Proposed Wind Farm Development
SSE Crumhach Wind Farm, Co. Sligo
Planning Permissions Application Drawings

Schedule of Drawings

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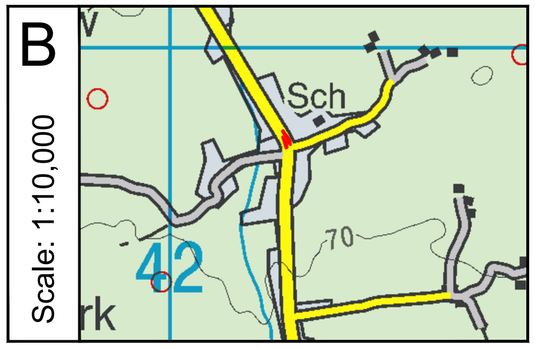

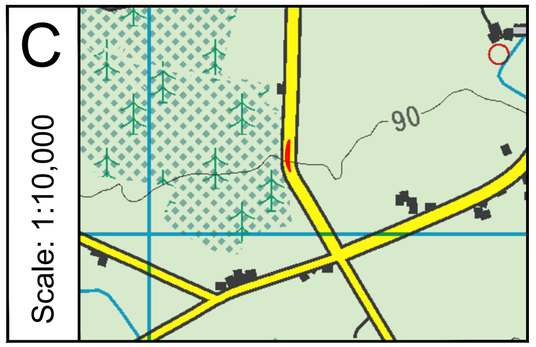

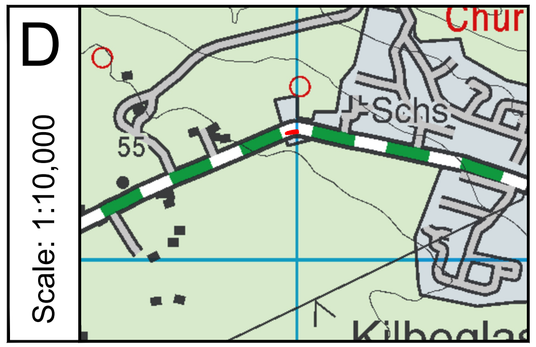

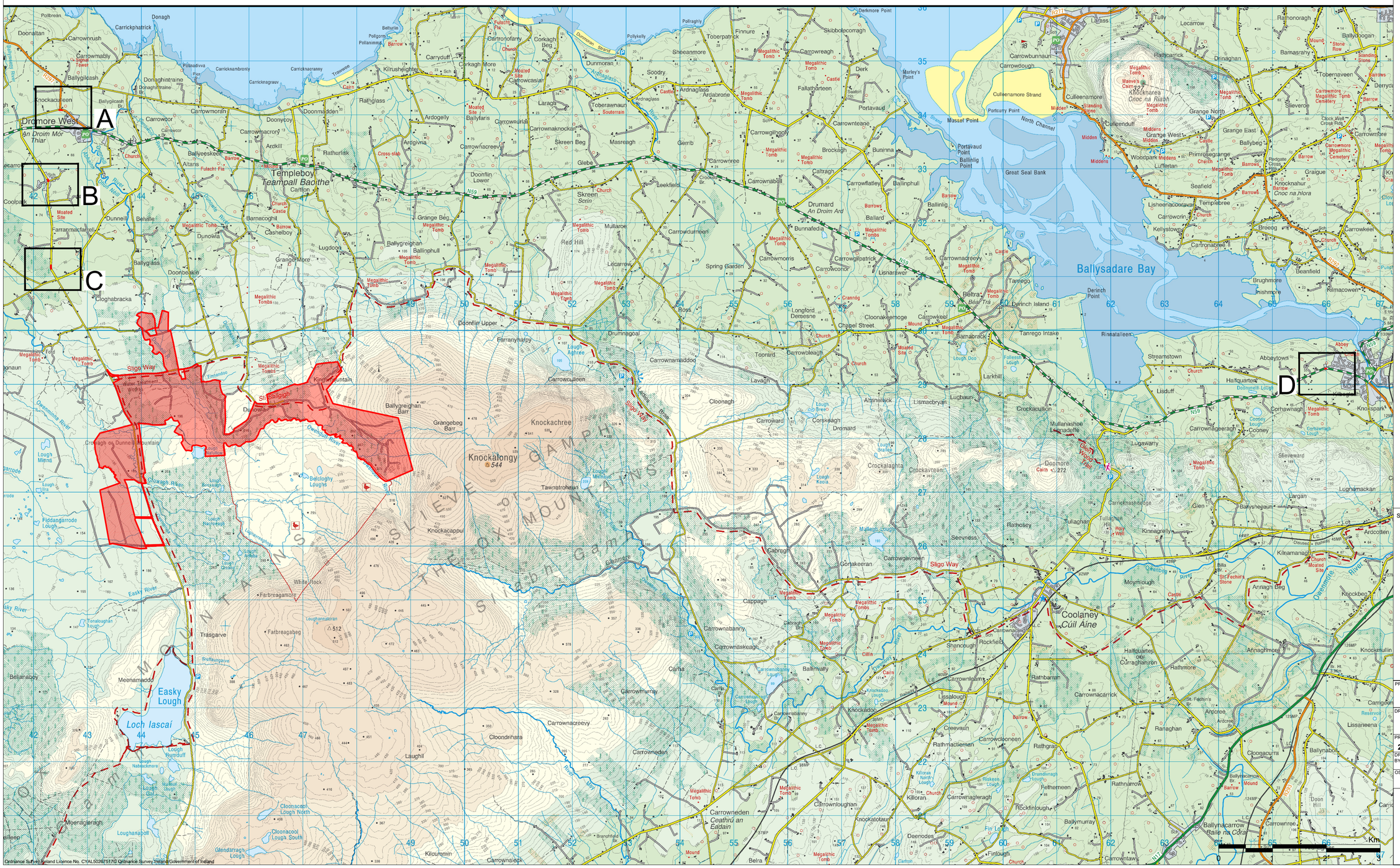
A
B
C
D
Dromore West
An Droim Mór Thiar
Templeboy
Teampall Baoithe
Ballysadare Bay
Coolaney
Cúil Áine
Knockalongy
544
Knockachree
Knockacappul
Slieve Gamph
The Ox Mountains
Sligo Way
Easky Lough
Loch Iascaí
Lough Talt
Lough Arrow
Lough Gill
Lough Key
Lough Minna
Knocknarea
Cnoc na Riabh
Maeve's Cairn
Queen Maeve
Carrowkeel
Carrowmore
Megalithic Cemetery
Knocknahur
Cnoc na hIora
Coolaney Gap
Ballysadare
Collooney
Tubbercurry
Ballymote
Sligo
Strandhill
Rosses Point
Enniscrone
Bellacorick
Foxford
Swinford
Charlestown
Boyle
Carrick-on-Shannon
Roscommon
Castlebaldwin
Dromahair
Manorhamilton
Kinlough
Bundoran
Donegal
Ballyshannon
Belleek
Pollbrean
Doonaltan
Carrickpharick
Carrownrush
Carrowmably
Ballygilcash
Knockaculleen
Carrowmorán
Carrowcor
Ballyveskeel
Altans
Ardkill
Doonycoy
Doonmadden
Rathglass
Ardogelly
Rathurlisk
Templeboy
Carrowmacrory
Carrowmacreevy
Ardgivna
Cross-slab
Fulacht Fia
Carrowcrom
Carrowkeel
Carrowmore
Megalithic Cemetery
Ballybeg
Grange East
Grange West
Primrosegrange
Woodpark
Luffertan
Seafield
Graigue
Templebree
Lisheenacooravan
Carrowcrin
Kelystown
Broeog
Carrowkeel
Cartronabbee
Knocknahur
Cnoc na hIora
Ballynabull
Cloonacurra
Beanfield
Kilmacowen
Brughmore
Inishmore
Derinch Point
Derinch Island
Tanrego
Tanrego Intake
Rinnatalleen
Streamstown
Abbeytown
Abbey
Halfquarter
Lisduff
Cornawnagh
Knockspark
Carrownageragh
Cooney
Slieveward
Lugnamackan
Largan
Glen
Ballyshegaun
Ardcotten
Kilnamanagh
Church
Moated Site
St Fechin's Stone
Annagh Beg
Knockbeg
Moymlough
Kinnagreilly
Tullaghan
Holy Well
Rathcarrick
Drinaghan
Barnasrahy
Ballydoogan
Rathonorah
Tobernaveen
Sleiveroe
Derryduff
Carrowmore Megalithic Tomb Cemetery
Clock Well
Cross Rds
Carrowmore
Megalithic Tomb
Pledgade Cross
Graigue
Knockmullin
Carrigeen
Lissaneena
Reservoir
Ballynabull
Doon Hill
Carrigeen
Carrowntawy
Carrownroe
Ballynacarrow
Baile na Cora
Finlough
Finlough Lough
Derrick
Carrowmore
Megalithic Cemetery
Carrowmore Megalithic Tomb
Carrowbunnaun
Carrowdough
Culleenamore Strand
Culleenamore
Culleendutf
Portcarty Point
North Channel
Great Seal Bank
Mussel Point
Portavaud Point
Ballinlig Point
Portavaud
Marley's Point
Derkmore Point
Skibbolecorragh
Finnure
Toberpatrick
Sheeanmore
Soodry
Derk
Fallatharteen
Carrowreagh
Dunmoran
Dunmoran Strand
Ardnaglass
Ardnaglass Bridge
Ardnaglass Castle
Ardrabronie
Toberawnaun
Souterrain
Laragh
Carrowcaslan
Carrowcrin
Carrowmoneash
Carrowmoneash Lough
Carrowmoneash Bridge
Carrowmoneash Lough
Carrowmoneash Bridge
Carrowmoneash Lough
Carrowmoneash Bridge

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Drawing Legend

- Planning Application Boundary
- Landowners Boundary
- Site Notice
- Wayleaves

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N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Site Location Key Plan

PROJECT No.:	DRAWING No.:	SCALE:
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GO	N/A	05.08.2026	P01

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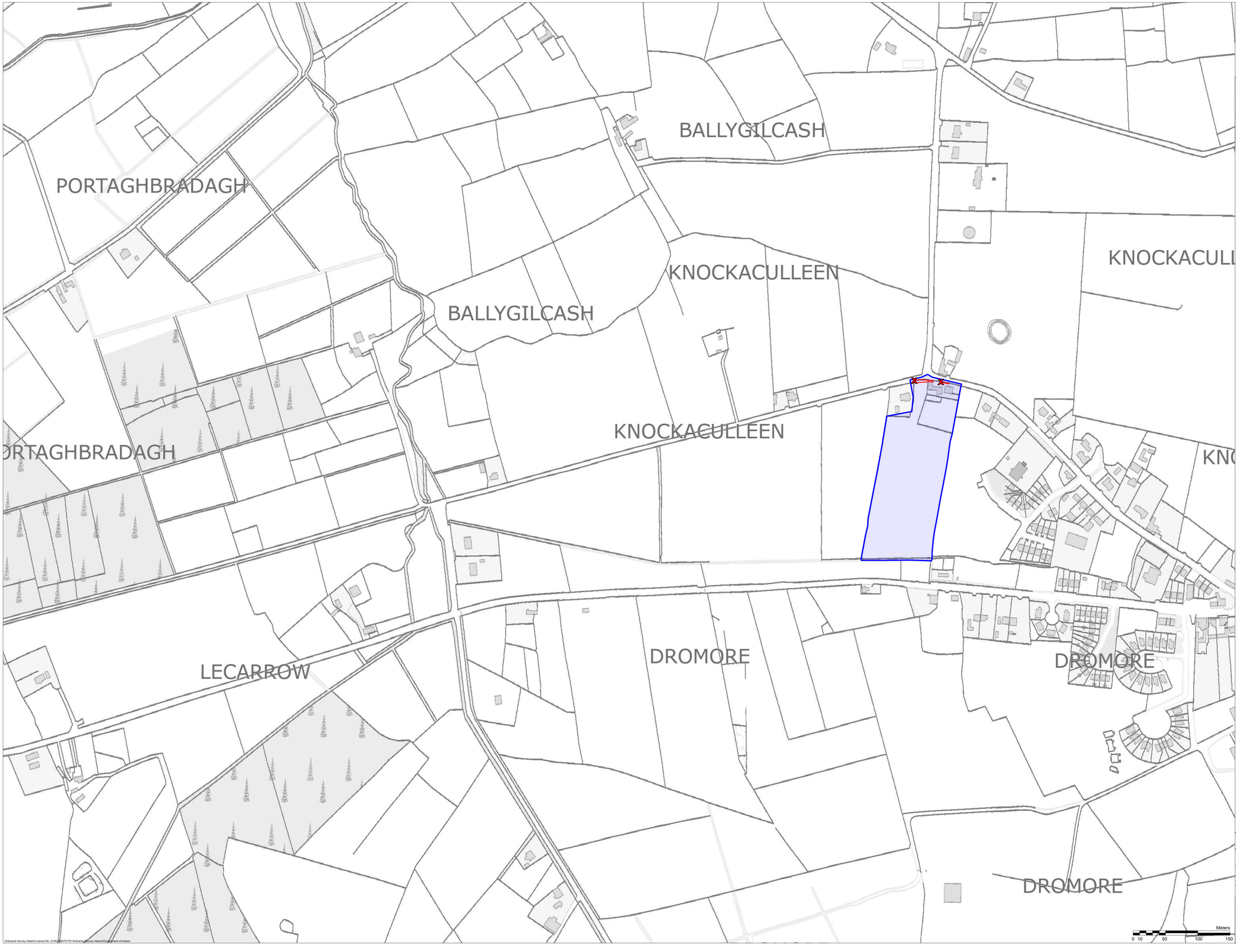

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- Planning Application Boundary
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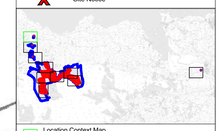

Location Context Map
N/S

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Site Location Map 1
Sheet 01 of 10

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841 - 02.1	1:2,500 @ A1

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GO	N/A	05.08.2026	P01

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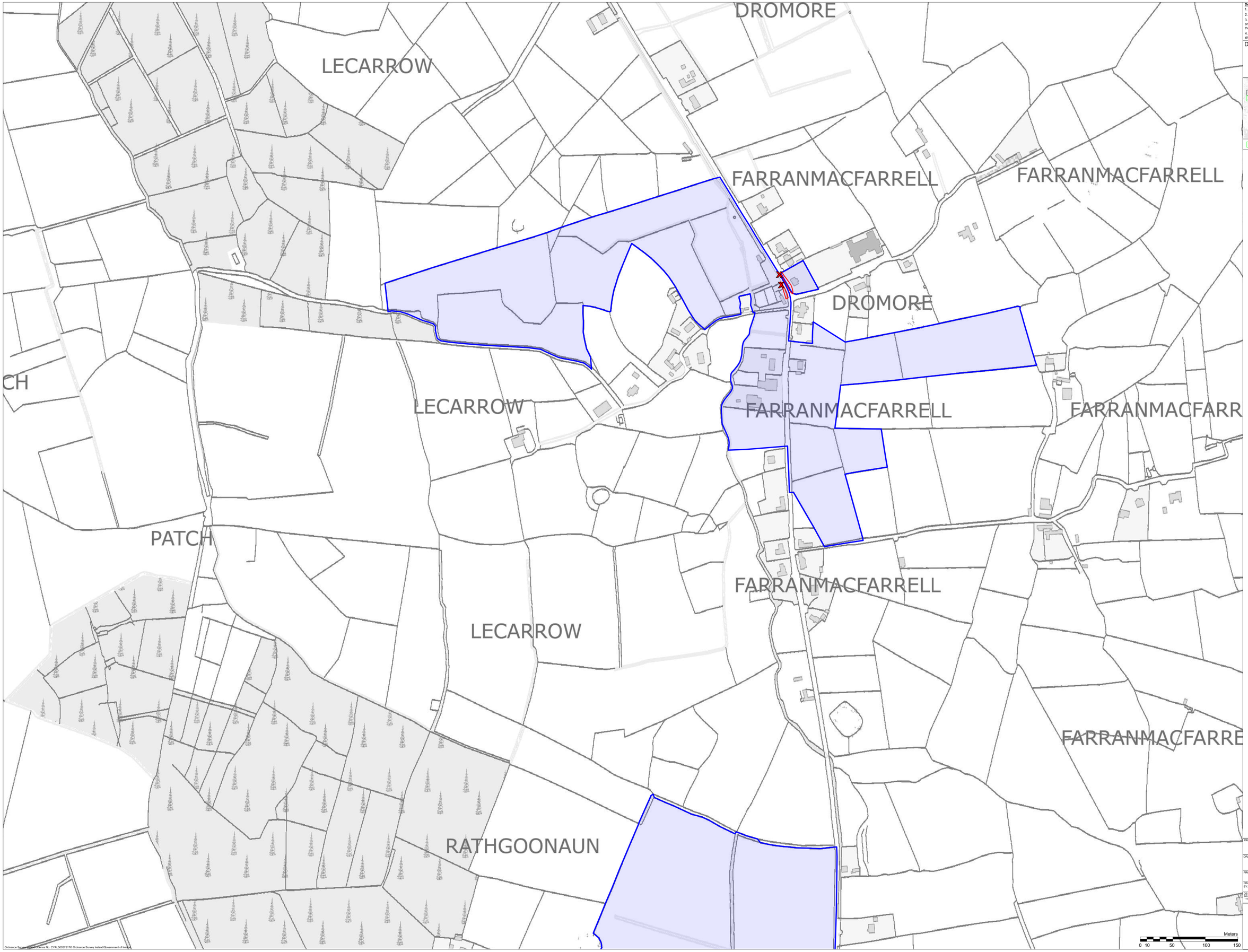

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Drawing Legend

- Planning Application Boundary
- Landowners Boundary
- Site Notice

Location Context Map
N/S

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Site Location Map 2
Sheet 02 of 10

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841 - 02.2	1:2,500 @ A1

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GO	N/A	05.08.2026	P01

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FARRANMACFARRELL

FARRANMACFARRELL

DUNNEILL

FARRANMACFARRELL

FARRANMACFARRELL

DUNNEILL

CROWAGH or DUNNEILL

CROWAGH or DUNNEILL

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Drawing Legend

- Planning Application Boundary
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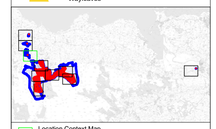
- Site Notice
- Wayleaves



Location Context Map
N/S

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PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Site Location Map 3
Sheet 03 of 10

PROJECT No.	DRAWING No.	SCALE
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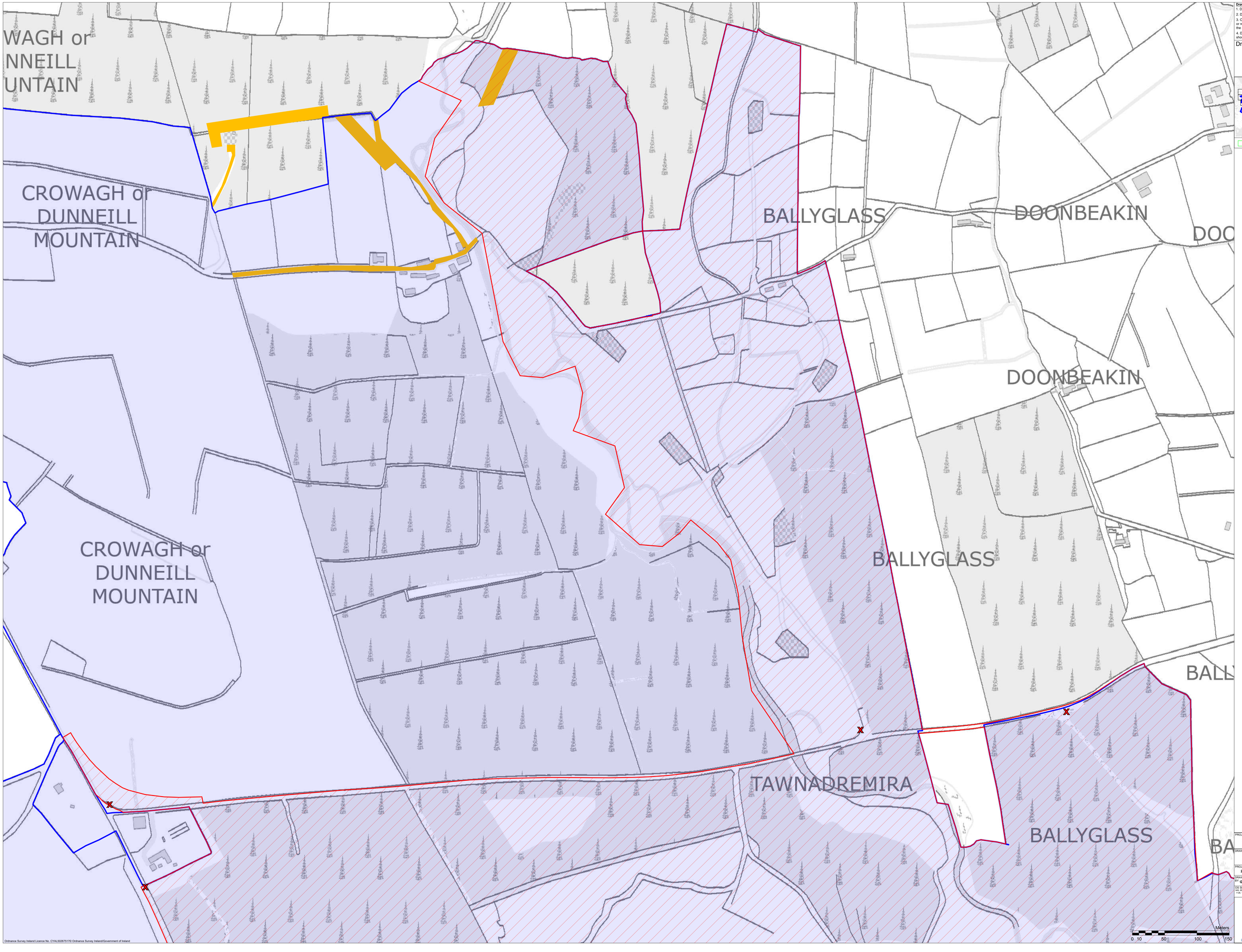

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Drawing Legend

- Planning Application Boundary
- Landowners Boundary
- Site Notice

Location Context Map
N/S

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Site Location Map
Sheet 4 of 10

PROJECT No.	DRAWING No.	SCALE:
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GO	N/A	29.07.2026	P01

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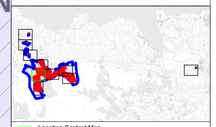
- Landowners Boundary
- Wayleaves



Location Context Map
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PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Site Location Map 5
Sheet 05 of 10

PROJECT No.:	DRAWING No.:	SCALE:
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DRAWN BY: GO / CHECKED BY: N/A	DATE: 29.07.2026	REVISION: P01

OS SHEET No.
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CROWAGH or
DUNNEILL
MOUNTAIN

CROWAGH or
DUNNEILL
MOUNTAIN

CROWAGH or
DUNNEILL
MOUNTAIN

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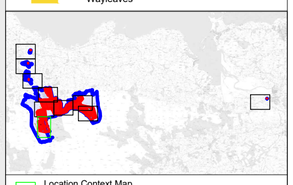
Drawing Legend

- Planning Application Boundary
- Landowners Boundary
- Site Notice
- Wayleaves



Location Context Map
N/S

Meters
0 10 50 100 150

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Site Location Map 6
Sheet 06 of 10

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841 - 02.6	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	N/A	29.07.2026	P01

OS SHEET No.:
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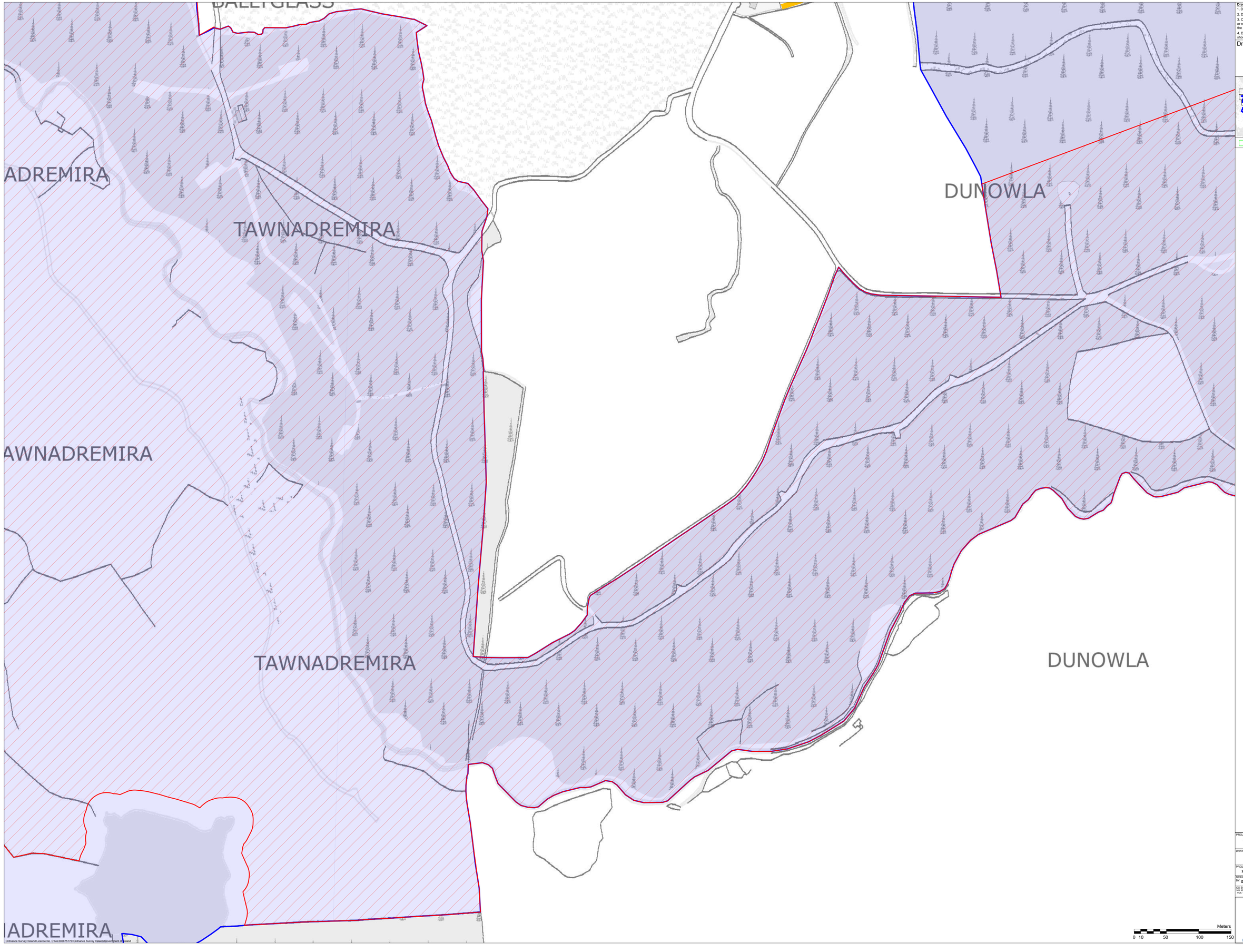

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Drawing Legend

- Planning Application Boundary
- Landowners Boundary
- Wayleaves

Location Context Map
N/S

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Site Location Map 7
Sheet 07 of 10

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841 - 02.7	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION:
GO	N/A	29.07.2026	P01

OS SHEET No.:
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KINGSMOUNTAIN

KINGSMOUNTAIN

KINGSMOUNTAIN

KINGSMOUNTAIN

KINGSMOUNTAIN

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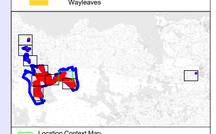
Drawing Legend

- Planning Application Boundary
- Landowners Boundary
- Wayleaves



Location Context Map
N/S

N

Meters
0 10 50 100 150

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Site Location Map 8
Sheet 08 of 10

PROJECT No.:	DRAWING No.:	SCALE:
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DRAWN BY: GO / CHECKED BY: N/A	DATE: 29.07.2026	REVISION: P01

OS SHEET No.
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KINGSMOUNTAIN

KINGSMOUNTAIN

BALLYGREIGHAN
BARR

DUNOWLA

KINGSMOUNTAIN

BALLYGREIGHAN
BARR

DUNOWLA

KINGSMOUNTAIN

BALLYGREIGHAN
BARR

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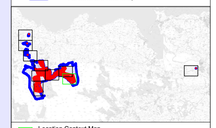
Drawing Legend

Planning Application Boundary

Landowners Boundary



Location Context Map
N/S

N

Meters
0 10 50 100 150

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Site Location Map 9
Sheet 09 of 10

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841 - 02.9	1:2,500 @ A1
DRAWN BY: GO / CHECKED BY: N/A	DATE: 29.07.2026	REVISION: P01

OS SHEET No.
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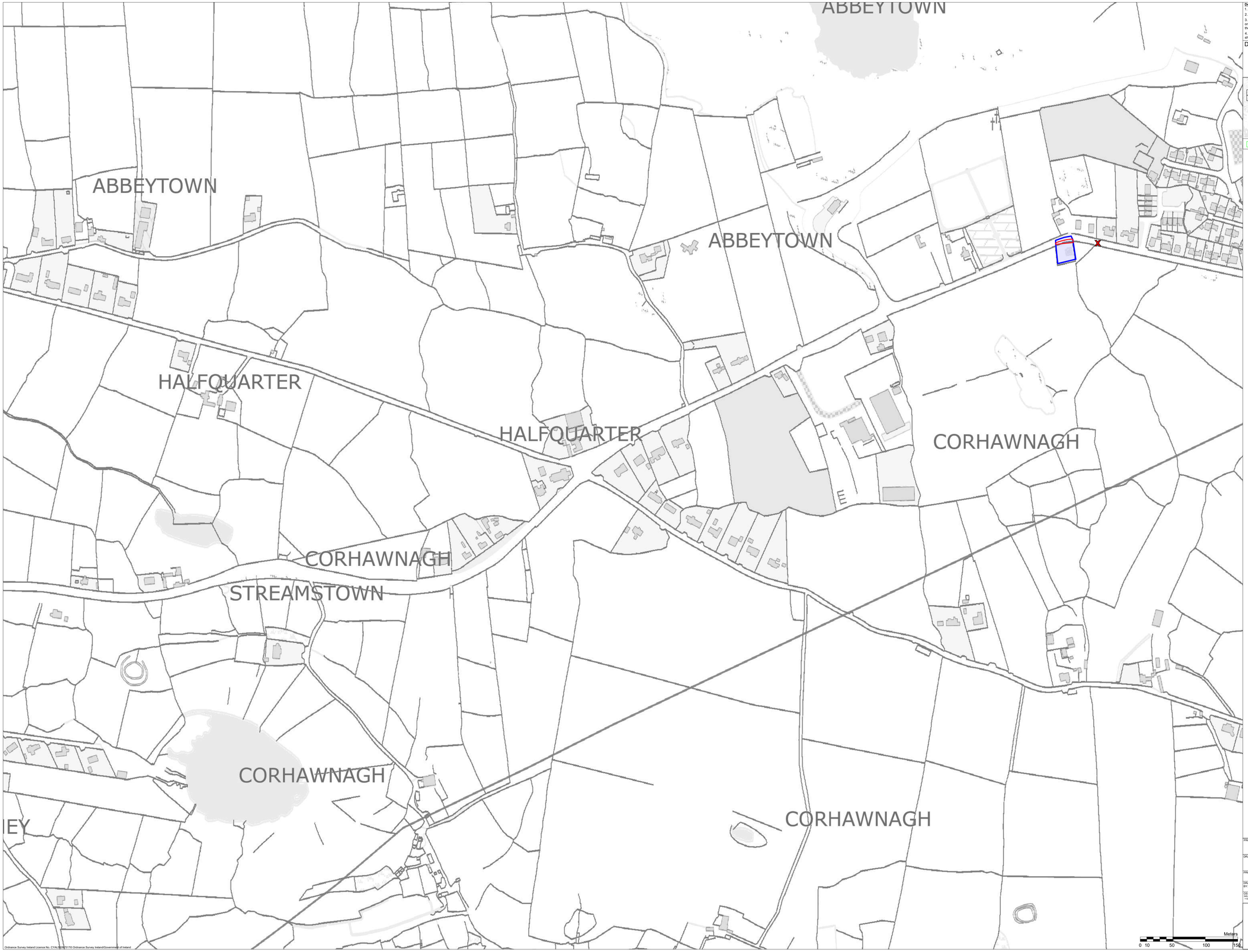

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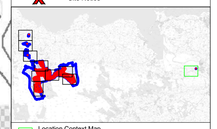
Drawing Legend

- Planning Application Boundary
- Landowners Boundary
- Site Notice



Location Context Map
N/S

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Site Location Map 10
Sheet 10 of 10

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841 - 02.10	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION:
GO	N/A	29.07.2026	P01

OS SHEET No.:
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01

02

03

04

05

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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Planning Application Boundary
- Existing Access Track to be Upgraded
- Proposed New Tracks
- Proposed Temporary Turbine Delivery Overrun Area
- Proposed Grid Connection Route Access Track
- Existing Public Road to be Upgraded
- Internal Cable Trench
- Temporary Construction Compound
- Existing Infrastructure - No Upgrade Proposed
- Proposed Peat and Spoil Management Areas
- Proposed Biodiversity Management and Enhancement Area
- Security Cabin
- Security Gate
- Proposed Onsite LiDAR Compound
- Proposed Decommissioned Turbine Laydown Area
- Existing Onsite Control Buildings
- Wheelwash
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Proposed Borrow Pits
- Horizontal Directional Drilling Locations
- Water Crossing
- Fill
- Cut
- Proposed 110kV Substation Compound

N

Km
0 1 2 3

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PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Site Layout Key Plan (1:5,000)

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841 - 03	1:50,000 @ A2

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	N/A	29.07.2026	P01

OS SHEET No.:
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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Planning Application Boundary
- River/Stream

Meters 0 20 100 200 300

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Site Layout Plan
Sheet 01 of 05 (1:5,000)

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841 - 03.1	1:5,000 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	N/A	29.07.2026	P01

OS SHEET No.:
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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Planning Application Boundary
- Existing Access Track to be Upgraded
- Proposed New Tracks
- Proposed Temporary Turbine Delivery Overrun Area
- Proposed Grid Connection Route Access Track
- Existing Public Road to be Upgraded
- Internal Cable Trench
- River/Stream
- Security Cabin
- Security Gate
- Hardstand
- Wheelwash
- Horizontal Directional Drilling Locations
- Fill
- Cut
- Existing Infrastructure - No Upgrade Proposed
- Water Crossing

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Site Layout Plan
Sheet 02 of 05 (1:5,000)

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841 - 03.2	1:5,000 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION:
GO	N/A	29.07.2026	P01

OS SHEET No.:
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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Planning Application Boundary
- Existing Access Track to be Upgraded
- Proposed New Tracks
- Proposed Temporary Turbine Delivery Overrun Area
- Proposed Grid Connection Route Access Track
- Existing Public Road to be Upgraded
- Internal Cable Trench
- River/Stream
- Existing Infrastructure - No Upgrade Proposed
- Proposed Peat and Spoil Management Areas
- Proposed Biodiversity Management and Enhancement Area
- Security Cabin
- Security Gate
- Proposed Onsite LiDAR Compound
- Proposed Decommissioned Turbine Laydown Area
- Existing Onsite Control Buildings
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Proposed Borrow Pits
- Wheelwash
- Horizontal Directional Drilling Locations
- Fill
- Cut
- Water Crossing

110 kV Substation Compound
Refer to DWG 051071-DR-100, 051071-DR-101 & 051071-DR-102 for detail

Temporary Construction Compound 02
Refer to DWG 230841-08 for detail

Temporary Construction Compound 03
Refer to DWG 230841-09 for detail

Temporary Construction Compound 01
Refer to DWG 230841-07 for detail

T01
ITM 543507, 826746
Level - 174m O.D.

T02
ITM 543440, 827861
Level - 180.5m O.D.

T03
ITM 543602, 826404
Level - 175m O.D.

T04
ITM 543655, 827452
Level - 185m O.D.

T05
ITM 543940.574, 826034.898
Level - 181m O.D.

T06
ITM 544012, 828489
Level - 185m O.D.

T07
ITM 544519, 828995
Level - 156m O.D.

T08
ITM 545257, 828620
Level - 187m O.D.

T09
ITM 54542
Level -211

CROWAGH or DUNNEILL MOUNTAIN
BALLYGLASS
DOONBEAKIN
TAWNADREMIRA

Meters
0 20 100 200 300

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Site Layout Plan
Sheet 03 of 05 (1:5,000)

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841 - 03.3	1:5,000 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	N/A	29.07.2026	P01

OS SHEET No.:
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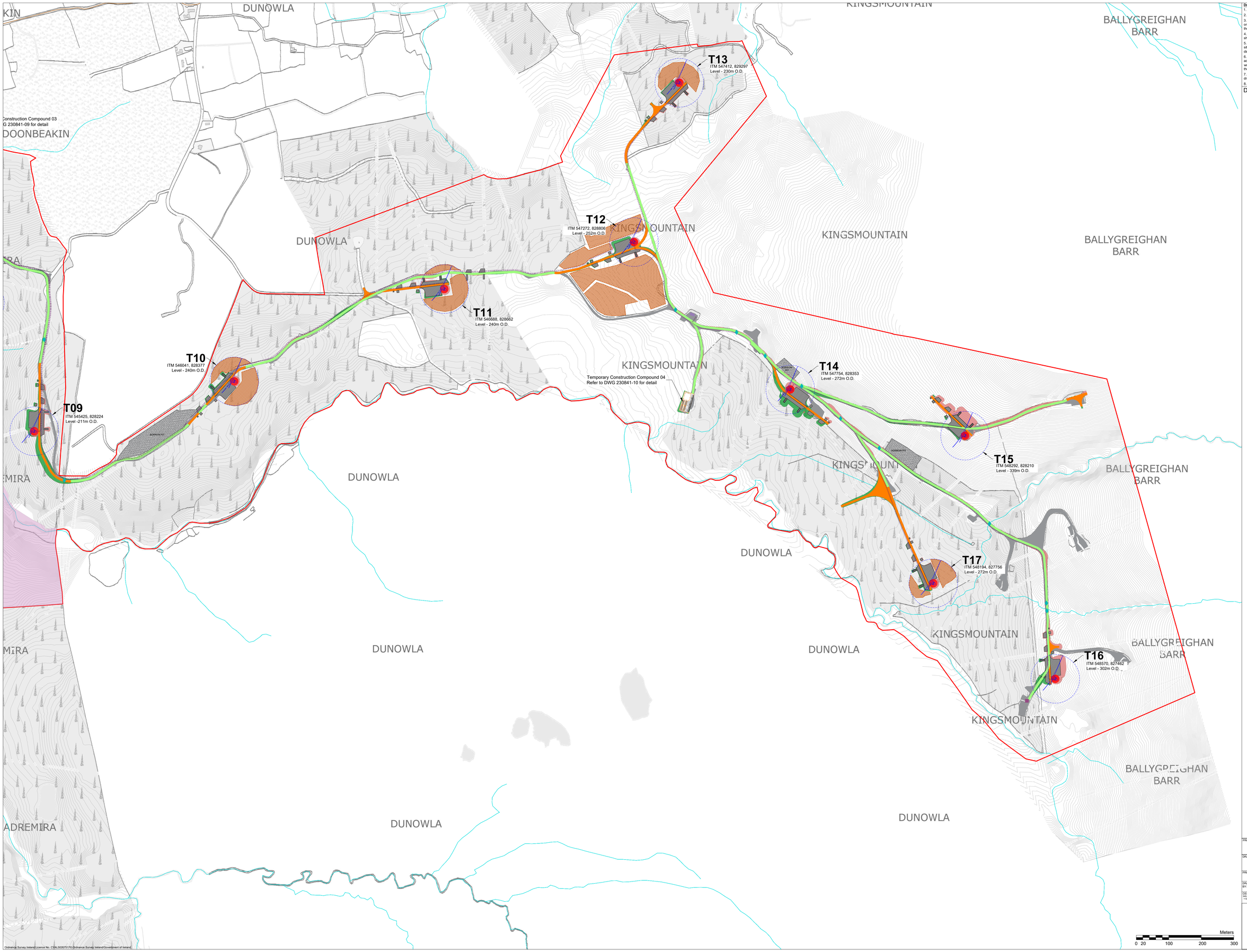

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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Planning Application Boundary
- Existing Access Track to be Upgraded
- Proposed New Tracks
- Proposed Temporary Turbine Delivery Overrun Area
- Proposed Grid Connection Route Access Track
- Existing Public Road to be Upgraded
- Internal Cable Trench
- River/Stream
- Proposed Peat and Spoil Management Areas
- Proposed Decommissioned Turbine Laydown Area
- Security Cabin
- Security Gate
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Proposed Borrow Pits
- Grid Connection Route (not part of this application)
- Fill
- Cut
- Existing Infrastructure - No Upgrade Proposed
- Existing Onsite Control Buildings
- Proposed Onsite LiDAR Compound
- Water Crossing

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Site Layout Plan
Sheet 04 of 05 (1:5,000)

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841 - 03.4	1:5,000 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION:
GO	N/A	29.07.2026	P01

OS SHEET No.:
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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

Planning Application Boundary

STOWN

WN

STREAMSTOWN

ABBEYTOWN

STREAMSTOWN

ABBEYTOWN

ABBEYTOWN

ABBEYTOWN

ABBEYTOWN

STREAMSTOWN

HALFQUARTER

HALFQUARTER

CORHAWNAGH

LISDUFF

STONEHALL or CARROWNAGEERAGH

SDUFF

CORHAWNAGH

STREAMSTOWN

ISDUFF

LUGNADEFFA

LISDUFF

CORHAWNAGH

STONEHALL or CARROWNAGEERAGH

COONEY

CORHAWNAGH

WARRY

LUGAWARRY

CORHAWNAGH

WARRY

CORHAWNAGH

STONEHALL or CARROWNAGEERAGH

LUGAWARRY

COONEY

COONEY

GLEN

LARGAN

GRELLY

KINNAGRELLY

LARGAN

Meters

0 20 100 200 300

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Site Layout Plan
Sheet 05 of 05 (1:5,000)

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841 - 03.5	1:5,000 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION:
GO	N/A	29.07.2026	P01

OS SHEET No.:
949, 950, 951, 952, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1321, 1322, 1323, 1324, 1325, 1326, 1327

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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Planning Application Boundary
- Existing Access Track to be Upgraded
- Proposed New Tracks
- Proposed Temporary Turbine Delivery Overrun Area
- Proposed Grid Connection Route Access Track
- Internal Cable Trench
- Temporary Construction Compound
- Existing Infrastructure - No Upgrade Proposed
- Proposed Peat and Spoil Management Areas
- Proposed Biodiversity Management and Enhancement Area
- Security Cabin
- Security Gate
- Proposed Onsite LiDAR Compound
- Proposed Decommissioned Turbine Laydown Area
- Existing Onsite Control Buildings
- Wheelwash
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Proposed Borrow Pits
- Horizontal Directional Drilling Locations
- Water Crossing
- Existing Public Road to be Upgraded
- Fill
- Cut
- Proposed 110kV Substation Compound

N

Km 0 1 2 3

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Site Layout Key Plan (1:2,500)

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841 - 04	1:50,000 @ A2

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	N/A	29.07.2026	P01

OS SHEET No.:
949, 950, 951, 952, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1321, 1322, 1323, 1324, 1325, 1326, 1327

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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Planning Application Boundary
- River/Stream

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Site Layout Plan
Sheet 01 of 10 (1:2,500)

PROJECT No.:	DRAWING No.:	SCALE:
230641	230641 - 04.1	1:2,500 @ A1
DRAWN BY: GO / CHECKED BY: N/A	DATE: 29.07.2026	REVISION: P01

OS SHEET No.
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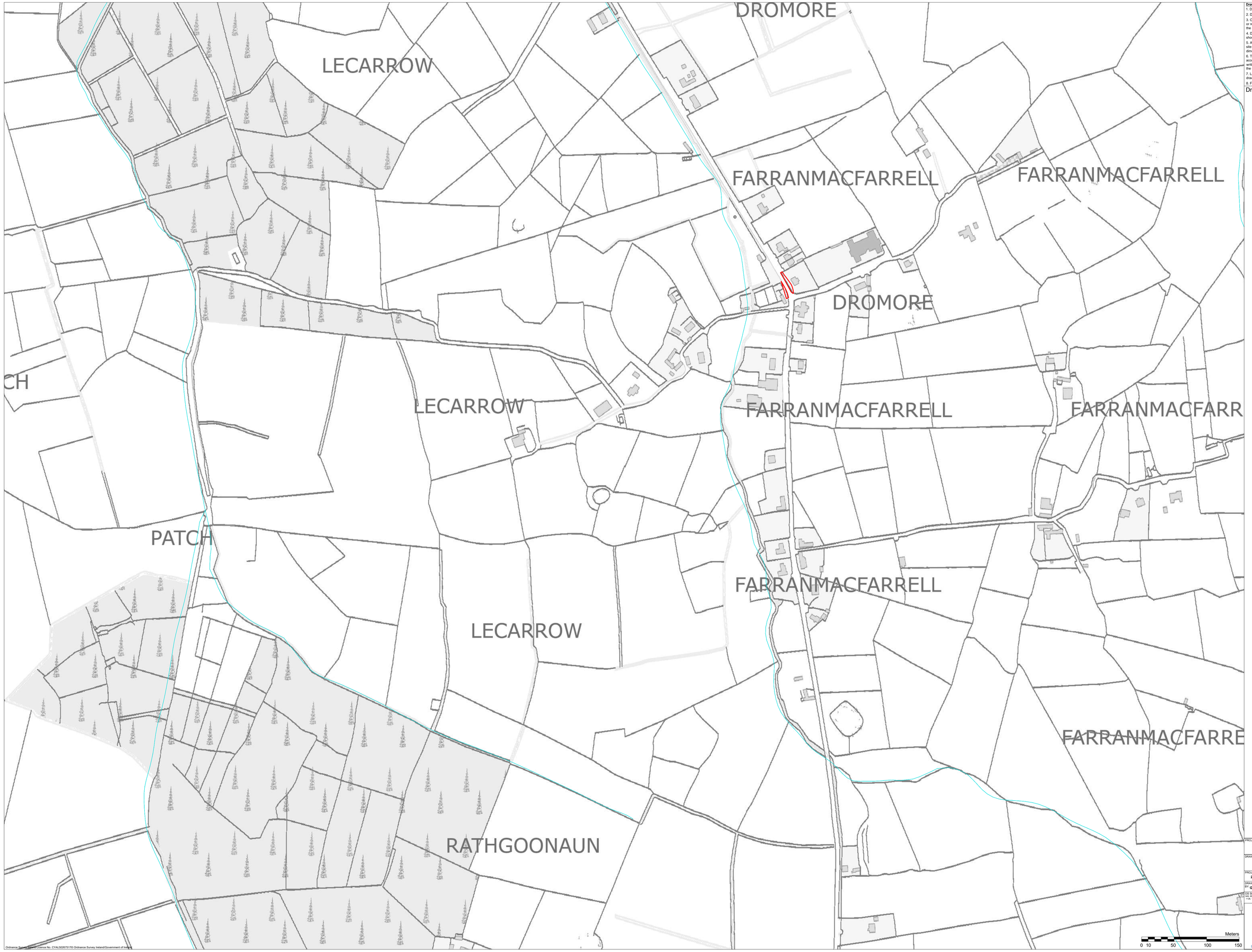

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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

Planning Application Boundary

River/Stream

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Site Layout Plan
Sheet 02 of 10 (1:2,500)

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841 - 04.2	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION:
GO	N/A	29.07.2026	P01

OS SHEET No.:
945, 950, 951, 952, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1120, 1126, 1127, 1128, 1129, 1130, 1131, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1321, 1322, 1323, 1324, 1325, 1326, 1327

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RATHGOONAUN

FARRANMACFARRELL

FARRANMACFARRELL

DUNNEILL

FARRANMACFARRELL

FARRANMACFARRELL

DUNNEILL

CROWAGH or DUNNEILL

CROWAGH or DUNNEILL

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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Planning Application Boundary
- River/Stream

Meters

0 10 50 100 150

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Site Layout Plan
Sheet 03 of 10 (1:2,500)

PROJECT No.	DRAWING No.	SCALE
230841	230841 - 04.3	1:2,500 @ A1
DRAWN BY: GO / CHECKED BY: N/A	DATE: 29.07.2026	REVISION: P01

DS SHEET No:
1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1125, 1126, 1127, 1128, 1129, 1131, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1301, 1302, 1320, 1324, 1325, 1326, 1327

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Meters
0 10 50 100 150

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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Planning Application Boundary
- Existing Access Track to be Upgraded
- Proposed New Tracks
- Proposed Temporary Turbine Delivery Overrun Area
- Proposed Grid Connection Route Access Track
- Existing Public Road to be Upgraded
- Internal Cable Trench
- River/Stream
- Proposed Peat and Spoil Management Areas
- Proposed Decommissioned Turbine Laydown Area
- Security Cabin
- Security Gate
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Proposed Borrow Pits
- Grid Connection Route (not part of this application)
- Wheelwash
- Horizontal Directional Drilling Locations
- Fill
- Cut
- Existing Infrastructure - No Upgrade Proposed
- Water Crossing

CROWAGH or DUNNEILL MOUNTAIN

BALLYGLASS

DOONBEAKIN

TAWNADREMIRA

Water Crossing

Security Gate
Refer to DWG 230841-25 for detail

Security Cabin
Refer to DWG 230841-29 for detail

Temporary Construction Compound 02
Refer to DWG 230841-08 for detail

Site Office & Staff Facilities Detail
Refer to DWG 230841-26 for detail

110 kV Substation Compound
Refer to DWG 051071-DR-100, 051071-DR-101 & 051071-DR-102 for detail

Security Gate
Refer to DWG 230841-25 for detail

Security Cabin
Refer to DWG 230841-29 for detail

Horizontal Directional Drill
Refer to DWG 230841- 39 for detail

T07
ITM 544519, 828995
Level - 156m O.D.

Security Gate
Refer to DWG 230841-29 for detail

Security Cabin
Refer to DWG 230841-25 for detail

Wheelwash
Refer to DWG 230841-28 for detail

Decommissioned Turbine Laydown
Refer to DWG 230841 - 11 for detail

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PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Site Layout Plan
Sheet 04 of 10 (1:2,500)

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841 - 04.4	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION:
GO	N/A	29.07.2026	P01

OS SHEET No:
946, 950, 951, 952, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1132, 1187, 1188, 1189, 1190, 1191, 1192, 1193, 1194, 1195, 1196, 1197, 1256, 1321, 1322, 1323, 1324, 1325, 1326, 1327

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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Planning Application Boundary
- Existing Access Track to be Upgraded
- Proposed New Tracks
- Proposed Temporary Turbine Delivery Overrun Area
- Existing Public Road to be Upgraded
- Internal Cable Trench
- River/Stream
- Proposed Peat and Spoil Management Areas
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Proposed Borrow Pits
- Horizontal Directional Drilling Locations
- Fill
- Cut

CROWAGH or DUNNEILL MOUNTAIN

TAWN

T06
ITM 544012, 828489
Level - 185m O.D.

58m
211m
300m
97m

Horizontal Directional Drill
Refer to DWG 230841- xx for detail

CROWAGH or DUNNEILL MOUNTAIN

T02
ITM 543440, 827861
Level - 180.5m O.D.

291m
300m
383m

CROWAGH or DUNNEILL MOUNTAIN

TAWN

N

Meters
0 10 50 100 150

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Site Layout Plan
Sheet 05 of 10 (1:2,500)

PROJECT No:	DRAWING No:	SCALE:
230841	230841 - 04.5	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION:
GO	N/A	29.07.2026	P01

OS SHEET No:
945, 946, 951, 952, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1321, 1322, 1323, 1324, 1325, 1326, 1327

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T04
ITM 543655, 827452
Level - 185m O.D.

171m
211m
97m
57m
108m
167m
75m

Horizontal Directional Drill
Refer to DWG 230841- 39 for detail

Security Gate
Refer to DWG 230841-29 for detail

Security Cabin
Refer to DWG 230841-25 for detail

CROWAGH or DUNNEILL MOUNTAIN

Horizontal Directional Drill
Refer to DWG 230841- 39 for detail

T01
ITM 543507, 826746
Level - 174m O.D.

257m
258m
242m
208m

T03
ITM 543602, 826404
Level - 175m O.D.

113m
205m
292m
276m

CROWAGH or DUNNEILL MOUNTAIN

Temporary Construction Compound 01
Refer to DWG 230841-07 for detail

Water Crossing

T05
ITM 543940.574, 826034.898
Level - 181m O.D.

38m
42m
36m
28m
75m
10m
5m
12m
6m

Onsite LiDAR Compound 01
Level 172.5m O.D
Refer to DWG 230841-31/ 230841-32 for detail

Site Office & Staff Facilities Detail
Refer to DWG 230841-26 for detail

Security Cabin
Refer to DWG 230841-29 for detail

Security Gate
Refer to DWG 230841-25 for detail

CROWAGH or DUNNEILL MOUNTAIN

CROWAGH or DUNNEILL MOUNTAIN

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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Planning Application Boundary
- Existing Access Track to be Upgraded
- Proposed New Tracks
- Proposed Temporary Turbine Delivery Overrun Area
- Existing Public Road to be Upgraded
- Internal Cable Trench
- River/Stream
- Proposed Peat and Spoil Management Areas
- Security Cabin
- Security Gate
- Proposed Onsite LiDAR Compound
- Proposed Decommissioned Turbine Laydown Area
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Proposed Borrow Pits
- Horizontal Directional Drilling Locations
- Fill
- Cut
- Water Crossing

N

Meters
0 10 50 100 150

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Site Layout Plan
Sheet 06 of 10 (1:2,500)

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841 - 04.6	1:2,500 @ A1
DRAWN BY: GO / CHECKED BY: N/A	DATE: 29.07.2026	REVISION.: P01

OS SHEET No.:
949, 950, 951, 952, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1321, 1322, 1323, 1324, 1325, 1326, 1327

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Water Crossing

Site Office & Staff Facilities Detail
Refer to DWG 230841-26 for detail

Temporary Construction Compound 03
Refer to DWG 230841-09 for detail

Existing Dunneill Control Building Connection Point
Refer to DWG 230841-33 & 230841-34 for detail

Decommissioned
Turbine Laydown
Refer to DWG 230841
- 11 for detail

ADREMIRA

TAWNADREMIRA

T08
ITM 545257, 828620
Level - 187m O.D.

45m
257m

Water Crossing

69m

AWNADREMIRA

T09
ITM 545425, 828224
Level -211m O.D.

43m
56m

Water Crossing

TAWNADREMIRA

DUNOWLA

T10
ITM 546041, 828377
Level - 240m O.D.

31m
47m

Borrow Pit 01
Refer to DWG
P23-240-0600-0015
for detail

10m

BORROW PIT

9m
12m

DUNOWLA

IADREMIRA

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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Planning Application Boundary
- Existing Access Track to be Upgraded
- Proposed New Tracks
- Internal Cable Trench
- River/Stream
- Existing Infrastructure - No Upgrade Proposed
- Proposed Peat and Spoil Management Areas
- Proposed Biodiversity Management and Enhancement Area
- Proposed Decommissioned Turbine Laydown Area
- Existing Onsite Control Buildings
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Proposed Borrow Pits
- Fill
- Cut
- Water Crossing

N

Meters
0 10 50 100 150

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Site Layout Plan
Sheet 07 of 10 (1:2,500)

PROJECT No.	DRAWING No.	SCALE:
230841	230841 - 04.7	1:2,500 @ A1
DRAWN BY: GO	CHECKED BY: N/A	DATE: 29.07.2026	REVISION: P01

CD SHEET No:
001, 002, 003, 004, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1501, 1502, 1503, 1504, 1505, 1506, 1507

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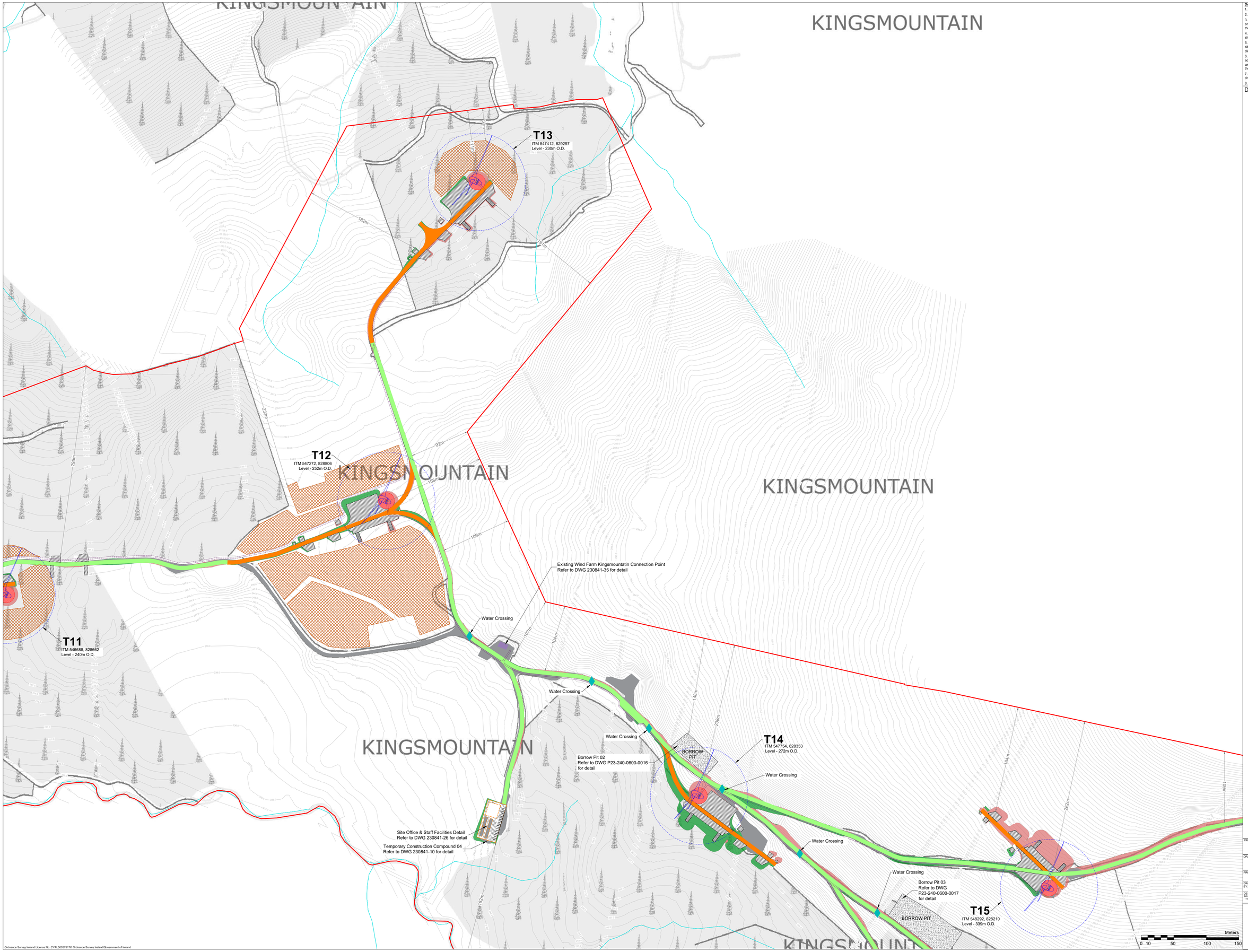

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8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Planning Application Boundary
- Existing Access Track to be Upgraded
- Proposed New Tracks
- Internal Cable Trench
- River/Stream
- Existing Infrastructure - No Upgrade Proposed
- Proposed Peat and Spoil Management Areas
- Existing Onsite Control Buildings
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Proposed Borrow Pits
- Fill
- Cut
- Water Crossing

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Site Layout Plan
Sheet 08 of 10 (1:2,500)

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841 - 04.8	1:2,500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION:
GO	N/A	29.07.2026	P01

OS SHEET No.:
949, 950, 951, 952, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1084, 1085, 1086, 1087, 1088, 1089, 1070, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1321, 1322, 1323, 1324, 1325, 1326, 1327

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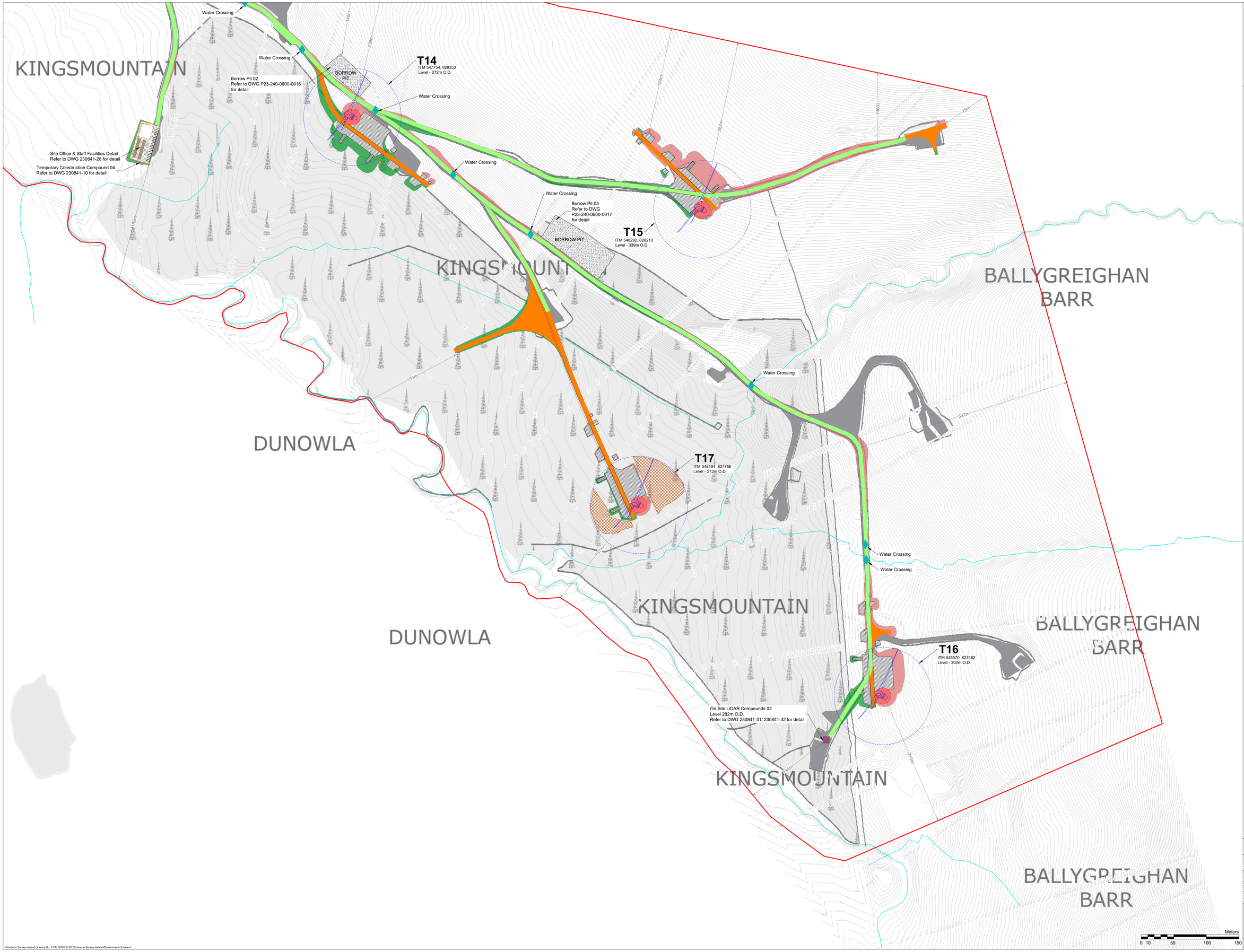

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8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Planning Application Boundary
- Existing Access Track to be Upgraded
- Proposed New Tracks
- Proposed Temporary Turbine Delivery Overrun Area
- Internal Cable Trench
- River/Stream
- Proposed Peat and Spoil Management Areas
- Proposed Onsite LiDAR Compound
- Existing Infrastructure - No Upgrade Proposed
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Proposed Borrow Pits
- Fill
- Cut
- Water Crossing

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Site Layout Plan
Sheet 09 of 10 (1:2,500)

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841 - 04.9	1:2,500 @ A1
DRAWN BY: GO / CHECKED BY: N/A	DATE: 29.07.2026	REVISION: P01

OS SHEET No.:
946, 950, 951, 952, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1132, 1133, 1134, 1135, 1136, 1137, 1138, 1139, 1140, 1141, 1142, 1143, 1144, 1145, 1146, 1147, 1206, 1207, 1208, 1321, 1322, 1323, 1324, 1325, 1326, 1327

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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

Planning Application Boundary

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Site Layout Plan
Sheet 10 of 10 (1:2,500)

PROJECT No.	DRAWING No.	SCALE
230641	230641 - 04.10	1:2,500 @ A1
DRAWN BY: GO	CHECKED BY: N/A	DATE: 29.07.2026
		REVISION: P01

OS SHEET No:
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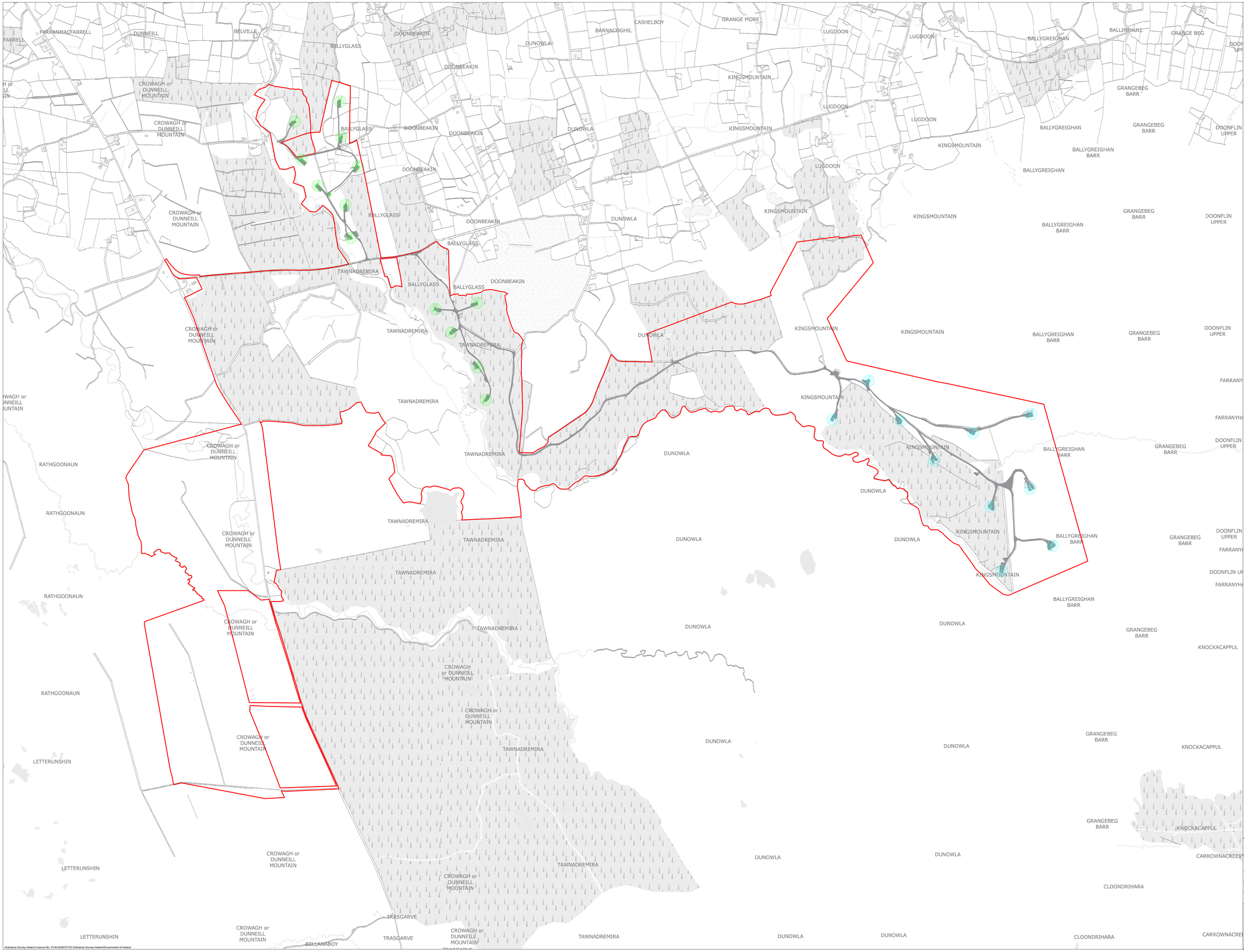

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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Planning Application Boundary
- Existing Infrastructure - No Upgrade Proposed
- Dunneill WF Met Mast to be decommissioned
- Dunneill WF turbines to be decommissioned
- Kingsmountain WF turbines to be decommissioned

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Existing Site

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841 - 05	1:10,000 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION:
GO	N/A	29.07.2026	P01

OS SHEET No.:
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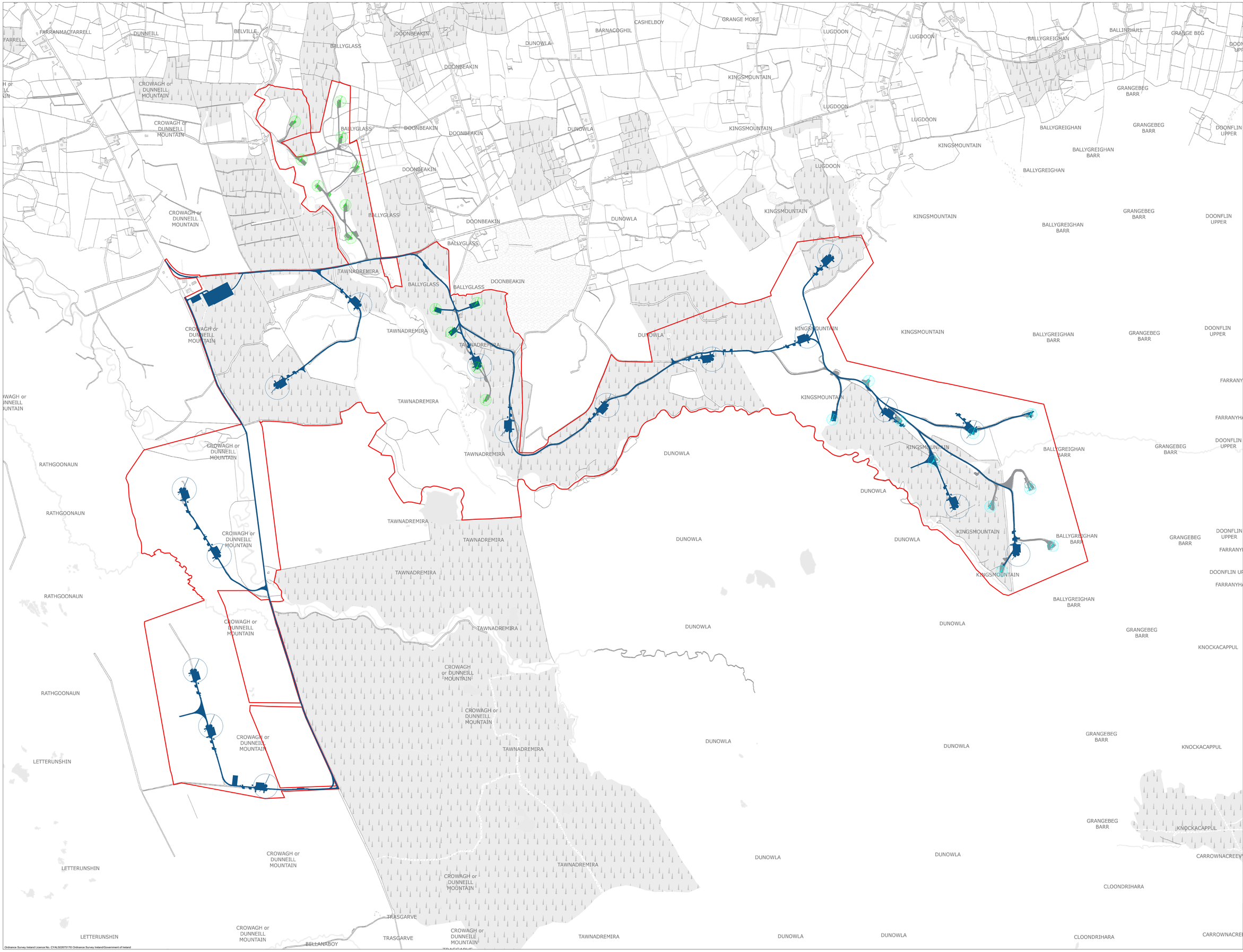

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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Planning Application Boundary
- Existing Infrastructure - No Upgrade Proposed
- Proposed Wind Farm Infrastructure
- Dunneill WF Met Mast to be decommissioned
- Dunneill WF turbines to be decommissioned
- Kingsmountain WF turbines to be decommissioned

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Proposed Infrastructure

PROJECT No.	DRAWING No.	SCALE
230641	230641 - 05.1	1:10,000 @ A1
DRAWN BY: GO	CHECKED BY: N/A	DATE: 29.07.2026
		REVISION: P01

OS SHEET No:
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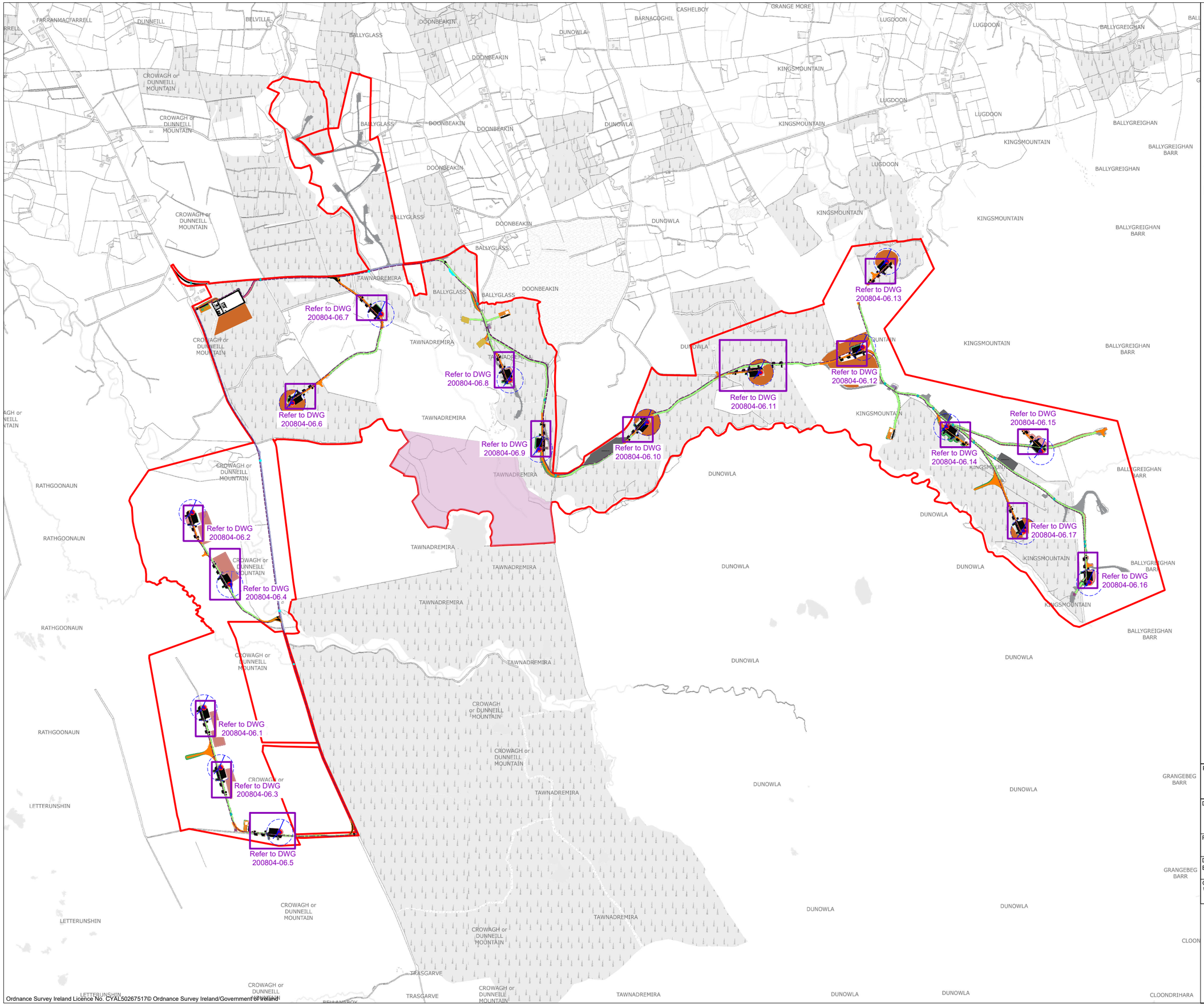

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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Planning Application Boundary
- Existing Access Track to be Upgraded
- Proposed New Tracks
- Proposed Temporary Turbine Delivery Overrun Area
- Proposed Grid Connection Route Access Track
- Internal Cable Trench
- Existing Infrastructure - No Upgrade Proposed
- Proposed Peat and Spoil Management Areas
- Proposed Biodiversity Management and Enhancement Area
- Security Cabin
- Security Gate
- Proposed Onsite LiDAR Compound
- Proposed Decommissioned Turbine Laydown Area
- Existing Onsite Control Buildings
- Wheelwash
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Proposed Borrow Pits
- Horizontal Directional Drilling Locations
- Water Crossing
- Temporary Construction Compound
- Proposed 110kV Substation Compound
- Existing Public Road to be Upgraded
- Fill
- Cut

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Turbine Layout Key Plan

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841-06	1:20,000 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	N/A	29.07.2026	P01

OS SHEET No.:
949, 950, 951, 952, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1321, 1322, 1323, 1324, 1325, 1326, 1327

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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Existing Access Track to be Upgraded
- Internal Cable Trench
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Proposed Peat and Spoil Management Areas
- Fill
- Cut
- Proposed Biodiversity Management and Enhancement Area

T01
ITM 543507, 826746
Level - 174m O.D.

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Turbine 01 Layout

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841-06.1	1:500 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	N/A	29.07.2026	P01

OS SHEET No.:
949, 950, 951, 952, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1321, 1322, 1323, 1324, 1325, 1326, 1327

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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Proposed New Tracks
- Internal Cable Trench
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Proposed Peat and Spoil Management Areas
- Fill
- Cut
- Proposed Biodiversity Management and Enhancement Area

T02
ITM 543440, 827861
Level - 180.5m O.D.

180.0
181.0
182.0

14m
12m
13m
15m
25m
86m
77m
47m
50m
30m
15m
5m
4m
10m
5m
12m
6m
7m
7m
6m
10m
13m
19m
12m
23m
11m
13m
19m
12m
7m
8m
3m
3m

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Turbine 02 Layout

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841-06.2	1:500 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	N/A	29.07.2026	P01

OS SHEET No.:
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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Existing Access Track to be Upgraded
- Proposed New Tracks
- Internal Cable Trench
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Proposed Peat and Spoil Management Areas
- Fill
- Cut
- Proposed Biodiversity Management and Enhancement Area

T03
ITM 543602, 826404
Level - 175m O.D.

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Turbine 03 Layout

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841-06.3	1:500 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	N/A	29.07.2026	P01

OS SHEET No.:
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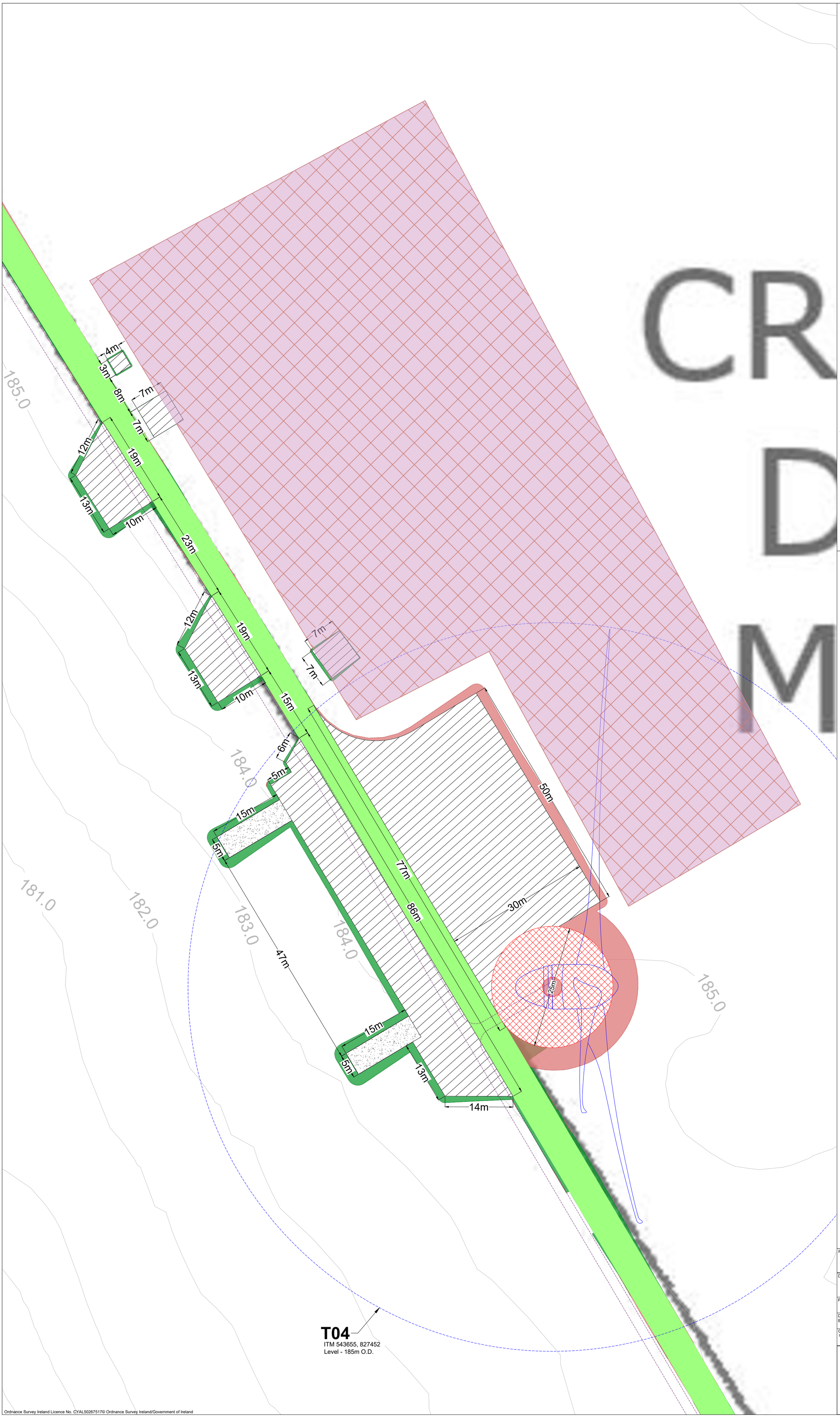

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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Existing Access Track to be Upgraded
- Internal Cable Trench
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Proposed Peat and Spoil Management Areas
- Fill
- Cut
- Proposed Biodiversity Management and Enhancement Area

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Turbine 04 Layout

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841-06.4	1:500 @ A2

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	N/A	29.07.2026	P01

OS SHEET No.:
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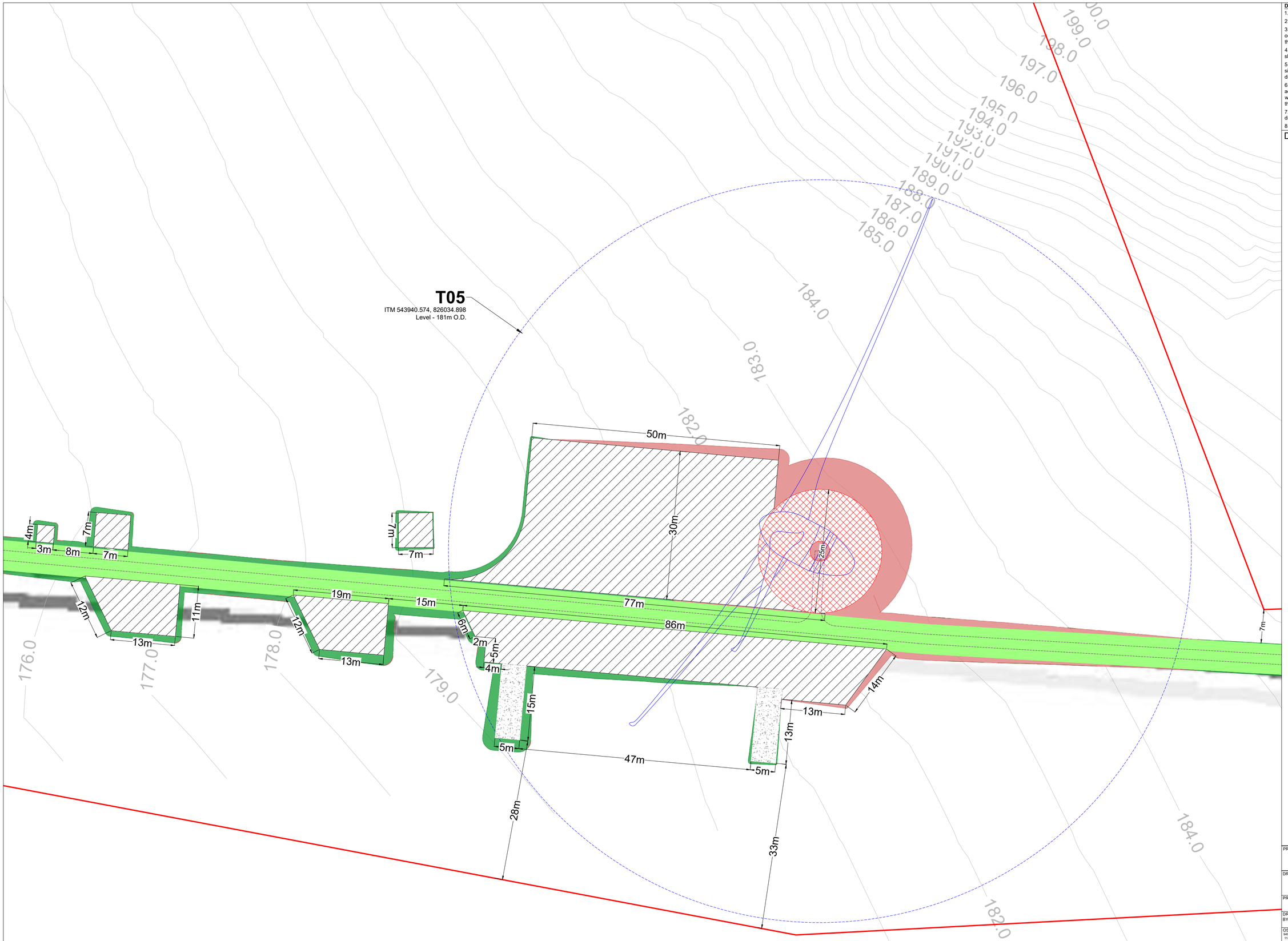
T05
ITM 543940.574, 826034.898
Level - 181m O.D.



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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Planning Application Boundary
- Existing Access Track to be Upgraded
- Internal Cable Trench
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Fill
- Cut

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Turbine 05 Layout

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841-06.5	1:500 @ A2

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	N/A	29.07.2026	P01

OS SHEET No.:
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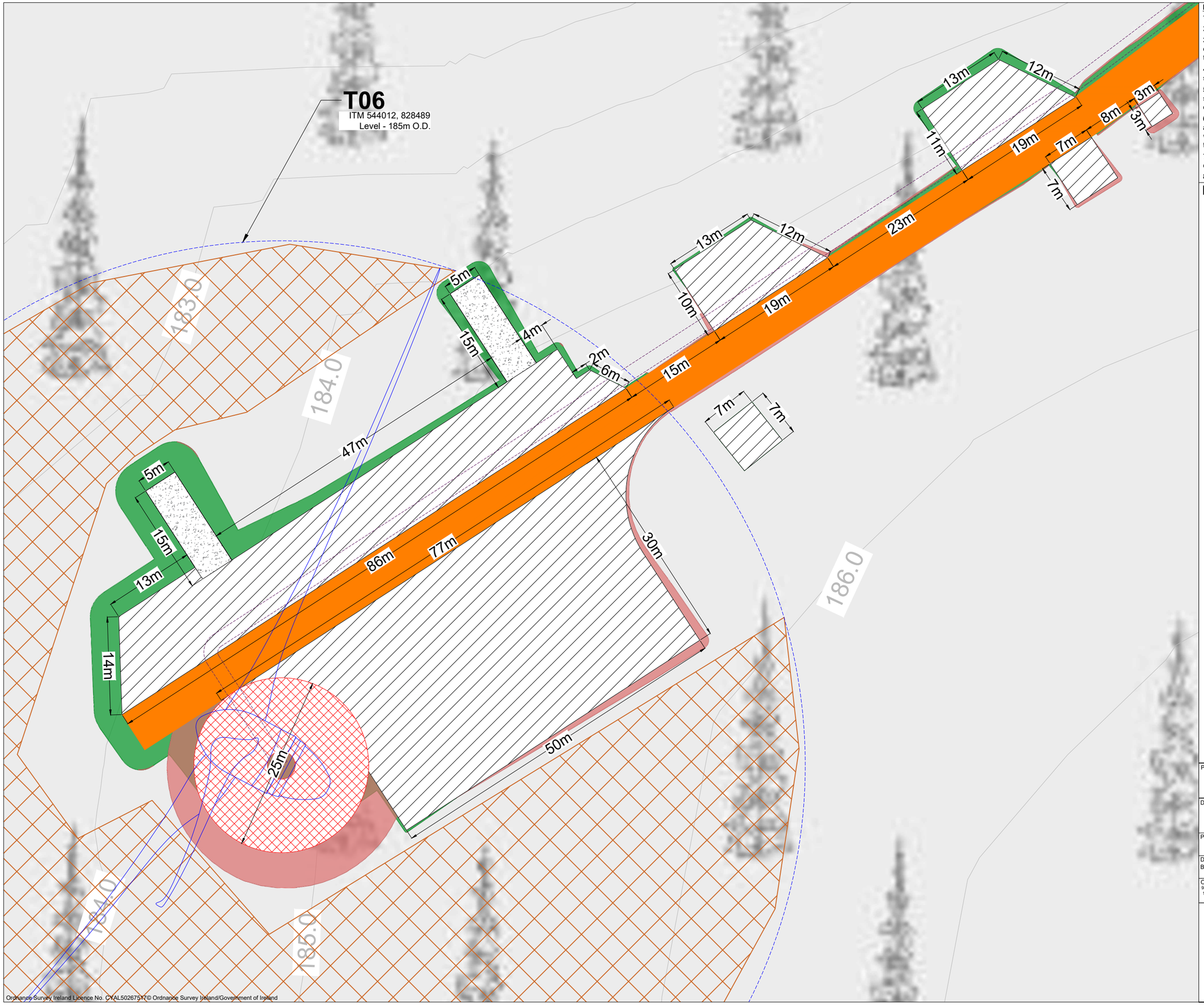

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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Proposed New Tracks
- Internal Cable Trench
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Proposed Peat and Spoil Management Areas
- Fill
- Cut

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Turbine 06 Layout

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841-06.6	1:500 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	N/A	29.07.2026	P01

OS SHEET No.:
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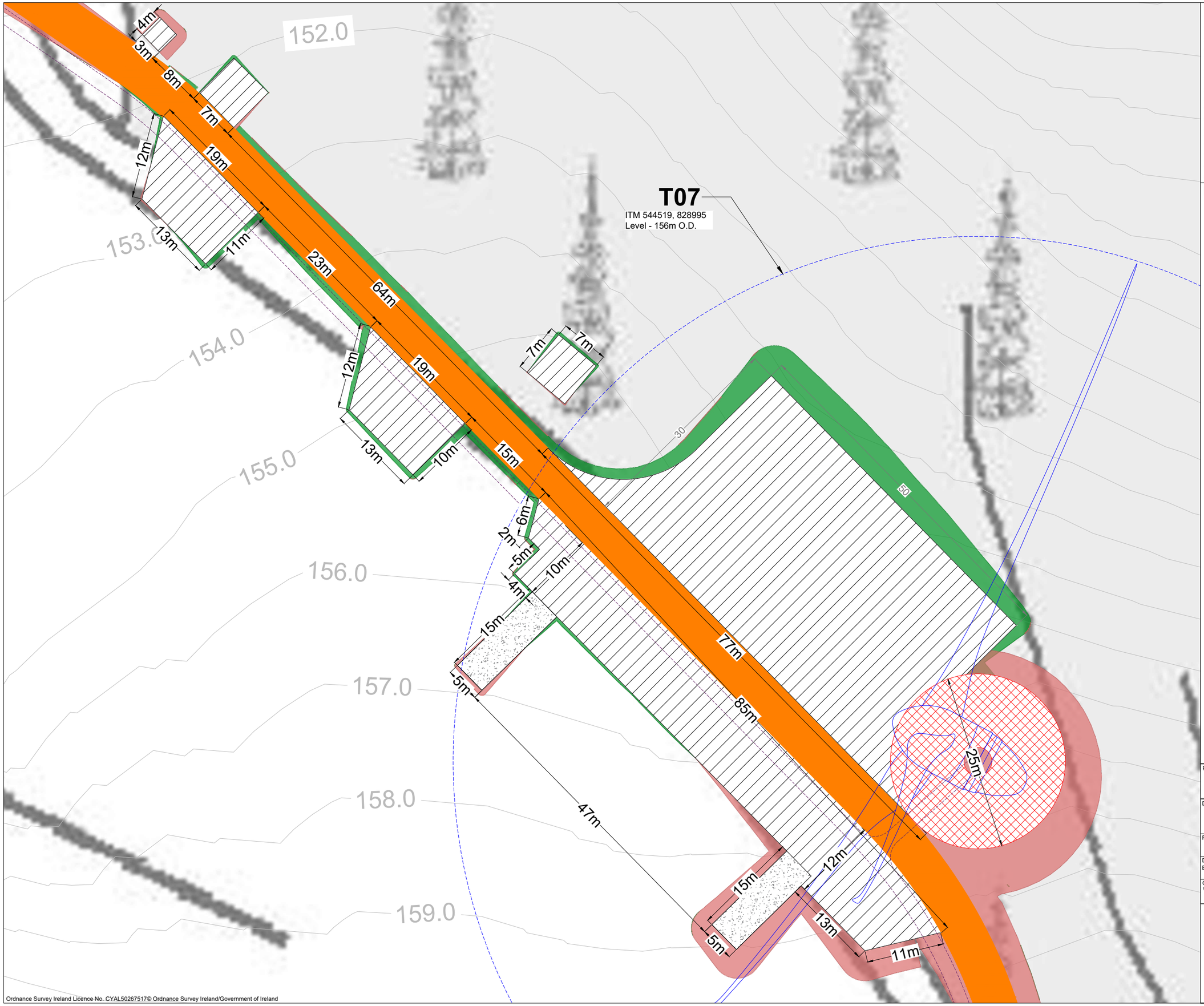

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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Proposed New Tracks
- Internal Cable Trench
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Fill
- Cut

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Turbine 07 Layout

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841-06.7	1:500 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	N/A	29.07.2026	P01

OS SHEET No.:
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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Existing Access Track to be Upgraded
- Proposed New Tracks
- Internal Cable Trench
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Fill
- Cut
- Existing Infrastructure - No Upgrade Proposed

T08
ITM 545257, 828620
Level - 187m O.D.

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Turbine 08 Layout

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841-06.8	1:500 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	N/A	29.07.2026	P01

OS SHEET No.:
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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Proposed New Tracks
- Internal Cable Trench
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Fill
- Cut
- Existing Infrastructure - No Upgrade Proposed

T09
ITM 545425, 828224
Level -211m O.D.

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Turbine 09 Layout

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841-06.9	1:500 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	N/A	29.07.2026	P01

OS SHEET No.:
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T10
ITM 546041, 828377
Level - 240m O.D.

235.0
236.0
237.0
238.0
239.0
240.0

14m
13m
5m
15m
47m
86m
77m
25m
24m
5m
4m
5m
2m
6m
30m
41m
41m
13m
10m
15m
12m
64m
23m
7m
7m
13m
11m
12m
19m
7m
8m
7m
3m
4m

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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Planning Application Boundary
- Existing Access Track to be Upgraded
- Proposed New Tracks
- Internal Cable Trench
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Proposed Borrow Pits
- Proposed Peat and Spoil Management Areas
- Fill
- Cut
- Existing Infrastructure - No Upgrade Proposed

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Turbine 10 Layout

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841-06.10	1:500 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	N/A	29.07.2026	P01

OS SHEET No.:
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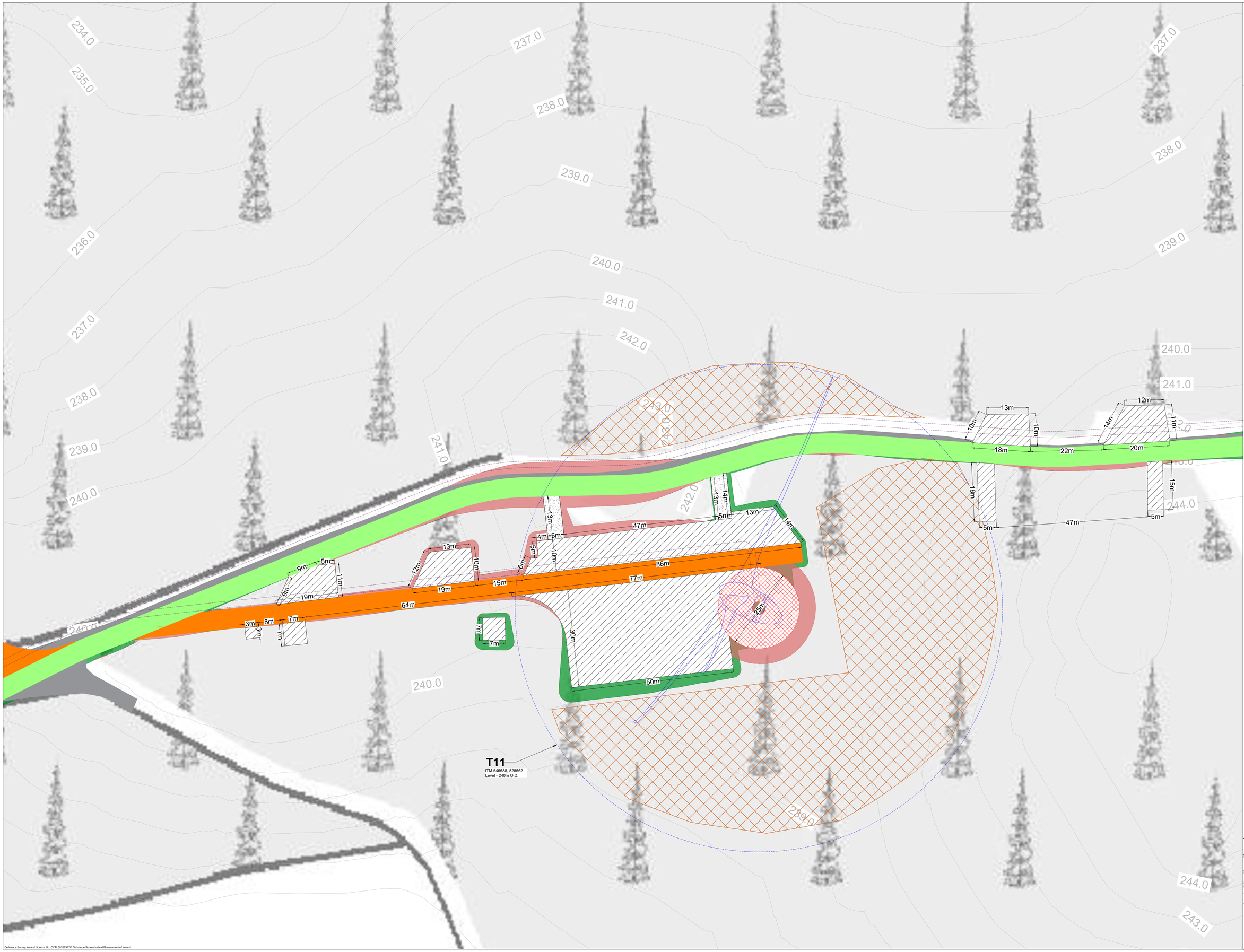

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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Existing Access Track to be Upgraded
- Proposed New Tracks
- Internal Cable Trench
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Proposed Peat and Spoil Management Areas
- Fill
- Cut
- Existing Infrastructure - No Upgrade Proposed

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Turbine 11 Layout

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841-06.11	1:500 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	N/A	29.07.2026	P01

OS SHEET No.:
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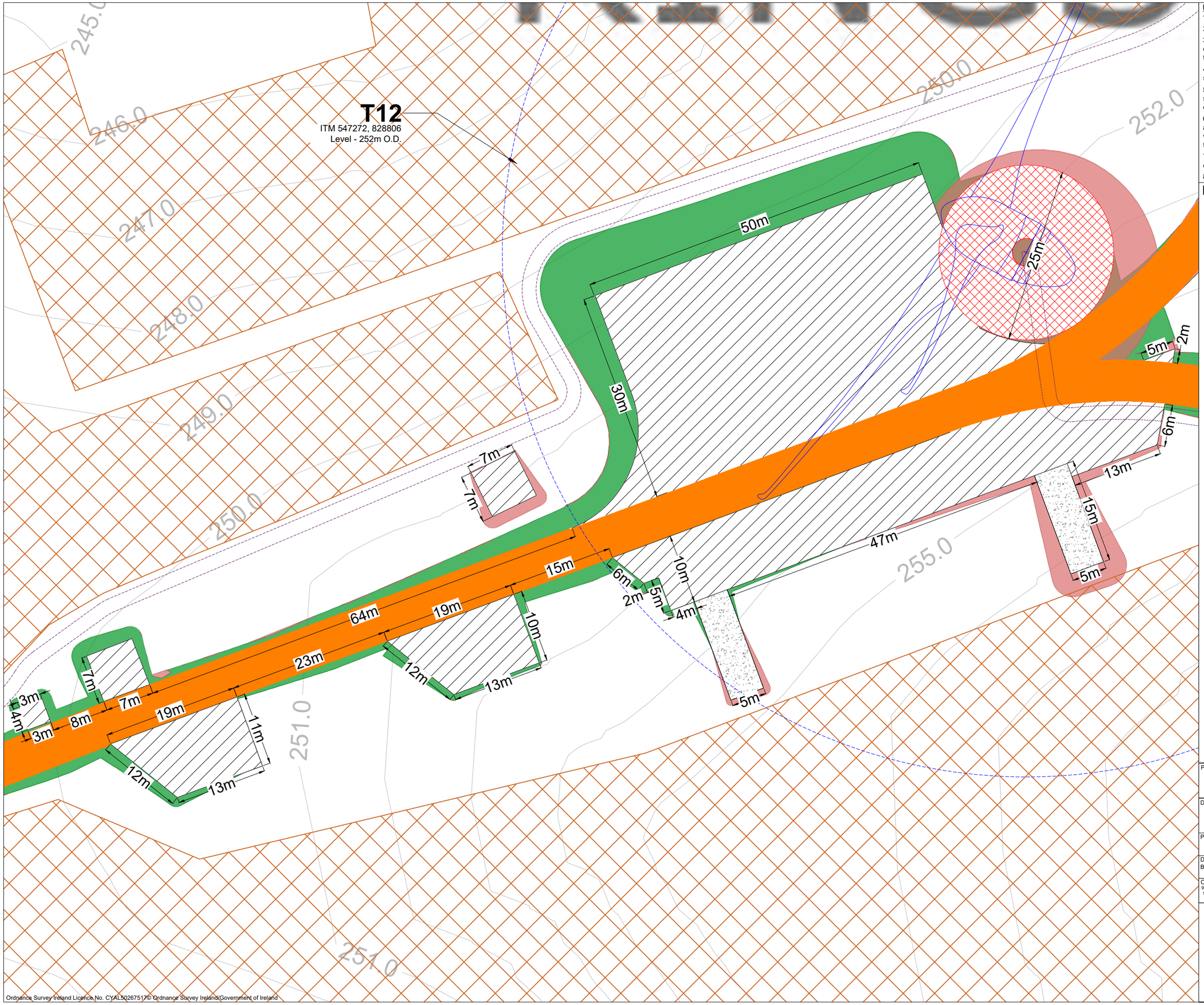

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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Proposed New Tracks
- Internal Cable Trench
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Proposed Peat and Spoil Management Areas
- Fill
- Cut

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Turbine 12 Layout

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841-06.12	1:500 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	N/A	29.07.2026	P01

OS SHEET No.:
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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Proposed New Tracks
- Internal Cable Trench
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Proposed Peat and Spoil Management Areas
- Fill
- Cut

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Turbine 13 Layout

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841-06.13	1:500 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	N/A	29.07.2026	P01

OS SHEET No.:
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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Existing Access Track to be Upgraded
- Proposed New Tracks
- Internal Cable Trench
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Fill
- Cut
- Existing Infrastructure - No Upgrade Proposed
- Water Crossing

T14
ITM 547754, 828353
Level - 272m O.D.

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Turbine 14 Layout

PROJECT No.:		DRAWING No.:	SCALE:
230841		230841-06.14	1:500 @ A3
DRAWN BY: GO	CHECKED BY: N/A	DATE: 29.07.2026	REVISION.: P01

OS SHEET No.: 949, 950, 951, 952, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1321, 1322, 1323, 1324, 1325, 1326, 1327

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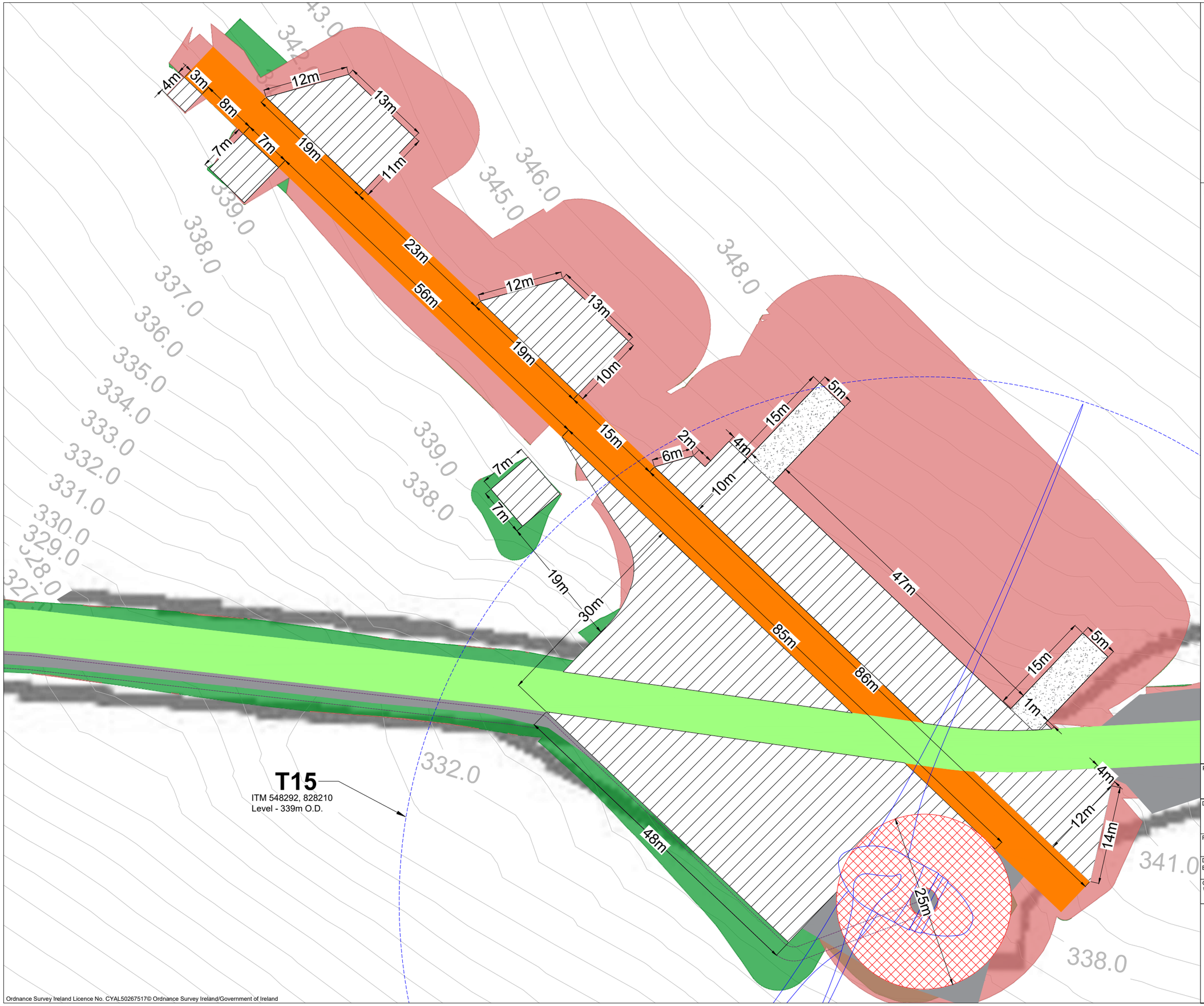

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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Existing Access Track to be Upgraded
- Proposed New Tracks
- Internal Cable Trench
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Fill
- Cut
- Existing Infrastructure - No Upgrade Proposed

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Turbine 15 Layout

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841-06.15	1:500 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	N/A	29.07.2026	P01

OS SHEET No.:
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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Existing Access Track to be Upgraded
- Proposed New Tracks
- Internal Cable Trench
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Fill
- Cut
- Existing Infrastructure - No Upgrade Proposed

T16
ITM 548570, 827462
Level - 302m O.D.

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Turbine 16 Layout

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841-06.16	1:500 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	N/A	29.07.2026	P01

OS SHEET No.:
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7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Proposed New Tracks
- Internal Cable Trench
- Soft Levelled Area
- Hardstand
- Turbine Foundation
- Turbine Sweep Area
- Proposed Peat and Spoil Management Areas
- Fill
- Cut

T17
ITM 548194, 827756
Level - 272m O.D.

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Turbine 17 Layout

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841-06.17	1:500 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	N/A	29.07.2026	P01

OS SHEET No.:
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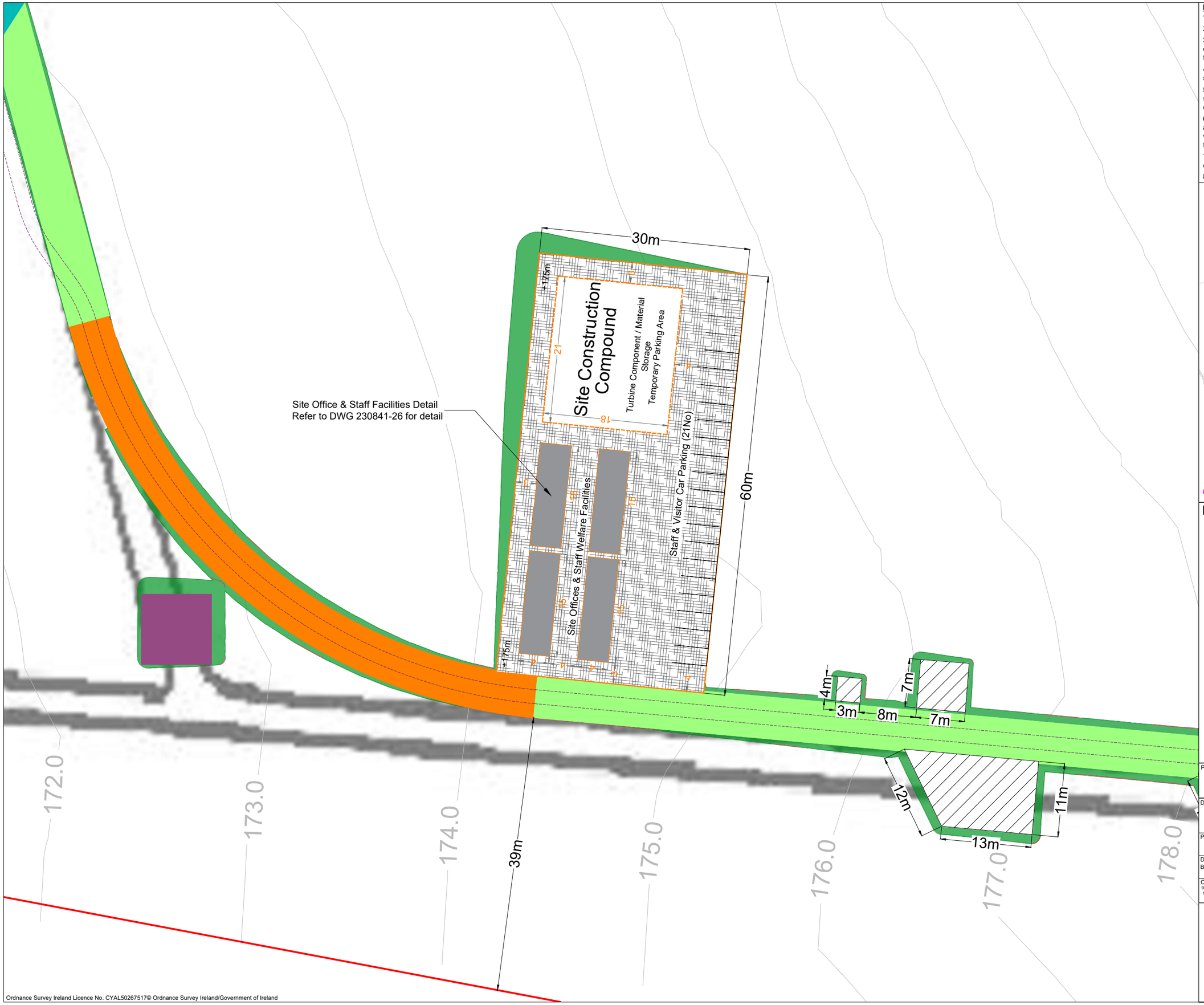

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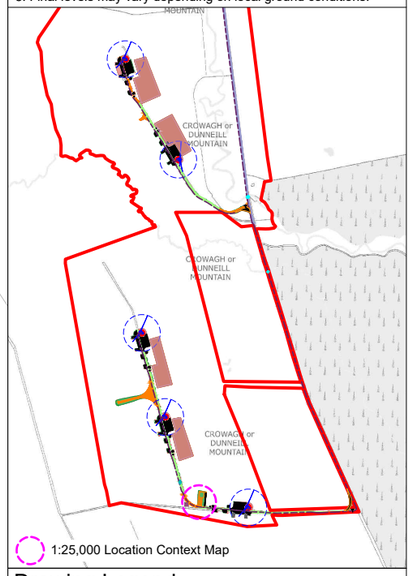
7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.



1:25,000 Location Context Map

Drawing Legend

- Planning Application Boundary
- Existing Access Track to be Upgraded
- Proposed New Tracks
- Internal Cable Trench
- Hardstand
- Proposed Onsite LiDAR Compound
- Fill
- Cut

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Temporary Construction Compound 01

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841 - 07	1:500 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	N/A	29.07.2026	P01

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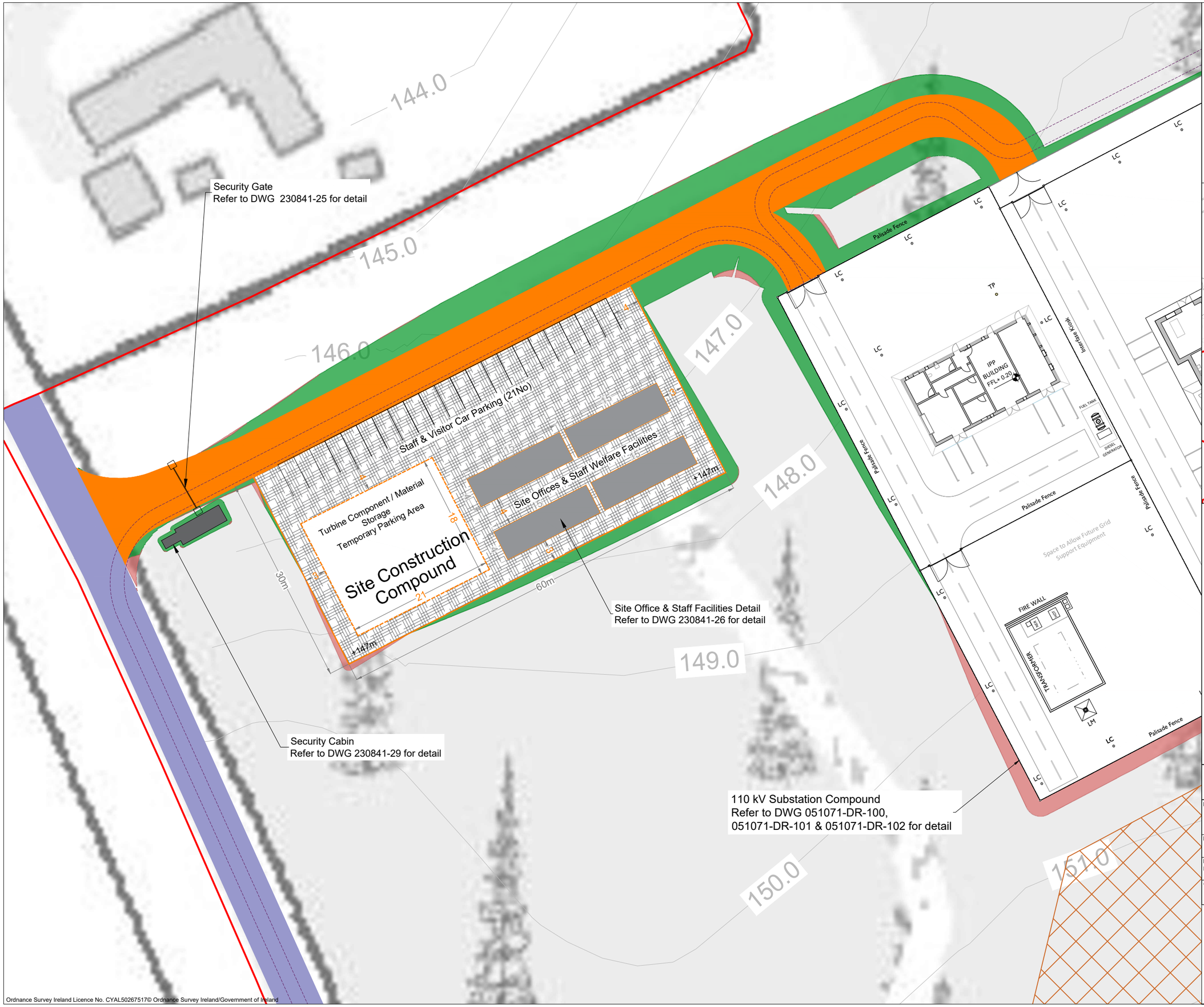

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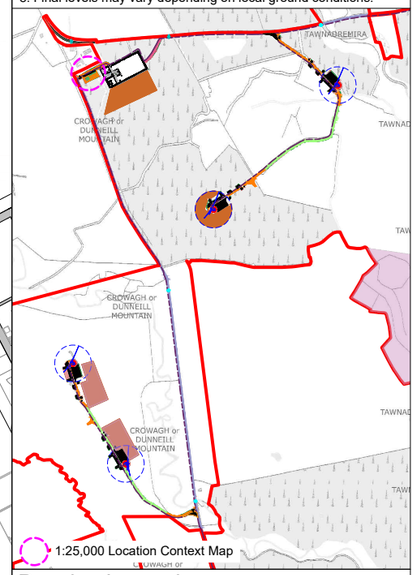
7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.



1:25,000 Location Context Map

Drawing Legend

- Planning Application Boundary
- Existing Public Road to be Upgraded
- Proposed New Tracks
- Internal Cable Trench
- Proposed Peat and Spoil Management Areas
- Security Cabin
- Security Gate
- Fill
- Cut

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Temporary Construction Compound 02

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841 - 08	1:500 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	N/A	29.07.2026	P01

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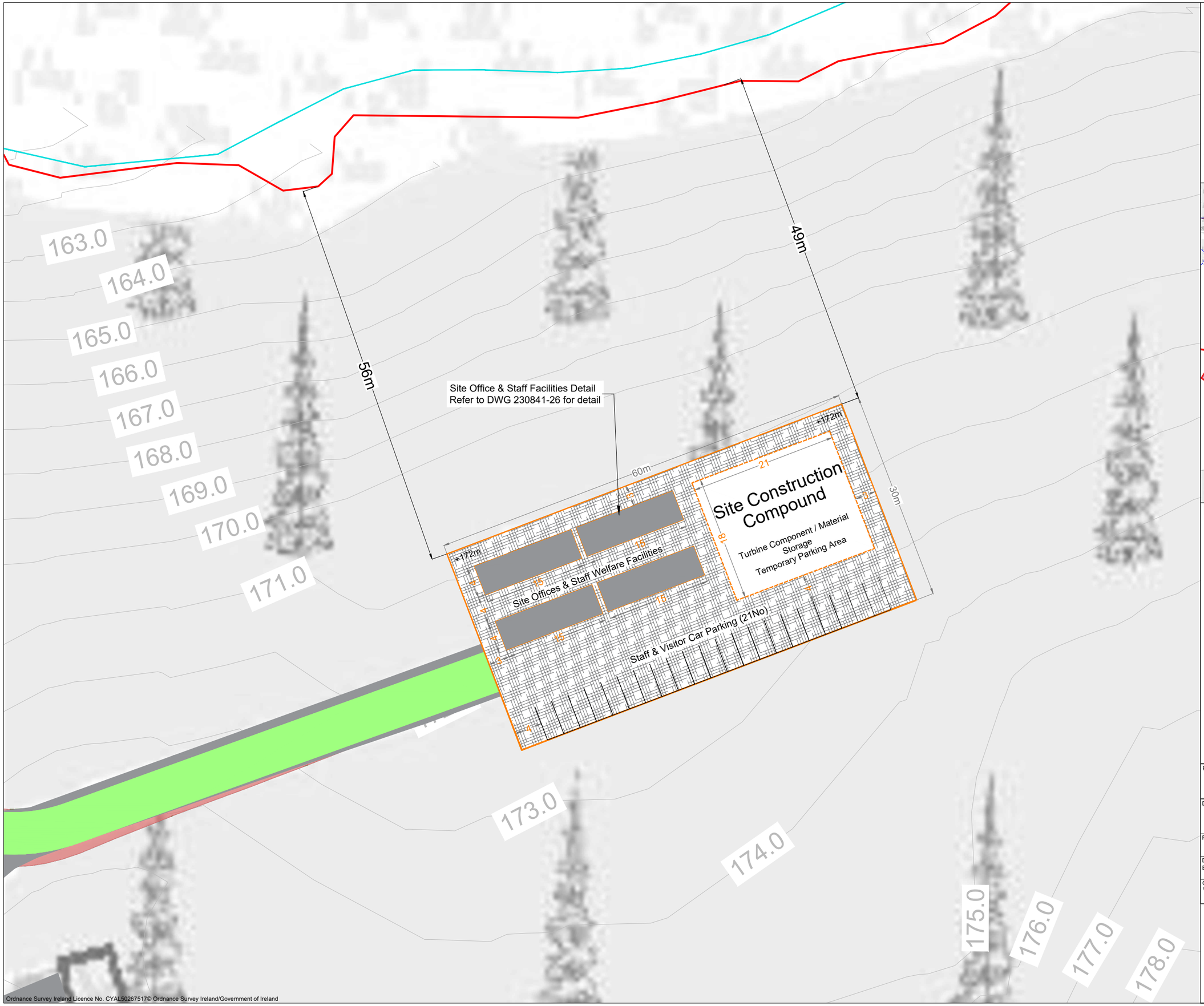

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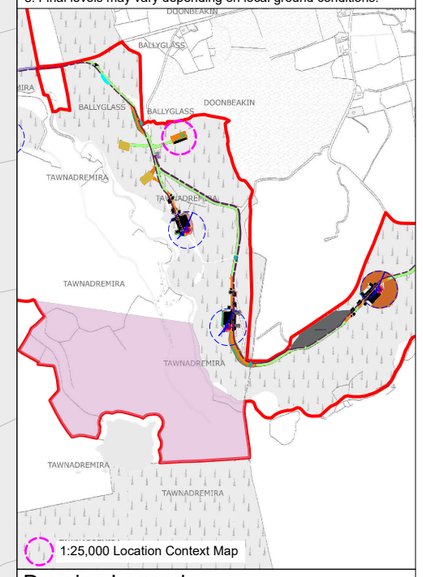
7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.



Drawing Legend

- Planning Application Boundary
- Existing Access Track to be Upgraded
- River/Stream
- Fill
- Cut
- Existing Infrastructure - No Upgrade Proposed

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Temporary Construction Compound 03

PROJECT No.:		DRAWING No.:	SCALE:
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DRAWN BY: GO	CHECKED BY: N/A	DATE: 29.07.2026	REVISION.: P01

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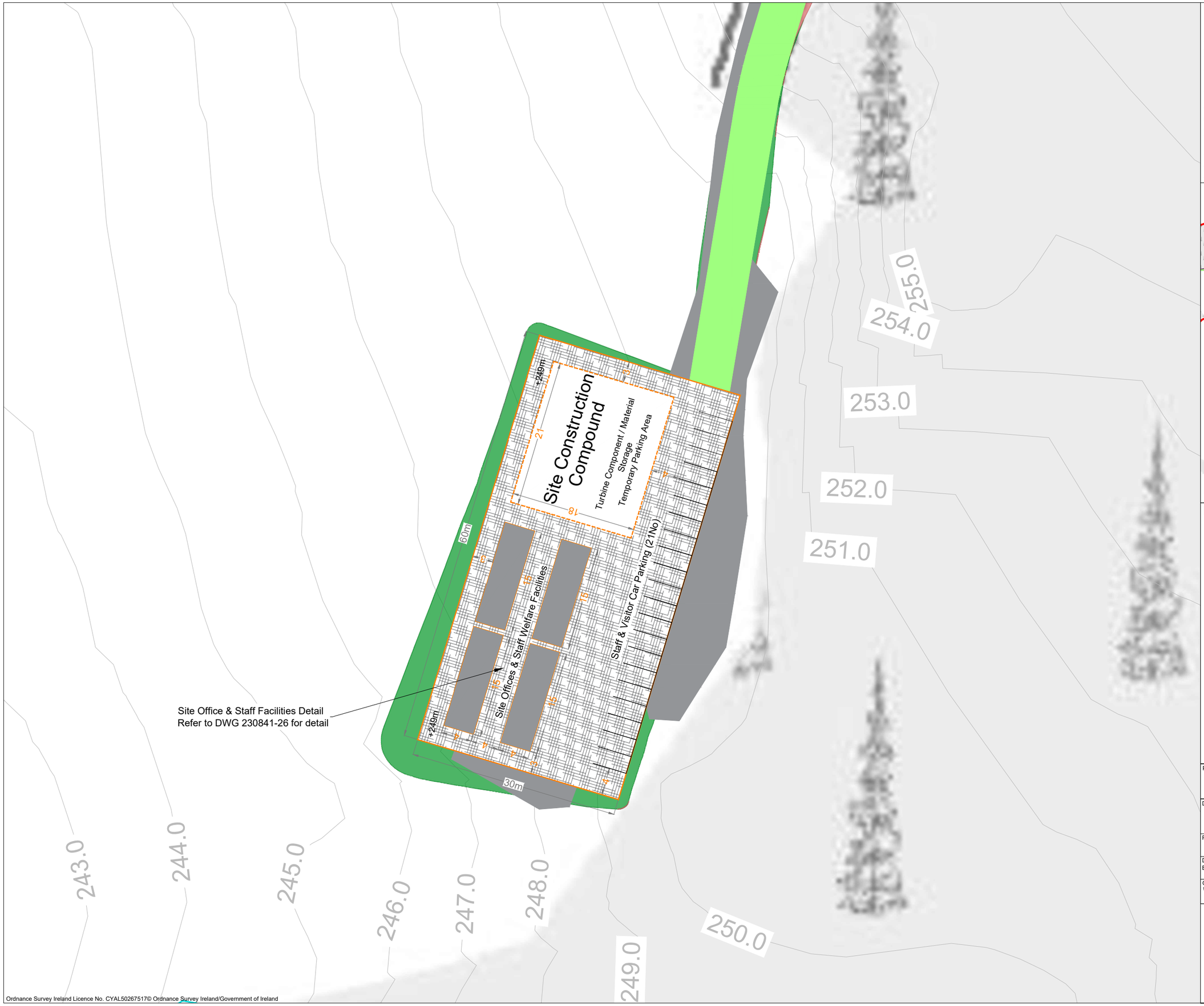

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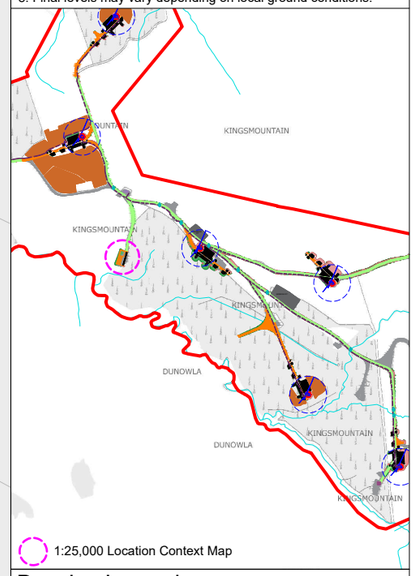
7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.



1:25,000 Location Context Map

Drawing Legend

- Existing Access Track to be Upgraded
- Fill
- Cut
- Existing Infrastructure - No Upgrade Proposed

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Temporary Construction Compound 04

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841 - 10	1:500 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	N/A	29.07.2026	P01

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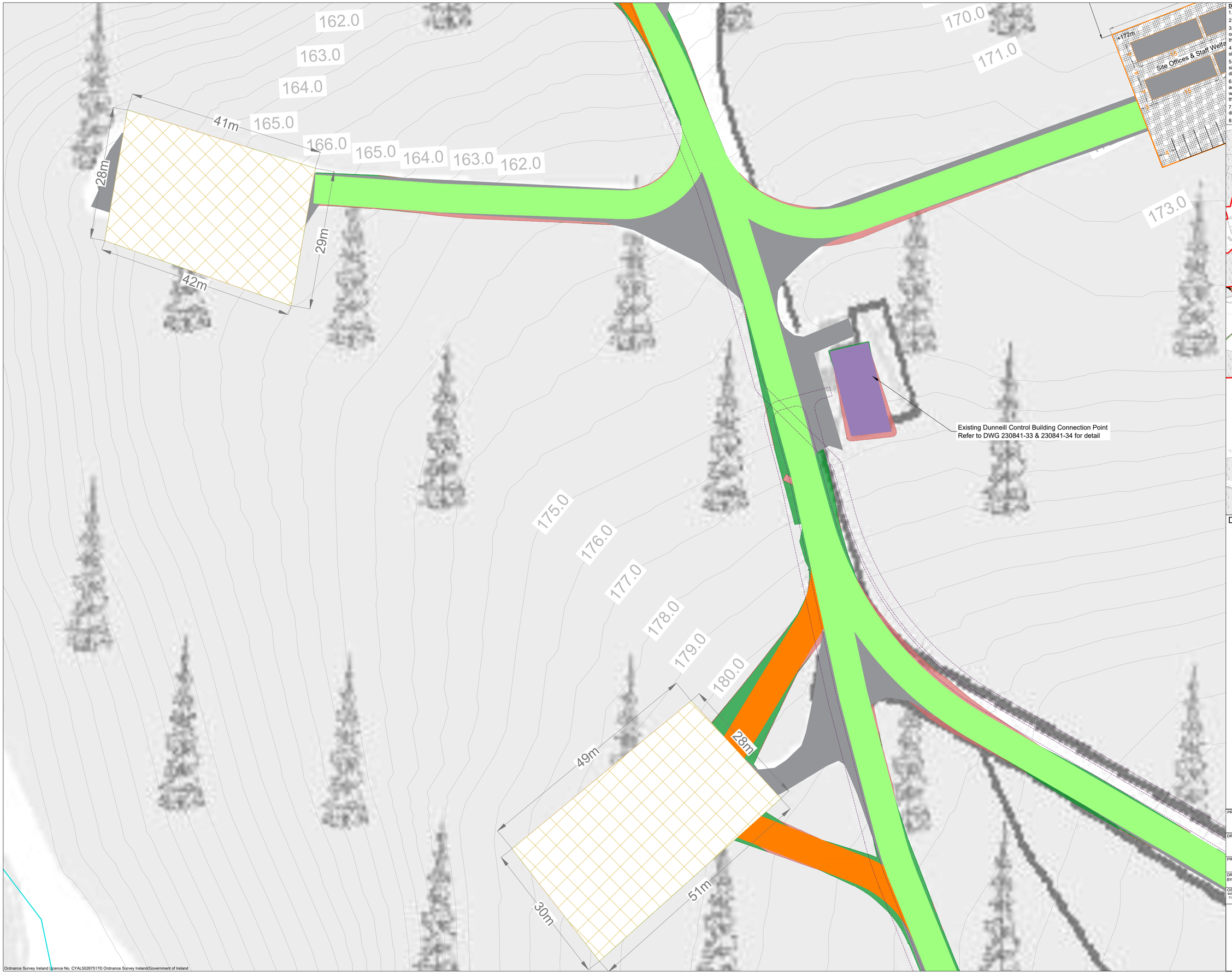

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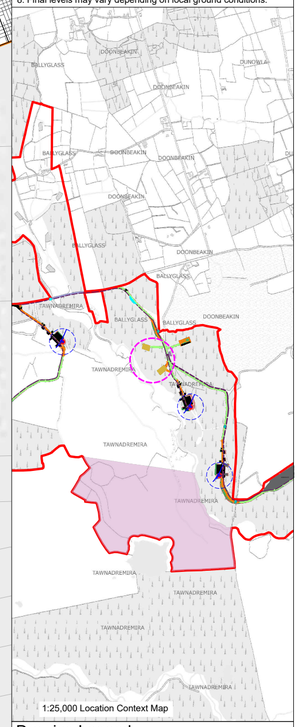
7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.



1:25,000 Location Context Map

Drawing Legend

- Existing Access Track to be Upgraded
- Proposed New Tracks
- Proposed Decommissioned Turbine Laydown Area
- Existing Onsite Control Buildings
- Hardstand
- Fill
- Cut
- Existing Infrastructure - No Upgrade Proposed

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Decommissioning Layouts

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841 - 11	1:500 @ A2

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	N/A	29.07.2026	P01

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Site Access A - L6039

Proposed Use:

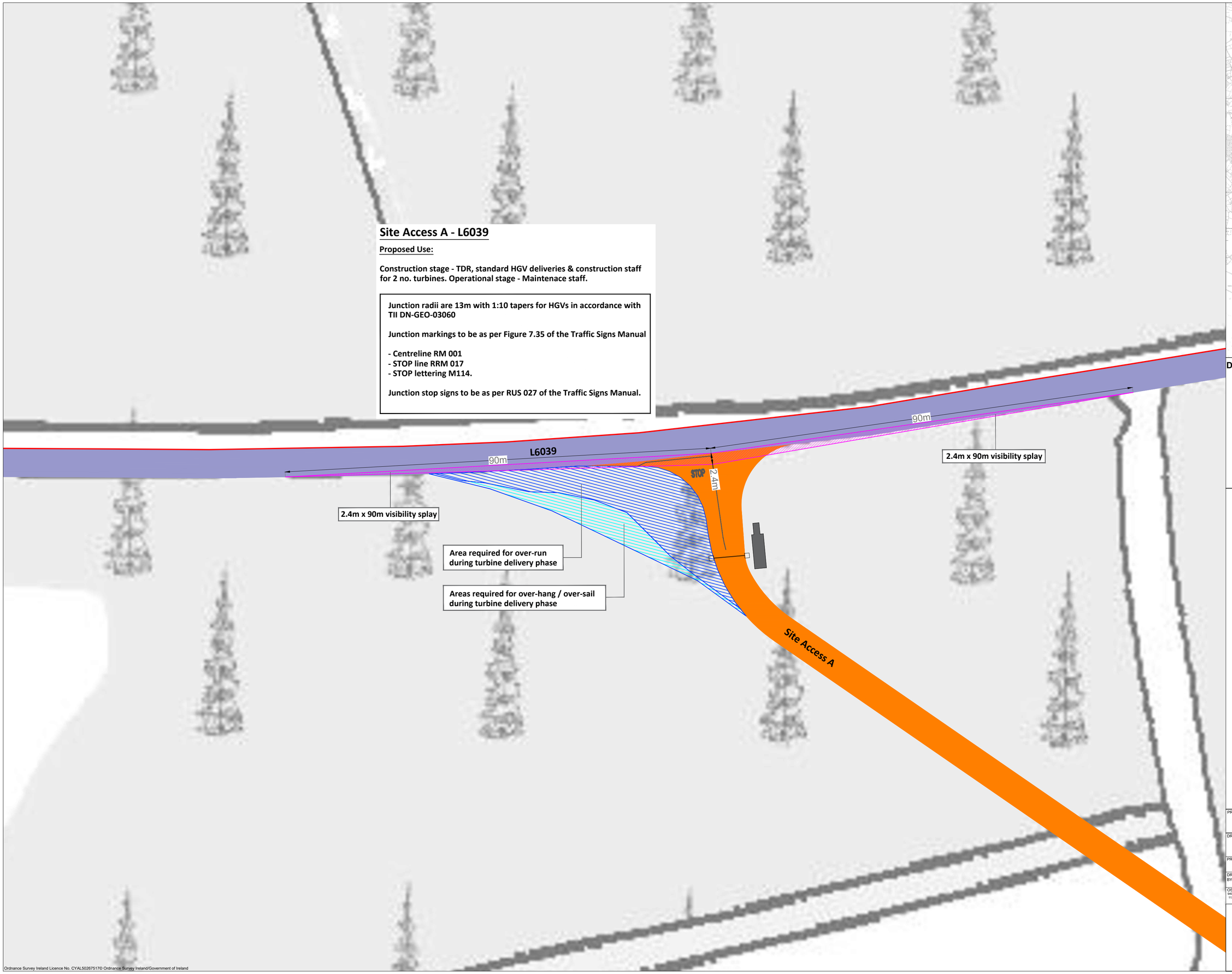
Construction stage - TDR, standard HGV deliveries & construction staff for 2 no. turbines. Operational stage - Maintenace staff.

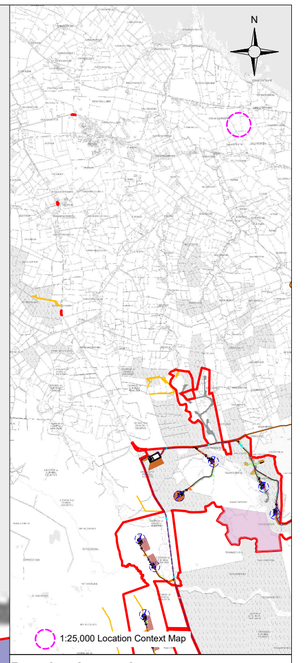
Junction radii are 13m with 1:10 tapers for HGVs in accordance with TII DN-GEO-03060

Junction markings to be as per Figure 7.35 of the Traffic Signs Manual

- Centreline RM 001
- STOP line RRM 017
- STOP lettering M114.

Junction stop signs to be as per RUS 027 of the Traffic Signs Manual.





Drawing Legend

- Planning Application Boundary
- Transport Hang Over/ Sail Over Area
- Transport Runover Area
- Visibility Splay
- Security Cabin
- Security Gate
- Proposed New Tracks
- Existing Public Road to be Upgraded

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Proposed Access Junction A

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841 - 12	1:500 @ A2

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	N/A	29.07.2026	P01

OS SHEET No.:
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Site Access B - L2702

Proposed Use:

Construction stage - TDR, standard HGV deliveries & construction staff for 2 no. turbines.
Operational stage - Maintenace staff.

Junction radii are 13m with 1:10 tapers for HGVs in accordance with TII DN-GEO-03060

Junction markings to be as per Figure 7.35 of the Traffic Signs Manual

- Centreline RM 001
- STOP line RRM 017
- STOP lettering M114.

Junction stop signs to be as per RUS 027 of the Traffic Signs Manual.

2.4m x 90m visibility splay

90m

L2702

STOP

2.4m

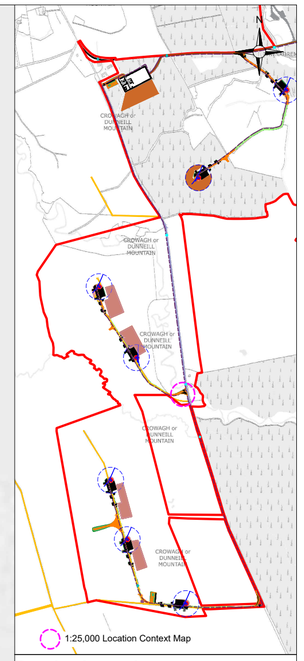
Site Access B

Areas required for over-hang / over-sail during turbine delivery phase

Area required for over-run during turbine delivery phase

90m

2.4m x 90m visibility splay



Drawing Legend

- Planning Application Boundary
- Transport Hang Over/ Sail Over Area
- Transport Runover Area
- Visibility Splay
- Security Cabin
- Security Gate
- Existing Access Track to be Upgraded
- Proposed New Tracks
- Existing Public Road to be Upgraded

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Proposed Access Junction B

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841 - 13	1:500 @ A2

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	N/A	29.07.2026	P01

OS SHEET No.:
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Site Access C - L2702

Proposed Use:

Construction stage - TDR, standard HGV deliveries & construction staff for 3 no. turbines.
Operational stage - Maintenace staff.

Junction radii are 13m with 1:10 tapers for HGVs in accordance with TII DN-GEO-03060

Junction markings to be as per Figure 7.35 of the Traffic Signs Manual

- **Centreline RM 001**
- **STOP line RRM 017**
- **STOP lettering M114.**

Junction stop signs to be as per RUS 027 of the Traffic Signs Manual.

2.4m x 90m visibility splay

Areas required for over-hang / over-sail during turbine delivery phase

90m

L2702

STOP

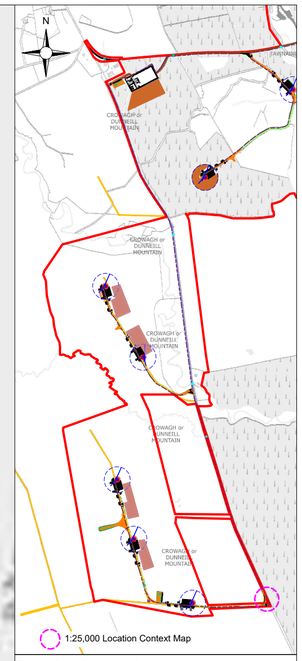
2.4m

Site Access C

Area required for over-run during turbine delivery phase

2.4m x 90m visibility splay

90m



Drawing Legend

- Planning Application Boundary
- Transport Hang Over/ Sail Over Area
- Transport Runover Area
- Visibility Splay
- Security Cabin
- Security Gate
- Existing Access Track to be Upgraded
- Existing Public Road to be Upgraded

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Proposed Access Junction C

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841 - 14	1:500 @ A2

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	N/A	29.07.2026	P01

OS SHEET No.:
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Existing Site Access D - L6039

Proposed Use:

Construction stage - TDR, standard HGV deliveries & construction staff for 10 no. turbines.
Operational stage - Maintenace staff.

Junction markings to be as per Figure 7.35 of the Traffic Signs Manual

- Centreline RM 001
- STOP line RRM 017
- STOP lettering M114.

Junction stop signs to be as per RUS 027 of the Traffic Signs Manual.

90m

2.4m

STOP

90m

2.4m x 90m visibility splay

Area required for over-run during turbine delivery phase

Areas required for over-hang / over-sail during turbine delivery phase

2.4m x 90m visibility splay

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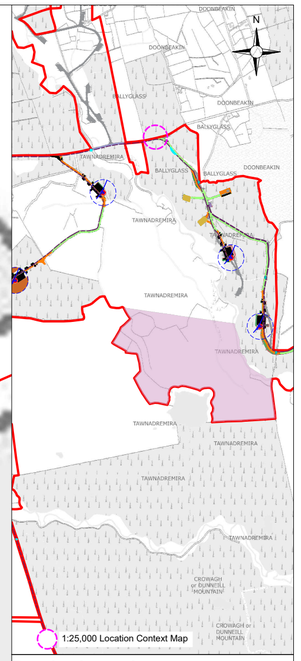

1:25,000 Location Context Map

Drawing Legend

- Planning Application Boundary
- Transport Hang Over/ Sail Over Area
- Transport Runover Area
- Visibility Splay
- Security Cabin
- Security Gate
- Existing Access Track to be Upgraded
- Existing Public Road to be Upgraded

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Proposed Access Junction D

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841 - 15	1:500 @ A2

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	N/A	29.07.2026	P01

OS SHEET No.:
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Site Access E - L2702

Proposed Use:

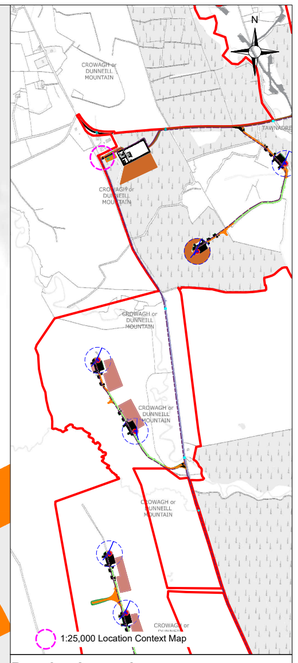
Construction stage - TDR, standard HGV deliveries & construction staff for substation
Operational stage - Maintenace staff.

Junction radii are 13m with 1:10 tapers for HGVs in accordance with
TII DN-GEO-03060

Junction markings to be as per Figure 7.35 of the Traffic Signs Manual

- Centreline RM 001
- STOP line RRM 017
- STOP lettering M114.

Junction stop signs to be as per RUS 027 of the Traffic Signs Manual.



Drawing Legend

- Planning Application Boundary
- Security Cabin
- Security Gate
- Proposed New Tracks
- Existing Public Road to be Upgraded
- Visibility Splay

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Proposed Access Junction E

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841 - 16	1:500 @ A2

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	N/A	29.07.2026	P01

OS SHEET No.:
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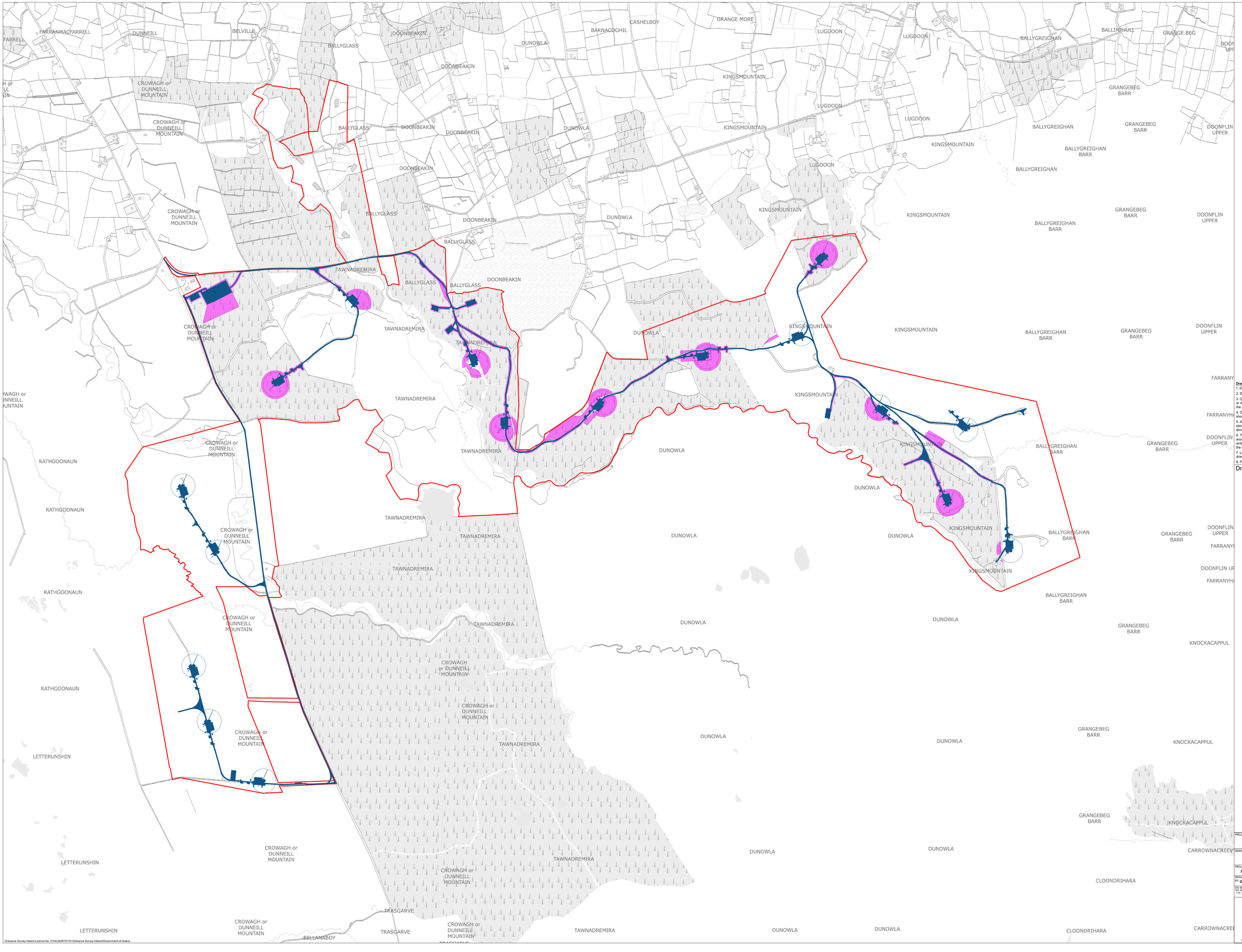

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6. The use of or reliance upon this drawing shall be deemed to be acceptance of these conditions of use unless otherwise agreed in writing, such written agreement to be sought from and issued by the copyright holder to the use or reliance upon this drawing.
7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Planning Application Boundary
- Proposed Wind Farm Infrastructure
- Forestry Felling Area

N

PROJECT TITLE:

Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:

Felling Area Plan

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841 - 17	1:10,000 @ A1
DRAWN BY: GO	CHECKED BY: N/A	DATE: 29.07.2026
		REVISION: P01

DS SHEET No.: 949, 950, 951, 952, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1321, 1322, 1323, 1324, 1325, 1326, 1327

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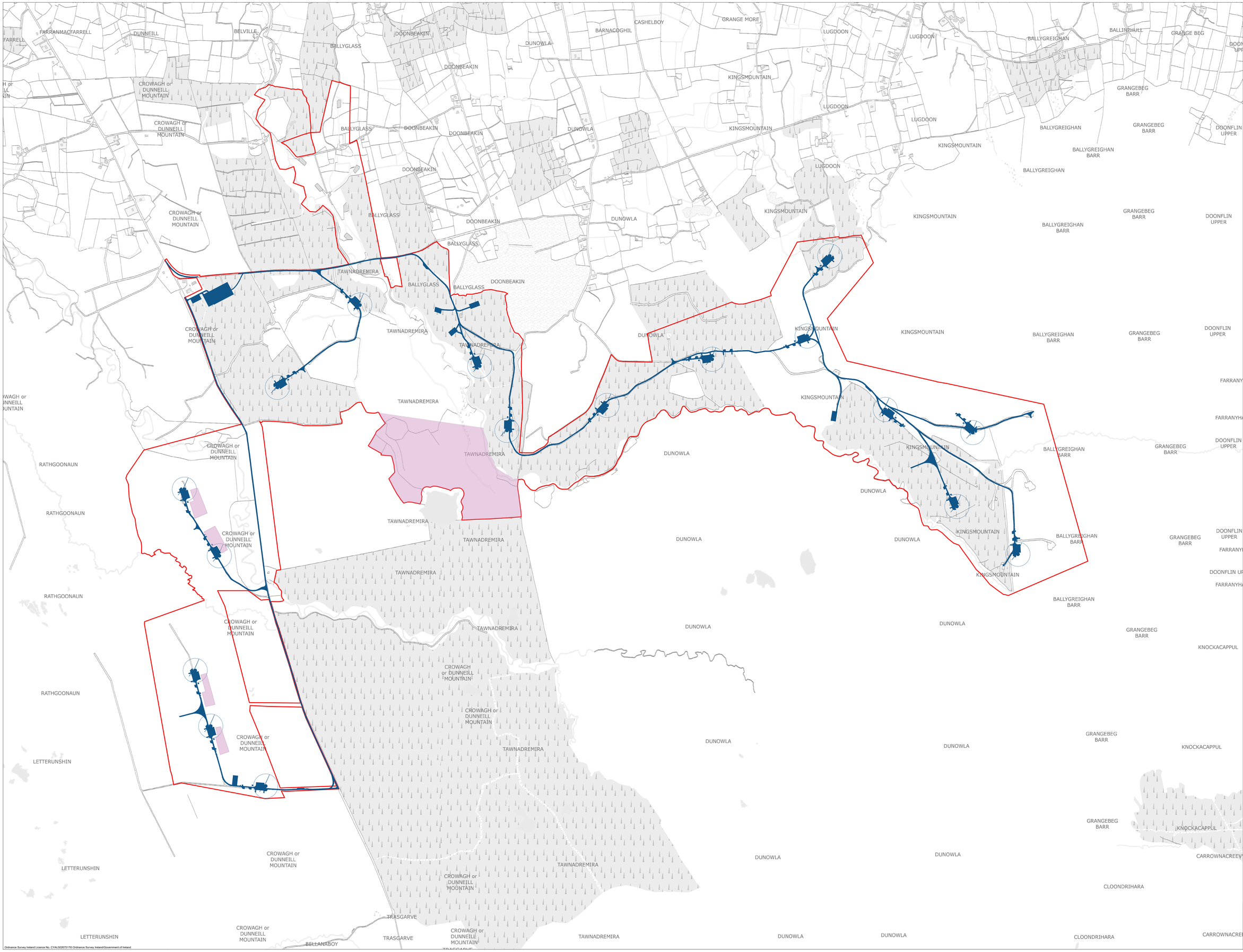

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6. The use of or reliance upon this drawing shall be deemed to be acceptance of these conditions of use unless otherwise agreed in writing, such written agreement to be sought from and issued by the copyright holder to the use or reliance upon this drawing.
7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

Drawing Legend

- Planning Application Boundary
- Proposed Biodiversity Management and Enhancement Area
- Proposed Wind Farm Infrastructure

N

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Biodiversity Enhancement and Management Proposals

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841 - 18	1:10,000 @ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION:
GO	N/A	29.07.2026	P01

OS SHEET No.:
949, 950, 951, 952, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1120, 1126, 1127, 1128, 1129, 1130, 1131, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1210, 1222, 1223, 1224, 1225, 1226, 1227

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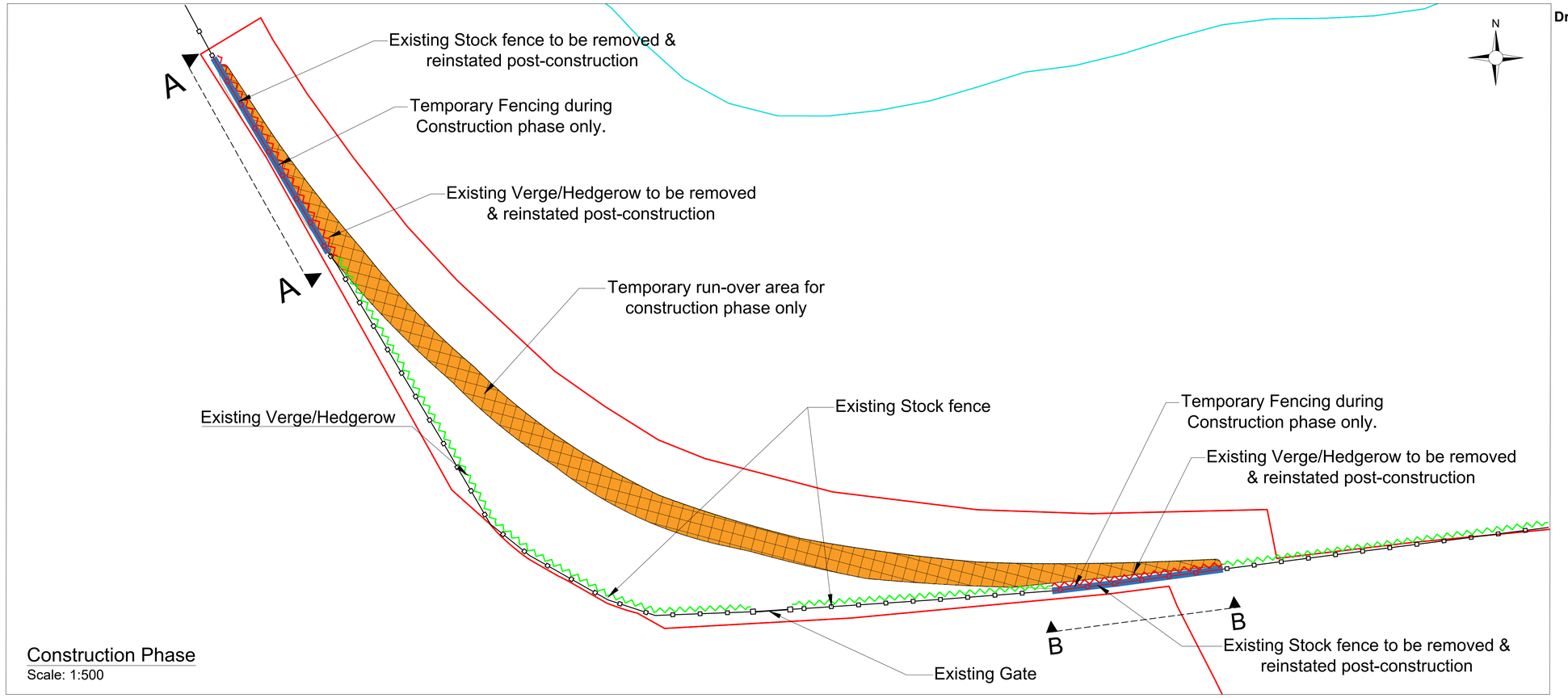
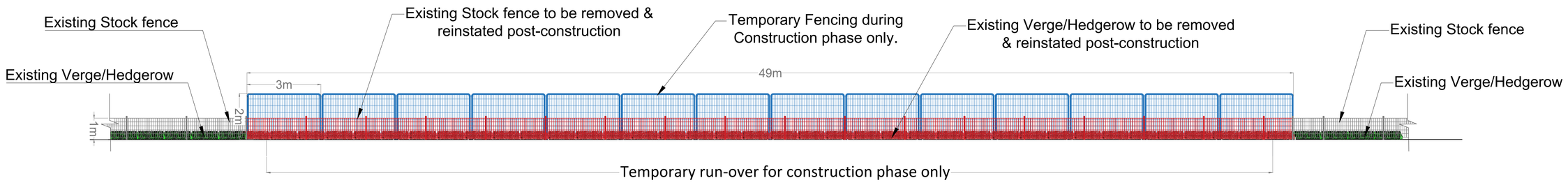
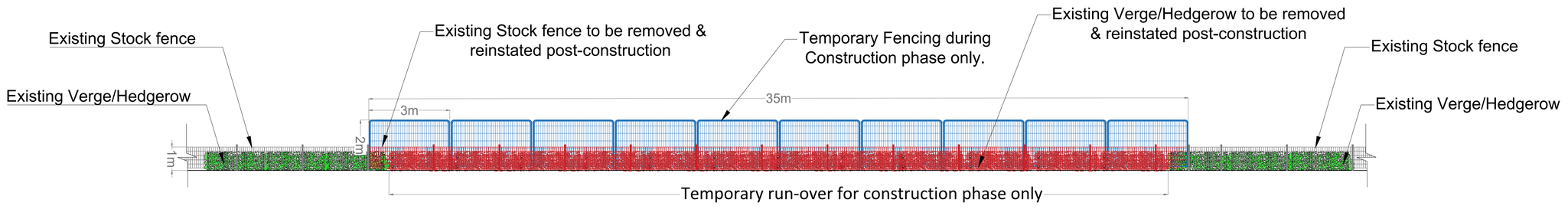


Construction Phase
Scale: 1:500



Elevation A-A - Construction Phase
Scale: 1:100



Elevation B-B - Construction Phase
Scale: 1:100

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Construction Phase Access Junction

PROJECT No:	DRAWING No:	SCALE:
230841	230841 - 19	As Shown@ A1
DRAWN BY: GO	CHECKED BY: N/A	DATE: 29.07.2026
		REVISION: P01

OS SHEET No:
945, 946, 951, 952, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1124, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1321, 1322, 1323, 1324, 1325, 1326, 1327

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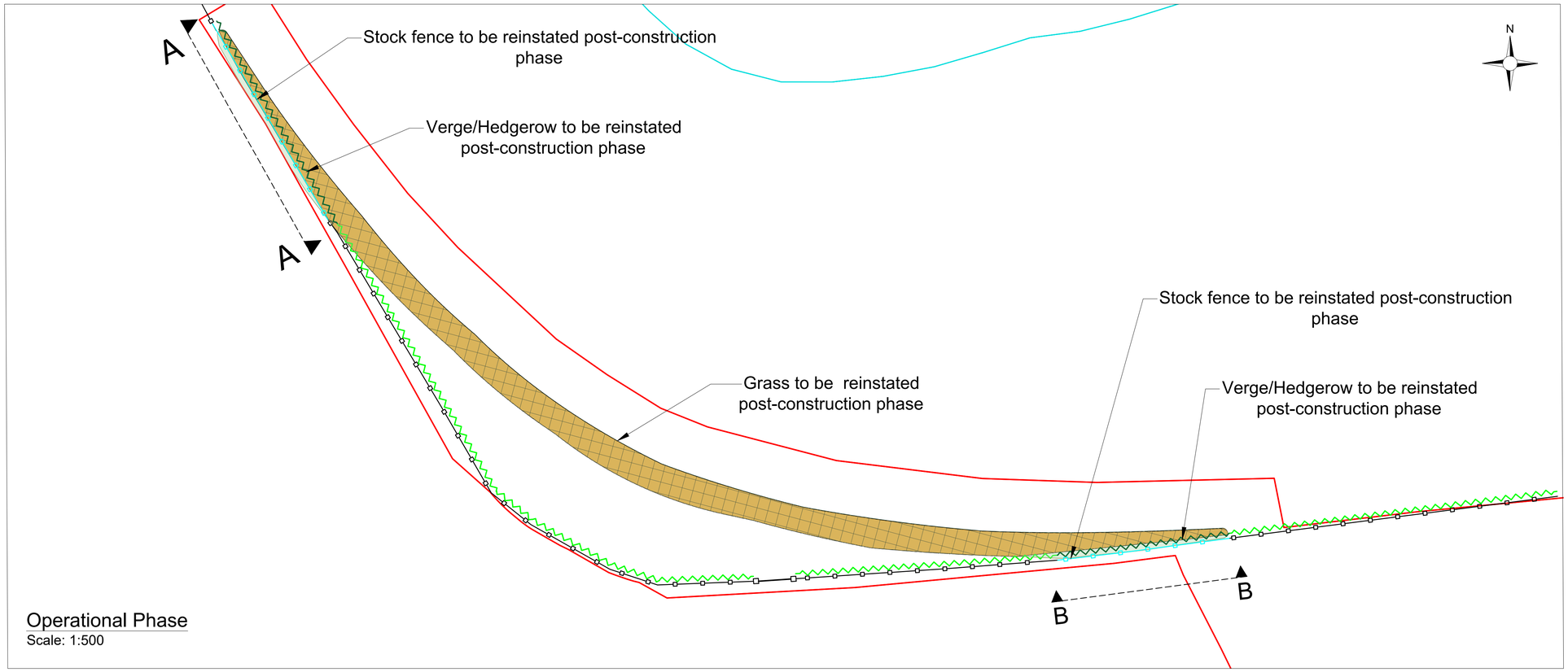
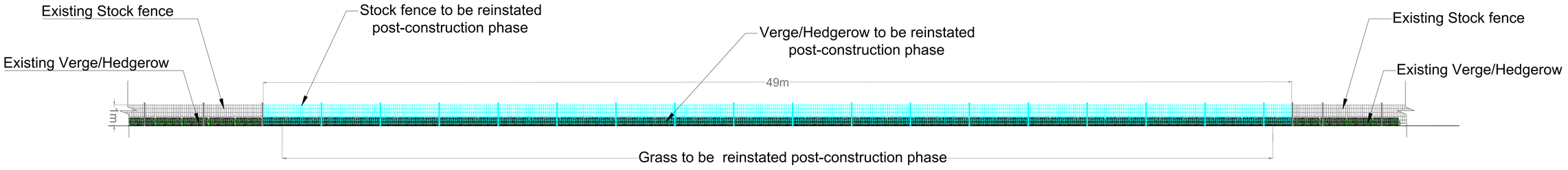


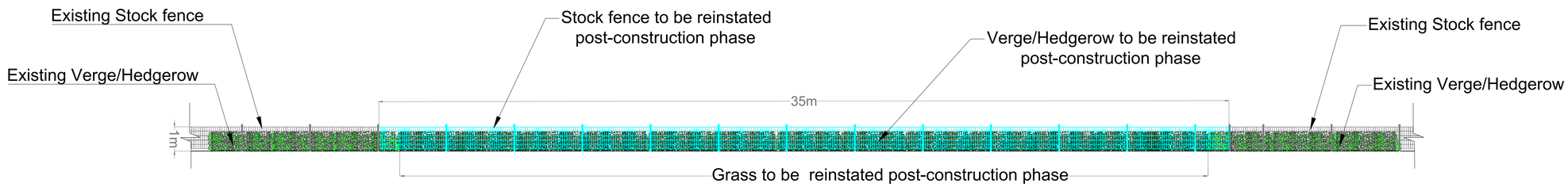
Operational Phase
Scale: 1:500

Drawing Legend

- Existing Verge/Hedgerow
- Existing Stock fence
- Verge/Hedgerow to be reinstated post-construction phase
- Stock fence to be reinstated post-construction phase
- Planning Application Boundary



Elevation A-A - Operational Phase
Scale: 1:100



Elevation B-B - Construction Phase
Scale: 1:100

PROJECT TITLE:
Crumhach Wind Farm, Co. Sligo

DRAWING TITLE:
Operational Phase Access Junction

PROJECT No:	DRAWING No:	SCALE:
230841	230841 - 20	As shown @ A1
DRAWN BY: GO	CHECKED BY: N/A	DATE: 29.07.2026
		REVISION: P01

OS SHEET No:
945, 946, 951, 952, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1124, 1126, 1127, 1128, 1129, 1130, 1131, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1301, 1302, 1303, 1304, 1305, 1306, 1307

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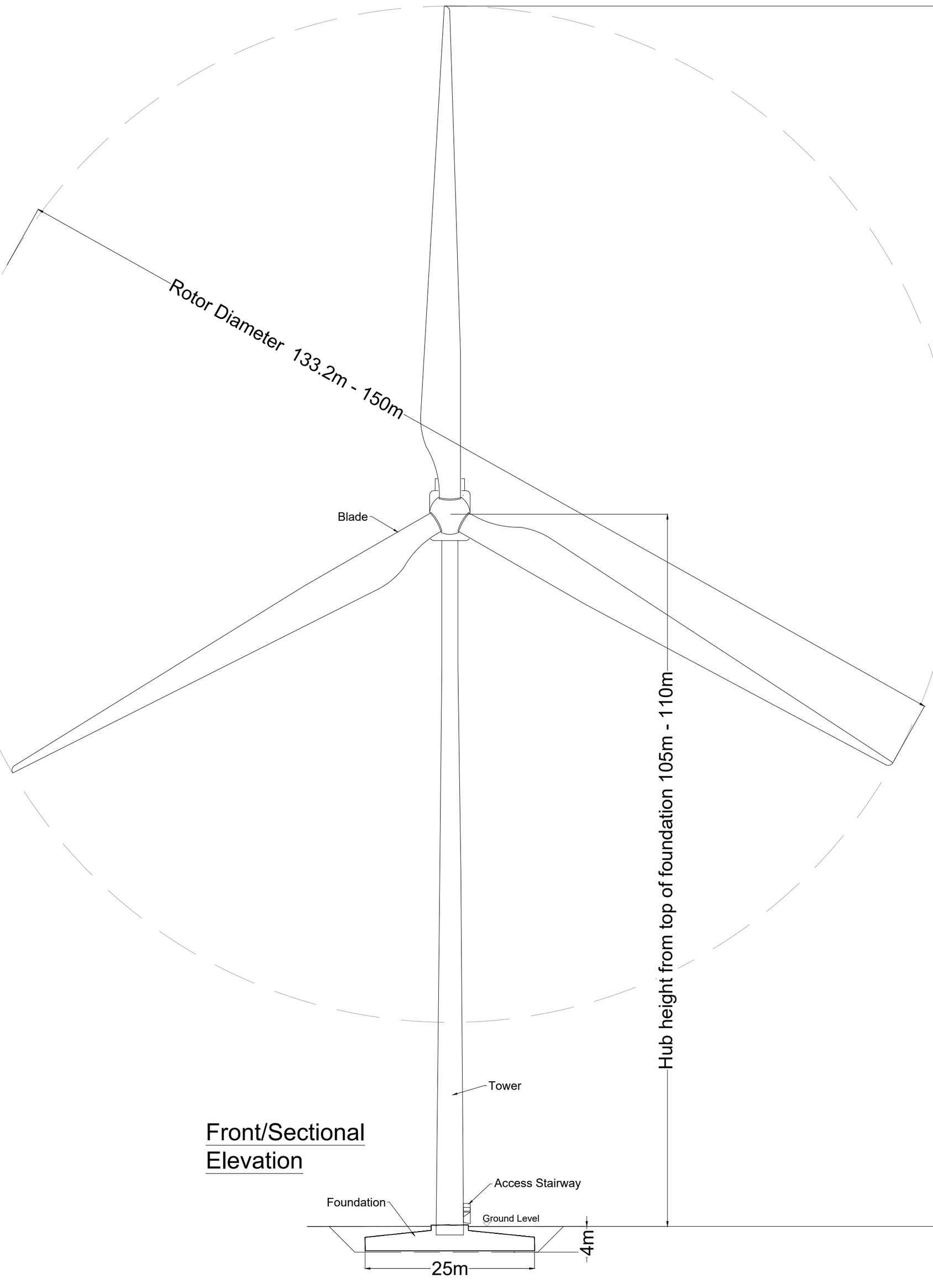
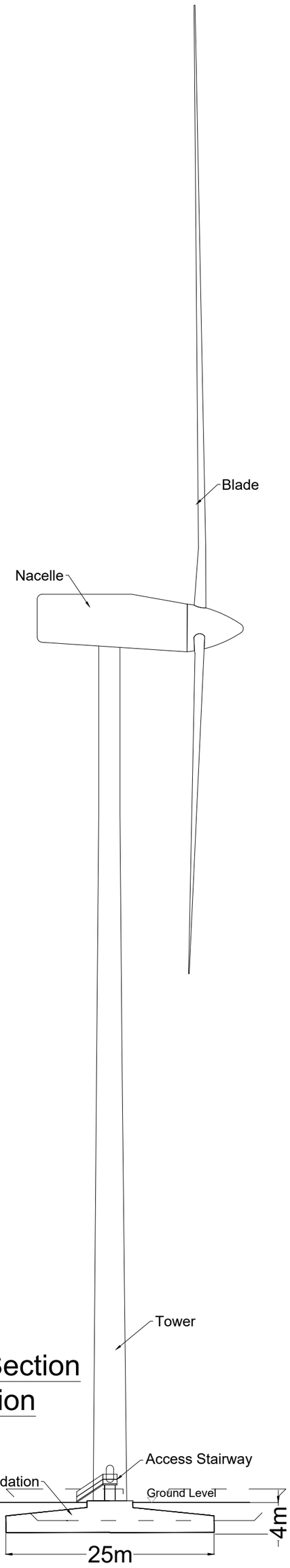
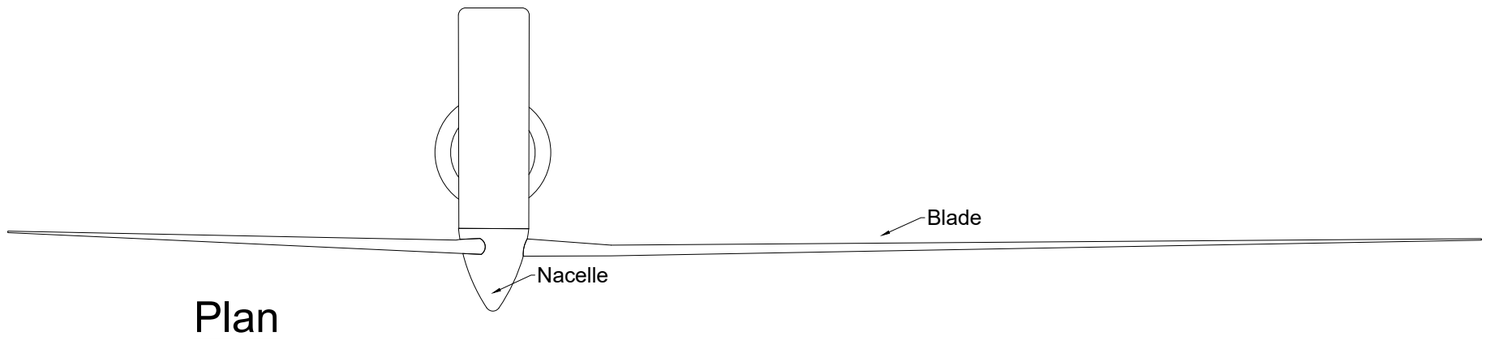


Front/Sectional Elevation



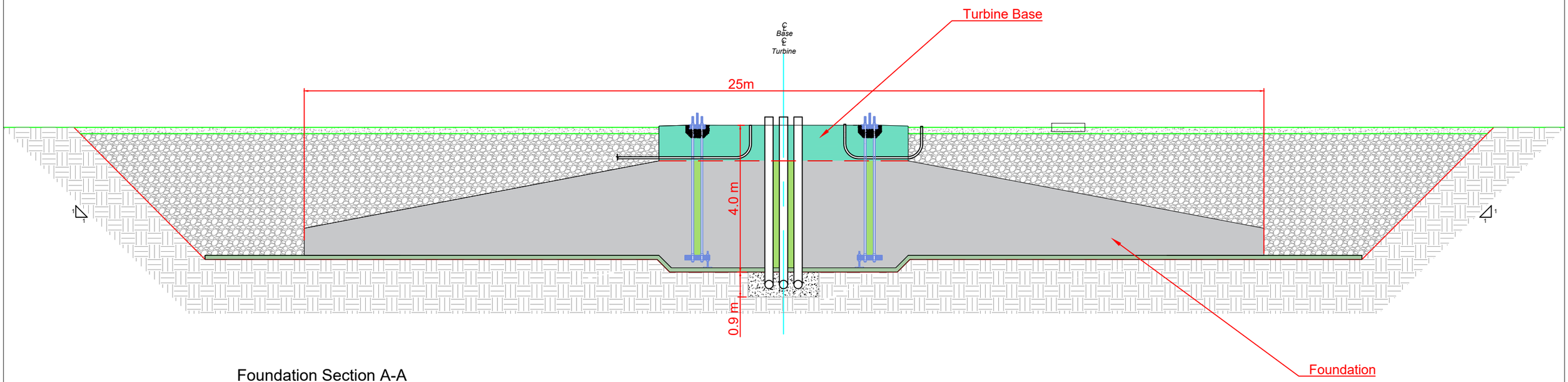
Side/Section Elevation



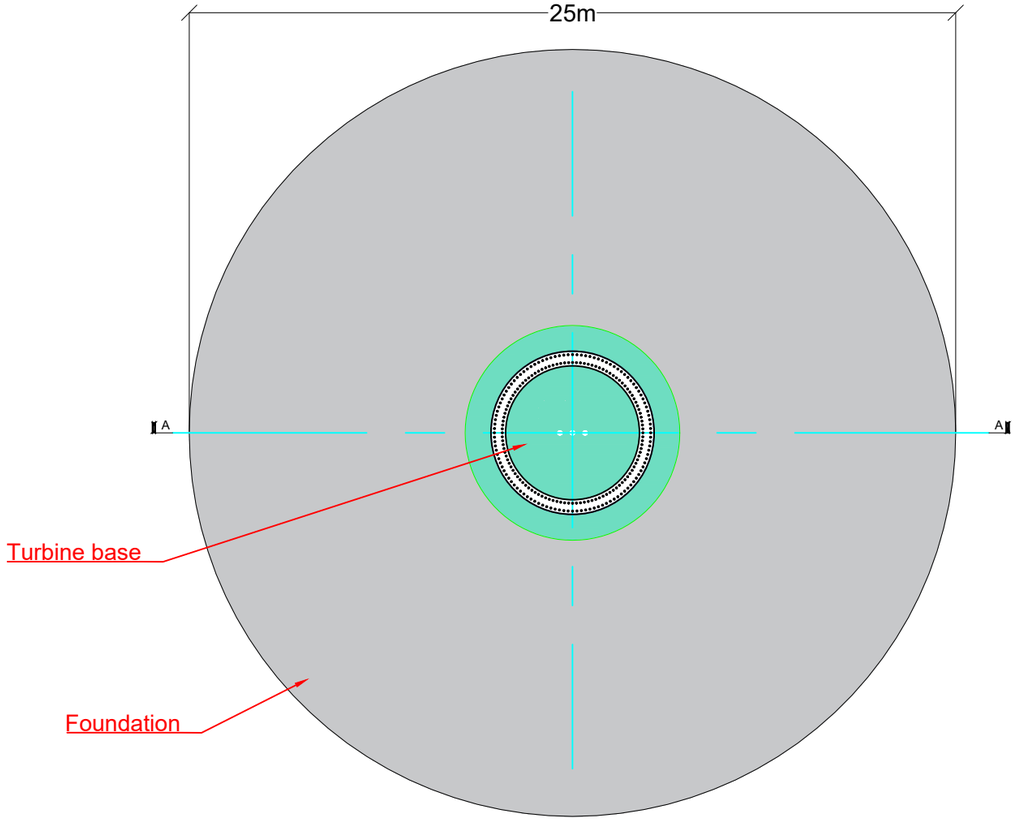
Plan

PROJECT TITLE: SSE Crumhach Wind Farm			
DRAWING TITLE: Wind Turbine Plan & Elevations			
PROJECT No.: 230841		DRAWING No.: 230841-21	SCALE: 1:500 @ A2
DRAWN BY: GO	CHECKED BY: BT	DATE: 28.07.2026	REVISION.: P01

Email: info@www.mkoireland.ie/Website: www.mkoireland.ie



Foundation Section A-A
Scale 1:100



Foundation Base Plan
Scale: 1:200

PROJECT TITLE: **SSE Crumhach Wind Farm**			
DRAWING TITLE: **Gravity Foundation Details**			
PROJECT No.: **230841**		DRAWING No.: **230841-22**	SCALE: **As shown @ A3**
DRAWN BY: **GO**	CHECKED BY: **BT**	DATE: **28.07.2026**	REVISION.: P01

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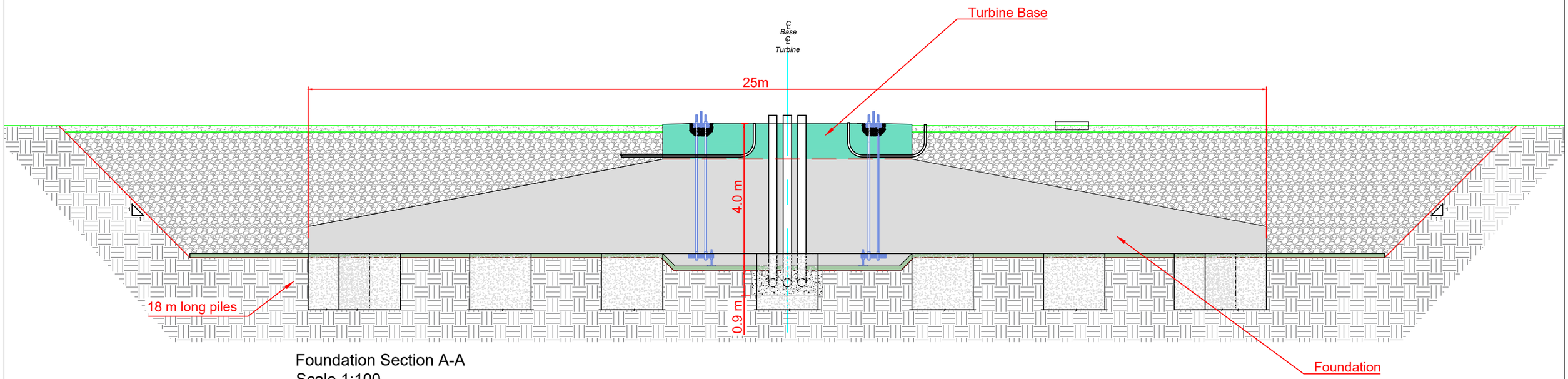
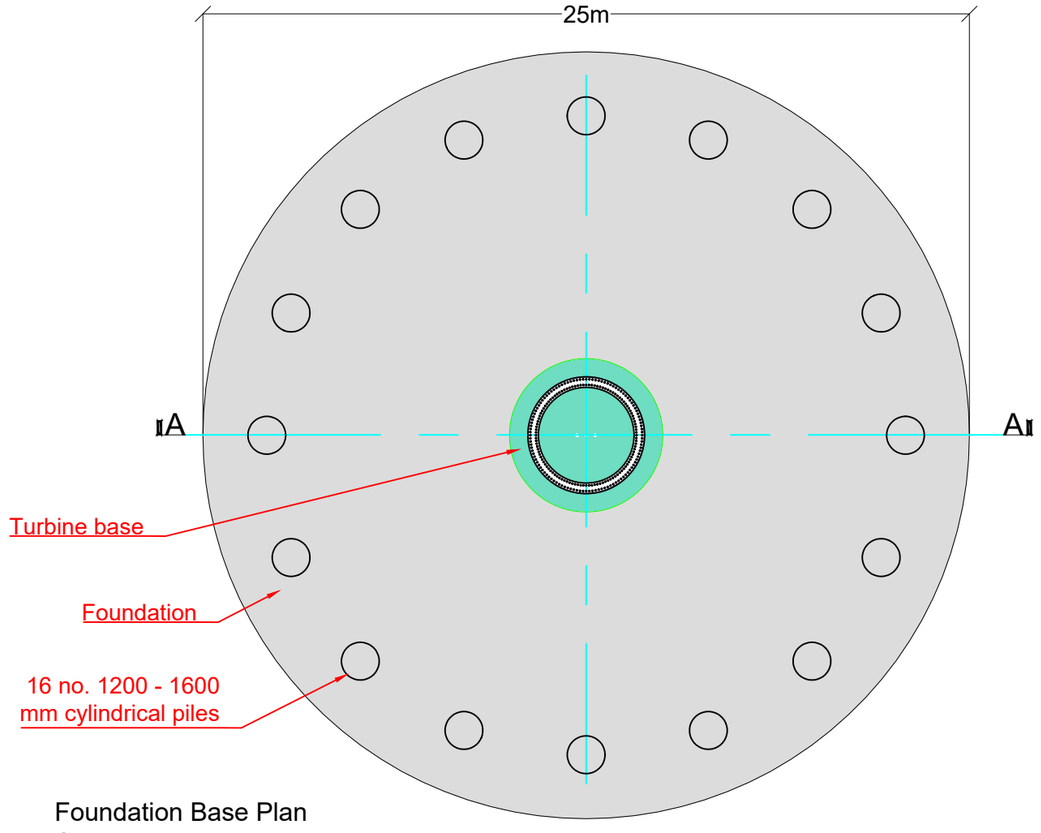


Foundation Section A-A
Scale 1:100



Foundation Base Plan
Scale: 1:200

PROJECT TITLE:
SSE Crumhach Wind Farm

DRAWING TITLE:
Bored Pile Foundation Details

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841-23	As shown @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	BT	28.07.2026	P01

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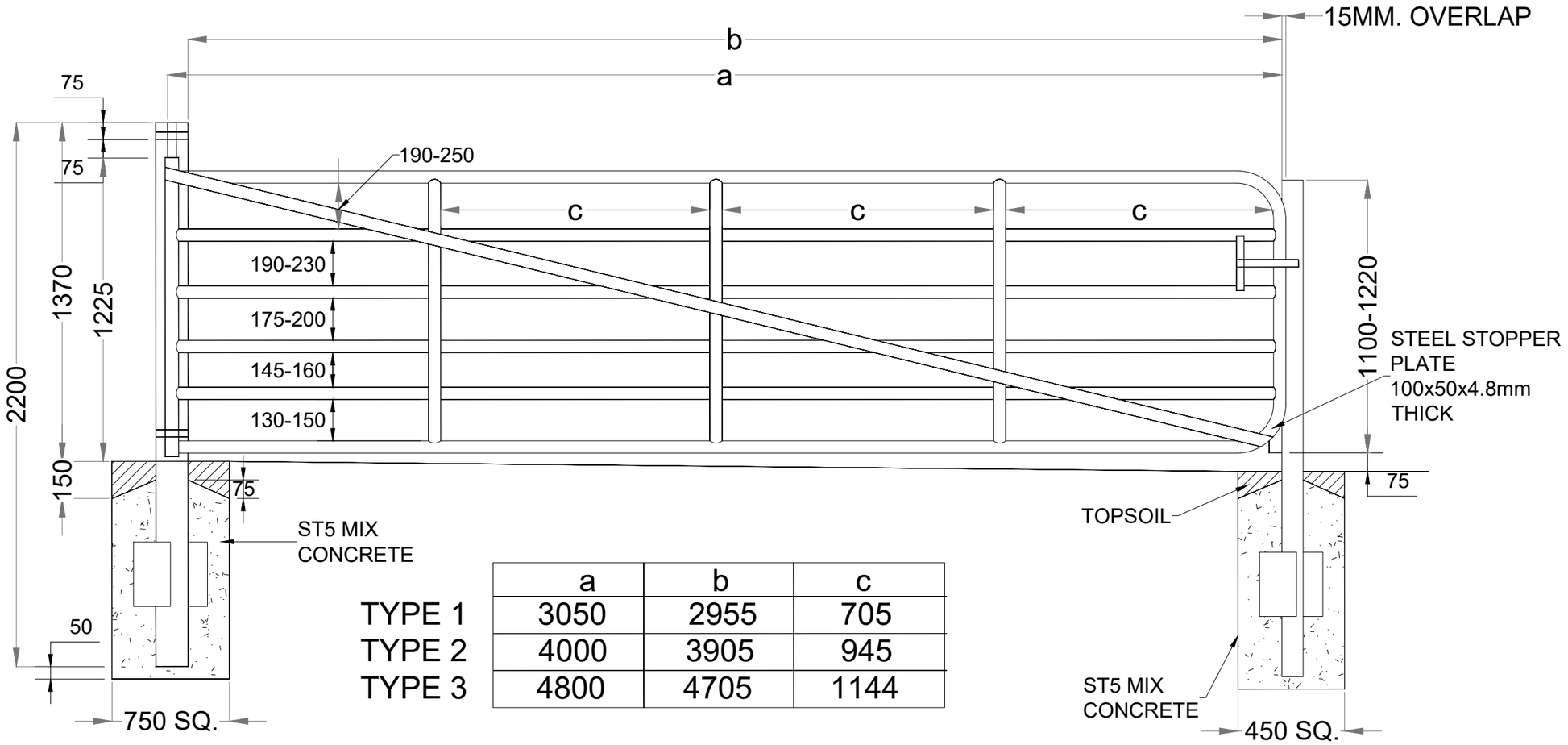
All DIMENSIONS IN mm
UNLESS OTHERWISE NOTED



	a	b	c
TYPE 1	3050	2955	705
TYPE 2	4000	3905	945
TYPE 3	4800	4705	1144

PROJECT TITLE:
SSE Crumhach Wind Farm

DRAWING TITLE:
Security Gate Detail

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841-25	1:20 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	BT	28.07.2026	P01

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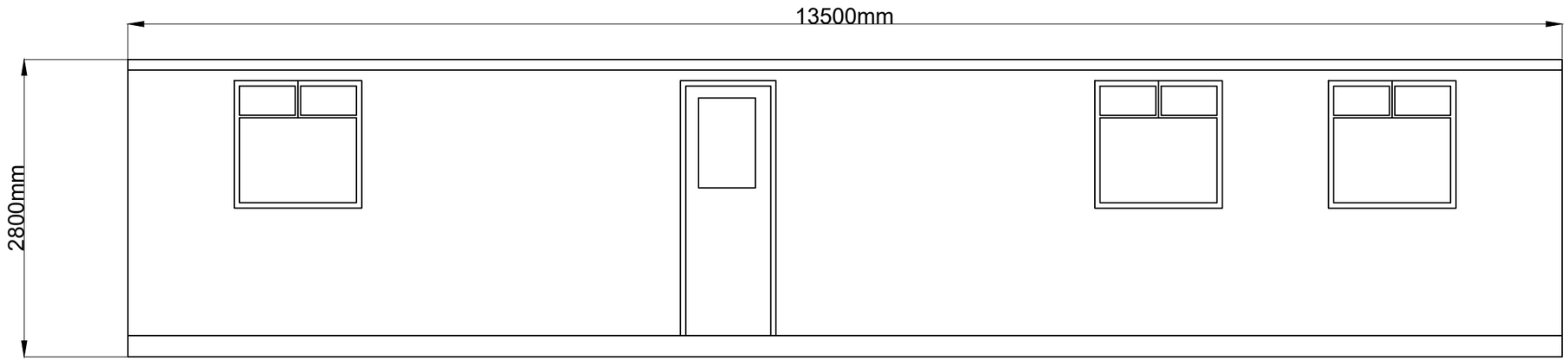
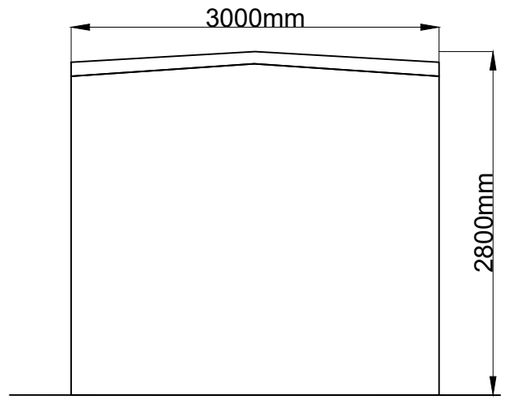
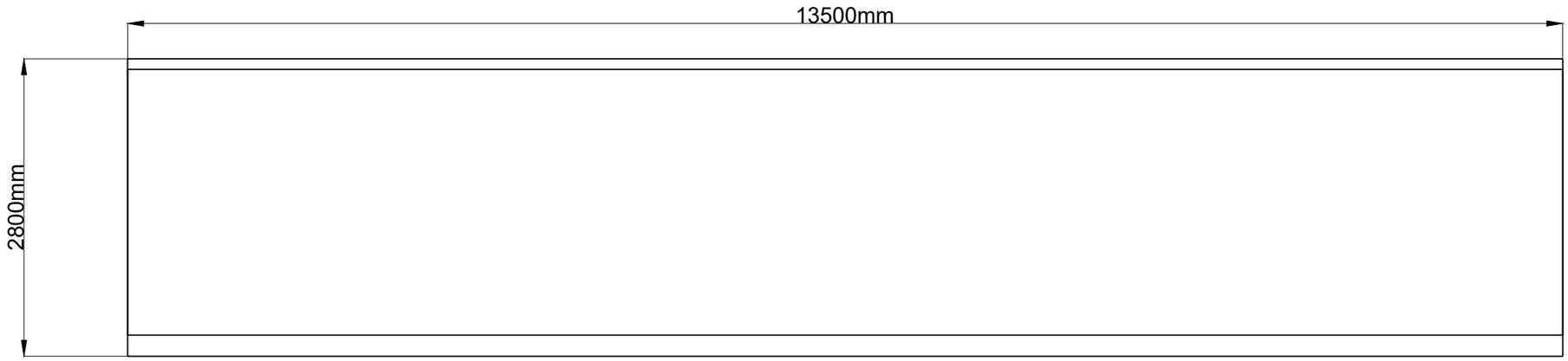


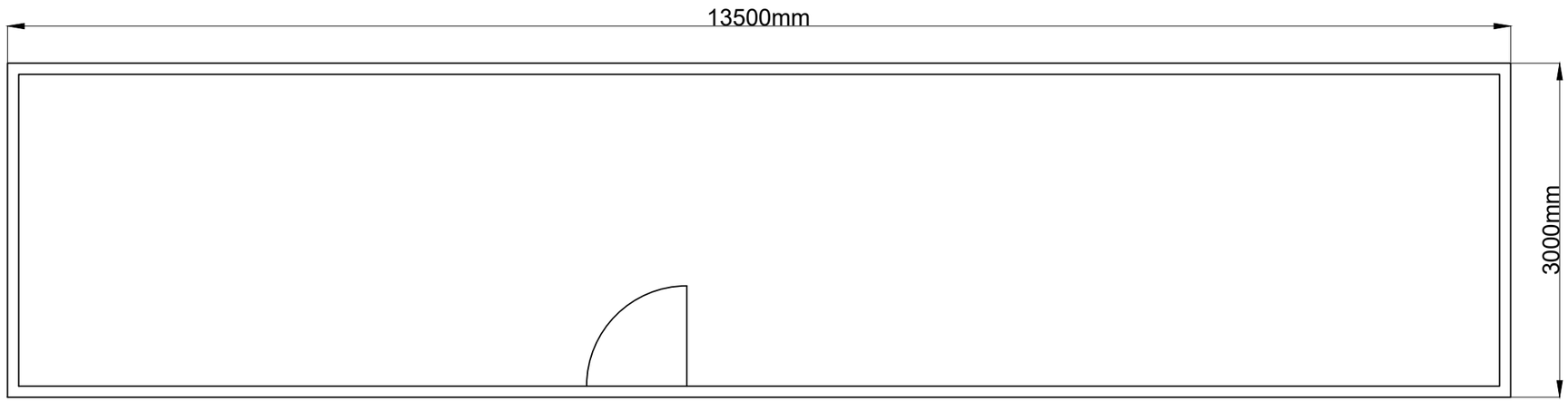
FRONT ELEVATION



SIDE ELEVATION



REAR ELEVATION



PLAN VIEW

PROJECT TITLE: **SSE Crumhach Wind Farm**			
DRAWING TITLE: **Temporary Site Office & Staff Facilities Detail**			
PROJECT No.: **230841**		DRAWING No.: **230841-26**	SCALE: **1:50 @ A3**
DRAWN BY: **GO**	CHECKED BY: **BT**	DATE: **28.07.2026**	REVISION.: P01

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Note
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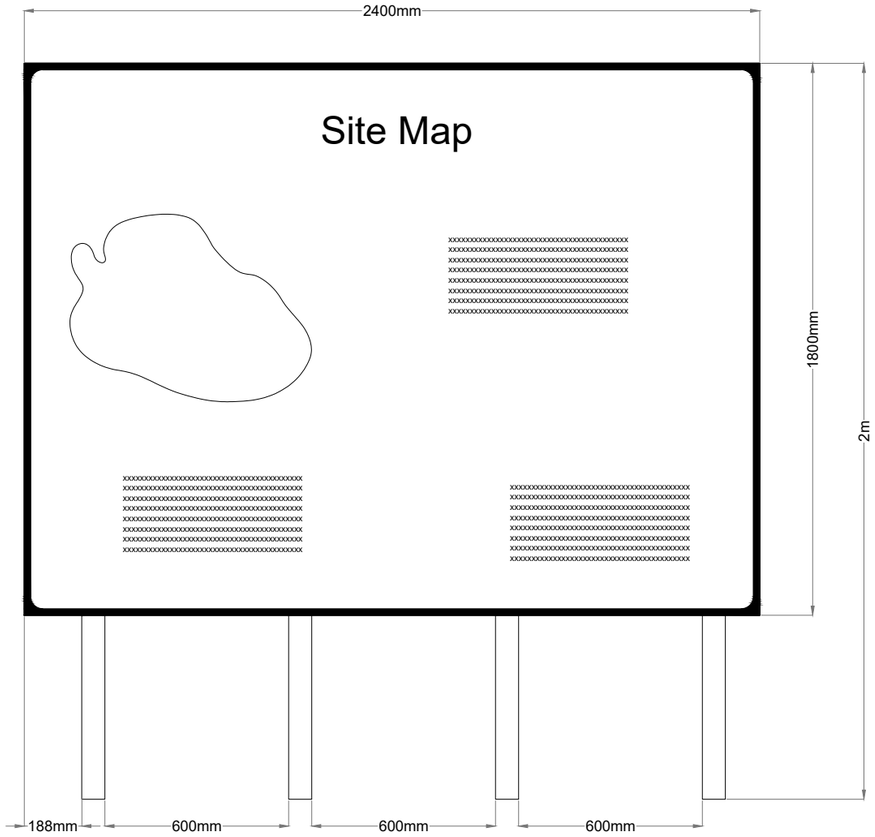
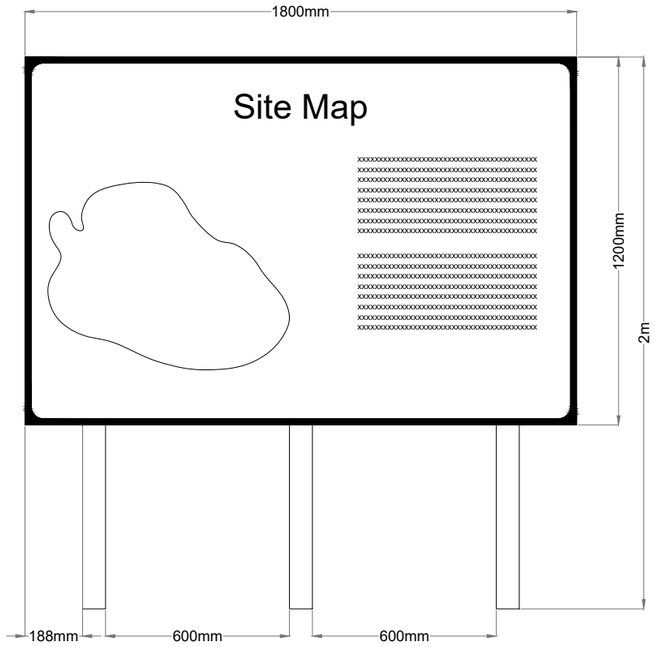
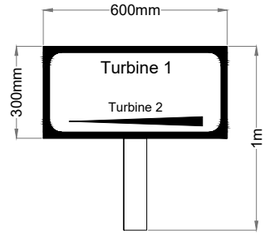
exact details to be confirmed



Signage Type A - Waypoint Map Signage



Signage Type B -Entry Point Signage



Signage Type C - Way Point Direction Signage

PROJECT TITLE: **SSE Crumhach Wind Farm**			
DRAWING TITLE: **Operational Signage Detail**			
PROJECT No.: **230841**	DRAWING No.: **230841-27**		SCALE: **1:20 @ A3**
DRAWN BY: **GO**	CHECKED BY: **BT**	DATE: **28.07.2026**	REVISION.: P01

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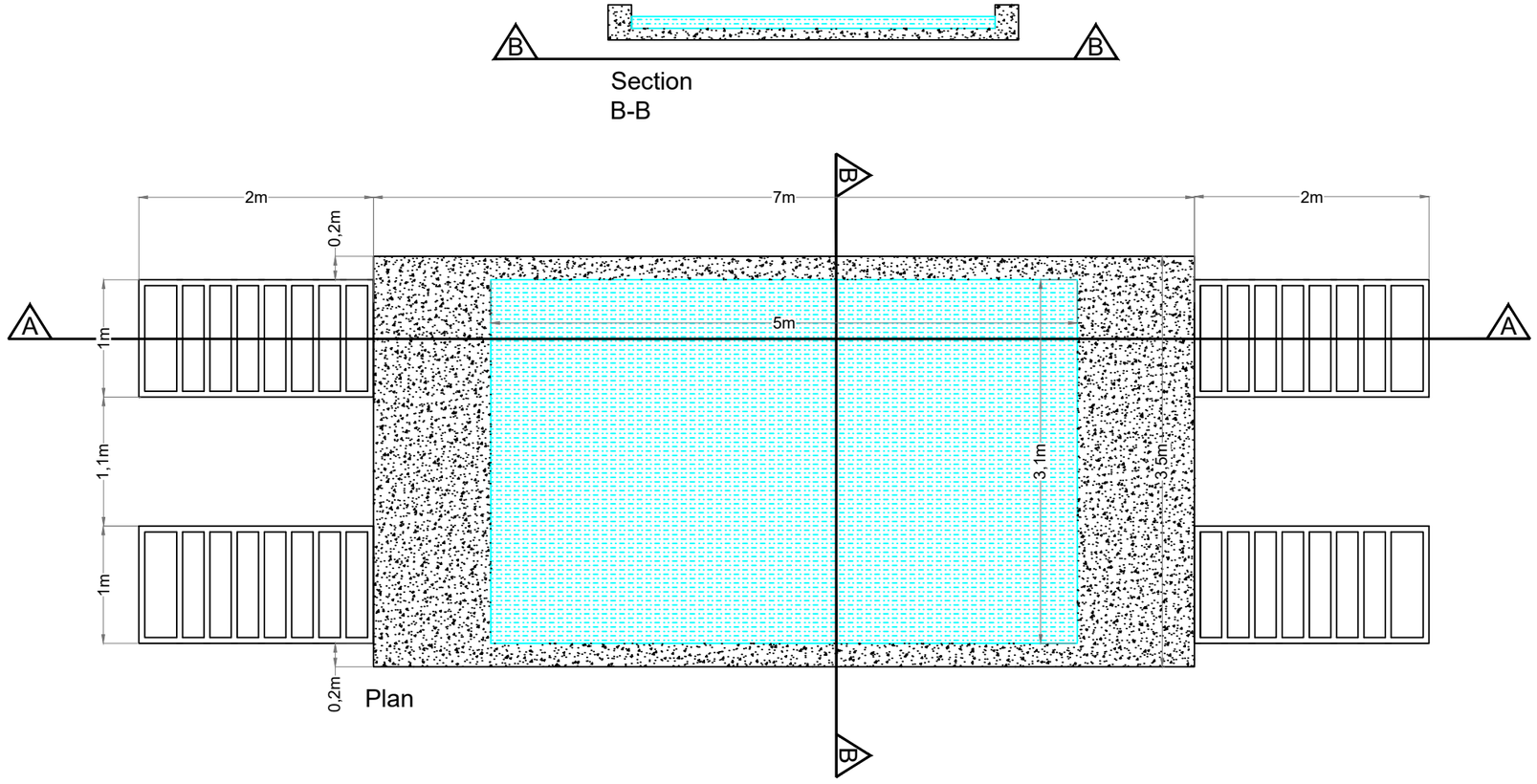
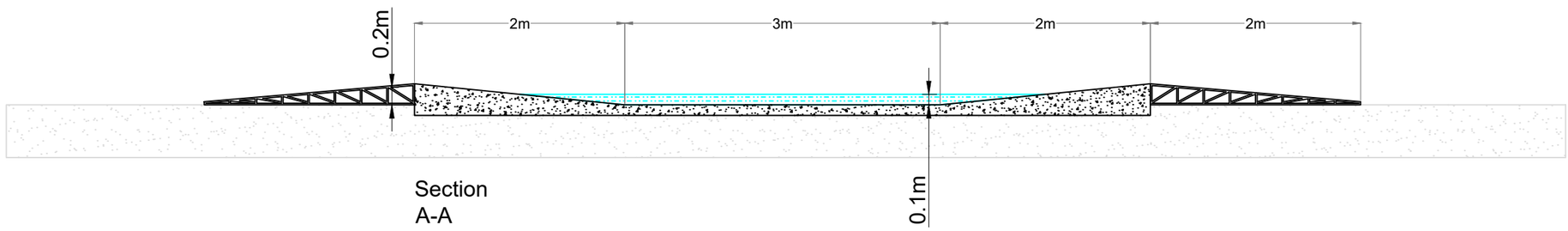




PROJECT TITLE:

SSE Crumhach Wind Farm

DRAWING TITLE:

Wheel Wash Detail

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841-28	1:50 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	BT	28.07.2026	P01

Email: info@www.mkoireland.ie /Website: www.mkoireland.ie

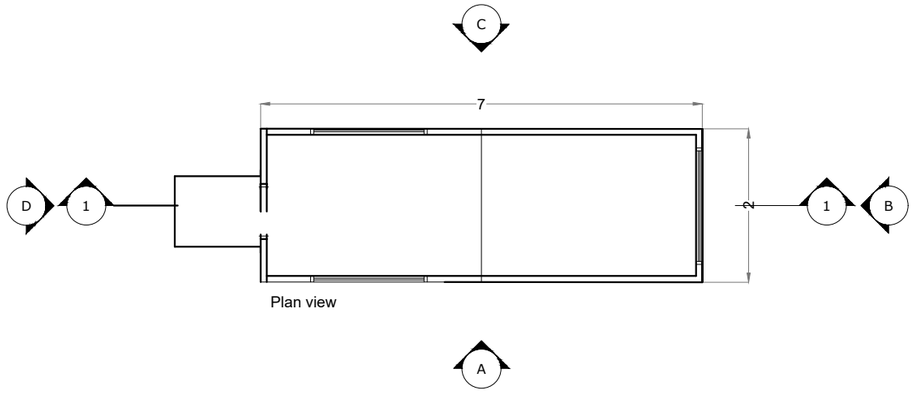
Note:

All dimensions are in m, unless noted otherwise.

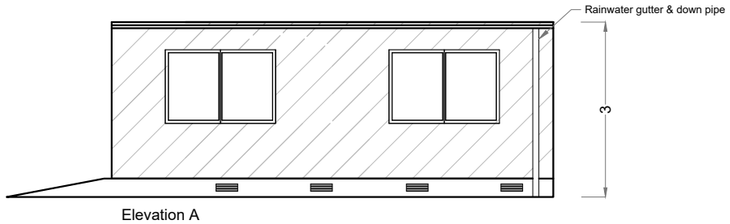
All dimensions to be checked on site and any discrepancy to be reported to the engineer.

Figured dimensions only to be used, drawings not to be scaled. If in doubt ask.

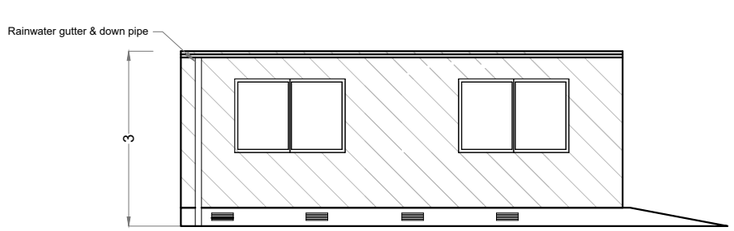
For illustration purposes only. Exact size and appearance of unit subject to manufacturer selection.



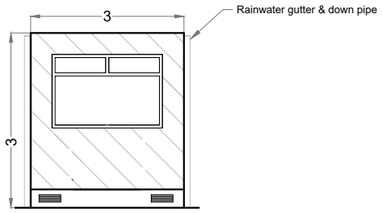
Plan view



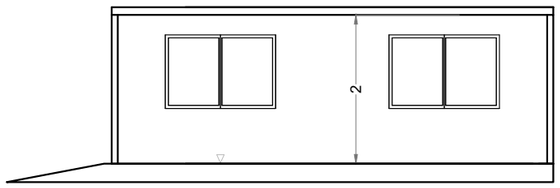
Elevation A



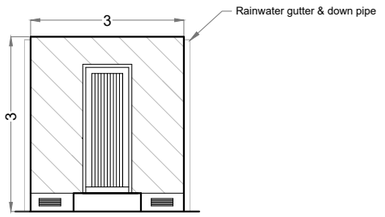
Elevation C



Elevation B



Section 1-1



Elevation D

PROJECT TITLE:

SSE Crumhach Wind Farm

DRAWING TITLE:

Temporary Security Cabin Detail

PROJECT No.:		DRAWING No.:	SCALE:
230841		**230841-29**	**1:100 @ A3**
DRAWN BY: **GO**	CHECKED BY: **BT**	DATE: **28.07.2026**	REVISION.: P01

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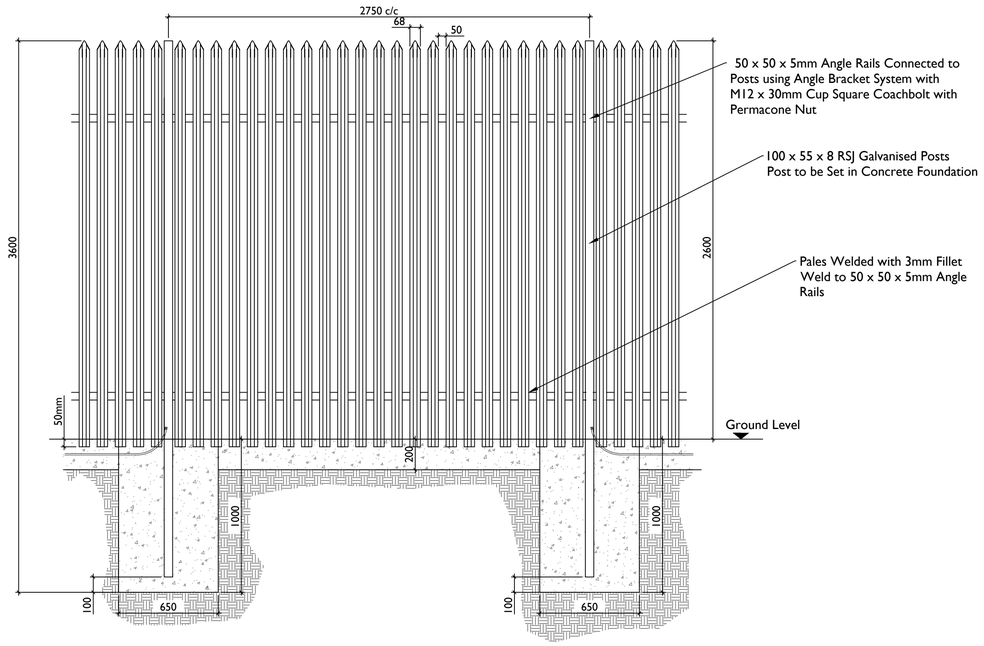
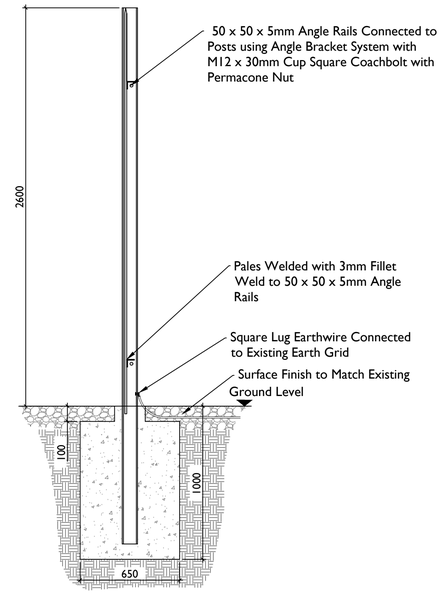
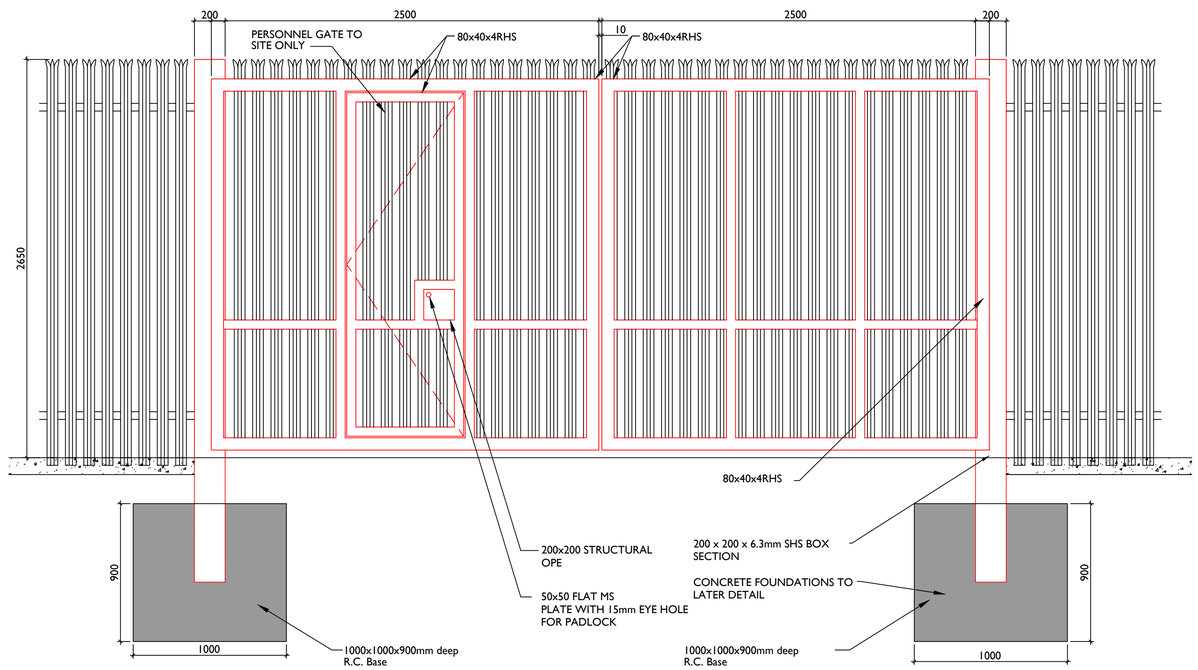


PALISADE FENCE - ELEVATION DETAIL



PALISADE FENCE - SECTION DETAIL



GATE DETAIL

Notes:

1. MEASUREMENTS SHOWN ARE IN MM, UNLESS INDICATED OTHERWISE
2. DRAWING FOR PLANNING PURPOSES ONLY
3. DRAWINGS ARE NOT TO BE SCALED. USE FIGURED DIMENSIONS ONLY
4. GROUND LEVELS VARY

PROJECT TITLE:

SSE Crumhach Wind Farm

DRAWING TITLE:

Palisade Fence and Gate details

PROJECT No.:	DRAWING No.:	SCALE:
230841	**230841-30**	**1:20 @ A1**

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	**BT**	**28.07.2026**	P01

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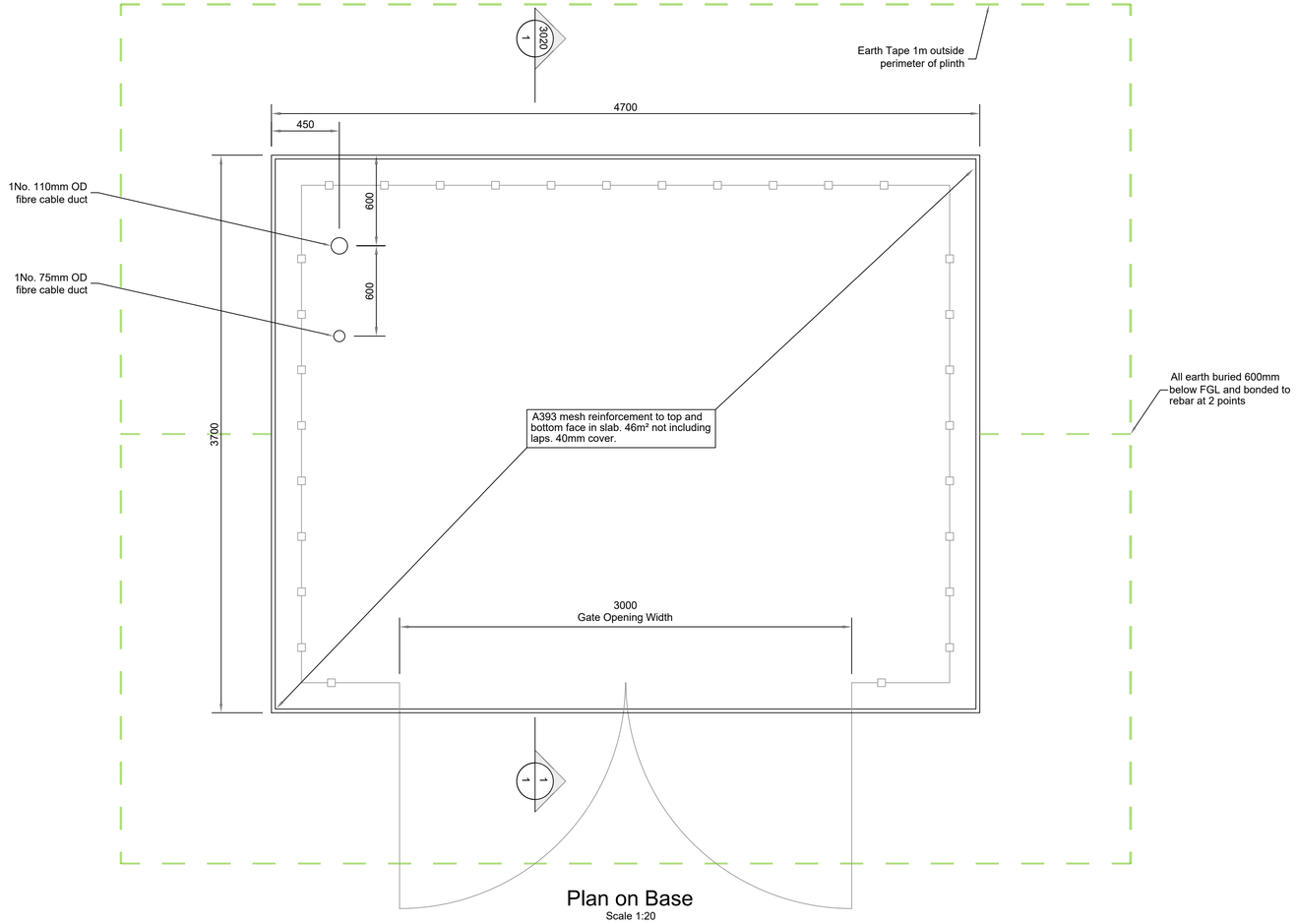
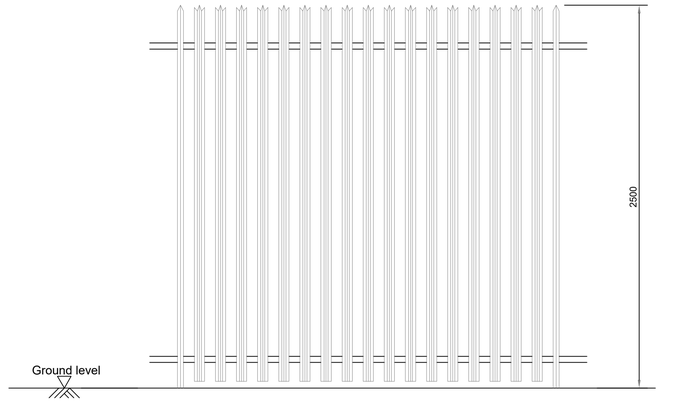


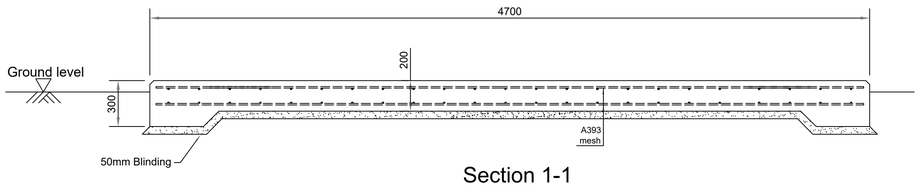
Plan on Base
Scale 1:20



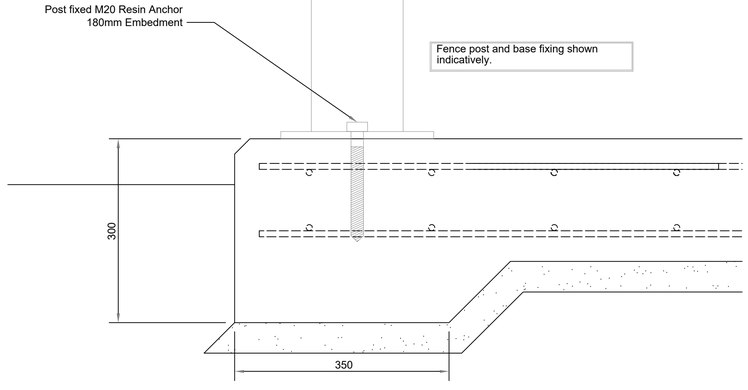
Palisade Fence
Scale 1:20

Palisade fence of 'W' Type pales, 17 pales per panel

PPC Finish, Colour RAL 8014 (Van Dyke Brown)



Section 1-1
Scale 1:20



Fence Post Detail
Scale 1:5

Notes

1. All dimensions are in millimetres unless noted otherwise.
2. All exposed concrete arises have 25x25 chamfer.
3. Nominal cover 40mm including a fixing tolerance of 10mm.
4. Reinforcement, high yield reinforcement (denoted "R") ribbed bars with a characteristic strength of 500N/mm². Reinforcement in accordance with EN 10080: 2005 & BS4449:2005.
5. Concrete placed and compacted in accordance with clause 8.4 of BS EN 13670:2009.
6. Ducting, where shown, is indicative only. Sweco accepts no responsibility for the arrangement shown or consequences thereof. Ducting advised by employer.
7. Foundation stratum inspected and testing undertaken (if required) to confirm the required minimum bearing capacity of 75kN/m2.
8. Palisade Fence compliant with BS 1722, design of fence, posts and base fixing by supplier.
9. High Strength WindBreak netting provided on the inside of the palisade fence to minimise snow drift.
10. All cable ducts made from PVC and comply with the latest edition of ENATS-12-24, as follows: Power Cable Ducts - Class 1 ; Other Ducts - Class 3.
11. Power cable ducts black; Fibre cable ducts green.
12. Earthing for palisade fencing confirmed by SSE.

Schedule for the Specification of Designed Concrete to BS 8500-1:2015	
Location of the works	Slab
Nominal cover to reinforcement	As shown on drawings
Applicable exposure classes (excluding DC-Class)	XC3
DC-Class (where appropriate)	DC-1
Compressive strength class of concrete	C40/50
Minimum cement content ratio	280kg/m3
Maximum free water/cement ratio	0.5
Required group or type and class of cement or combination (where a DC-Class has not been specified)	All in table A.6 excluding cement and combination type IVB-V
Maximum aggregate size	20mm
Consistence class	
CL Class	0.4
Special type of aggregate	-
Maximum cement content	550kg/m3
Air entrainment required	No

PROJECT TITLE:
SSE Crumhach Wind Farm

DRAWING TITLE:
Onsite LiDAR Compound Details & Section

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841-31	As Shown@ A1
DRAWN BY: GO / CHECKED BY: BT	DATE: 28.07.2026	REVISION: P01

CS SHEET No.: -

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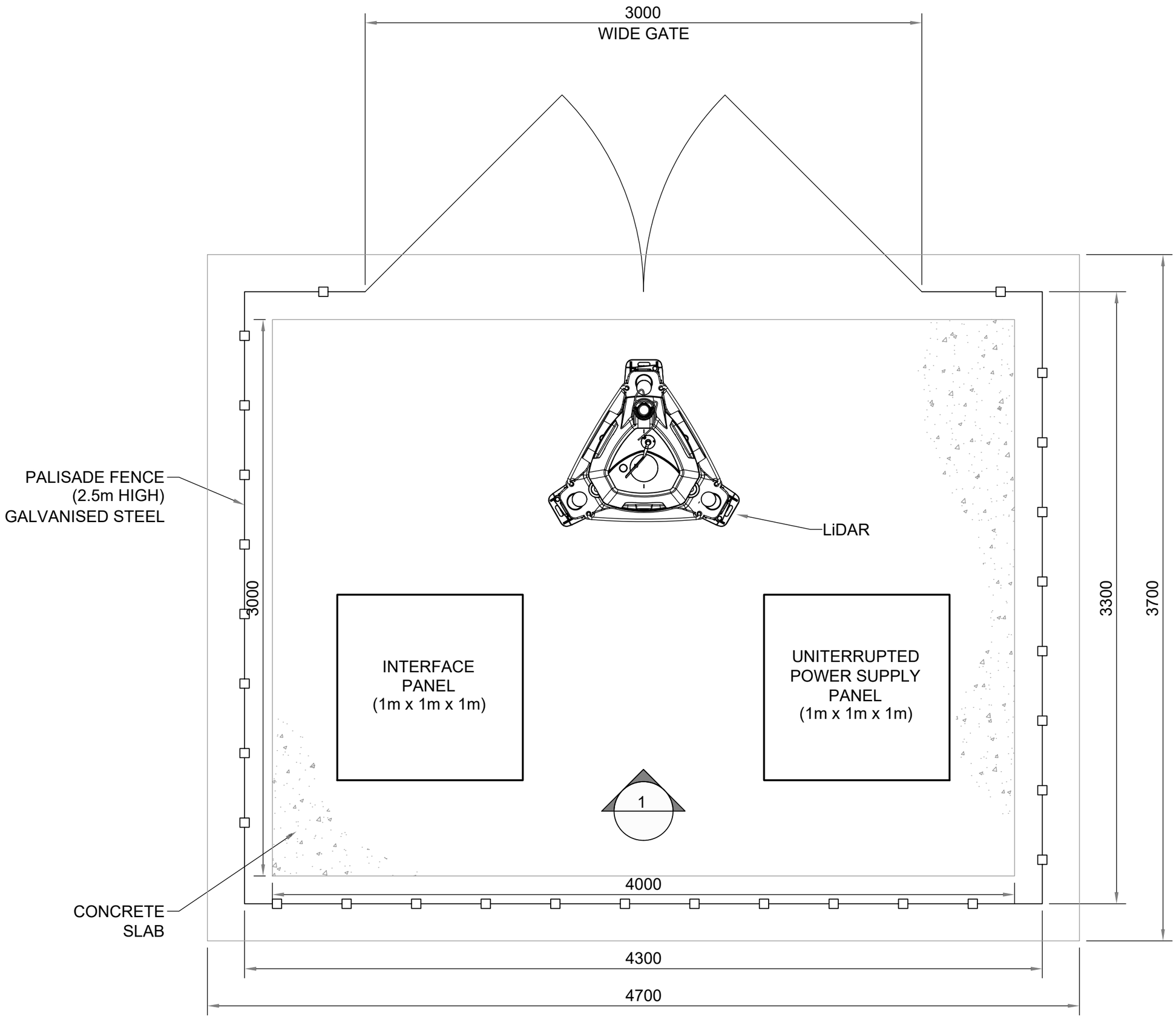
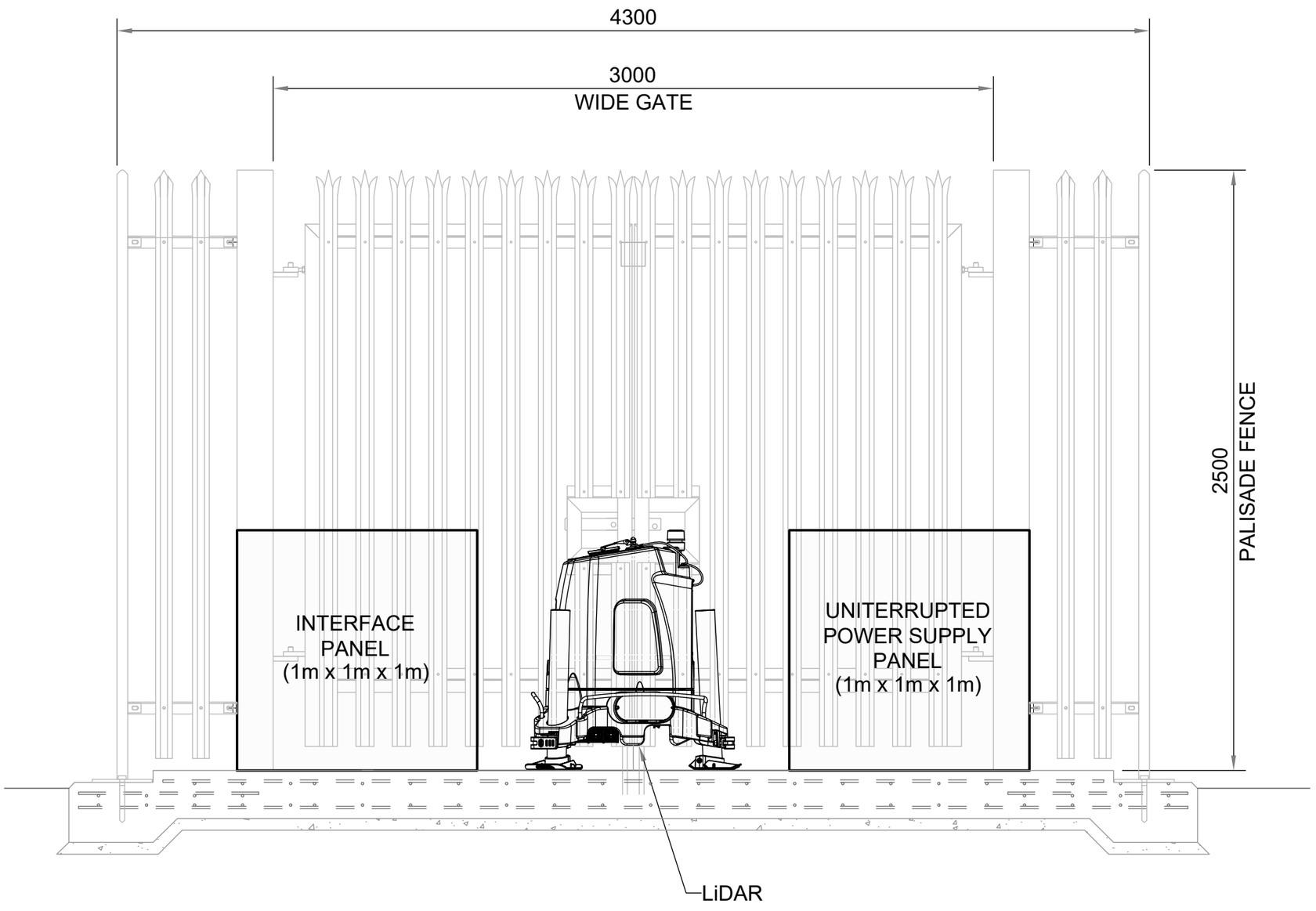
Notes

1. All dimensions are in millimetres (mm) unless stated otherwise.



PLAN
Scale: 1:20



1 ELEVATION
Scale: 1:20

PROJECT TITLE:
SSE Crumhach Wind Farm

DRAWING TITLE:
Onsite LiDAR Compound Details & Section

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841-32	1:20 @ A2

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	BT	28.07.2026	P01

OS SHEET No.: ---

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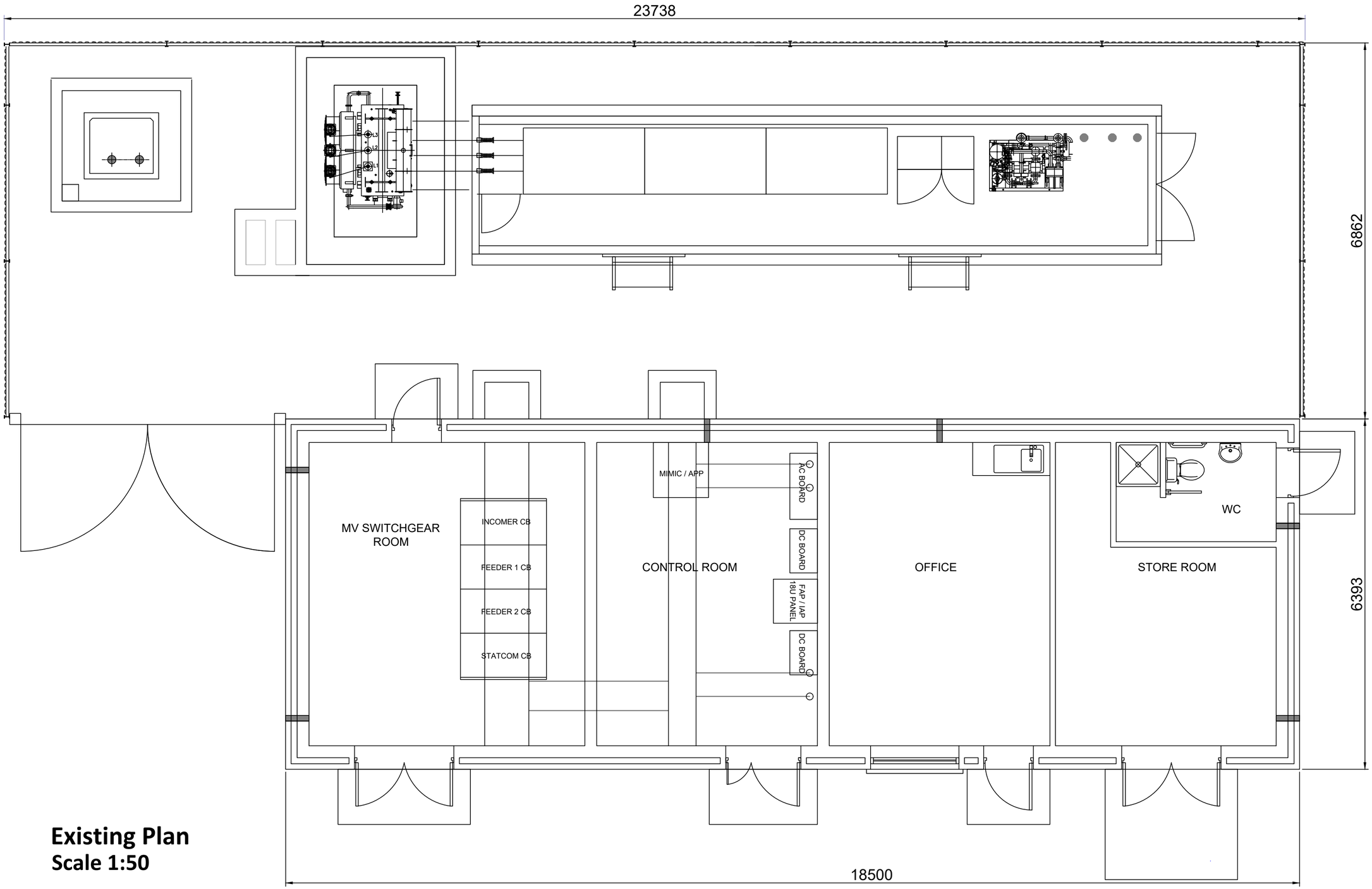

Existing Plan
Scale 1:50

PROJECT TITLE:
SSE Crumhach Wind Farm

DRAWING TITLE:
Existing Dunneill Control Building Connection Point

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841-33	1: 50 @ A2

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	BT	28.07.2026	P01

OS SHEET No.:
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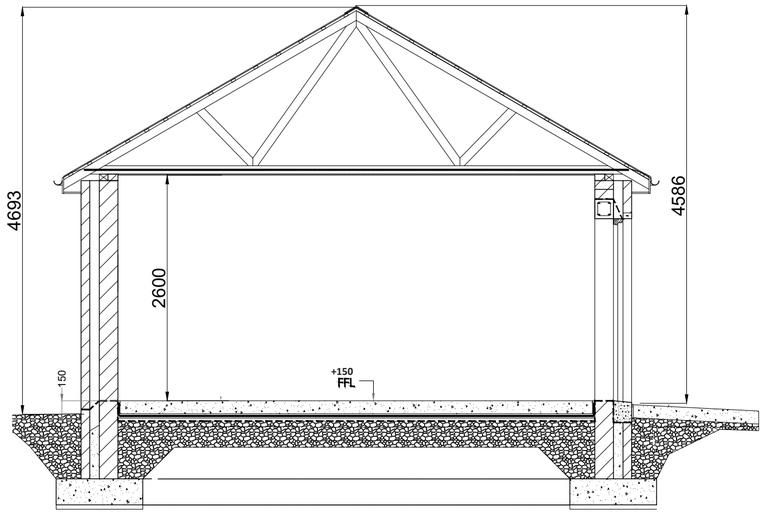
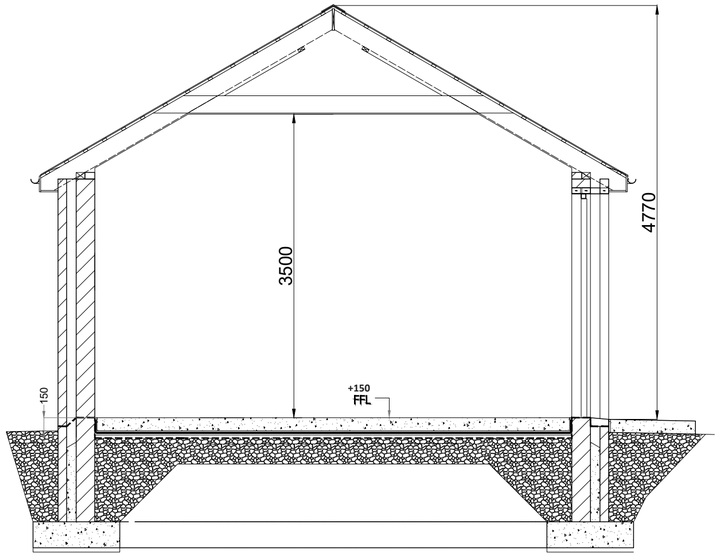
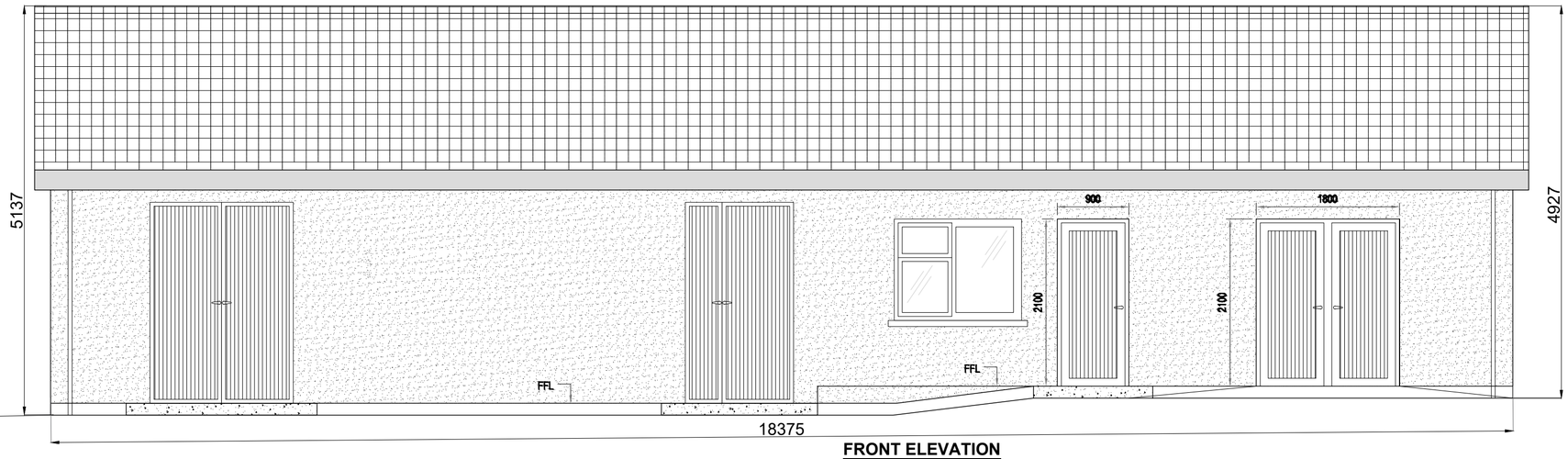


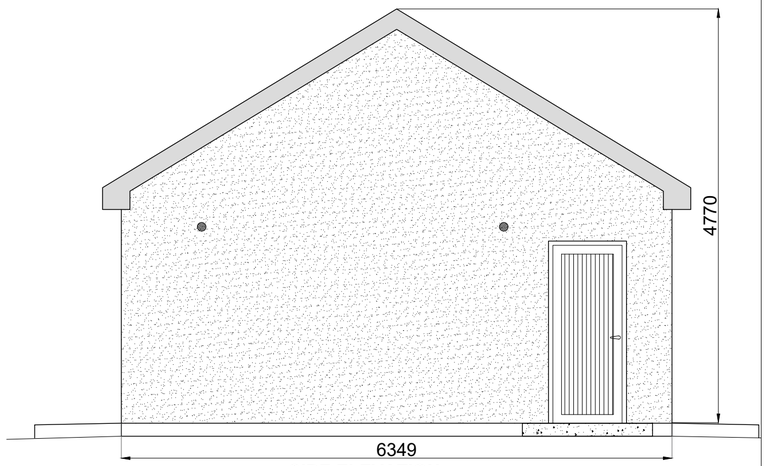
SECTION 1-1
Scale 1:50



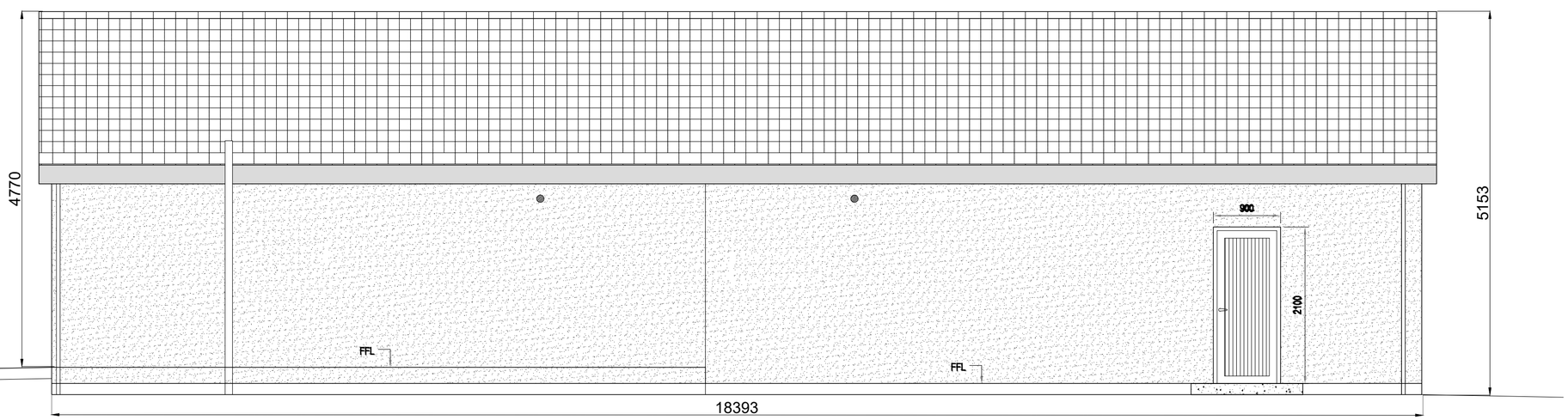
SECTION 1-1
Scale 1:50



FRONT ELEVATION
Scale 1:50



SIDE ELEVATION
Scale 1:50



REAR ELEVATION
Scale 1:50

PROJECT TITLE:
SSE Crumhach Wind Farm

DRAWING TITLE:
Existing Substation Sections & Elevations

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841-34	1: 50 @ A2

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	BT	28.07.2026	P01

OS SHEET No.: —

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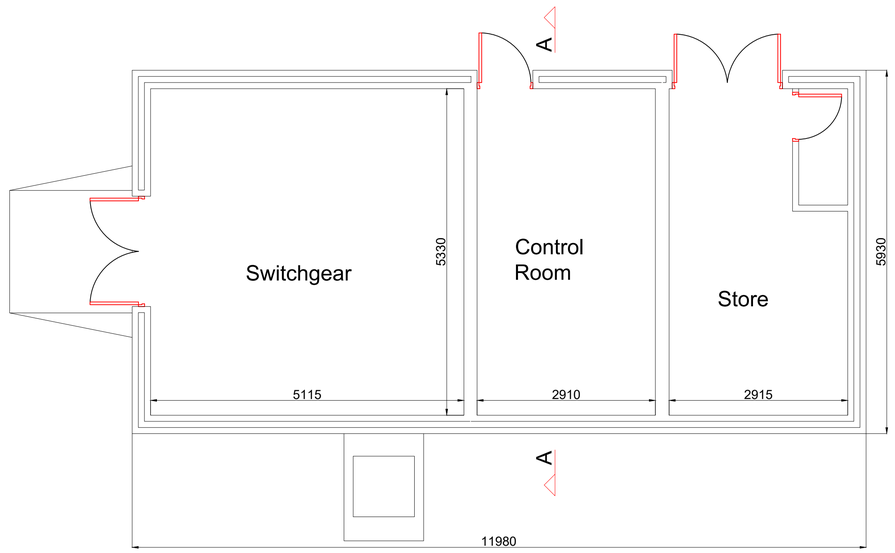
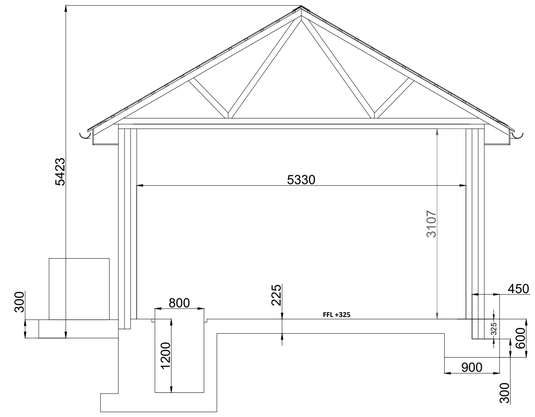
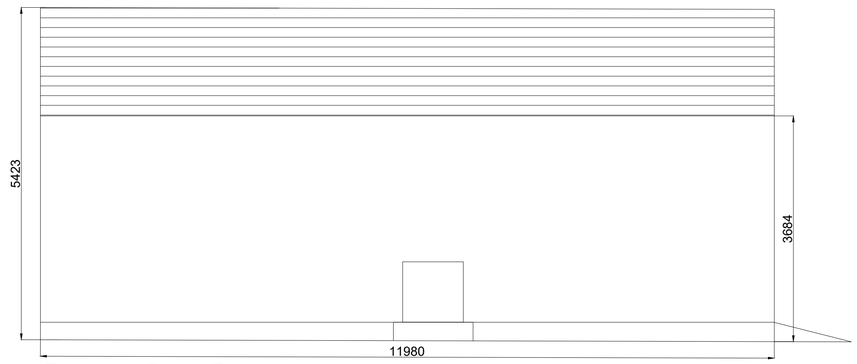


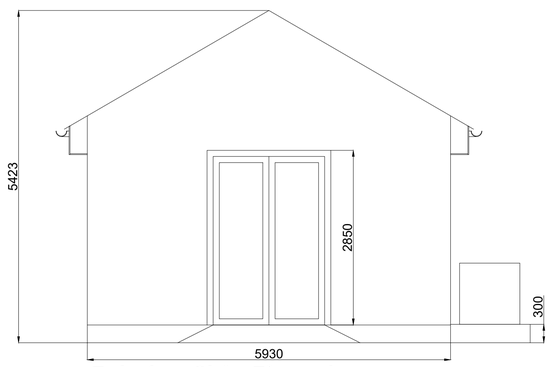
Existing Plan
Scale 1:50



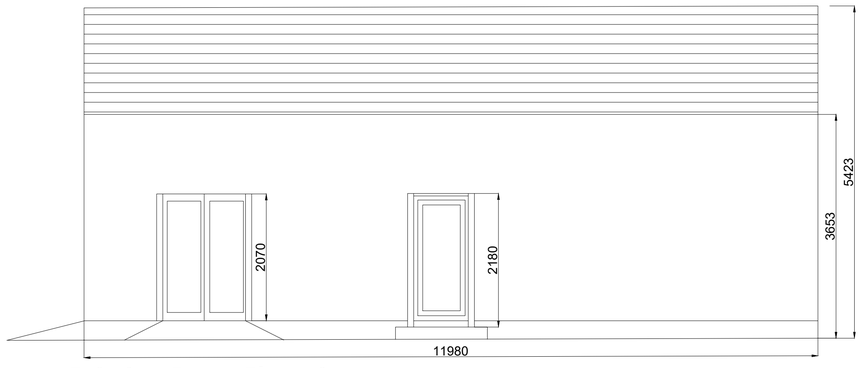
Existing Section 'A-A'
Scale 1:50



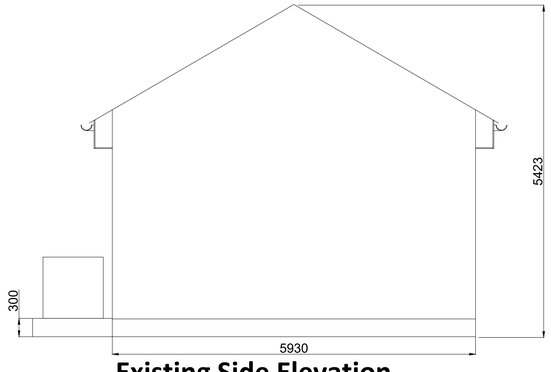
Existing Rear Elevation
Scale 1:50



Existing Side Elevation
Scale 1:50



Existing Front Elevation
Scale 1:50



Existing Side Elevation
Scale 1:50

PROJECT TITLE:
SSE Crumhach Wind Farm

DRAWING TITLE:
Existing Kingsmountain Control Building Connection Point

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841-35	As Shown@ A1

DRAWN BY:	CHECKED BY:	DATE:	REVISION:
GO	BT	28.07.2026	P01

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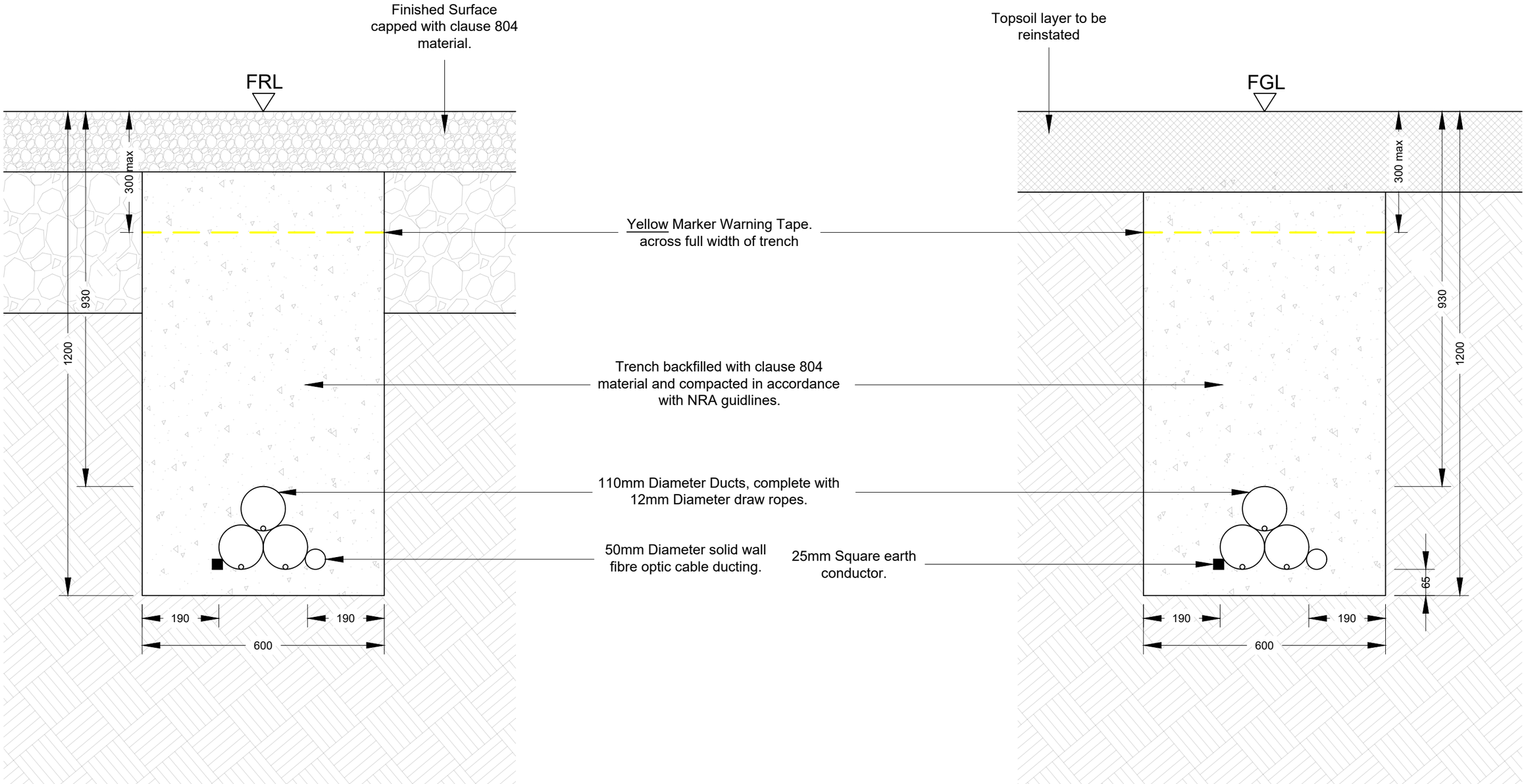

20/33kV Cable - On Road Trench Detail - Cross Section

20/33kV Cable - Off Road Trench Detail - Cross Section

PROJECT TITLE: SSE Crumhach Wind Farm			
DRAWING TITLE: 33kV Cable Trench Details			
PROJECT No.: 230841		DRAWING No.: 230841-36	SCALE: 1:10 @ A3
DRAWN BY: GO	CHECKED BY: BT	DATE: 28.07.2026	REVISION.: P01

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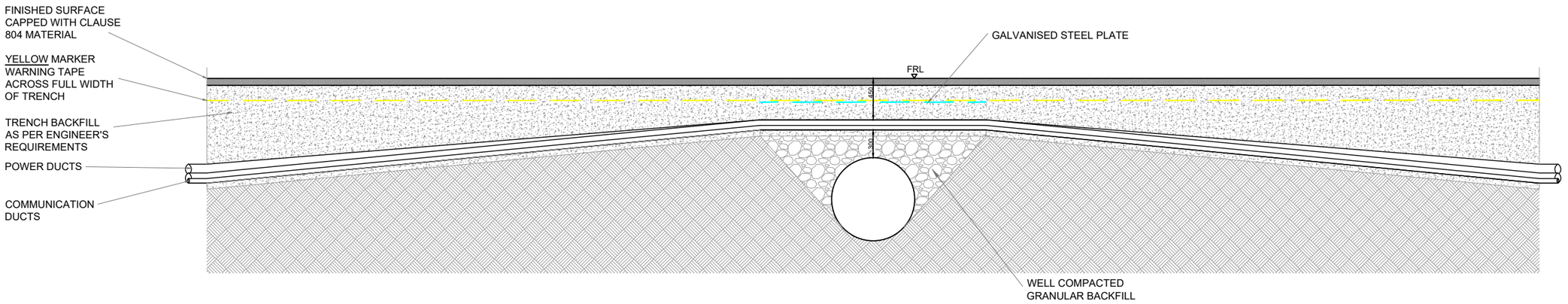
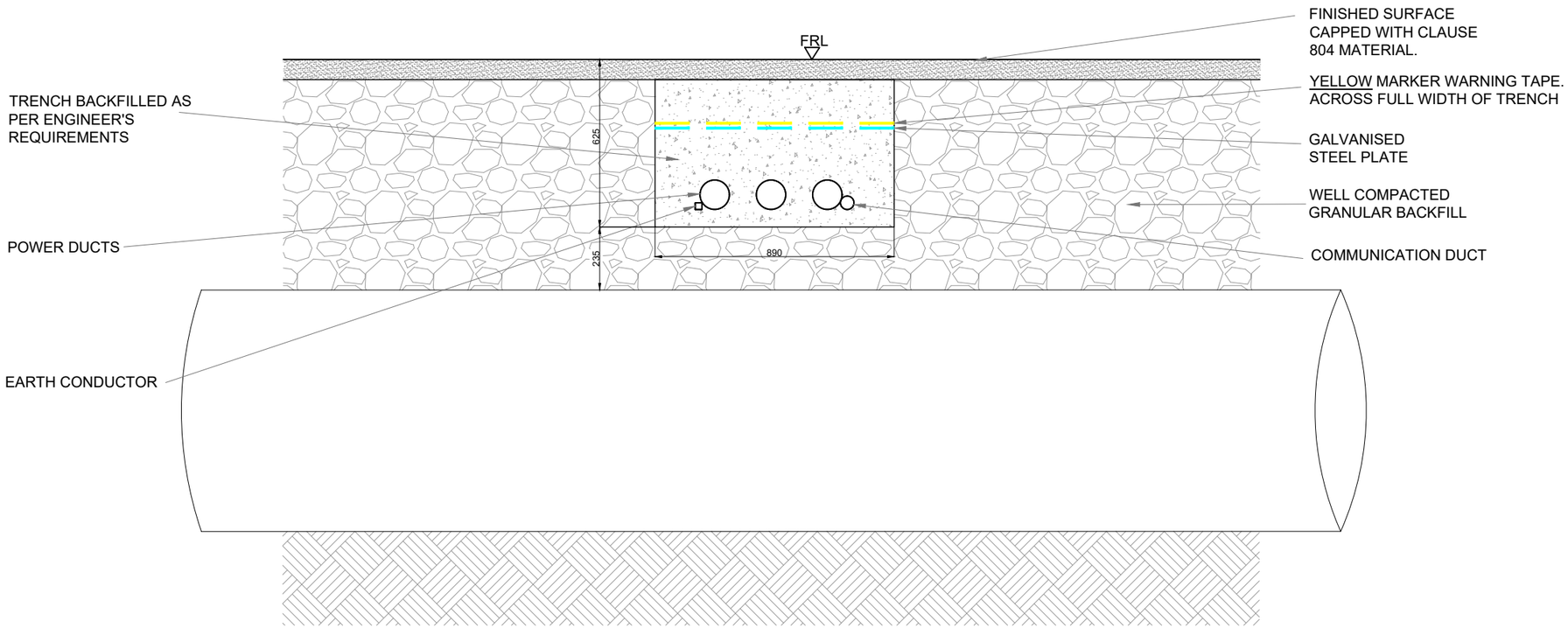


Culvert Crossing - Longitudinal Section

SCALE 1:50



Culvert Crossing - Cross Section

SCALE 1:20

PROJECT TITLE: **SSE Crumhach Wind Farm**			
DRAWING TITLE: **33kV Culvert Crossing**			
PROJECT No.: **230841**		DRAWING No.: **230841-37**	SCALE: **As Shown @ A3**
DRAWN BY: **GO**	CHECKED BY: **BT**	DATE: **28.07.2026**	REVISION.: P01

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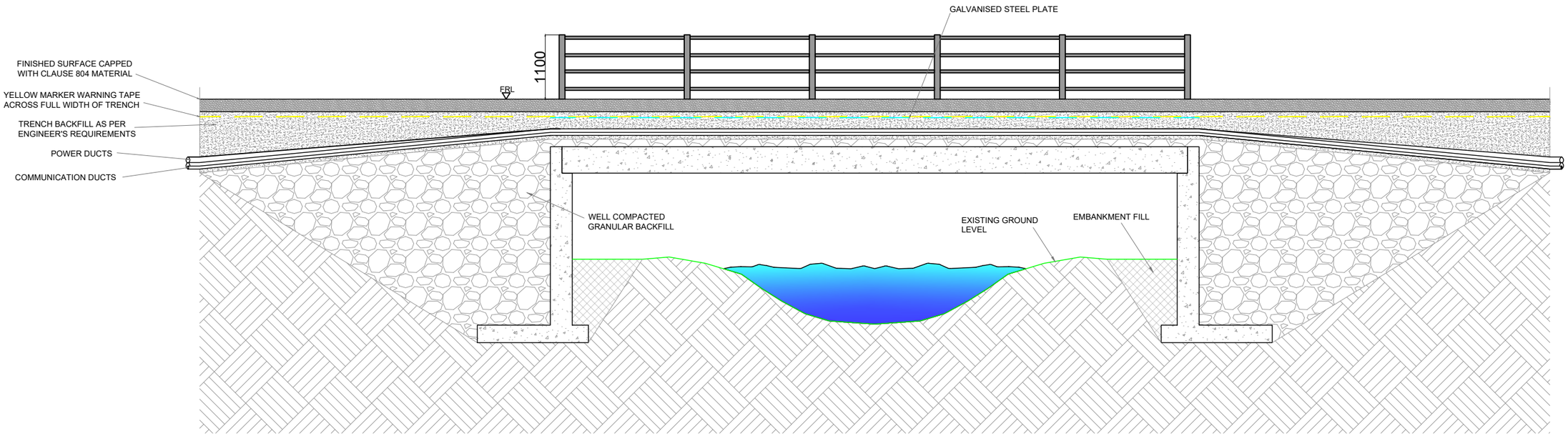
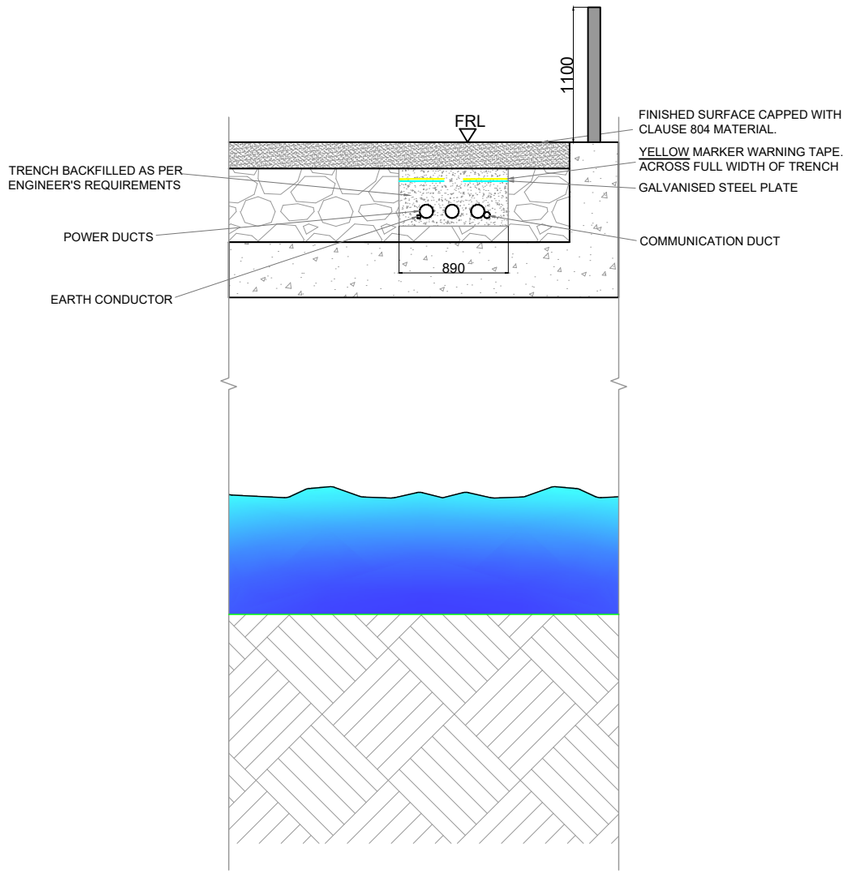


Clear Span Watercourse Crossing - Longitudinal Section

SCALE: 1:75



Clear Span Watercourse Crossing - Cross Section

SCALE: 1:50

PROJECT TITLE:

SSE Crumhach Wind Farm

DRAWING TITLE:

33kV Clear Span Watercourse Crossing

PROJECT No.:	DRAWING No.:	SCALE:
230841	**230841-38**	**As Shown @ A3**

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
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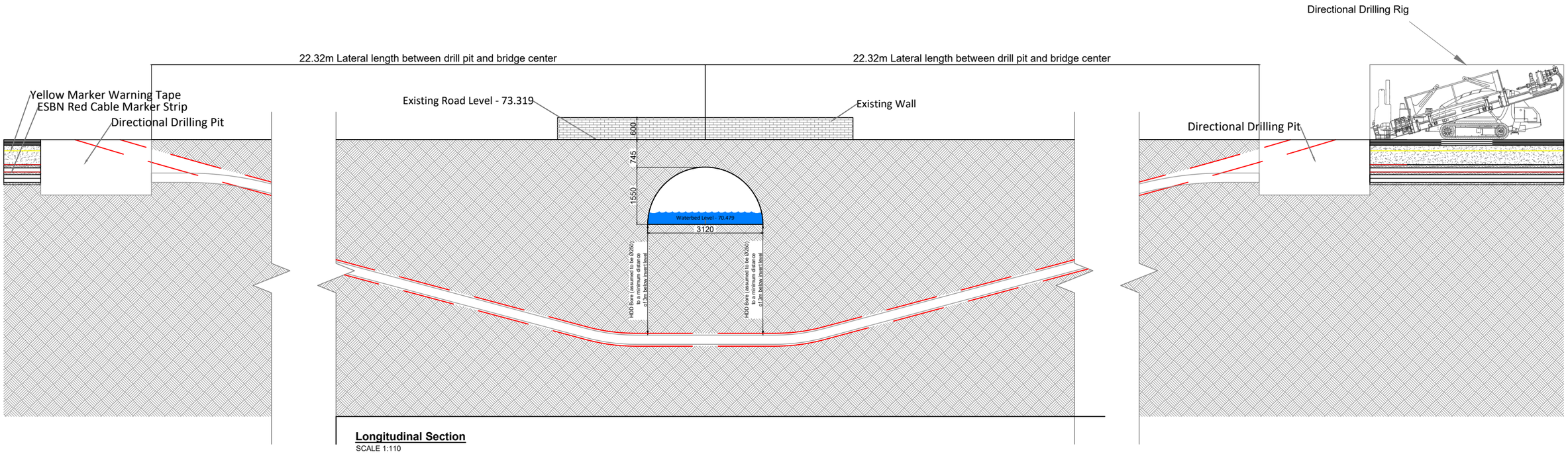
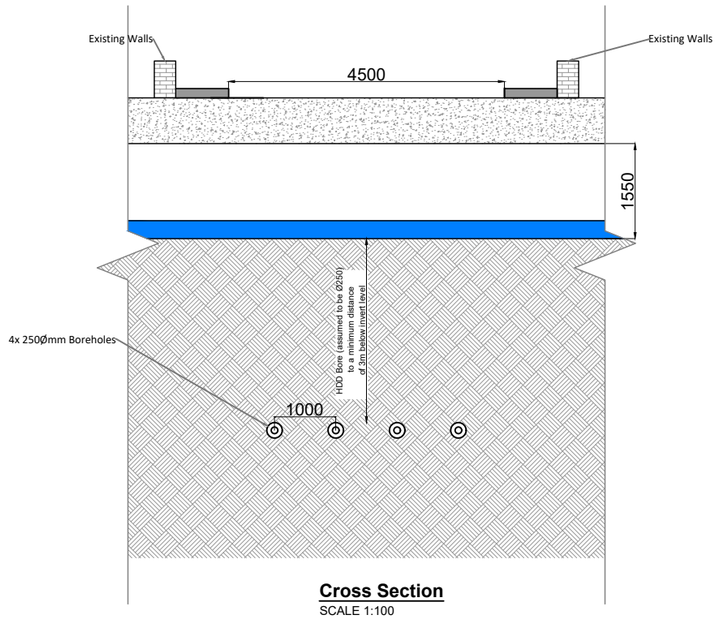


Longitudinal Section
SCALE 1:110



Cross Section
SCALE 1:100

PROJECT TITLE:
SSE Crumhach Wind Farm

DRAWING TITLE:
Horizontal Directional Drill Under Existing Watercourse Crossing

PROJECT No.:	DRAWING No.:	SCALE:
230841	230841-39	1:100 @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	BT	28.07.2026	P01

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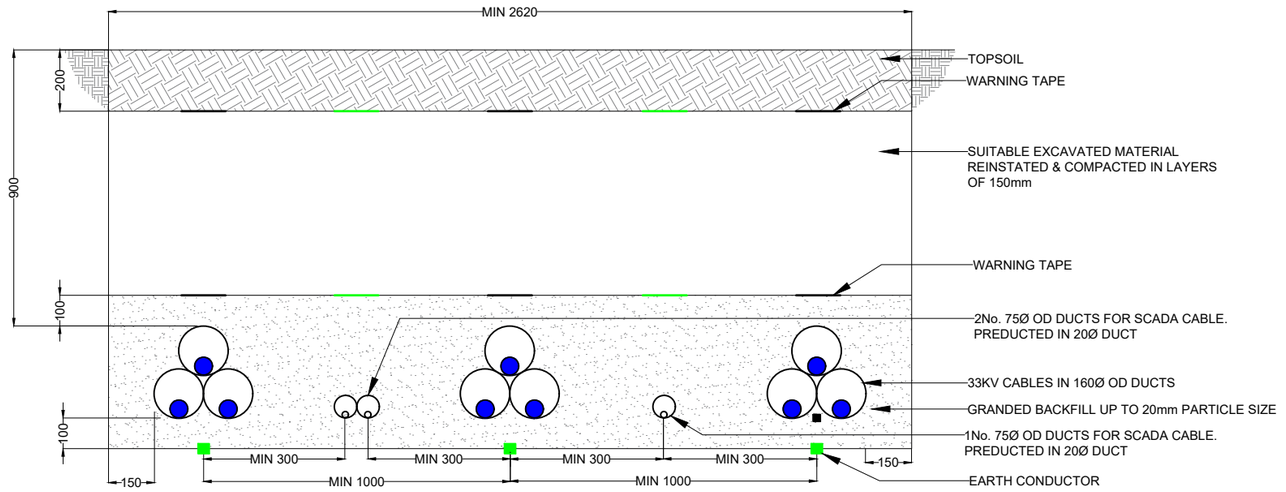
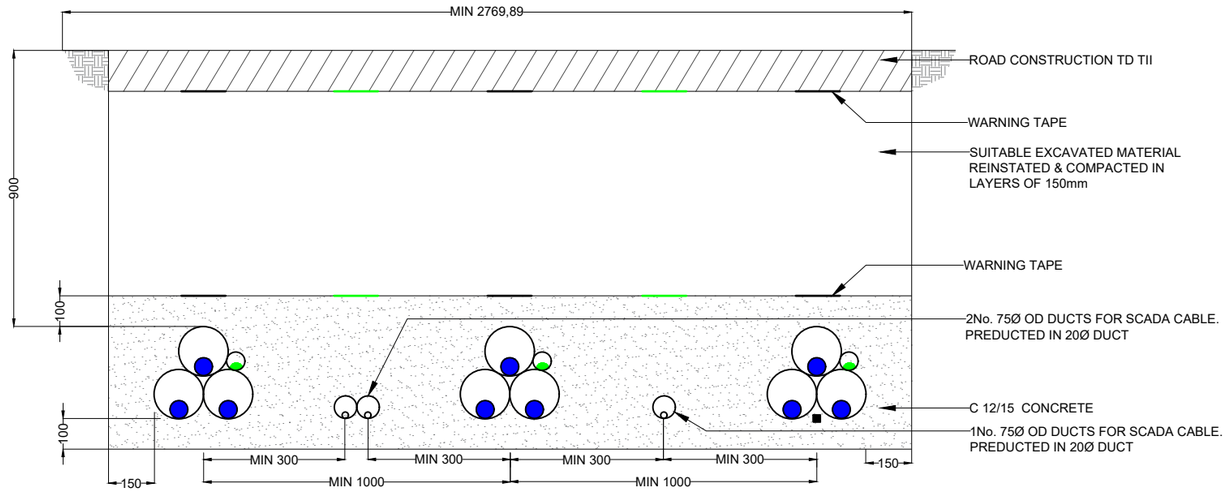
NOTES:

1. ALL DIMENSIONS NOTED ARE IN MM
2. DRAWING IS FOR PLANNING PURPOSES ONLY
3. COPPER STRANDED EARTH CABLE TO BE SIZED IN ACCORDANCE WITH EARTHING AND LIGHTNING STUDIES
4. SUITABLE BACKFILL MATERIAL IS SUBJECT TO THE APPROVAL OF THE RESIDENT ENGINEER
5. TRENCH WIDTHS ARE INDICATIVE ARE TO BE CONFIRMED DURING DETAILED DESIGN
6. DUCTING DESIGN SHOWN IS INDICATIVE AND DUCT TYPE/ LOCATION / SPACING IS TO BE CONFIRMED WITH THE ELECTRICAL CONTRACTOR/ DESIGNER PRIOR TO CONSTRUCTION WORKS COMMENCING
7. CABLE TRENCHING ROUTE IS TO AVOID TURBINE HARD STANDING AREA
8. JOINT SEALER SHALL BE A HOT 50 PEN BITUMEN BINDER OR COLD THIXTROPIC BITUMEN 50-70 PEN TO BE APPLIED TO ALL VERTICAL CUTS IN ACCORDANCE WITH B.S 594987 PRIOR TO APPLICATION OF BITUMINOUS MATERIAL



33KV THREE CIRCUIT
DUCT LAYOUT IN TRENCH
SCALE 1:20



33KV THREE CIRCUIT
ACCESS ROAD CROSSING
SCALE 1:20

PROJECT TITLE:
SSE Crumhach Wind Farm

DRAWING TITLE:
33KV Three Circuit Details

PROJECT No.:	DRAWING No.:	SCALE:
230841	**230841-40**	**1:20 @ A3**

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
GO	**BT**	**28.07.2026**	P01

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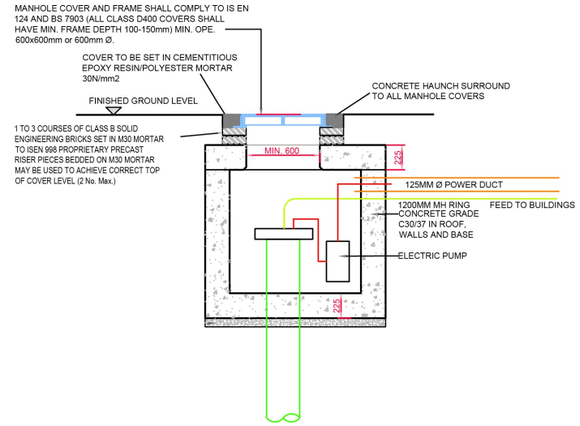
Note:

All dimensions are in millimetres, unless noted otherwise.

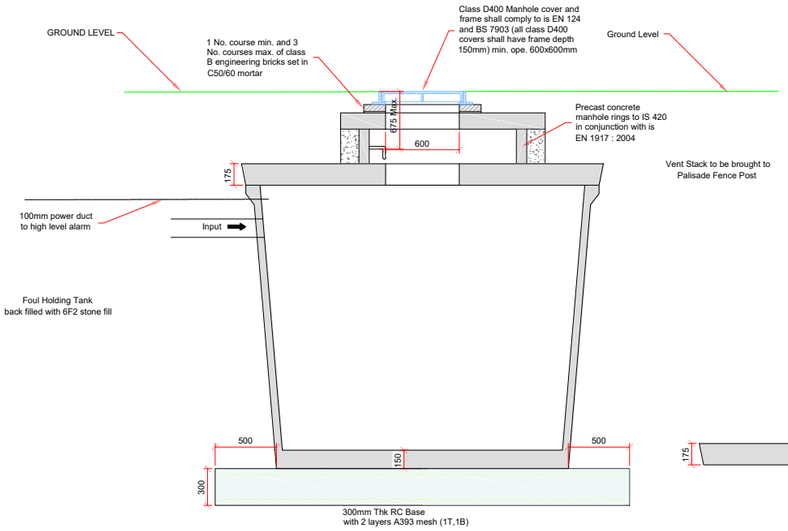
All dimensions to be checked on site and any discrepancy to be reported to the engineer.

Figured dimensions only to be used, drawings not to be scaled. If in doubt ask.

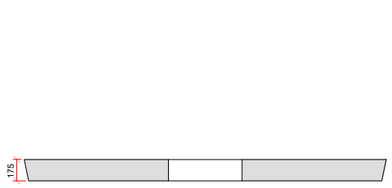
For illustration purposes only. Exact size and appearance of unit subject to manufacturer selection.



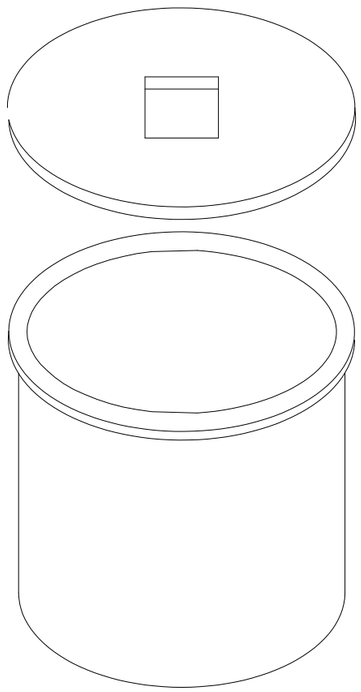
BORED WELL DETAIL
Scale: 1:50

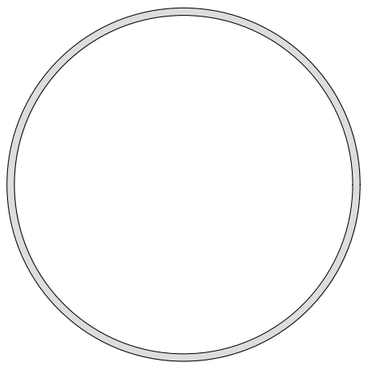


TANK VERTICAL SECTION

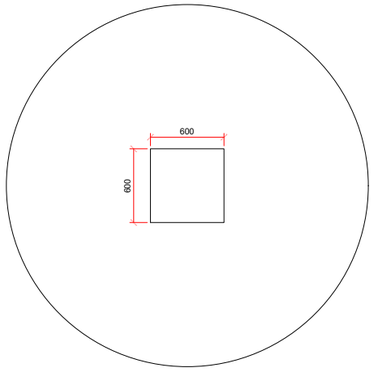


LID SECTION





TANK TOP PLAN



LID TOP PLAN

FOUL SEWER HOLDING TANK
(Volume 5m³)
Scale: 1:50

PROJECT TITLE: SSE Crumhach Wind Farm			
DRAWING TITLE: Foul Holding Tank & Bored Well Detail			
PROJECT No.: 230841	DRAWING No.: 230841-41		SCALE: As shown @ A3
DRAWN BY: GO	CHECKED BY: BT	DATE: 28.07.2026	REVISION.: P01

Email: info@www.mkoireland.ie /Website: www.mkoireland.ie

POLLUTION PREVENTION NOTES:

1. Site management proposals are intended to ensure protection against surface water and groundwater pollution, siltation and erosion.
2. Suitable drainage control measures will be in place at all times to prevent conveyance of significant volumes of silt to off site receiving watercourses.
3. Silty water can arise from dewatering excavations, erosion of exposed/disturbed ground, temporary stockpiles, plant and wheel wash, site roads/tracks, and disturbance of existing field drains and ditches.

Discharges

4. Water containing silt will not be discharged or pumped directly to any natural watercourse. All discharges will be made over open ground or into existing field drain with silt trap at a minimum of 20m from nearest watercourse unless otherwise stated.
5. No excavated material will be stored within any surface water buffer zone.
6. Pumped water will be directed into track side ditches and treated in settlement ponds and vegetation swales prior to overland discharge.
7. Pumping of clean water from excavations / or over-pumping in drains/ditches/streams will be completed in a manner that will not cause scour or erosion at the point of release/discharge. This will be done by reducing the flow velocities or by use of suitable splash plates, and/or other similar discharge controls.
8. Vegetation will NOT be stripped from existing drains/ditches unless absolutely necessary.

Excavations

9. Where (temporary) deep excavations are proposed, cut-off drains will be used to reduce the amount of surface water entering the excavation. This will be the case around turbine base excavations.

Exposed Ground & Stockpiles

10. The amount of temporary exposed ground and temporary stockpiles open/exposed at any time will be minimised.

Site tracks

11. Use of track side swales with check dams, and/or filtration check dams will reduce silt in runoff water as required.
12. Check dams to be inspected and cleaned regularly.

Refueling

13. Refuelling of mobile plant will be completed in designated refueling areas only, on an impermeable surface and away from field drains / ditches and watercourses/waterbodies.
14. Spill kits and drip trays will be available on site for use as required.

Concrete

15. Concrete pours will be managed and supervised to ensure there will be no leakage/seepage/discharge of concrete or concrete water during the construction phase.
16. Concrete wash water, and waste concrete will be managed appropriately on site at a lined concrete wash out pit.

IF WATER POLLUTION IS IDENTIFIED THE FOLLOWING STEPS WOULD BE ADHERED TO:

STOP - work in the immediate area should be stopped and the source of the pollution identified.

CONTAIN - the source of the pollution should be bunded using a suitable method. Natural watercourses should be temporarily diverted around any source of pollution.

NOTIFY - The relevant authorities (Site Manager / Fisheries / NPWS / Local Authority etc.) should be notified immediately to ensure that measures can be implemented downstream to protect fisheries and other sensitive receptors.

DRAINAGE NOTES:

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8. Batters of all proposed swales / ditches to have a slope of between 1 : 1.5 to 1 : 2 depending upon depth of swale/ditch and will be left as cut to re-vegetate with local species.
9. Track side swales / ditches to be shallow with moderate gradients to prevent scouring. In steep areas check dams will be installed to reduce flow velocities and provide source control of silt containment. These have been designated in conjunction with settlement ponds and silt traps, prior to discharge.
10. Settlement ponds to be constructed for silt removal at turbine bases and hard stand areas. Pond sizes depend on the catchment area being served. Sample pond sizes for various catchment areas shown on Drawing D501.
11. Straw bales / or similar and silt fences to be used also around spoil heaps to mitigate silt runoff. Silt fences may be removed when suitable vegetation cover is established.
12. Silt fences to be provided along the edge of existing watercourses where works comes within <15m of edge of any ditch / drain / ephemeral channel.
13. Slopes of the swales / ditches to be vegetated or protected from erosion until vegetation has been established. Stripped vegetative layer (peat 'sod' or 'scraw') from excavations to be stored locally and used to line slopes and base of swales / ditches or longitudinal mounds of vegetation swales at field drain discharge points.
14. Areas stripped of vegetation will be kept to a minimum.
15. Clean stone flow control check dams to be made of locally won / geologically similar well graded stone. Aggregate size for stone check dams to be typically 20- 40mm clean stone. On sloping sections of the access tracks, 40mm check dams to be protected from washing away through the placement of 100m stone on the downhill face of the check dam and by wrapping in geotextile.
16. Build up of silt levels at check dams to be removed and disposed of appropriately. Silt levels at check dams to be visually inspected as part of an ongoing drainage maintenance programme during the construction phase. Where check dams become clogged with silt or vegetation, stone check dam to be removed and replaced subsequent to the removal of silt.
17. Spacing and frequency of check dams will be dependent upon longitudinal gradient of swale.
18. Location of filtration check dams (if required) to be agreed on site with Engineer. Settlement ponds to be constructed in a manner where they may be easily infilled at a later date (post completion of the turbine base and hardstand construction). Only suitable materials excavated from the pond to be used to form part of the embankment around the pond.
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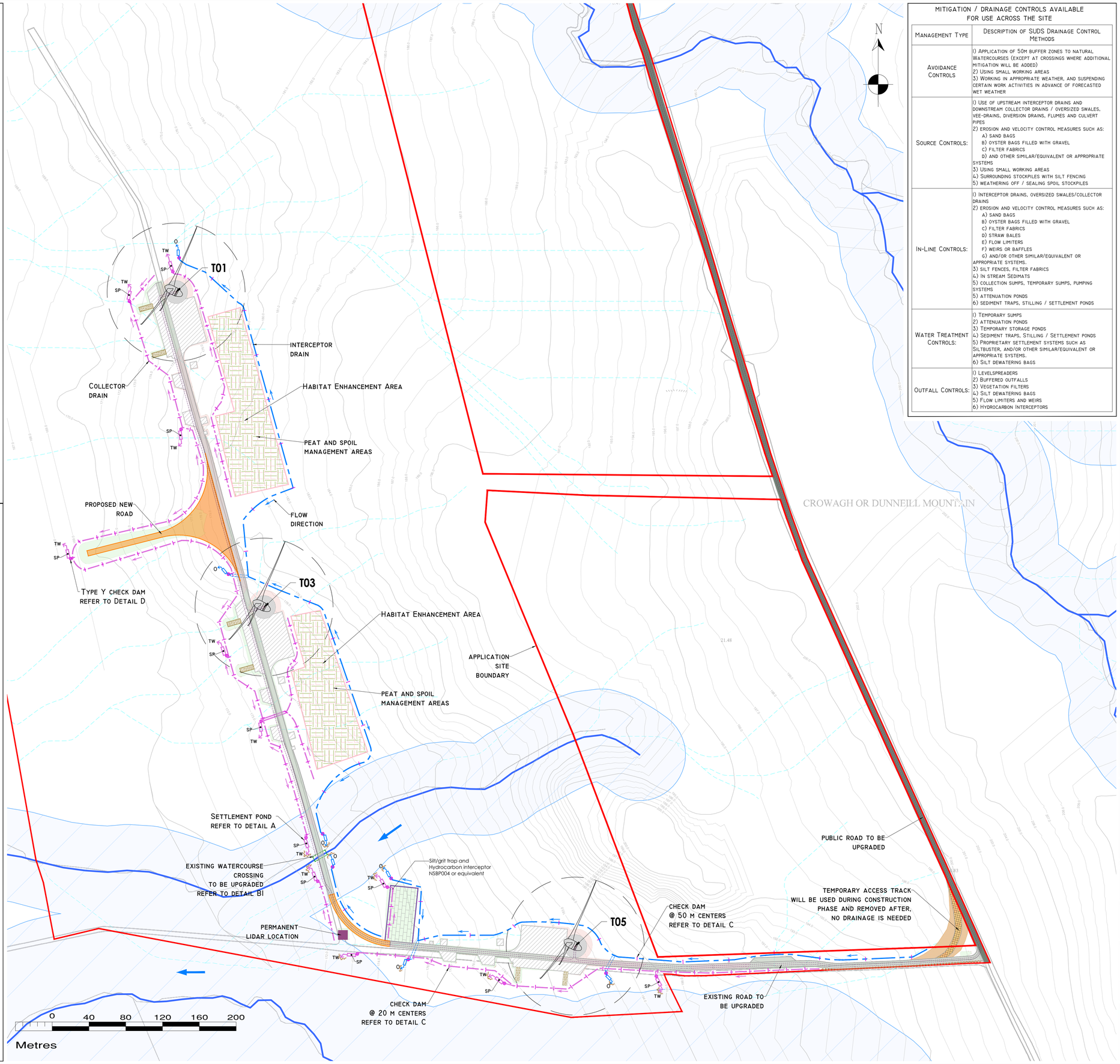

MITIGATION / DRAINAGE CONTROLS AVAILABLE FOR USE ACROSS THE SITE

Management Type	Description of SUDS Drainage Control Methods
Avoidance Controls	1) Application of 50m buffer zones to natural Watercourses (except at crossings where additional mitigation will be added) 2) Using small working areas 3) Working in appropriate weather, and suspending certain work activities in advance of forecasted wet weather
Source Controls:	1) Use of upstream interceptor drains and downstream collector drains / oversized swales, vee-drains, diversion drains, flumes and culvert pipes 2) Erosion and velocity control measures such as: A) Sand bags B) oyster bags filled with gravel C) filter fabrics D) and other similar/equivalent or appropriate systems 3) Using small working areas 4) Surrounding stockpiles with silt fencing 5) Weathering off / sealing spoil stockpiles
In-Line Controls:	1) Interceptor drains, oversized swales/collector drains 2) Erosion and velocity control measures such as: A) Sand bags B) oyster bags filled with gravel C) Filter fabrics D) straw bales E) flow limiters F) weirs or baffles G) and/or other similar/equivalent or appropriate systems. 3) silt fences, filter fabrics 4) In stream Sedimats 5) collection sumps, temporary sumps, pumping systems 5) attenuation ponds 6) sediment traps, stilling / settlement ponds
Water Treatment Controls:	1) Temporary sumps 2) attenuation ponds 3) Temporary storage ponds 4) Sediment traps, Stilling / settlement ponds 5) Proprietary settlement systems such as Siltbuster, and/or other similar/equivalent or appropriate systems. 6) Silt dewatering bags
Outfall Controls:	1) Levelspreaders 2) Buffered outfalls 3) Vegetation filters 4) Silt dewatering bags 5) Flow limiters and weirs 6) Hydrocarbon Interceptors

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  - Watercourses 50m buffer
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  - Stream flow direction
  - Mapped drains
  - Mapped drainage pathways >150m lenght*
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  - Upstream Interceptor Drain
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  - Direction of flow
  - Silt Fences
  - Double/Triple Silt Fences
  - Settlement Pond - Level Spreader
  - Check Dam 'Type A'
  - Check Dam 'Type B'
  - Proposed new watercourse crossing
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- Application site boundary
- Existing ground surface minor contour (1m interval)
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- Turbine foundation
- Hardstand
- Proposed new roads
- Existing Roads to be Upgraded
- Public Roads to be Upgraded
- Temporary access track
- 110kV underground cabling
- 33kV Underground Cable Route
- Proposed 110kV Onsite Substation
- Temporary construction compound
- Borrow pit
- Peat and spoil management areas
- Cut area
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- Habitat Enhancement Area
- Existing wind farm footprint
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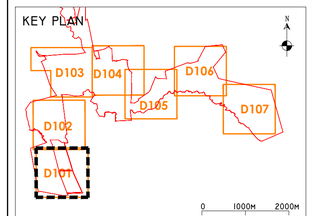
KEY PLAN



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Date	Description	Chkd	Signed
Revisions			

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Client: SSE

Job: Crumhach Wind Farm, Co. Sligo

Title: Proposed Drainage Layout

Figure No: D101

Drawing No: P1694-0-0726-A1-D101-00B	
Sheet Size: A1	Project No.: P1694-0
Scale: 1:2,000 (A1)	Drawn By: GA
Date: 24/07/2026	Checked By: MG

POLLUTION PREVENTION NOTES:

1. Site management proposals are intended to ensure protection against surface water and groundwater pollution, siltation and erosion.
2. Suitable drainage control measures will be in place at all times to prevent conveyance of significant volumes of silt to off site receiving watercourses.
3. Silty water can arise from dewatering excavations, erosion of exposed/disturbed ground, temporary stockpiles, plant and wheel wash, site roads/tracks, and disturbance of existing field drains and ditches.

Discharges

4. Water containing silt will not be discharged or pumped directly to any natural watercourse. All discharges will be made over open ground or into existing field drain with silt trap at a minimum of 20m from nearest watercourse unless otherwise stated.
5. No excavated material will be stored within any surface water buffer zone.
6. Pumped water will be directed into track side ditches and treated in settlement ponds and vegetation swales prior to overland discharge.
7. Pumping of clean water from excavations / or over-pumping in drains/ditches/streams will be completed in a manner that will not cause scour or erosion at the point of release/discharge. This will be done by reducing the flow velocities or by use of suitable splash plates, and/or other similar discharge controls.
8. Vegetation will NOT be stripped from existing drains/ditches unless absolutely necessary.

Excavations

9. Where (temporary) deep excavations are proposed, cut-off drains will be used to reduce the amount of surface water entering the excavation. This will be the case around turbine base excavations.

Exposed Ground & Stockpiles

10. The amount of temporary exposed ground and temporary stockpiles open/exposed at any time will be minimised.

Site tracks

11. Use of track side swales with check dams, and/or filtration check dams will reduce silt in runoff water as required.
12. Check dams to be inspected and cleaned regularly.

Refueling

13. Refuelling of mobile plant will be completed in designated refueling areas only, on an impermeable surface and away from field drains / ditches and watercourses/waterbodies.
14. Spill kits and drip trays will be available on site for use as required.

Concrete

15. Concrete pours will be managed and supervised to ensure there will be no leakage/seepage/discharge of concrete or concrete water during the construction phase.
16. Concrete wash water, and waste concrete will be managed appropriately on site at a lined concrete wash out pit.

If water pollution is identified the following steps would be adhered to:

STOP - work in the immediate area should be stopped and the source of the pollution identified.

CONTAIN - the source of the pollution should be bunded using a suitable method. Natural watercourses should be temporarily diverted around any source of pollution.

NOTIFY - the relevant authorities (Site Manager / Fisheries / NPWS / Local Authority etc.) should be notified immediately to ensure that measures can be implemented downstream to protect fisheries and other sensitive receptors.

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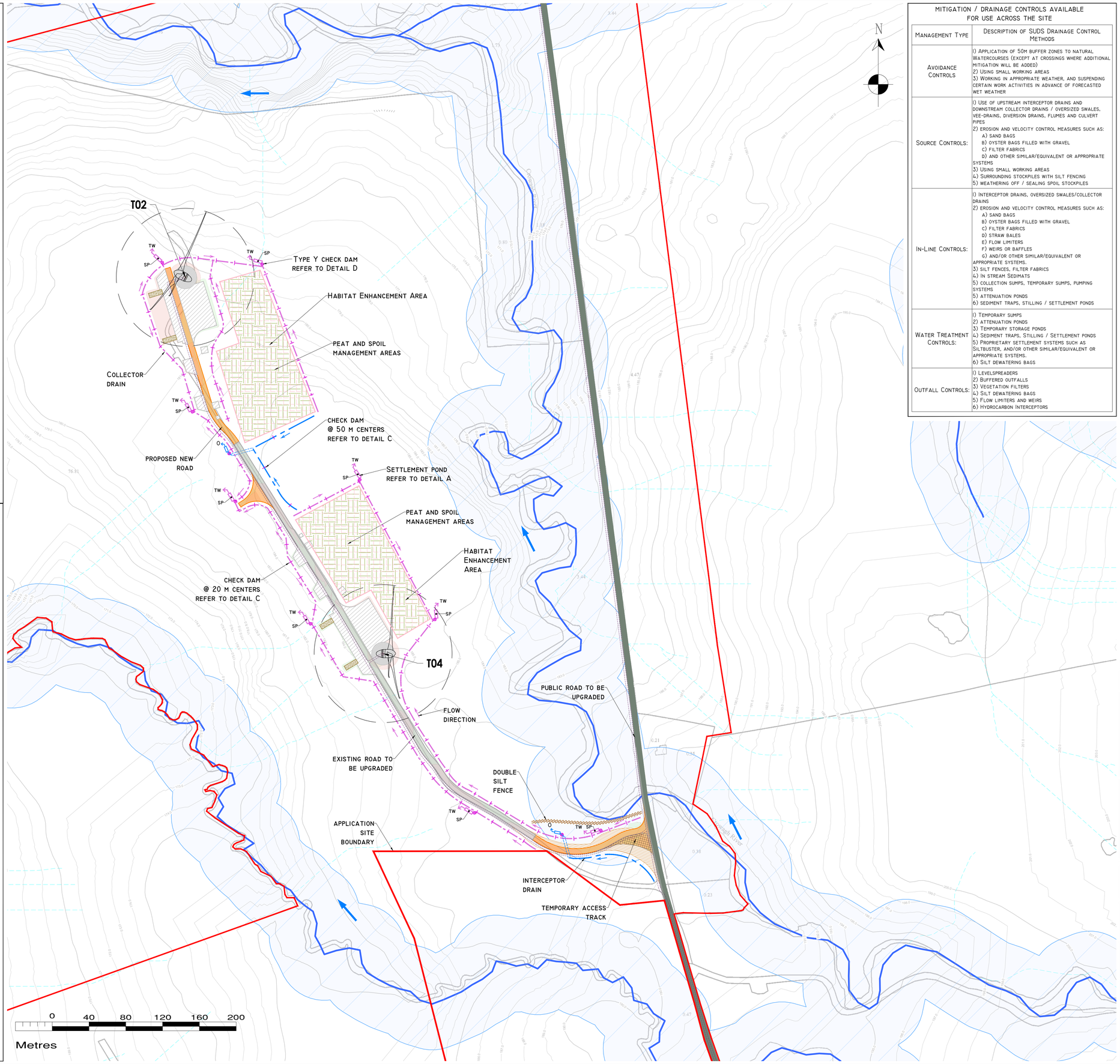

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- temporary construction compound
- borrow pit
- peat and spoil management areas
- cut area
- fill area
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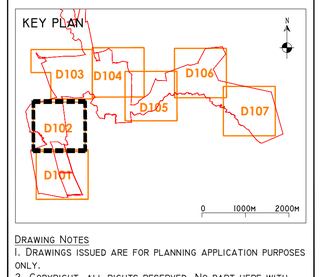
KEY PLAN



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Date	Description	Chkd	Signed

Revisions

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Client: SSE

Job: Crumhach Wind Farm, Co. Sligo

Title: Proposed Drainage Layout

Figure No: DI02

Drawing No: P1694-0-0726-A1-D102-00B	
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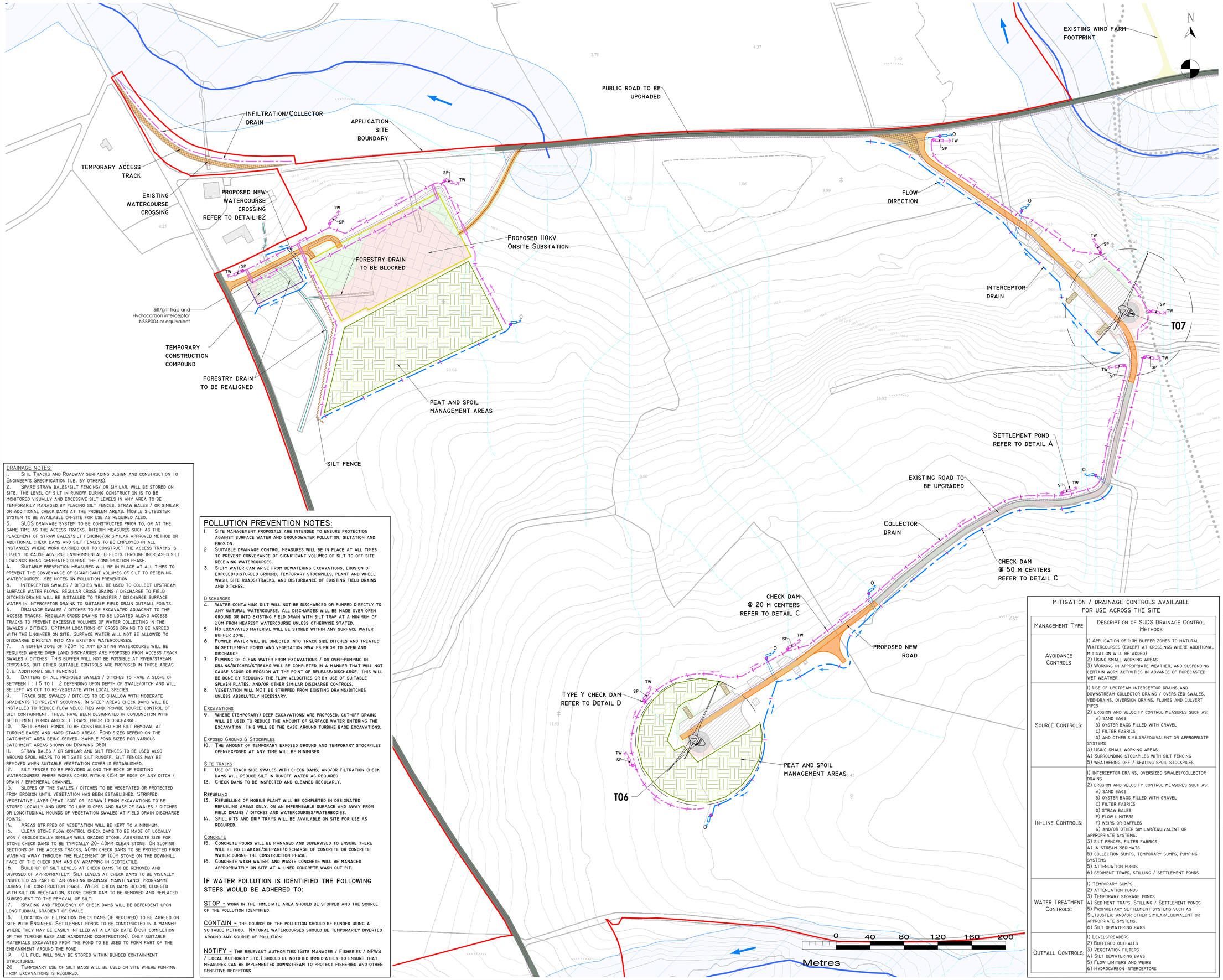

DRAWING LEGEND :

EXISTING DRAINAGE
- WATERCOURSES
- WATERCOURSES 50m BUFFER
- LAKES
- LAKES 50m BUFFER
- STREAM FLOW DIRECTION
- MAPPED DRAINS
- MAPPED DRAINAGE PATHWAYS >150m LENGHT*

* POTENTIAL DRAINAGE FLOWPATHS ARE MODELLED BASED ON LIDAR DATA AND DO NOT INDICATE THE PRESENCE OF A DRAIN OR WATERCOURSE OMINATED BY RECHARGE TO GROUND.

PROPOSED DRAINAGE
- UPSTREAM INTERCEPTOR DRAIN
- SWALES/DOWNSTREAM COLLECTOR DRAIN
- DIRECTION OF FLOW
- SILT FENCES
- DOUBLE/TRIPLE SILT FENCES
- SETTLEMENT POND - LEVEL SPREADER
- CHECK DAM 'TYPE A'
- CHECK DAM 'TYPE B'
- PROPOSED NEW WATERCOURSE CROSSING
- EXISTING WATERCOURSE CROSSING TO BE UPGRADED
- EXISTING WATERCOURSE CROSSING
- EXISTING DRAINAGE GRIP
- INTERCEPTOR DITCH CULVERT
- COLLECTOR DITCH CULVERT
- O — OVERLAND FLOW DISCHARGE
- TW — TREATED WATER DISCHARGE
- SP — SETTLEMENT POND
- VS — SEMI-NATURAL VEGETATION SWALE / FILTER BED /SECONDARY SP
- PUMPING SUMP

- APPLICATION SITE BOUNDARY
- EXISTING GROUND SURFACE MINOR CONTOUR (1M INTERVAL)
- EXISTING GROUND SURFACE MAJOR CONTOUR (5M INTERVAL)
- TURBINE FOUNDATION
- HARDSTAND
- PROPOSED NEW ROADS
- EXISTING ROADS TO BE UPGRADED
- PUBLIC ROADS TO BE UPGRADED
- TEMPORARY ACCESS TRACK
- 110kV UNDERGROUND CABLING
- 33kV UNDERGROUND CABLE ROUTE
- PROPOSED 110kV ONSITE SUBSTATION
- TEMPORARY CONSTRUCTION COMPOUND
- BORROW PIT
- PEAT AND SPOIL MANAGEMENT AREAS
- CUT AREA
- FILL AREA
- HABITAT ENHANCEMENT AREA
- EXISTING WIND FARM FOOTPRINT
- EXISTING TURBINE TO BE REMOVED

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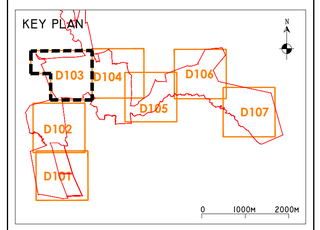

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6. Pumped water will be directed into track side ditches and treated in settlement ponds and vegetation swales prior to overland discharge.
7. Pumping of clean water from excavations / or over-pumping in drains/ditches/streams will be completed in a manner that will not cause scour or erosion at the point of release/discharge. This will be done by reducing the flow velocities or by use of suitable splash plates, and/or other similar discharge controls.
8. Vegetation will NOT be stripped from existing drains/ditches unless absolutely necessary.

Excavations

9. Where (temporary) deep excavations are proposed, cut-off drains will be used to reduce the amount of surface water entering the excavation. This will be the case around turbine base excavations.

Exposed Ground & Stockpiles

10. The amount of temporary exposed ground and temporary stockpiles open/exposed at any time will be minimised.

Site tracks

11. Use of track side swales with check dams, and/or filtration check dams will reduce silt in runoff water as required.
12. Check dams to be inspected and cleaned regularly.

Refueling

13. Refuelling of mobile plant will be completed in designated refueling areas only, on an impermeable surface and away from field drains / ditches and watercourses/waterbodies.
14. Spill kits and drip trays will be available on site for use as required.

Concrete

15. Concrete pours will be managed and supervised to ensure there will be no leakage/seepage/discharge of concrete or concrete water during the construction phase.
16. Concrete wash water, and waste concrete will be managed appropriately on site at a lined concrete wash out pit.

If water pollution is identified the following steps would be adhered to:

STOP - work in the immediate area should be stopped and the source of the pollution identified.

CONTAIN - the source of the pollution should be bunded using a suitable method. Natural watercourses should be temporarily diverted around any source of pollution.

NOTIFY - The relevant authorities (Site Manager / Fisheries / NPWS / Local Authority etc.) should be notified immediately to ensure that measures can be implemented downstream to protect fisheries and other sensitive receptors.

MITIGATION / DRAINAGE CONTROLS AVAILABLE FOR USE ACROSS THE SITE

Management Type	Description of SUDS Drainage Control Methods
Avoidance Controls	1) Application of 50m buffer zones to natural Watercourses (except at crossings where additional mitigation will be added) 2) Using small working areas 3) Working in appropriate weather, and suspending certain work activities in advance of forecasted wet weather
Source Controls:	1) Use of upstream interceptor drains and downstream collector drains / oversized swales, vee-drains, diversion drains, flumes and culvert pipes 2) erosion and velocity control measures such as: A) Sand bags B) oyster bags filled with gravel C) filter fabrics D) and other similar/equivalent or appropriate systems 3) Using small working areas 4) Surrounding stockpiles with silt fencing 5) weathering off / sealing spoil stockpiles
In-Line Controls:	1) Interceptor drains, oversized swales/collector drains 2) erosion and velocity control measures such as: A) Sand bags B) oyster bags filled with gravel C) filter fabrics D) straw bales E) flow limiters F) weirs or baffles G) and/or other similar/equivalent or appropriate systems. 3) silt fences, filter fabrics 4) In stream Sedimats 5) collection sumps, temporary sumps, pumping systems 5) Attenuation ponds 6) sediment traps, stilling / settlement ponds
Water Treatment Controls:	1) Temporary sumps 2) Attenuation ponds 3) Temporary storage ponds 4) Sediment traps, Stilling / Settlement ponds 5) Proprietary settlement systems such as Siltbuster, and/or other similar/equivalent or appropriate systems. 6) Silt dewatering bags
Outfall Controls:	1) Levelspreaders 2) Buffered outfalls 3) Vegetation filters 4) Silt dewatering bags 5) Flow limiters and weirs 6) Hydrocarbon interceptors

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Date	Description	Chkd	Signed

Revisions

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Client: SSE

Job: Crumhach Wind Farm, Co. Sligo

Title: Proposed Drainage Layout

Figure No: D103

Drawing No: P1694-0-0726-A1-D103-00B	
Sheet Size: A1	Project No.: P1694-0
Scale: 1:2,000 (A1)	Drawn By: GA
Date: 24/07/2026	Checked By: MG

POLLUTION PREVENTION NOTES:

1. Site management proposals are intended to ensure protection against surface water and groundwater pollution, siltation and erosion.
2. Suitable drainage control measures will be in place at all times to prevent conveyance of significant volumes of silt to off site receiving watercourses.
3. Silty water can arise from dewatering excavations, erosion of exposed/disturbed ground, temporary stockpiles, plant and wheel wash, site roads/tracks, and disturbance of existing field drains and ditches.

Discharges

4. Water containing silt will not be discharged or pumped directly to any natural watercourse. All discharges will be made over open ground or into existing field drain with silt trap at a minimum of 20m from nearest watercourse unless otherwise stated.
5. No excavated material will be stored within any surface water buffer zone.
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Site Tracks

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12. Check dams to be inspected and cleaned regularly.

Refueling

13. Refuelling of mobile plant will be completed in designated refueling areas only, on an impermeable surface and away from field drains / ditches and watercourses/waterbodies.
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Concrete

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16. Concrete wash water, and waste concrete will be managed appropriately on site at a lined concrete wash out pit.

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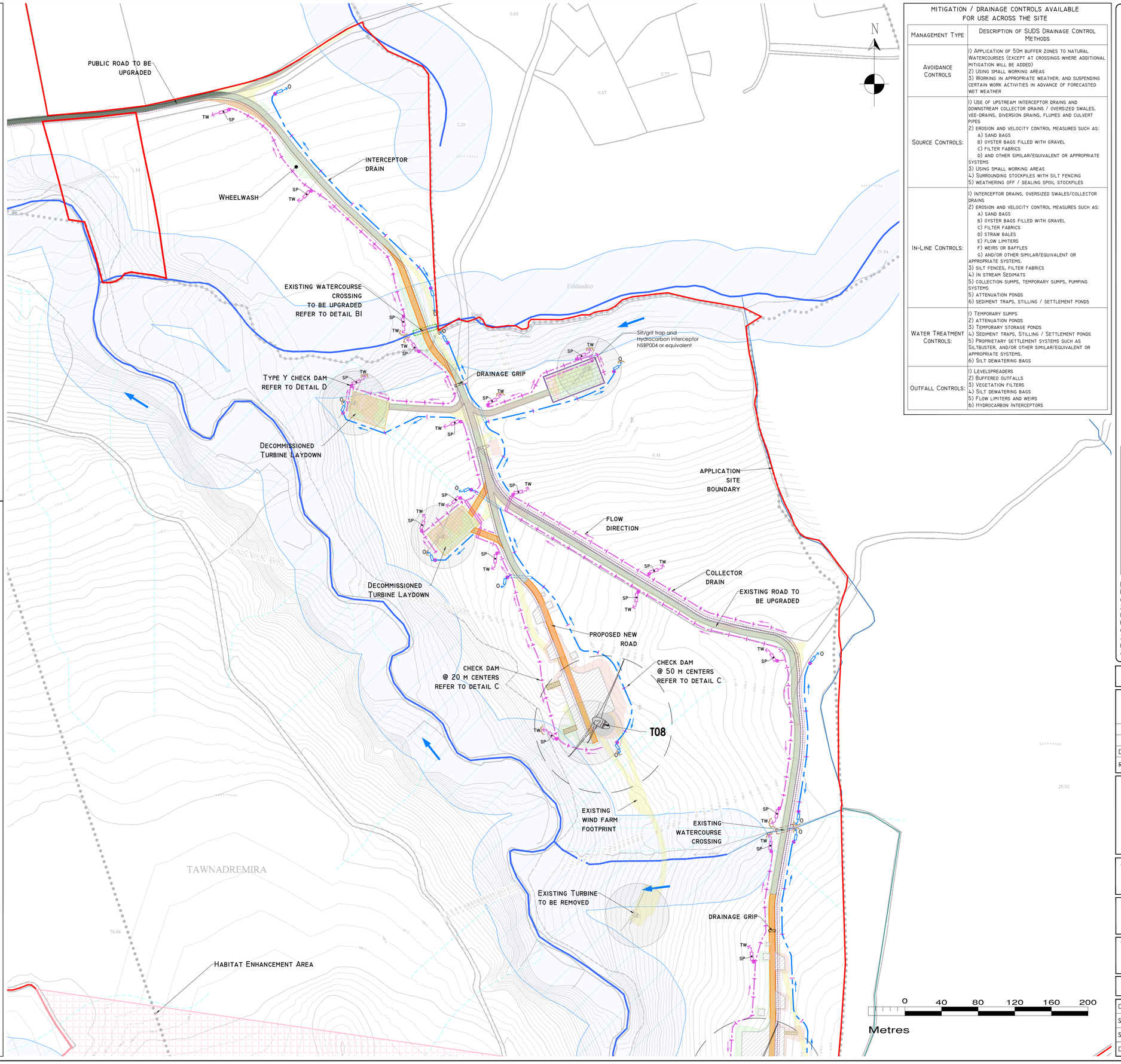
DRAINAGE NOTES:

1. Site Tracks and Roadway surfacing design and construction to Engineer's Specification (i.e. by others).
2. Spare straw bales/silt fencing/ or similar, will be stored on site. The level of silt in runoff during construction is to be monitored visually and excessive silt levels in any area to be temporarily managed by placing silt fences, straw bales / or similar or additional check dams at the problem areas. Mobile siltbuster system to be available on-site for use as required also.
3. SUDS drainage system to be constructed prior to, or at the same time as the access tracks. Interim measures such as the placement of straw bales/silt fencing/or similar approved method or additional check dams and silt fences to be employed in all instances where work carried out to construct the access tracks is likely to cause adverse environmental effects through increased silt loadings being generated during the construction phase.
4. Suitable prevention measures will be in place at all times to prevent the conveyance of significant volumes of silt to receiving watercourses. See notes on pollution prevention.
5. Interceptor swales / ditches will be used to collect upstream surface water flows. Regular cross drains / discharge to field ditches/drains will be installed to transfer / discharge surface water in interceptor drains to suitable field drain outfall points.
6. Drainage swales / ditches to be excavated adjacent to the access tracks. Regular cross drains to be located along access tracks to prevent excessive volumes of water collecting in the swales / ditches. Optimum locations of cross drains to be agreed with the Engineer on site. Surface water will not be allowed to discharge directly into any existing watercourses.
7. A buffer zone of >20m to any existing watercourse will be required where over land discharges are proposed from access track swales / ditches. This buffer will not be possible at river/stream crossings, but other suitable controls are proposed in those areas (i.e. additional silt fencing).
8. Batters of all proposed swales / ditches to have a slope of between 1 : 1.5 to 1 : 2 depending upon depth of swale/ditch and will be left as cut to re-vegetate with local species.
9. Track side swales / ditches to be shallow with moderate gradients to prevent scouring. In steep areas check dams will be installed to reduce flow velocities and provide source control of silt containment. These have been designated in conjunction with settlement ponds and silt traps, prior to discharge.
10. Settlement ponds to be constructed for silt removal at turbine bases and hard stand areas. Pond sizes depend on the catchment area being served. Sample pond sizes for various catchment areas shown on Drawing D501.
11. Straw bales / or similar and silt fences to be used also around spoil heaps to mitigate silt runoff. Silt fences may be removed when suitable vegetation cover is established.
12. Silt fences to be provided along the edge of existing watercourses where works comes within <15m of edge of any ditch / drain / ephemeral channel.
13. Slopes of the swales / ditches to be vegetated or protected from erosion until vegetation has been established. Stripped vegetative layer (peat 'sod' or 'scraw') from excavations to be stored locally and used to line slopes and base of swales / ditches or longitudinal mounds of vegetation swales at field drain discharge points.
14. Areas stripped of vegetation will be kept to a minimum.
15. Clean stone flow control check dams to be made of locally won / geologically similar well graded stone. Aggregate size for stone check dams to be typically 20- 40mm clean stone. On sloping sections of the access tracks, 40mm check dams to be protected from washing away through the placement of 100m stone on the downhill face of the check dam and by wrapping in geotextile.
16. Build up of silt levels at check dams to be removed and disposed of appropriately. Silt levels at check dams to be visually inspected as part of an ongoing drainage maintenance programme during the construction phase. Where check dams become clogged with silt or vegetation, stone check dam to be removed and replaced subsequent to the removal of silt.
17. Spacing and frequency of check dams will be dependent upon longitudinal gradient of swale.
18. Location of filtration check dams (if required) to be agreed on site with Engineer. Settlement ponds to be constructed in a manner where they may be easily infilled at a later date (post completion of the turbine base and hardstand construction). Only suitable materials excavated from the pond to be used to form part of the embankment around the pond.
19. Oil fuel will only be stored within bunded containment structures.
20. Temporary use of silt bags will be used on site where pumping from excavations is required.



MITIGATION / DRAINAGE CONTROLS AVAILABLE FOR USE ACROSS THE SITE

Management Type	Description of SUDS Drainage Control Methods
Avoidance Controls	1) Application of 50m buffer zones to natural Watercourses (except at crossings where additional mitigation will be added) 2) Using small working areas 3) Working in appropriate weather, and suspending certain work activities in advance of forecasted wet weather
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Outfall Controls:	1) Levelspreaders 2) Buffered outfalls 3) Vegetation filters 4) Silt dewatering bags 5) Flow limiters and weirs 6) Hydrocarbon Interceptors

Drawing Legend :

- Watercourses
- Watercourses 50m buffer
- Lakes
- Lakes 50m buffer
- Stream flow direction
- Mapped drains
- Mapped drainage pathways >150m lenght*
- * Potential drainage flowpaths are modelled based on lidar data and do not indicate the presence of a drain or watercourse dominated by recharge to ground.

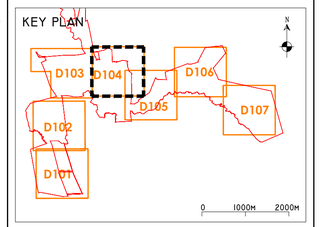
Existing Drainage

- Upstream Interceptor Drain
- Swales/Downstream Collector Drain
- Direction of Flow
- Silt Fences
- Double/Triple Silt Fences
- Settlement Pond - Level Spreader
- Check Dam 'Type A'
- Check Dam 'Type B'
- Proposed new watercourse crossing
- Existing watercourse crossing to be upgraded
- Existing watercourse crossing
- Existing drainage grip
- Interceptor Ditch Culvert
- Collector Ditch Culvert
- O Overland Flow Discharge
- TW Treated Water Discharge
- SP Settlement Pond
- VS Semi-Natural Vegetation Swale / Filter Bed /secondary sp
- Pumping Sump

Proposed Drainage

- Application site boundary
- Existing ground surface minor contour (1m interval)
- Existing ground surface major contour (5m interval)
- Turbine foundation
- Hardstand
- Proposed new roads
- Existing Roads to be Upgraded
- Public Roads to be Upgraded
- Temporary access track
- 110kV underground cabling
- 33kV Underground Cable Route
- Proposed 110kV Onsite Substation
- Temporary construction compound
- Borrow pit
- Peat and spoil management areas
- Cut area
- Fill area
- Habitat Enhancement Area
- Existing wind farm footprint
- Existing Turbine to be Removed

KEY PLAN



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Client: SSE

Job: Crumhach Wind Farm, Co. Sligo

Title: Proposed Drainage Layout

Figure No: DI04

Drawing No: P1694-0-0726-A1-D104-00B	
Sheet Size: A1	Project No.: P1694-0
Scale: 1:2,000 (A1)	Drawn By: GA
Date: 24/07/2026	Checked By: MG

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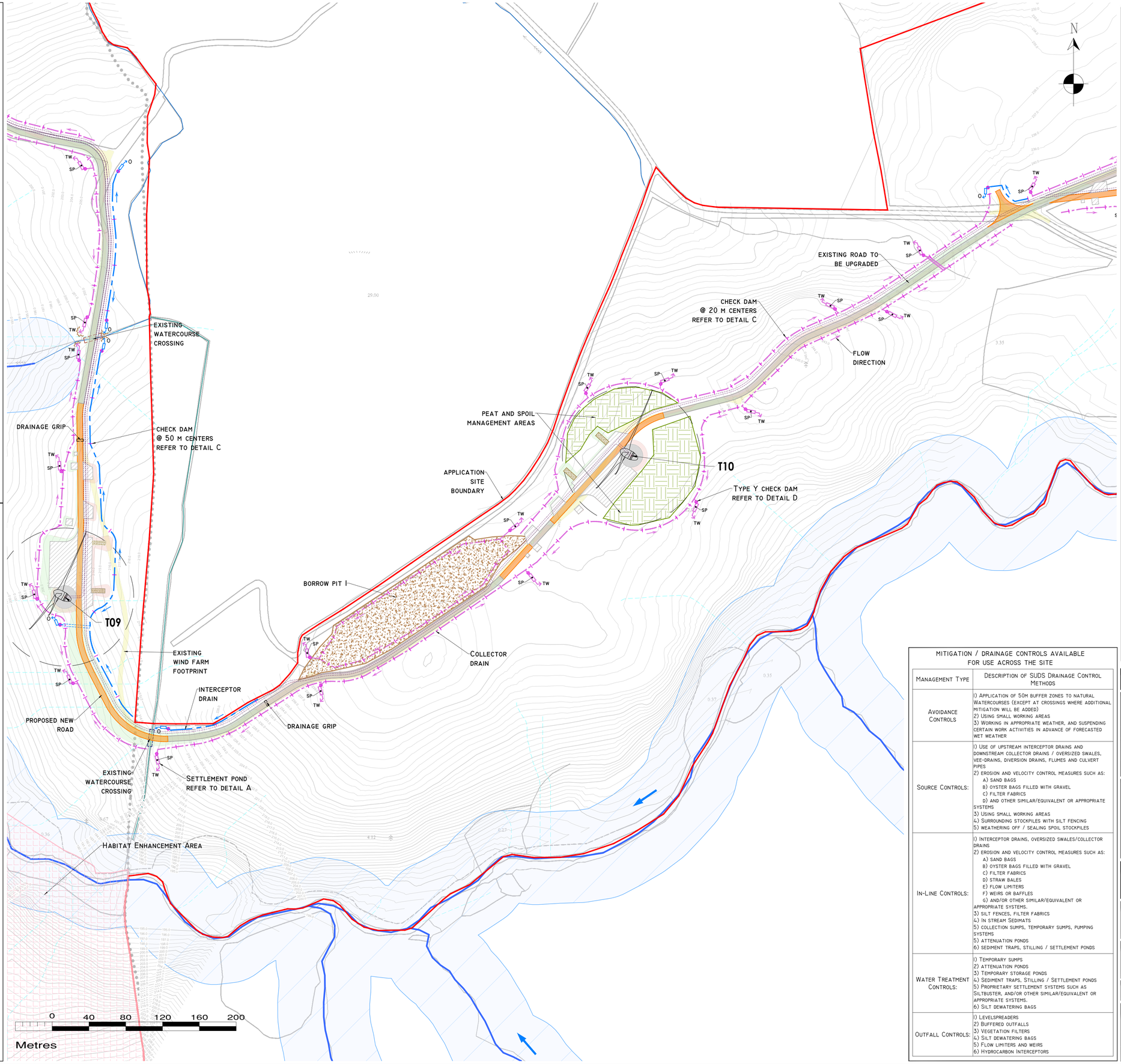

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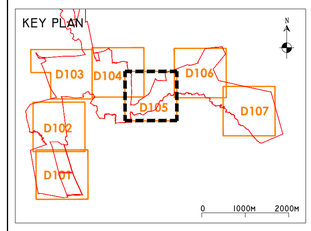
KEY PLAN



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Client: SSE

Job: Crumhach Wind Farm, Co. Sligo

Title: Proposed Drainage Layout

Figure No: DI05

Drawing No: P1694-0-0726-A1-D105-00B	
Sheet Size: A1	Project No.: P1694-0
Scale: 1:2,000 (A1)	Drawn By: GA
Date: 24/07/2026	Checked By: MG

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9. Where (temporary) deep excavations are proposed, cut-off drains will be used to reduce the amount of surface water entering the excavation. This will be the case around turbine base excavations.

Exposed Ground & Stockpiles

10. The amount of temporary exposed ground and temporary stockpiles open/exposed at any time will be minimised.

Site tracks

11. Use of track side swales with check dams, and/or filtration check dams will reduce silt in runoff water as required.
12. Check dams to be inspected and cleaned regularly.

Refueling

13. Refuelling of mobile plant will be completed in designated refueling areas only, on an impermeable surface and away from field drains / ditches and watercourses/waterbodies.
14. Spill kits and drip trays will be available on site for use as required.

Concrete

15. Concrete pours will be managed and supervised to ensure there will be no leakage/seepage/discharge of concrete or concrete water during the construction phase.
16. Concrete wash water, and waste concrete will be managed appropriately on site at a lined concrete wash out pit.

IF WATER POLLUTION IS IDENTIFIED THE FOLLOWING STEPS WOULD BE ADHERED TO:

STOP - work in the immediate area should be stopped and the source of the pollution identified.

CONTAIN - the source of the pollution should be bunded using a suitable method. Natural watercourses should be temporarily diverted around any source of pollution.

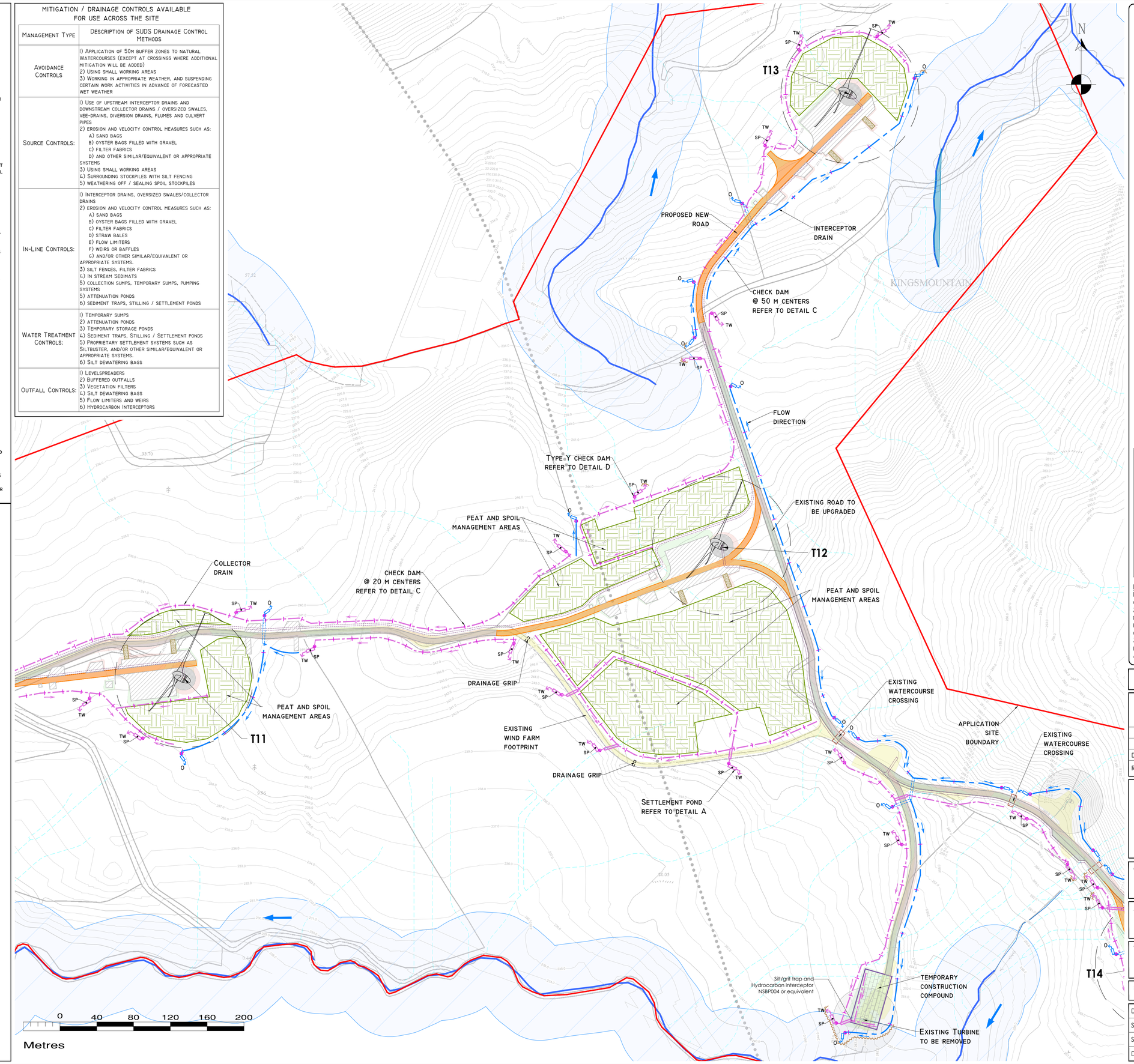
NOTIFY - the relevant authorities (Site Manager / Fisheries / NPWS / Local Authority etc.) should be notified immediately to ensure that measures can be implemented downstream to protect fisheries and other sensitive receptors.

DRAINAGE NOTES:

1. Site Tracks and Roadway surfacing design and construction to Engineer's Specification (i.e. by others).
2. Spare straw bales/silt fencing/ or similar, will be stored on site. The level of silt in runoff during construction is to be monitored visually and excessive silt levels in any area to be temporarily managed by placing silt fences, straw bales / or similar or additional check dams at the problem areas. Mobile siltbuster system to be available on-site for use as required also.
3. SUDS drainage system to be constructed prior to, or at the same time as the access tracks. Interim measures such as the placement of straw bales/silt fencing/or similar approved method or additional check dams and silt fences to be employed in all instances where work carried out to construct the access tracks is likely to cause adverse environmental effects through increased silt loadings being generated during the construction phase.
4. Suitable prevention measures will be in place at all times to prevent the conveyance of significant volumes of silt to receiving watercourses. See notes on pollution prevention.
5. Interceptor swales / ditches will be used to collect upstream surface water flows. Regular cross drains / discharge to field ditches/drains will be installed to transfer / discharge surface water in interceptor drains to suitable field drain outfall points.
6. Drainage swales / ditches to be excavated adjacent to the access tracks. Regular cross drains to be located along access tracks to prevent excessive volumes of water collecting in the swales / ditches. Optimum locations of cross drains to be agreed with the Engineer on site. Surface water will not be allowed to discharge directly into any existing watercourses.
7. a buffer zone of >20m to any existing watercourse will be required where over land discharges are proposed from access track swales / ditches. This buffer will not be possible at river/stream crossings, but other suitable controls are proposed in those areas (i.e. additional silt fencing).
8. Batters of all proposed swales / ditches to have a slope of between 1 : 1.5 to 1 : 2 depending upon depth of swale/ditch and will be left as cut to re-vegetate with local species.
9. Track side swales / ditches to be shallow with moderate gradients to prevent scouring. In steep areas check dams will be installed to reduce flow velocities and provide source control of silt containment. These have been designated in conjunction with settlement ponds and silt traps, prior to discharge.
10. Settlement ponds to be constructed for silt removal at turbine bases and hard stand areas. Pond sizes depend on the catchment area being served. Sample pond sizes for various catchment areas shown on Drawing D501.
11. Straw bales / or similar and silt fences to be used also around spoil heaps to mitigate silt runoff. Silt fences may be removed when suitable vegetation cover is established.
12. Silt fences to be provided along the edge of existing watercourses where works comes within <15m of edge of any ditch / drain / ephemeral channel.
13. Slopes of the swales / ditches to be vegetated or protected from erosion until vegetation has been established. Stripped vegetative layer (peat 'sod' or 'scraw') from excavations to be stored locally and used to line slopes and base of swales / ditches or longitudinal mounds of vegetation swales at field drain discharge points.
14. Areas stripped of vegetation will be kept to a minimum.
15. Clean stone flow control check dams to be made of locally won / geologically similar well graded stone. Aggregate size for stone check dams to be typically 20- 40mm clean stone. On sloping sections of the access tracks, 40mm check dams to be protected from washing away through the placement of 100m stone on the downhill face of the check dam and by wrapping in geotextile.
16. Build up of silt levels at check dams to be removed and disposed of appropriately. Silt levels at check dams to be visually inspected as part of an ongoing drainage maintenance programme during the construction phase. Where check dams become clogged with silt or vegetation, stone check dam to be removed and replaced subsequent to the removal of silt.
17. Spacing and frequency of check dams will be dependent upon longitudinal gradient of swale.
18. Location of filtration check dams (if required) to be agreed on site with Engineer. Settlement ponds to be constructed in a manner where they may be easily infilled at a later date (post completion of the turbine base and hardstand construction). Only suitable materials excavated from the pond to be used to form part of the embankment around the pond.
19. Oil fuel will only be stored within bunded containment structures.
20. Temporary use of silt bags will be used on site where pumping from excavations is required.

MITIGATION / DRAINAGE CONTROLS AVAILABLE FOR USE ACROSS THE SITE

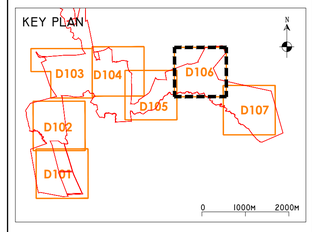
Management Type	Description of SUDS Drainage Control Methods
Avoidance Controls	1) Application of 50m buffer zones to natural Watercourses (except at crossings where additional mitigation will be added) 2) Using small working areas 3) Working in appropriate weather, and suspending certain work activities in advance of forecasted wet weather
Source Controls:	1) Use of upstream interceptor drains and downstream collector drains / oversized swales, vee-drains, diversion drains, flumes and culvert pipes 2) erosion and velocity control measures such as: A) sand bags B) oyster bags filled with gravel C) filter fabrics D) and other similar/equivalent or appropriate systems 3) Using small working areas 4) Surrounding stockpiles with silt fencing 5) weathering off / sealing spoil stockpiles
In-Line Controls:	1) Interceptor drains, oversized swales/collector drains 2) erosion and velocity control measures such as: A) sand bags B) oyster bags filled with gravel C) filter fabrics D) straw bales E) flow limiters F) weirs or baffles G) and/or other similar/equivalent or appropriate systems. 3) silt fences, filter fabrics 4) In stream Sediments 5) collection sumps, temporary sumps, pumping systems 5) attenuation ponds 6) sediment traps, stilling / settlement ponds
Water Treatment Controls:	1) Temporary sumps 2) attenuation ponds 3) Temporary storage ponds 4) Sediment traps, Stilling / Settlement ponds 5) Proprietary settlement systems such as Siltbuster, and/or other similar/equivalent or appropriate systems. 6) Silt dewatering bags
Outfall Controls:	1) Levelspreaders 2) Buffered outfalls 3) Vegetation filters 4) Silt dewatering bags 5) Flow limiters and weirs 6) Hydrocarbon Interceptors



Drawing Legend :

- Existing Drainage
  - Watercourses
  - Watercourses 50m buffer
  - Lakes
  - Lakes 50m buffer
  - Stream flow direction
  - Mapped drains
  - Mapped drainage pathways >150m lenght*
  - * Potential drainage flowpaths are modelled based on LiDAR data and do not indicate the presence of a drain or watercourse ominated by recharge to ground.
- Proposed Drainage
  - Upstream Interceptor Drain
  - Swales/Downstream Collector Drain
  - Direction of Flow
  - Silt Fences
  - Double/Triple Silt Fences
  - settlement pond - level spreader
  - Check Dam 'type A'
  - Check Dam 'type B'
  - proposed new watercourse crossing
  - existing watercourse crossing to be upgraded
  - existing watercourse crossing
  - existing drainage grip
  - Interceptor Ditch Culvert
  - Collector Ditch Culvert
  - O Overland Flow Discharge
  - TW Treated Water Discharge
  - SP Settlement Pond
  - VS Semi-Natural Vegetation Swale / Filter Bed /Secondary SP
  - Pumping Sump
- application site boundary
- Existing ground surface minor contour (1m interval)
- Existing ground surface major contour (5m interval)
- turbine foundation
- hardstand
- proposed new roads
- Existing Roads to be upgraded
- Public Roads to be upgraded
- temporary access track
- 110kV underground cabling
- 33kV Underground Cable Route
- Proposed 110kV Onsite Substation
- temporary construction compound
- borrow pit
- peat and spoil management areas
- cut area
- fill area
- Habitat Enhancement Area
- existing wind farm footprint
- Existing Turbine to be removed

KEY PLAN



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4. All dimensions are in metres.

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Date	Description	Chkd	Signed

Revisions

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web: www.hydroenvironmental.ie

Client: SSE

Job: Crumhach Wind Farm, Co. Sligo

Title: Proposed Drainage Layout

Figure No: D106

Drawing No: P1694-0-0726-A1-D106-00B	
Sheet Size: A1	Project No.: P1694-0
Scale: 1:2,000 (A1)	Drawn By: GA
Date: 24/07/2026	Checked By: MG

POLLUTION PREVENTION NOTES:

1. Site management proposals are intended to ensure protection against surface water and groundwater pollution, siltation and erosion.
2. Suitable drainage control measures will be in place at all times to prevent conveyance of significant volumes of silt to off site receiving watercourses.
3. Silty water can arise from dewatering excavations, erosion of exposed/disturbed ground, temporary stockpiles, plant and wheel wash, site roads/tracks, and disturbance of existing field drains and ditches.

Discharges

4. Water containing silt will not be discharged or pumped directly to any natural watercourse. All discharges will be made over open ground or into existing field drain with silt trap at a minimum of 20m from nearest watercourse unless otherwise stated.
5. No excavated material will be stored within any surface water buffer zone.
6. Pumped water will be directed into track side ditches and treated in settlement ponds and vegetation swales prior to overland discharge.
7. Pumping of clean water from excavations / or over-pumping in drains/ditches/streams will be completed in a manner that will not cause scour or erosion at the point of release/discharge. This will be done by reducing the flow velocities or by use of suitable splash plates, and/or other similar discharge controls.
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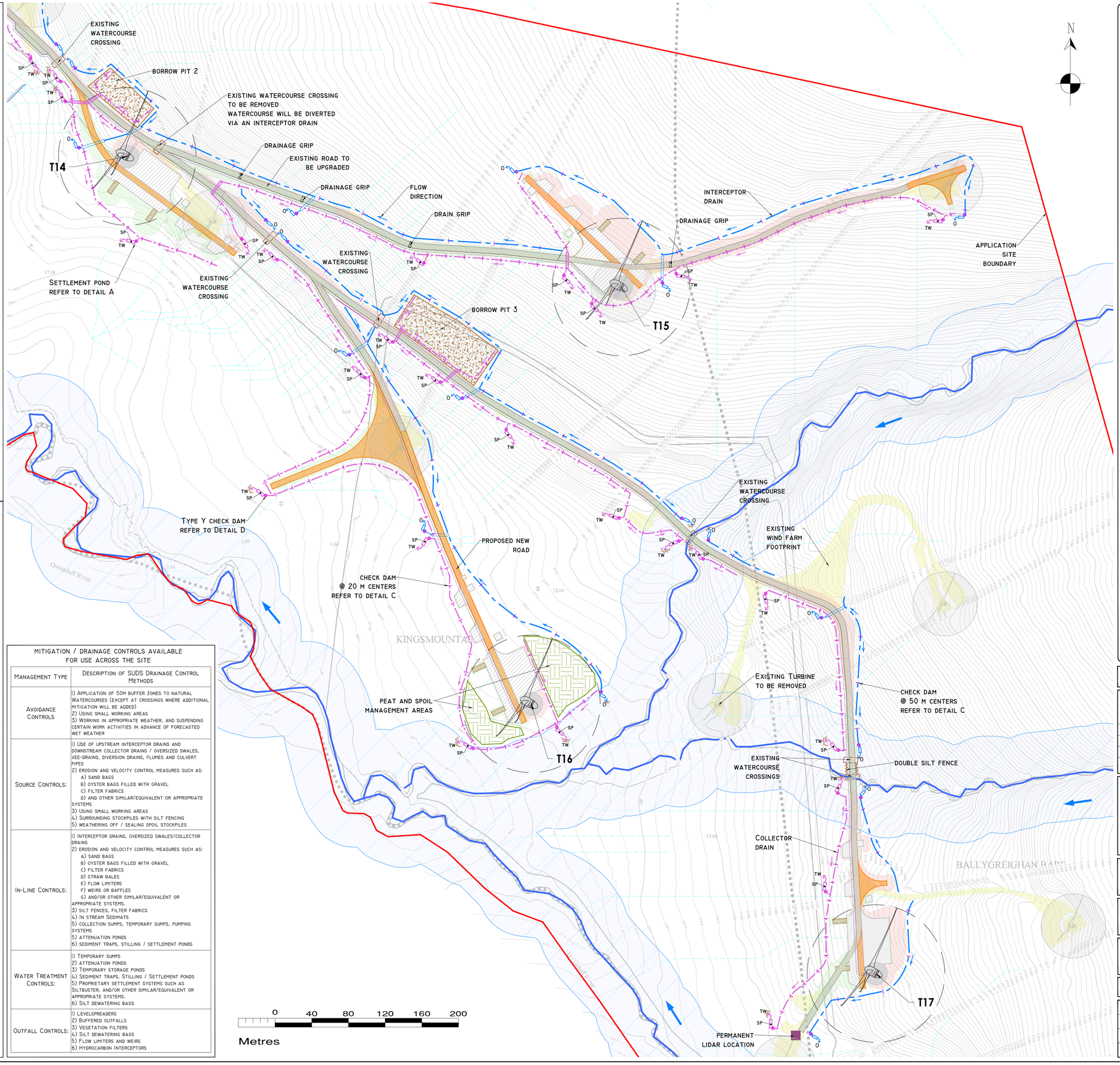


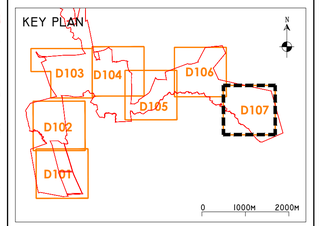
DRAWING LEGEND :

EXISTING DRAINAGE
- WATERCOURSES
- WATERCOURSES 50m BUFFER
- LAKES
- LAKES 50m BUFFER
- STREAM FLOW DIRECTION
- MAPPED DRAINS
- MAPPED DRAINAGE PATHWAYS >150m LENGHT*
- * POTENTIAL DRAINAGE FLOWPATHS ARE MODELLED BASED ON LIDAR DATA AND DO NOT INDICATE THE PRESENCE OF A DRAIN OR WATERCOURSE OMINATED BY RECHARGE TO GROUND.

PROPOSED DRAINAGE
- UPSTREAM INTERCEPTOR DRAIN
- SWALES/DOWNSTREAM COLLECTOR DRAIN
- DIRECTION OF FLOW
- SILT FENCES
- DOUBLE/TRIPLE SILT FENCES
- SETTLEMENT POND - LEVEL SPREADER
- CHECK DAM 'TYPE A'
- CHECK DAM 'TYPE B'
- PROPOSED NEW WATERCOURSE CROSSING
- EXISTING WATERCOURSE CROSSING TO BE UPGRADED
- EXISTING WATERCOURSE CROSSING
- EXISTING DRAINAGE GRIP
- INTERCEPTOR DITCH CULVERT
- COLLECTOR DITCH CULVERT
- O OVERLAND FLOW DISCHARGE
- TW TREATED WATER DISCHARGE
- SP SETTLEMENT POND
- VS SEMI-NATURAL VEGETATION SWALE / FILTER BED /SECONDARY SP
- PUMPING SUMP

- APPLICATION SITE BOUNDARY
- EXISTING GROUND SURFACE MINOR CONTOUR (1M INTERVAL)
- EXISTING GROUND SURFACE MAJOR CONTOUR (5M INTERVAL)
- TURBINE FOUNDATION
- HARDSTAND
- PROPOSED NEW ROADS
- EXISTING ROADS TO BE UPGRADED
- PUBLIC ROADS TO BE UPGRADED
- TEMPORARY ACCESS TRACK
- 110kV UNDERGROUND CABLING
- 33kV UNDERGROUND CABLE ROUTE
- PROPOSED 110kV ONSITE SUBSTATION
- TEMPORARY CONSTRUCTION COMPOUND
- BORROW PIT
- PEAT AND SPOIL MANAGEMENT AREAS
- CUT AREA
- FILL AREA
- HABITAT ENHANCEMENT AREA
- EXISTING WIND FARM FOOTPRINT
- EXISTING TURBINE TO BE REMOVED

KEY PLAN



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Date	Description	Chkd	Signed

Revisions

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web: www.hydroenvironmental.ie

Client: SSE

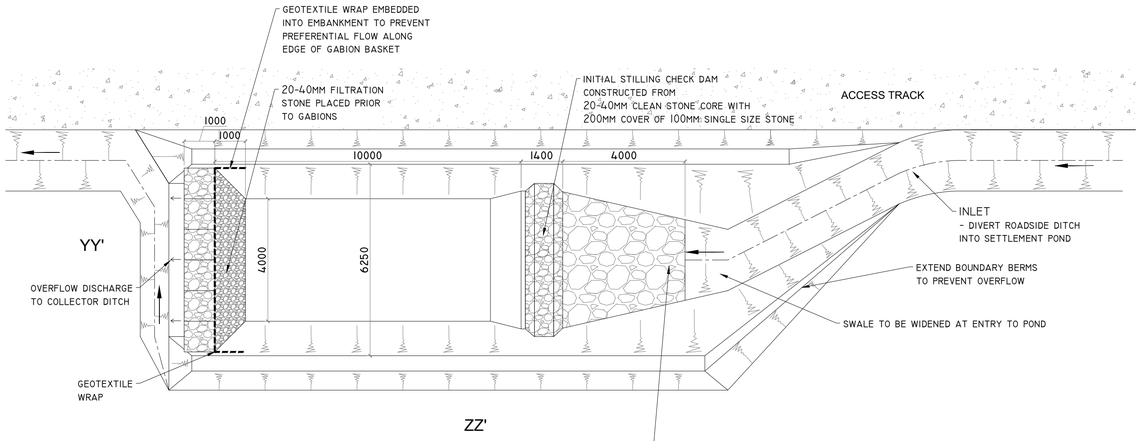
Job: Crumhach Wind Farm, Co. Sligo

Title: Proposed Drainage Layout

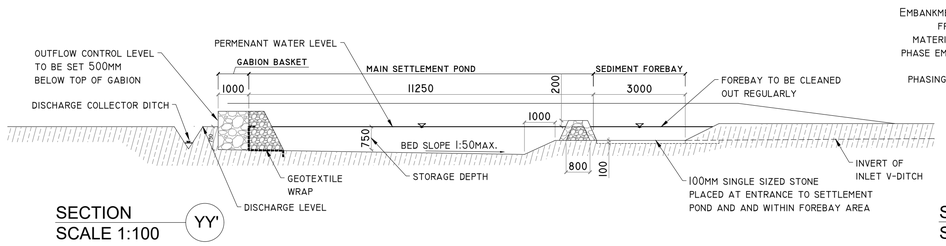
Figure No: DI07

Drawing No: P1694-0-0726-A1-D107-00B	
Sheet Size: A1	Project No.: P1694-0
Scale: 1:2,000 (A1)	Drawn By: GA
Date: 24/07/2026	Checked By: MG

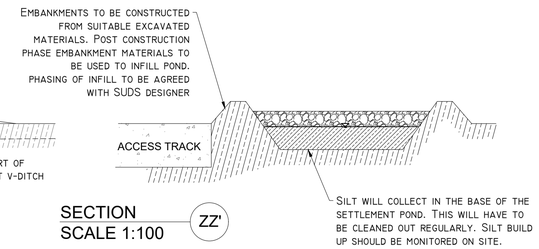
DETAIL AI



TYPE A - ROAD SIDE SETTLEMENT POND DETAIL
SCALE 1:100 (NOTE DIMENSIONS VARY DEPENDING ON CATCHMENT SIZE - SEE ATTACHED TABLE)

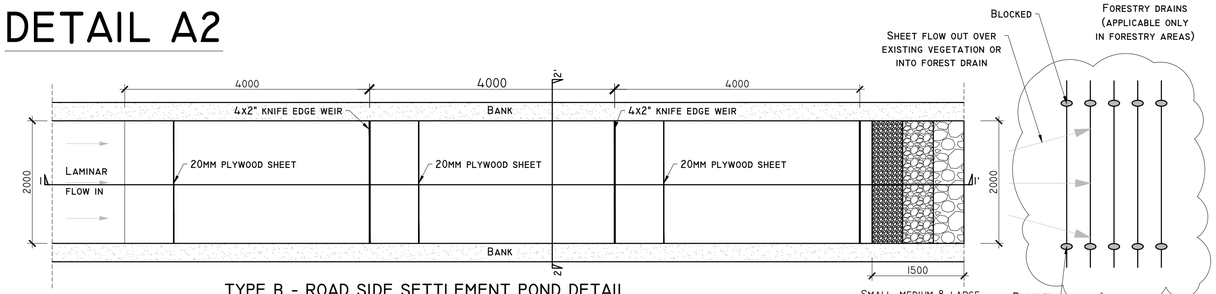


SECTION YY'
SCALE 1:100

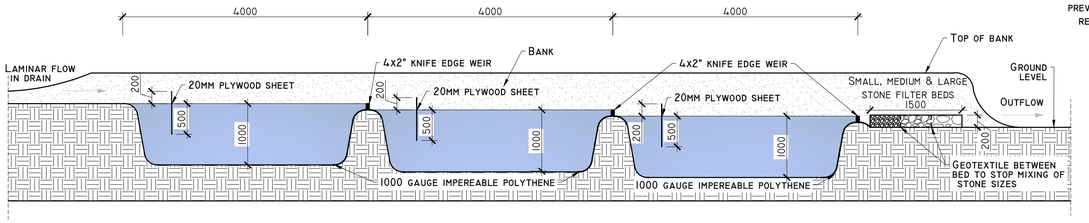


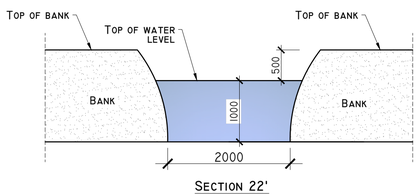
SECTION ZZ'
SCALE 1:100

DETAIL A2



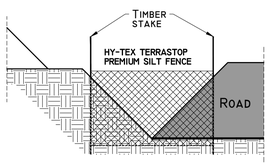
TYPE B - ROAD SIDE SETTLEMENT POND DETAIL
SCALE 1:200 (NOTE DIMENSIONS VARY DEPENDING ON CATCHMENT SIZE - SEE ATTACHED TABLE)





SECTION 22'

SECTION 11'
SEDIMENT FENCE/CHECK DAM DETAIL

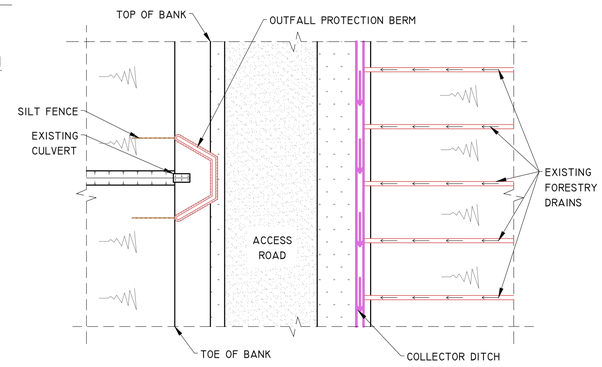


POND SIZE W [m] x L [m] x D [m]			TRACK/HARDSTAND CATCHMENT SIZE (M²)		
RETURN PERIOD	*10 YRS*	STORM DURATION	500	1000	2000
6HR RETENTION FOR COARSE SILT		6 HRS	2.8 x 8.6 x 1 M	4.0 x 12.0 x 1 M	5.5 x 17.4 x 1 M
11HR RETENTION FOR MEDIUM SILT		12 HRS	4.3 x 13.0 x 1 M	6.0 x 18.6 x 1 M	8.5 x 26.3 x 1 M
24HR RETENTION FOR FINE SILT		24 HRS	7.4 x 22.3 x 1 M	10.5 x 31.5 x 1 M	14.5 x 45.5 x 1 M

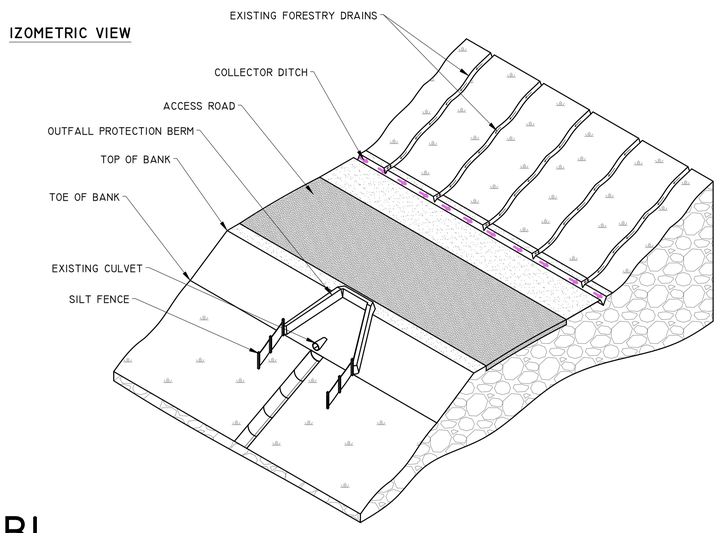
DETAIL B

CULVERT - OUTFALL PROTECTION DETAIL
SCHEMATIC - NOT TO SCALE

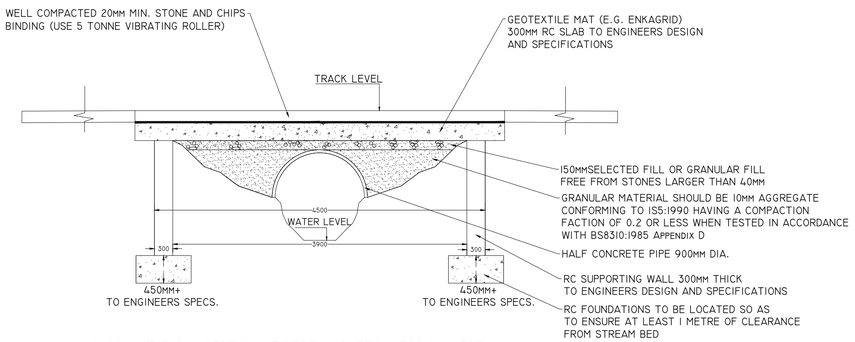
PLAN



IZOMETRIC VIEW

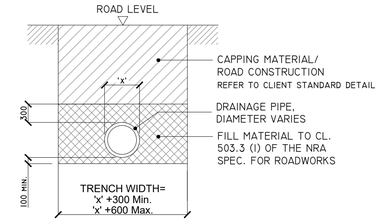


DETAIL BI



'TYPE A' TYPICAL SECTION OF STREAM BOTTOMLESS CULVERT THRU' ROAD (WHERE APPLICABLE)
SCALE 1:50

DETAIL B2



'TYPE B' CULVERT - DRAINAGE CROSSING BENEATH EXCAVATED ROAD
SCALE 1:50

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Revisions			

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Client: SSE

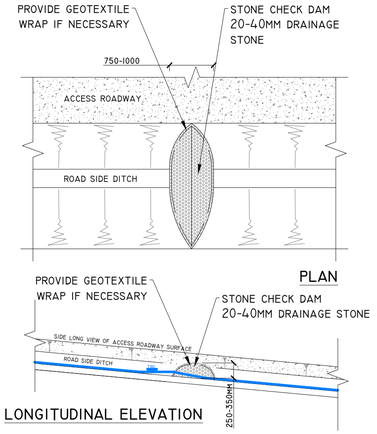
Job: CRUMHACH WIND FARM, CO. SLIGO

Title: DRAINAGE DETAILS 1

Figure No: D501

Drawing No: P1694-0-0726-A1-D501-00B	
Sheet Size: A1	Project No.: P1694-0
Scale: as shown (A1)	Drawn By: GA
Date: 24/07/2026	Checked By: MG

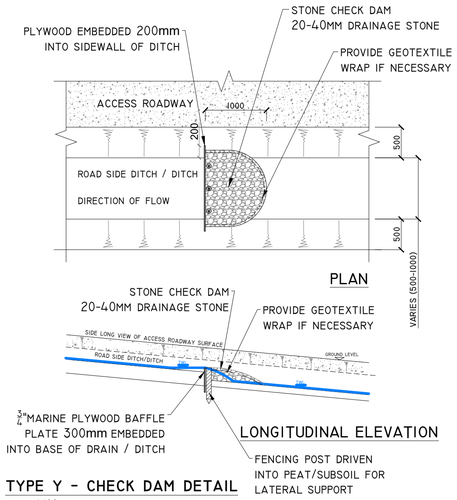
DETAIL C



TYPE X - CHECK DAM DETAIL

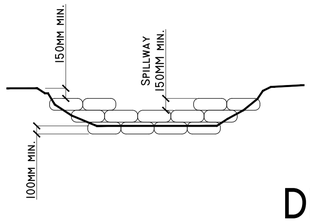
SCALE 1:50

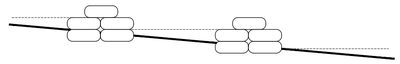
DETAIL D



TYPE Y - CHECK DAM DETAIL

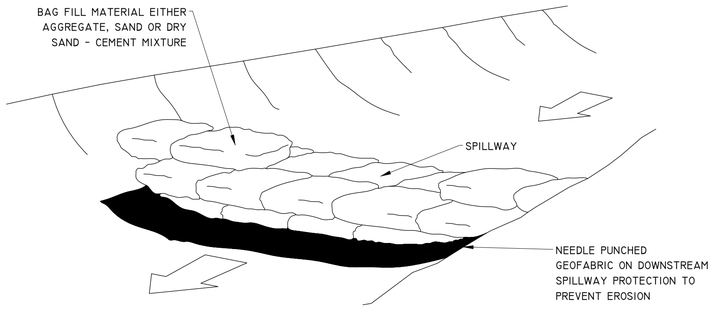
SCALE 1:100





NOTE: SPACING OF CHECK DAMS ALONG CENTRELINE AND SCOUR PROTECTION BELOW EACH CHECK DAM

DETAIL CI



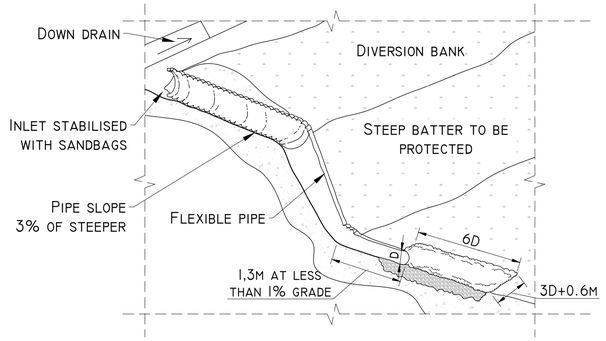
TEMPORARY CHECK DAM / SETTLEMENT POND OVERFLOW SAND FILLED BAG CONSTRUCTION

SCHEMATIC - NOT TO SCALE

DETAIL E

TYPICAL PIPE SPILLWAY DETAIL

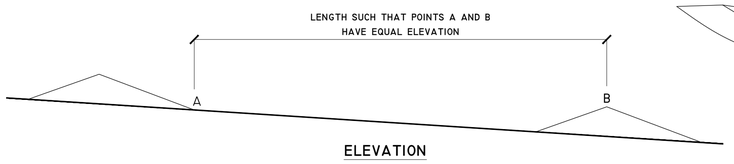
SCHEMATIC - NOT TO SCALE



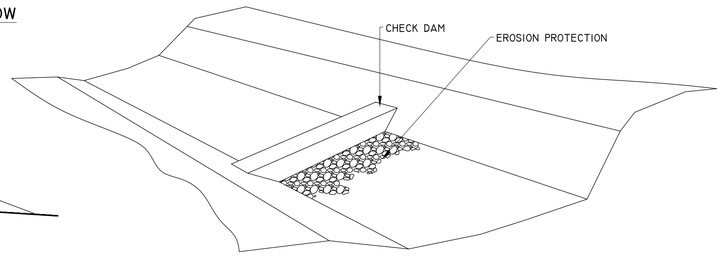
DETAIL C2

TEMPORARY CHECK DAM / SETTLEMENT POND OVERFLOW

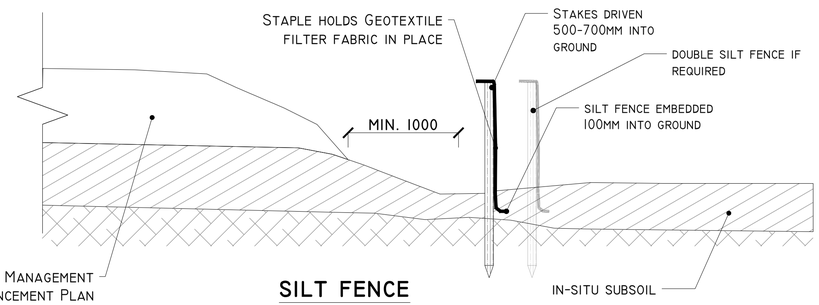
SCHEMATIC - NOT TO SCALE



ELEVATION



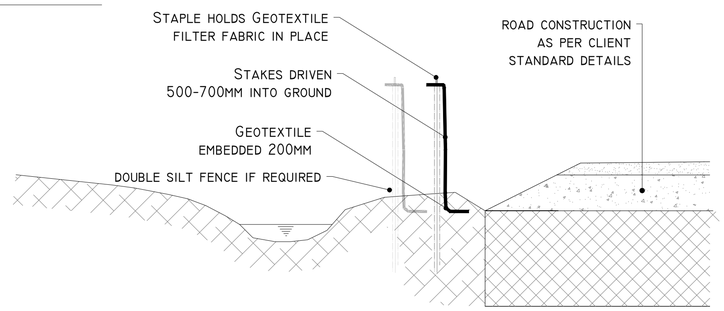
DETAIL F-I



SILT FENCE

SCALE 1:25

DETAIL F-II



SILT FENCE FOR WATERCOURSE PROTECTION

SCALE 1:25

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Date	Description	Chkd	Signed

Revisions

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Client: SSE

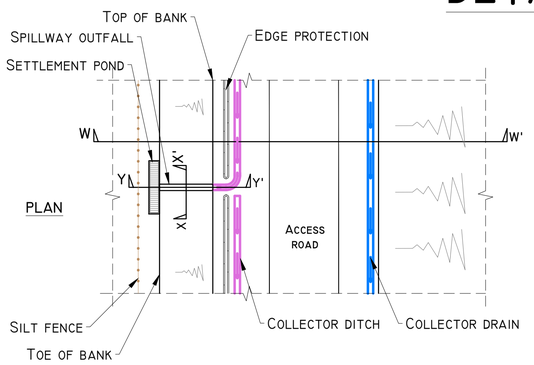
Job: Crumhach Wind Farm, Co. Sligo

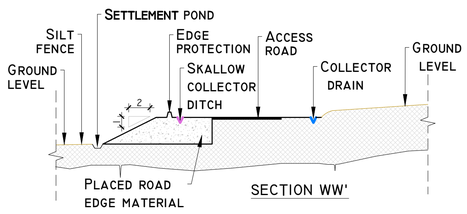
Title: Drainage Details 2

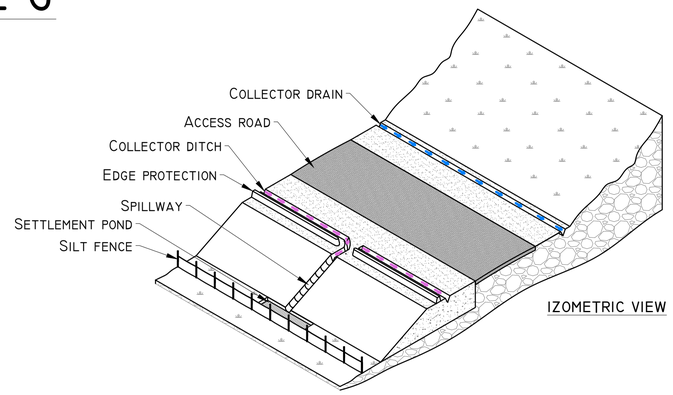
Figure No: D502

Drawing No: P1694-0-0726-A1-D502-00B	
Sheet Size: A1	Project No.: P1694-0
Scale: as shown (A1)	Drawn By: GA
Date: 24/07/2026	Checked By: MG

DETAIL G







SPILLWAY OUTFALL PLAN
SCHEMATIC - NOT TO SCALE

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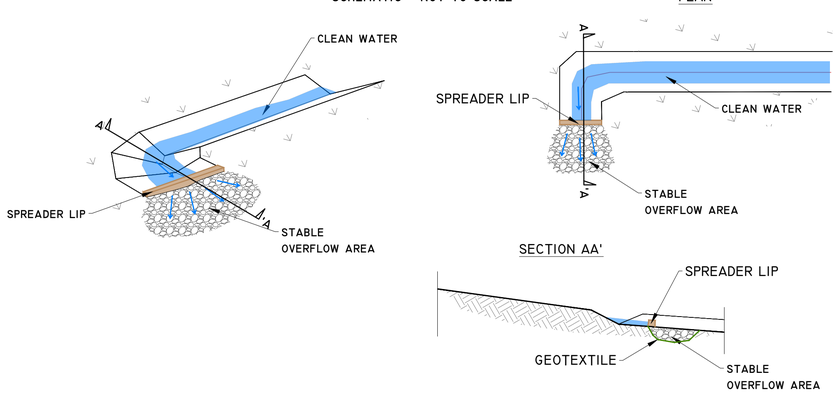
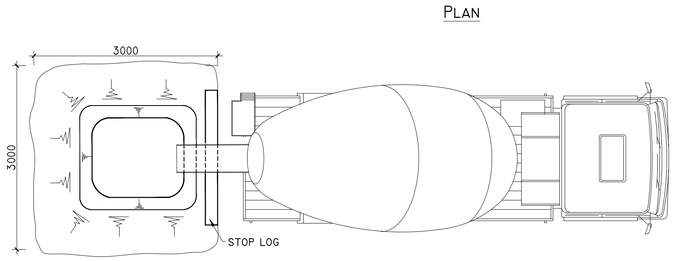
DETAIL J-1

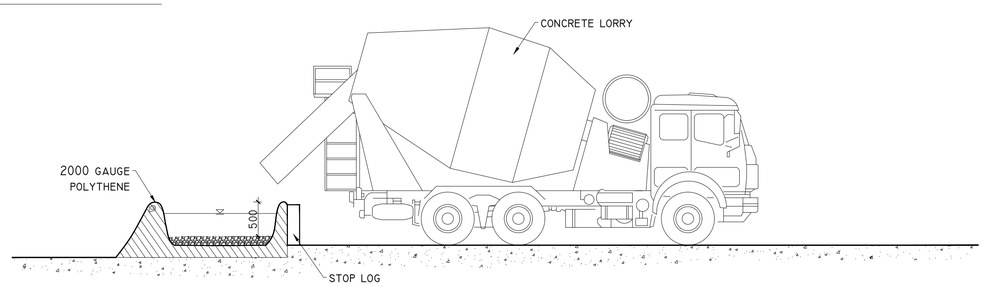
LEVEL SPREADER DETAIL
SCHEMATIC - NOT TO SCALE



TEMPORARY CONCRETE WASH OUT PIT
SCALE 1:50

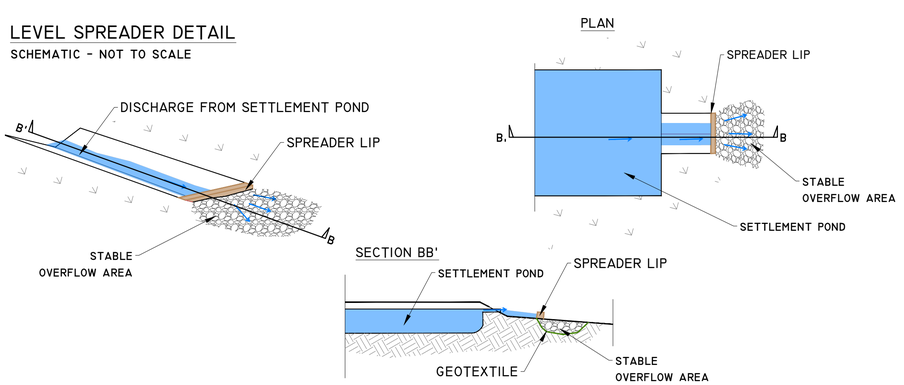


DETAIL H



DETAIL J-2

LEVEL SPREADER DETAIL
SCHEMATIC - NOT TO SCALE



Date	Description	Chkd	Signed
Revisions			

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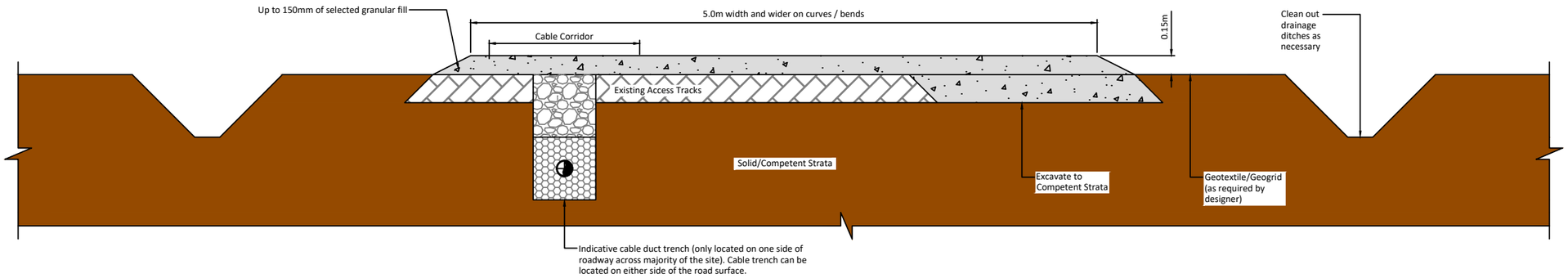
Client: SSE

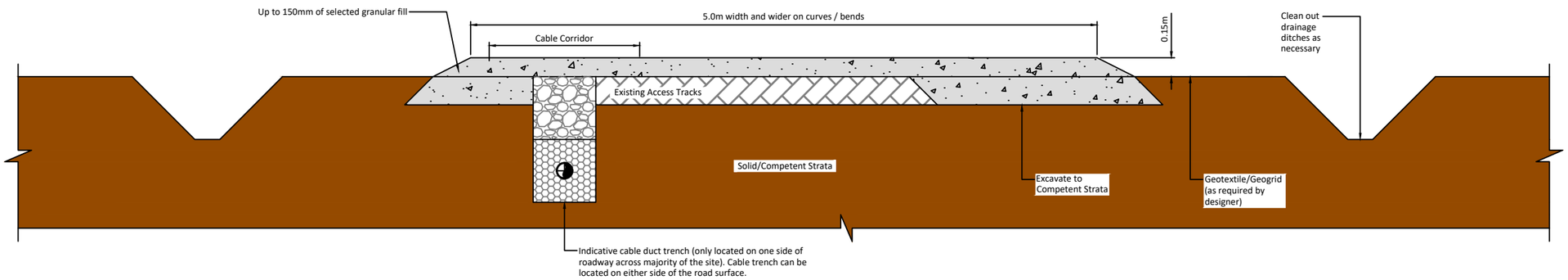
Job: Crumhach Wind Farm, Co. Sligo

Title: Drainage Details 3

Figure No: D503

Drawing No: P1694-0-0726-A1-D503-00B	
Sheet Size: A1	Project No.: P1694-0
Scale: as shown (A1)	Drawn By: GA
Date: 24/07/2026	Checked By: MG





Scale 1:40

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P01	FOR INFORMATION	BDH	09.04.26
P02	FOR INFORMATION	BDH	30.06.26

PROJECT
CRUMHACH WIND FARM

CLIENT
MKO

SHEET
TYPE A UPGRADE OF EXISTING EXCAVATED ACCESS ROAD

Date 30.06.26	Project number P23-240	Scale (@ A3) Scale N/A
Drawn by SK	Drawing Number P23-240-0600-0011	Rev P02
Checked by IH		

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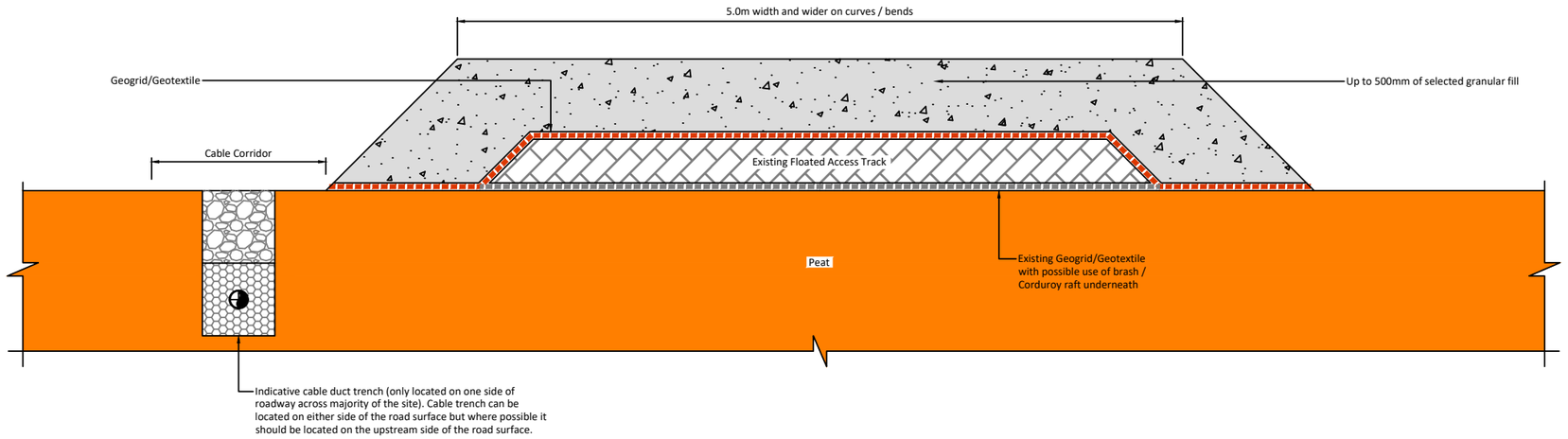
2 July 2026



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PROJECT

CRUMHACH WIND FARM

CLIENT

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SHEET

TYPE B UPGRADE OF EXISTING FLOATED ACCESS ROAD

Date 30.06.26	Project number P23-240	Scale (@ A3) As Shown	
Drawn by SK	Drawing Number P23-240-0600-0012		Rev P02
Checked by IH			

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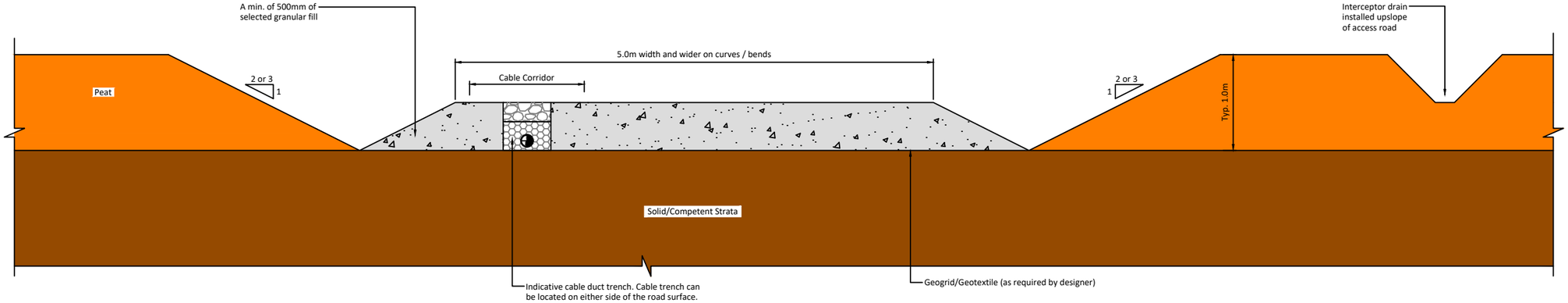
2 July 2026



Scale 1:50

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PROJECT
CRUMHACH WIND FARM

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SHEET
TYPE C NEW EXCAVATE AND REPLACE ACCESS TRACK

Date 30.06.26	Project number P23-240	Scale (@ A3) Scale N/A	
Drawn by SK	Drawing Number P23-240-0600-0013		Rev P02
Checked by IH			

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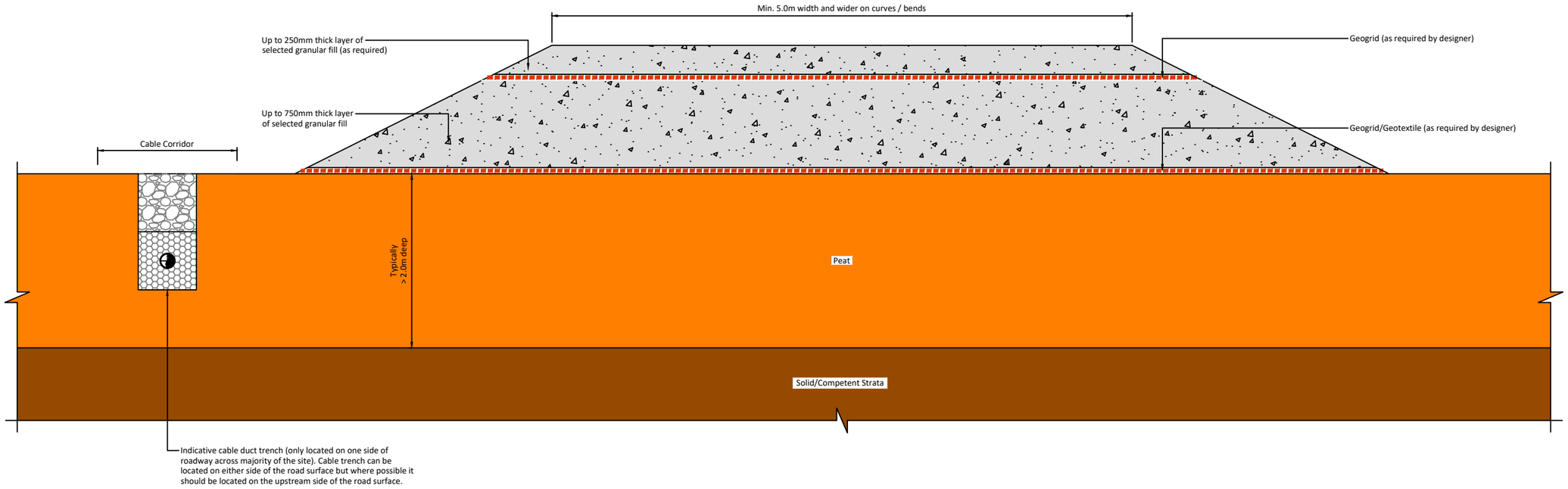
2 July 2026



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Scale 1:40

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P01	FOR INFORMATION	BDH	09.04.26
P02	FOR INFORMATION	BDH	30.06.26

PROJECT

CRUMHACH WIND FARM

CLIENT

MKO

SHEET

PEAT AND SPOIL MANAGEMENT AREAS - TYPE D - NEW FLOATED ACCESS TRACK

Date 30.06.26	Project number P23-240	Scale (@ A3) 1:40
Drawn by SK	Drawing Number P23-240-0600-0014 (Sheet set subset 0600)	Rev P02
Checked by IH		

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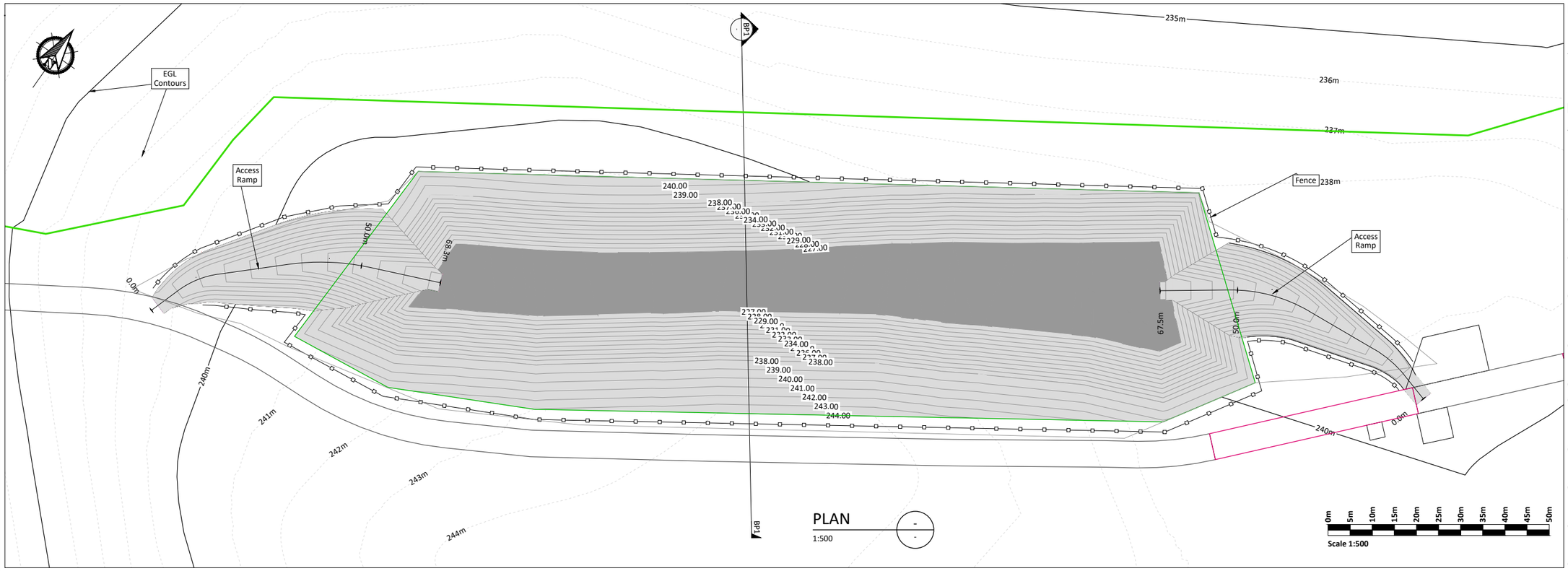
2 July 2026



PLAN

1:500

Scale 1:500

0m 5m 10m 15m 20m 25m 30m 35m 40m 45m 50m

Legend:

- EIAR Study Boundary
- Proposed Turbine & Hardstanding
- Proposed Access Track
- Existing Access Track to be Upgraded
- Existing Access Tracks
- Proposed Passing Bay

Borrow Pit Construction Notes:

(1) It is proposed to construct the borrow pit so that the base of the borrow pit is below the level of the adjacent section of access road.

(2) Slopes within the excavated rock formed around the perimeter of the borrow pit will be formed at stable inclinations to suit local in-situ rock conditions.

(3) Infilling of the peat & spoil will commence at the back edge of the borrow pit and progress towards the borrow pit entrance/rock buttress. Excavation and infilling of the borrow pit will need to be sequenced and programmed.

(4) The contractor excavating the rock will sequence the borrow pit construction in a way which will allow the excavated peat & spoil to be reinstated safely.

(5) The borrow pit will be developed in cells.

(6) The internal rock buttress will be founded on competent strata. The founding stratum for the rock buttress will be inspected and approved by the Project Geotechnical Engineer.

(7) In order to prevent water retention occurring behind the buttresses, the buttresses will be constructed of coarse boulder fill with a high permeability.

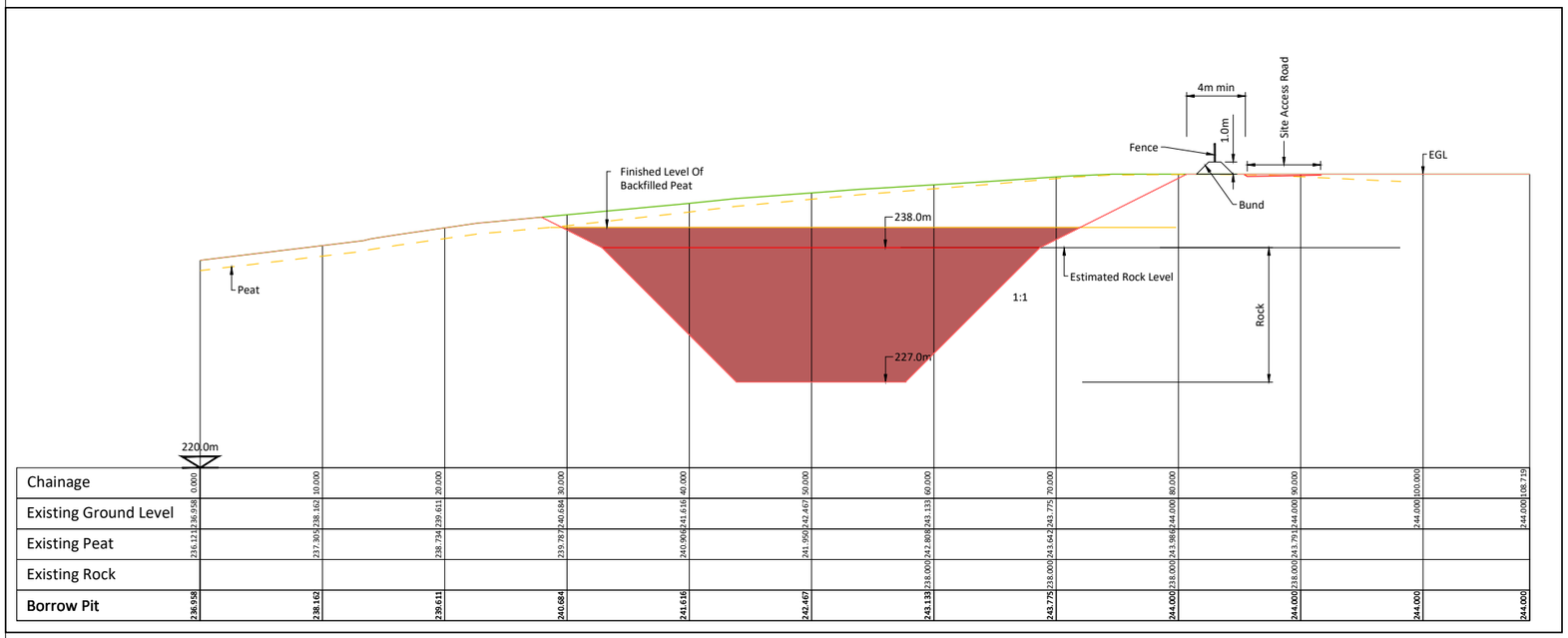
(8) Control of groundwater within the borrow pit will be required and measures will be determined as part of the ground investigation programme.

(9) An interceptor drain will be installed around the upslope side of the borrow pit to capture surface water flow and divert it around the borrow pit.

(10) A perimeter drain will be installed around the individual cells, which will outfall to a settlement pond on the downslope side of the borrow pit (not shown on plan).

(11) All the above-mentioned general guidelines and requirements will be confirmed by the designer prior to construction.

(12) Further guidelines on the construction of the borrow pit is included within Section 7.5 of the Peat & Spoil Management Plan.



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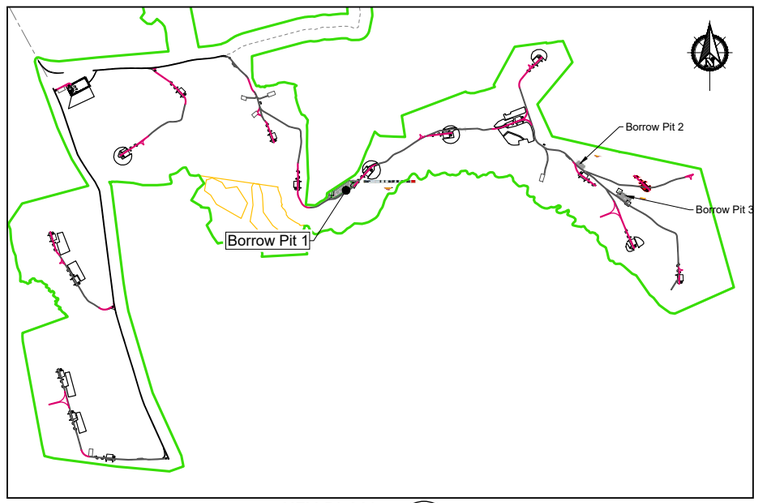
Existing Ground Level	236.958	238.162	239.611	240.684	241.616	242.467	243.133	243.775	244.000	244.000	244.000	244.000
Existing Peat	236.123	237.302	238.734	239.787	240.906	241.950	242.808	243.642	243.986	243.792	244.000	244.000
Existing Rock							238.000	238.000	238.000	238.000		
Borrow Pit	**236.958**	**238.162**	**239.611**	**240.684**	**241.616**	**242.467**	**243.133**	**243.775**	**244.000**	**244.000**	**244.000**	**244.000**

SECTION

1:250

BP1

-



KEY PLAN

1:25000

-

-

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P02	FOR INFORMATION	BDH	30.06.26

PROJECT

CRUMHACH WIND FARM

CLIENT

MKO

SHEET

BORROW PIT 1 PLAN AND SECTION

Date 30.06.26	Project number P23-240	Scale (@ A1) 1:500	
Drawn by SK	Drawing Number P23-240-0600-0015 (Sheet set subset 0600)		Rev P02
Checked by IH			

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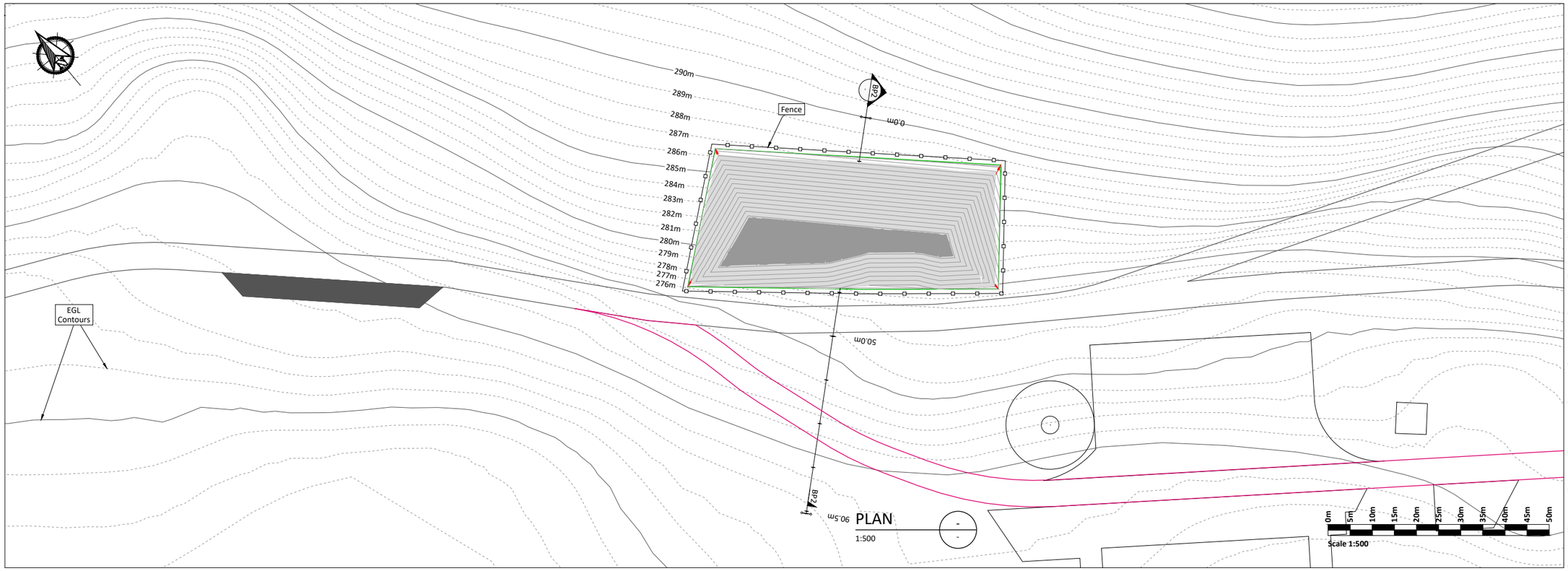
2 July 2026



PLAN
1:500
-
-

Legend:

- EIAR Study Boundary
- Proposed Turbine & Hardstanding
- Proposed Access Track
- Existing Access Track to be Upgraded
- Existing Access Tracks
- Proposed Passing Bay

Borrow Pit Construction Notes:

(1) It is proposed to construct the borrow pit so that the base of the borrow pit is below the level of the adjacent section of access road.

(2) Slopes within the excavated rock formed around the perimeter of the borrow pit will be formed at stable inclinations to suit local in-situ rock conditions.

(3) Infilling of the peat & spoil will commence at the back edge of the borrow pit and progress towards the borrow pit entrance/rock buttress. Excavation and infilling of the borrow pit will need to be sequenced and programmed.

(4) The contractor excavating the rock will sequence the borrow pit construction in a way which will allow the excavated peat & spoil to be reinstated safely.

(5) The surface of the placed spoil will be shaped to allow efficient run-off of surface water from the placed arising's. The finished surface of the spoil cells will have a maximum grade of 15 degrees.

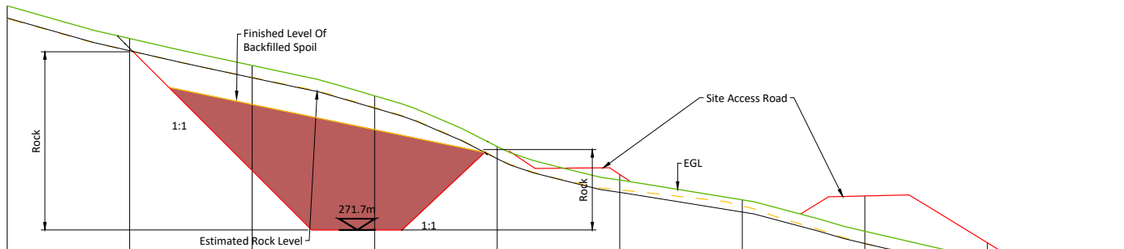
(6) Control of groundwater within the borrow pit will be required and measures will be determined as part of the ground investigation programme.

(7) An interceptor drain will be installed around the upslope side of the borrow pit to capture surface water flow and divert it around the borrow pit.

(8) A perimeter drain will be installed around the individual cells, which will outfall to a settlement pond on the downslope side of the borrow pit (not shown on plan).

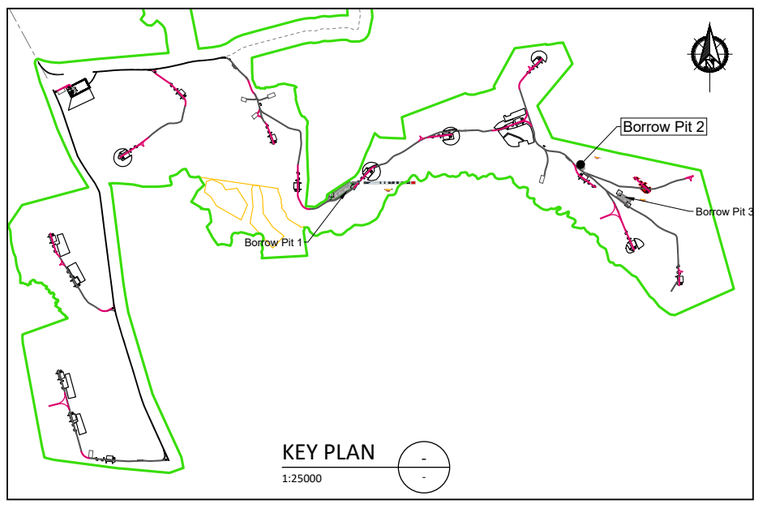
(9) All the above-mentioned general guidelines and requirements will be confirmed by the designer prior to construction.

(10) Further guidelines on the construction of the borrow pit is included within Section 7.5 of the Peat & Spoil Management Plan.



Chainage	0.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.500
Existing Ground Level	290.000	287.327	285.123	283.644	278.510	275.768	274.156	271.589	269.445	267.893
Existing Peat	288.956	286.313	284.155	281.696	277.551	274.971	273.600	270.602	268.096	266.171
Existing Rock	289.000	286.327	284.123	281.644	277.510	274.768	273.156	270.589	268.445	266.893
Borrow Pit		286.324	276.944	271.700						266.893

SECTION
1:250
BP2
-



KEY PLAN
1:25000
-
-

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Rev.	Description	App By	Date
P01	FOR INFORMATION	BDH	09.04.26
P02	FOR INFORMATION	BDH	30.06.26

PROJECT
CRUMHACH WIND FARM

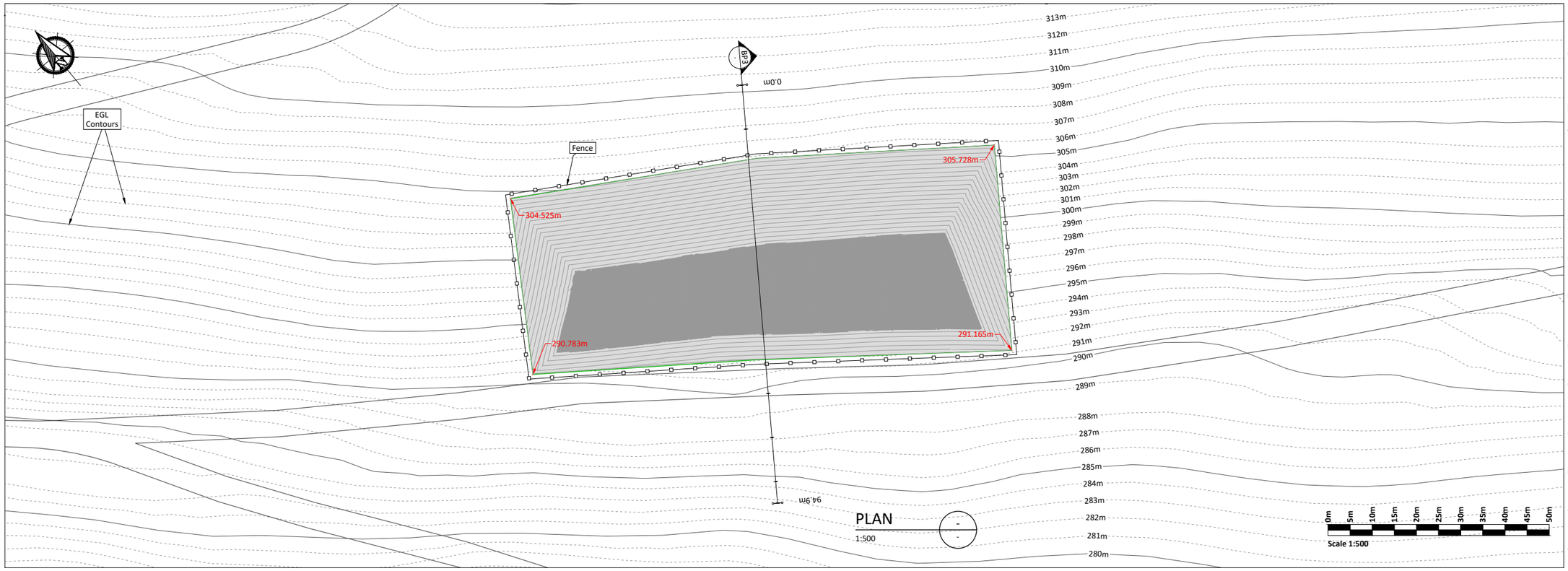
CLIENT
MKO

SHEET
BORROW PIT 2 PLAN AND SECTION

Date 30.06.26	Project number P23-240	Scale (@ A1) 1:500	
Drawn by SK	Drawing Number P23-240-0600-0016 (Sheet set subset 0600)		Rev P02
Checked by IH			

O:\ACAD\2023\P23-240\P23-240-0600-0016

2 July 2026



PLAN
1:500

0m 5m 10m 15m 20m 25m 30m 35m 40m 45m 50m
Scale 1:500

Legend:

- EIAR Study Boundary
- Proposed Turbine & Hardstanding
- Proposed Access Track
- Existing Access Track to be Upgraded
- Existing Access Tracks
- Proposed Passing Bay

Borrow Pit Construction Notes:

(1) It is proposed to construct the borrow pit so that the base of the borrow pit is below the level of the adjacent section of access road.

(2) Slopes within the excavated rock formed around the perimeter of the borrow pit will be formed at stable inclinations to suit local in-situ rock conditions.

(3) Infilling of the peat & spoil will commence at the back edge of the borrow pit and progress towards the borrow pit entrance/rock buttress. Excavation and infilling of the borrow pit will need to be sequenced and programmed.

(4) The contractor excavating the rock will sequence the borrow pit construction in a way which will allow the excavated peat & spoil to be reinstated safely.

(5) The surface of the placed spoil will be shaped to allow efficient run-off of surface water from the placed arising's. The finished surface of the spoil cells will have a maximum grade of 15 degrees.

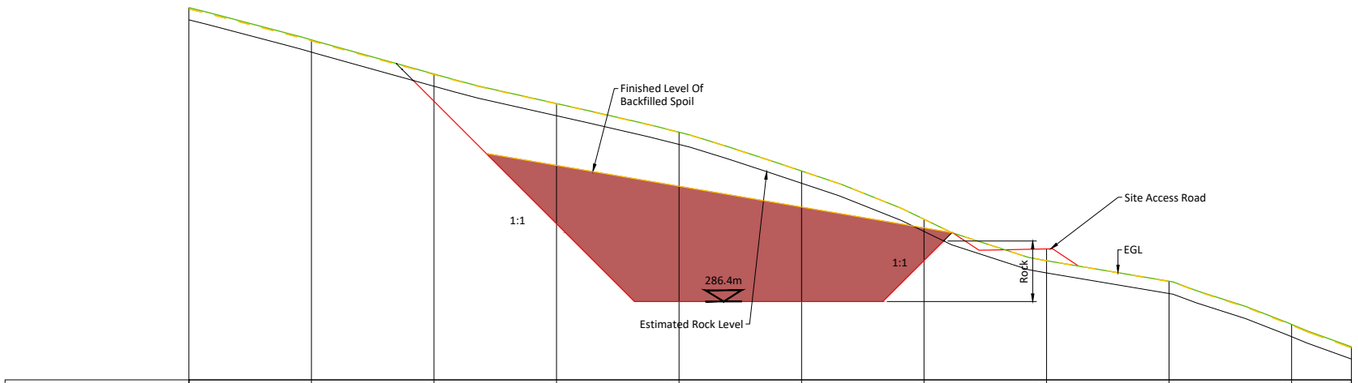
(6) Control of groundwater within the borrow pit will be required and measures will be determined as part of the ground investigation programme.

(7) An interceptor drain will be installed around the upslope side of the borrow pit to capture surface water flow and divert it around the borrow pit.

(8) A perimeter drain will be installed around the individual cells, which will outfall to a settlement pond on the downslope side of the borrow pit (not shown on plan).

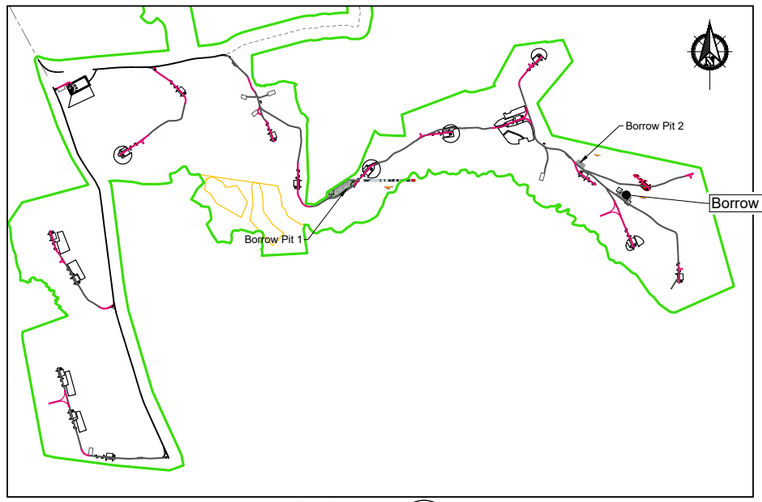
(9) All the above-mentioned general guidelines and requirements will be confirmed by the designer prior to construction.

(10) Further guidelines on the construction of the borrow pit is included within Section 7.5 of the Peat & Spoil Management Plan.



Chainage	0.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	94.879
Existing Ground Level	310.389	307.752	304.969	302.560	300.222	297.054	293.115	289.729	288.052	284.527	282.705
Existing Peat	310.275	307.672	304.922	302.532	300.202	297.041	293.110	289.729	288.025	284.458	282.614
Existing Rock	309.389	306.752	303.969	301.560	299.222	296.054	292.115	288.729	287.052	283.527	281.705
Borrow Pit			302.747	299.761	296.400	296.400	289.750				

SECTION
1:250
BP3
-



KEY PLAN
1:25000
-
-

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Rev.	Description	App By	Date
P01	FOR INFORMATION	BDH	09.04.26
P02	FOR INFORMATION	BDH	30.06.26

PROJECT
CRUMHACH WIND FARM

CLIENT
MKO

SHEET
BORROW PIT 3 PLAN AND SECTION

Date 30.06.26	Project number P23-240	Scale (@ A1) 1:500	
Drawn by SK	Drawing Number P23-240-0600-0017		Rev P02
Checked by IH	(Sheet set subset 0600)		

O:\ACAD\2023\P23-240\P23-240-0600-0017

2 July 2026



PLAN

Scale 1:1000

Legend:

- EIAR Study Boundary
- Proposed Turbine & Hardstanding
- Proposed Access Track
- Existing Access Track to be Upgraded
- Existing Access Tracks
- Proposed Passing Bay
- Proposed Temporary Compound
- Decommissioned Turbine Area
- Proposed Peat & Spoil Management Areas
- Proposed Borrow Pit
- Proposed Enhancement Area

Construction Peat & Spoil Managment Area Notes:

(1) An interceptor drain will also be installed upslope of the peat repository areas.

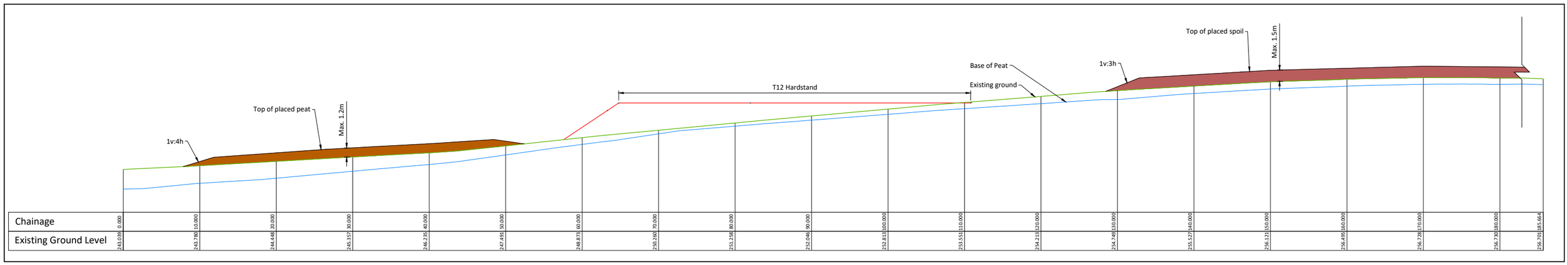
(2) A silting pond will be required at the lower side of the peat repository areas.

(3) It is important that the surface of the stored peat be shaped to allow efficient run-off of water from the stored spoil.

(4) Supervision by a geotechnical engineer or appropriately competent person is recommended for the construction of the peat repository area.

(5) All the above-mentioned general guidelines and requirements will be implemented during construction.

(6) Further guidelines on the construction of the peat storage area are included within Section 7.6 of the Peat & Spoil Management Plan.



SECTION D-D

Scale 1:250

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Rev.	Description	App By	Date
P01	FOR INFORMATION	BDH	09.04.26
P02	FOR INFORMATION	BDH	30.06.26

PROJECT: CRUMHACH WIND FARM

CLIENT: MKO

SHEET: PEAT & SPOIL MANAGEMENT AREAS

Date: 30.06.26	Project number: P23-240	Scale (@ A1): 1:1000	
Drawn by: SK	Drawing Number: P23-240-0600-0018 (Sheet set subset 0600)		Rev: P02
Checked by: IH			

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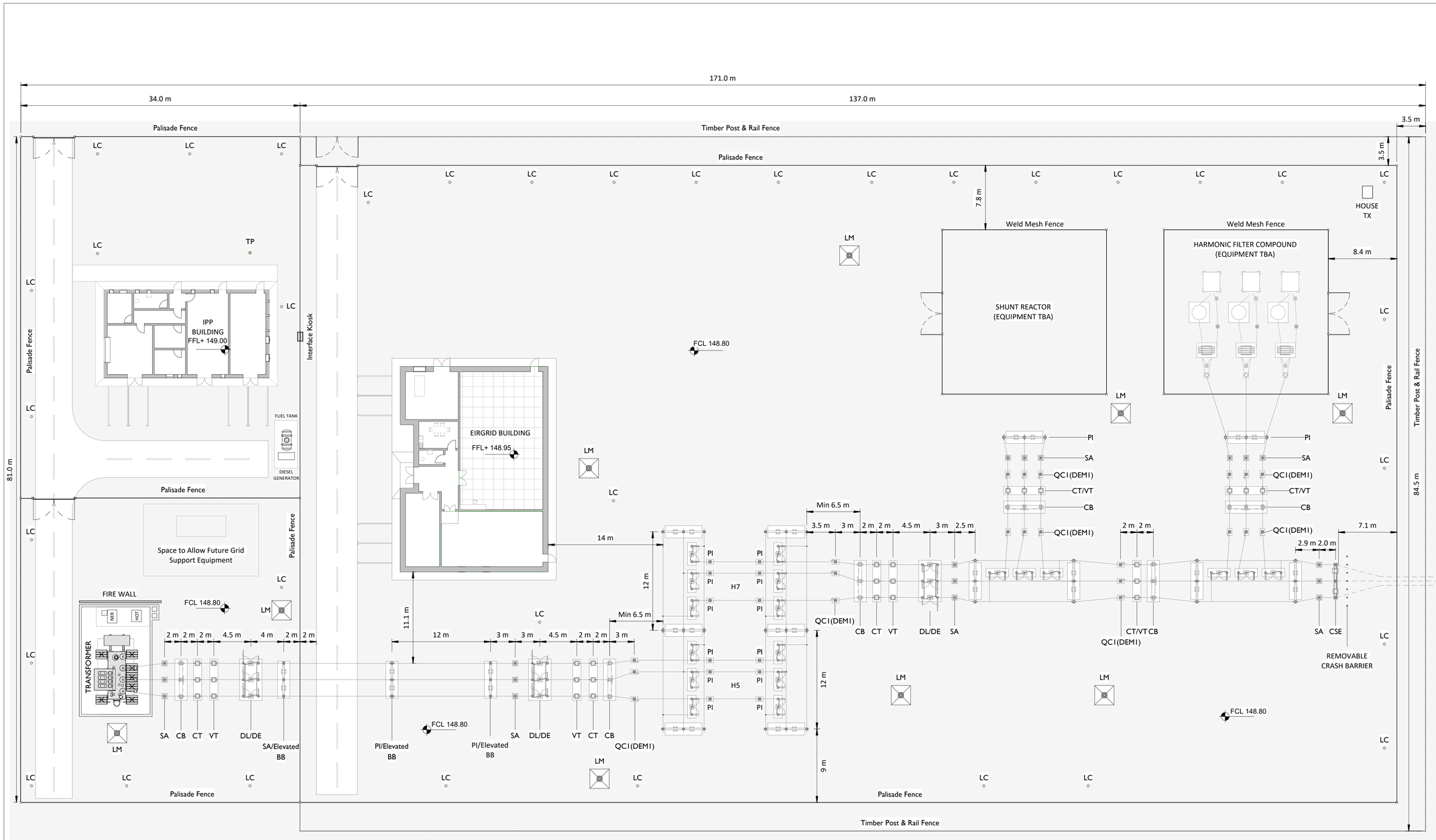
2 July 2026

ISO A1 594mm x 841mm



Substation compound Layout Plan

Scale:1 : 250

	Description
SA	Surge Arrester
DL/DE	Line / Earth Disconnect
CT	Current Transformer
VT	Voltage Transformer
CB	Circuit Breaker
CSE	Cable Sealing End
LM	Lightning Mast
PI	Post Insulator
LC	Lighting Column
TP	Telecoms Pole
QB9(DL)	Line Disconnect
QB91(DT1) QB92(DT2)	Trafo Disconnect
QC9(DE) QC1(DEM1) QC3(DEM3) QC5(DEM5) QC6(DEM6) QC7(DEM7) QC8(DEM8) QC9(DEM4)	Bay Earth Switches

1:250
5m 0 5m 10m 15m 20m 25m

Project Management Initials:
Designer: LP
Checked: TOC
Approved: KC

tli GROUP

Head Office
Beenreigh,
Abbeydorney,
Tralee, Co. Kerry
Ireland
Tel: 00353 66 7135710

PROJECT

Crumhach Wind Farm
110 kV Grid Connection

CLIENT

SSE Renewables

CONSULTANTS

MKO

NOTES: -

1. Layout and Arrangements of Substation Building and Electrical Equipment is shown indicatively and for illustration purposes only.
2. Any additional design, harmonic or reactive compensation requirements are to be confirmed with EirGrid prior to planning.
3. Dimensions shown are as per current EirGrid Specifications at the time of submission. Dimensions may vary at time of construction to reflect any revisions to EirGrid specifications.
4. Final Specifications of Buildings and Electrical Equipment is to be as per Eirgrid Specifications.
5. The Elevation of the Compound will be depicted by localized Topography such that Cut/Fill Earthworks associated with the construction of the Compound are balanced.

LEGEND: -

ISSUE/REVISION

P1	04.08.2026	Issued for Planning
P0	12.06.2026	Issued for Planning
N3	19.02.26	Issued for Information
N2	19.11.25	Issued for Information
N3	15.10.25	Issued for Information
I/R	DATE	DESCRIPTION

PROJECT NUMBER

05-1071

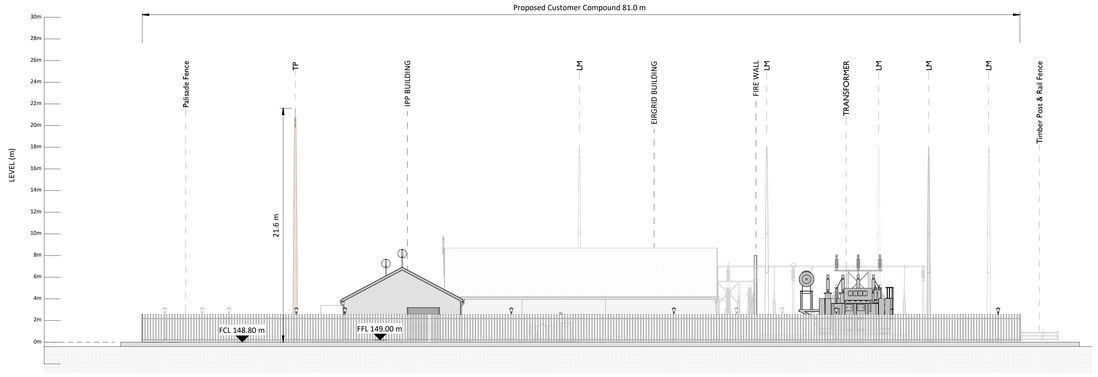
SHEET TITLE

Substation compound Layout Plan

SHEET NUMBER

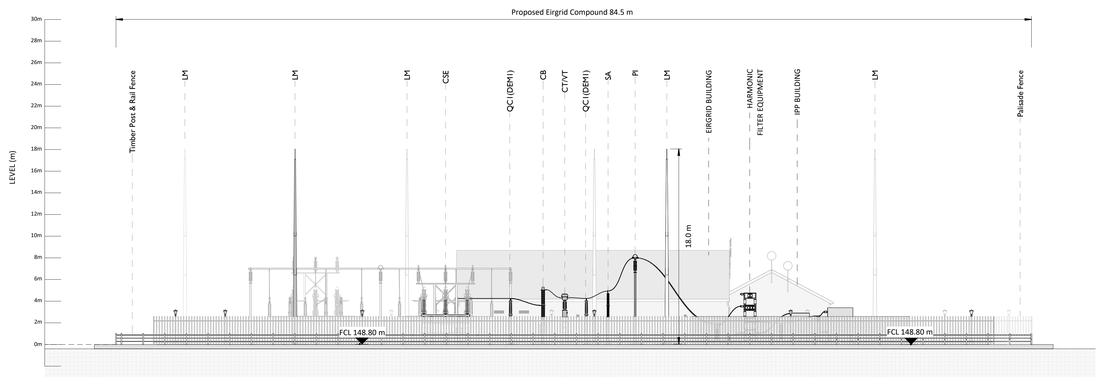
051071-DR-100

ISO A0 841mm x 1189mm



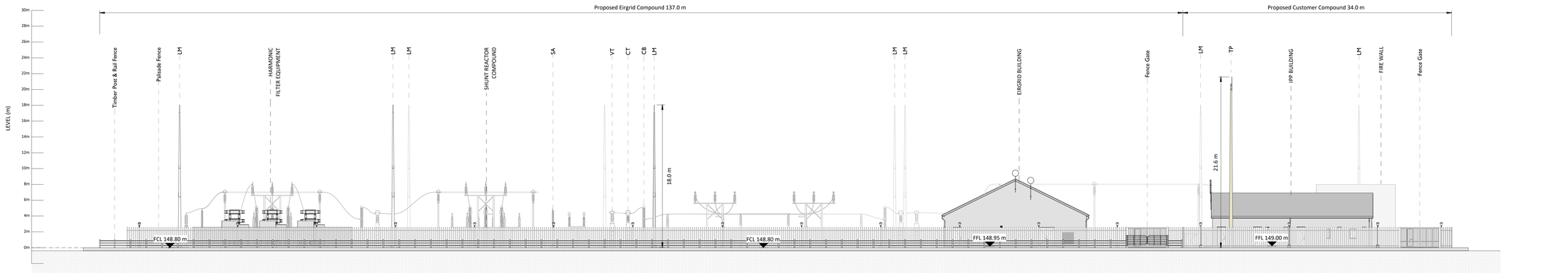
Elevation A

Scale: 1 : 200



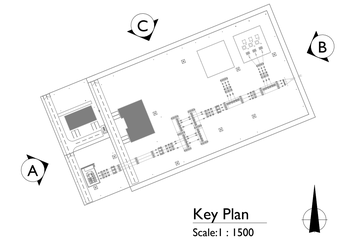
Elevation B

Scale: 1 : 200



Elevation C

Scale: 1 : 200



Key Plan

Scale: 1 : 1500

1:200

4m 0 4m 8m 12m 16m 20m

Project Management Initials: Designer: LP Checked: TOC Approved: KC

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Tel: 00353 66 7135710

PROJECT

Crumhach Wind Farm
110 kV Grid Connection

CLIENT

SSE Renewables

CONSULTANTS

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NOTES: -

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LEGEND: -

	Description
SA	Surge Arrester
DL/DE	Line / Earth Disconnect
CT	Current Transformer
VT	Voltage Transformer
CB	Circuit Breaker
CSE	Cable Sealing End
LM	Lightning Mast
PI	Post Insulator
LC	Lighting Column
TP	Telecoms Pole
QB9(DL)	Line Disconnect
QB91(DT1) QB92(DT2)	Trafo Disconnect
QC9(DE) QC1(DEM1) QC3(DEM3) QC5(DEM5) QC6(DEM6) QC7(DEM7) QC8(DEM8) QC9(DEM4)	Bay Earth Switches

ISSUE/REVISION

I/R	DATE	DESCRIPTION
P1	04.08.2026	Issued for Planning
P0	12.06.2026	Issued for Planning
N0	19.02.2026	Issued for Information

KEY PLAN

PROJECT NUMBER

05-1071

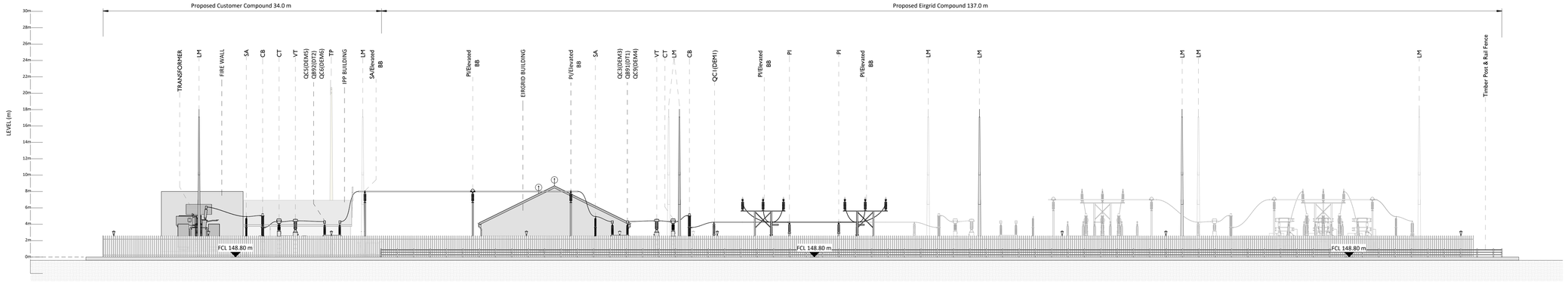
SHEET TITLE

Compound Elevations

SHEET NUMBER

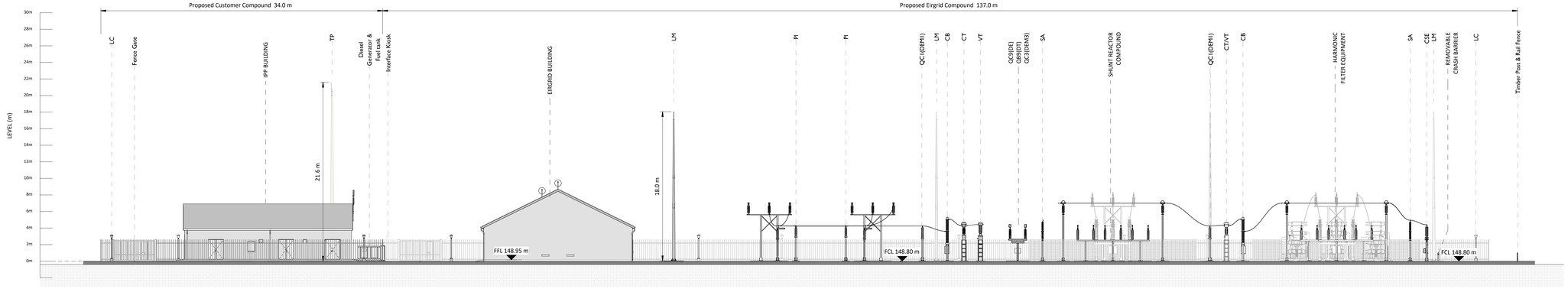
051071-DR-101

ISO A0 841mm x 1189mm



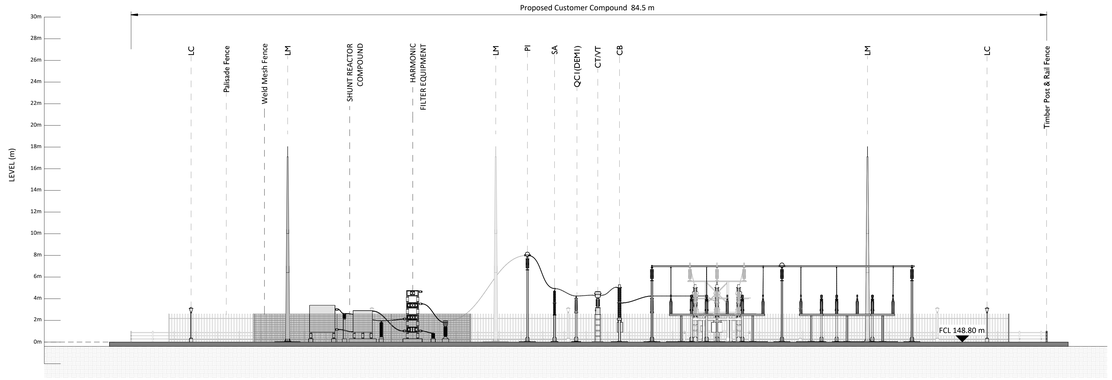
Elevation D

Scale: 1 : 200



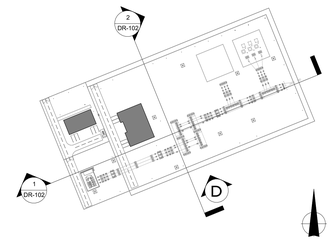
Section 1

Scale: 1 : 200



Section 2

Scale: 1 : 200



Key Plan

Scale: 1 : 1500

1:200

4m 0 4m 8m 12m 16m 20m

Project Management Initials: Designer: LP Checked: TOC Approved: KC

Head Office
Beenreigh,
Abbeydorney,
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Tel: 00353 66 7135710

PROJECT

Crumhach Wind Farm
110 kV Grid Connection

CLIENT

SSE Renewables

CONSULTANTS

NOTES: -

1. Layout and Arrangements of Substation Building and Electrical Equipment is shown indicatively and for illustration purposes only.
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5. The Elevation of the Compound will be depicted by localized Topography such that Cut/Fill Earthworks associated with the construction of the Compound are balanced.

LEGEND: -

	Description
SA	Surge Arrester
DL/DE	Line / Earth Disconnect
CT	Current Transformer
VT	Voltage Transformer
CB	Circuit Breaker
CSE	Cable Sealing End
LM	Lightning Mast
PI	Post Insulator
LC	Lighting Column
TP	Telecoms Pole
QB9(DL)	Line Disconnect
QB91(DT1) QB92(DT2)	Trafo Disconnect
QC9(DE) QC1(DEM1) QC3(DEM3) QC5(DEM5) QC6(DEM6) QC7(DEM7) QC8(DEM8) QC9(DEM4)	Bay Earth Switches

ISSUE/REVISION

P1	04.08.2026	Issued for Planning
P0	12.06.2026	Issued for Planning
N0	19.02.2026	Issued for Information
I/R	DATE	DESCRIPTION

KEY PLAN

PROJECT NUMBER

05-1071

SHEET TITLE

Compound Elevations and Sections

SHEET NUMBER

051071-DR-102

ISO A1 594mm x 841mm

Map Series:
Prime Data Vector

ITM Centre Point Co-ordinate:
X,Y = 543618.2694, 829072.8118

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LOUGH EASKY TR PL

CROWAGH or DUNNEILL MOUNTAIN

Proposed Access Road

50m

33m

For Substation detail, please refer to Drawing No. 051071-DR-100

Proposed Access Road

Temporary Construction Compound

Peat & Spoil Management Area

113m

1:1000
20m 0 20m 40m 60m 80m 100m

Site Layout Plan - Crumhach Substation Area
Scale: 1:1000

Project Management Initials: Designer: AR Checked: TOC Approved: KC

tli GROUP

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RG24 8UP, UK
Tel: 00 44 1256406664

PROJECT

Crumhach Wind Farm
110 kV Substation

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NOTES: -

- This drawing is to be used only for the purpose of the planning application and is subject to detailed design.
- Services shown are indicative and additional service may be present on site
- Civil design details (Compound levels, Access road designs etc.) designed and prepared by others and shown here for completeness only. TLI Group has not reviewed or approved this design and accepts no responsibility for its accuracy or compliance. Refer to the consultant's drawings and documentation for full details.

LEGEND: -

- Planning Boundary shown thus
- Existing ESB OHL MV Network
- Existing EIR OHL
- Watermain Line
- River Network
- Peat & Spoil Management Area
- Temporary Construction Compound
- Public Road Area
- Proposed Access Road Area
- Earthworks, Cut Area
- Earthworks, Fill Area

ISSUE/REVISION

I/R	DATE	DESCRIPTION
P2	04.08.26	Issued for Planning
P1	16.06.26	Issued for Planning
P0	12.06.26	Issued for Planning

PROJECT NUMBER

05-1071

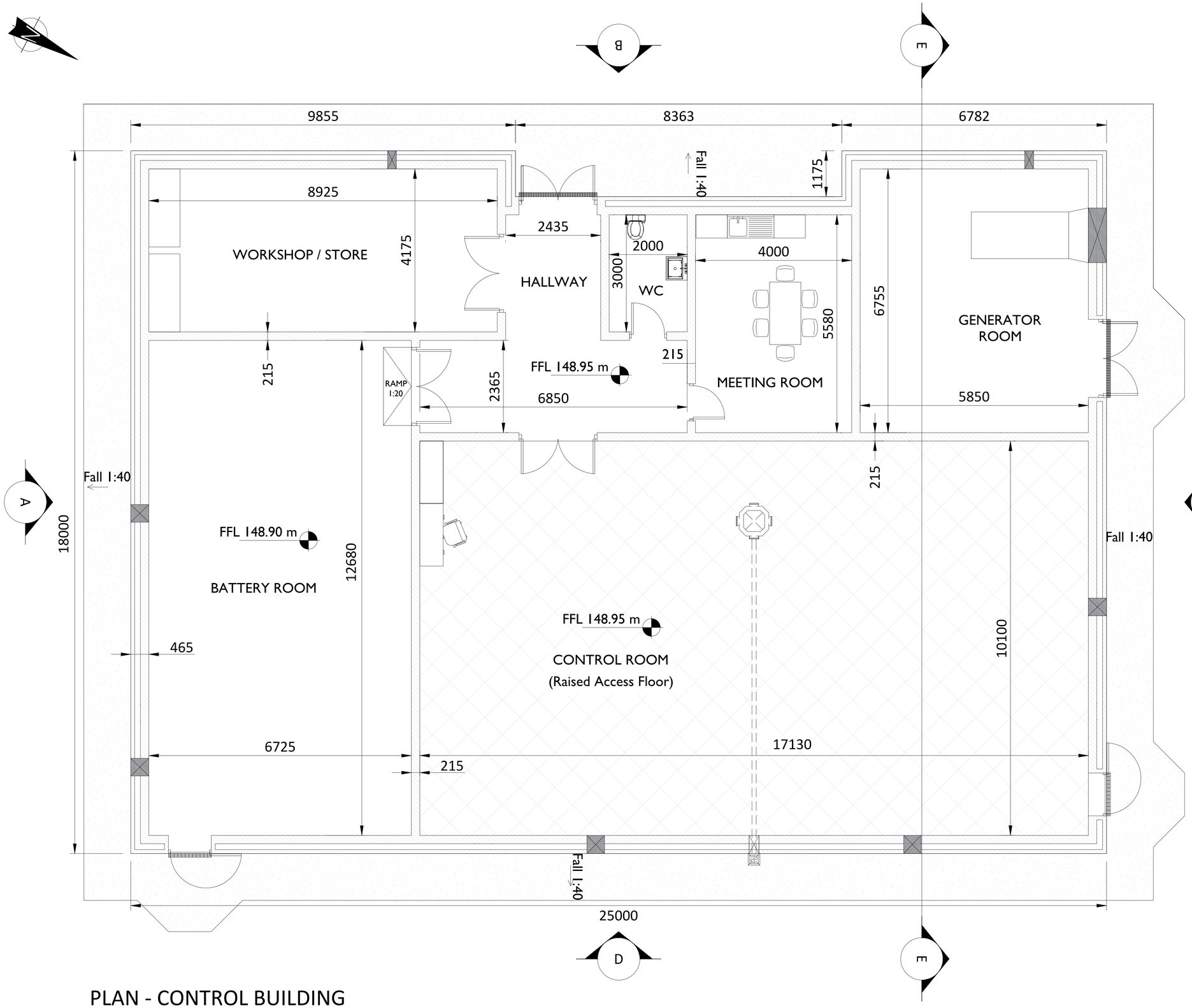
SHEET TITLE

Site Layout Plan
Crumhach Substation Area

SHEET NUMBER

051071-DR-105

ISO A1 594mm x 841mm



PLAN - CONTROL BUILDING

Scale: 1:50

Project Management Initials: Designer: AR Checked: TOC Approved: KC

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Tel: 00 44 1256406664

PROJECT

Crumhach Wind Farm

110 kV Grid Connection

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SSE Renewables

CONSULTANTS

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NOTES: -

1. Layout and Arrangements of Substation Building and Electrical Equipment is shown Indicatively for Illustration purposes only.
2. Dimensions are in millimeters unless otherwise stated.
3. Dimensions shown are as per current EirGrid Specifications at the time of submission. Dimensions may vary at time of construction to reflect any revisions to EirGrid Specifications.
4. Final Specifications of Buildings and Electrical Equipment is to be as per EirGrid Specifications.

LEGEND: -

Levels on Plans shown thus FFL 148.95 m

ISSUE/REVISION

I/R	DATE	DESCRIPTION
P0	12.06.2026	Issued For Planning
N1	17.12.2025	For Information

PROJECT NUMBER

05-1071

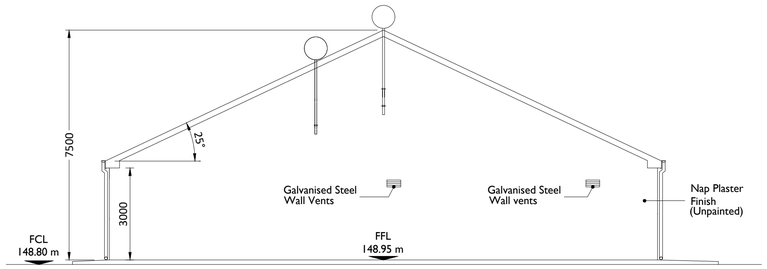
SHEET TITLE

Control Building
Ground Floor Layout Plan
Sheet 1 of 3

SHEET NUMBER

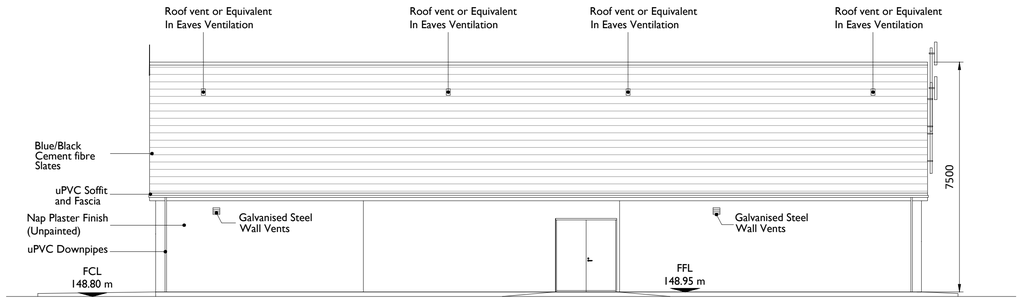
051071-DR-110

ISO A1 594mm x 841mm



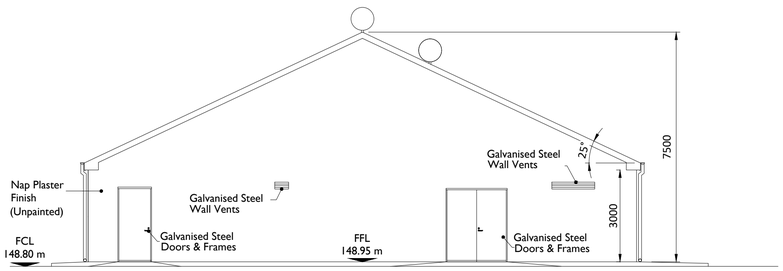
ELEVATION A

Scale: 1:100



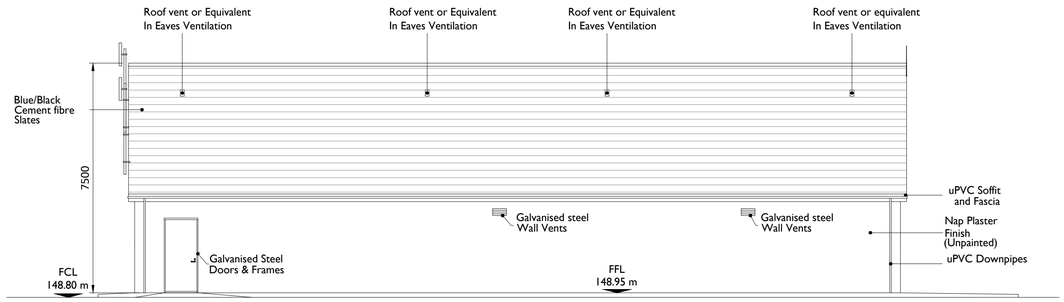
ELEVATION B

Scale: 1:100



ELEVATION C

Scale: 1:100



ELEVATION D

Scale: 1:100

Project Management Initials: Designer: AR Checked: TOC Approved: KC

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Tralee, Co. Kerry
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Tel: 00353 66 7135710

Regional Office
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Stroudley Road, Basingstoke,
Hampshire,
RG24 8UP, UK
Tel: 00 44 1256406664

PROJECT

Crumhach Wind Farm

110 kV Grid Connection

CLIENT

SSE Renewables

CONSULTANTS

MKO

NOTES: -

1. Layout and Arrangements of Substation Building and Electrical Equipment is shown Indicatively for Illustration purposes only.
2. Dimensions are in millimeters unless otherwise stated.
3. Dimensions shown are as per current EirGrid Specifications at the time of submission. Dimensions may vary at time of construction to reflect any revisions to EirGrid Specifications.
4. Final Specifications of Buildings and Electrical Equipment is to be as per EirGrid Specifications.

LEGEND: -

Levels on Elevations / Section shown thus FFL 148.95 m / FCL 148.80 m

ISSUE/REVISION

I/R	DATE	DESCRIPTION
P0	12.06.2026	Issued For Planning
N1	17.12.2025	For Information

PROJECT NUMBER

05-1071

SHEET TITLE

Control Building
Building Elevations
Sheet 2 of 3

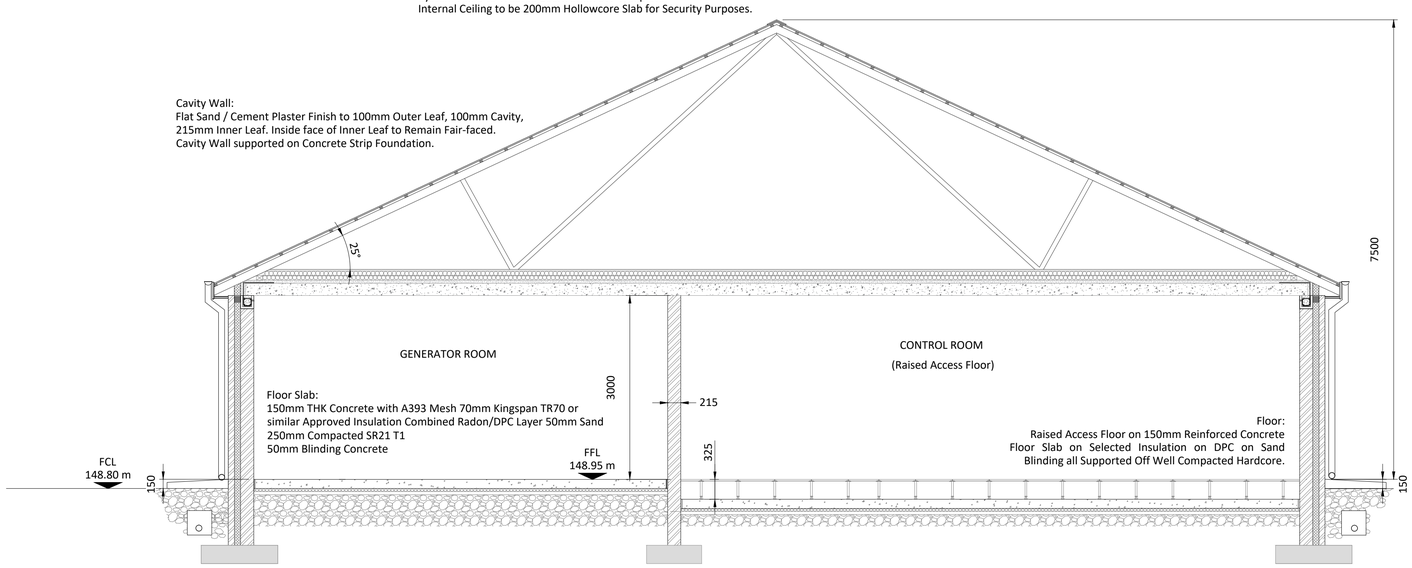
SHEET NUMBER

051071-DR-111

ISO A1 594mm x 841mm

Roof Construction:
Rood Slate on, Treated SW Roof Battens on,
Selected Breather Membrane on selected SW Prefabricated Roof Truss
System Fixed to Treated 100X75mm SW Wallplate.
Internal Ceiling to be 200mm Hollowcore Slab for Security Purposes.

Cavity Wall:
Flat Sand / Cement Plaster Finish to 100mm Outer Leaf, 100mm Cavity,
215mm Inner Leaf. Inside face of Inner Leaf to Remain Fair-faced.
Cavity Wall supported on Concrete Strip Foundation.



Floor Slab:
150mm THK Concrete with A393 Mesh 70mm Kingspan TR70 or
similar Approved Insulation Combined Radon/DPC Layer 50mm Sand
250mm Compacted SR21 T1
50mm Blinding Concrete

Floor:
Raised Access Floor on 150mm Reinforced Concrete
Floor Slab on Selected Insulation on DPC on Sand
Blinding all Supported Off Well Compacted Hardcore.

SECTION E-E

Scale: 1:50

Project Management Initials: Designer: AR Checked: TOC Approved: KC

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PROJECT

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05-1071

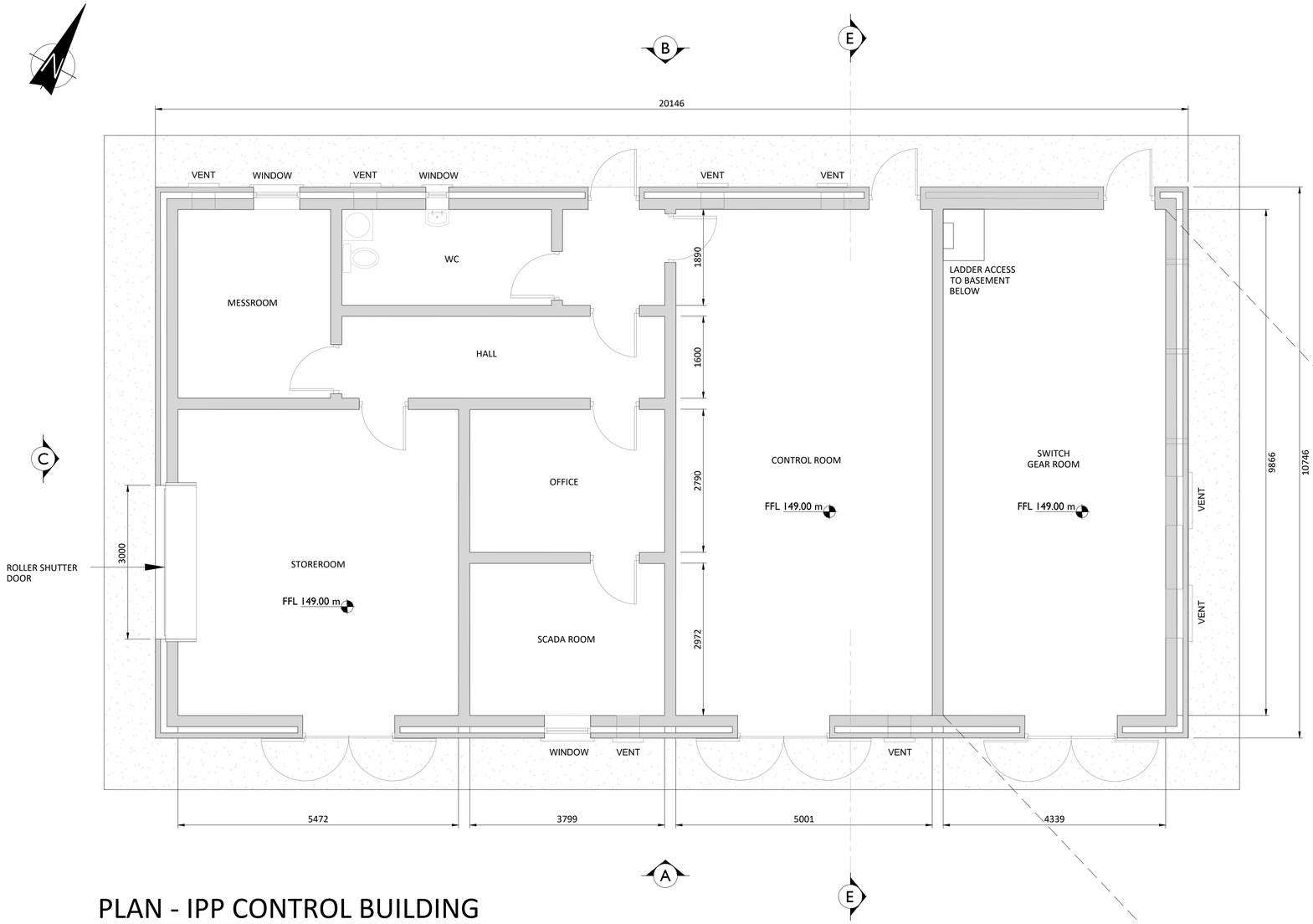
SHEET TITLE

Control Building
Building Section
Sheet 3 of 3

SHEET NUMBER

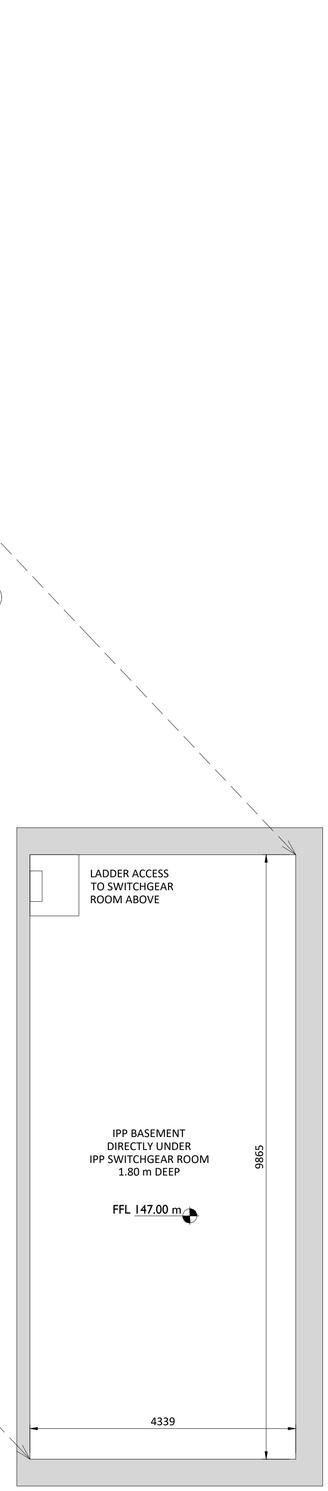
051071-DR-112

ISO A1 594mm x 841mm



PLAN - IPP CONTROL BUILDING

Scale: 1:50



BASEMENT IS REQUIRED TO ALLOW ACCESS TO EQUIPMENT FROM UNDER THE SWITCHGEAR ROOM.

BASEMENT PLAN

Scale: 1:50

Project Management Initials: Designer: AR Checked: TOC Approved: KC

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LEGEND: -

Levels on Elevations / Section shown thus FFL 149.00 m

ISSUE/REVISION

I/R	DATE	DESCRIPTION
P1	16.06.2026	Issued for Planning
P0	12.06.2026	Issued for Planning

PROJECT NUMBER

05-1071

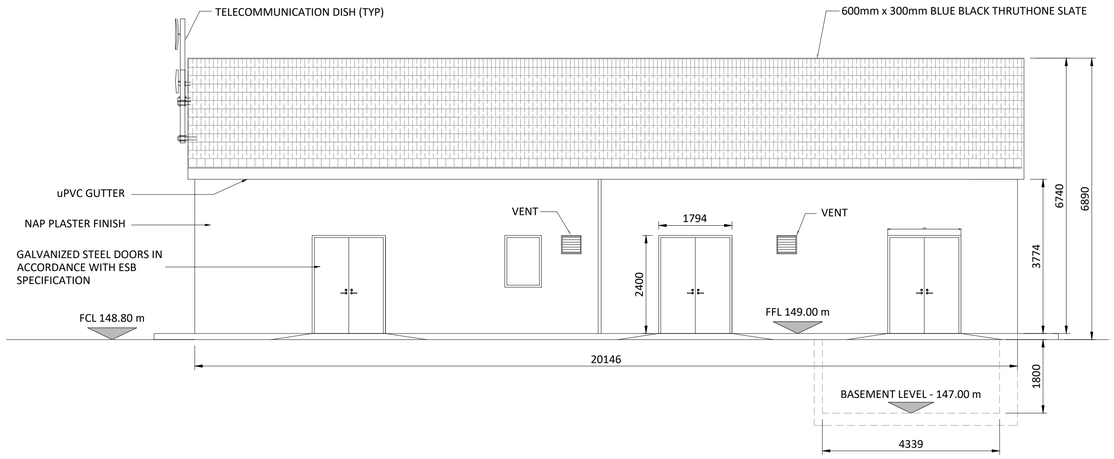
SHEET TITLE

IPP Control Building
Ground Floor Layout Plan
Sheet 1 of 3

SHEET NUMBER

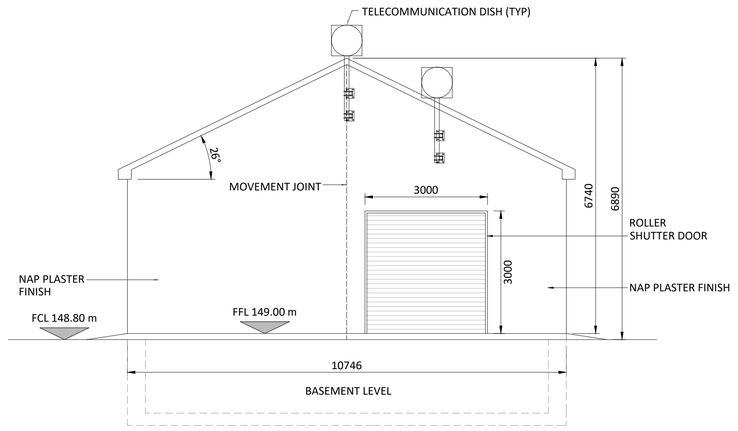
051071-DR-115

ISO A1 594mm x 841mm



ELEVATION A

Scale: 1:75



ELEVATION C

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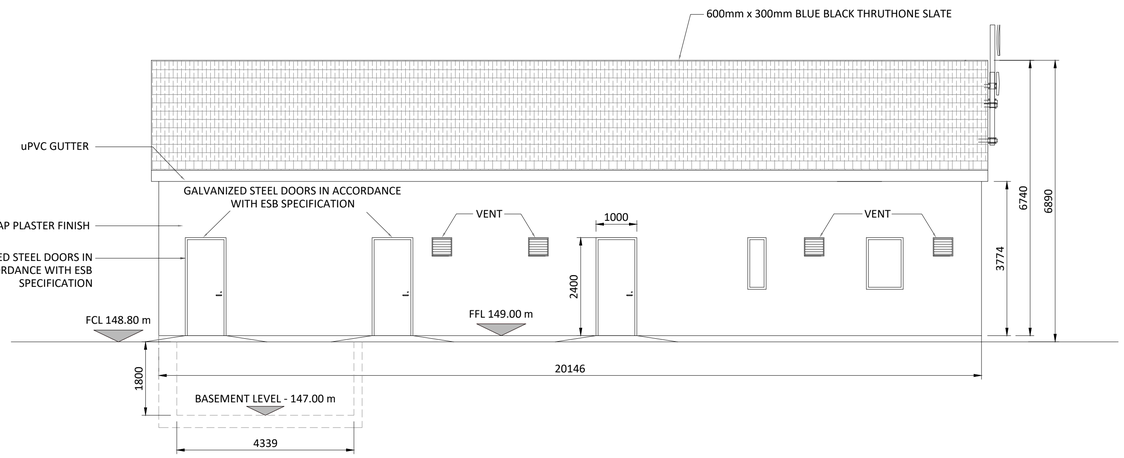

ELEVATION B

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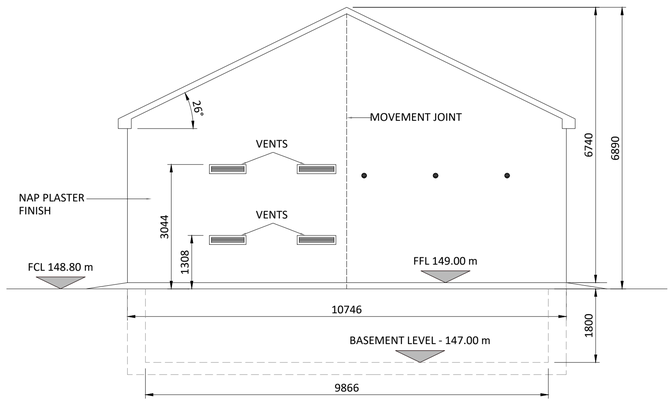

ELEVATION D

Scale: 1:75

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PROJECT

Crumhach Wind Farm

110 kV Grid Connection

CLIENT

SSE Renewables

CONSULTANTS

MKO

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LEGEND: -

Levels on Elevations / Section shown thus — FFL 149.00 m / FCL 148.80 m

ISSUE/REVISION

I/R	DATE	DESCRIPTION
P1	16.06.2026	Issued for Planning
P0	12.06.2026	Issued for Planning

PROJECT NUMBER

05-1071

SHEET TITLE

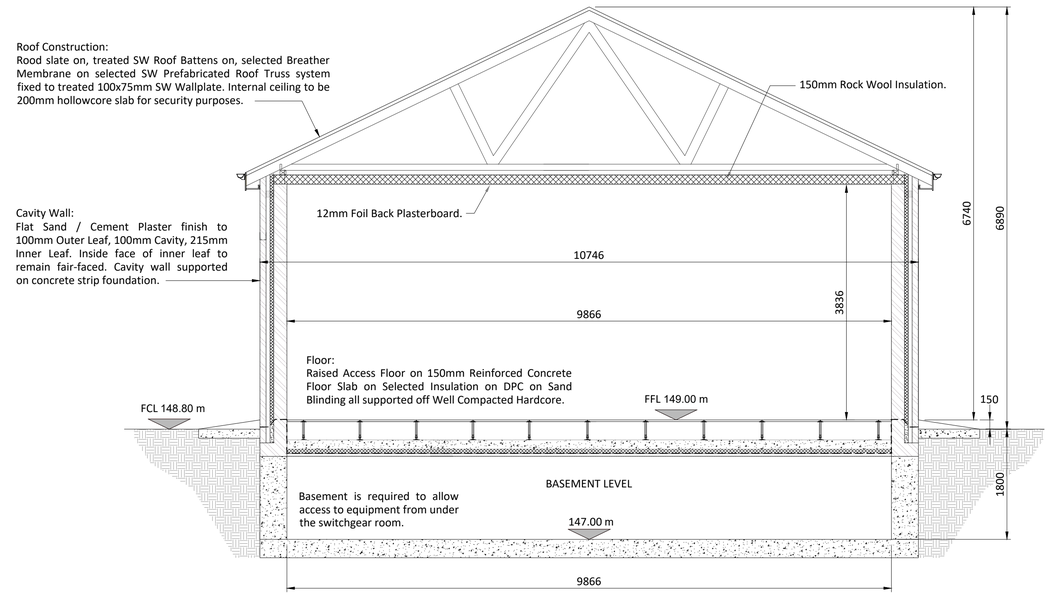
IPP Control Building
Building Elevations
Sheet 2 of 3

SHEET NUMBER

051071-DR-116

Project Management Initials: Designer: AR Checked: TOC Approved: KC

ISO A1 594mm x 841mm



SECTION E - E

Scale: 1:50

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P1	16.06.2026	Issued for Planning
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PROJECT NUMBER

05-1071

SHEET TITLE

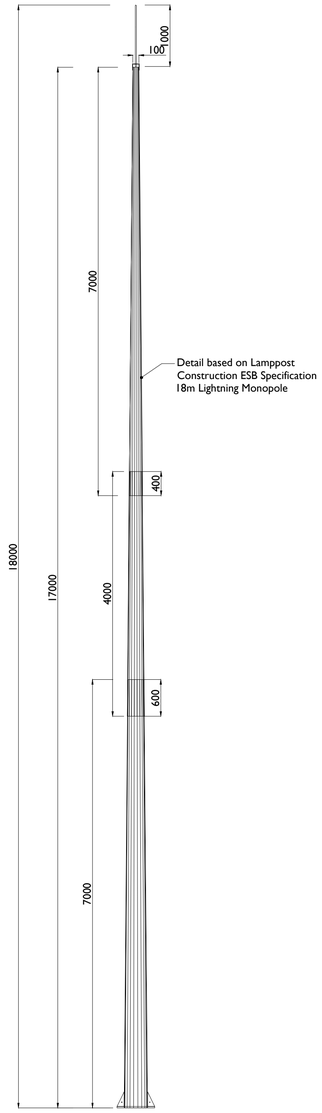
IPP Control Building
Building Section
Sheet 3 of 3

SHEET NUMBER

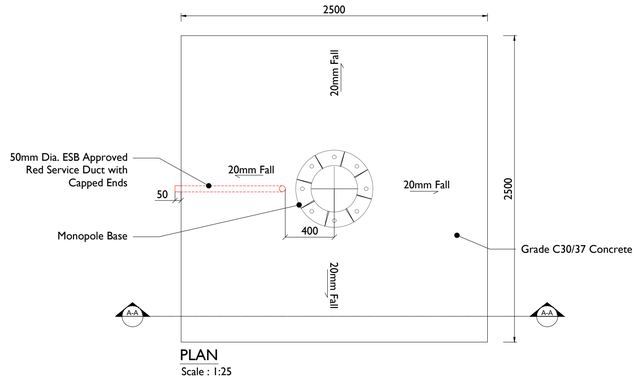
051071-DR-117

Project Management Initials: Designer: AR Checked: TOC Approved: KC

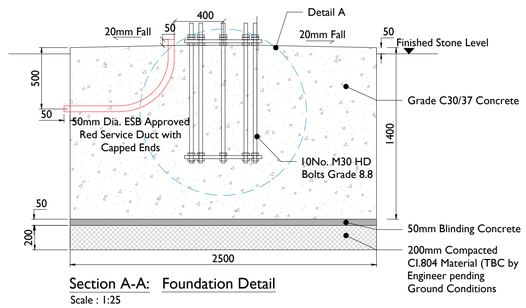
ISO A1 594mm x 841mm



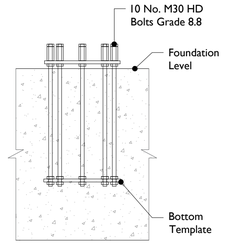
Monopole Details
Scale : 1:50



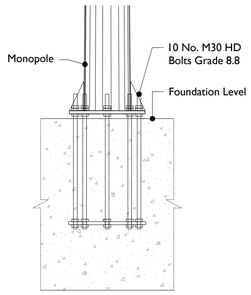
PLAN
Scale : 1:25



Section A-A: Foundation Detail
Scale : 1:25



Detail A
Scale : 1:25



Monopole Base Plate
To HDB Connection
Scale : 1:25

GENERAL NOTES:

1. ALL Drawings to be read in conjunction with the Specification and all Engineers and Architects Drawings.
2. All concrete to be in accordance with I.S. EN 206-1:2002 with the Mix Designs shown in Table 1
3. Concrete finishes to be in accordance with Table 6.1 of the ESBI Specification CS17-SO1-005.
4. ALL Reinforcement shall be in accordance with BS4449 and scheduled in accordance with BS.8666. 300mm Laps for A142 Mesh 600mm Min Laps for A393 Mesh.
5. Refer always to relevant Earth Grid drawing prior to excavations & concrete pours.
6. Geometrical tolerances to be in accordance with Table 6.2 of ESBI Specification CS17-S01-005

FOUNDATION NOTES:

7. Ground to have a minimum Bearing Capacity of 100 kN/m².
8. Formation level and Foundations to be inspected and approved by the Engineer prior to any Concrete being poured.
9. All Foundations are to be blinded immediately after excavation with 50mm of C16/20 Concrete Blinding.
10. Refer always to the relevant Earth Work Drawings prior to Excavations & Concrete pours.

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PROJECT

Crumhach Wind Farm
110 kV Grid Connection

CLIENT

SSE Renewables

CONSULTANTS

MKO

NOTES: -

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- Drawings are not to be scaled use figured dimensions only

LEGEND: -

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PLANNING ONLY

ISSUE/REVISION

I/R	DATE	DESCRIPTION
P1	20.11.2025	Issued for Planning

PROJECT NUMBER

05-1071

SHEET TITLE

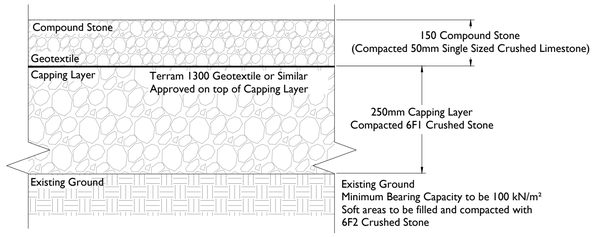
Wind Farm Substation
Lightning Monopole Details (18m Mast)

SHEET NUMBER

051071-DR-122

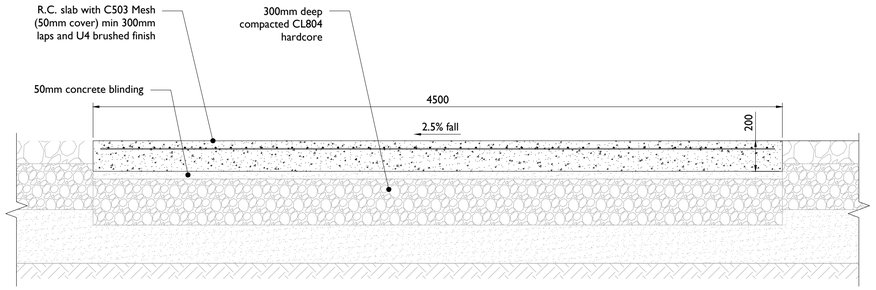
Project Management Initials: Designer: AR Checked: TOC Approved: KC

ISO A1 594mm x 841mm



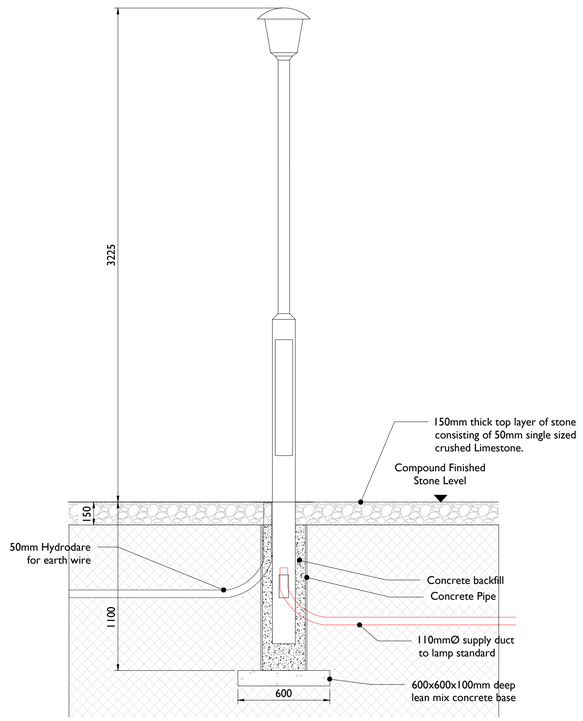
Typical Compound Detail

Scale 1:10



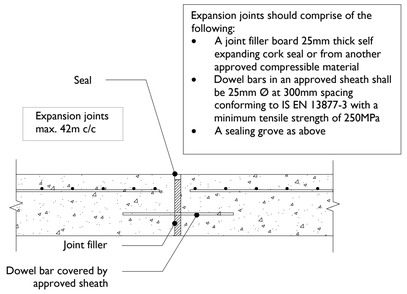
Typical Section - Concrete Access Road

Scale 1:20



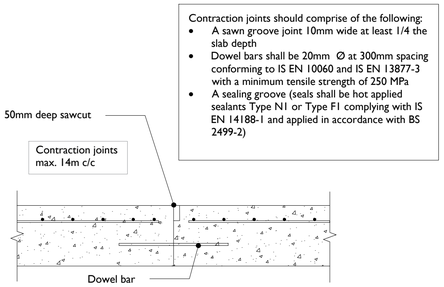
Lampost & Surround Detail

Scale 1:20



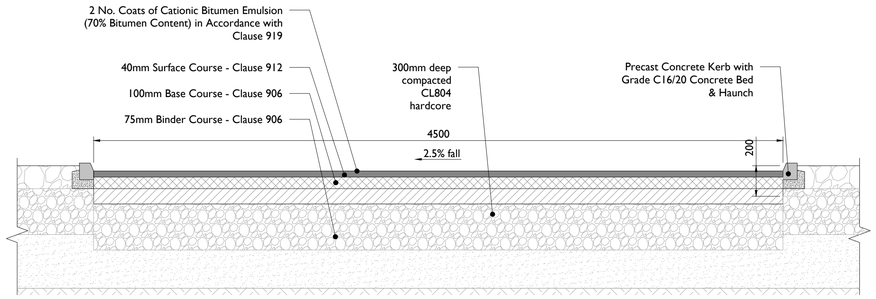
Concrete Access Road Expansion Joint

Scale 1:10



Concrete Access Road Contraction Joint

Scale 1:10



Typical Section - Asphalt Access Road

Scale 1:20

Project Management Initials: Designer: AR Checked: TOC Approved: KC

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PROJECT

Crumhach Wind Farm
110 kV Grid Connection

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SSE Renewables

CONSULTANTS

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NOTES: -

1. Notes as per drawing.

LEGEND: -

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I/R	DATE	DESCRIPTION
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PROJECT NUMBER

05-1071

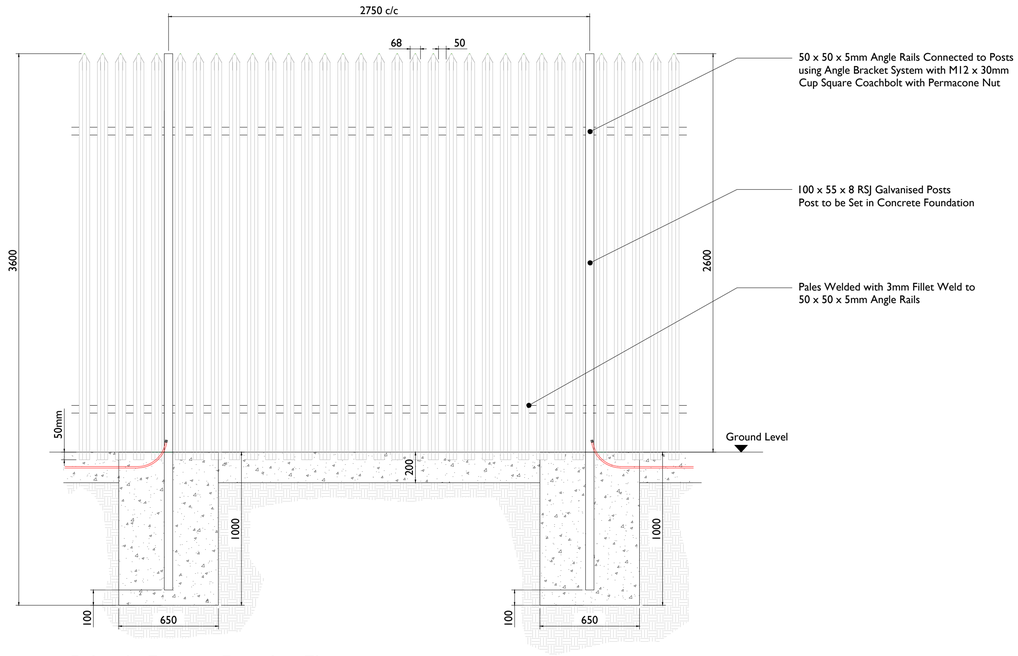
SHEET TITLE

Wind Farm Substation
Site Compound Details

SHEET NUMBER

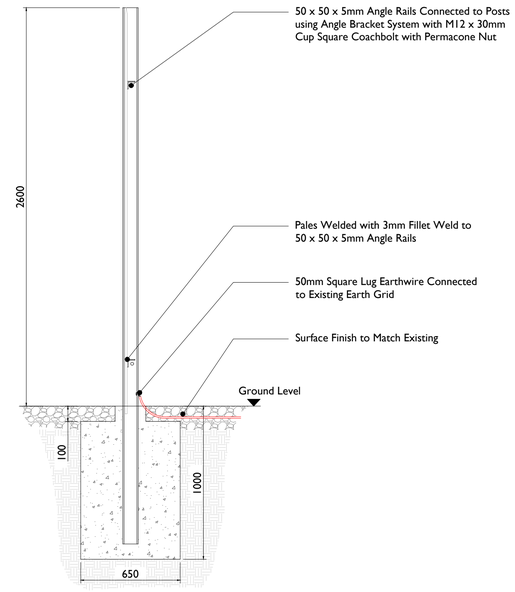
051071-DR-123

ISO A1 594mm x 841mm



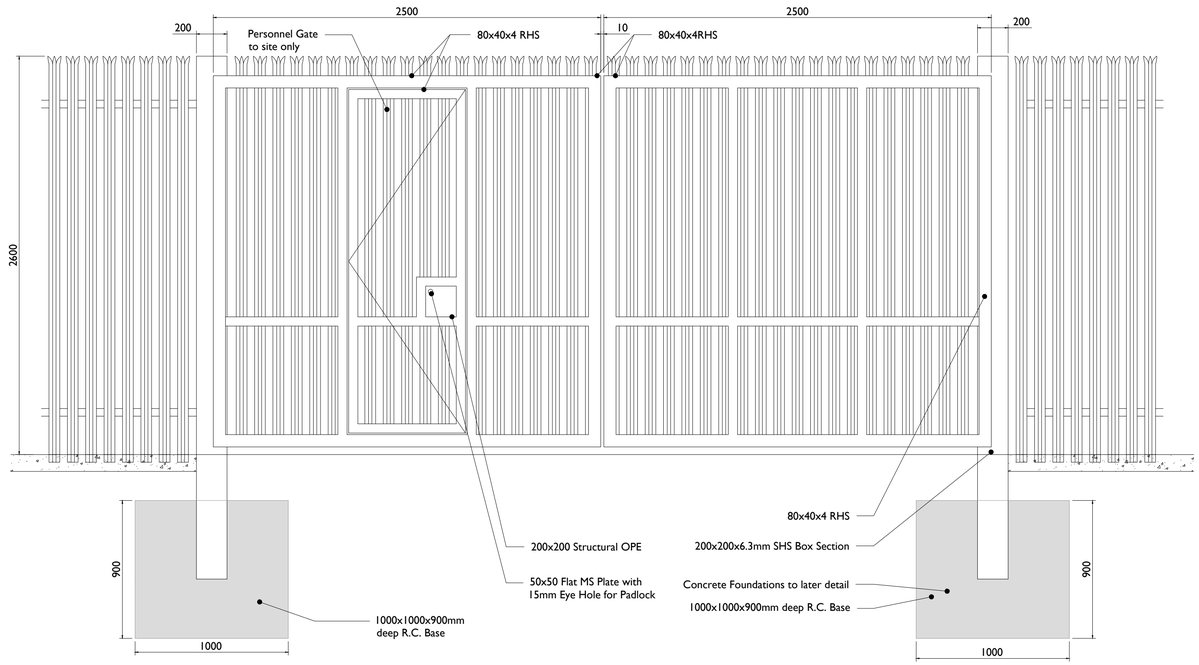
Palisade Fencing Details - Elevation

Scale 1:20



Palisade Fencing Details - Section

Scale 1:20



Palisade Fencing Details - Elevation

Scale 1:20

Project Management Initials: Designer: AR Checked: TOC Approved: KC

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I/R	DATE	DESCRIPTION
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PROJECT NUMBER

05-1071

SHEET TITLE

Wind Farm Substation
Gate and Fencing Details

SHEET NUMBER

051071-DR-124