

Greaghnafarna, Sligo, County Leitrim, Ireland



VIEWPOINT INFORMATION

Version Na7 e	Alternatives V5
17 age Na7 e	Greaghnafarna, Sligo, Count...
Location	58123. 8kn554
Distance To	46m07
Observer Altitude	1. .6° 7
Ca7 era Altitude	1. 86m7
Heading	13n639
Date	k31° -3m3°
T17 e	1k:48:32
Angle Of View	.56119

Greaghnafarna, Sligo, County Leitrim, Ireland



VIEWPOINT INFORMATION	
Version Na7 e	Alternatives V5
I7 age Na7 e	Greaghnafarna, Sligo, Count...
Location	58123. 8kn554
Distance To	46m07
Observer Altitude	1. .6° 7
Ca7 era Altitude	1. 86m7
Heading	13n639
Date	k31° -3m3°
T17 e	1k:48:32
Angle Of View	.56119
□	

Greaghnafama, Sligo, County Leitrim, Ireland



VIEWPOINT INFORMATION	
Version Na0 e	Alternatives V5
IO age Na0 e	Greaghnafama, Sligo, Count...
Location	581232 825. 11
Distance To	km 60
Observer Altitude	1k. m 0
Ca0 era Altitude	1k2m 0
Heading	1kkm °
Date	2. 149. - 9. 4
Ti0 e	12:1k:58
Angle Of View	75m11 °

Greaghnafama, Sligo, County Leitrim, Ireland



VIEWPOINT INFORMATION	
Version Na0 e	Alternatives V5
IO age Na0 e	Greaghnafama, Sligo, Count...
Location	581232 825. 11
Distance To	km 60
Observer Altitude	1k. m 0
Ca0 era Altitude	1k2m 0
Heading	1kkm °
Date	2. 149. - 9. 4
Ti0 e	12:1k:58
Angle Of View	75m11 °

Greaghnafama, Sligo, County Leitrim, Ireland



VIEWPOINT INFORMATION	
Version Na0 e	Alternatives V5
IO age Na0 e	Greaghnafama, Sligo, Count...
Location	58123. 8km m3
Distance To	248 60
Observer Altitude	1n84m0
Ca0 era Altitude	1n747 0
Heading	11843°
Date	k31793n937
Ti0 e	1k-k1-17
Angle Of View	: 5411°

Letter, Carrick-on-Shannon, County Leitrim, Ireland



VIEWPOINT INFORMATION

Version Name	Alternatives V5
Project Name	Letter, Carrick-on-Shannon
Location	5.8698, -0.0633
Distance	21.00 m
Observer Altitude	166.16 m
Target Altitude	103.19 m
Heading	0... 134
Date	03.06.2019
Time	12:36:57
Angle of View	51.4

Greaghnafarna, Sligo, County Leitrim, Ireland



VIEWPOINT INFORMATION	
Version Name	Alternatives V5
Image Name	Greaghnafarna, Sligo, Count...
Location	581823 8. km54
Distance To	60. 7°
Observer Altitude	1m604 °
Camera Altitude	1m605 °
Heading	1. 5049
Date	. 413-4k-43
Time	16:44:54
Angle Of View	n50119

Greaghnafarna, Sligo, County Leitrim, Ireland



VIEWPOINT INFORMATION

Version Name	Alternatives V5
Image Name	Greaghnafarna, Sligo, Count...
Location	581823 8. kn54
Distance To	60. 7°
Observer Altitude	1m604 °
Camera Altitude	1mk05 °
Heading	1. 5049
Date	. 413-4k-43
Time	16:44:54
Angle Of View	n50119

Greaghnafarna, Sligo, County Leitrim, Ireland



VIEWPOINT INFORMATION

Version Na0 e	Alternatives V5
IO age Na0 e	Greaghnafarna, Sligo, Count...
Location	581238 8. kkm
Distance To	m#1 60
Observer Altitude	18742. 0
Ca0 era Altitude	18. 4k 0
Heading	1. 147°
Date	. 71297k972
Ti0 e	1. -k2-k3
Angle Of View	: 5411°
□	

Beagh, Sligo, County Leitrim, Ireland



VIEWPOINT INFORMATION

Version Name	Alternatives V5
Image Name	Beagh, Sligo, County Leitrim...
Location	584337 825950
Distance To	7.5 km
Observer Altitude	227.4 m
Camera Altitude	222.1 m
Heading	733.9°
Date	2971-94-91
Time	79:59:74
Angle Of View	65.77°

Beagh, Sligo, County Leitrim, Ireland



VIEWPOINT INFORMATION

Version Name	Alternatives V5
Image Name	Beagh, Sligo, County Leitrim...
Location	584337 825950
Distance To	7.5 km
Observer Altitude	227.4 m
Camera Altitude	222.1 m
Heading	290.9°
Date	2971-94-91
Time	79:59:73
Angle Of View	65.77°

F91 A3X7, Sligo, Ireland



VIEWPOINT INFORMATION

Version Name	Alternatives V5
Image Name	F91 A3X7, Sligo, Ireland
Location	583943 826090
Distance To	2.7 km
Observer Altitude	140.5 m
Camera Altitude	142.0 m
Heading	163.0°
Date	2019-03-21
Time	14:13:38
Angle Of View	65.11°

F91 K242, Sligo, Ireland



VIEWPOINT INFORMATION

Version Name	Alternatives V5
Image Name	F91 K242, Sligo, Ireland
Location	582970 824726
Distance To	2.3 km
Observer Altitude	190.9 m
Camera Altitude	192.4 m
Heading	141.0°
Date	2019-06-12
Time	16:03:52
Angle Of View	65.11°

F91 K242, Sligo, Ireland



VIEWPOINT INFORMATION

Version Name	Alternatives V5
Image Name	F91 K242, Sligo, Ireland
Location	582917 824728
Distance To	2.3 km
Observer Altitude	187.8 m
Camera Altitude	189.3 m
Heading	139.0°
Date	2019-06-12
Time	16:00:37
Angle Of View	65.11°

F91 K242, Sligo, Ireland



VIEWPOINT INFORMATION

Version Name	Alternatives V5
Image Name	F91 K242, Sligo, Ireland
Location	582919 824668
Distance To	2.3 km
Observer Altitude	192.2 m
Camera Altitude	193.7 m
Heading	139.0°
Date	2019-06-12
Time	15:57:30
Angle Of View	65.11°

Garvagh, Sligo, County Leitrim, Ireland



VIEWPOINT INFORMATION

Version Name	Alternatives V5
Image Name	Garvagh, Sligo, County Leitr...
Location	582847 825010
Distance To	2.5 km
Observer Altitude	165.0 m
Camera Altitude	166.5 m
Heading	134.0°
Date	2019-06-12
Time	16:21:16
Angle Of View	65.11°

Beagh, Sligo, County Leitrim, Ireland



VIEWPOINT INFORMATION

Version Name	Alternatives V5
Image Name	Beagh, Sligo, County Leitrim...
Location	584537 825908
Distance To	. 10 1m
Observer Altitude	. 8710 m
Camera Altitude	. 8010 m
Heading	2 . . k° -
Date	2° . 0: ° 4: ° 0
Time	. ° 6956° °
Angle Of View	35k . -
□	

Beagh, Sligo, County Leitrim, Ireland



VIEWPOINT INFORMATION

Version Name	Alternatives V5
Image Name	Beagh, Sligo, County Leitrim...
Location	584537 825908
Distance To	. 10 1m
Observer Altitude	. 8710 m
Camera Altitude	. 8018 m
Heading	. 8° k° -
Date	2° . 0: ° 4: ° 0
Time	. ° 694653
Angle Of View	35k . -

Beagh, Sligo, County Leitrim, Ireland



VIEWPOINT INFORMATION

Version Name	Alternatives V5
Image Name	Beagh, Sligo, County Leitrim...
Location	848621 425. 8k
Distance To	303 *m
Observer Altitude	2880k m
Camera Altitude	28. 08 m
Heading	2. 10k9
Date	2k31-k6-22
Time	3k:82:68
Angle Of View	. 80B39

Killavoggy & Beagh, Sligo, County Leitrim, F91, Ireland



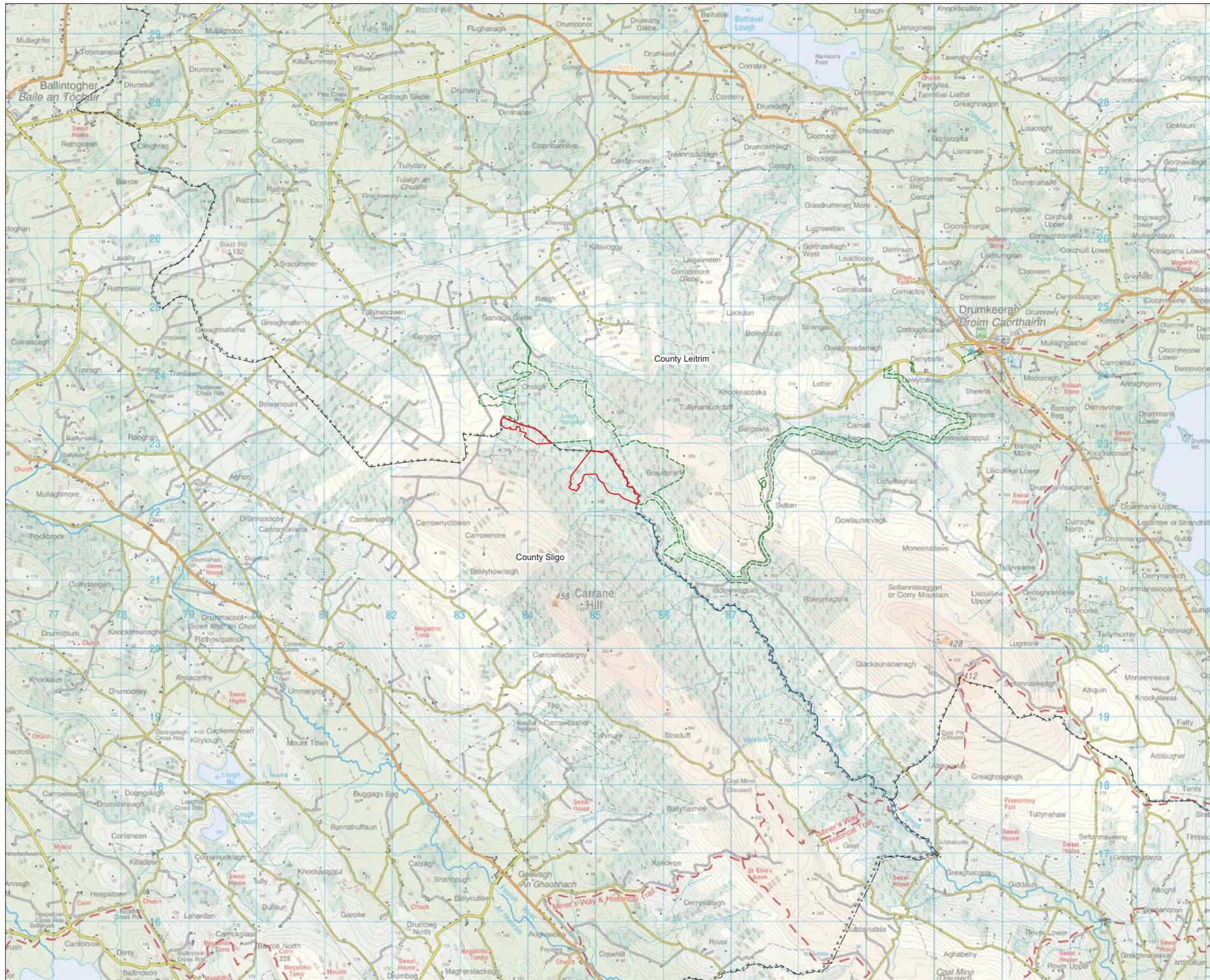
VIEWPOINT INFORMATION

Version Name	Alternatives V5
Image Name	Killavoggy & Beagh, Sligo, Co...
Location	584158 826452
Distance To	3.0 km
Observer Altitude	110.3 m
Camera Altitude	112.8 m
Heading	176.0°
Date	2019-03-21
Time	13:55:23
Angle Of View	65.11°



APPENDIX 4-1

SITE LAYOUT DRAWINGS (A4)



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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 diameters as per turbine drawing.
 8. Final levels may vary depending on local ground conditions.
 9. Exact location of grid connection cableway bay in the road cuttings to be subject to ESB specifications and agreement with Leitrim County Council.

- Drawing Legend**
- Planning Application Boundary (Sligo County Council)
 - Planning Application Boundary (Leitrim County Council)



Location Context Map

PROJECT TITLE: **Croagh Wind Farm, Co. Leitrim/ Co. Sligo**

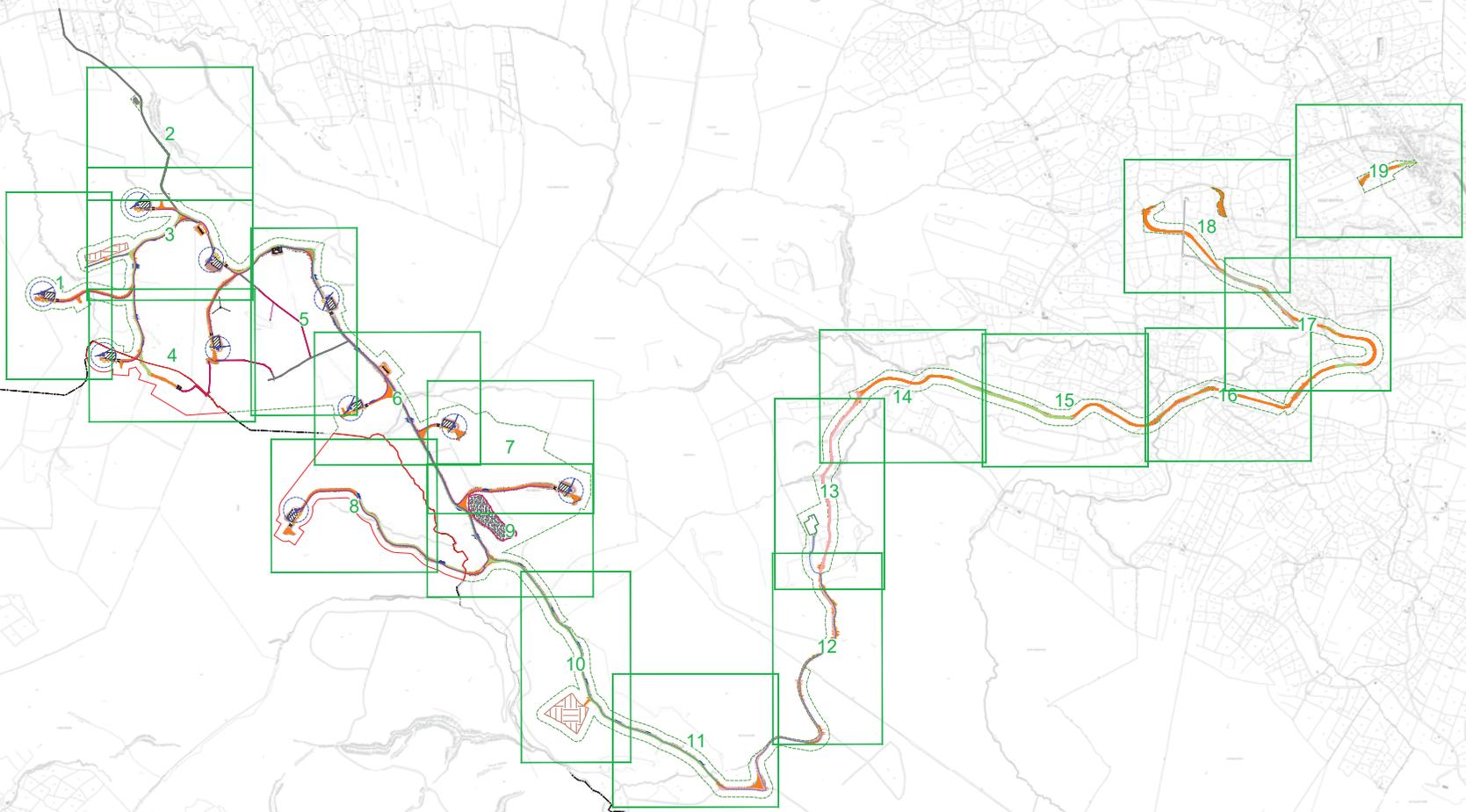
DRAWING BY: Joseph O'Brien	DRAWN BY: Michael Watson
PROJECT NO: 180511	DRAWING NO: 180511 - 01
SCALE: 1:50,000 @ A3	DATE: 06.07.2020
OS SHEET NO: OS1630, OS1632, OS1830, OS1832	

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9. Exact location of grid connection cable/joint bay in the road cuttings to be subject to ESB specifications and agreement with Leitrim County Council.



Drawing Legend

- Planning Application Boundary (Sligo County Council)
- Planning Application Boundary (Leitrim County Council)
- Existing Road to be Upgraded
- Proposed Road
- Passing Bay
- Existing Road no Upgrade Proposed
- Existing Local Road - Upgrade Proposed
- Internal Electrical Cabling Trench
- Soft Levelled Area
- Crane Pad Hardstanding Area
- Turbine Foundation
- Turbine Sweep Area
- Borrow Pit
- Peat & Spoil Repository
- Amenity Boardwalk
- Underground Grid Connection Cabling Route
- County Boundary



DRAWING TITLE:
Site Layout Key Plan

PROJECT TITLE:
**Croagh Wind Farm, Co. Leitrim/
Co. Sligo**

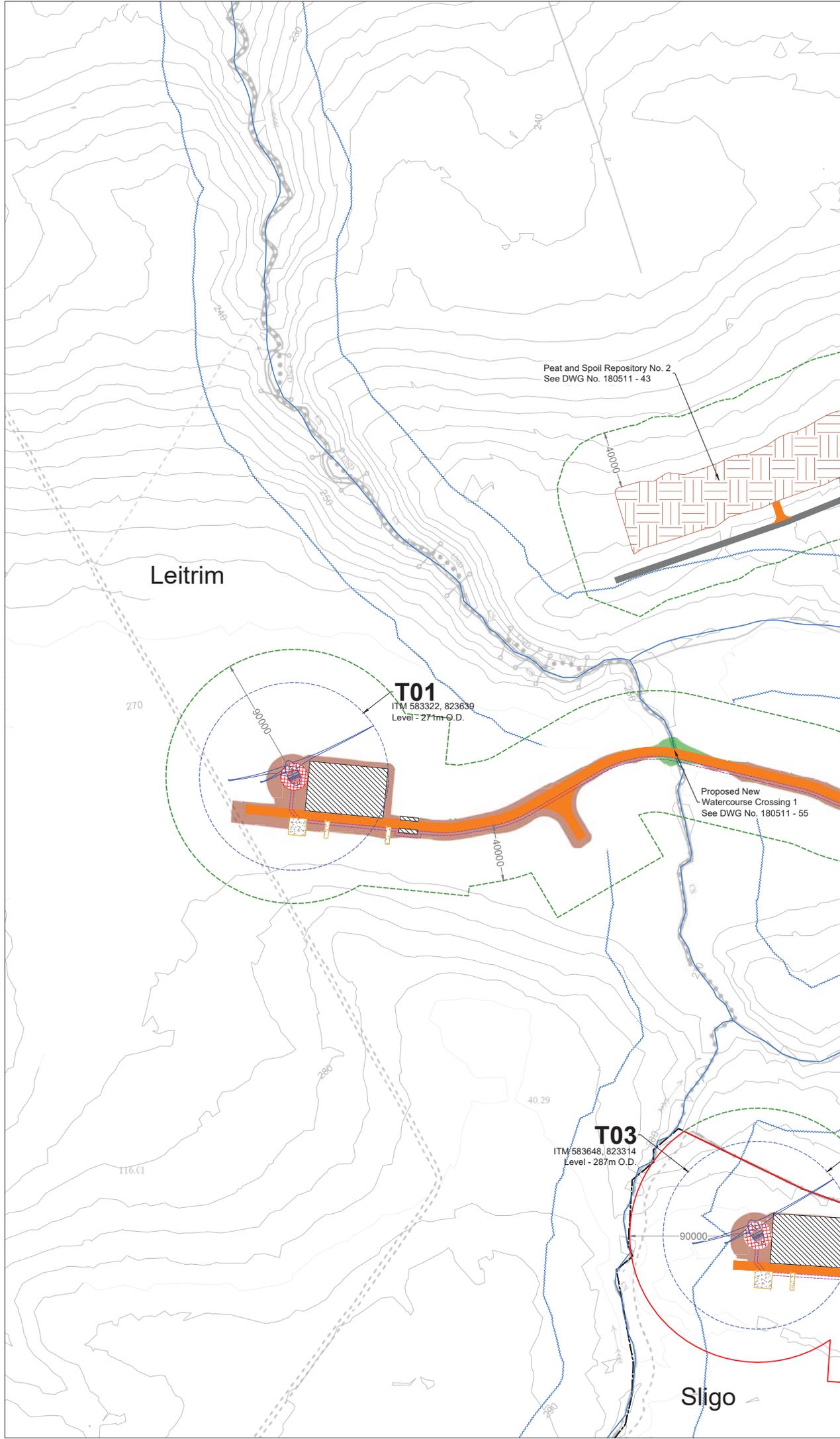
DRAWING BY: Joseph O'Brien	CHECKED BY: Michael Watson
PROJECT NO: 180511	DRAWING NO: 180511 - 03
SCALE: 1:12,500 @ A1	DATE: 28.07.2020
OS SHEET No.: 1196, 1197, 1198, 1262, 1263, 1264, 1311, 1332, 1333	

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8. Final levels may vary depending on local ground conditions.
9. Exact location of grid connection cable/joint bay in the road curtilage to be subject to ESB specifications and agreement with Leitrim County Council.



Drawing Legend

- Planning Application Boundary (Sligo County Council)
- - - Planning Application Boundary (Leitrim County Council)
- Existing Road to be Upgraded
- Proposed Road
- Existing Road no Upgrade Proposed
- Internal Electrical Cabling Trench
- River/Stream
- River/Stream 50m Buffer
- Soft Levelled Area
- Crane Pad Handstanding Area
- Turbine Foundation
- Turbine Sweep Area
- Peat & Spoil Repository
- Cut
- Fill
- County Boundary

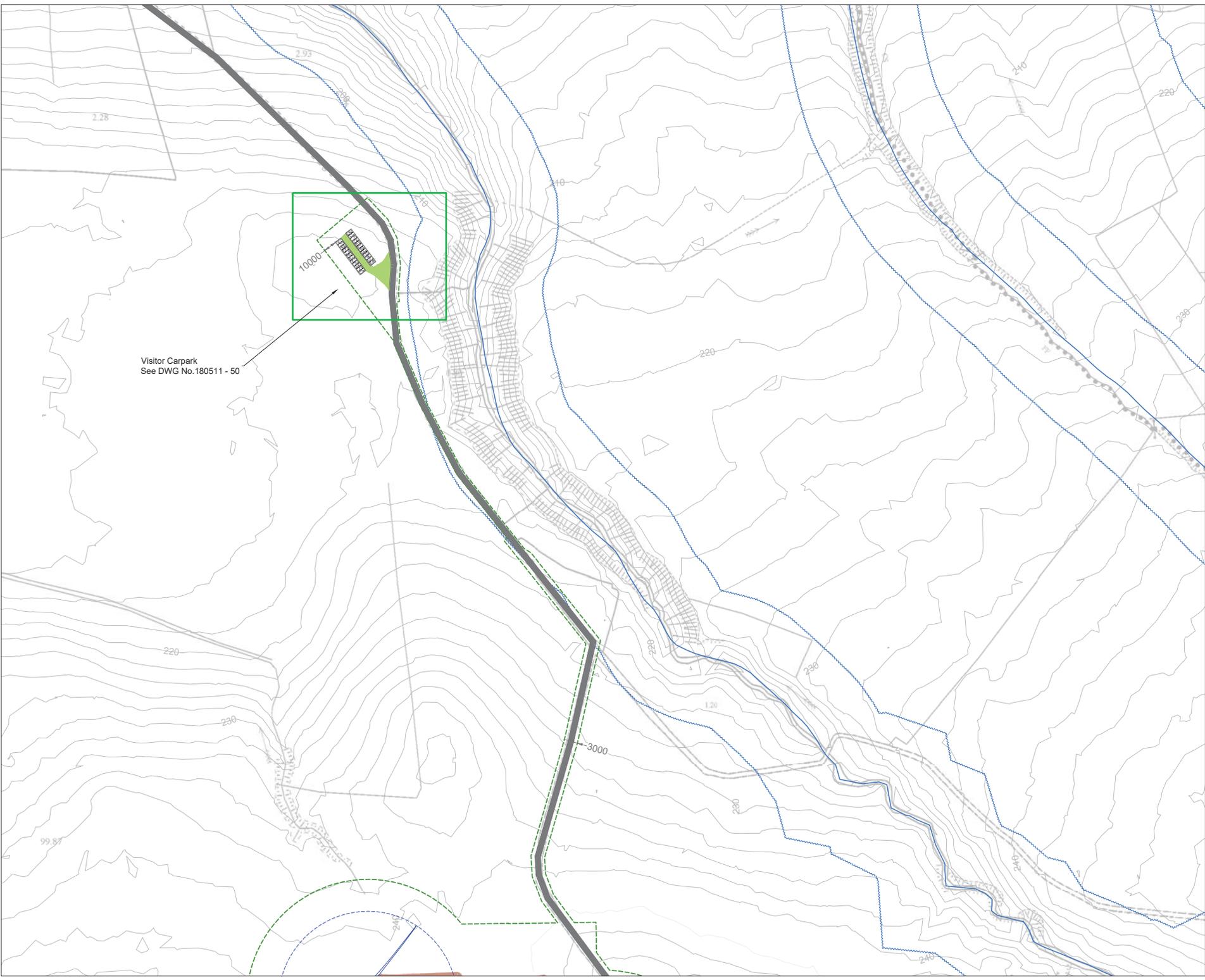
**Site Layout Sheet
1 of 19**

PROJECT TITLE: Croagh Wind Farm, Co. Leitrim/ Co. Sligo

DRAWING BY: Joseph O'Brien	CHECKED BY: Michael Watson
PROJECT NO: 180511	DRAWING NO: 180511 - 04
SCALE: 1:2,500 @ A3	DATE: 28.07.2020
DS SHEET No. 1198, 1197, 1198, 1262, 1263, 1264, 1331, 1332, 1333	

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Visitor Carpark
See DWG No. 180511 - 50

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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.
 9. Exact location of grid connection cable/joint bay in the road cuttings to be subject to ESB specifications and agreement with Leitrim County Council.

- Drawing Legend**
- Planning Application Boundary (Leitrim County Council)
 - Existing Road to be Upgraded
 - Existing Road no Upgrade Proposed
 - River/Stream
 - River/Stream 50m Buffer
 - Turbine Sweep Area



DRAWING TITLE
**Site Layout Sheet
2 of 19**

PROJECT TITLE
**Croagh Wind Farm, Co. Leitrim/
Co. Sligo**

DRAWING BY Joseph O'Brien **CHECKED BY** Michael Watson

PROJECT NO. 180511 **DRAWING NO.** 180511 - 05

SCALE: 1:2,500 @ A3 **DATE:** 28.07.2020

05 SHEET NO.: 1196, 1197, 1198, 1262, 1263, 1264, 1331, 1332, 1333

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Peat and Spoil Repository No. 2
See DWG No. 180511 - 43

Temporary Construction
Compound 1
See DWG No. 180511 - 39

Proposed New
Watercourse Crossing 1
See DWG No. 180511 - 55

Drawing Legend

- Planning Application Boundary (Leitrim County Council)
- Existing Road to be Upgraded
- Proposed Road
- Passing Bay
- Existing Road no Upgrade Proposed
- Internal Electrical Cabling Trench
- River/Stream
- River/Stream 50m Buffer
- Soft Levelled Area
- Crane Pad Hardstanding Area
- Turbine Foundation
- Turbine Sweep Area
- Peat & Spoil Repository
- Cut
- Fill

N
North Arrow

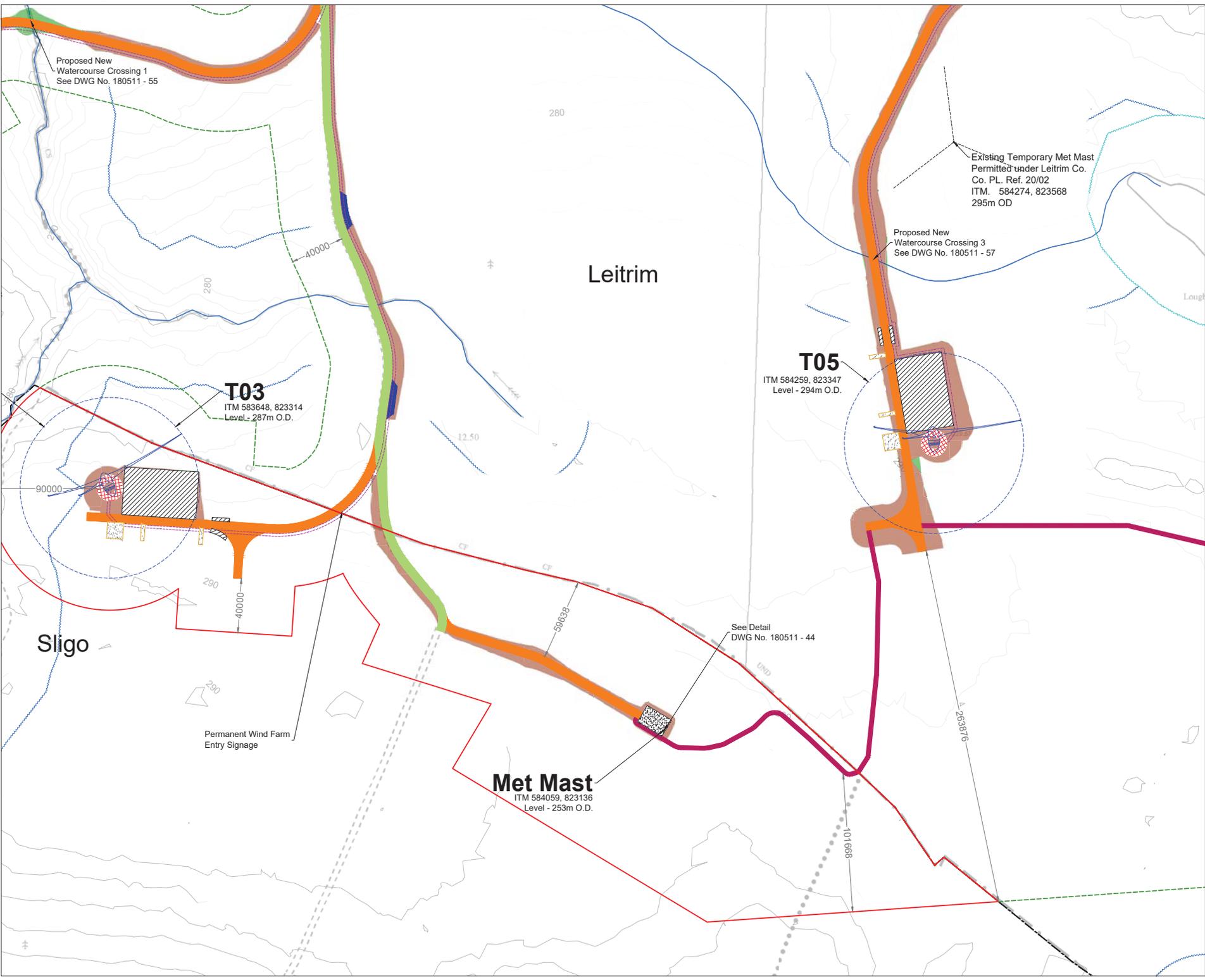
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DRAWING TITLE
**Site Layout Sheet
3 of 19**

PROJECT TITLE
**Croagh Wind Farm, Co. Leitrim/
Co. Sligo**

DRAWING BY Joseph O'Brien	CHECKED BY Michael Watson
PROJECT NO. 180511	DRAWING NO. 180511 - 06
SCALE: 1:2,500 @ A3	DATE: 28.07.2020
DS SHEET NO.: 1196, 1197, 1198, 1262, 1263, 1264, 1331, 1332, 1333	

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Drawing Legend

	Planning Application Boundary (Sligo County Council)
	Planning Application Boundary (Leitrim County Council)
	Existing Road to be Upgraded
	Proposed Road
	Passing Bay
	Amenity Walkway
	Internal Electrical Cabling Trench
	River/Stream
	River/Stream 50m Buffer
	Soft Levelled Area
	Crane Pad Handstanding Area
	Turbine Foundation
	Turbine Sweep Area
	Cut
	Fill
	County Boundary

DRAWING TITLE

Site Layout Sheet 4 of 19

PROJECT TITLE

Coagh Wind Farm, Co. Leitrim/ Co. Sligo

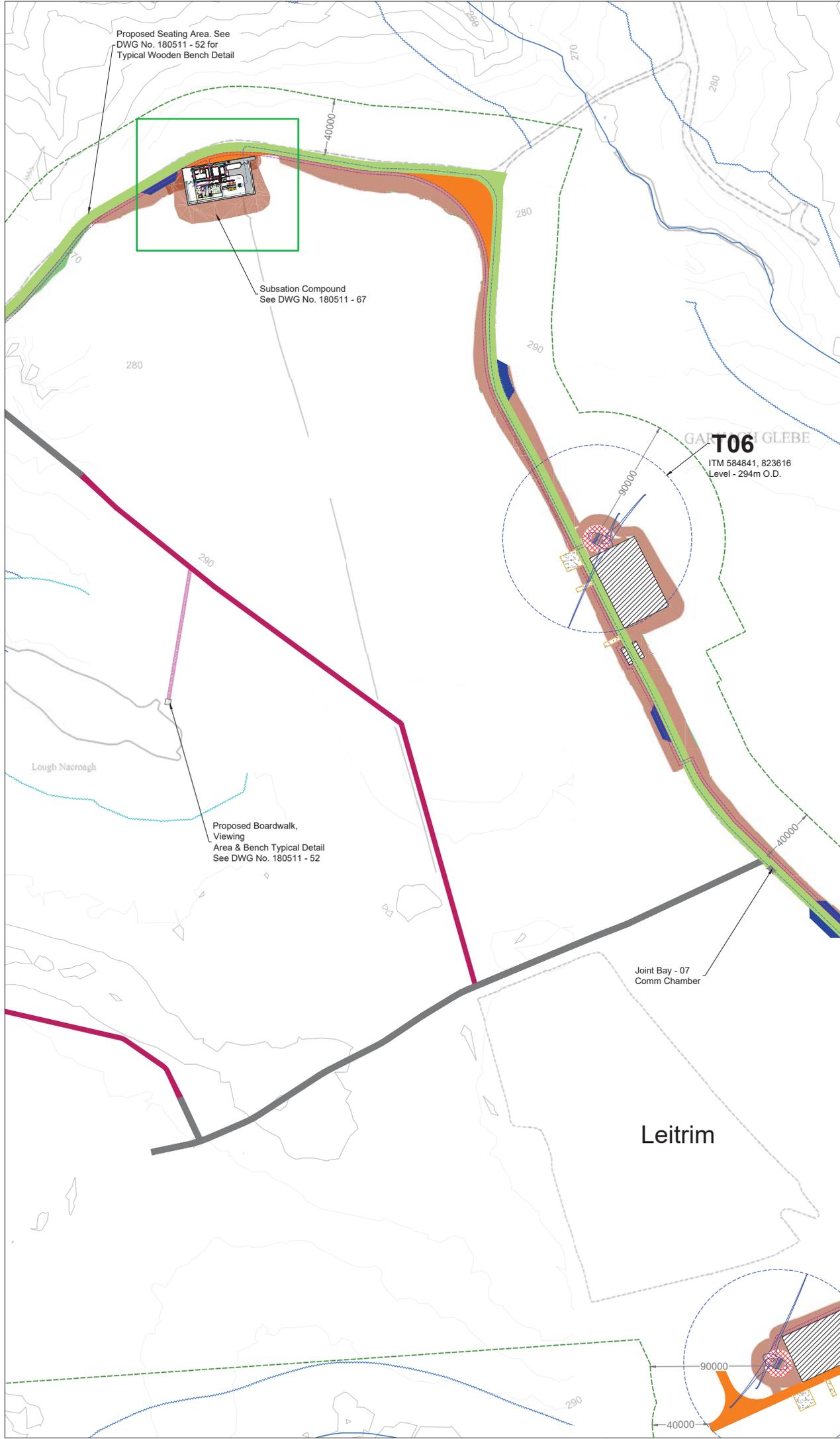
DRAWING BY	CHECKED BY
Joseph O'Brien	Michael Watson
PROJECT NO.	DRAWING NO.
180511	180511 - 07
SCALE:	DATE:
1:2,500 @ A3	28.07.2020
OS SHEET NO.:	
1196, 1197, 1198, 1262, 1263, 1264, 1331, 1332, 1333	

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Proposed Seating Area. See DWG No. 180511 - 52 for Typical Wooden Bench Detail

Substation Compound See DWG No. 180511 - 67

Proposed Boardwalk, Viewing Area & Bench Typical Detail See DWG No. 180511 - 52

Joint Bay - 07 Comm Chamber

T06
ITM 584841, 823616
Level - 294m O.D.

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Drawing Legend

- Planning Application Boundary (Leitrim County Council)
- Existing Road to be Upgraded
- Proposed Road
- Passing Bay
- Existing Road no Upgrade Proposed
- Amenity Walkway
- Amenity Boardwalk
- Internal Electrical Cabling Trench
- Underground Grid Connection Cabling Route
- River/Stream
- River/Stream 50m Buffer
- Lakes 50m Buffer
- Soft Levelled Area
- Crane Pad Hardstanding Area
- Turbine Foundation
- Turbine Sweep Area
- Cut
- Fill

Site Layout Sheet 5 of 19

PROJECT TITLE: **Croagh Wind Farm, Co. Leitrim/ Co. Sligo**

DRAWING BY: Joseph O'Brien	CHECKED BY: Michael Watson
PROJECT NO: 180511	DRAWING NO: 180511 - 08
SCALE: 1:2,500 @ A3	DATE: 28.07.2020
CS SHEET No. 1198, 1197, 1196, 1262, 1263, 1264, 1331, 1332, 1333	

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Drawing Legend

- Planning Application Boundary (Sligo County Council)
- - - Planning Application Boundary (Leitrim County Council)
- Existing Road to be Upgraded
- Proposed Road
- Passing Bay
- Existing Road no Upgrade Proposed
- Internal Electrical Cabling Trench
- Underground Grid Connection Cabling Route
- River/Stream
- River/Stream 50m Buffer
- Soft Levelled Area
- Crane Pad Hardstanding Area
- Turbine Foundation
- Turbine Sweep Area
- Fill
- County Boundary

N

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**Site Layout Sheet
6 of 19**

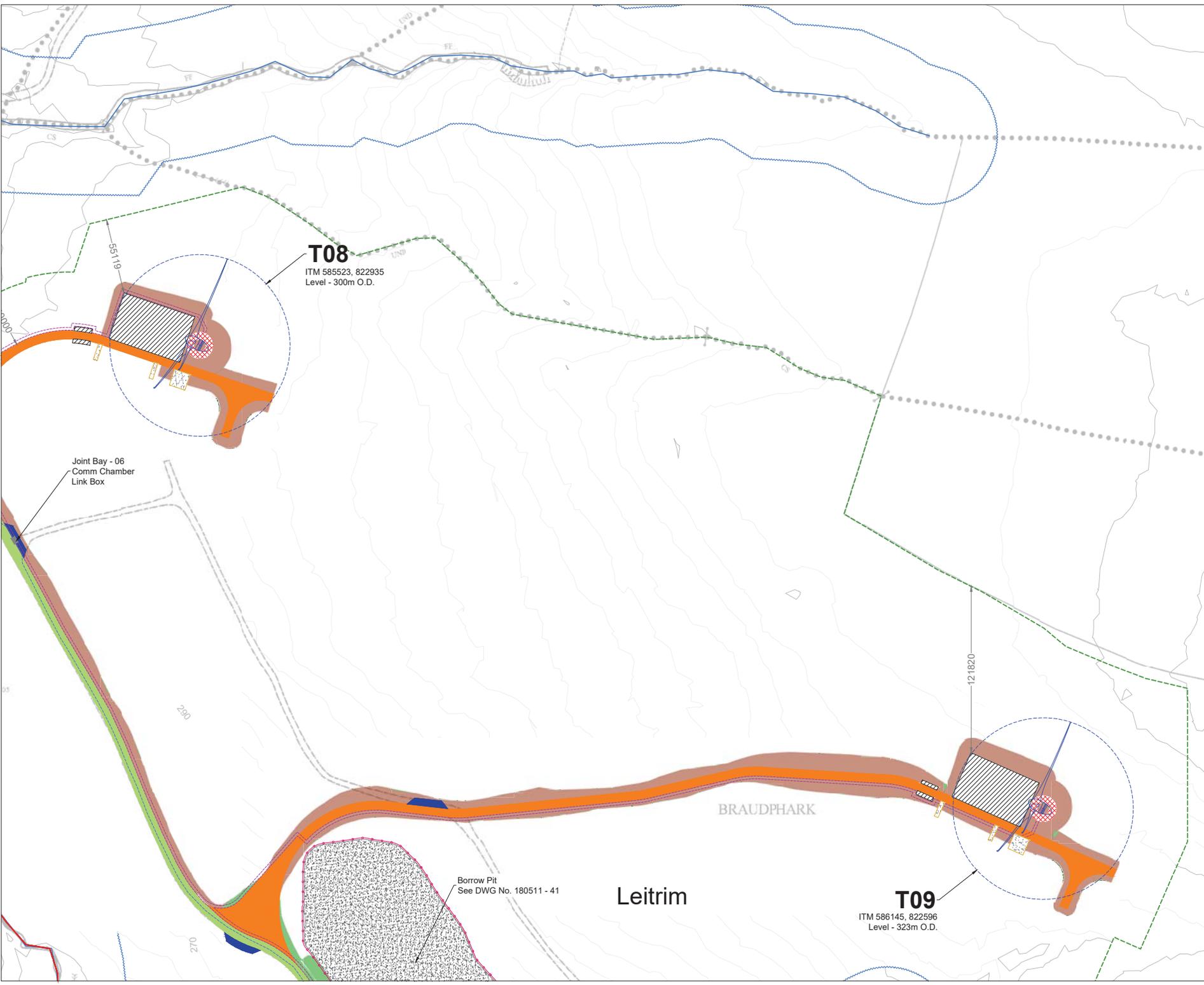
PROJECT TITLE
Croagh Wind Farm, Co. Leitrim/
Co. Sligo

DRAWING BY Joseph O'Brien	CHECKED BY Michael Watson
PROJECT NO. 180511	DRAWING NO. 180511 - 09
SCALE: 1:2,500 @ A3	DATE: 28.07.2020
OS SHEET NO.: 1196, 1197, 1198, 1262, 1263, 1264, 1331, 1332, 1333	

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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.
9. Exact location of grid connection cabinet/joint bay in the road curtilage to be subject to ESB specifications and agreement with Leitrim County Council.



Drawing Legend

- Planning Application Boundary (Leitrim County Council)
- Existing Road to be Upgraded
- Proposed Road
- Passing Bay
- Internal Electrical Cabling Trench
- Underground Grid Connection Cabling Route
- River/Stream
- River/Stream 50m Buffer
- Soft Levelled Area
- Crane Pad Hardstanding Area
- Turbine Foundation
- Turbine Sweep Area
- Borrow Pit
- Cut
- Fill
- County Boundary



Site Layout Sheet
7 of 19

PROJECT TITLE
Croagh Wind Farm, Co. Leitrim/
Co. Sligo

DRAWING BY Joseph O'Brien	CHECKED BY Michael Watson
PROJECT NO. 180511	DRAWING NO. 180511 - 10
SCALE: 1:2,500 @ A3	DATE: 28.07.2020
OS SHEET NO.: 1196, 1197, 1198, 1262, 1263, 1264, 1331, 1332, 1333	

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T10
ITM 584676, 822493
Level - 298m O.D.

Proposed New
Watercourse Crossing 2
See DWG No. 180511 - 56

- Drawing Legend**
- Planning Application Boundary (Sligo County Council)
 - - - Planning Application Boundary (Leitrim County Council)
 - Existing Road to be Upgraded
 - Proposed Road
 - Passing Bay
 - Internal Electrical Cabling Trench
 - Underground Grid Connection Cabling Route
 - River/Stream
 - River/Stream 50m Buffer
 - Soft Levelled Area
 - Crane Pad Handstanding Area
 - Turbine Foundation
 - Turbine Sweep Area
 - Cut
 - Fill
 - County Boundary



**Site Layout Sheet
8 of 19**

PROJECT TITLE
Croagh Wind Farm, Co. Leitrim/
Co. Sligo

DRAWING BY Joseph O'Brien **CHECKED BY** Michael Watson

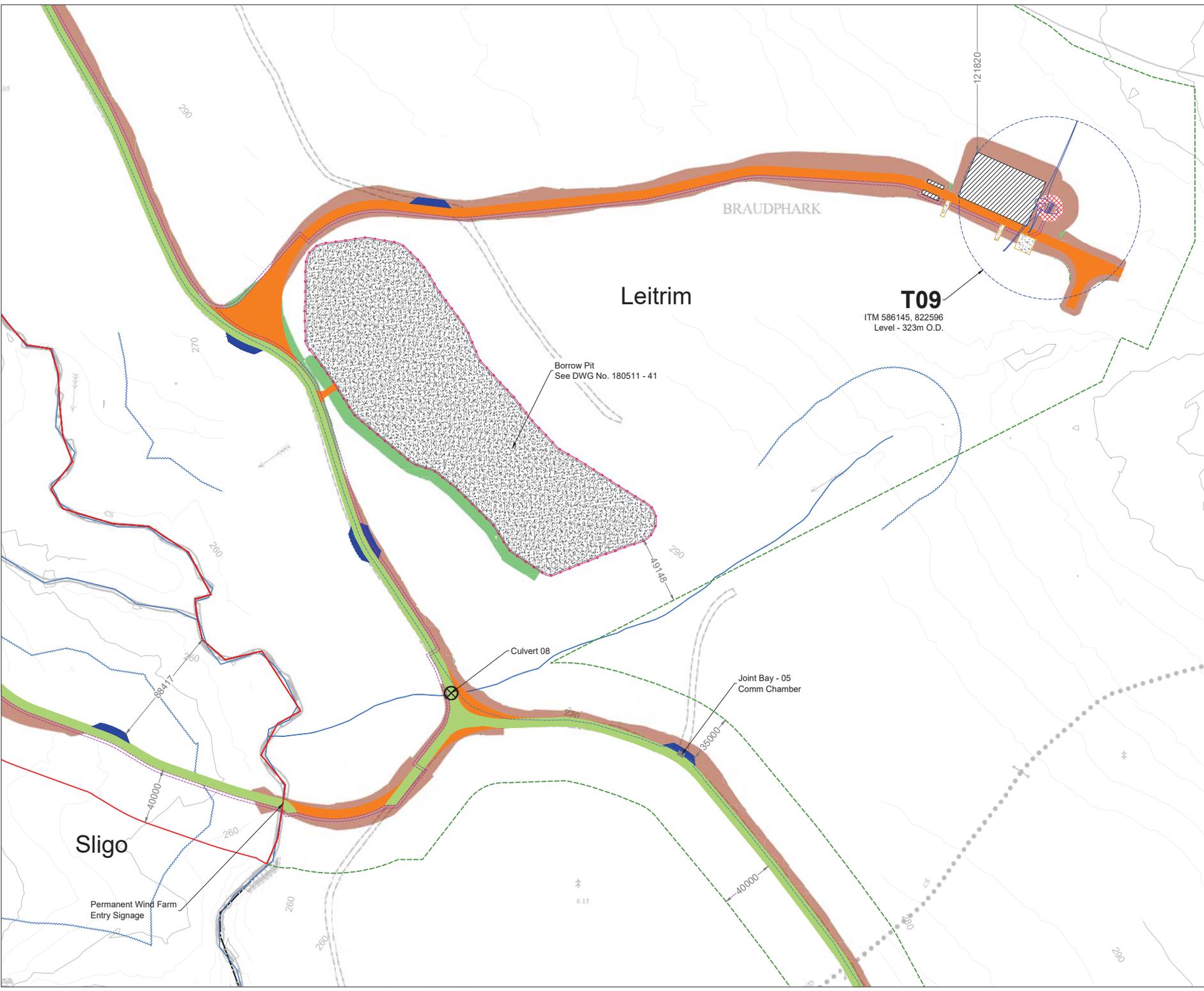
PROJECT NO. 180511 **DRAWING NO.** 180511 - 11

SCALE: 1:2,500 @ A3 **DATE:** 28.07.2020

DS SHEET NO.: 1196, 1197, 1198, 1262, 1263, 1264, 1331, 1332, 1333

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- Drawing Legend**
- Planning Application Boundary (Sligo County Council)
 - Planning Application Boundary (Leitrim County Council)
 - Existing Road to be Upgraded
 - Proposed Road
 - Internal Electrical Cabling Trench
 - Underground Grid Connection Cabling Route
 - River/Stream
 - River/Stream 50m Buffer
 - Soft Levelled Area
 - Crane Pad Hardstanding Area
 - Turbine Foundation
 - Turbine Sweep Area
 - Borrow Pit
 - Cut
 - Fill
 - County Boundary



**Site Layout Sheet
9 of 19**

**Croagh Wind Farm, Co. Leitrim/
Co. Sligo**

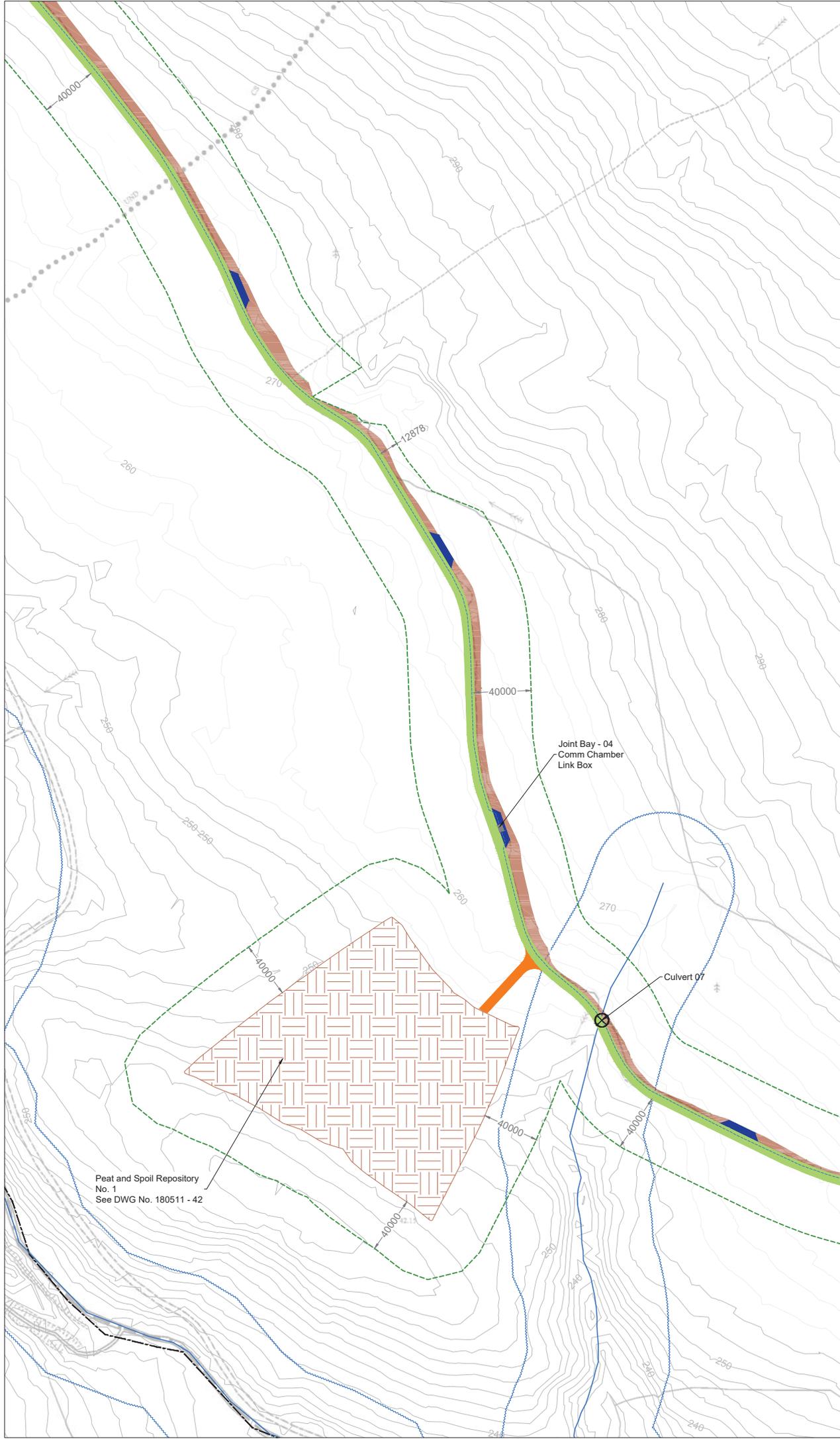
DRAWING BY: Joseph O'Brien	CHECKED BY: Michael Watson
PROJECT NO.: 180511	DRAWING NO.: 180511 - 12
SCALE: 1:2,500 @ A3	DATE: 28.07.2020
OS SHEET NO.: 1196, 1197, 1198, 1262, 1263, 1264, 1331, 1332, 1333	

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- Drawing Legend**
- Planning Application Boundary (Leitrim County Council)
 - Existing Road to be Upgraded
 - Proposed Road
 - Underground Grid Connection Cabling Route
 - River/Stream
 - River/Stream 50m Buffer
 - Peat & Spoil Repository
 - Cut
 - Fill



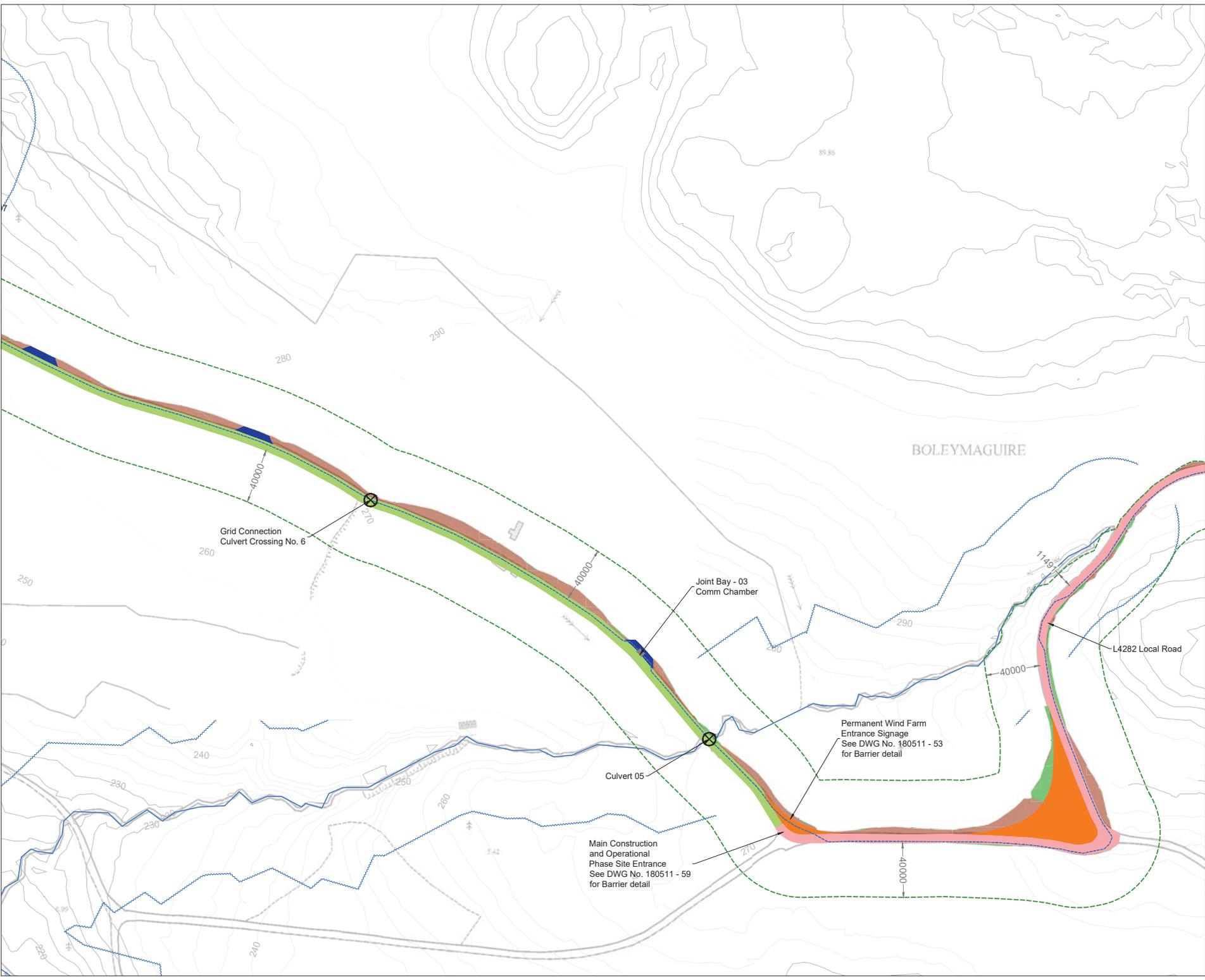
Site Layout Sheet 10 of 19

PROJECT TITLE: **Cragh Wind Farm, Co. Leitrim/ Co. Sligo**

DRAWING BY: Joseph O'Brien	CHECKED BY: Michael Watson
PROJECT NO: 180511	DRAWING NO: 180511 - 13
SCALE: 1:2,500 @ A3	DATE: 06.07.2020
GRID SHEET NO: 1196, 1197, 1198, 1262, 1263, 1264, 1331, 1332, 1333	

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 9. Exact location of grid connection cable/joint bay in the road curtilage to be subject to ESB specifications and agreement with Leitrim County Council.

Drawing Legend

- Planning Application Boundary (Leitrim County Council)
- Existing Road to be Upgraded
- Proposed Road
- Passing Bay
- Existing Local Road - Upgrade Proposed
- Underground Grid Connection Cabling Route
- River/Stream
- River/Stream 50m Buffer
- Cut
- Fill

**Site Layout Sheet
11 of 19**

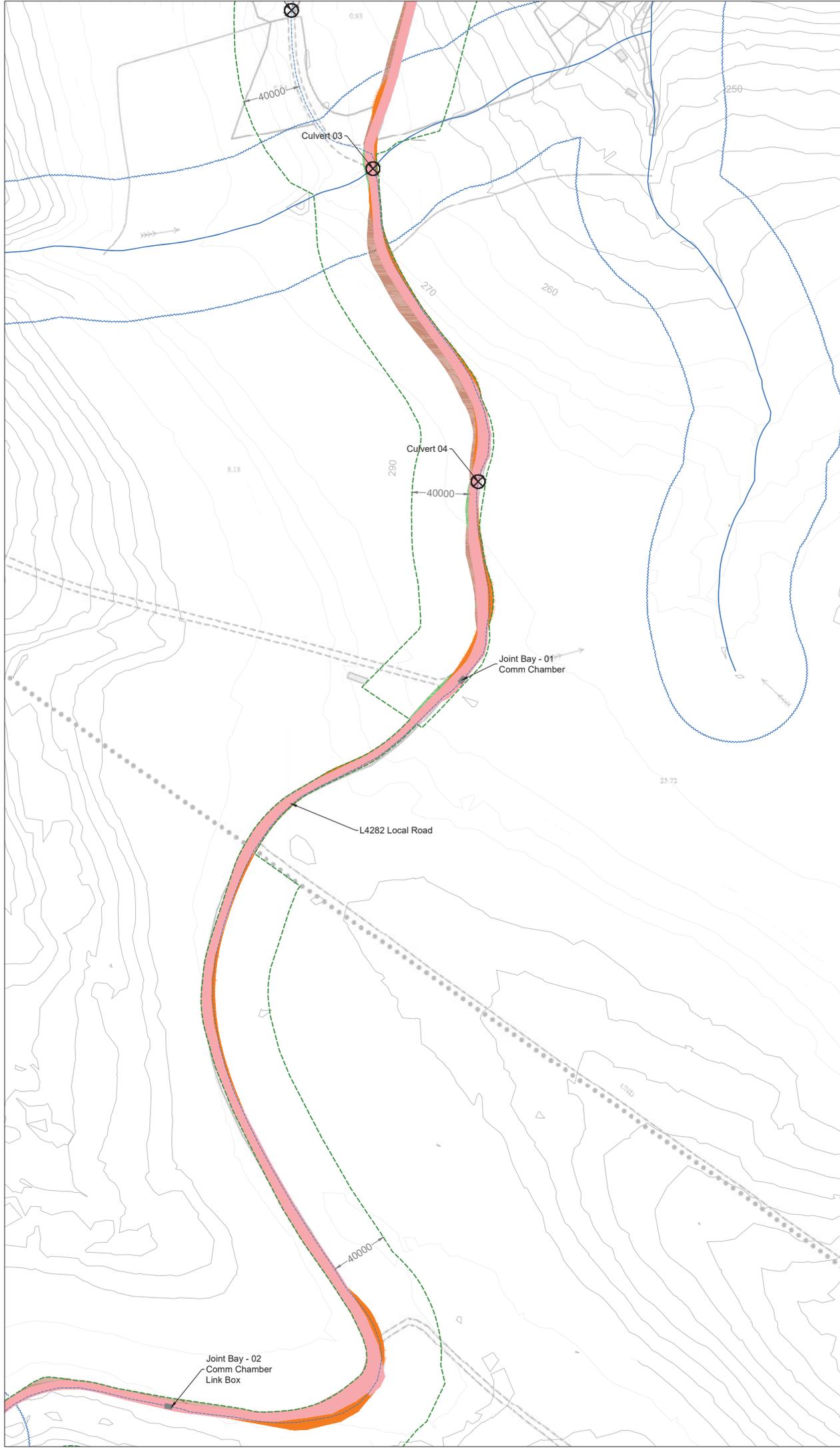
PROJECT TITLE
Croagh Wind Farm, Co. Leitrim/
Co. Sligo

DRAWING BY Joseph O'Brien	CHECKED BY Michael Watson
PROJECT NO. 180511	DRAWING NO. 180511 - 14
SCALE: 1:2,500 @ A3	DATE: 24.07.2020
OS SHEET NO.: 1196, 1197, 1198, 1262, 1263, 1264, 1331, 1332, 1333	

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- Drawing Legend**
- Planning Application Boundary (Leitrim County Council)
 - Proposed Road
 - Existing Local Road - Upgrade Proposed
 - Underground Grid Connection Cabling Route
 - River/Stream
 - River/Stream 50m Buffer
 - Cut
 - Fill



Site Layout Sheet
12 of 19

PROJECT TITLE
 Croagh Wind Farm, Co. Leitrim/
 Co. Sligo

DRAWING BY Joseph O'Brien	CHECKED BY Michael Watson
PROJECT NO. 180511	DRAWING NO. 180511 - 15
SCALE 1:2,500 @ A3	DATE 06.07.2020
OS SHEET NO. 1196, 1197, 1198, 1262, 1263, 1264, 1331, 1332, 1333	

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