



APPENDIX 4-12

PLANNING APPLICATION DRAWINGS

**BnM Substitute Consent Application,
Ballivor Bog Group
Planning Permission Application Drawings**

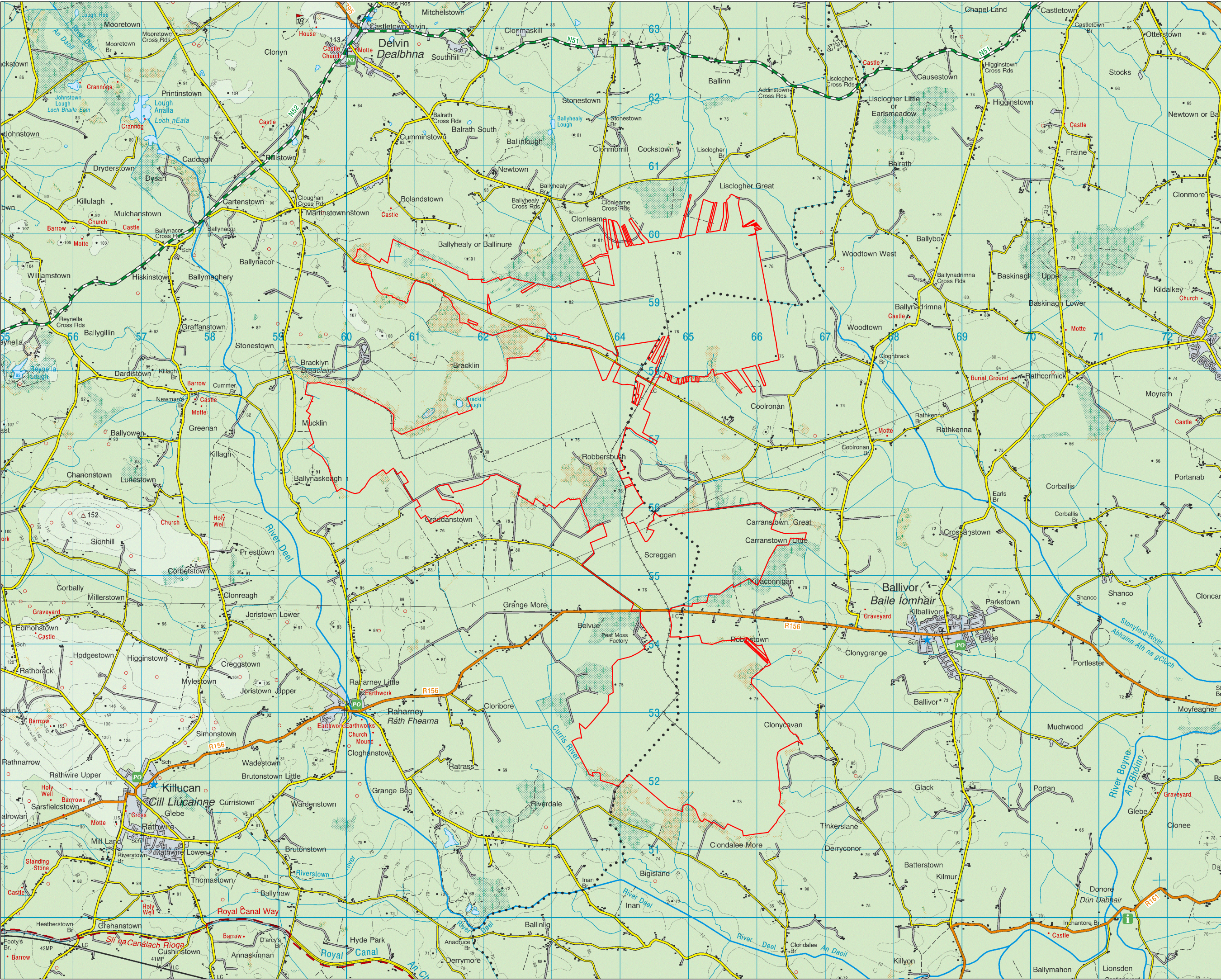


Schedule of Drawings

Drawing No.	Drawing Title	Scale
191137-f - 01	Location Context Map	1: 50,000 @A3
191137-f - 02	Site Location Map Keyplan	1: 20,000 @A1
191137-f - 02a	Site Notice Location Map A	1: 5,000 @A1
191137-f - 02b	Site Notice Location Map B	1: 5,000 @A1
191137-f - 02c	Site Notice Location Map C	1: 5,000 @A1
191137-f - 02d	Site Notice Location Map D	1: 5,000 @A1
191137-f - 02e	Site Notice Location Map E	1: 5,000 @A1
191137-f - 03	Site Layout Key Plan	1: 20,000 @A1
191137-f - 03a	Site Layout Sheet 1 of 12	1: 2,500 @A0
191137-f - 03b	Site Layout Sheet 2 of 12	1: 2,500 @A0
191137-f - 03c	Site Layout Sheet 3 of 12	1: 2,500 @A0
191137-f - 03d	Site Layout Sheet 4 of 12	1: 2,500 @A0
191137-f - 03e	Site Layout Sheet 5 of 12	1: 2,500 @A0
191137-f - 03f	Site Layout Sheet 6 of 12	1: 2,500 @A0
191137-f - 03g	Site Layout Sheet 7 of 12	1: 2,500 @A0
191137-f - 03h	Site Layout Sheet 8 of 12	1: 2,500 @A0
191137-f - 03i	Site Layout Sheet 9 of 12	1: 2,500 @A0
191137-f - 03j	Site Layout Sheet 10 of 12	1: 2,500 @A0
191137-f - 03k	Site Layout Sheet 11 of 12	1: 2,500 @A0
191137-f - 03l	Site Layout Sheet 12 of 12	1: 2,500 @A0
191137-f - 10	Lisclogher Bog Section 1-1	1: 500 @A1
191137-f - 11	Lisclogher Bog Section A-A	1: 500 @A1
191137-f - 12	Bracklin Bog Section 2-2	1: 500 @A1
191137-f - 13a	Bracklin West / Bracklin Bog Section B-B Sheet 01 of 02	1: 500 @A1
191137-f - 13b	Bracklin West / Bracklin Bog Section B-B Sheet 02 of 02	1: 500 @A1
191137-f - 14	Carranstown Bog Section 3-3	1: 500 @A1
191137-f - 15a	Carranstown Bog Section C-C Sheet 01 of 02	1: 500 @A1
191137-f - 15b	Carranstown Bog Section C-C Sheet 02 of 02	1: 500 @A1
191137-f - 16a	Ballivor Bog Section 4-4 Sheet 01 of 02	1: 500 @A1
191137-f - 16b	Ballivor Bog Section 4-4 Sheet 02 of 02	1: 500 @A1
191137-f - 17a	Ballivor Bog Section D-D Sheet 01 of 02	1: 500 @A1
191137-f - 17b	Ballivor Bog Section D-D Sheet 02 of 02	1: 500 @A1
191137-f - 18	Peat Extraction Layout Plan 1988	1: 20,000 @A1
191137-f - 19	Peat Extraction Layout Plan 1995	1: 20,000 @A1
191137-f - 20	Peat Extraction Layout Plan 2004	1: 20,000 @A1
191137-f - 21	Peat Extraction Layout Plan 2020	1: 20,000 @A1
191137-f - 22	Site Drainage Key Plan	1: 20,000 @A1
191137-f - 22a	Site Layout Drainage Sheet 1 of 12	1: 2,500 @A0
191137-f - 22b	Site Layout Drainage Sheet 2 of 12	1: 2,500 @A0
191137-f - 22c	Site Layout Drainage Sheet 3 of 12	1: 2,500 @A0
191137-f - 22d	Site Layout Drainage Sheet 4 of 12	1: 2,500 @A0
191137-f - 22e	Site Layout Drainage Sheet 5 of 12	1: 2,500 @A0
191137-f - 22f	Site Layout Drainage Sheet 6 of 12	1: 2,500 @A0
191137-f - 22g	Site Layout Drainage Sheet 7 of 12	1: 2,500 @A0

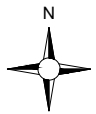


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191137-f – 22j	Site Layout Drainage Sheet 10 of 12	1: 2,500 @A0
191137-f – 22k	Site Layout Drainage Sheet 11 of 12	1: 2,500 @A0
191137-f – 22l	Site Layout Drainage Sheet 12 of 12	1: 2,500 @A0
191137-f – 29	Drainage Details	As Shown @ A3
191137-f – 30	Settlement Pond Detail	1:200 @ A3
BNM-BR-DR-PS-01	Cofferdam Pump Site	As Shown @ A1



Drawing Legend

- Planning Application Boundary
- County Boundary

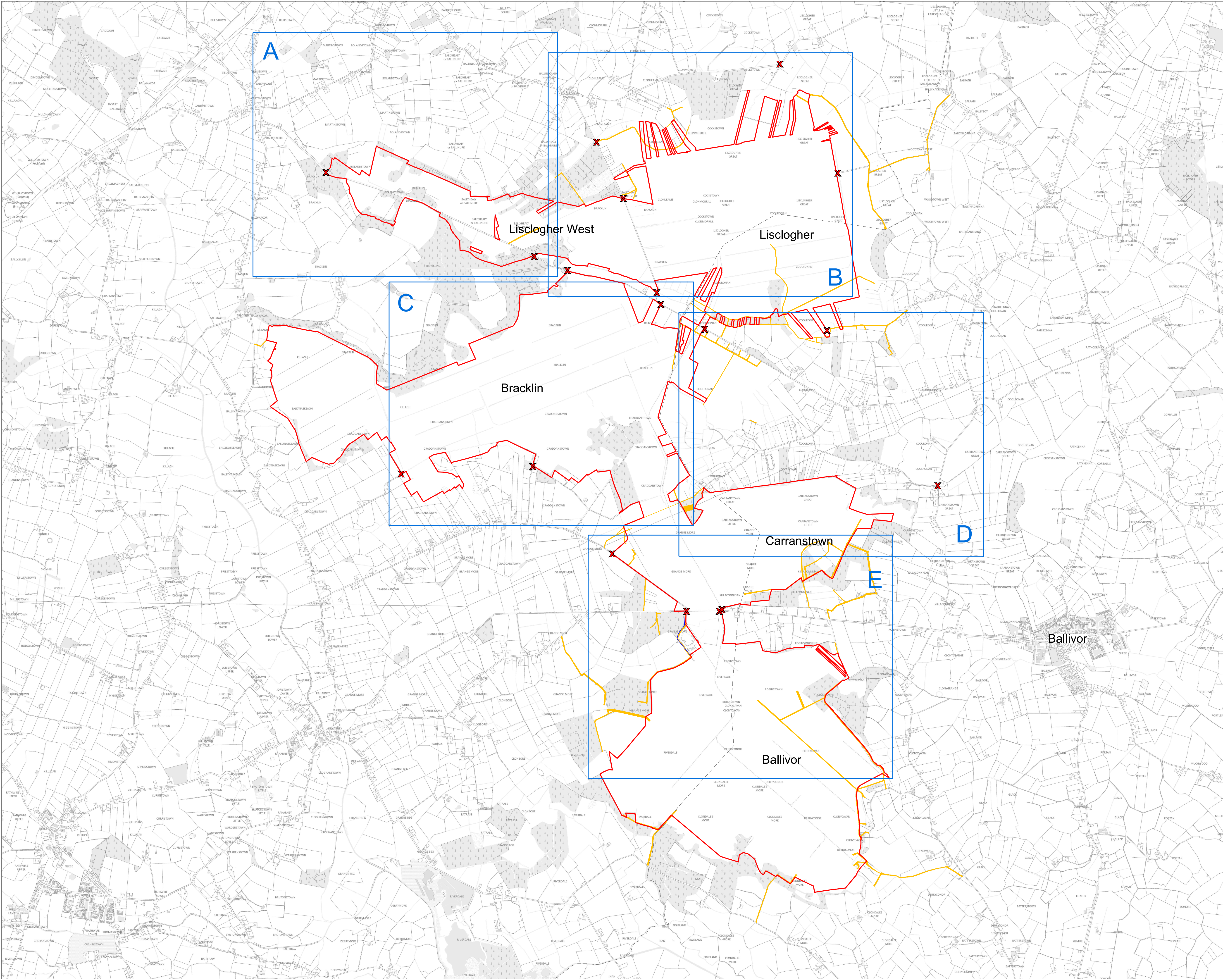


Location Context Map

PROJECT TITLE:
BnM Substitute Consent Application, Ballivor Bog Group

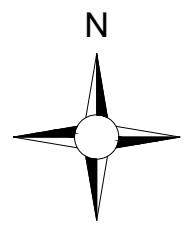
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OS SHEET No.: OS2424, OS2426, OS2624, OS2626	

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Drawing Legend

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

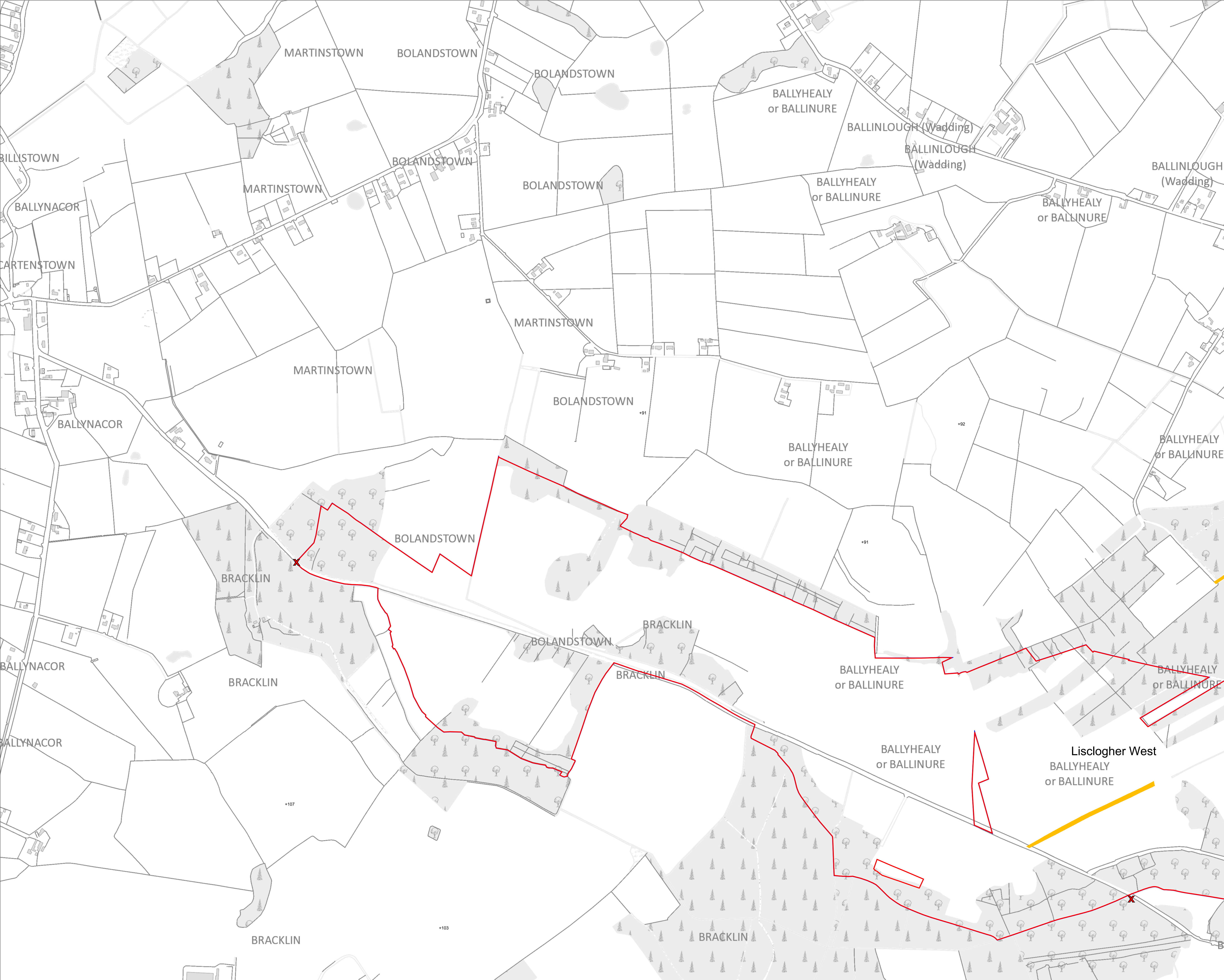


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Site Location Map Keyplan

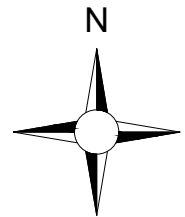
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BnM Substitute Consent Application, Ballivor Bog Group

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SCALE: 1:20,000 @ A1	DATE: 30.07.2024
OS SHEET NO.: 2635, 2636, 2638, 2637, 2705, 2706, 2707, 2708, 2774, 2775, 2776, 2777, 2842, 2843, 2844, 2845	

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- Drawing Legend
- Planning Application Boundary
 - Landowners Boundary
 - Site Notice
 - Wayleaves
 - County Boundary



DRAWING TITLE: **Site Notice
Location Map A**

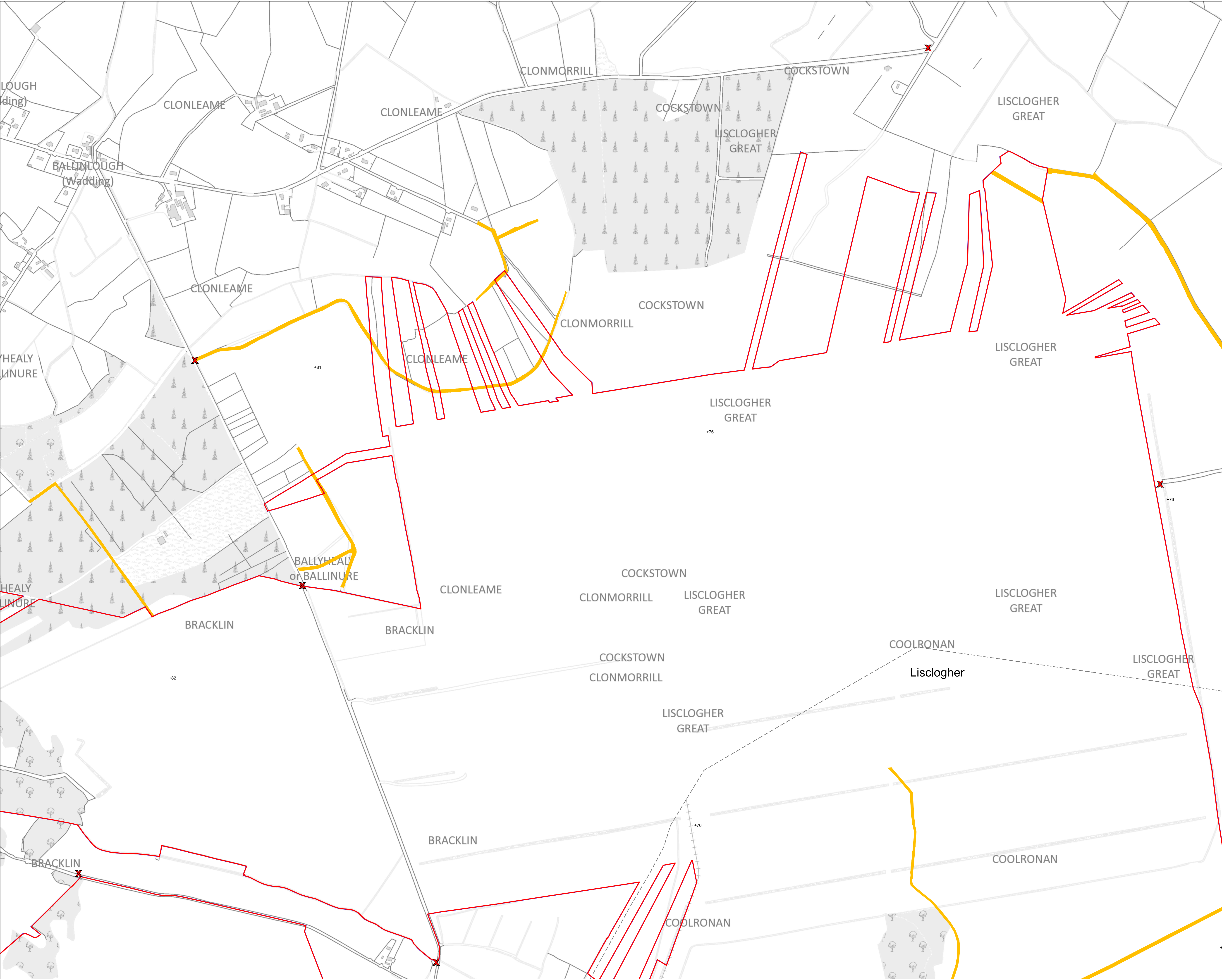
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Ballivor Bog Group**

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OS SHEET No.: 2635, 2636, 2638, 2637, 2705, 2706, 2707, 2708, 2774, 2775, 2776, 2777, 2842, 2843, 2844, 2845



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Drawing Legend

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



Site Notice Location Map B

BnM Substitute Consent Application, Ballivor Bog Group

DRAWING BY: JOB/KD	CHECKED BY: Tommy Harlin
PROJECT No.: 191137-f	DRAWING No.: 191137-f - 02B
SCALE: 1:5,000 @ A1	DATE: 30.07.2024

OS SHEET No.: 2635, 2636, 2638, 2637, 2705, 2706, 2707, 2708, 2774, 2775, 2776, 2777, 2842, 2843, 2844, 2845

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Drawing Legend

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



DRAWING TITLE: **Site Notice Location Map C**

PROJECT TITLE: **BnM Substitute Consent Application, Ballivor Bog Group**

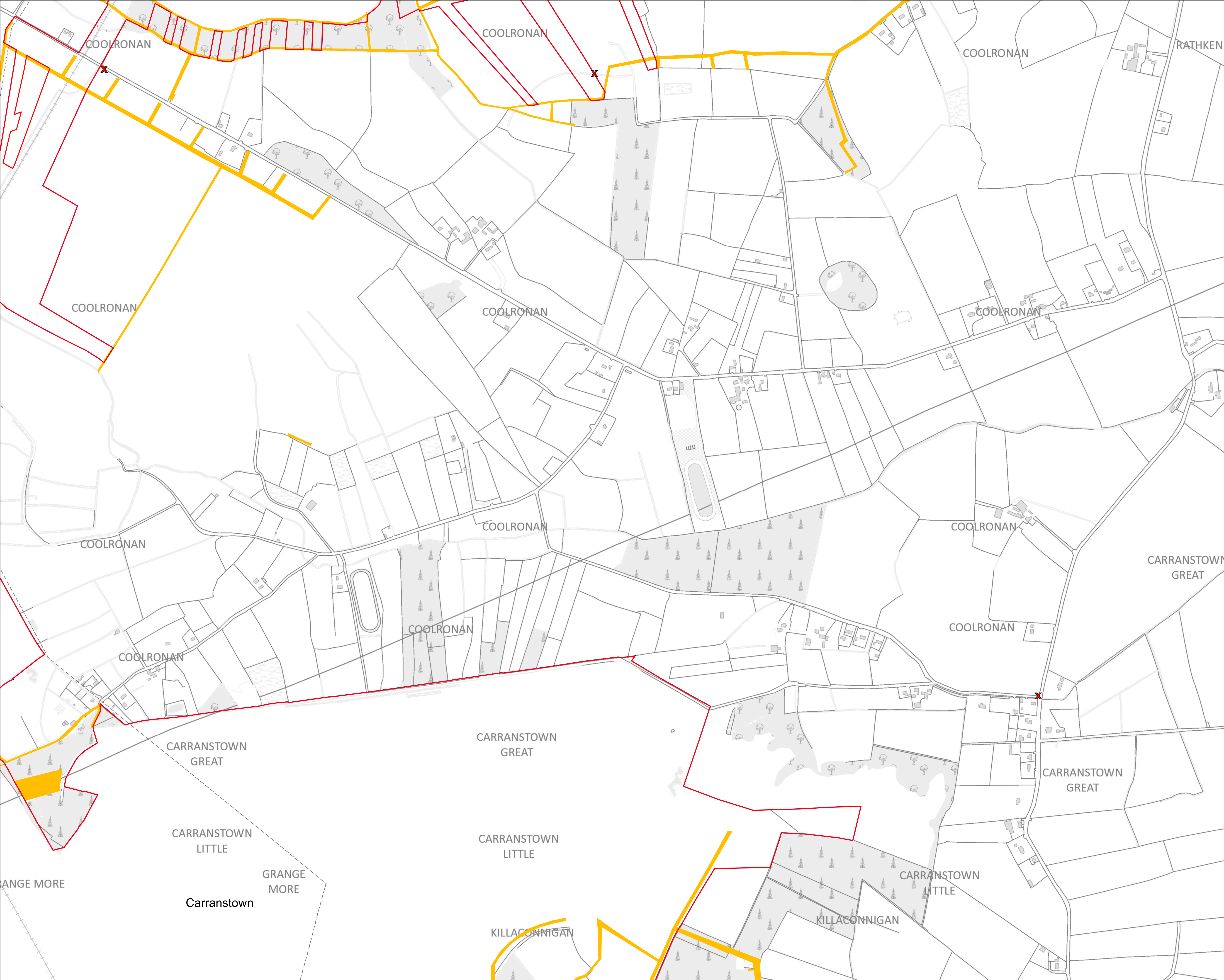
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SCALE: 1:5,000 @ A1	DATE: 30.07.2024

OS SHEET No.: 2635, 2636, 2638, 2637, 2705, 2706, 2707, 2708, 2774, 2775, 2776, 2777, 2842, 2843, 2844, 2845



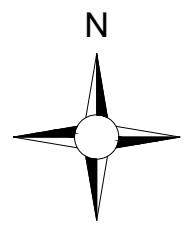
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Drawing Legend

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



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DRAWING TITLE: **Site Notice Location Map D**

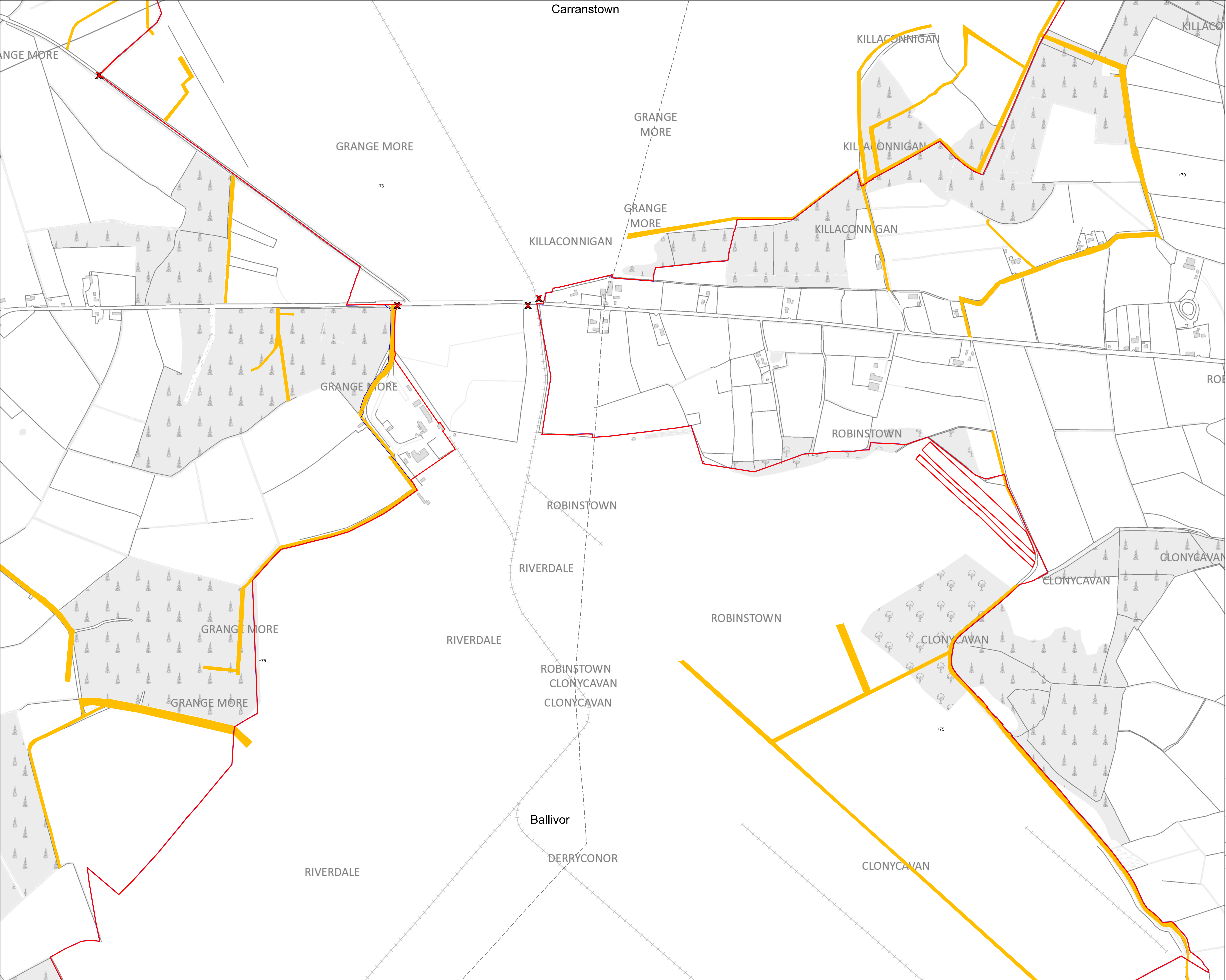
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SCALE: 1:5,000 @ A1	DATE: 30.07.2024

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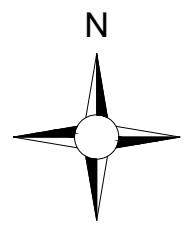


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Drawing Legend

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



Site Notice Location Map E

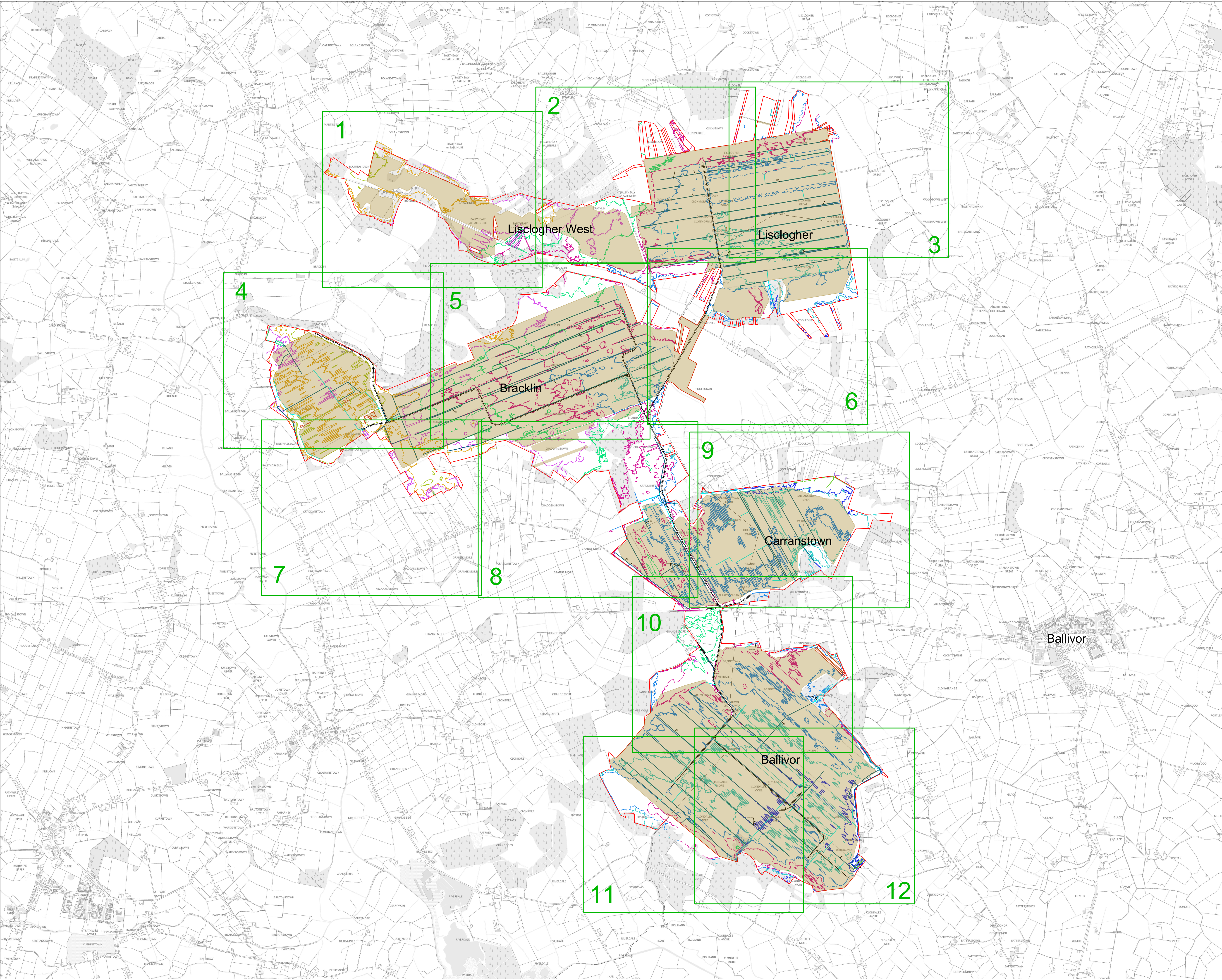
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SCALE: 1:5,000 @ A1	DATE: 30.07.2024

OS SHEET No.: 2635, 2636, 2638, 2637, 2705, 2706, 2707, 2708, 2774, 2775, 2776, 2777, 2842, 2843, 2844, 2845



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Note:
Please Refer to the Peat Extraction Layouts for 1988, 1995, 2004, and 2020 for further details showing the areas that were subject to drainage and peat extraction across those periods

Please refer to the Drainage Layouts, Drainage Infrastructure Sections, Settlement Pond Detail and Pump Detail drawings, for further details on the drainage infrastructure at the site

Drawing Legend

Planning Application Boundary

Bord na Móna Rail Lines

Areas Subjected to Peat Extraction 1988 - 2020

66m

68m

70m

72m

74m

76m

78m

80m

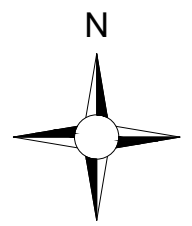
82m

84m

86m

88m

County Boundary



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Drawing Title:

Site Layout Key Plan

Project Title:
BnM Substitute Consent Application,
Ballivor Bog Group

Drawing By:
JOB/KD

Checked By:
Tommy Harlin

Project No.:
191137-f

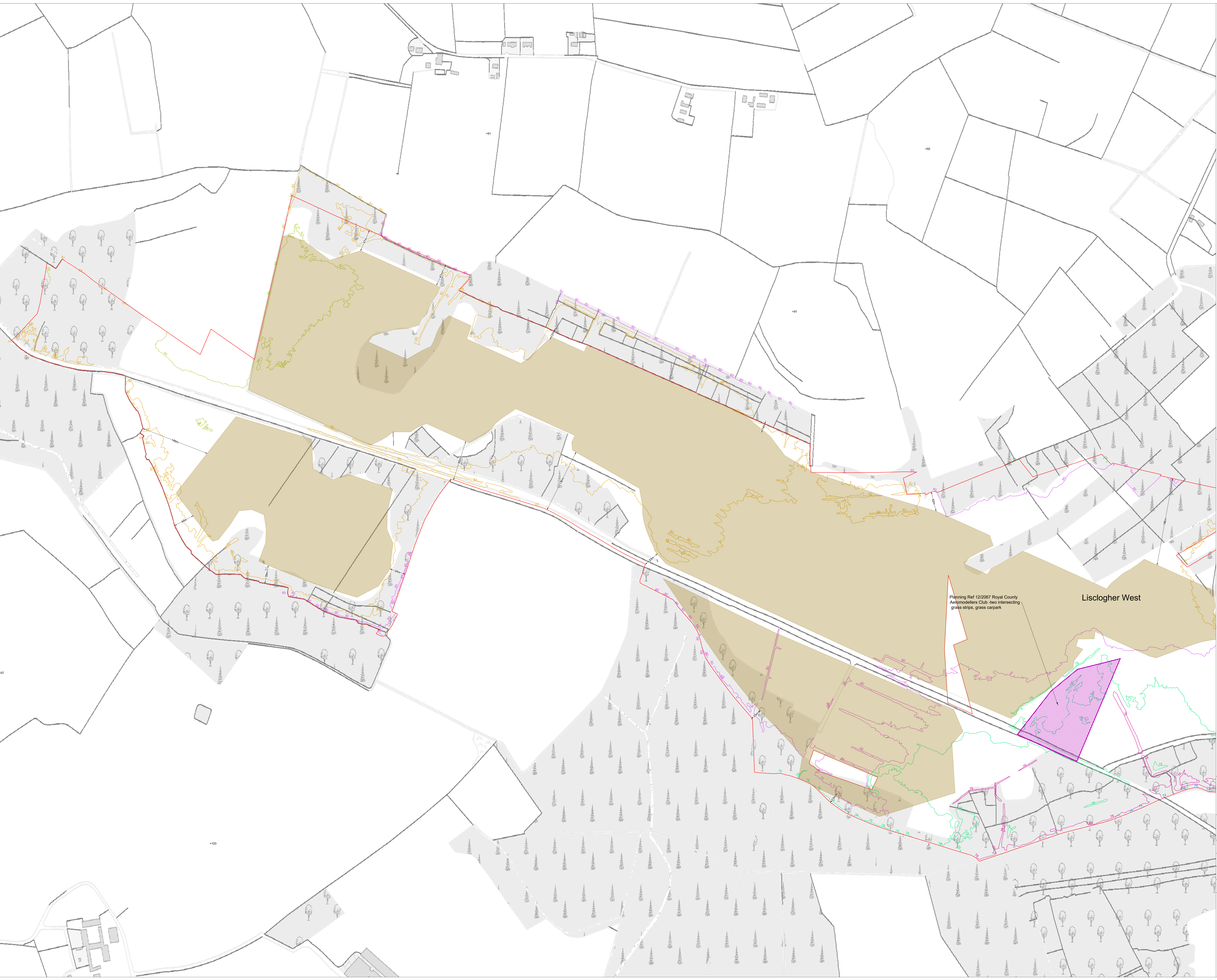
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191137-f - 03

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1:20,000 @ A1

Date:
30.07.2024

OS Sheet No.:
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Drawing Legend

- Planning Application Boundary
- 66m
- 68m
- 70m
- 72m
- 74m
- 76m
- 78m
- 80m
- 82m
- 84m
- 86m
- 88m
- Areas Subjected to Peat Extraction 1988 - 2020

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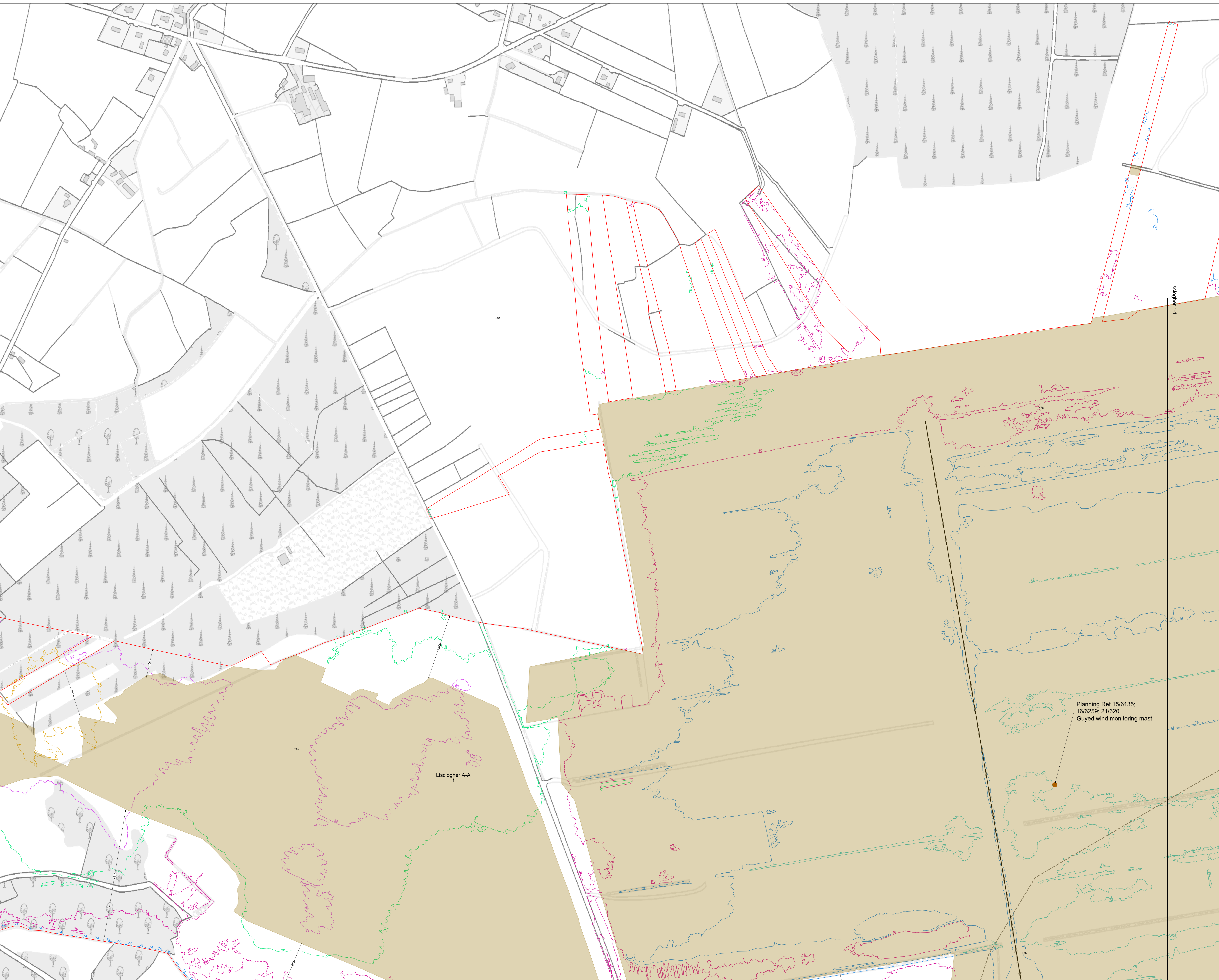
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**Site Layout Plan
Sheet 1 of 12**

PROJECT TITLE:
**BnM Substitute Consent Application,
Ballivor Bog Group**

DRAWING BY: JOB/KD	CHECKED BY: Tommy Harlin
PROJECT No.: 191137-f	DRAWING No.: 191137-f - 03a
SCALE: 1:2,500 @ A0	DATE: 30.07.2024

OS SHEET No.: 2635, 2636, 2636, 2637, 2705, 2706, 2707, 2708, 2714, 2715, 2716, 2717, 2842, 2843, 2844, 2845

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Drawing Legend

- Planning Application Boundary
- 66m
- 68m
- 70m
- 72m
- 74m
- 76m
- 78m
- 80m
- 82m
- 84m
- 86m
- 88m
- Areas Subjected to Peat Extraction 1988 - 2020
- Bord na Móna Rail Lines
- County Boundary

DRAWING TITLE:
**Site Layout Plan
Sheet 2 of 12**

PROJECT TITLE:
**BnM Substitute Consent Application,
Ballivor Bog Group**

DRAWING BY: JOB/KD	CHECKED BY: Tommy Harlin
PROJECT No.: 191137-f	DRAWING No.: 191137-f - 03b
SCALE: 1:2,500 @ A0	DATE: 30.07.2024

OS SHEET No.: 2635, 2636, 2636, 2637, 2705, 2706, 2707, 2708, 2714, 2715, 2716, 2717, 2842, 2843, 2844, 2845

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Note:
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Please refer to the Drainage Layouts, Drainage Infrastructure Sections, Settlement Pond Detail and Pump Detail drawings, for further details on the drainage infrastructure at the site

Drawing Legend

- Planning Application Boundary
- 66m
- 68m
- 70m
- 72m
- 74m
- 76m
- 78m
- 80m
- 82m
- 84m
- 86m
- 88m
- Areas Subjected to Peat Extraction 1988 - 2020
- County Boundary

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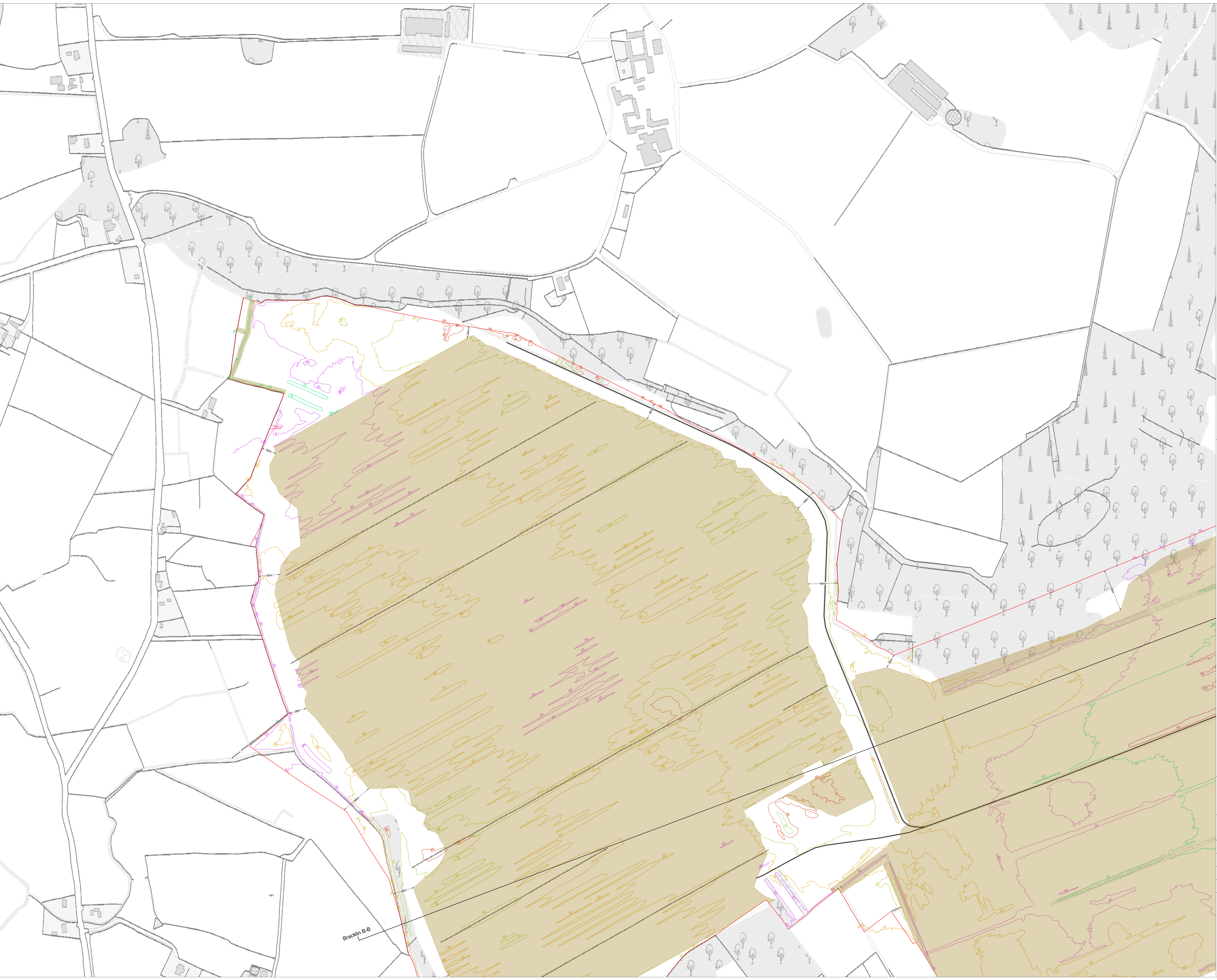
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Site Layout Plan
Sheet 3 of 12

PROJECT TITLE:
BnM Substitute Consent Application, Ballivor Bog Group

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PROJECT No.: 191137-f	DRAWING No.: 191137-f - 03c
SCALE: 1:2,500 @ A0	DATE: 30.07.2024

OS SHEET No: 2635, 2636, 2637, 2705, 2706, 2707, 2708, 2714, 2715, 2716, 2717, 2842, 2843, 2844, 2845

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Drawing Legend

- Planning Application Boundary
- 66m
- 68m
- 70m
- 72m
- 74m
- 76m
- 78m
- 80m
- 82m
- 84m
- 86m
- 88m
- Areas Subjected to Peat Extraction 1988 - 2020
- Bord na Móna Rail Lines

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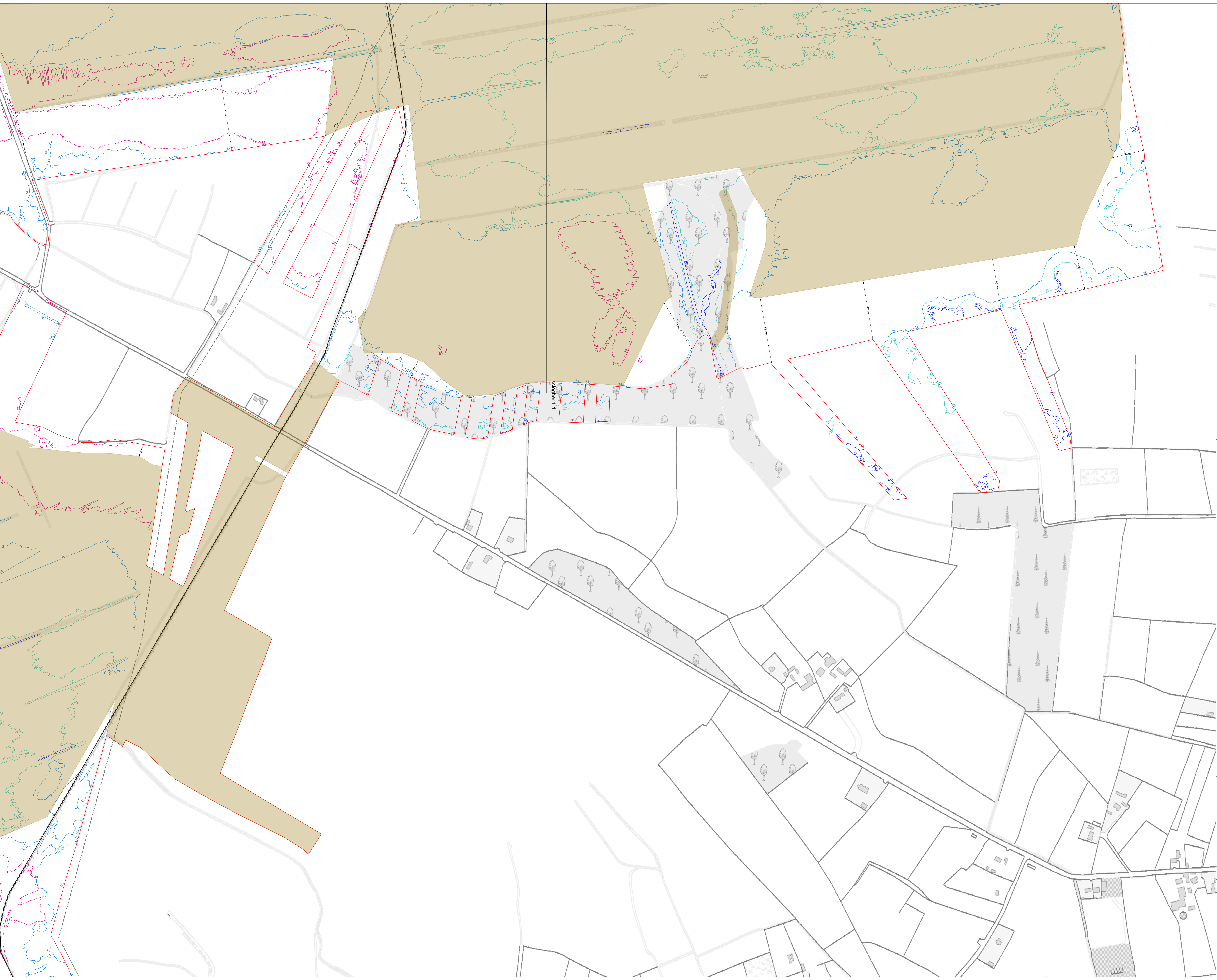
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**Site Layout Plan
Sheet 4 of 12**

PROJECT TITLE:
**BnM Substitute Consent Application,
Ballivor Bog Group**

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SCALE: 1:2,500 @ A0	DATE: 30.07.2024

OS SHEET No.: 2635, 2636, 2636, 2637, 2705, 2706, 2707, 2708, 2714, 2715, 2716, 2717, 2842, 2843, 2844, 2845

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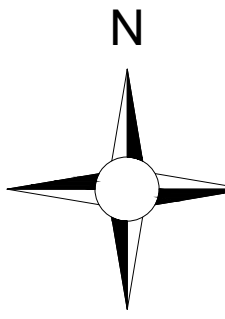
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- 66m
- 68m
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- 88m
- Areas Subjected to Peat Extraction 1988 - 2020
- Bord na Móna Rail Lines
- County Boundary

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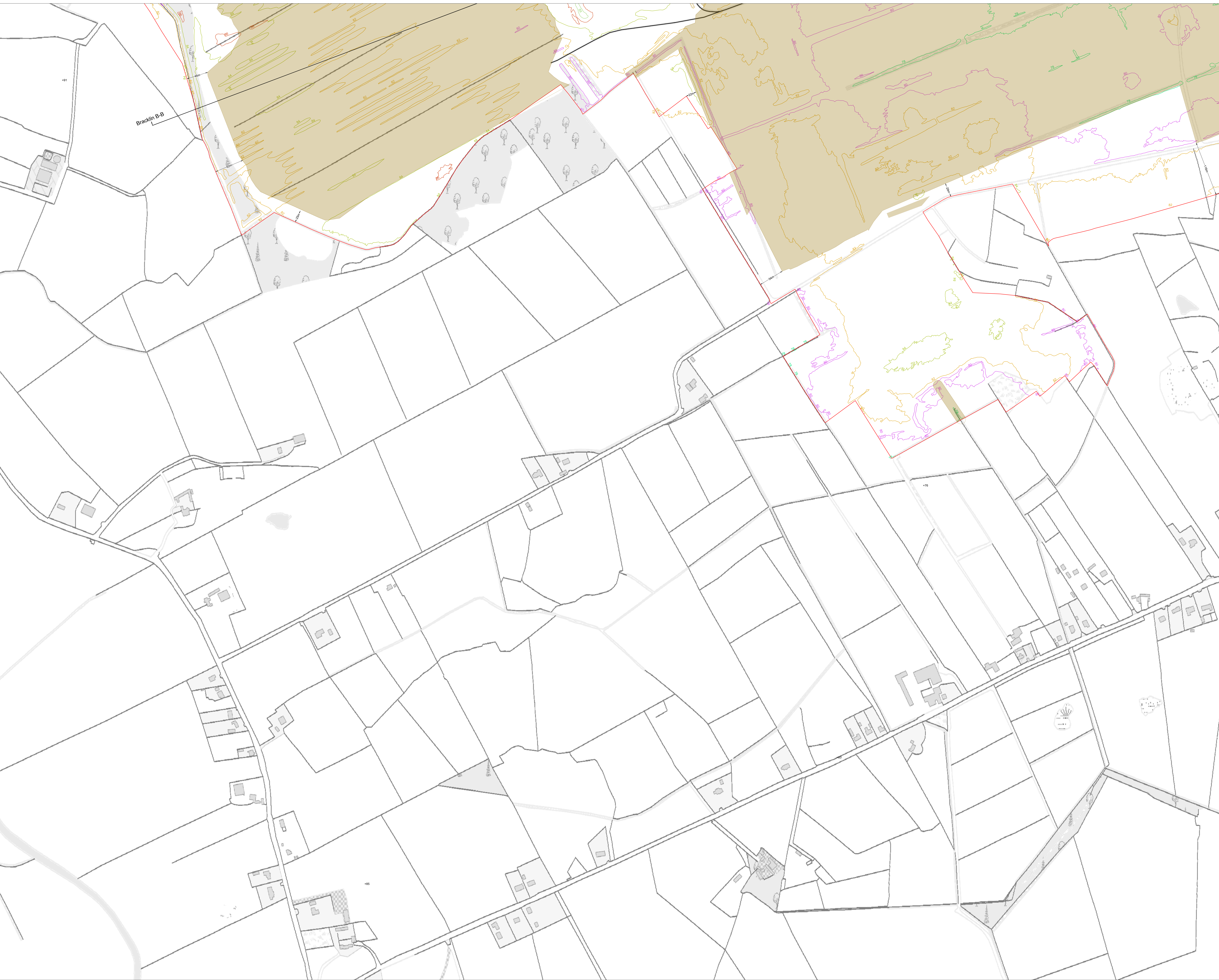


DRAWING TITLE:
**Site Layout Plan
Sheet 6 of 12**

PROJECT TITLE: BnM Substitute Consent Application, Ballivor Bog Group	
DRAWING BY: JOB/KD	CHECKED BY: Tommy Harlin
PROJECT No.: 191137-f	DRAWING No.: 191137-f - 03f
SCALE: 1:2,500 @ A0	DATE: 30.07.2024
OS SHEET No.: 2635, 2636, 2636, 2637, 2705, 2706, 2707, 2708, 2714, 2715, 2716, 2717, 2842, 2843, 2844, 2845	



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Drawing Legend

- Planning Application Boundary
- 66m
- 68m
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- 88m
- Areas Subjected to Peat Extraction 1988 - 2020
- Bord na Móna Rail Lines

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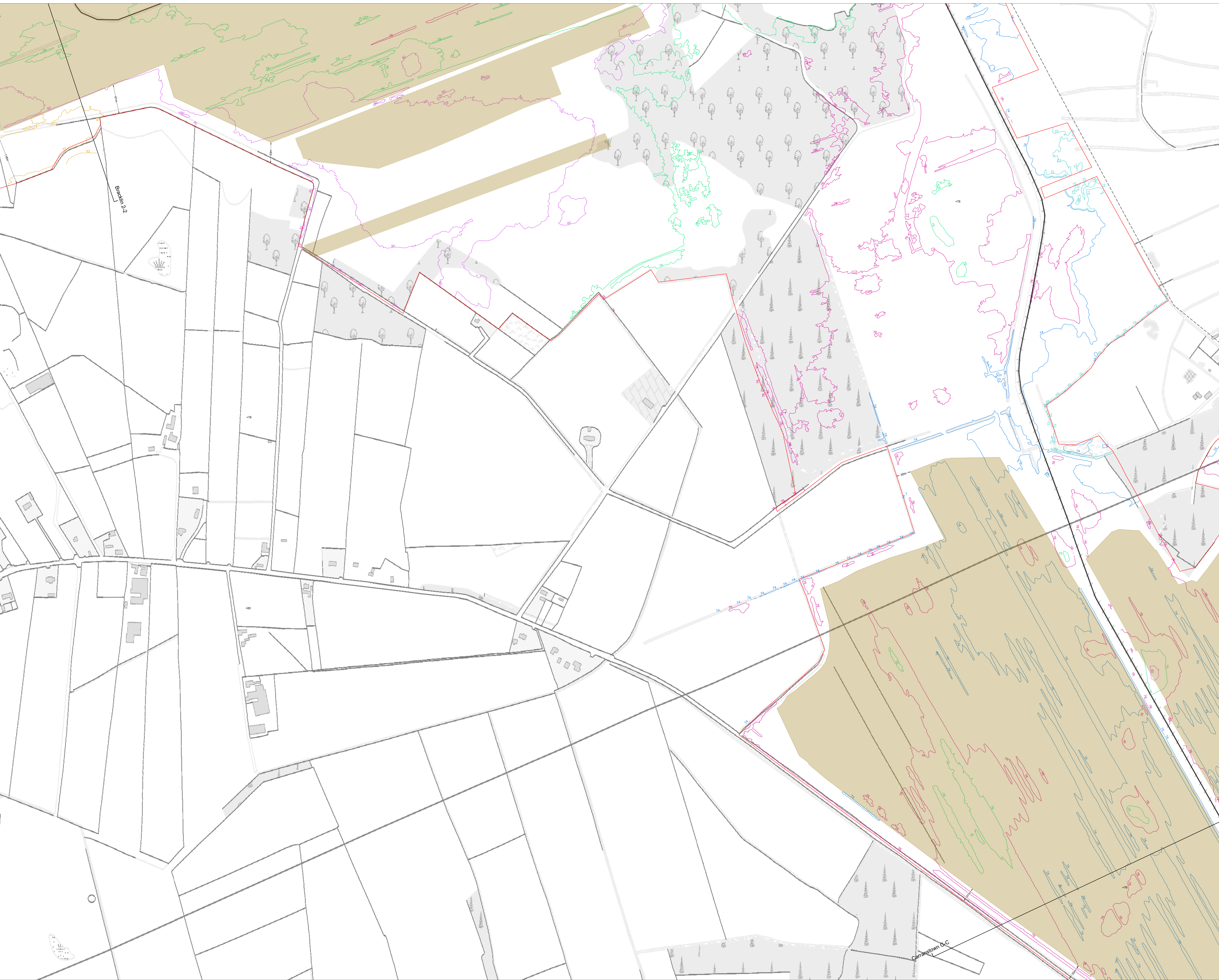
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**Site Layout Plan
Sheet 7 of 12**

PROJECT TITLE:
**BnM Substitute Consent Application,
Ballivor Bog Group**

DRAWING BY: JOB/KD	CHECKED BY: Tommy Harlin
PROJECT No.: 191137-f	DRAWING No.: 191137-f - 03g
SCALE: 1:2,500 @ A0	DATE: 30.07.2024

OS SHEET No: 2635, 2636, 2636, 2637, 2705, 2706, 2707, 2708, 2714, 2715, 2716, 2717, 2842, 2843, 2844, 2845

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- 68m
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- 76m
- 78m
- 80m
- 82m
- 84m
- 86m
- 88m
- Areas Subjected to Peat Extraction 1988 - 2020
- Bord na Móna Rail Lines
- County Boundary

DRAWING TITLE:
**Site Layout Plan
Sheet 8 of 12**

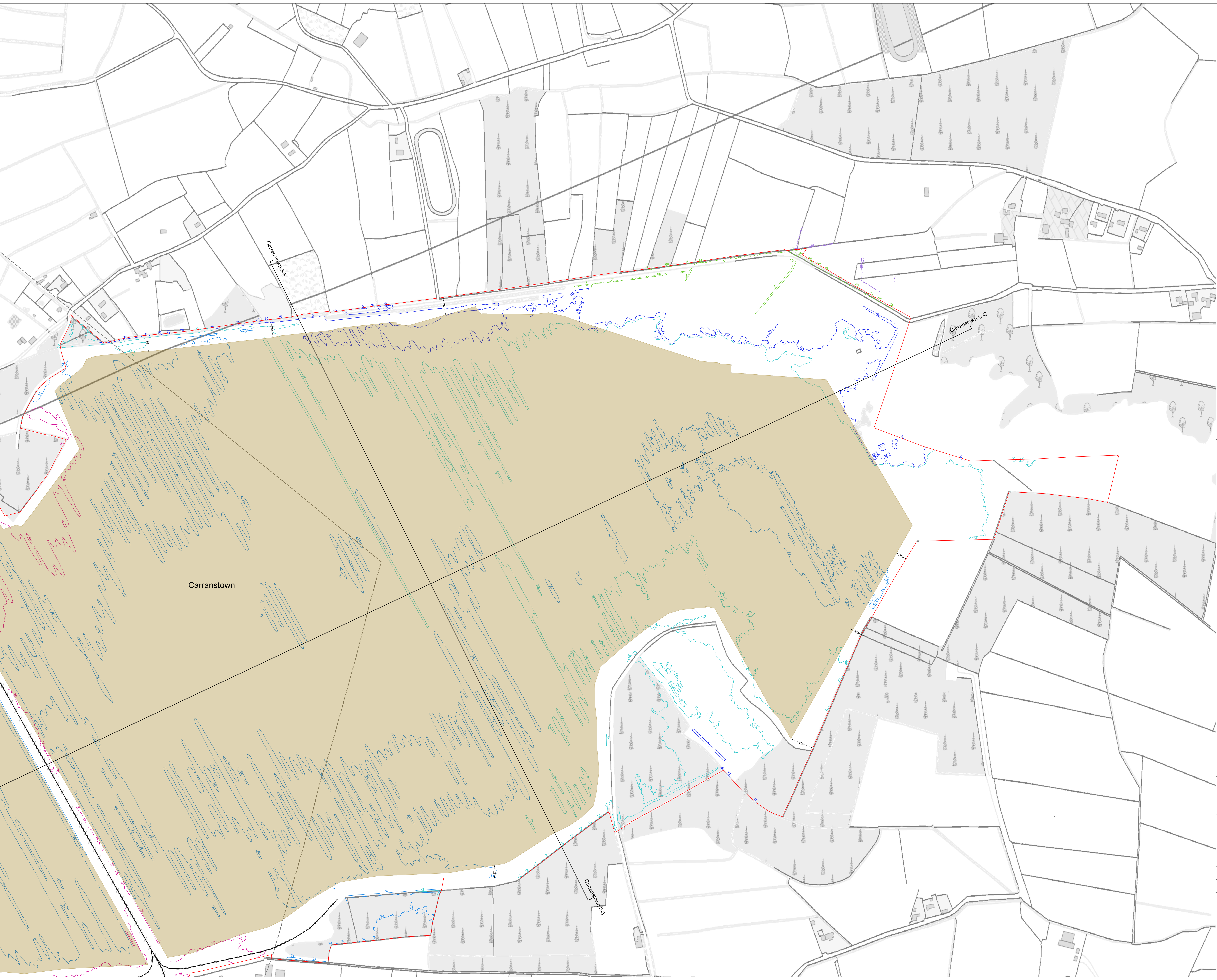
PROJECT TITLE:
**BnM Substitute Consent Application,
Ballivor Bog Group**

DRAWING BY: JOB/KD	CHECKED BY: Tommy Harlin
PROJECT No.: 191137-f	DRAWING No.: 191137-f - 03h
SCALE: 1:2,500 @ A0	DATE: 30.07.2024

OS SHEET No: 2635, 2636, 2636, 2637, 2705, 2706, 2707, 2708, 2714, 2715, 2716, 2717, 2842, 2843, 2844, 2845

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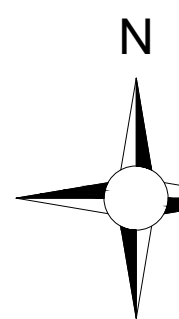
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Note:
Please Refer to the Peat Extraction Layouts
for 1988, 1995, 2004, and 2020 for further
details showing the areas that were subject
to drainage and peat extraction across those
periods

Please refer to the Drainage Layouts,
Drainage Infrastructure Sections, Settlement
Pond Detail and Pump Detail drawings, for
further details on the drainage infrastructure
at the site

- Drawing Legend
- Planning Application Boundary
 - 66m
 - 68m
 - 70m
 - 72m
 - 74m
 - 76m
 - 78m
 - 80m
 - 82m
 - 84m
 - 86m
 - 88m
 - Areas Subjected to Peat Extraction
1988 - 2020
 - Bord na Móna Rail Lines
 - County Boundary



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DRAWING TITLE: Site Layout Plan Sheet 9 of 12	
PROJECT TITLE: BnM Substitute Consent Application, Ballivor Bog Group	
DRAWING BY: JOB/KD	CHECKED BY: Tommy Harlin
PROJECT No.: 191137-f	DRAWING No.: 191137-f - 031
SCALE: 1:2,500 @ A0	DATE: 30.07.2024
OS SHEET No.: 2635, 2636, 2636, 2637, 2705, 2706, 2707, 2708, 2714, 2715, 2716, 2717, 2842, 2843, 2844, 2845	



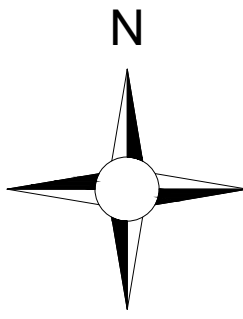
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Note:
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Please refer to the Drainage Layouts, Drainage Infrastructure Sections, Settlement Pond Detail and Pump Detail drawings, for further details on the drainage infrastructure at the site

- Drawing Legend
- Planning Application Boundary
 - 66m
 - 68m
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 - 72m
 - 74m
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 - 84m
 - 86m
 - 88m
 - Areas Subjected to Peat Extraction 1988 - 2020
 - Bord na Móna Rail Lines
 - County Boundary



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DRAWING TITLE: Site Layout Plan Sheet 10 of 12	
PROJECT TITLE: BnM Substitute Consent Application, Ballivor Bog Group	
DRAWING BY: JOB/KD	CHECKED BY: Tommy Harlin
PROJECT No.: 191137-f	DRAWING No.: 191137-f - 03j
SCALE: 1:2,500 @ A0	DATE: 30.07.2024
OS SHEET No.: 2635, 2636, 2637, 2705, 2706, 2707, 2708, 2714, 2715, 2716, 2717, 2842, 2843, 2844, 2845	



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Drawing Legend

- Planning Application Boundary
- 66m
- 68m
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- 72m
- 74m
- 76m
- 78m
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- 84m
- 86m
- 88m
- Areas Subjected to Peat Extraction 1988 - 2020
- Bord na Móna Rail Lines
- County Boundary

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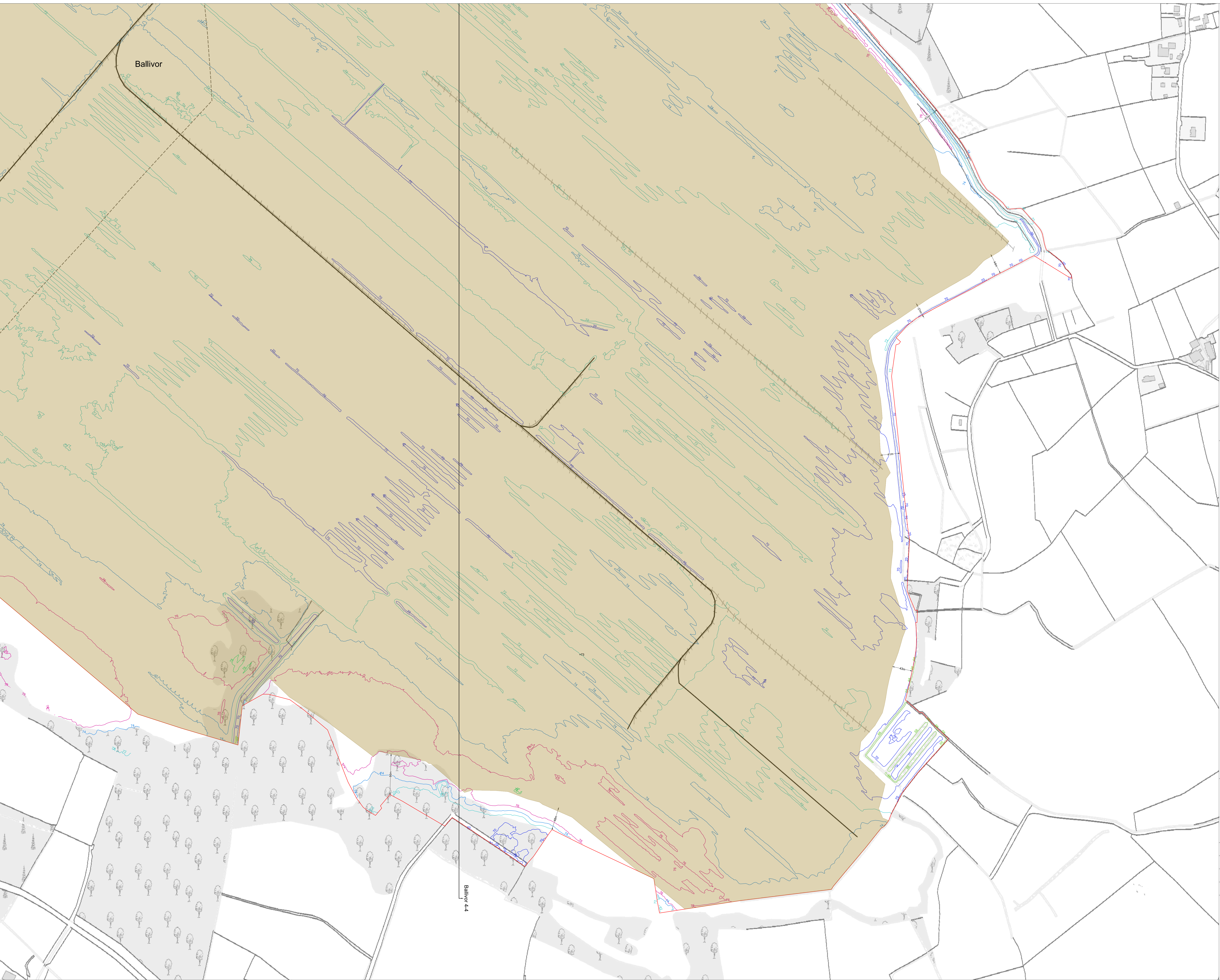
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**Site Layout Plan
Sheet 11 of 12**

PROJECT TITLE:
**BnM Substitute Consent Application,
Ballivor Bog Group**

DRAWING BY: JOB/KD	CHECKED BY: Tommy Harlin
PROJECT No.: 191137-f	DRAWING No.: 191137-f - 03k
SCALE: 1:2,500 @ A0	DATE: 30.07.2024

OS SHEET No.: 2635, 2636, 2636, 2637, 2705, 2706, 2707, 2708, 2714, 2715, 2716, 2717, 2842, 2843, 2844, 2845

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Please refer to the Drainage Layouts, Drainage Infrastructure Sections, Settlement Pond Detail and Pump Detail drawings, for further details on the drainage infrastructure at the site

Drawing Legend

- Planning Application Boundary
- 66m
- 68m
- 70m
- 72m
- 74m
- 76m
- 78m
- 80m
- 82m
- 84m
- 86m
- 88m
- Areas Subjected to Peat Extraction 1988 - 2020
- Bord na Móna Rail Lines
- County Boundary

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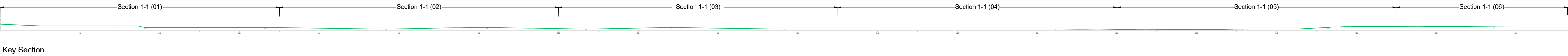
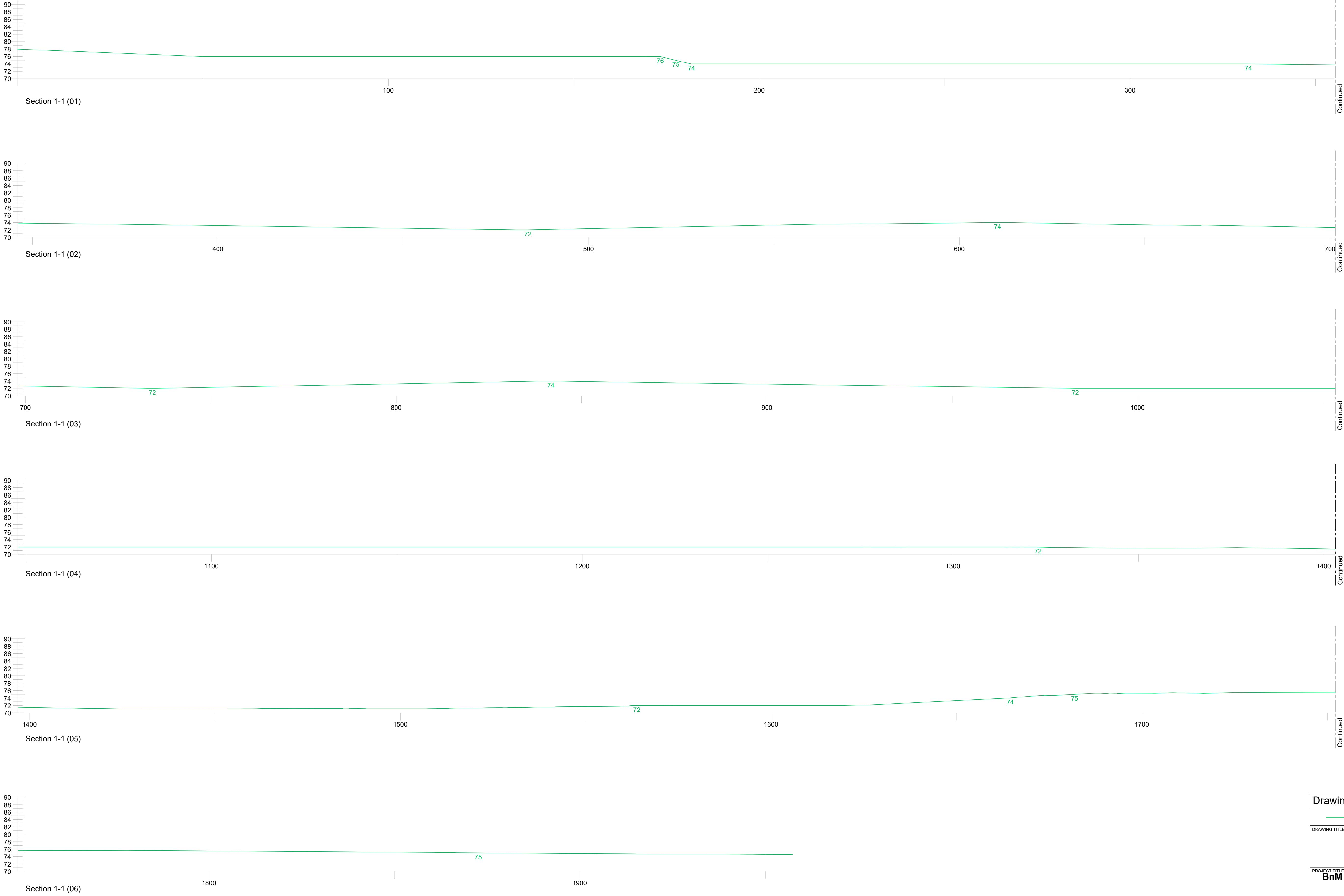
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**Site Layout Plan
Sheet 12 of 12**

PROJECT TITLE:
**BnM Substitute Consent Application,
Ballivor Bog Group**

DRAWING BY: JOB/KD	CHECKED BY: Tommy Harlin
PROJECT No.: 191137-f	DRAWING No.: 191137-f - 031
SCALE: 1:2,500 @ A0	DATE: 30.07.2024

OS SHEET No.: 2635, 2636, 2637, 2705, 2706, 2707, 2708, 2714, 2715, 2716, 2717, 2842, 2843, 2844, 2845

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Drawing Legend

Section Line / Levels

DRAWING TITLE:

Lisclogher Bog
Section 1-1

PROJECT TITLE:

BnM Substitute Consent Application,
Ballivor Bog Group

DRAWING BY:

JOB/KD

CHECKED BY:

Tommy Harlin

PROJECT No.:

191137-f

DRAWING No.:

191137-f - 10

SCALE:

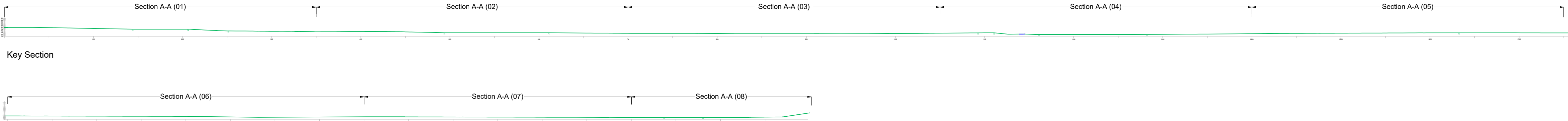
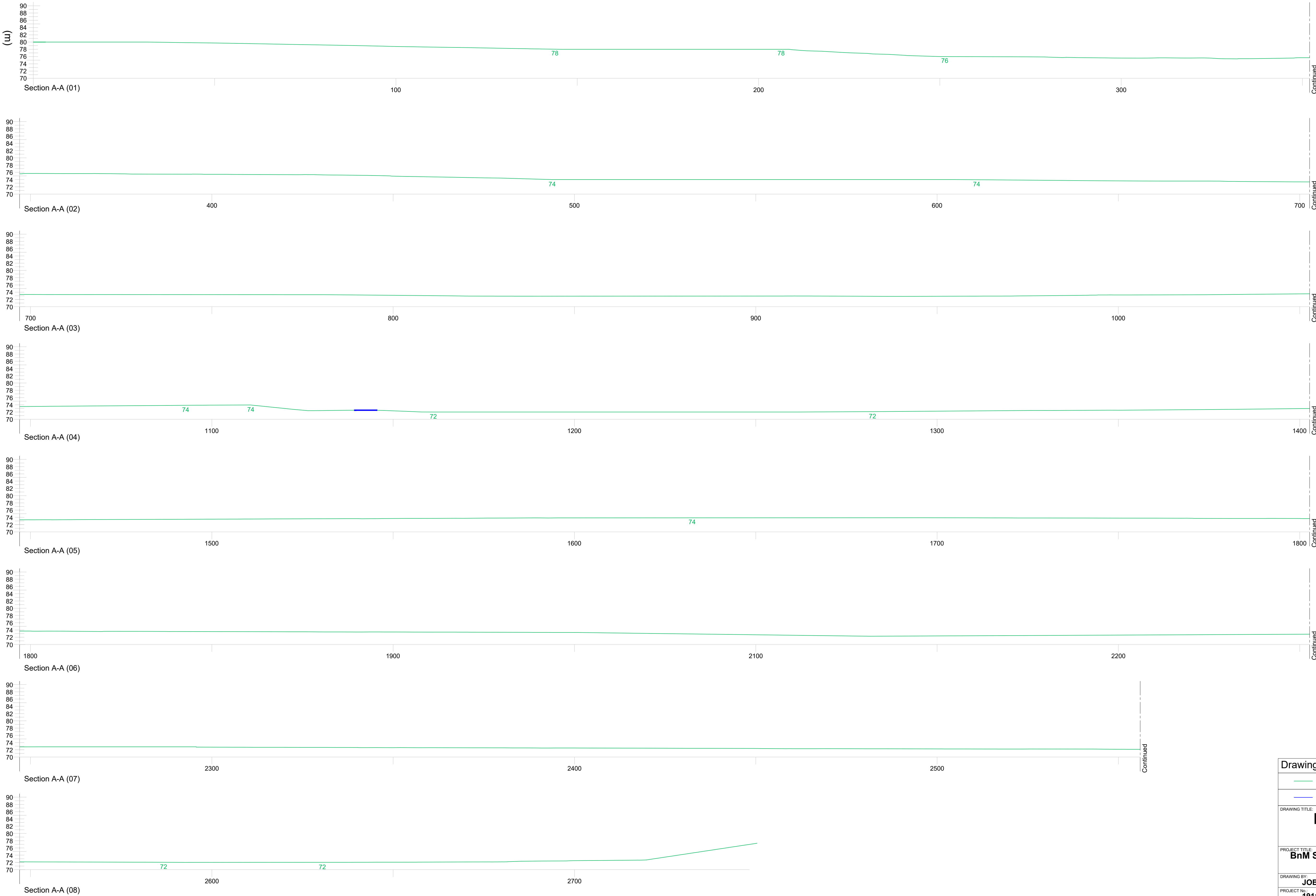
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Drawing Legend

Section Line / Levels

Existing Rail Way

DRAWING TITLE:

Lisclogher Bog
Section A-A

PROJECT TITLE:

BnM Substitute Consent Application,
Ballivor Bog Group

DRAWING BY:

JOB/KD

CHECKED BY:

Tommy Harlin

PROJECT No.:

191137-f

DRAWING No.:

191137-f - 11

SCALE:

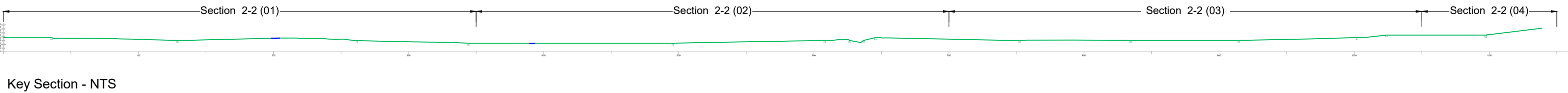
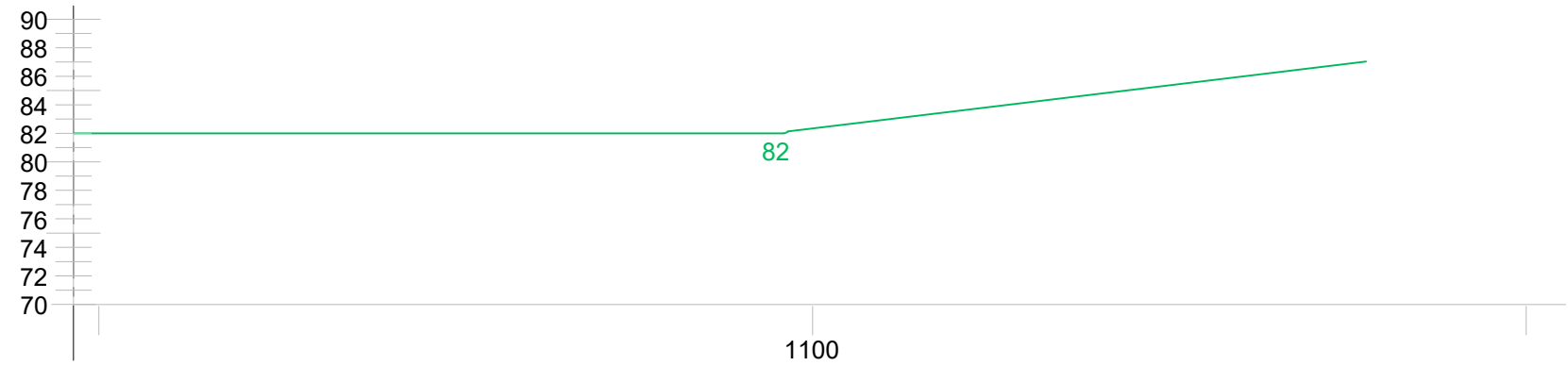
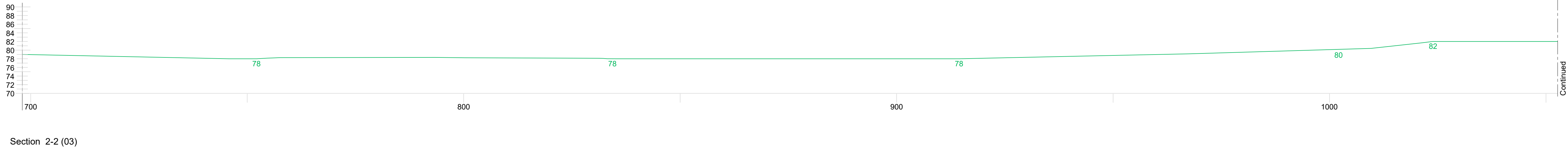
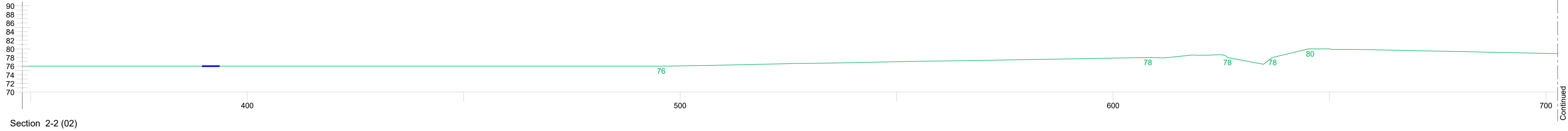
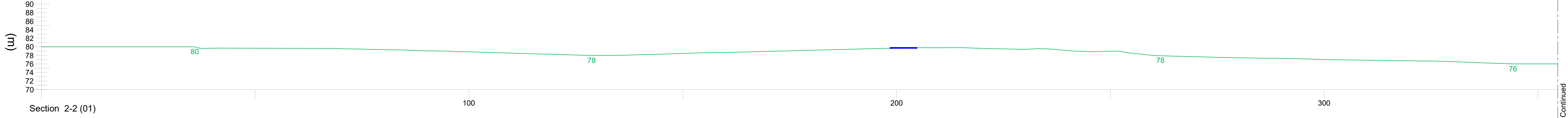
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Drawing Legend

Section Line / Levels

Existing Rail Way

DRAWING TITLE:

Bracklin Bog
Section 2-2

PROJECT TITLE:

BnM Substitute Consent Application,
Ballivor Bog Group

DRAWING BY:

JOB/KD

CHECKED BY:

Tommy Harlin

PROJECT No.:

191137-f

DRAWING No.:

191137-f - 12

SCALE:

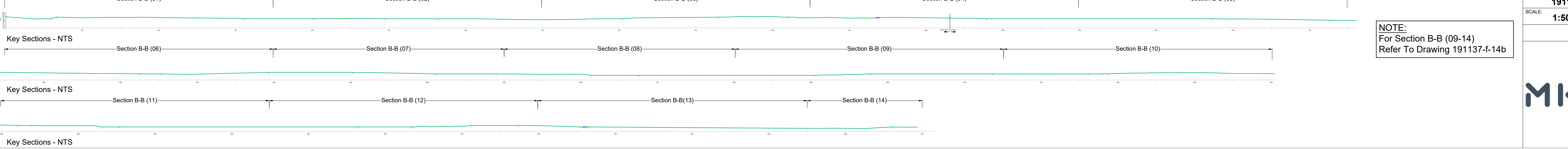
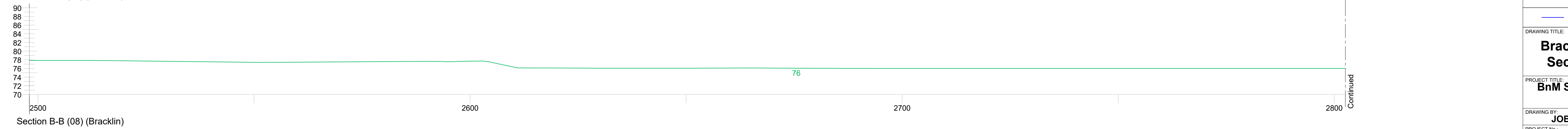
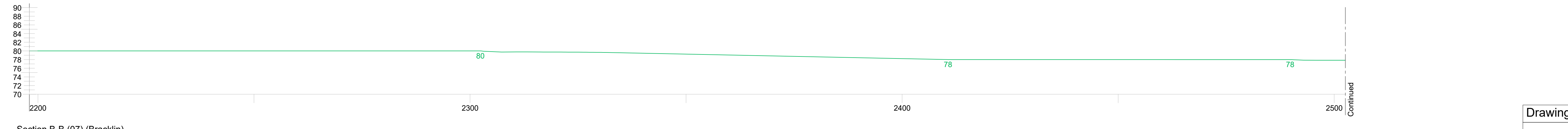
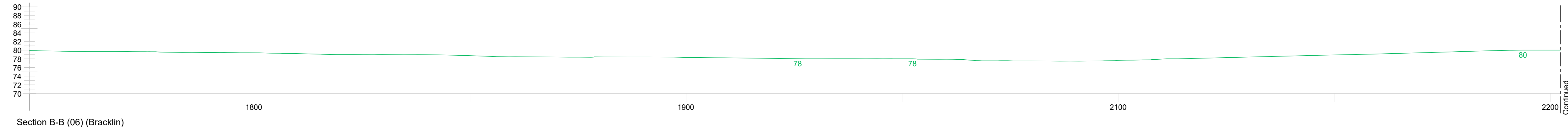
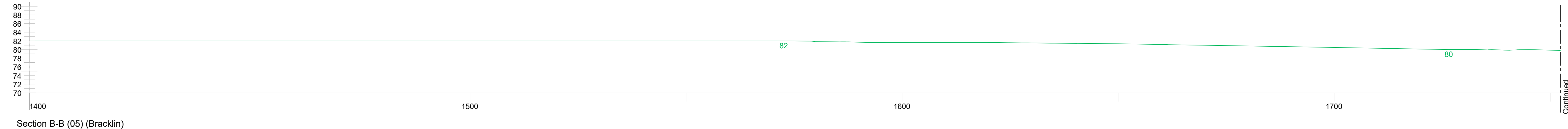
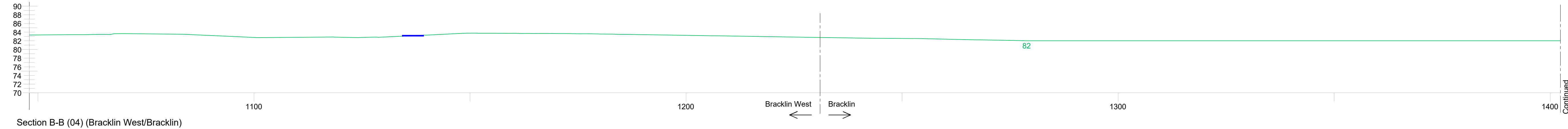
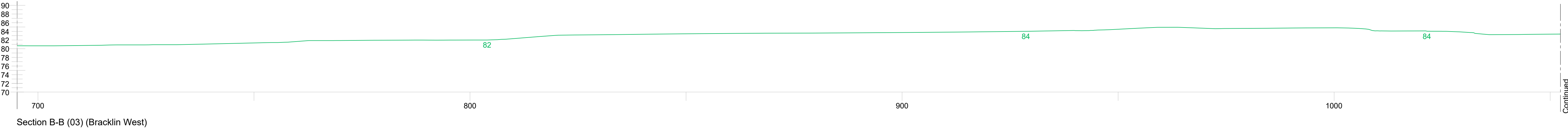
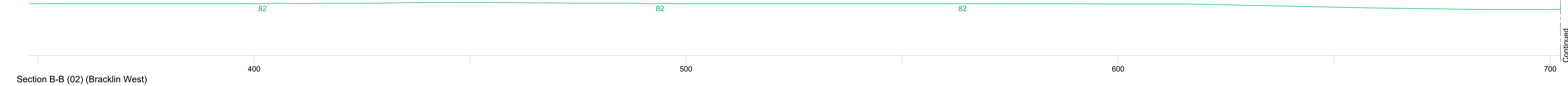
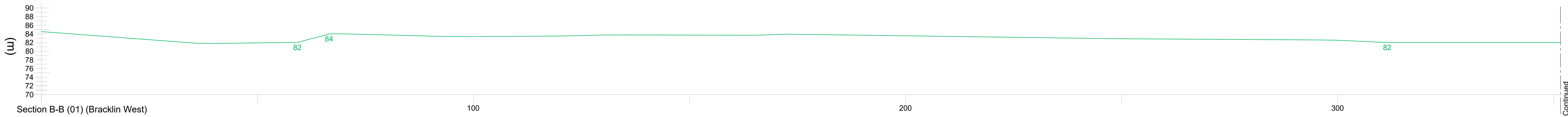
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NOTE:
For Section B-B (09-14)
Refer To Drawing 191137-f-14b

Drawing Legend

Section Line / Levels

Existing Rail Way

DRAWING TITLE:

Bracklin West / Bracklin Bog
Section B-B Sheet 01 of 02

PROJECT TITLE:

BnM Substitute Consent Application,
Ballivor Bog Group

DRAWING BY:

JOB/KD

CHECKED BY:

Tommy Harlin

PROJECT No.:

191137-f

DRAWING No.:

191137-f - 13a

SCALE:

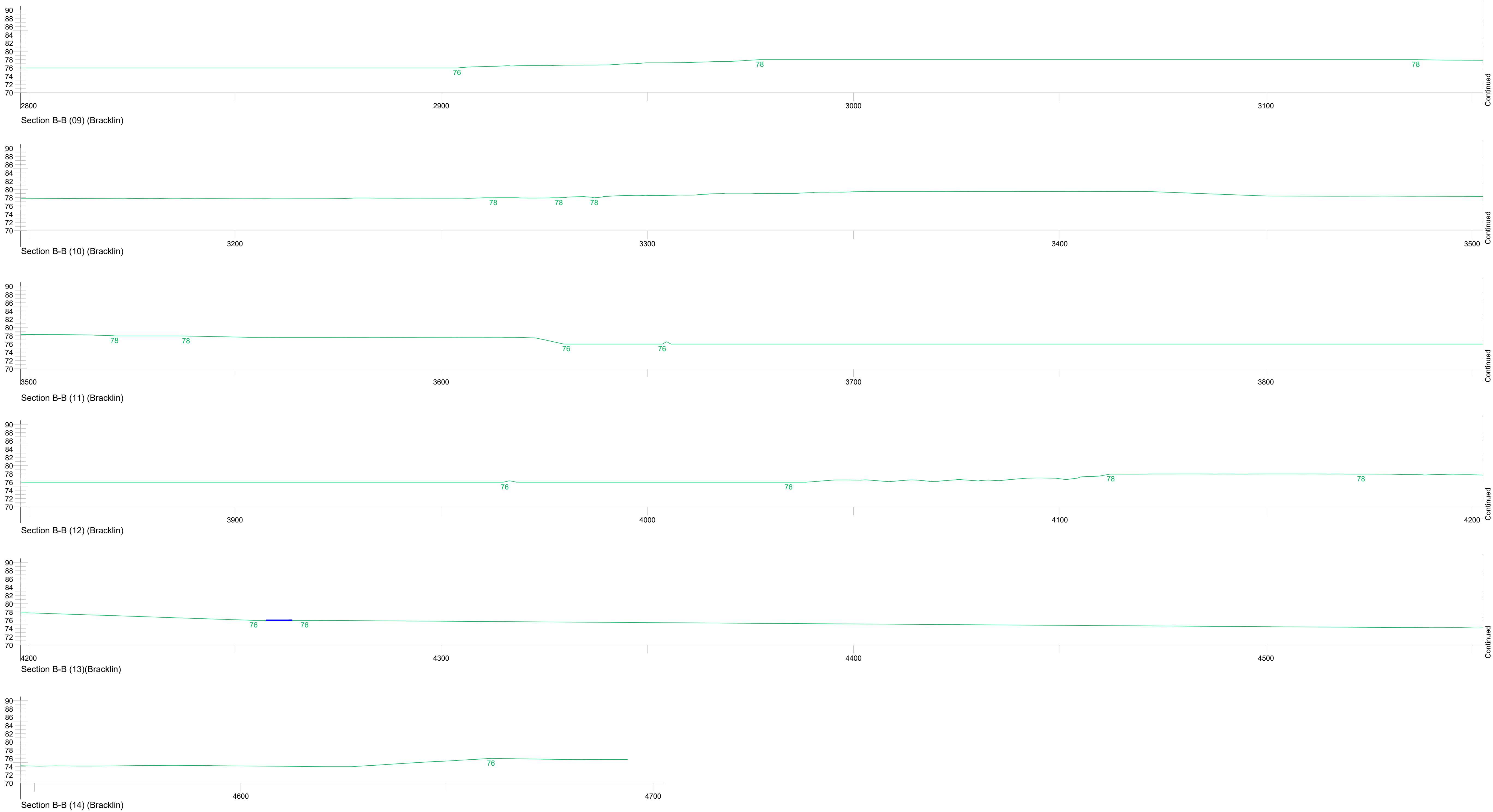
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NOTE:
For Section B-B (01-08)
Refer To Drawing 191137-f-14a

Drawing Legend

Section Line / Levels

Existing Rail Way

DRAWING TITLE:

Bracklin West / Bracklin Bog
Section B-B Sheet 02 of 02

PROJECT TITLE:

BnM Substitute Consent Application,
Ballivor Bog Group

DRAWING BY:

JOB/KD

CHECKED BY:

Tommy Harlin

PROJECT No.:

191137-f

DRAWING No.:

191137-f - 13b

SCALE:

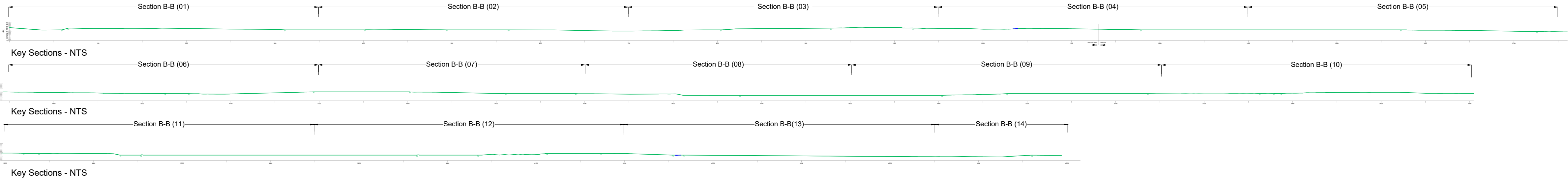
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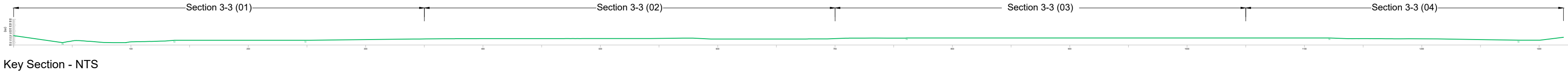
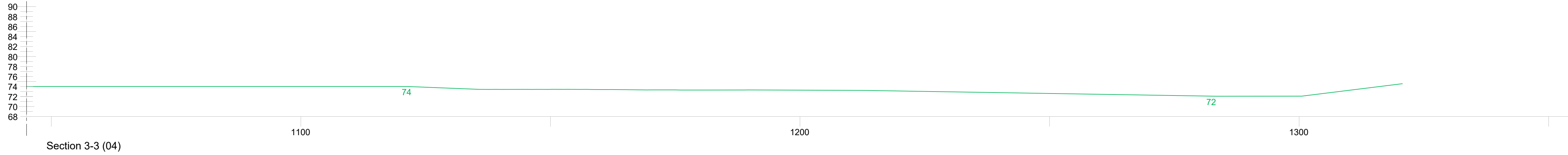
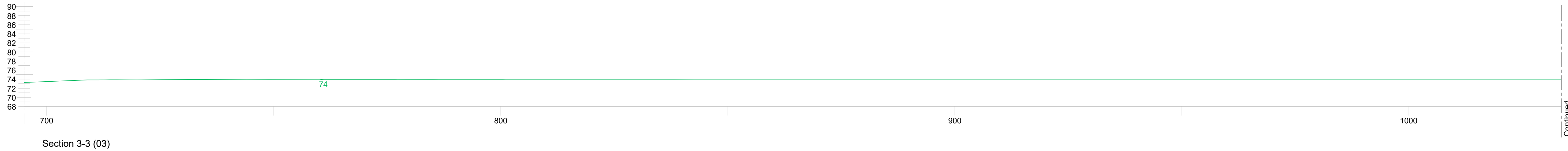
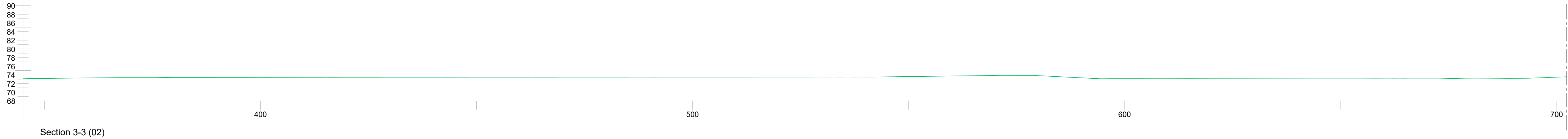
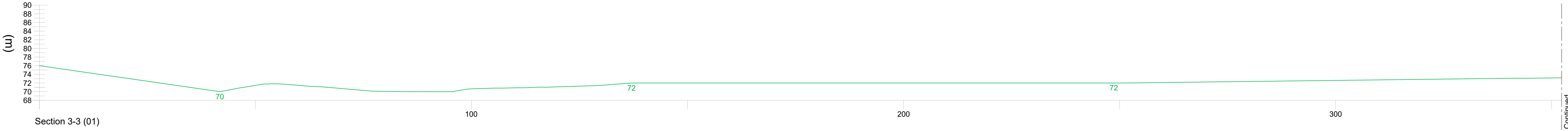
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Drawing Legend

Section Line / Levels

DRAWING TITLE:

Carranstown Bog
Section 3-3

PROJECT TITLE:

BnM Substitute Consent Application,
Ballivor Bog Group

DRAWING BY:

JOB/KD

CHECKED BY:

Tommy Harlin

PROJECT No.:

191137-f

DRAWING No.:

191137-f - 14

SCALE:

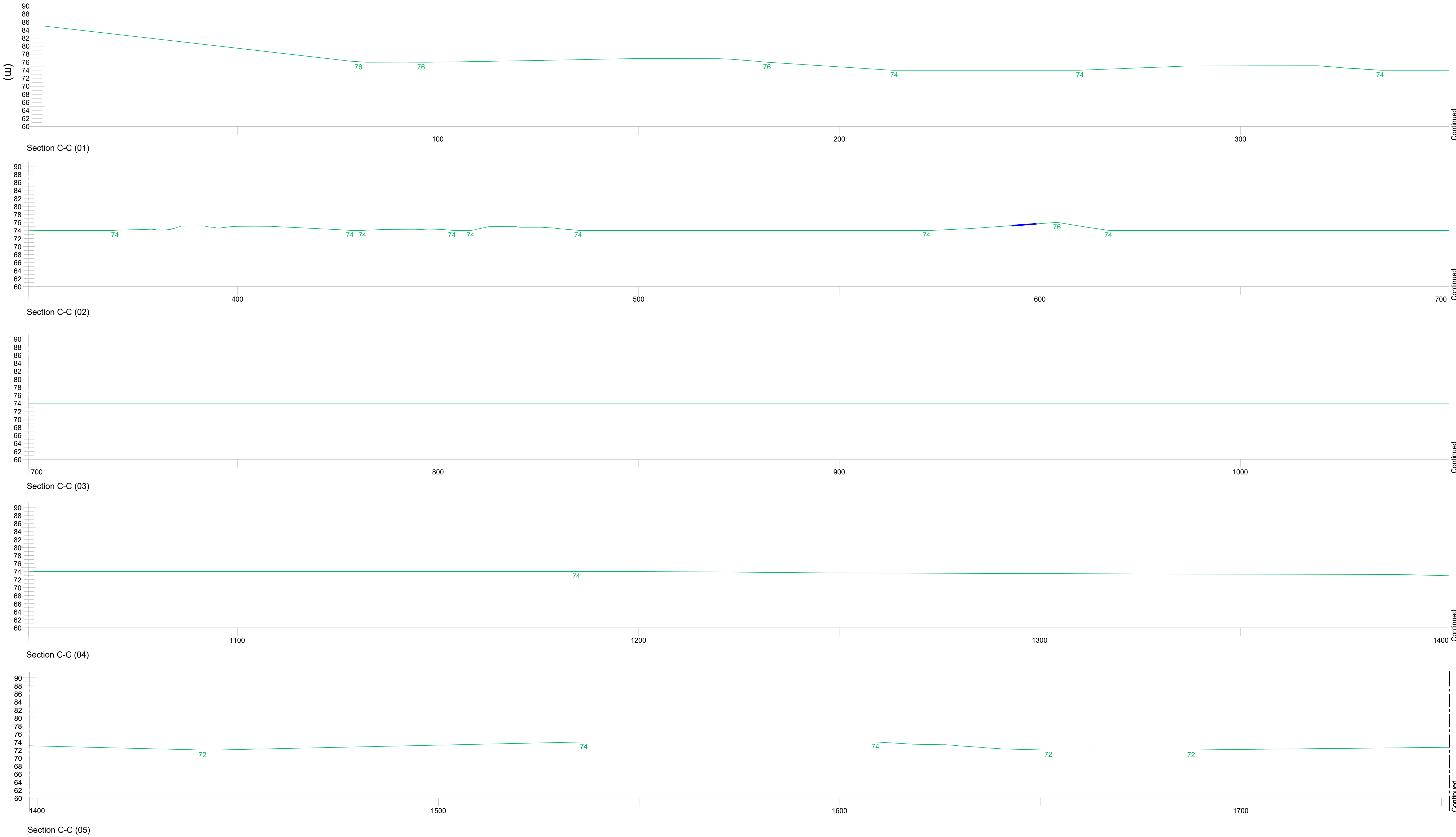
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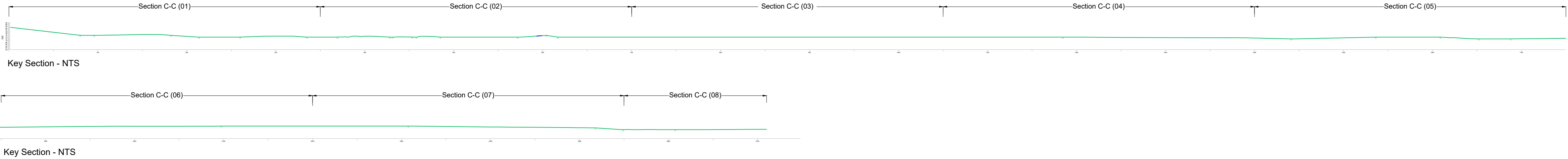
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NOTE:
For Section C-C (06-08)
Refer To Drawing 191137-f-16b



Drawing Legend

Section Line / Levels

Existing Rail Way

DRAWING TITLE:

Carranstown Bog
Section C-C
Sheet 01 of 02

PROJECT TITLE:

BnM Substitute Consent Application,
Ballivor Bog Group

DRAWING BY:

JOB/KD

CHECKED BY:

Tommy Harlin

PROJECT No.:

191137-f

DRAWING No.:

191137-f - 15a

SCALE:

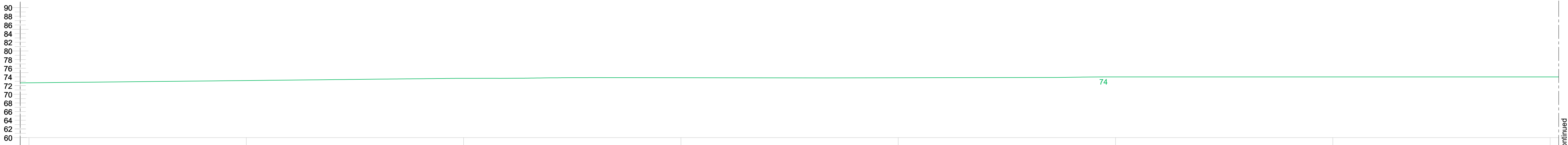
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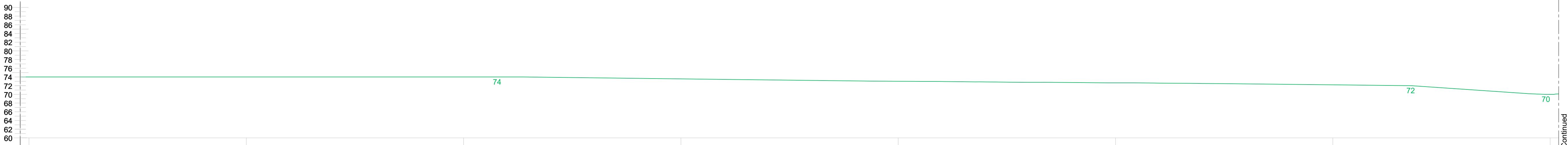
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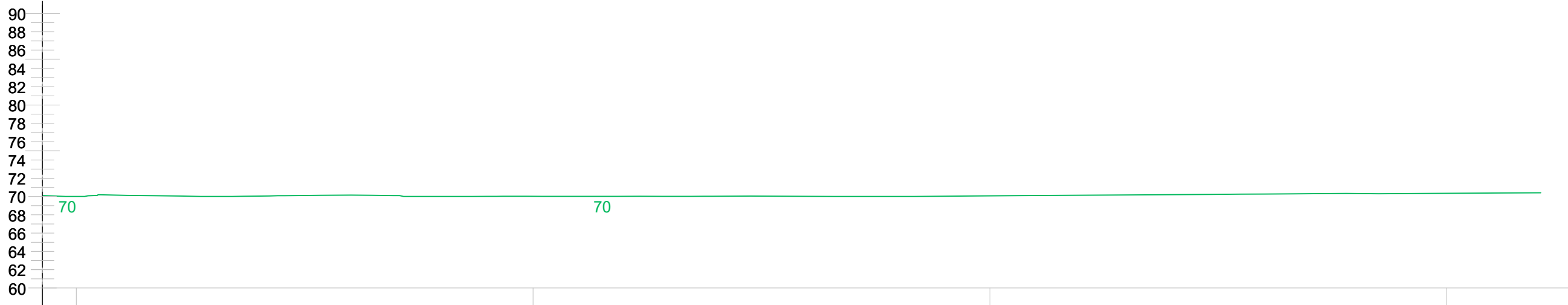
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Section C-C (06)

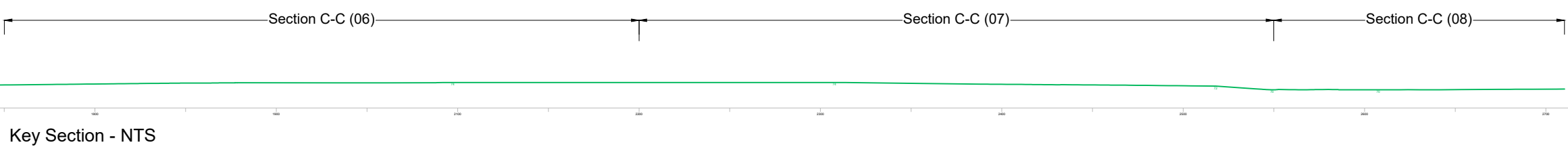
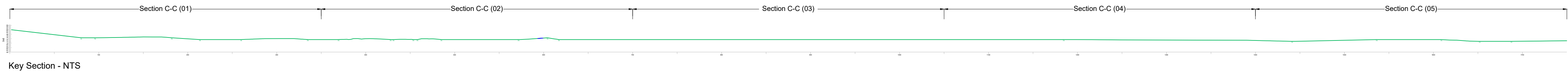


Section C-C (07)



Section C-C (08)

NOTE:
For Section C-C (01-05)
Refer To Drawing 191137-f-16a



Drawing Legend

Section Line / Levels

DRAWING TITLE:

Carranstown Bog
Section C-C
Sheet 02 of 02

PROJECT TITLE:

BnM Substitute Consent Application,
Ballivor Bog Group

DRAWING BY:

JOB/KD

CHECKED BY:

Tommy Harlin

PROJECT No.:

191137-f

DRAWING No.:

191137-f - 15b

SCALE:

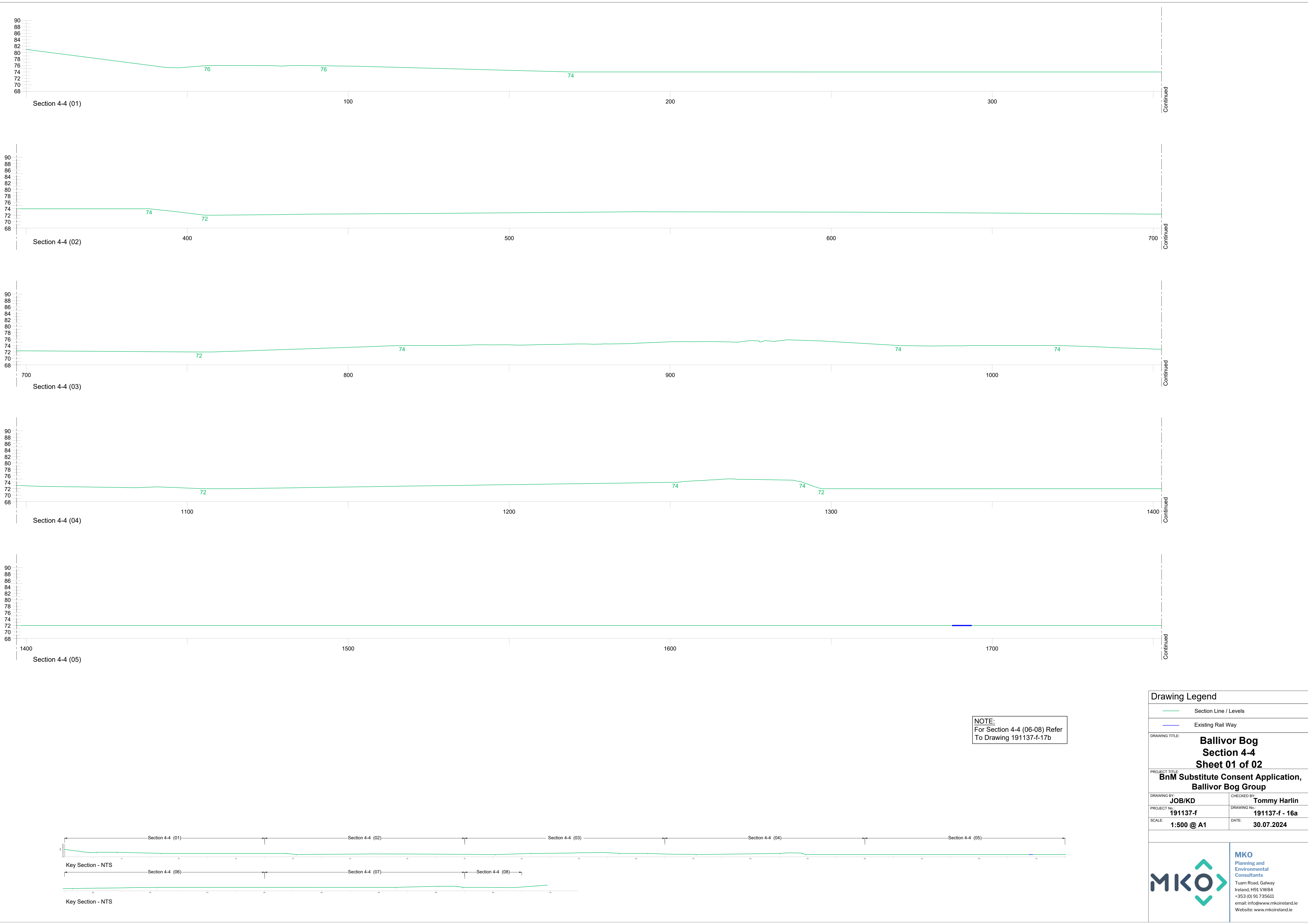
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30.07.2024



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Drawing Legend

Section Line / Levels

Existing Rail Way

DRAWING TITLE:

Ballivor Bog
Section 4-4
Sheet 01 of 02

PROJECT TITLE:

BnM Substitute Consent Application,
Ballivor Bog Group

DRAWING BY:

JOB/KD

CHECKED BY:

Tommy Harlin

PROJECT No.:

191137-f

DRAWING No.:

191137-f - 16a

SCALE:

1:500 @ A1

DATE:

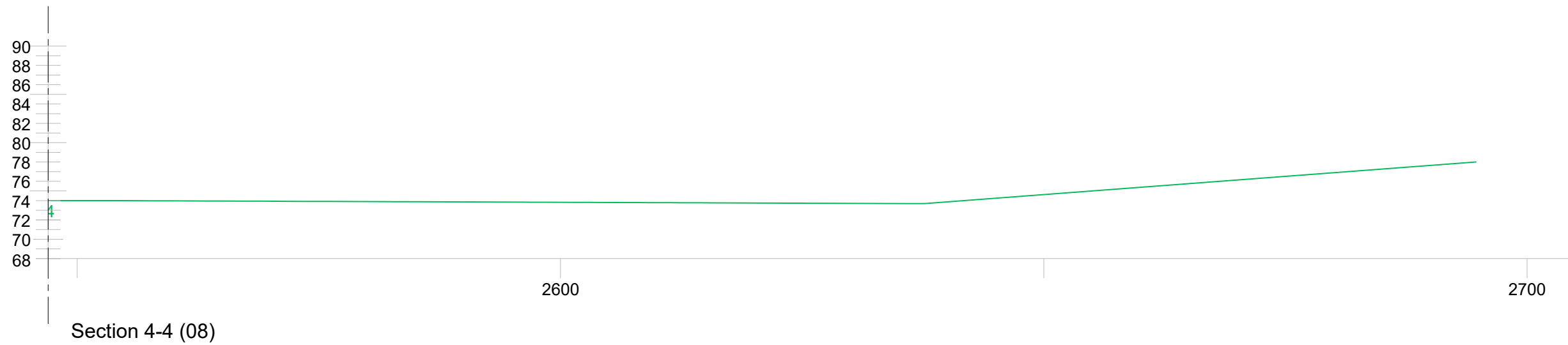
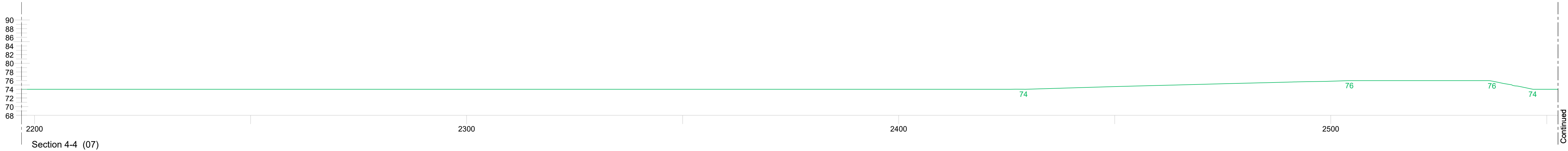
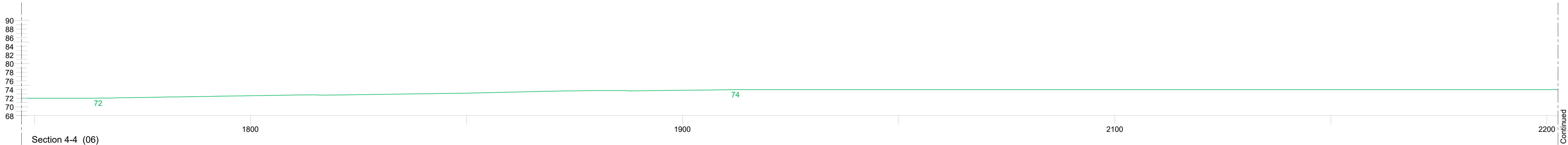
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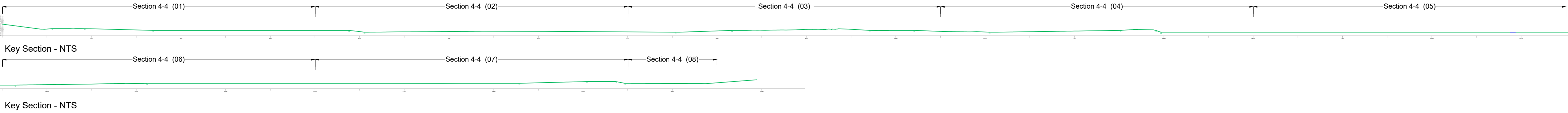
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For Section 4-4 (01-05)
Refer To Drawing 191137-f-17a

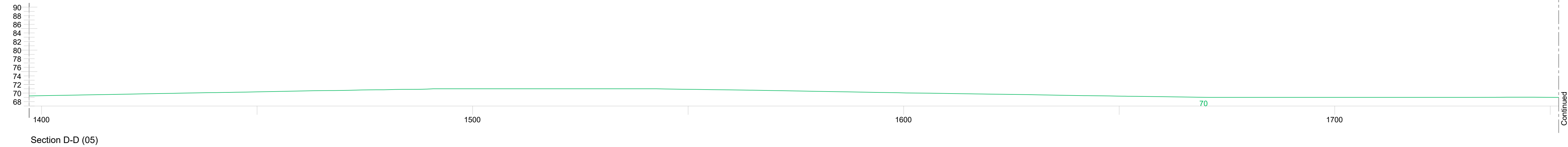
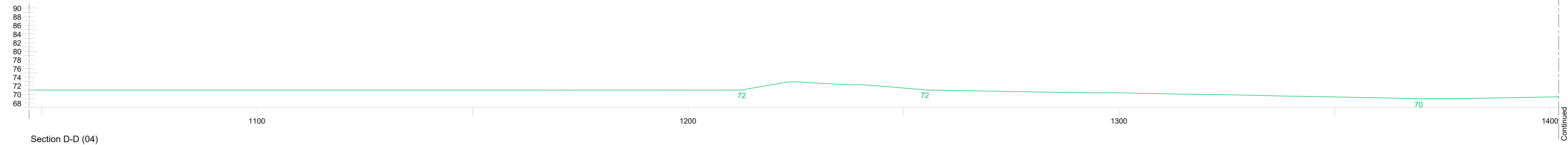
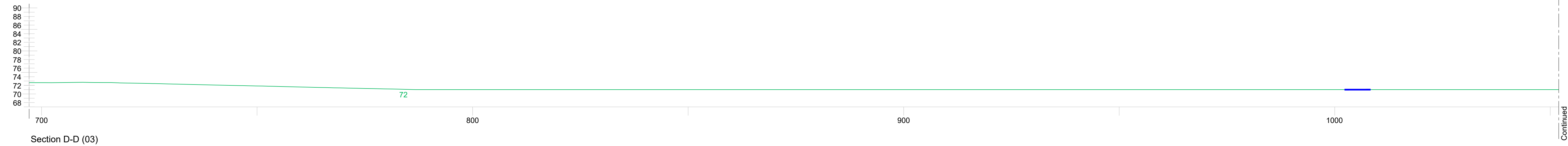
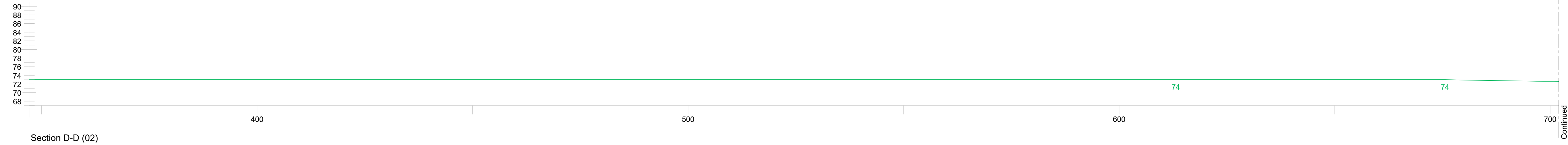
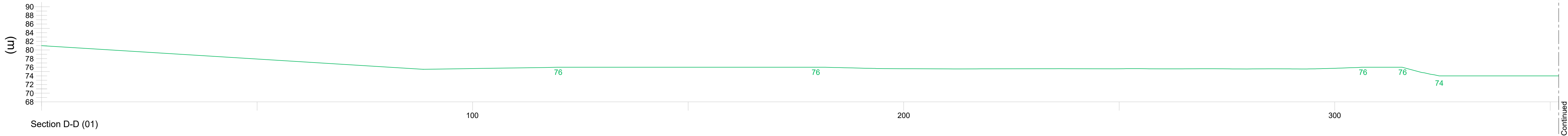
Drawing Legend

Section Line / Levels

DRAWING TITLE: Ballivor Bog Section 4-4 Sheet 02 of 02	
PROJECT TITLE: BnM Substitute Consent Application, Ballivor Bog Group	
DRAWING BY: JOB/KD	CHECKED BY: Tommy Harlin
PROJECT No.: 191137-f	DRAWING No.: 191137-f - 16b
SCALE: 1:500 @ A1	DATE: 30.07.2024

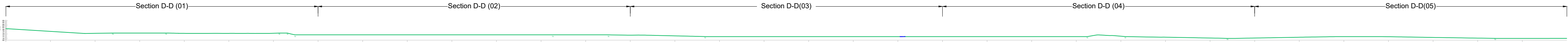
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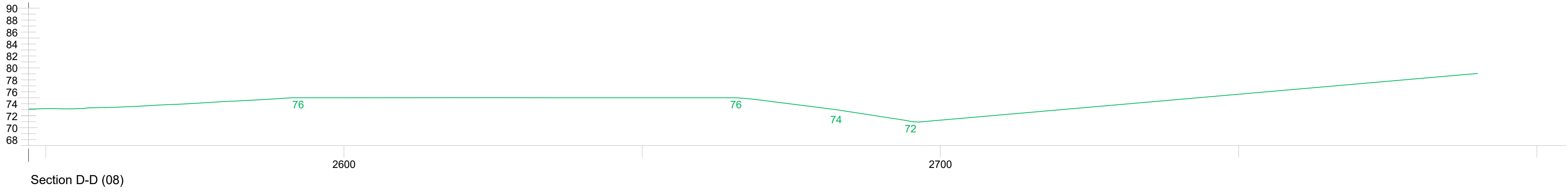
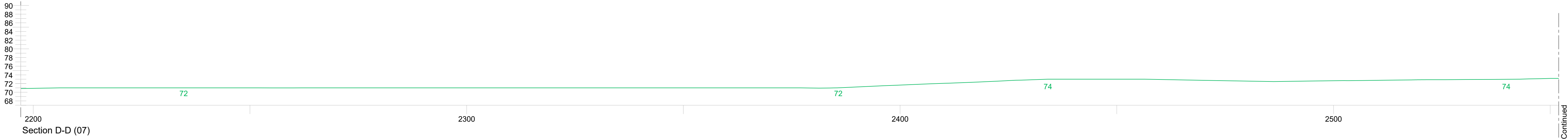
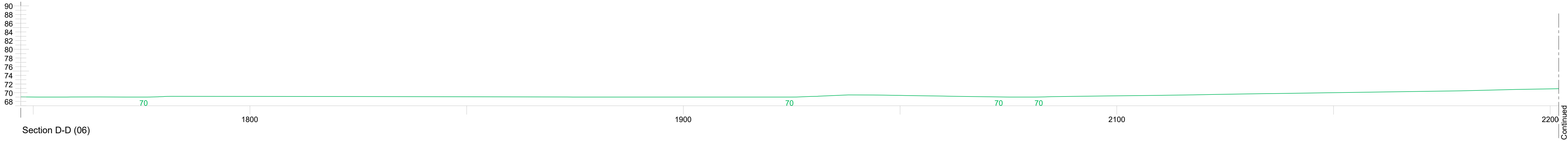




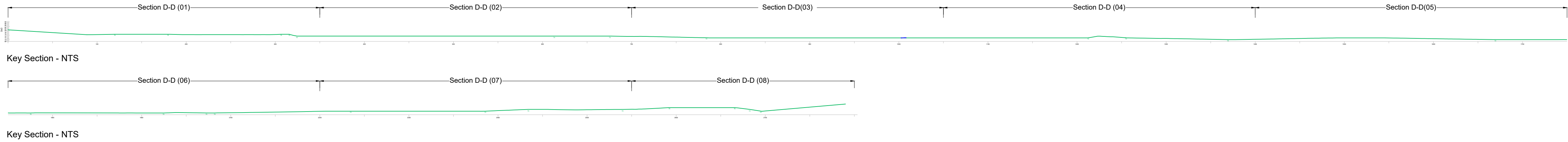
NOTE:
For Section D-D (06-08)
Refer To Drawing 191137-f-18b

Drawing Legend	
	Section Line / Levels
	Existing Rail Way
DRAWING TITLE: Ballivor Bog Section D-D Sheet 01 of 02	
PROJECT TITLE: BnM Substitute Consent Application, Ballivor Bog Group	
DRAWING BY: JOB/KD	CHECKED BY: Tommy Harlin
PROJECT No.: 191137-f	DRAWING No.: 191137-f - 17a
SCALE: 1:500 @ A1	DATE: 30.07.2024
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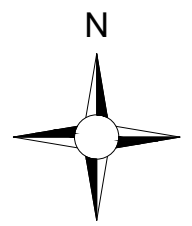
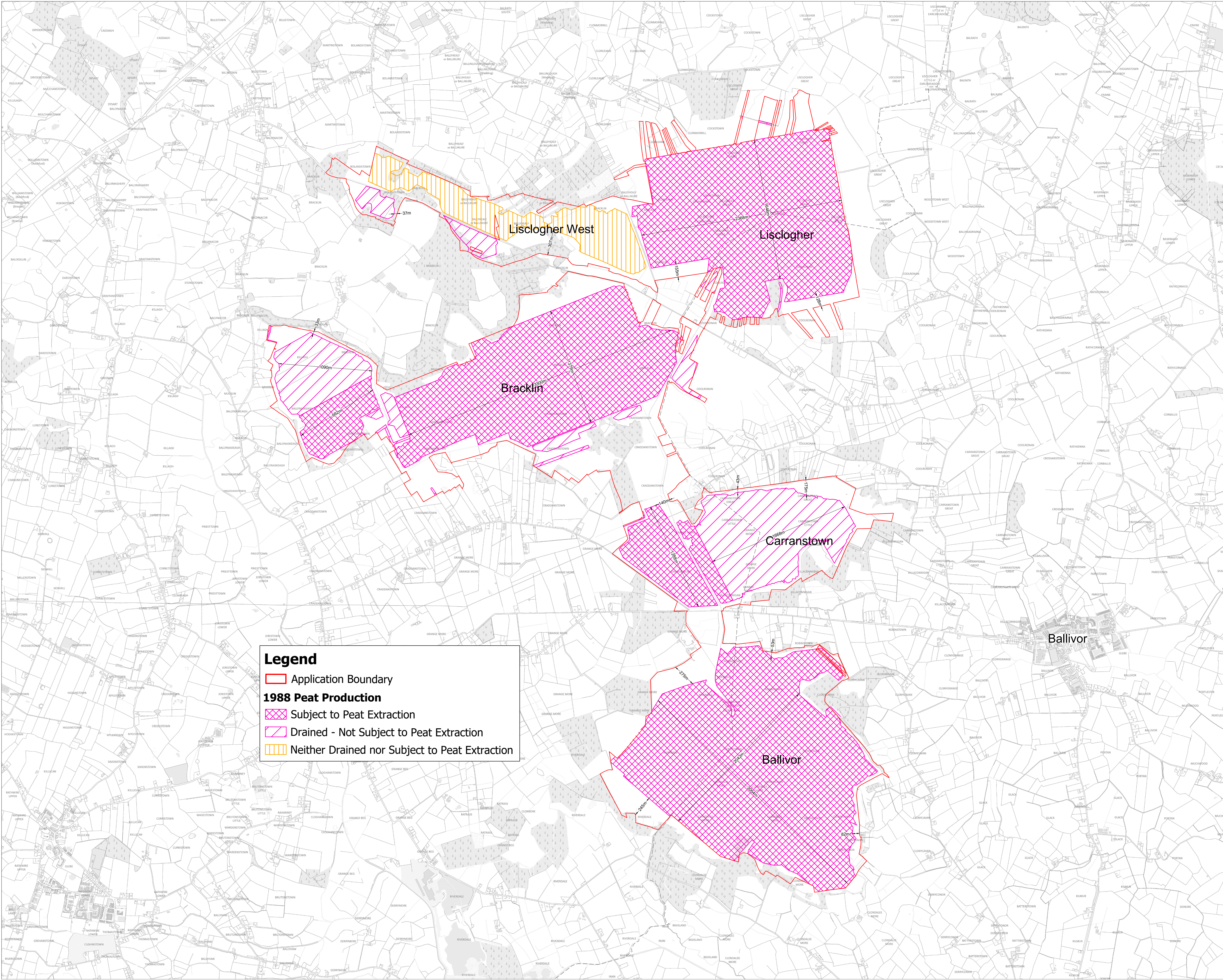




NOTE:
For Sections D-D (01-05)
Refer To Drawing 191137-f-18a



Drawing Legend	
Section Line / Levels	
DRAWING TITLE: Ballivor Bog Section D-D Sheet 02 of 02	
PROJECT TITLE: BnM Substitute Consent Application, Ballivor Bog Group	
DRAWING BY: JOB/KD	CHECKED BY: Tommy Harlin
PROJECT No.: 191137-f	DRAWING No.: 191137-f - 17b
SCALE: 1:500@ A1	DATE: 30.07.2024
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DRAWING TITLE:
**Peat Extraction Layout
Plan 1988**

PROJECT TITLE:
**BnM Substitute Consent Application,
Ballivor Bog Group**

DRAWING BY:
JOB/KD

CHECKED BY:
Tommy Harlin

PROJECT No.:
191137-f

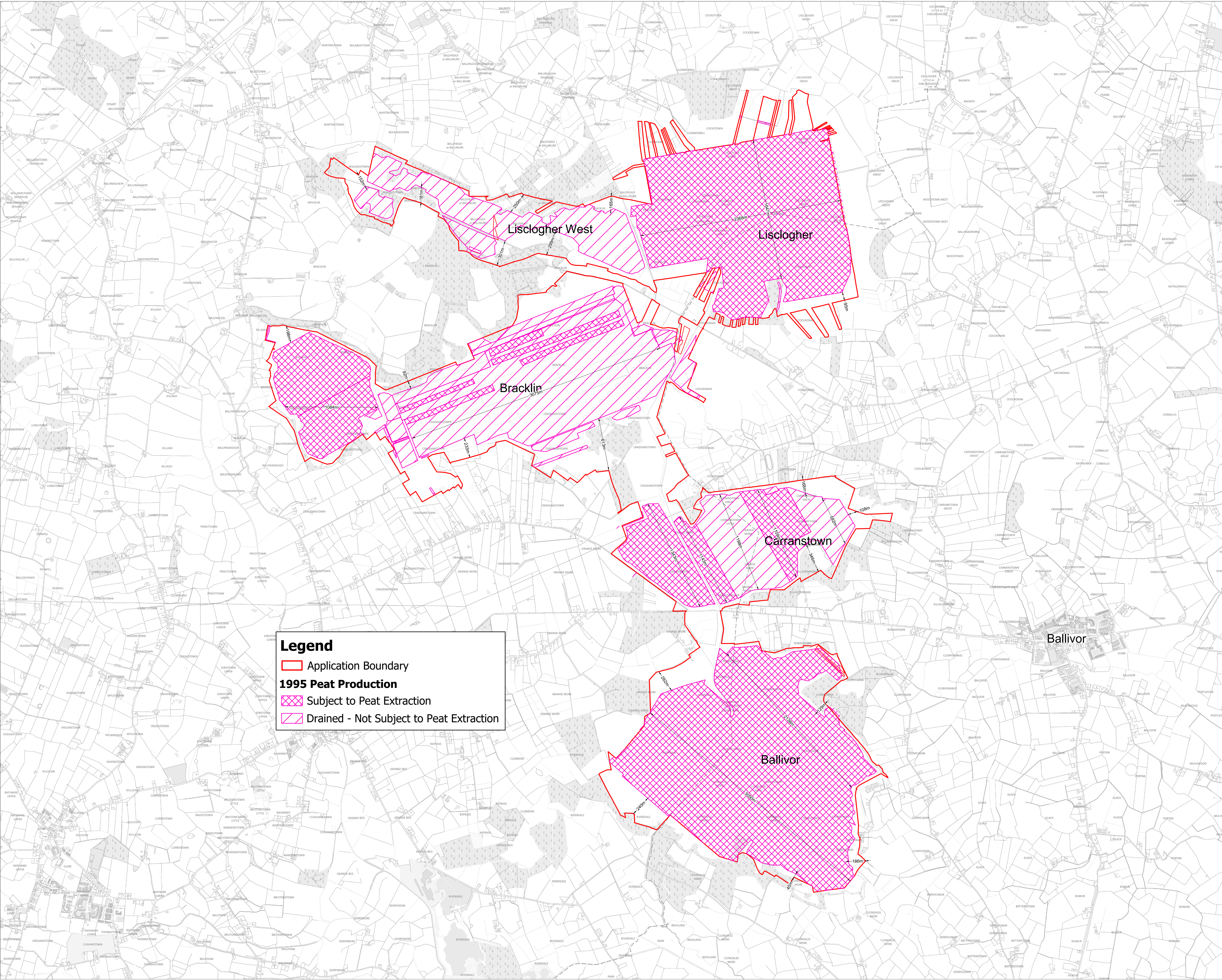
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191137-f - 18

SCALE:
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DATE:
30.07.2024

OS SHEET No.:
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2774, 2775, 2776, 2777, 2842, 2843, 2844, 2845

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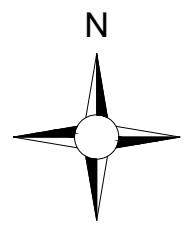
Legend

Application Boundary

1995 Peat Production

Subject to Peat Extraction

Drained - Not Subject to Peat Extraction



DRAWING TITLE:
**Peat Extraction Layout
Plan 1995**

PROJECT TITLE:
**BnM Substitute Consent Application,
Ballivor Bog Group**

DRAWING BY:
JOB/KD

CHECKED BY:
Tommy Harlin

PROJECT NO.:
191137-f

DRAWING NO.:
191137-f - 19

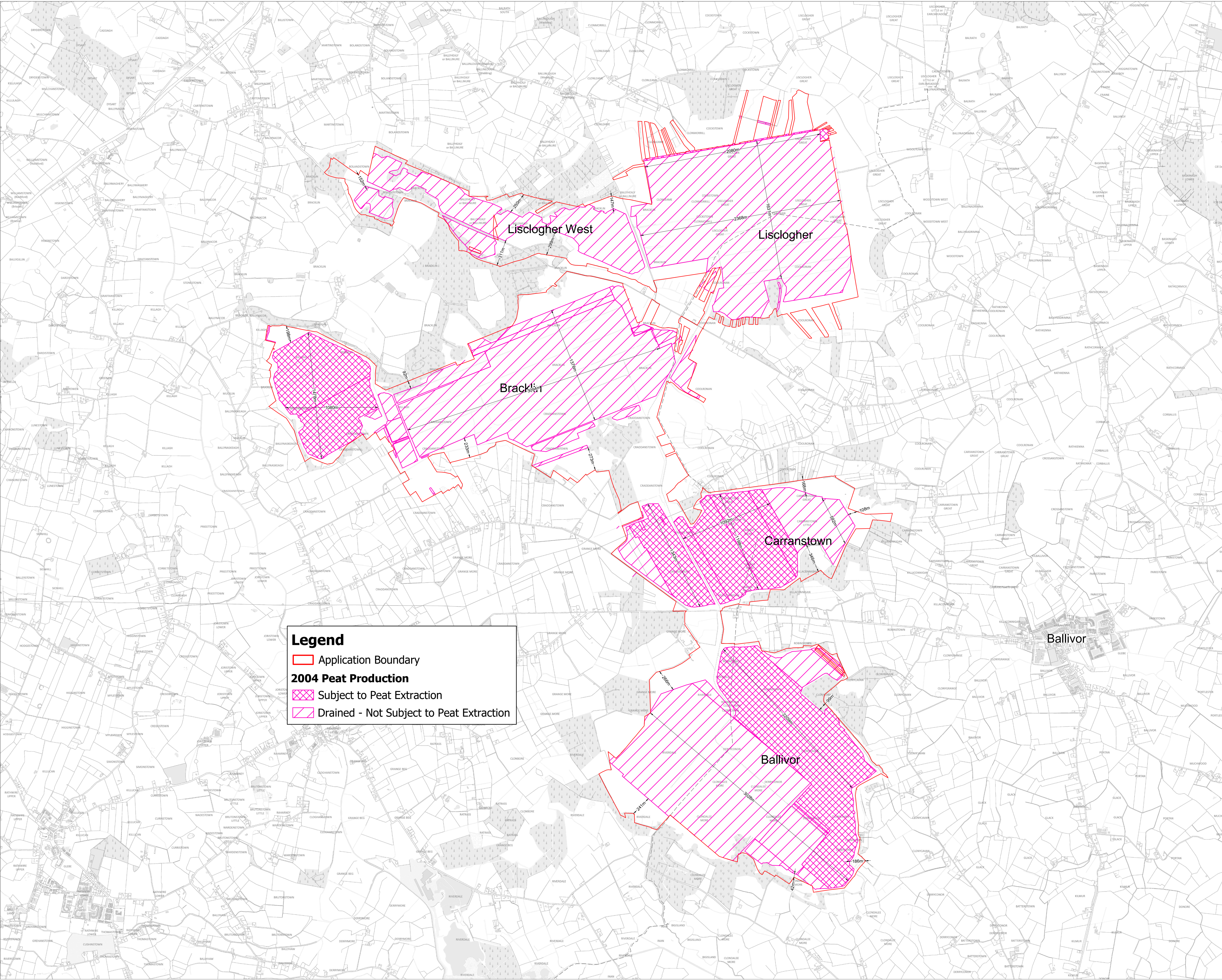
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DATE:
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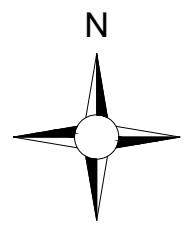
Legend

Application Boundary

2004 Peat Production

Subject to Peat Extraction

Drained - Not Subject to Peat Extraction



DRAWING TITLE:
**Peat Extraction Layout
Plan 2004**

PROJECT TITLE:
**BnM Substitute Consent Application,
Ballivor Bog Group**

DRAWING BY:
JOB/KD

CHECKED BY:
Tommy Harlin

PROJECT NO.:
191137-f

DRAWING NO.:
191137-f - 20

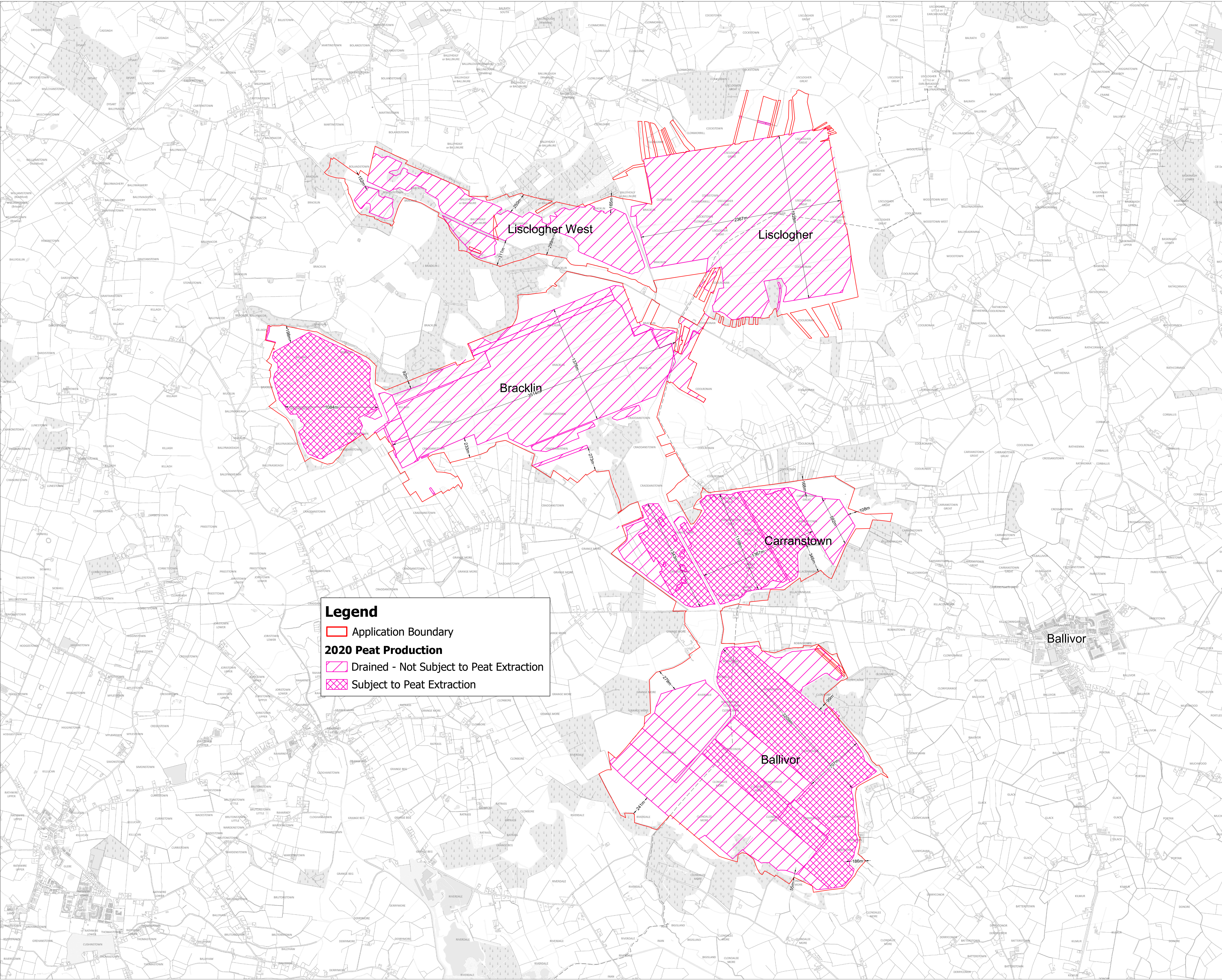
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DATE:
30.07.2024

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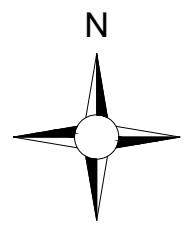
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Legend

- Application Boundary
- 2020 Peat Production**
- Drained - Not Subject to Peat Extraction
- Subject to Peat Extraction

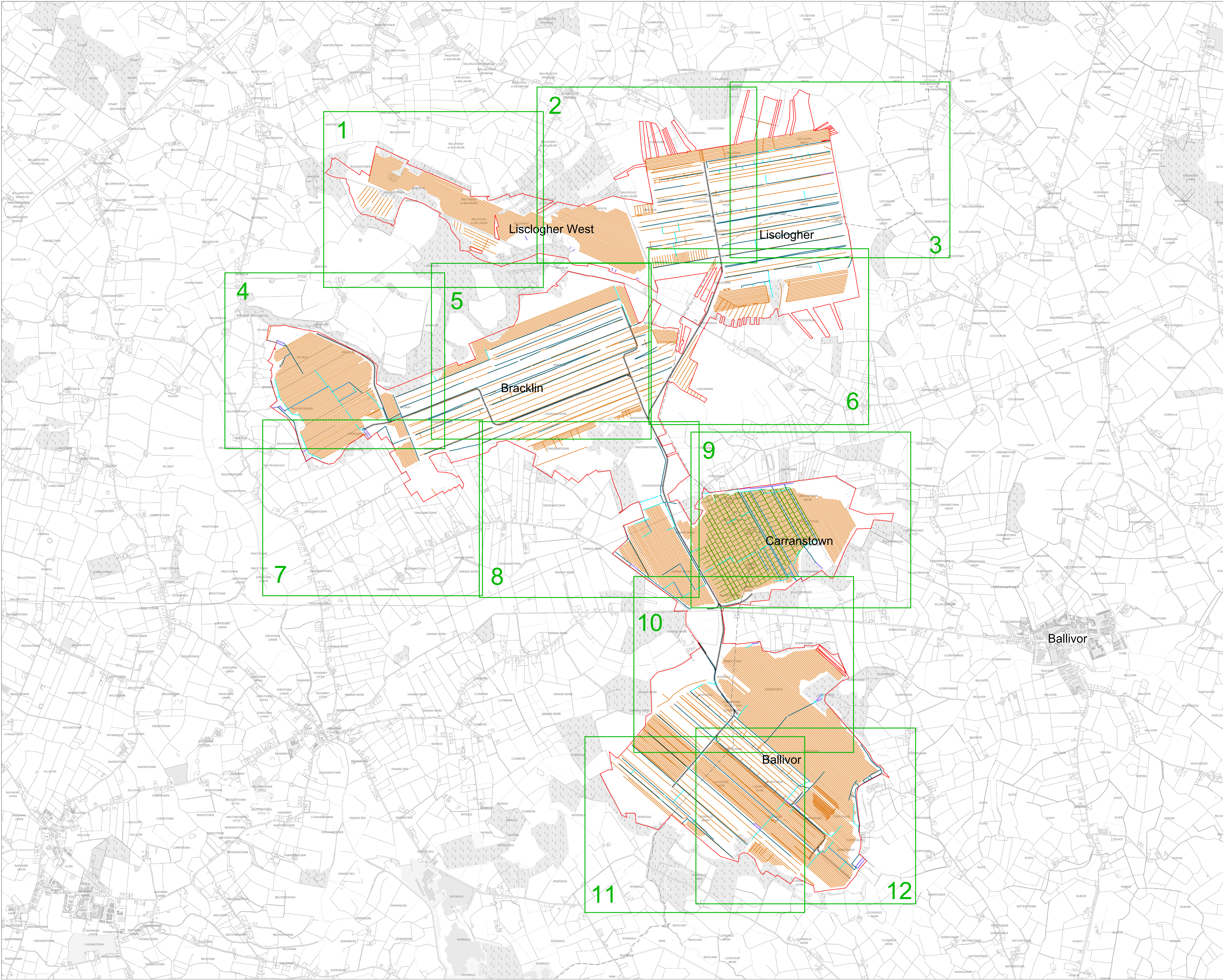


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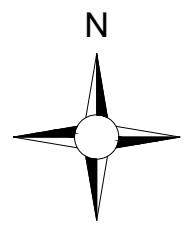
PROJECT TITLE:
BnM Substitute Consent Application, Ballivor Bog Group

DRAWING BY: JOB/KD	CHECKED BY: Tommy Harlin
PROJECT NO.: 191137-f	DRAWING NO.: 191137-f - 21
SCALE: 1:20,000 @ A1	DATE: 30.07.2024
OS SHEET No.: 2635, 2636, 2638, 2637, 2705, 2706, 2707, 2708, 2774, 2775, 2776, 2777, 2842, 2843, 2844, 2845	

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- Drawing Legend**
- Planning Application Boundary
 - Bord na Móna Rail Lines
 - County Boundary
 - Drains
 - PCAS Bog Cells
 - Outfall Drains
 - Drainage Pipes
 - Main Drains
 - Silt Ponds



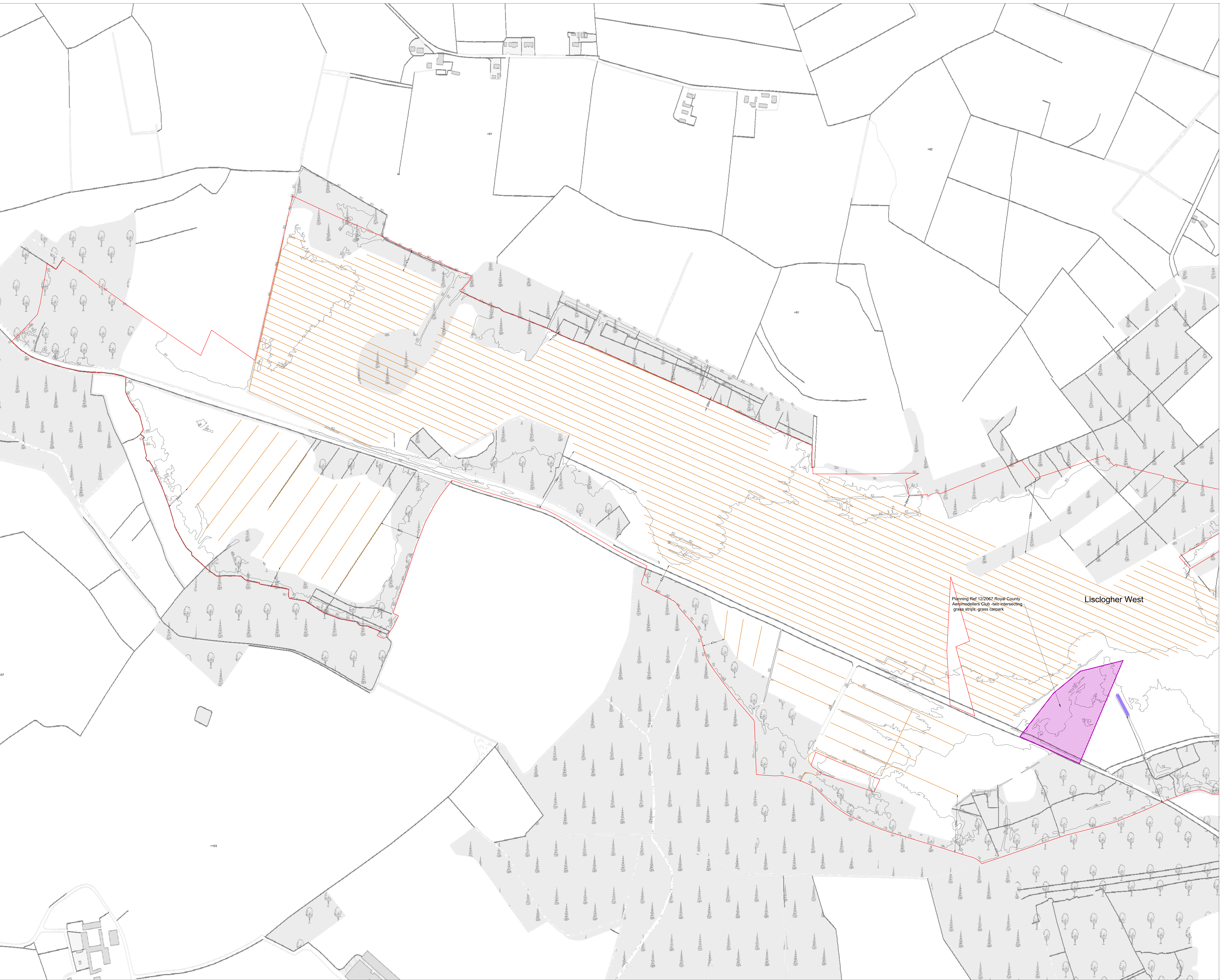
Site Drainage Key Plan

DRAWING TITLE:

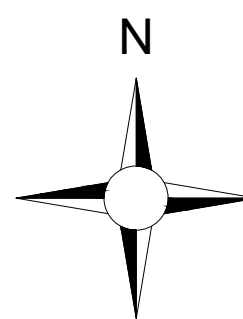
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BnM Substitute Consent Application, Ballivor Bog Group

DRAWING BY: JOB/KD	CHECKED BY: Tommy Harlin
PROJECT No: 191137-f	DRAWING No.: 191137-f - 22
SCALE: 1:20,000 @ A1	DATE: 30.07.2024
OS SHEET No.: 2635, 2636, 2636, 2637, 2705, 2706, 2707, 2708, 2774, 2775, 2776, 2777, 2842, 2843, 2844, 2845	

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- Drawing Legend
- Planning Application Boundary
 - Drains
 - Silt Ponds



DRAWING TITLE:
**Site Layout Drainage
Plan Sheet 1 of 12**

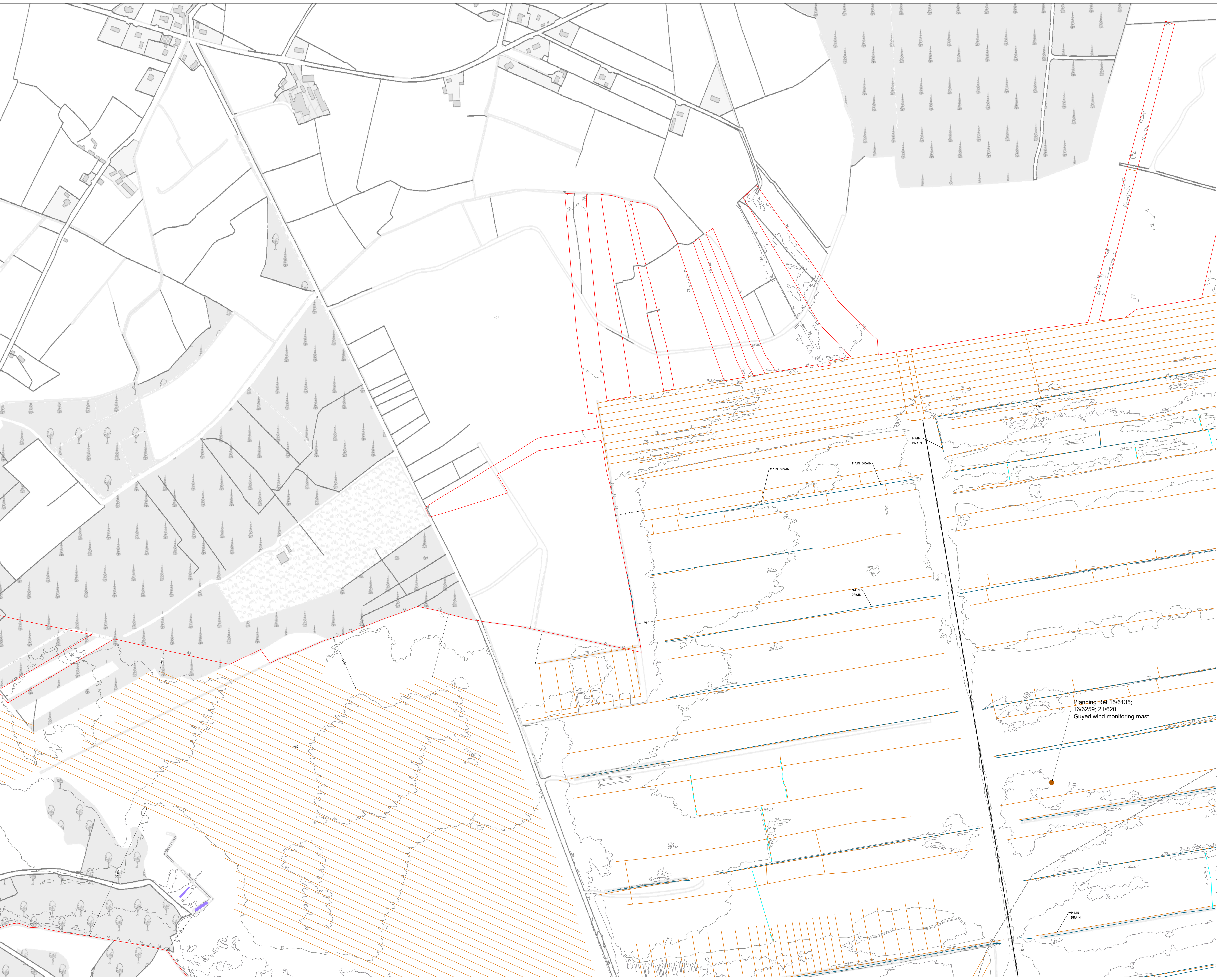
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**BnM Substitute Consent Application,
Ballivor Bog Group**

DRAWING BY: JOB/KD	CHECKED BY: Tommy Harlin
PROJECT No.: 191137-f	DRAWING No.: 191137-f - 22a
SCALE: 1:2,500 @ A0	DATE: 30.07.2024

OS SHEET No. 2635, 2636, 2636, 2637, 2705, 2706, 2707, 2708, 2714, 2715, 2716, 2717, 2842, 2843, 2844, 2845

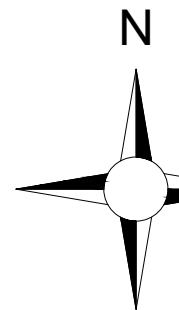


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Note:
There was a pump located within Lisclogher Bog however it was decommissioned prior to 2000 and the exact location is unknown

- Drawing Legend
- Planning Application Boundary
 - Bord na Móna Rail Lines
 - County Boundary
 - Drains
 - Outfall Drains
 - Drainage Pipes
 - Main Drains
 - Silt Ponds



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DRAWING TITLE:
**Site Layout Drainage
Plan Sheet 2 of 12**

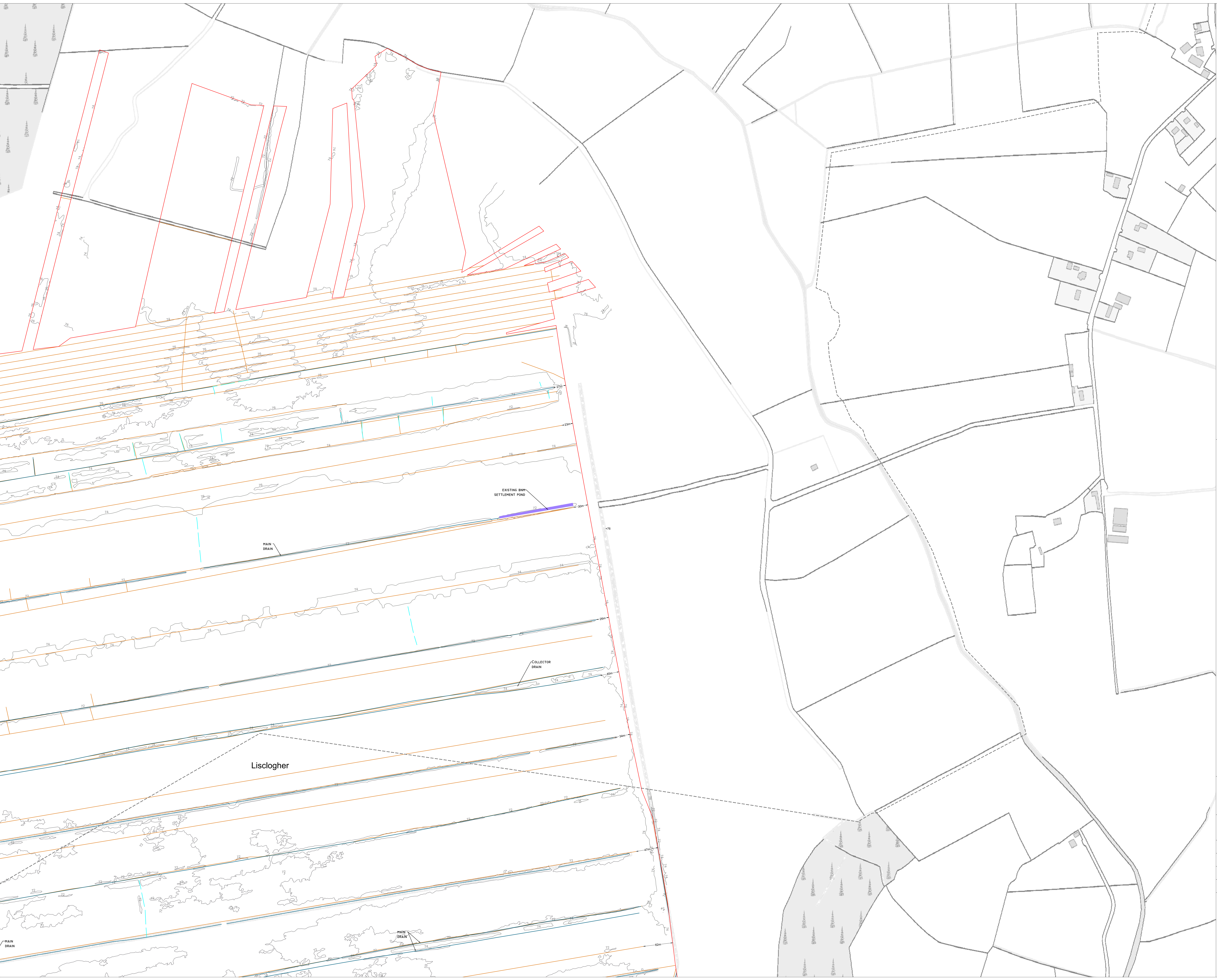
PROJECT TITLE:
**BnM Substitute Consent Application,
Ballivor Bog Group**

DRAWING BY: JOB/KD	CHECKED BY: Tommy Harlin
PROJECT No.: 191137-f	DRAWING No.: 191137-f - 22b
SCALE: 1:2,500 @ A0	DATE: 30.07.2024

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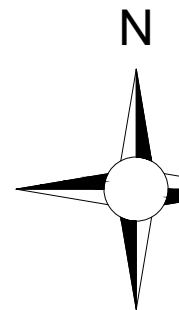


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Note:
There was a pump located within Lisclogher Bog however it was decommissioned prior to 2000 and the exact location is unknown

- Drawing Legend
- Planning Application Boundary
 - County Boundary
 - Drains
 - Outfall Drains
 - Drainage Pipes
 - Main Drains
 - Silt Ponds

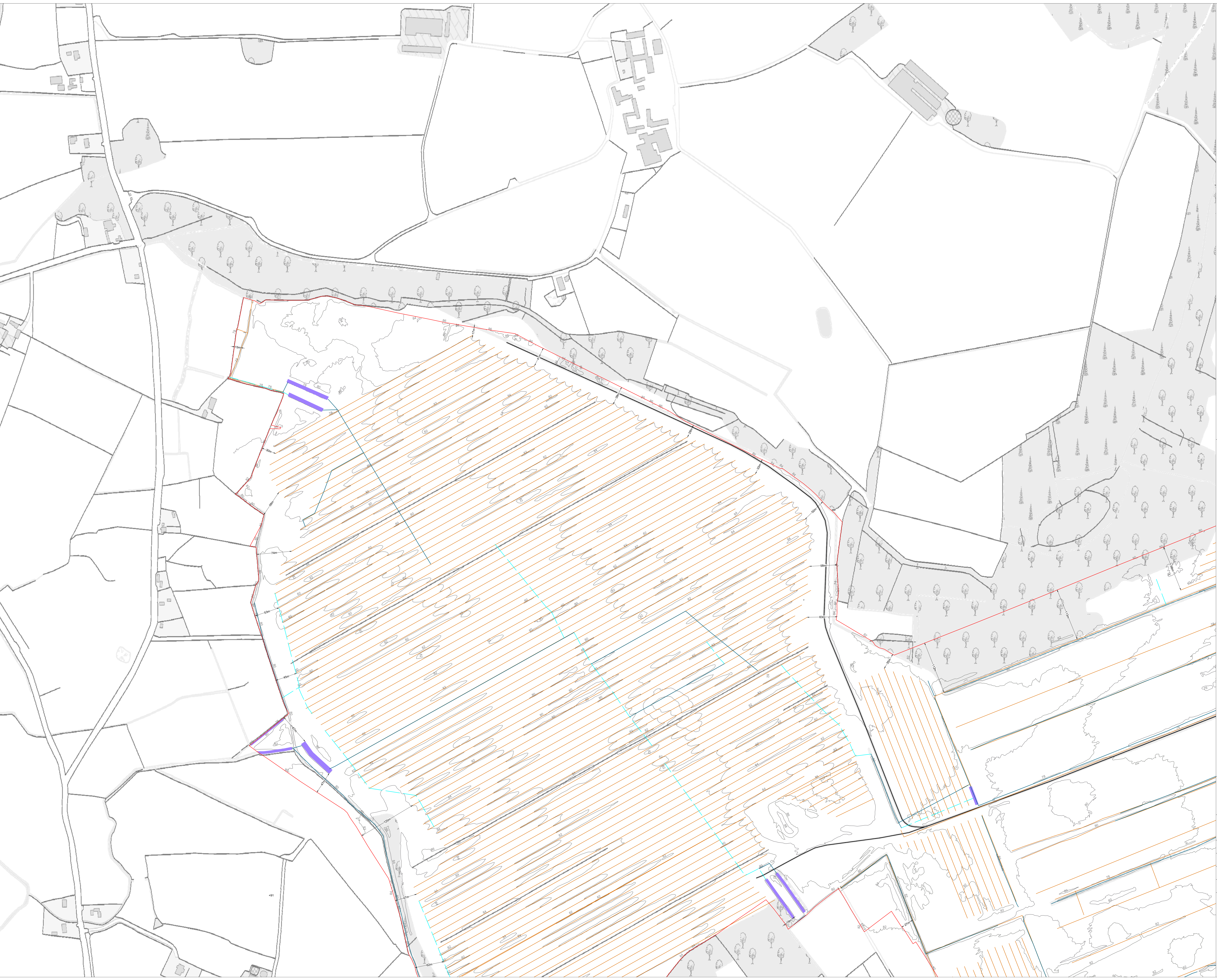


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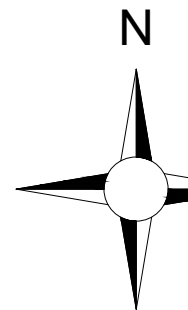
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PROJECT TITLE: BnM Substitute Consent Application, Ballivor Bog Group	
DRAWING BY: JOB/KD	CHECKED BY: Tommy Harlin
PROJECT No.: 191137-f	DRAWING No.: 191137-f - 22c
SCALE: 1:2,500 @ A0	DATE: 30.07.2024
OS SHEET No.: 2635, 2636, 2636, 2637, 2705, 2706, 2707, 2708, 2714, 2715, 2716, 2717, 2842, 2843, 2844, 2845	



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- Drawing Legend
- Planning Application Boundary
 - Bord na Móna Rail Lines
 - Drains
 - Outfall Drains
 - Drainage Pipes
 - Main Drains
 - Silt Ponds



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DRAWING TITLE:
**Site Layout Drainage
Plan Sheet 4 of 12**

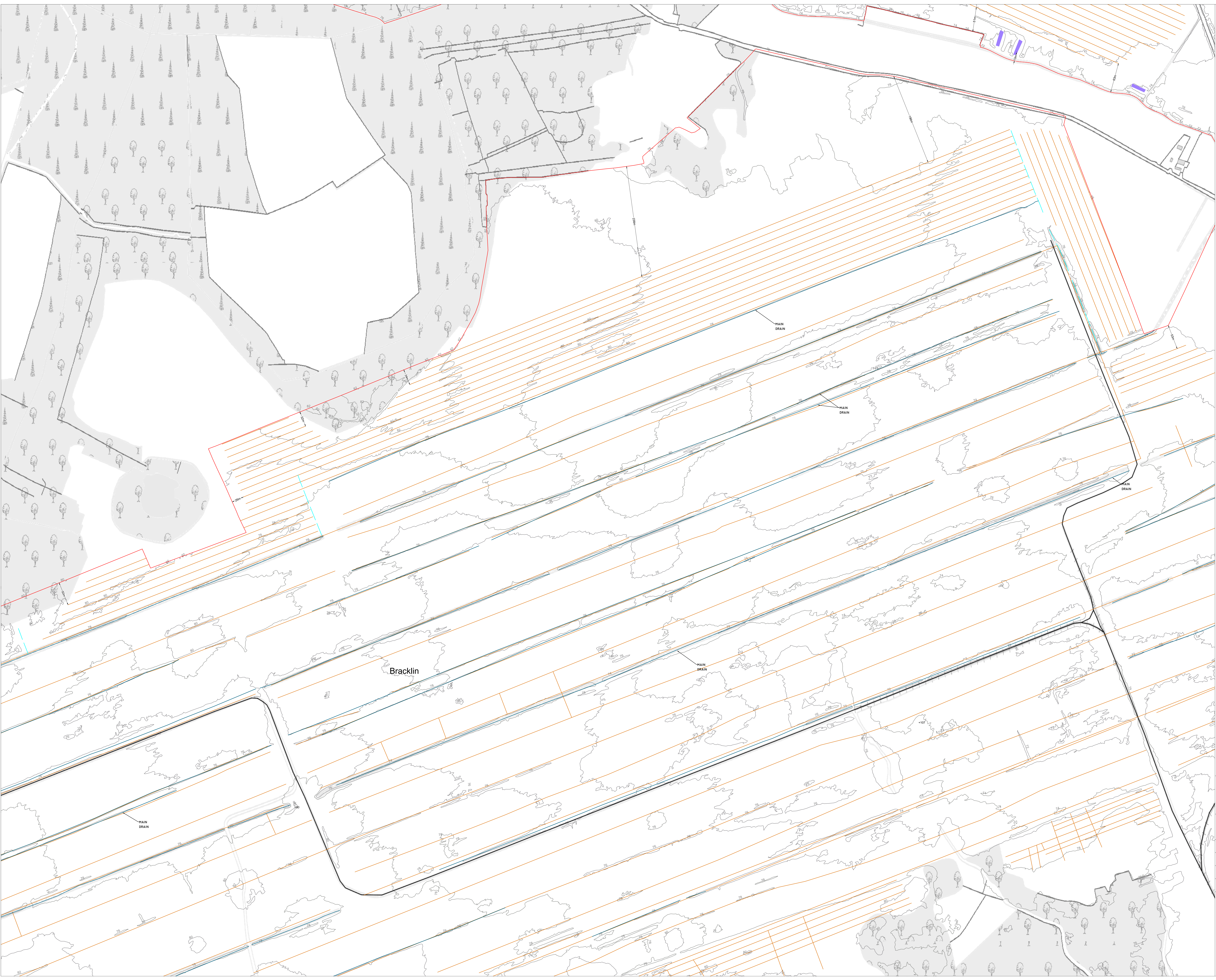
PROJECT TITLE:
**BnM Substitute Consent Application,
Ballivor Bog Group**

DRAWING BY: JOB/KD	CHECKED BY: Tommy Harlin
PROJECT No.: 191137-f	DRAWING No.: 191137-f - 22d
SCALE: 1:2,500 @ A0	DATE: 30.07.2024

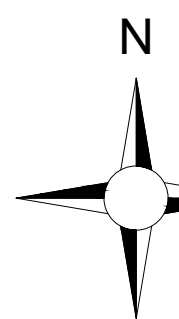
OS SHEET No.: 2635, 2636, 2636, 2637, 2705, 2706, 2707, 2708, 2714, 2715, 2776, 2777, 2842, 2843, 2844, 2845



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- Drawing Legend**
- Planning Application Boundary
 - Bord na Móna Rail Lines
 - Drains
 - Outfall Drains
 - Drainage Pipes
 - Main Drains
 - Silt Ponds



**Site Layout Drainage
Plan Sheet 5 of 12**

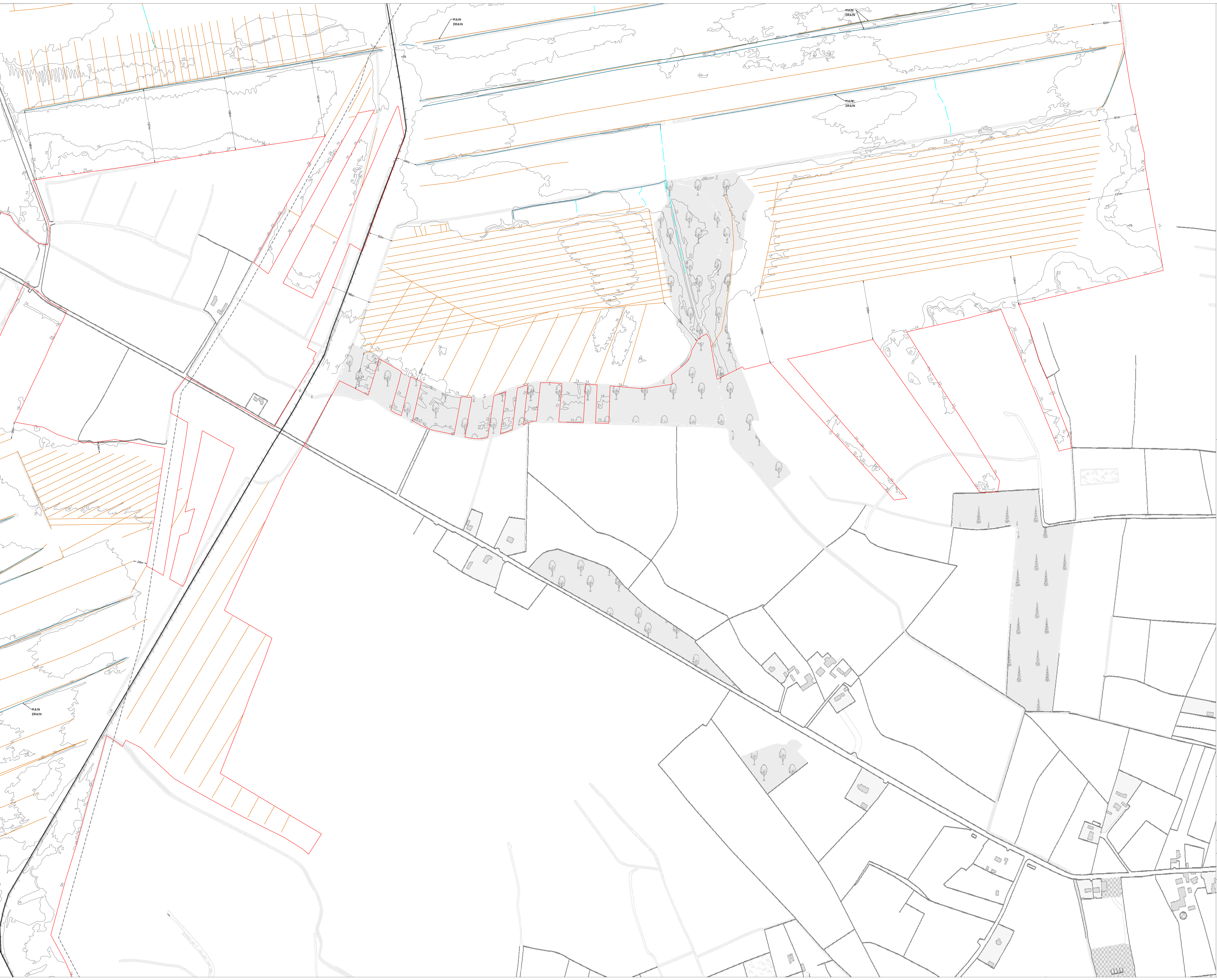
**BnM Substitute Consent Application,
Ballivor Bog Group**

DRAWING BY: JOB/KD	CHECKED BY: Tommy Harlin
PROJECT No.: 191137-f	DRAWING No.: 191137-f - 22e
SCALE: 1:2,500 @ A0	DATE: 30.07.2024

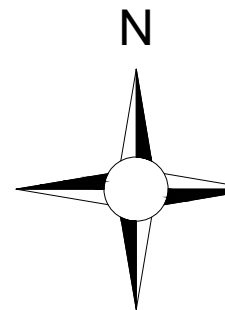
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- Drawing Legend**
- Planning Application Boundary
 - Bord na Móna Rail Lines
 - County Boundary
 - Drains
 - Outfall Drains
 - Drainage Pipes
 - Main Drains
 - Silt Ponds



DRAWING TITLE:
**Site Layout Drainage
Plan Sheet 6 of 12**

PROJECT TITLE:
**BnM Substitute Consent Application,
Ballivor Bog Group**

DRAWING BY: **JOB/KD** CHECKED BY: **Tommy Harlin**

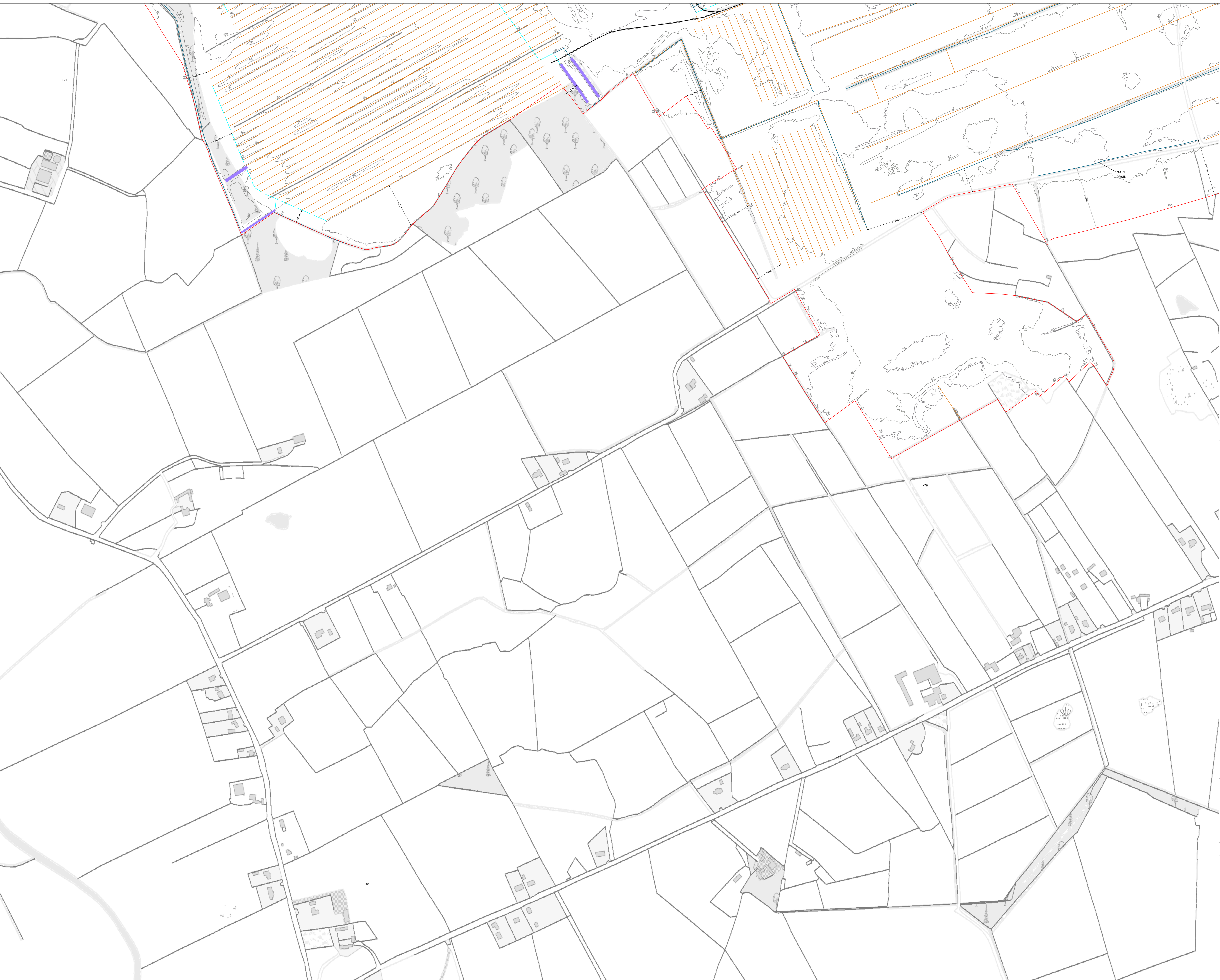
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SCALE: **1:2,500 @ A0** DATE: **30.07.2024**

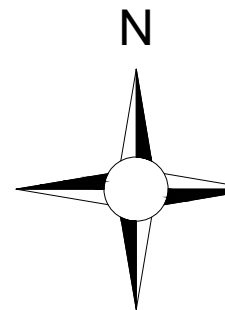
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- Drawing Legend**
- Planning Application Boundary
 - Bord na Móna Rail Lines
 - Drains
 - Outfall Drains
 - Drainage Pipes
 - Main Drains
 - Silt Ponds



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DRAWING TITLE:
**Site Layout Drainage
Plan Sheet 7 of 12**

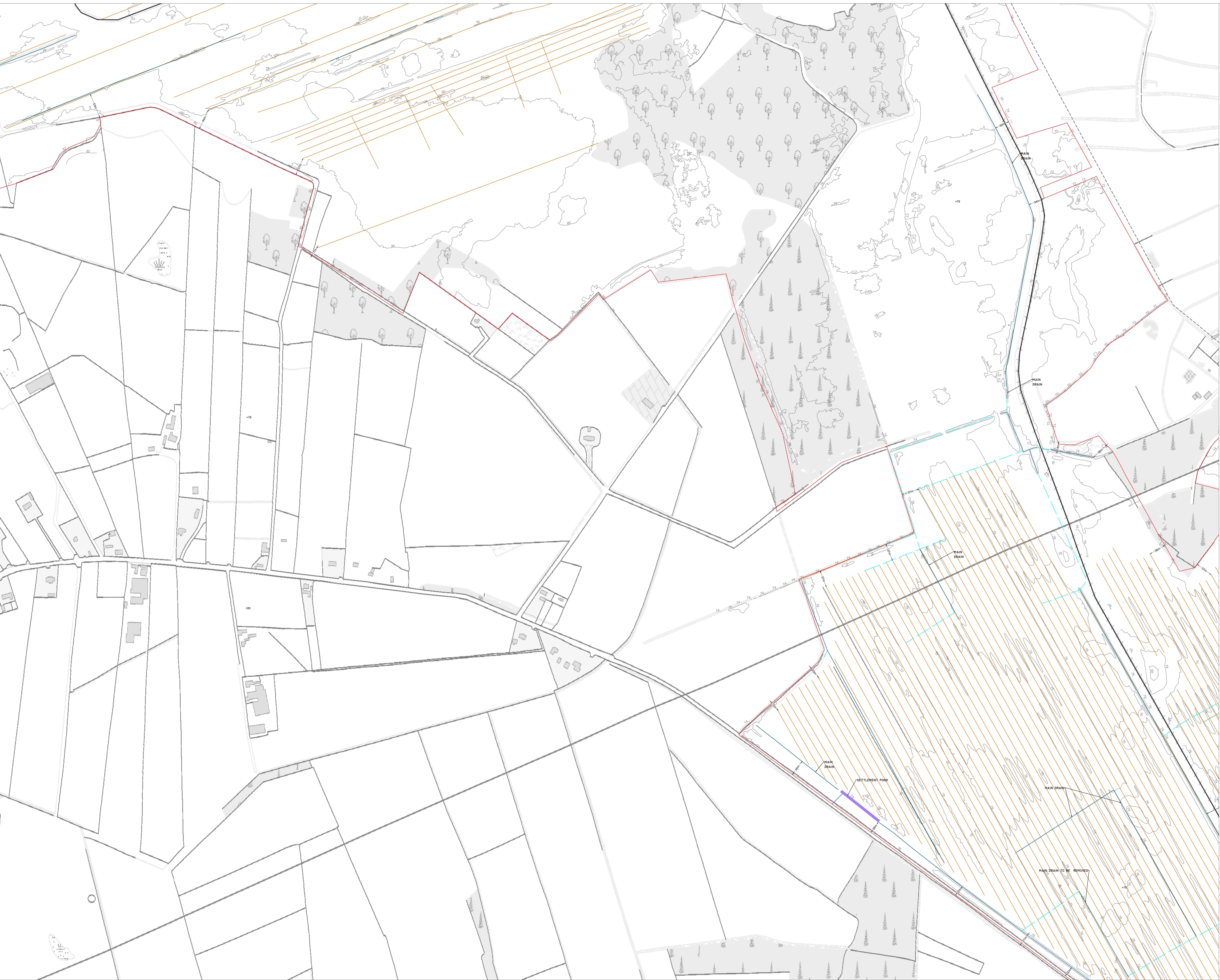
PROJECT TITLE:
**BnM Substitute Consent Application,
Ballivor Bog Group**

DRAWING BY: JOB/KD	CHECKED BY: Tommy Harlin
PROJECT No.: 191137-f	DRAWING No.: 191137-f - 22g
SCALE: 1:2,500 @ A0	DATE: 30.07.2024

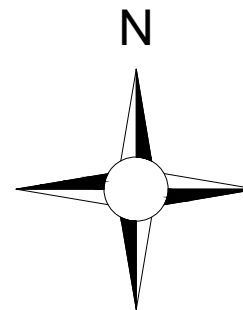
OS SHEET No: 2635, 2636, 2636, 2637, 2705, 2706, 2707, 2708, 2714, 2715, 2716, 2717, 2842, 2843, 2844, 2845



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- Drawing Legend
- Planning Application Boundary
 - Bord na Móna Rail Lines
 - Drains
 - PCAS Bog Cells
 - Outfall Drains
 - Drainage Pipes
 - Main Drains
 - Silt Ponds



DRAWING TITLE:
**Site Layout Drainage
Plan Sheet 8 of 12**

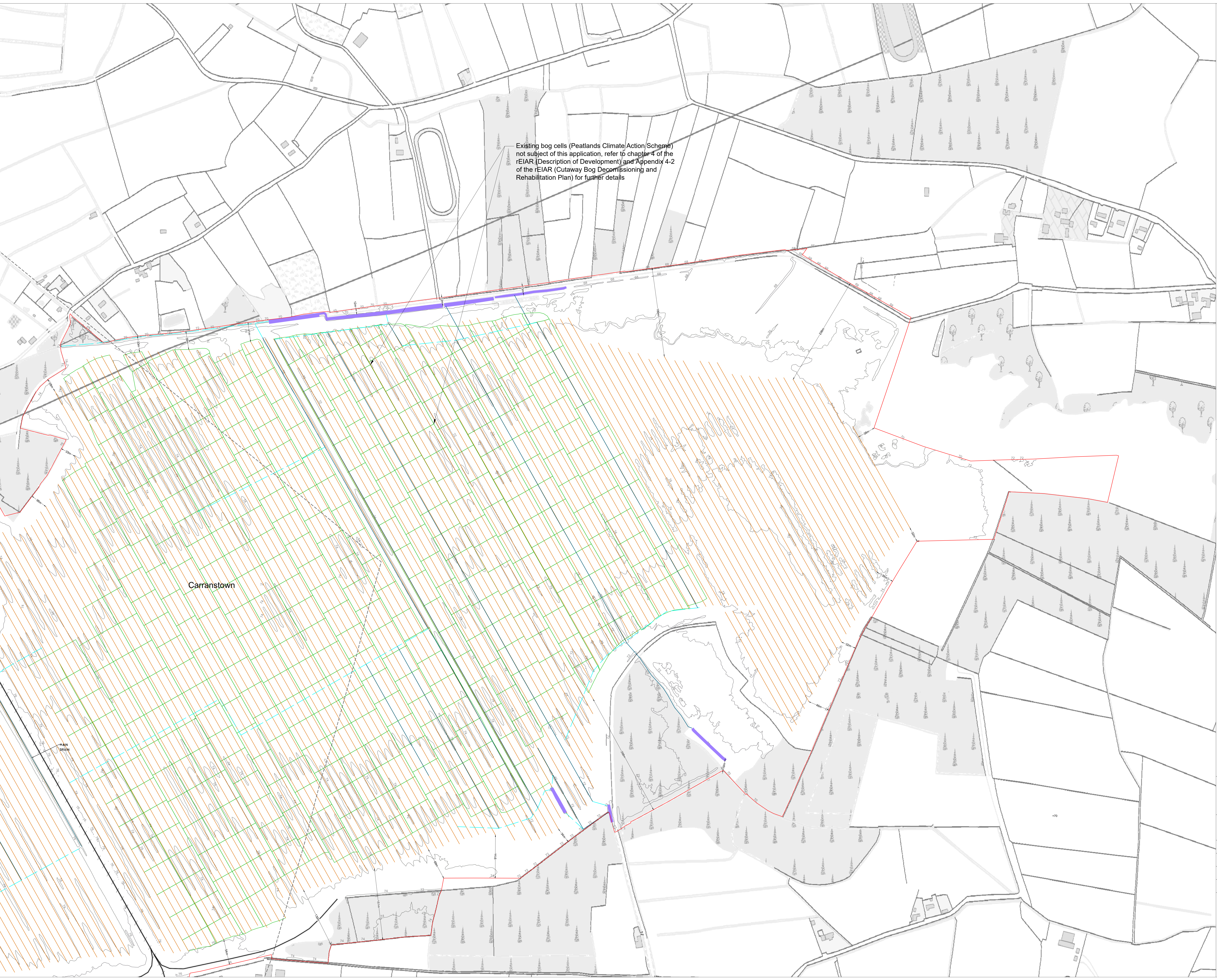
PROJECT TITLE:
**BnM Substitute Consent Application,
Ballivor Bog Group**

DRAWING BY: JOB/KD	CHECKED BY: Tommy Harlin
PROJECT No.: 191137-f	DRAWING No.: 191137-f - 22h
SCALE: 1:2,500 @ A0	DATE: 30.07.2024

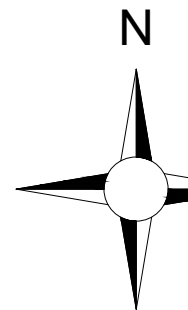
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- Drawing Legend
- Planning Application Boundary
 - Bord na Móna Rail Lines
 - County Boundary
 - Drains
 - PCAS Bog Cells
 - Outfall Drains
 - Drainage Pipes
 - Main Drains
 - Silt Ponds

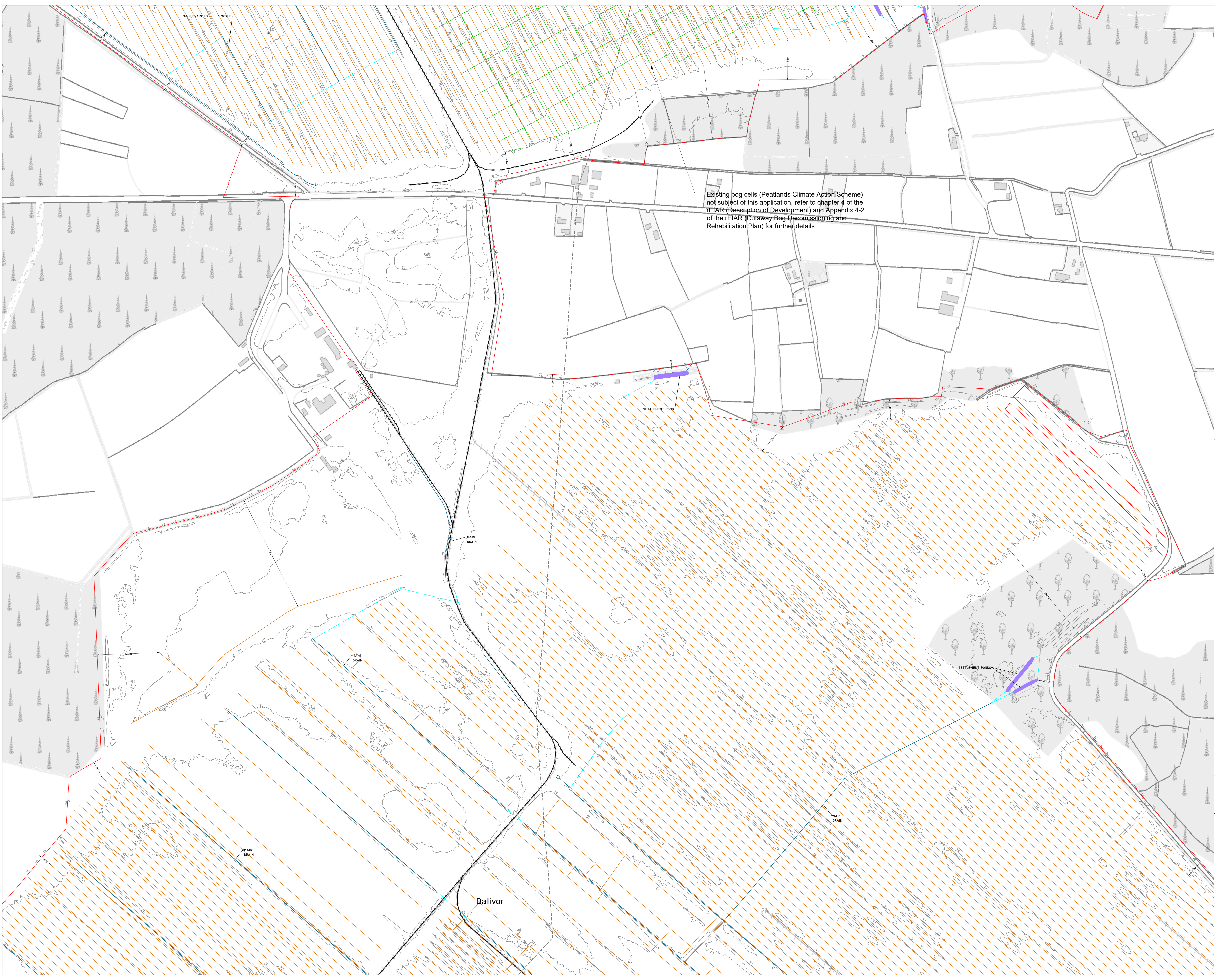


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DRAWING TITLE: Site Layout Drainage Plan Sheet 9 of 12	
PROJECT TITLE: BnM Substitute Consent Application, Ballivor Bog Group	
DRAWING BY: JOB/KD	CHECKED BY: Tommy Harlin
PROJECT No.: 191137-f	DRAWING No.: 191137-f - 221
SCALE: 1:2,500 @ A0	DATE: 30.07.2024
OS SHEET No.: 2635, 2636, 2636, 2637, 2705, 2706, 2707, 2708, 2714, 2715, 2716, 2717, 2842, 2843, 2844, 2845	

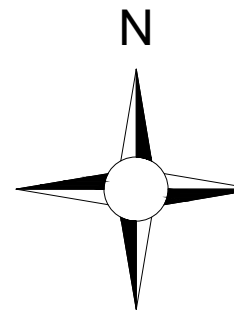


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Existing bog cells (Peatlands Climate Action Scheme) not subject of this application, refer to chapter 4 of the rEiAR (Description of Development) and Appendix 4-2 of the rEiAR (Cutaway Bog Decommissioning and Rehabilitation Plan) for further details

- Drawing Legend
- Planning Application Boundary
 - Bord na Móna Rail Lines
 - County Boundary
 - Drains
 - PCAS Bog Cells
 - Outfall Drains
 - Drainage Pipes
 - Main Drains
 - Silt Ponds



DRAWING TITLE:
Site Layout Drainage
Plan Sheet 10 of 12

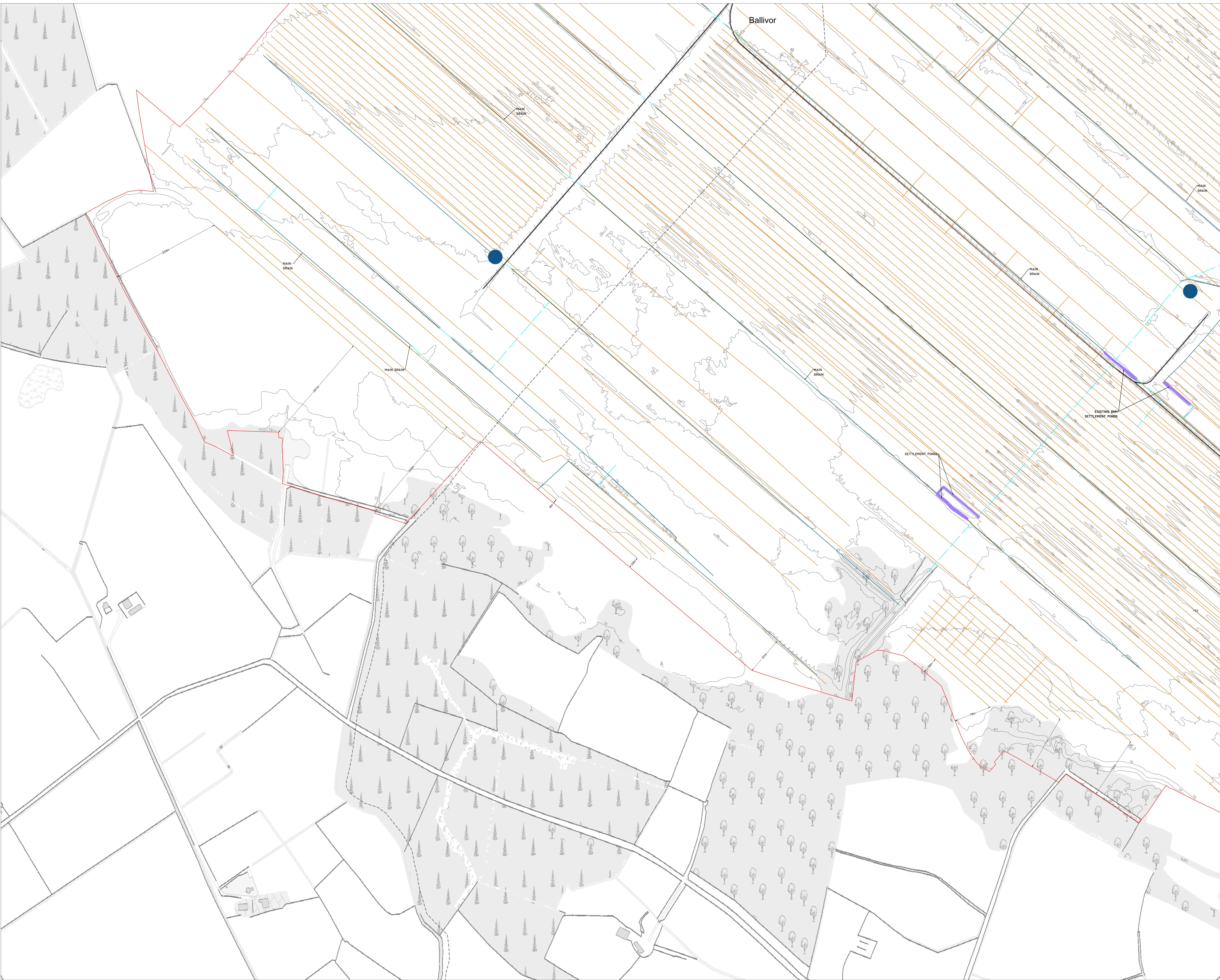
PROJECT TITLE:
BnM Substitute Consent Application,
Ballivor Bog Group

DRAWING BY: JOB/KD	CHECKED BY: Tommy Harlin
PROJECT No.: 191137-f	DRAWING No.: 191137-f - 22j
SCALE: 1:2,500 @ A0	DATE: 30.07.2024

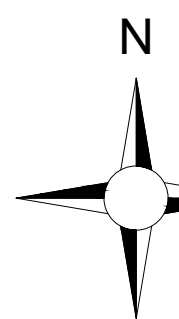
OS SHEET No: 2635, 2636, 2636, 2637, 2705, 2706, 2707, 2708, 2714, 2715, 2716, 2717, 2842, 2843, 2844, 2845



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- Drawing Legend**
- Planning Application Boundary
 - Bord na Móna Rail Lines
 - County Boundary
 - Drains
 - Outfall Drains
 - Drainage Pipes
 - Main Drains
 - Silt Ponds
 - Pumps (Decommissioned)



**Site Layout Drainage
Plan Sheet 11 of 12**

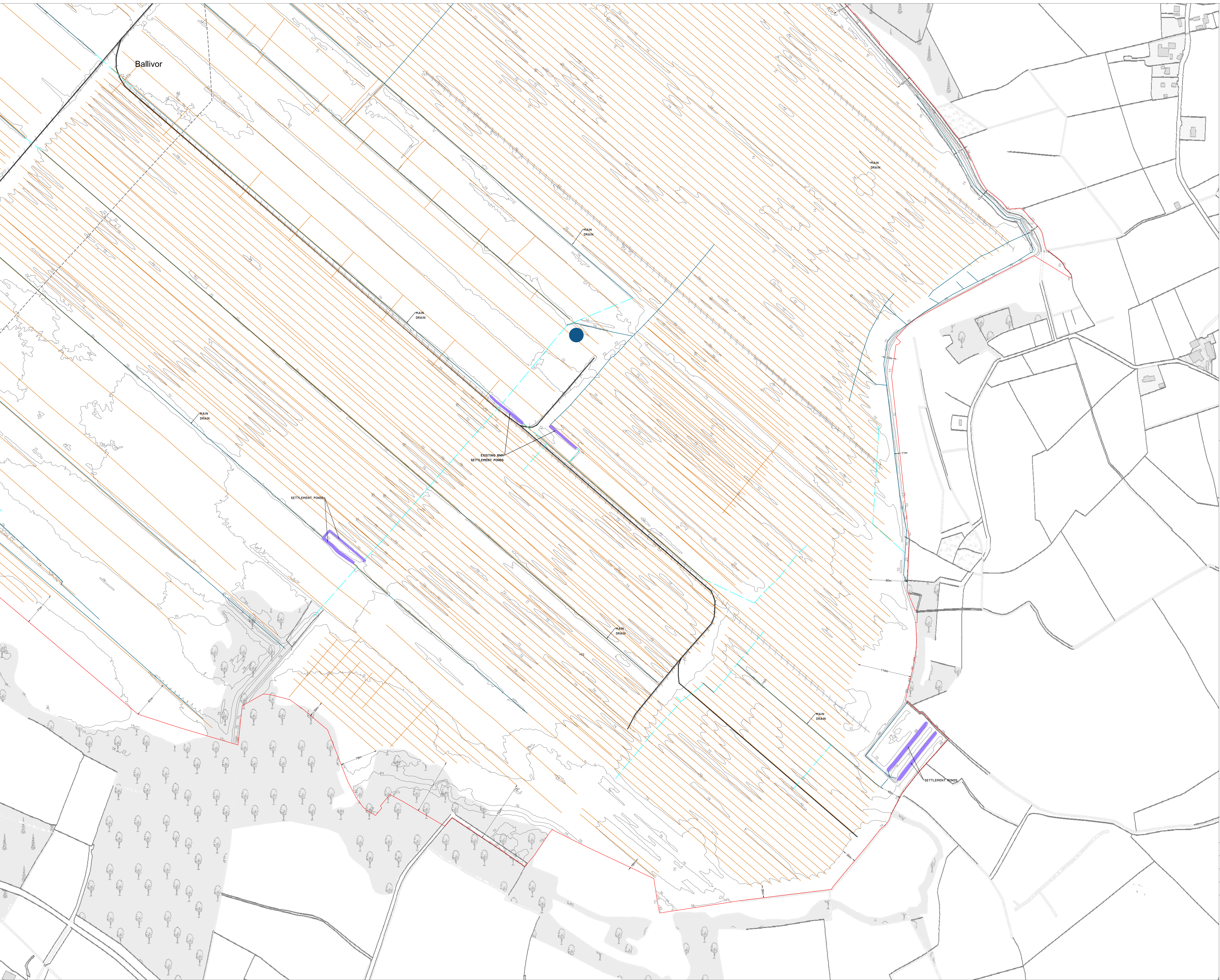
**BnM Substitute Consent Application,
Ballivor Bog Group**

DRAWING BY: JOB/KD	CHECKED BY: Tommy Harlin
PROJECT No.: 191137-f	DRAWING No.: 191137-f - 22k
SCALE: 1:2,500 @ A0	DATE: 30.07.2024

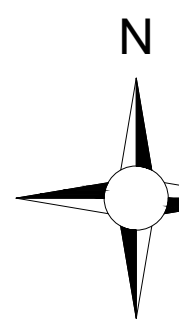
OS SHEET No.: 2635, 2636, 2636, 2637, 2705, 2706, 2707, 2708, 2714, 2715, 2716, 2717, 2842, 2843, 2844, 2845



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- Drawing Legend
- Planning Application Boundary
 - Bord na Móna Rail Lines
 - County Boundary
 - Drains
 - Outfall Drains
 - Drainage Pipes
 - Main Drains
 - Silt Ponds
 - Pumps (Decommissioned)



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DRAWING TITLE:
**Site Layout Drainage
Plan Sheet 12 of 12**

PROJECT TITLE:
**BnM Substitute Consent Application,
Ballivor Bog Group**

DRAWING BY: JOB/KD	CHECKED BY: Tommy Harlin
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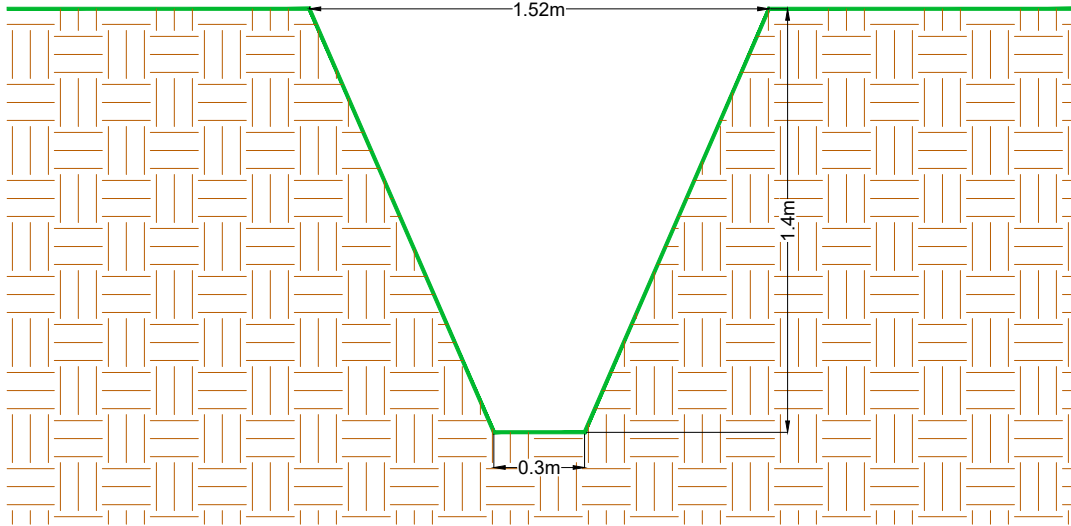
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SCALE: 1:2,500 @ A0	DATE: 30.07.2024
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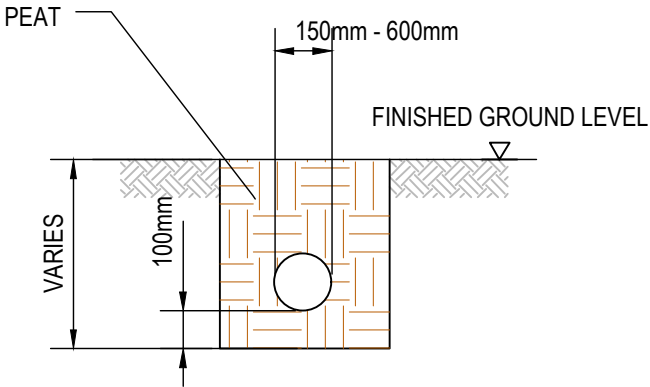
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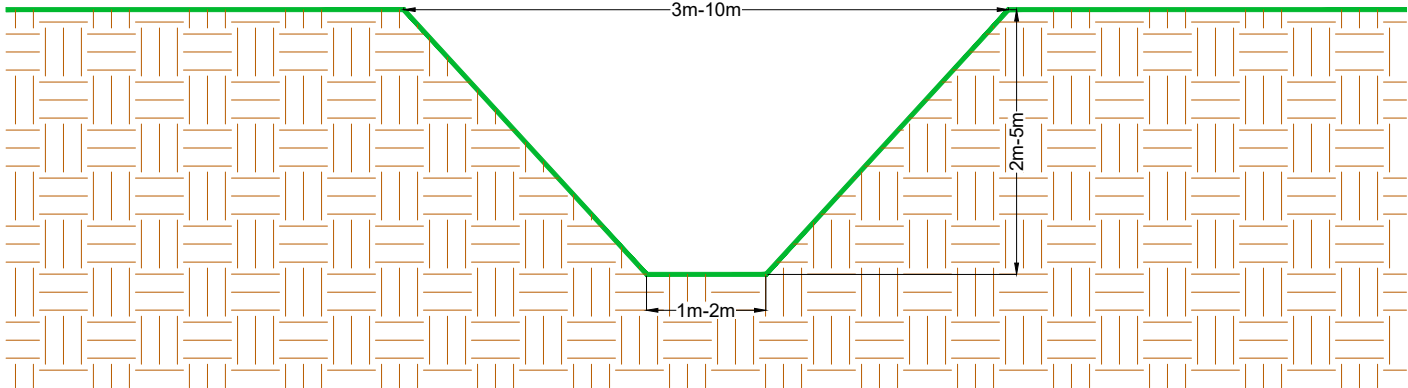
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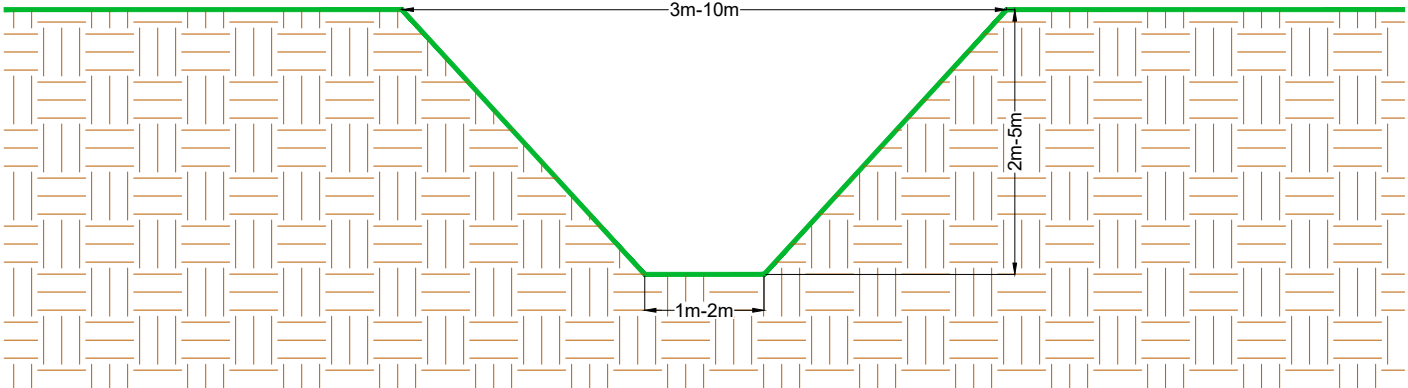
Field Drain (Milled Peat)
Scale 1:25



PIPE DRAIN
SCALE 1:20



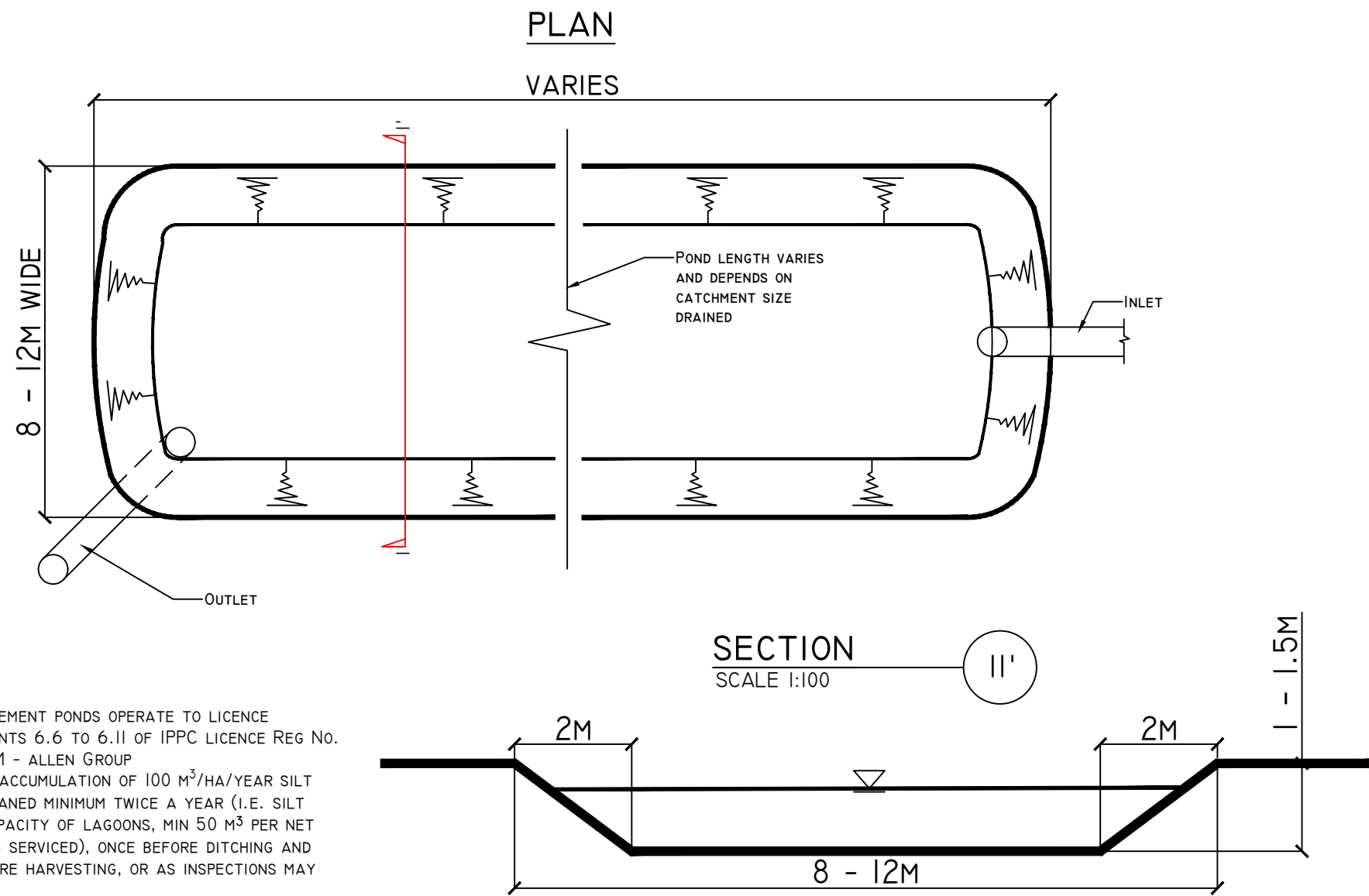
Field Drain (Sod Peat)
Scale 1:100



Main Drain
Scale 1:100

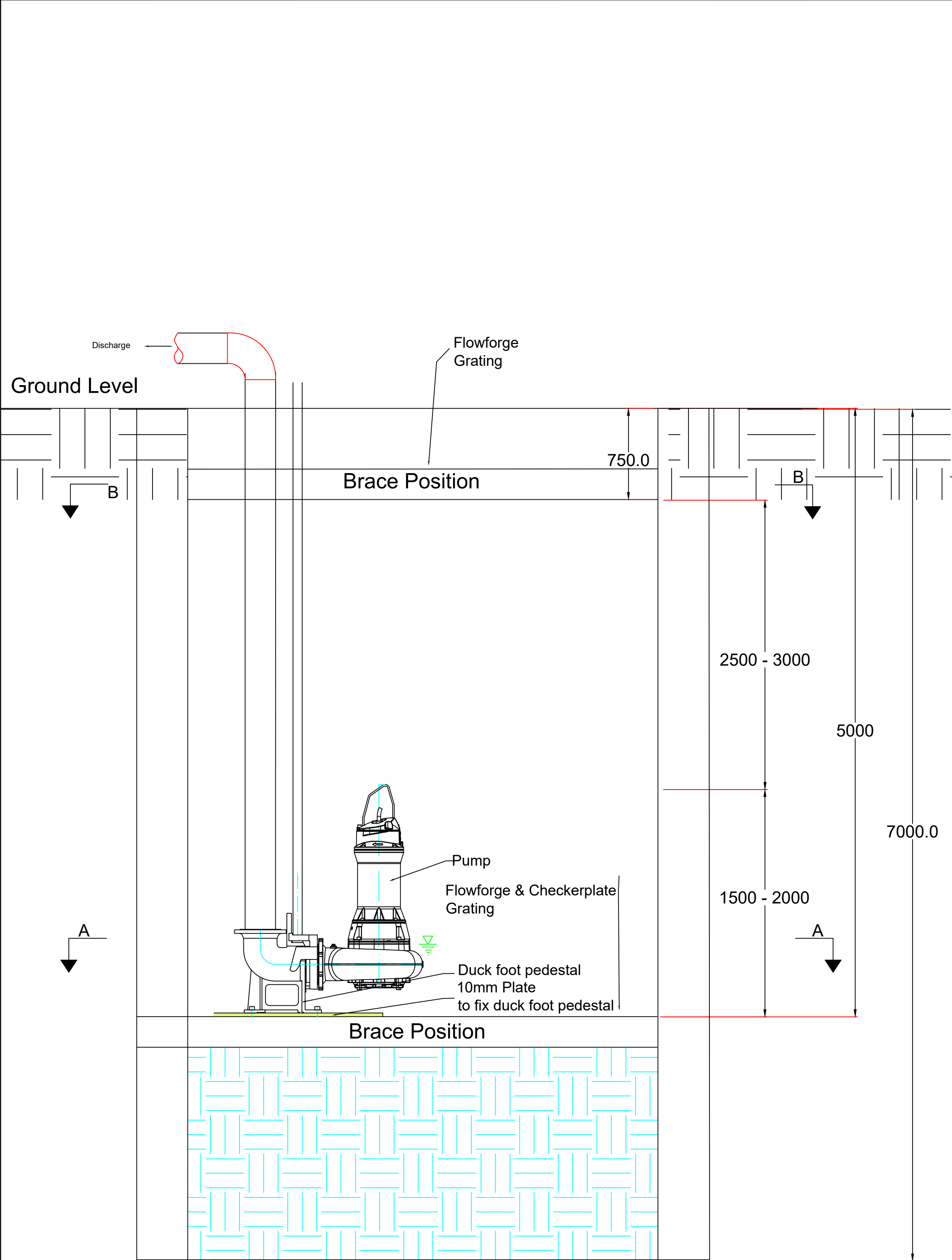
DRAWING TITLE: Drainage Details	
PROJECT TITLE: BnM Substitute Consent Application, Ballivor Bog Group	
DRAWING BY: JOB/KD	CHECKED BY: Tommy Harlin
PROJECT No.: 191137-f	DRAWING No.: 191137-f - 29
SCALE: As Shown @ A3	DATE: 30.07.2024
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TYPICAL BNM SETTLEMENT POND DETAIL
SCALE 1:200

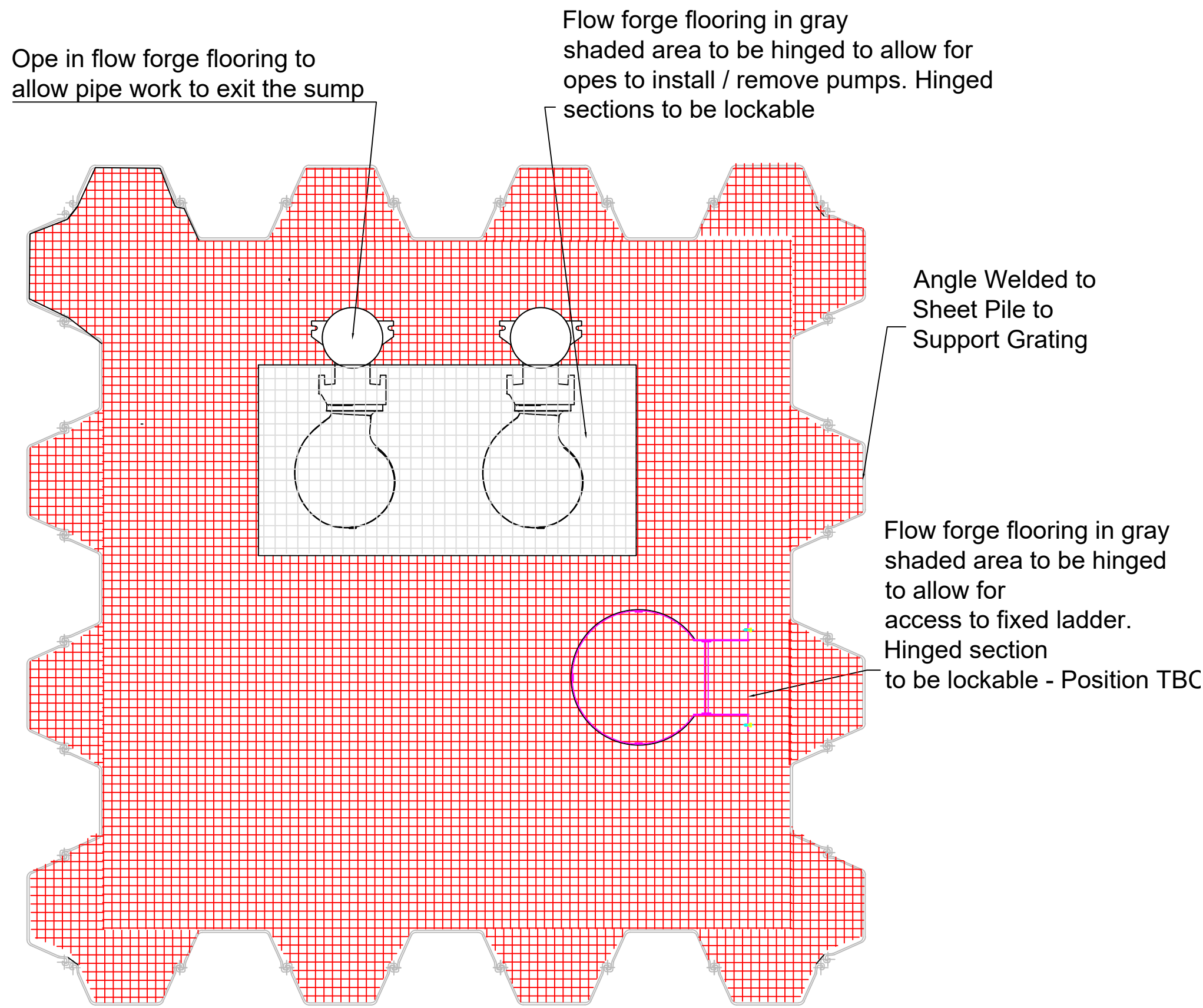


- NOTES:
- ALL SETTLEMENT PONDS OPERATE TO LICENCE REQUIREMENTS 6.6 TO 6.11 OF IPPC LICENCE REG No. 503 - BNM - ALLEN GROUP
 - BASED ON ACCUMULATION OF 100 M³/HA/YEAR SILT
 - PONDS CLEANED MINIMUM TWICE A YEAR (I.E. SILT DESIGN CAPACITY OF LAGOONS, MIN 50 M³ PER NET HA OF BOG SERVICED), ONCE BEFORE DITCHING AND ONCE BEFORE HARVESTING, OR AS INSPECTIONS MAY DICTATE
 - GENERALLY - 8 - 12 M WIDE, AND 1 - 1.5 M DEEP
 - VELOCITY THRESHOLD OF 0.1 M/SEC

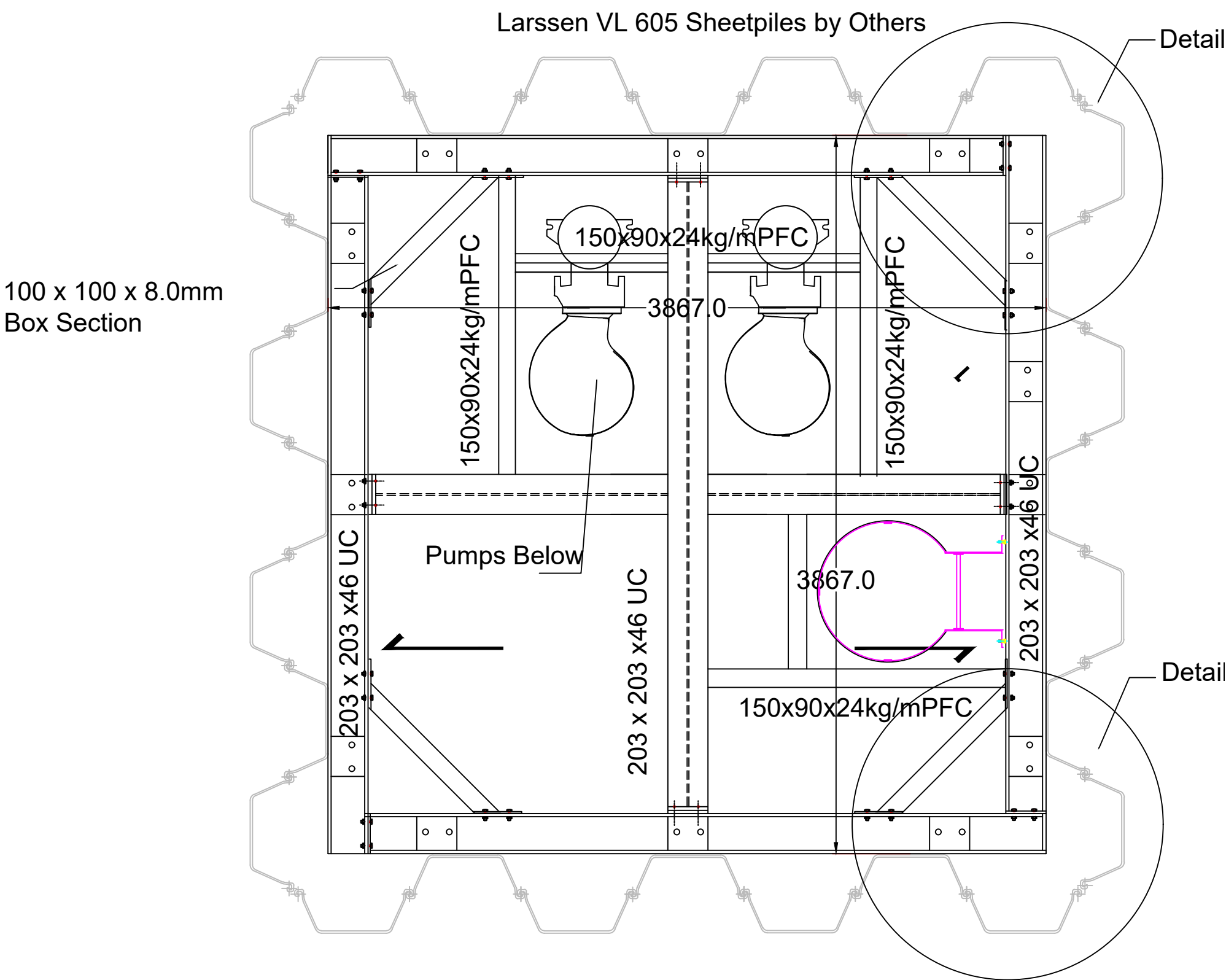
DRAWING TITLE: Settlement Pond Detail	
PROJECT TITLE: BnM Substitute Consent Application, Ballivor Bog Group	
DRAWING BY: JOB/KD	CHECKED BY: Tommy Harlin
PROJECT No.: 191137-f	DRAWING No.: 191137-f - 30
SCALE: 1: 100 @ A3	DATE: 30.07.2024
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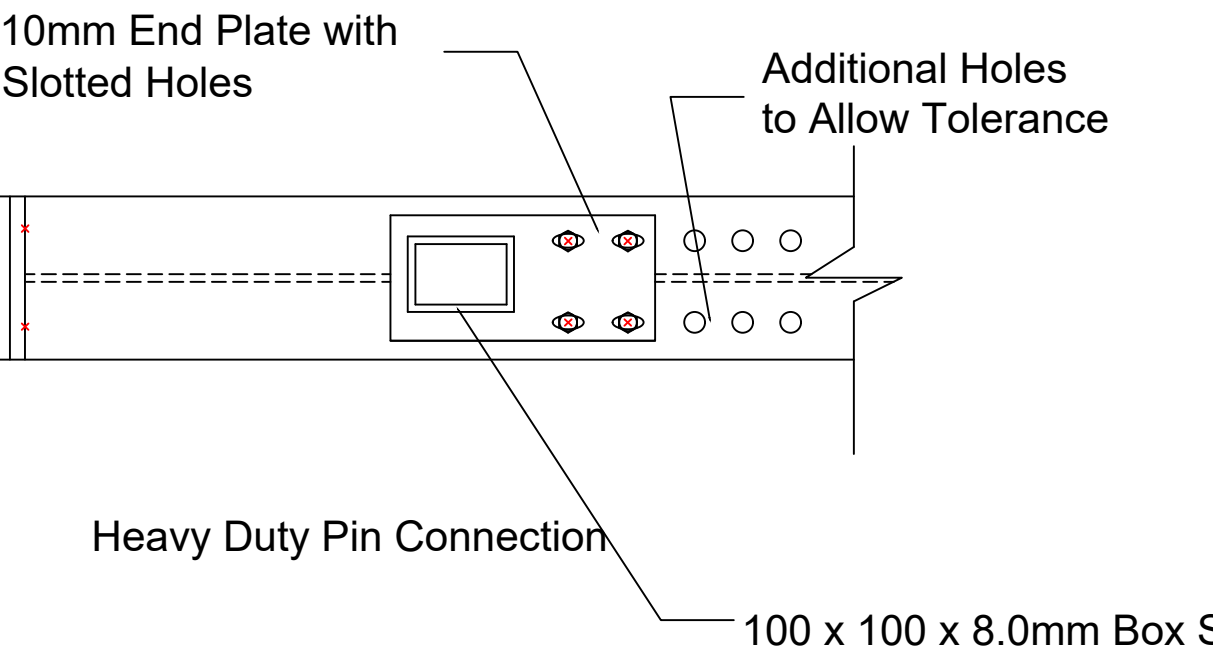
Elevation of Cofferdam
Scale 1:25



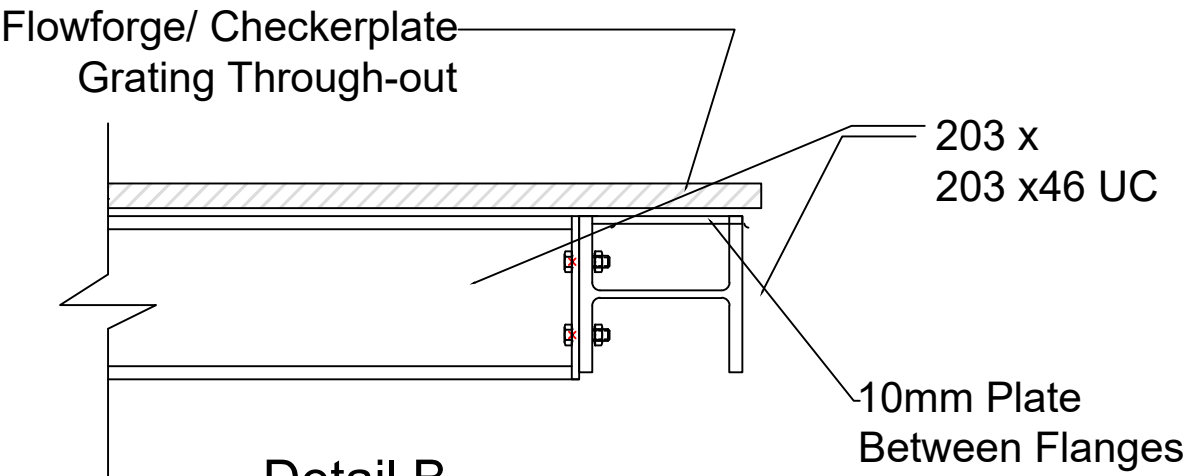
Base Frame Detail - Section B-B
Scale 1:25



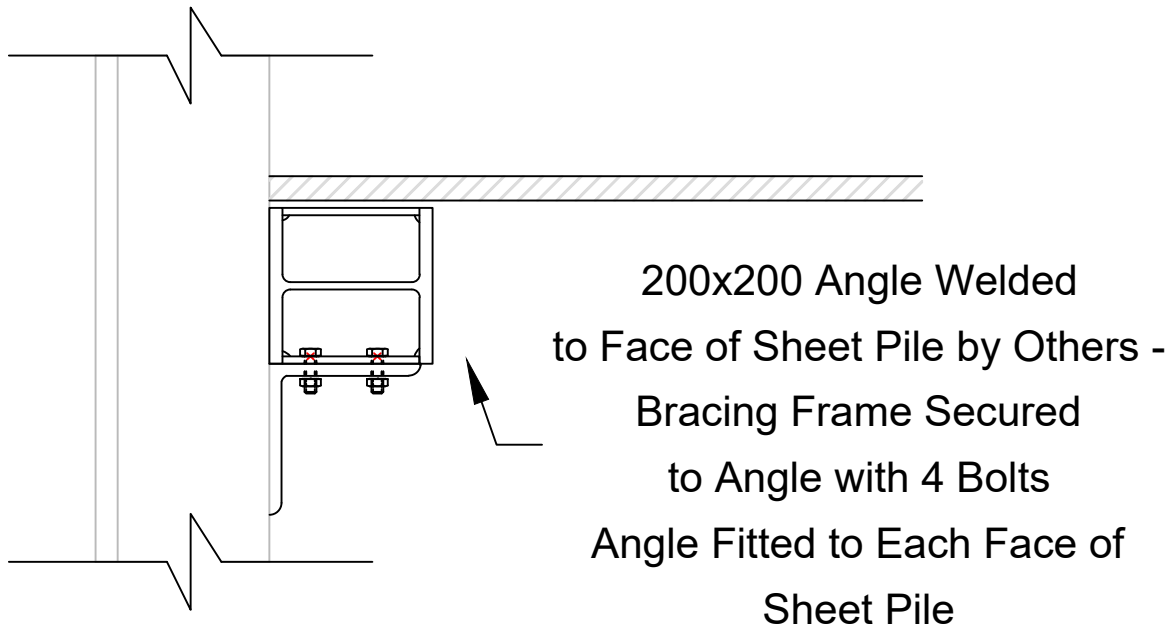
Base Frame Detail - Section B-B
Scale 1:25



Detail A
Scale 1:10



Detail B
Scale 1:10



Bracing Support Detail
Scale 1:10

Bord na Móna

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Project
BALLIVOR BOG GROUP

Client
BORD NA MÓNA

Drawing Title
COFFERDAM PUMP SITE
TYPICAL DESIGN

Date:	Scale (A1)	Drawn by	Checked by	Approved by
01/07/2024	As Shown	R.M.		E.C.

Status	FOR APPROVAL	FOR CONSTRUCTION	Dwg. No.
PLANNING ☒	☐	☐	BNM-BR-DR-PS-01
TENDER ☐	☐	☐	