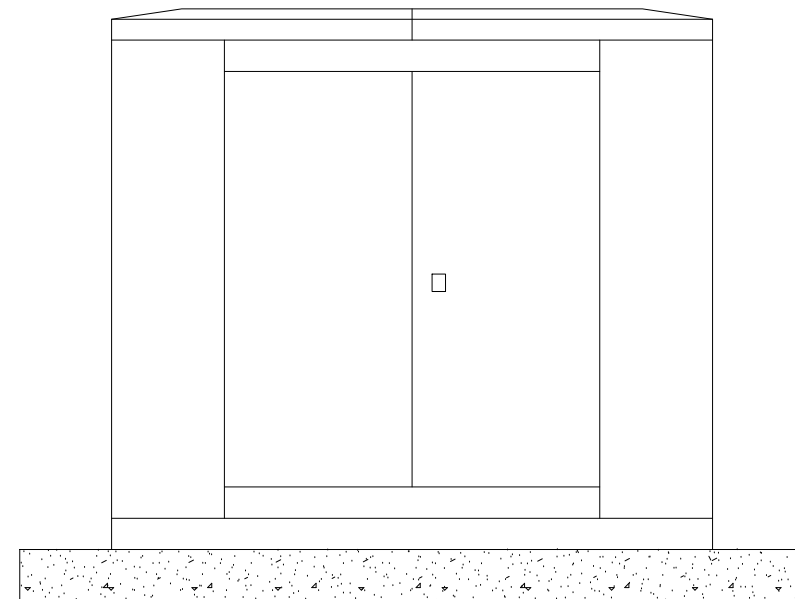
FIGURE 1.7

**CONTROL BUILDING
AND SUBSTATION
ELEVATIONS**

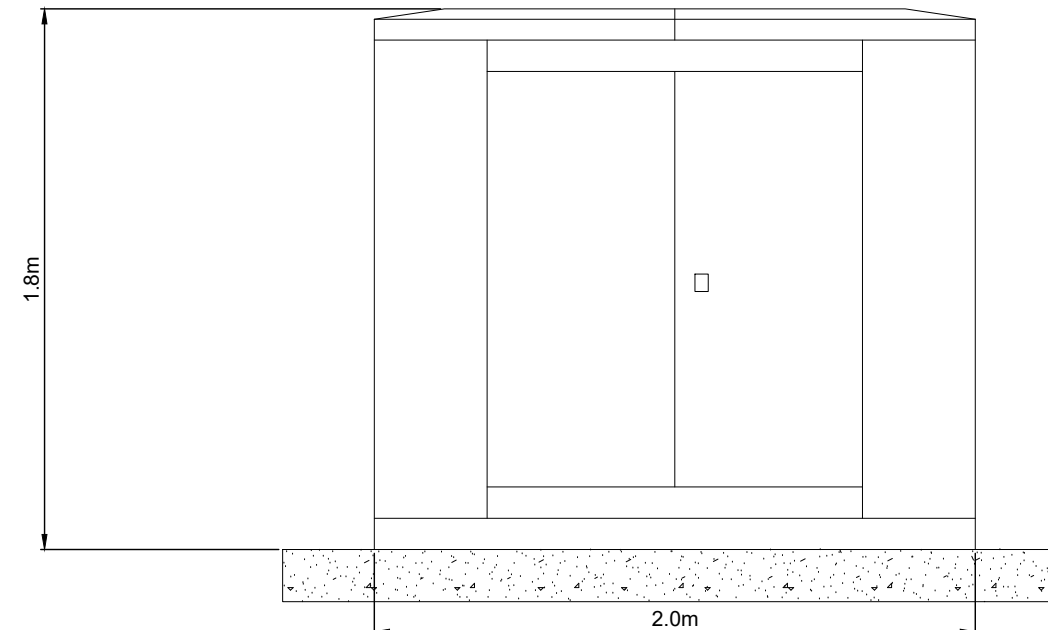
NOTES

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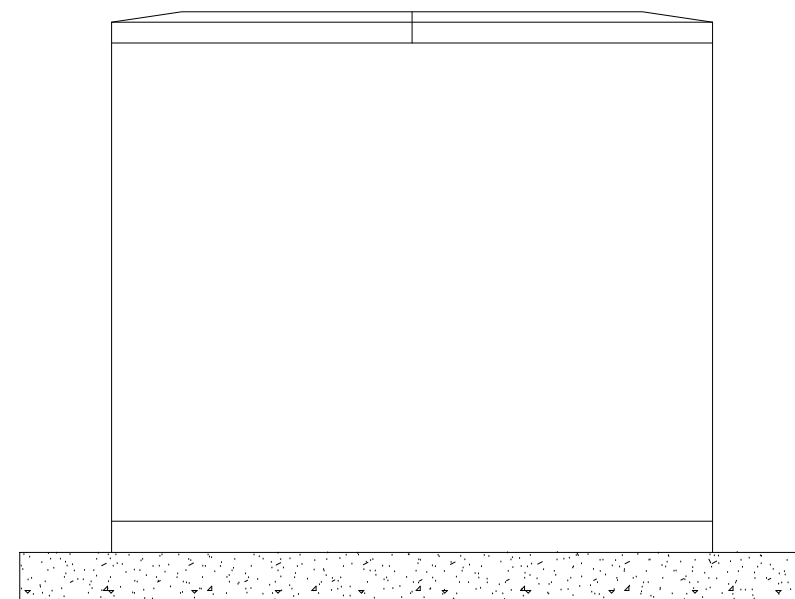
DIESEL GENERATOR
SHEET 11 of 21.



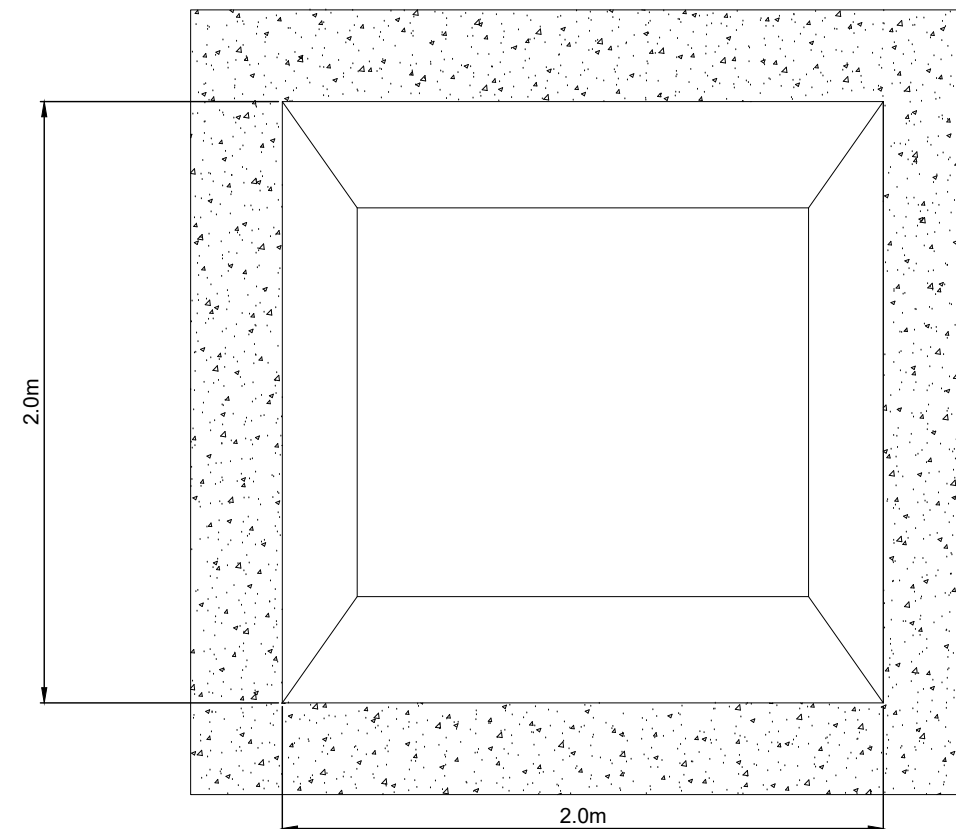
**DIESEL GENERATOR - FRONT
ELEVATION**
SCALE - 1:25



DIESEL GENERATOR - REAR ELEVATION
SCALE - 1:25



DIESEL GENERATOR - SIDE VIEW
SCALE - 1:25



DIESEL GENERATOR - PLAN VIEW
SCALE - 1:25

LAYOUT DWG N/A T-LAYOUT NO. N/A

DRAWING NUMBER 04398-RES-SUB-DR-PT-001 REV 1

SCALE - AS SHOWN @ A3

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**MULLAGHCLOGHER
WIND FARM**

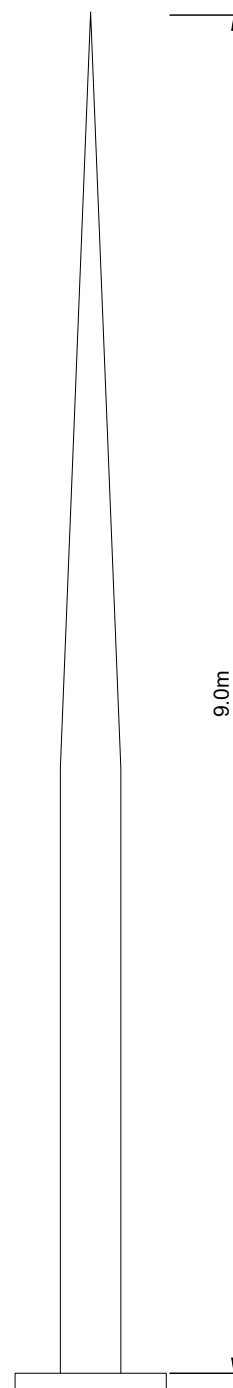
FIGURE 1.7

**CONTROL BUILDING
AND SUBSTATION
ELEVATIONS**

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LIGHTNING PROTECTION
COLUMN
SHEET 12 of 21.



INDICATIVE LIGHTNING PROTECTION COLUMN
SCALE - 1:50

LAYOUT DWG	N/A	T-LAYOUT NO.	N/A
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DRAWING NUMBER	REV
04398-RES-SUB-DR-PT-001	1

SCALE - AS SHOWN @ A3

**ENVIRONMENTAL STATEMENT
2025**

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MULLAGHCLOGHER WIND FARM

FIGURE 1.7

CONTROL BUILDING AND SUBSTATION ELEVATIONS

NOTES

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GRID TRANSFORMER
SHEET 13 of 21.

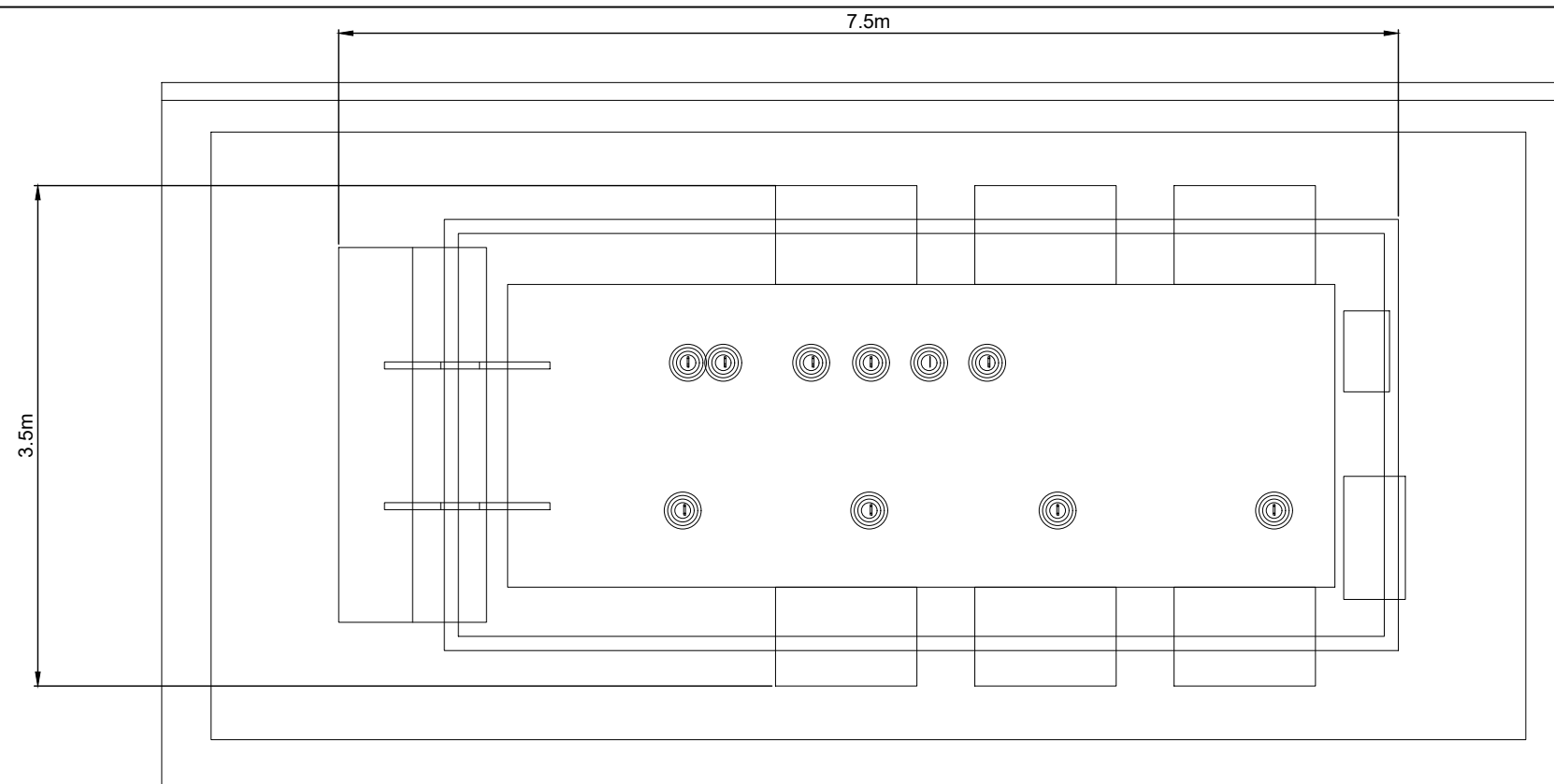
LAYOUT DWG	N/A	T-LAYOUT NO.	N/A
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DRAWING NUMBER	04398-RES-SUB-DR-PT-001	REV	1
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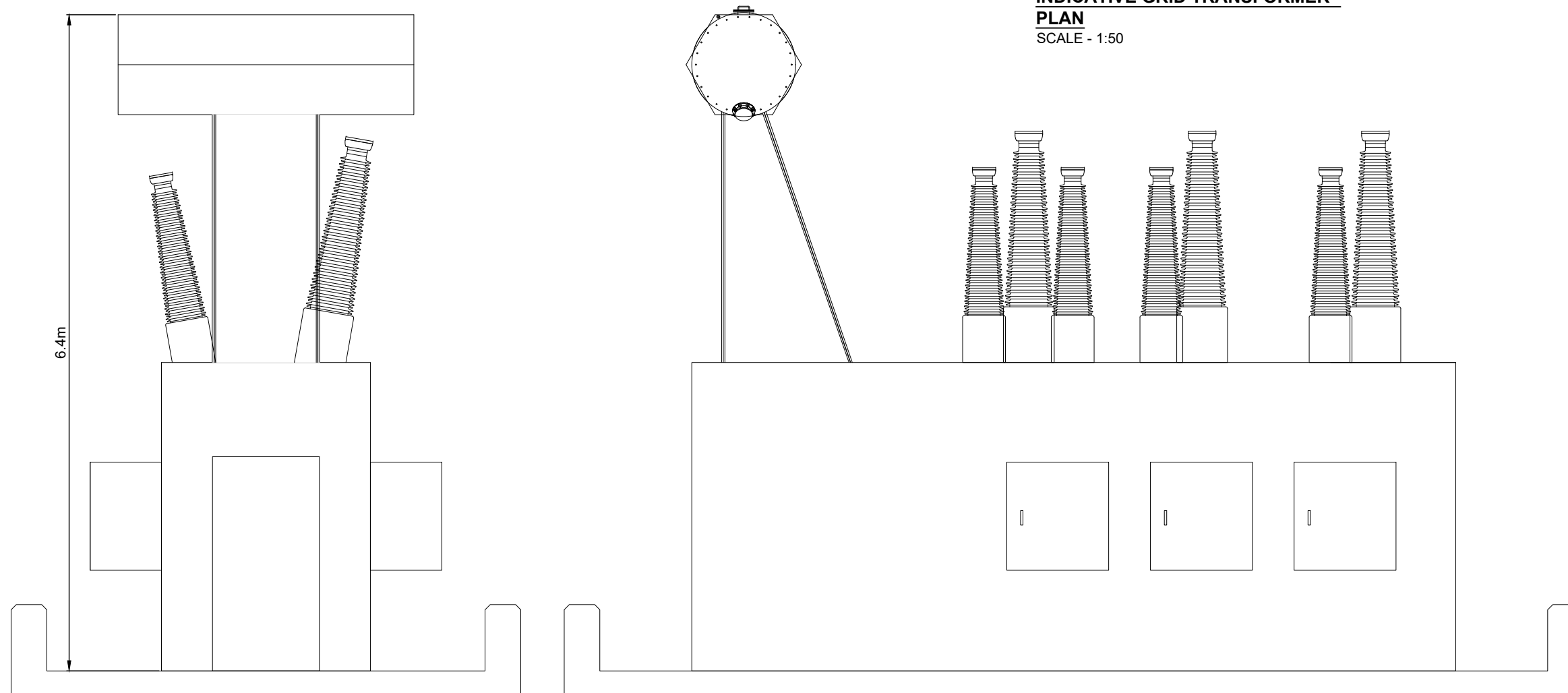
SCALE - AS SHOWN @ A3

**ENVIRONMENTAL STATEMENT
2025**

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**INDICATIVE GRID TRANSFORMER -
PLAN**
SCALE - 1:50



**INDICATIVE GRID TRANSFORMER -
FRONT ELEVATION**
SCALE - 1:50

**INDICATIVE GRID TRANSFORMER - SIDE
VIEW**
SCALE - 1:50



**MULLAGHCLOGHER
WIND FARM**

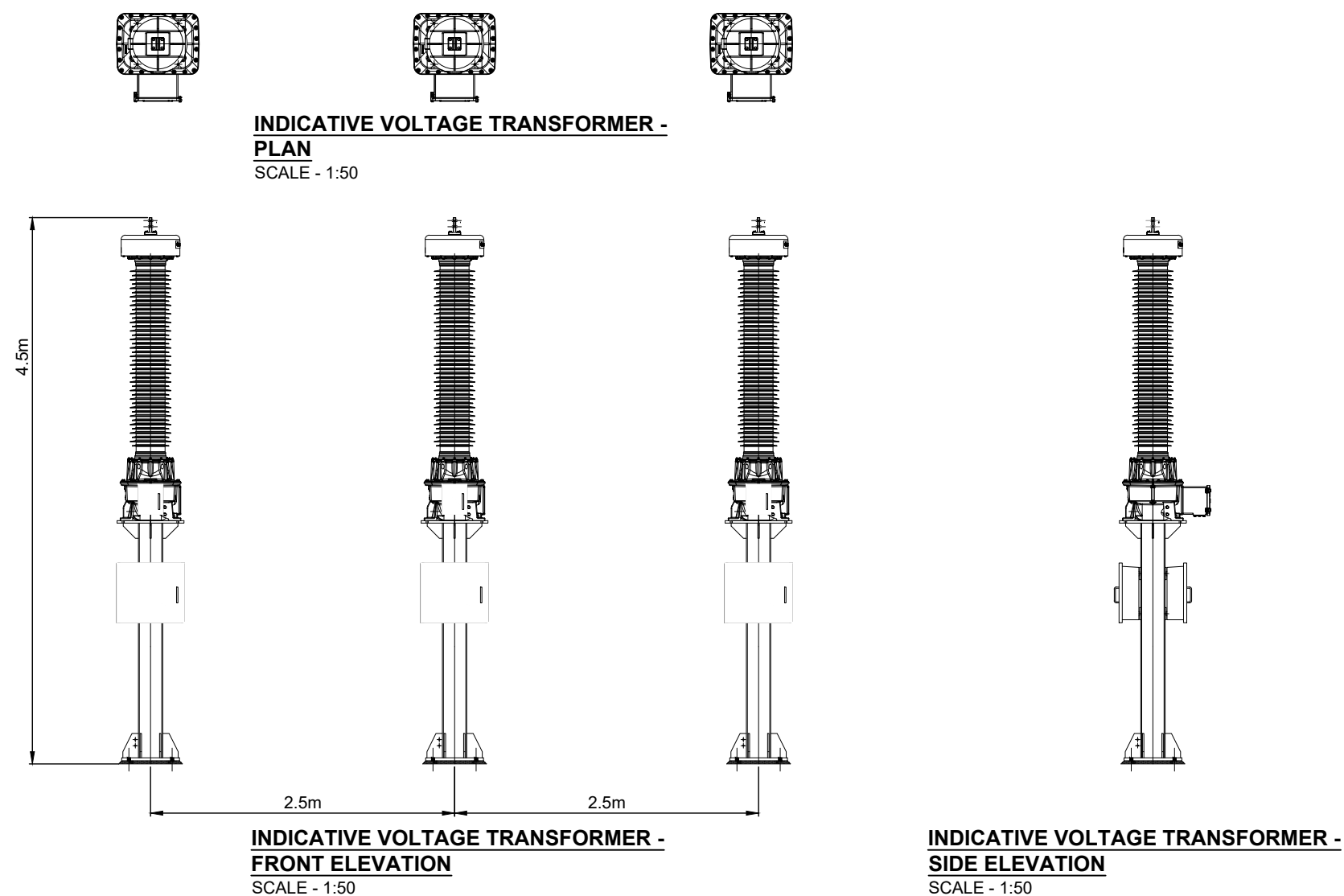
FIGURE 1.7

**CONTROL BUILDING
AND SUBSTATION
ELEVATIONS**

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VOLTAGE
TRANSFORMER
SHEET 14 of 21.



LAYOUT DWG N/A T-LAYOUT NO. N/A

DRAWING NUMBER 04398-RES-SUB-DR-PT-001 REV 1

SCALE - AS SHOWN @ A3

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2025**

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**MULLAGHCLOGHER
WIND FARM**

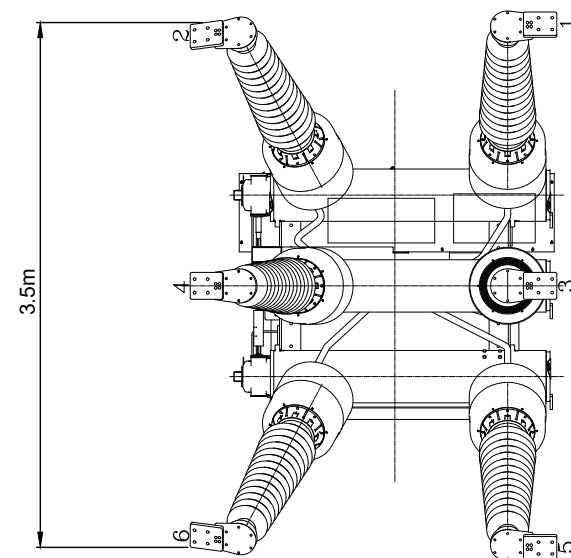
FIGURE 1.7

**CONTROL BUILDING
AND SUBSTATION
ELEVATIONS**

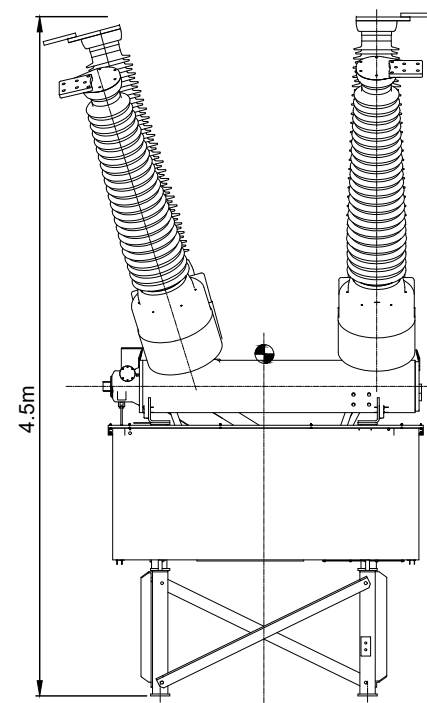
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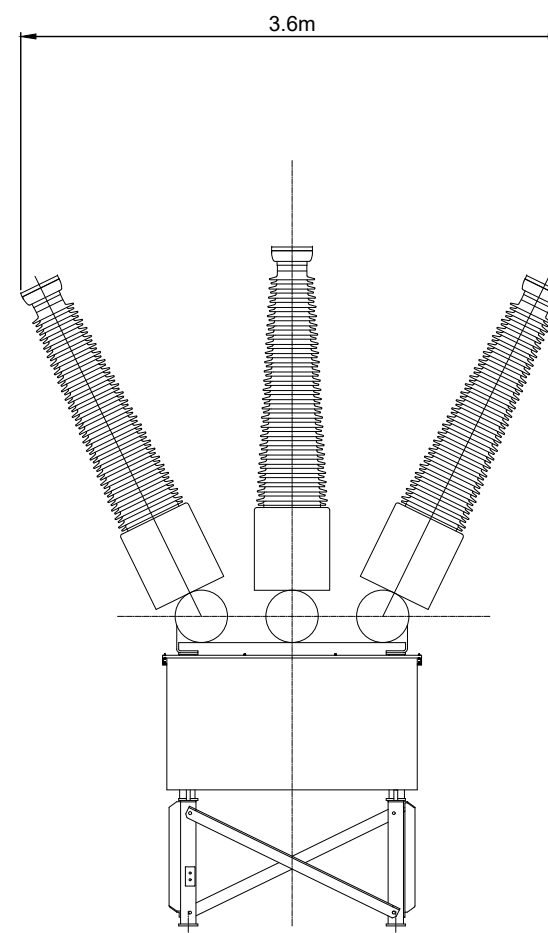
110kV CIRCUIT BREAKER
SHEET 15 of 21.



INDICATIVE 110kV CB - PLAN
SCALE - 1:50



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



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

LAYOUT DWG N/A T-LAYOUT NO. N/A

DRAWING NUMBER 04398-RES-SUB-DR-PT-001 REV 1

SCALE - AS SHOWN @ A3

**ENVIRONMENTAL STATEMENT
2025**

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MULLAGHCLOGHER WIND FARM

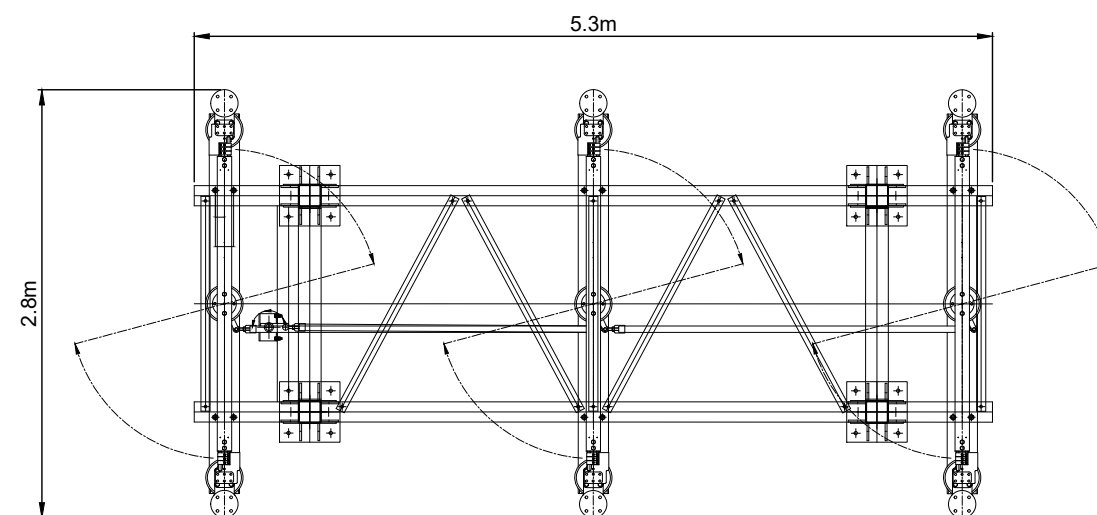
FIGURE 1.7

CONTROL BUILDING AND SUBSTATION ELEVATIONS

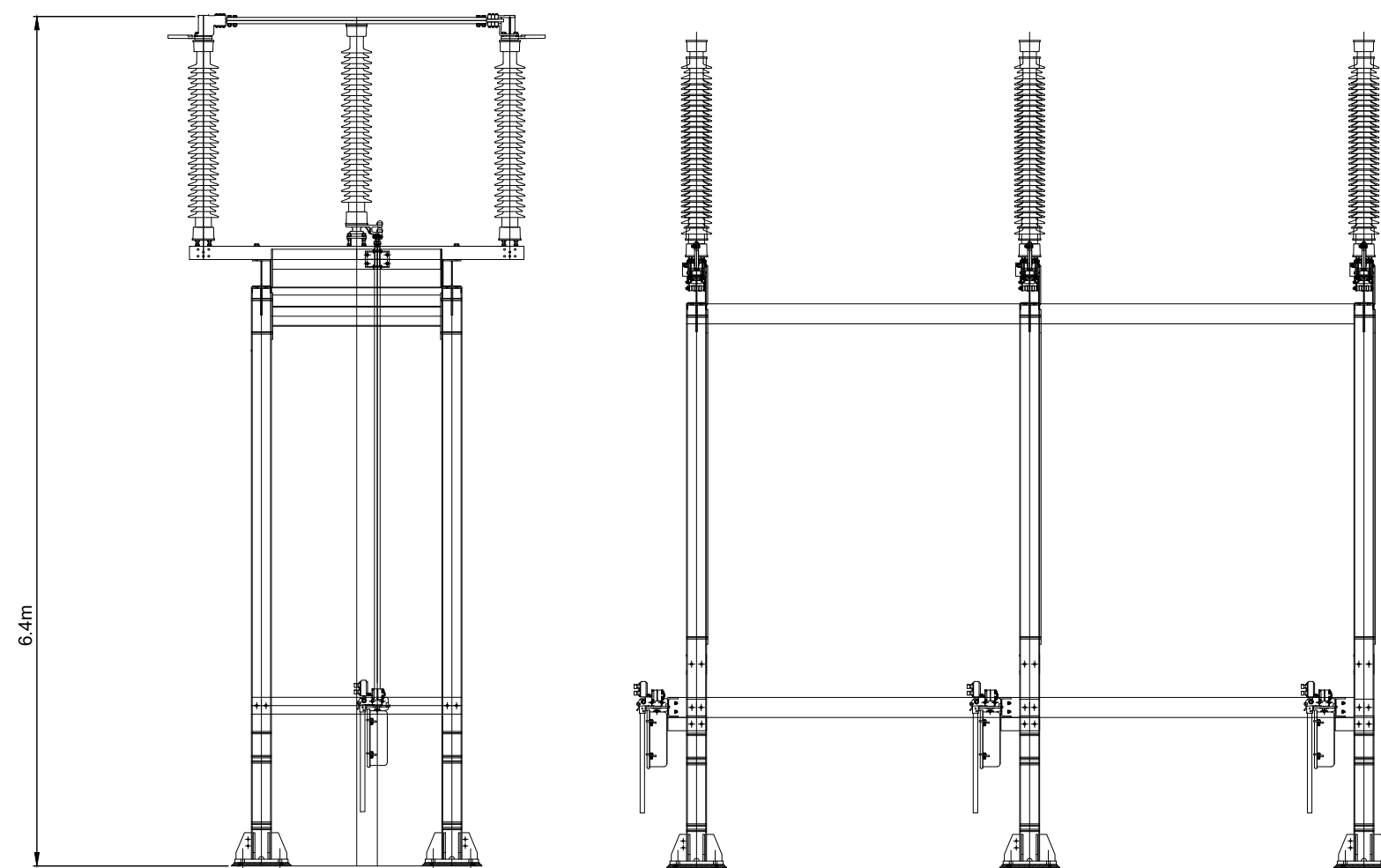
NOTES

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

110kV DISCONNECTOR
SHEET 16 of 21.



HIGH LEVEL DISCONNECTOR - PLAN
SCALE - 1:50



**HIGH LEVEL DISCONNECTOR - SIDE
ELEVATION**
SCALE - 1:50

**HIGH LEVEL DISCONNECTOR - FRONT
ELEVATION**
SCALE - 1:50

LAYOUT DWG N/A T-LAYOUT NO. N/A

DRAWING NUMBER 04398-RES-SUB-DR-PT-001 REV 1

SCALE - AS SHOWN @ A3

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**MULLAGHCLOGHER
WIND FARM**

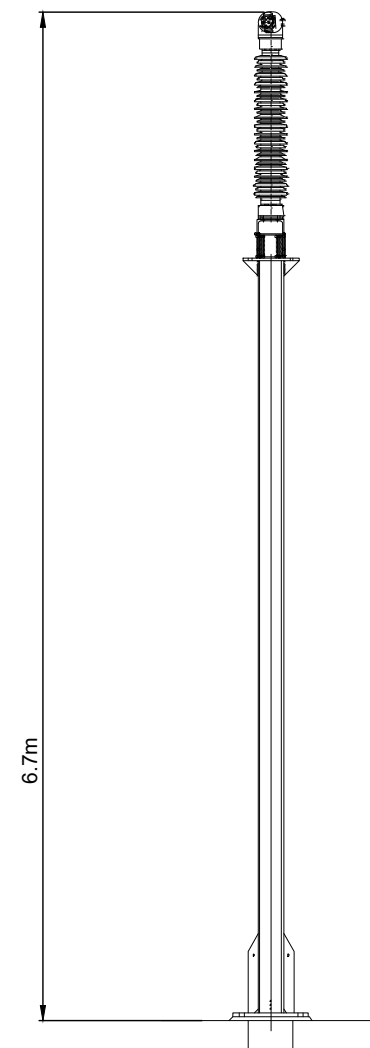
FIGURE 1.7

**CONTROL BUILDING
AND SUBSTATION
ELEVATIONS**

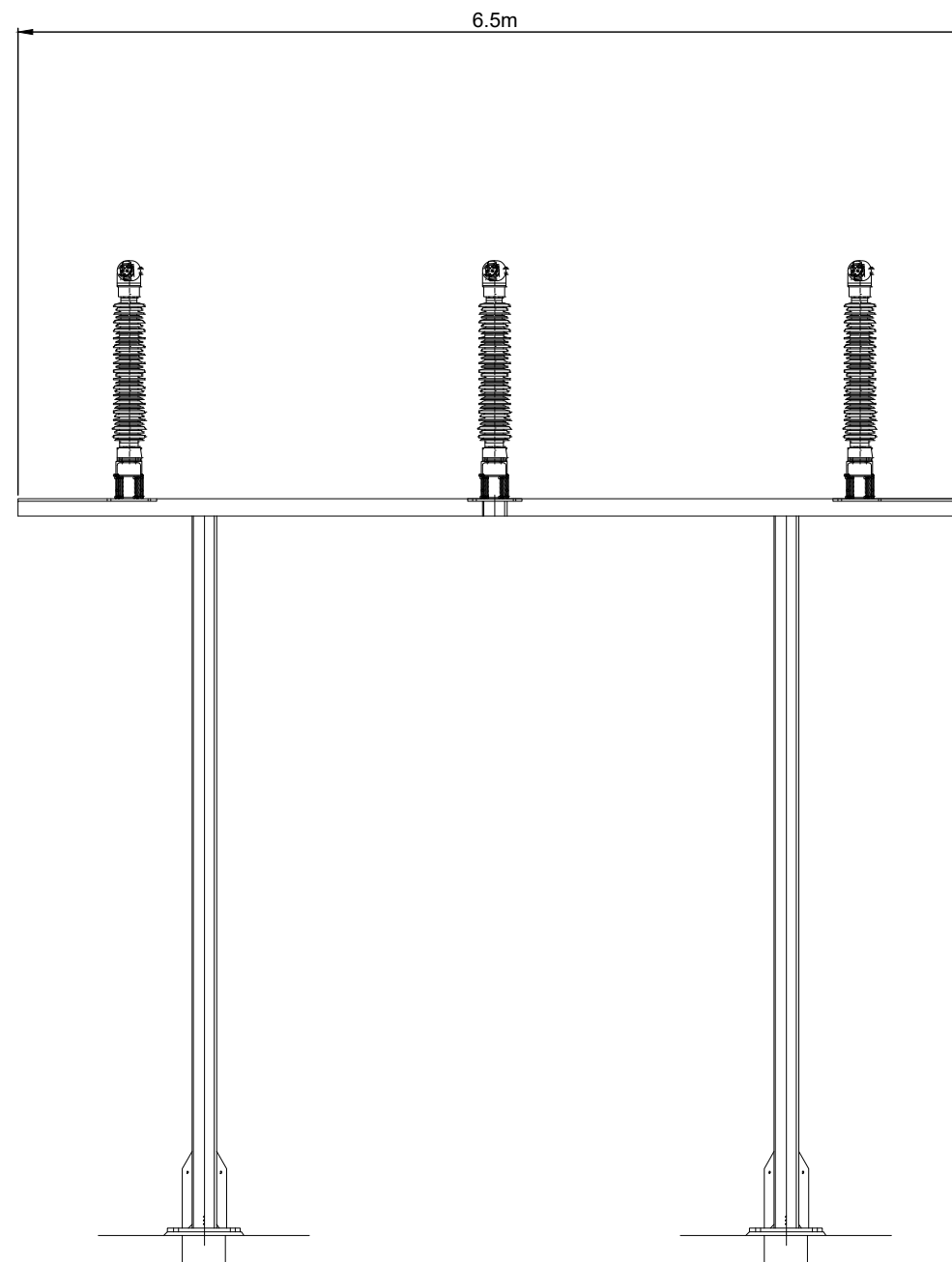
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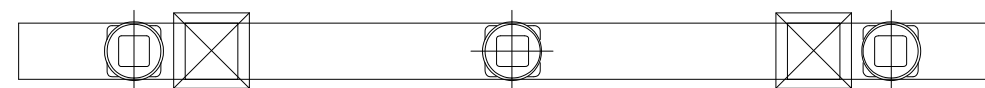
POST INSULATOR
SHEET 17 of 21.



**INDICATIVE POST INSULATOR - SIDE
ELEVATION**
SCALE - 1:50



**INDICATIVE POST INSULATOR - FRONT
ELEVATION**
SCALE - 1:50



INDICATIVE POST INSULATOR - PLAN
SCALE - 1:50

LAYOUT DWG N/A T-LAYOUT NO. N/A

DRAWING NUMBER 04398-RES-SUB-DR-PT-001 REV 1

SCALE - AS SHOWN @ A3

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MULLAGHCLOGHER WIND FARM

FIGURE 1.7

CONTROL BUILDING AND SUBSTATION ELEVATIONS

NOTES

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110kV DISCONNECTOR
SHEET 18 of 21.

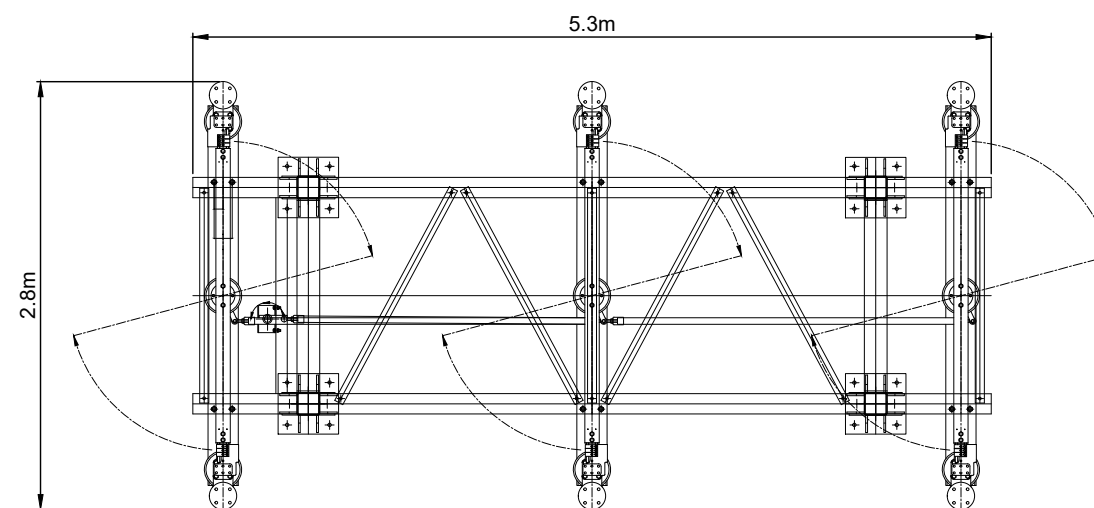
LAYOUT DWG N/A T-LAYOUT NO. N/A

DRAWING NUMBER 04398-RES-SUB-DR-PT-001 REV 1

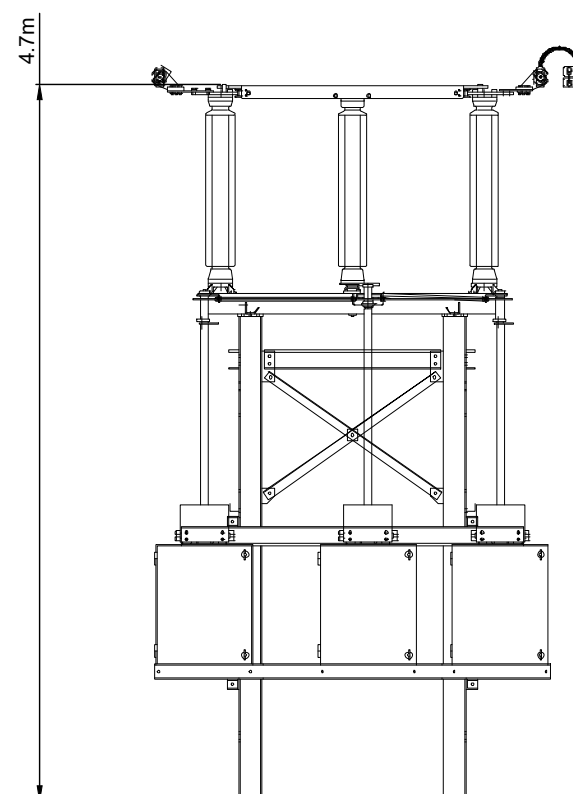
SCALE - AS SHOWN @ A3

ENVIRONMENTAL STATEMENT
2025

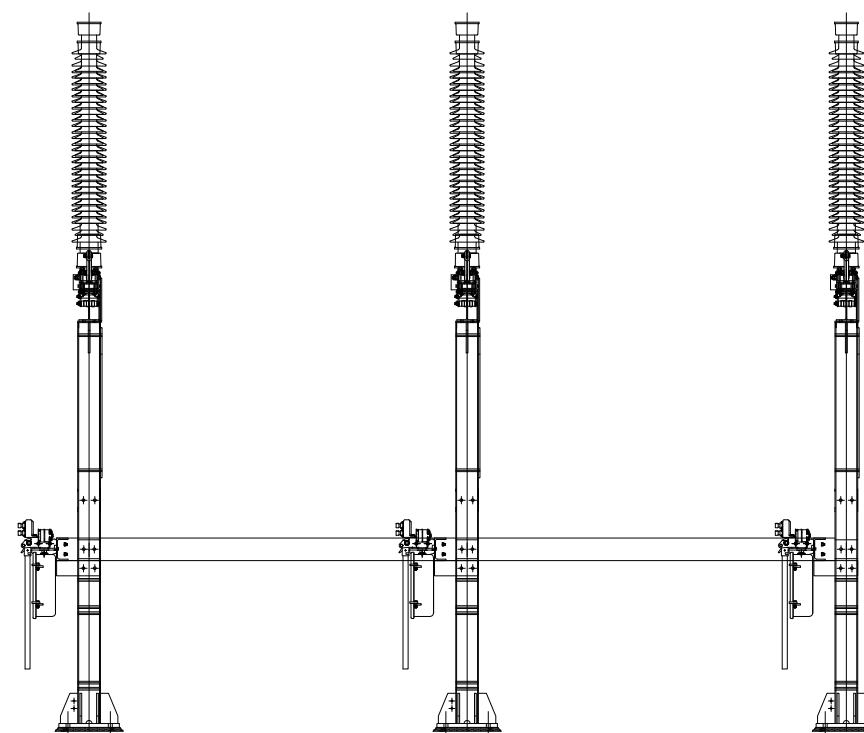
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DISCONNECTOR - PLAN
SCALE - 1:50



DISCONNECTOR - SIDE ELEVATION
SCALE - 1:50



DISCONNECTOR - FRONT ELEVATION
SCALE - 1:50



**MULLAGHCLOGHER
WIND FARM**

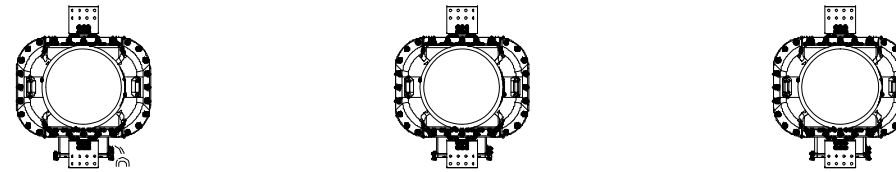
FIGURE 1.7

**CONTROL BUILDING
AND SUBSTATION
ELEVATIONS**

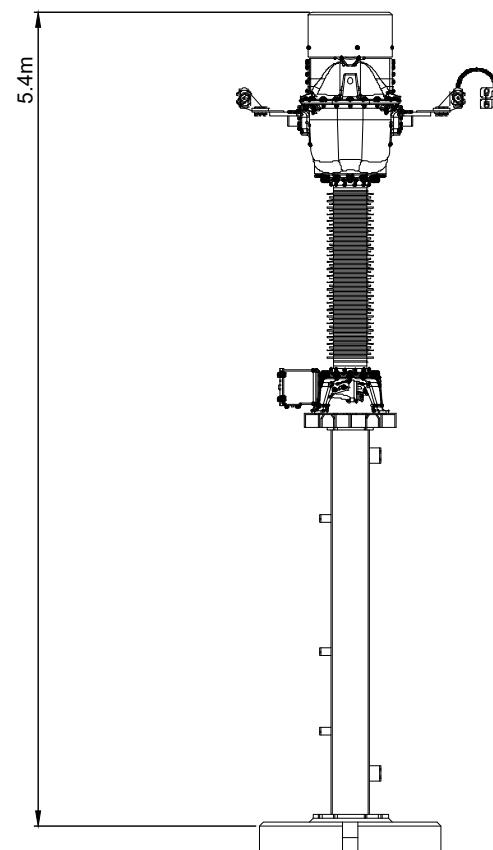
NOTES

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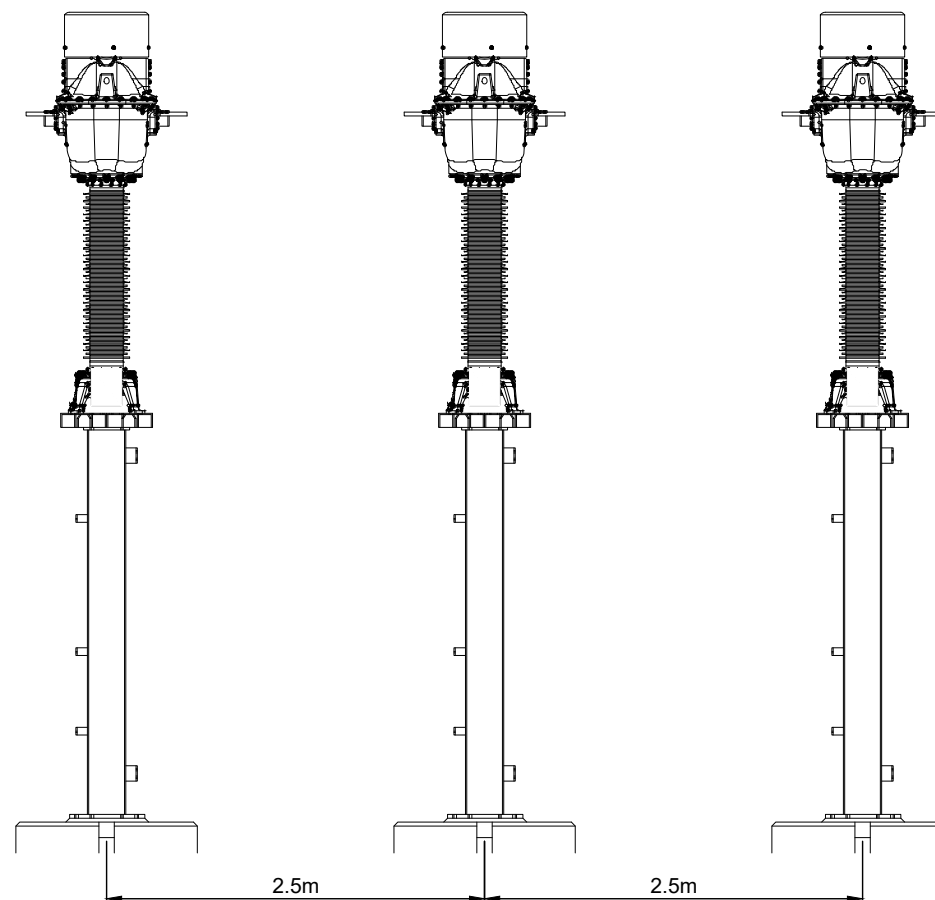
CURRENT
TRANSFORMER
SHEET 19 of 21.



CURRENT TRANSFORMER- PLAN
SCALE - 1:50



**CURRENT TRANSFORMER- SIDE
ELEVATION**
SCALE - 1:50



**CURRENT TRANSFORMER- FRONT
ELEVATION**
SCALE - 1:50

LAYOUT DWG N/A T-LAYOUT NO. N/A

DRAWING NUMBER 04398-RES-SUB-DR-PT-001 REV 1

SCALE - AS SHOWN @ A3

**ENVIRONMENTAL STATEMENT
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**MULLAGHCLOGHER
WIND FARM**

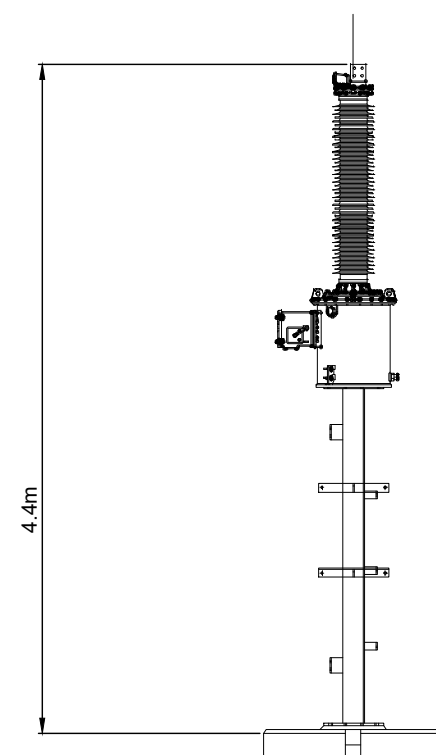
FIGURE 1.7

**CONTROL BUILDING
AND SUBSTATION
ELEVATIONS**

NOTES

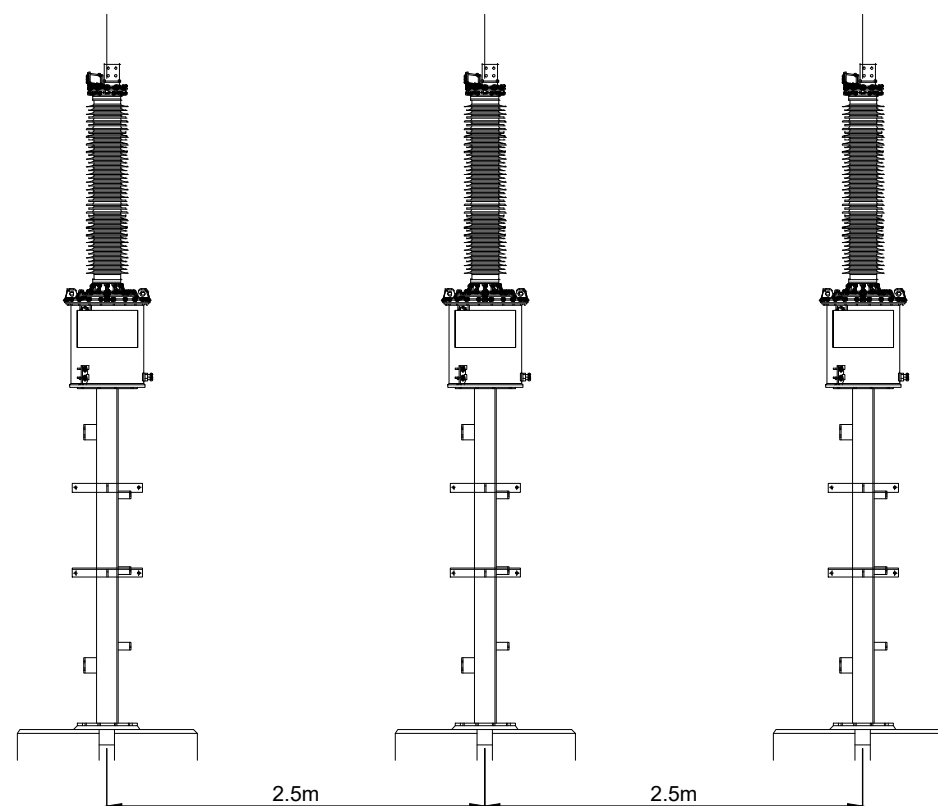
1. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
2. THIS DRAWING IS PRELIMINARY AND SUBJECT TO CHANGE AT THE DETAILED DESIGN STAGE.

VOLTAGE
TRANSFORMER
SHEET 20 of 21.



**VOLTAGE TRANSFORMER- SIDE
ELEVATION**

SCALE - 1:50



**VOLTAGE TRANSFORMER- FRONT
ELEVATION**

SCALE - 1:50

LAYOUT DWG N/A T-LAYOUT NO. N/A

DRAWING NUMBER 04398-RES-SUB-DR-PT-001 REV 1

SCALE - AS SHOWN @ A3

**ENVIRONMENTAL STATEMENT
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MULLAGHCLOGHER WIND FARM

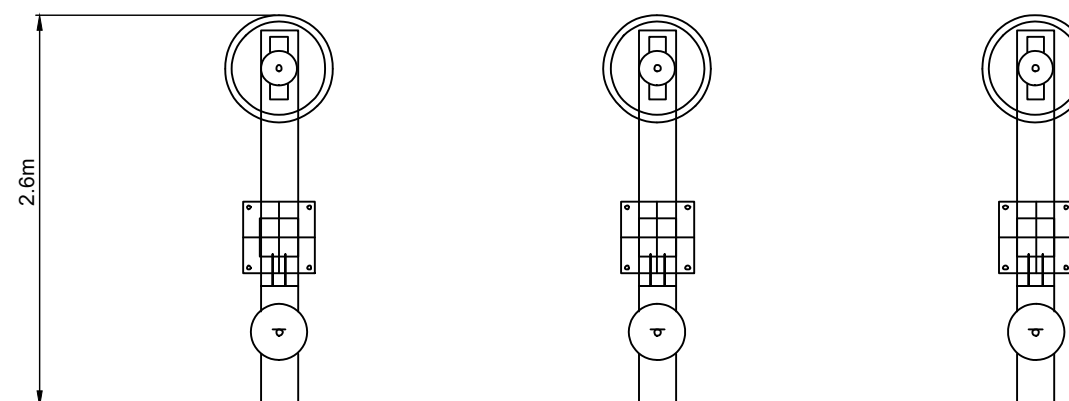
FIGURE 1.7

CONTROL BUILDING AND SUBSTATION ELEVATIONS

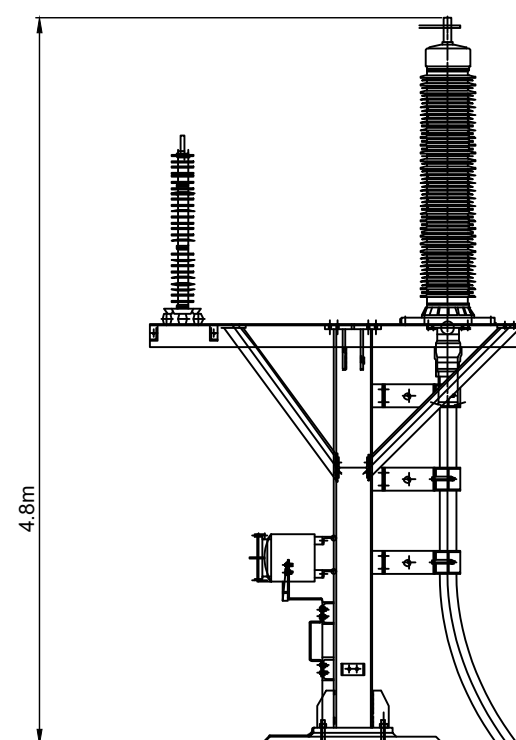
NOTES

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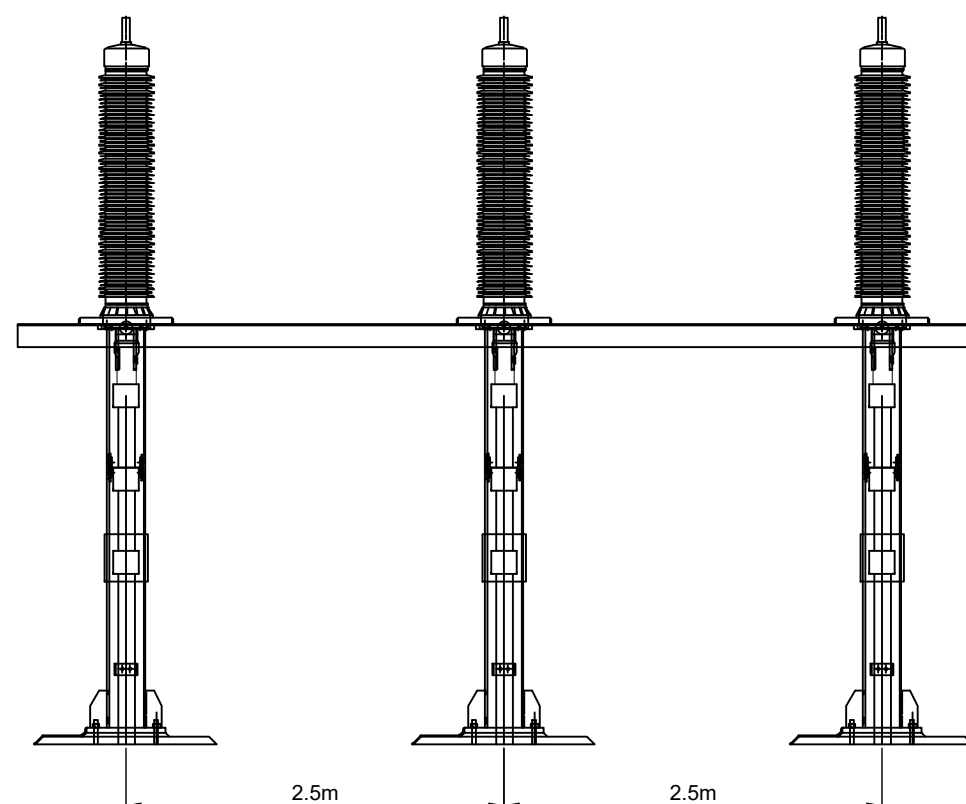
CABLE SEALING END
AND SURGE ARRESTOR
SHEET 21 of 21.



CABLE SEALING END- PLAN
SCALE - 1:50



CABLE SEALING END- SIDE ELEVATION
SCALE - 1:50



**CABLE SEALING END- FRONT
ELEVATION**
SCALE - 1:50

LAYOUT DWG N/A T-LAYOUT NO. N/A

DRAWING NUMBER 04398-RES-SUB-DR-PT-001 REV 1

SCALE - AS SHOWN @ A3

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