

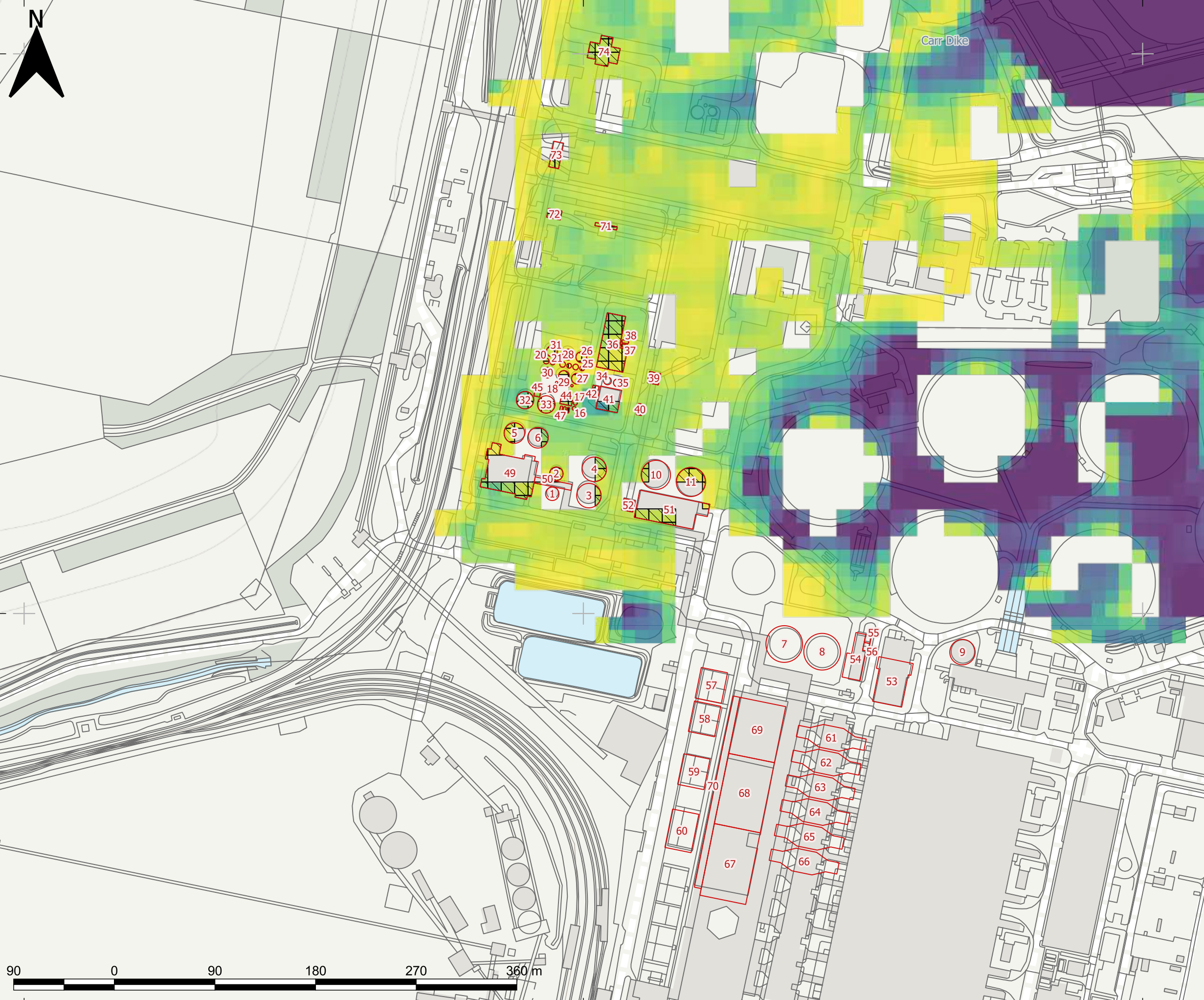
465500

466000




466500

428000

427500



KEY:

-  Demolished Building Footprints
-  Extracted
- FT2 Flood Depth (m)**
- 
- 0 1

A	17/8/22	BW	FIRST ISSUE	ES	AS
REV	DATE	DRW	DESCRIPTION	CHK	APP

STATUS: **FOR INFORMATION ONLY**



Kings Orchard, 1 Queen Street,
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CLIENT: **DRAX POWER**

ARCHITECT: -

PROJECT: **70072063 - Drax BECCS DCO**

TITLE: **Flood Compensation Areas
FT2 Flood Result Demolished
Buildings Intersection**

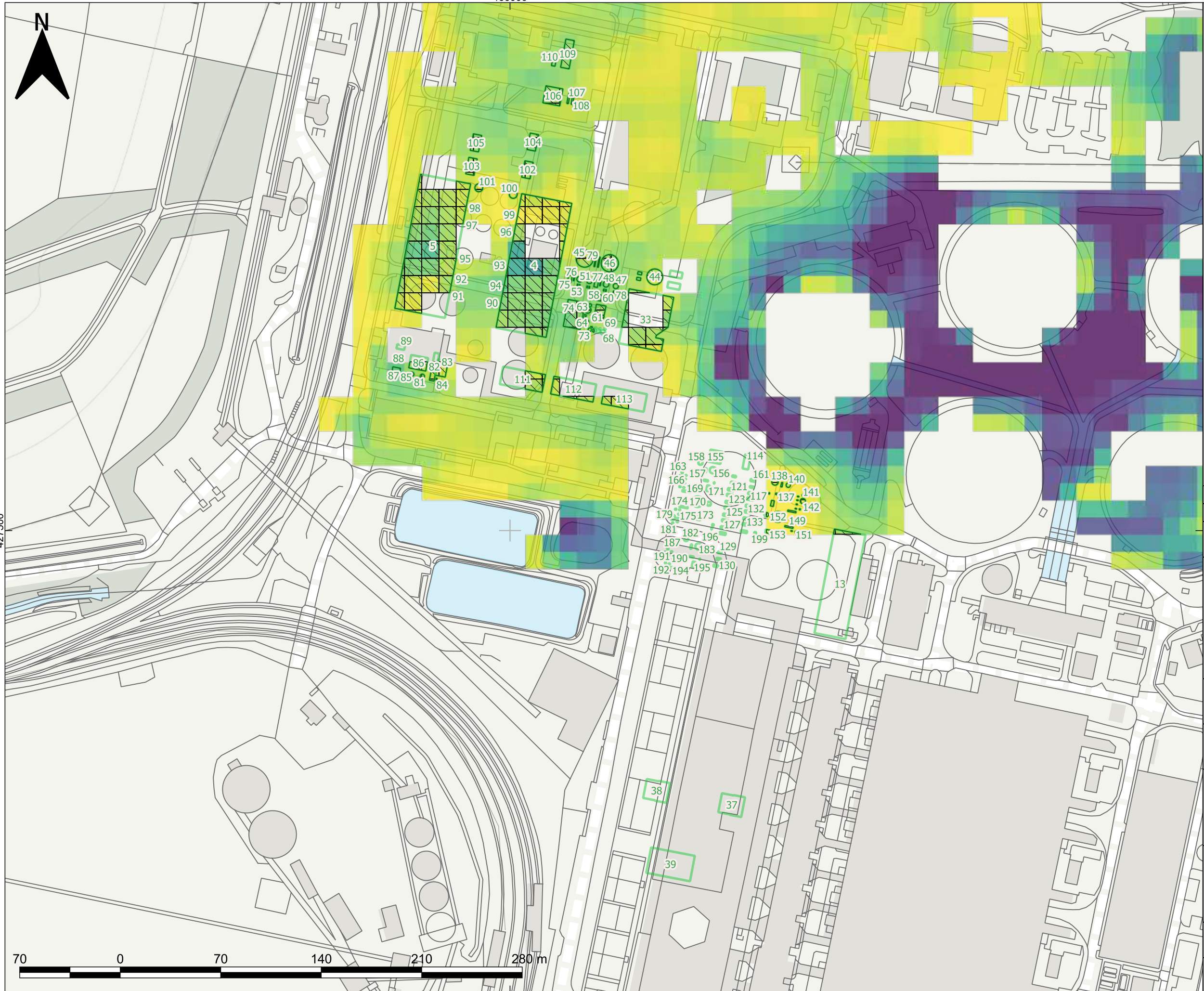
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BW	ES	AS

QGIS FILE: Drax Flood Compensation Analysis.ggz	SCALE @A3: 1:3,310	DATE: 18/08/22
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PROJECT No: 70072063	DRAWING No: 70072063-FCA-1	REV: A
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Created by: UKEXB035 - 2022-08-18 16:05:48 - \\uk.wspgroup.com\central_data\Projects\70072063 - Drax BECCS DCO\03 Environment\09 Surface Water\04 WIP\Flood Compensation Analysis.ggz



KEY:

- Proposed Building Footprints
- Extracted

FT2 Flood Depth (m)

0 1

A	17/8/22	BW	FIRST ISSUE	ES	AS
REV	DATE	DRW	DESCRIPTION	CHK	APP

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CLIENT: **DRAX POWER**

ARCHITECT: -

PROJECT: **70072063 - Drax BECCS DCO**

TITLE: **Flood Compensation Areas
FT2 Flood Result Proposed Buildings
Intersection**

DRAWN:	CHECKED:	APPROVED:
BW	ES	AS

QGIS FILE: Drax Flood Compensation Analysis.ggz	SCALE @A3: 1:2,530	DATE: 18/08/22
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PROJECT No: 70072063	DRAWING No: 70072063-FCA-2	REV: A
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PHOTOS OF PROPOSED COMPENSATION AREA

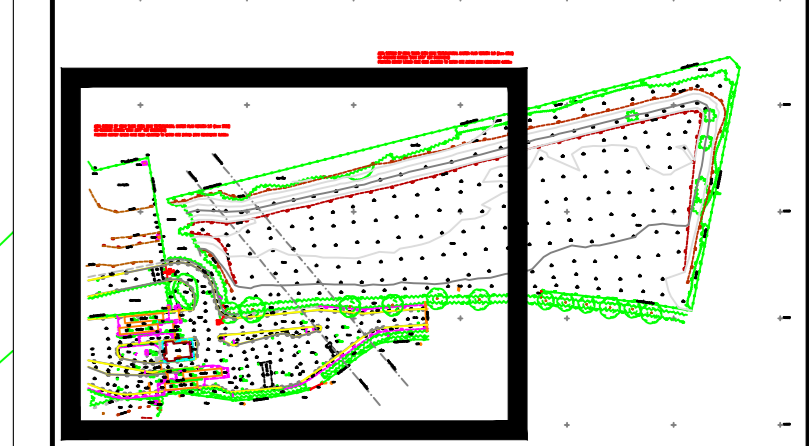
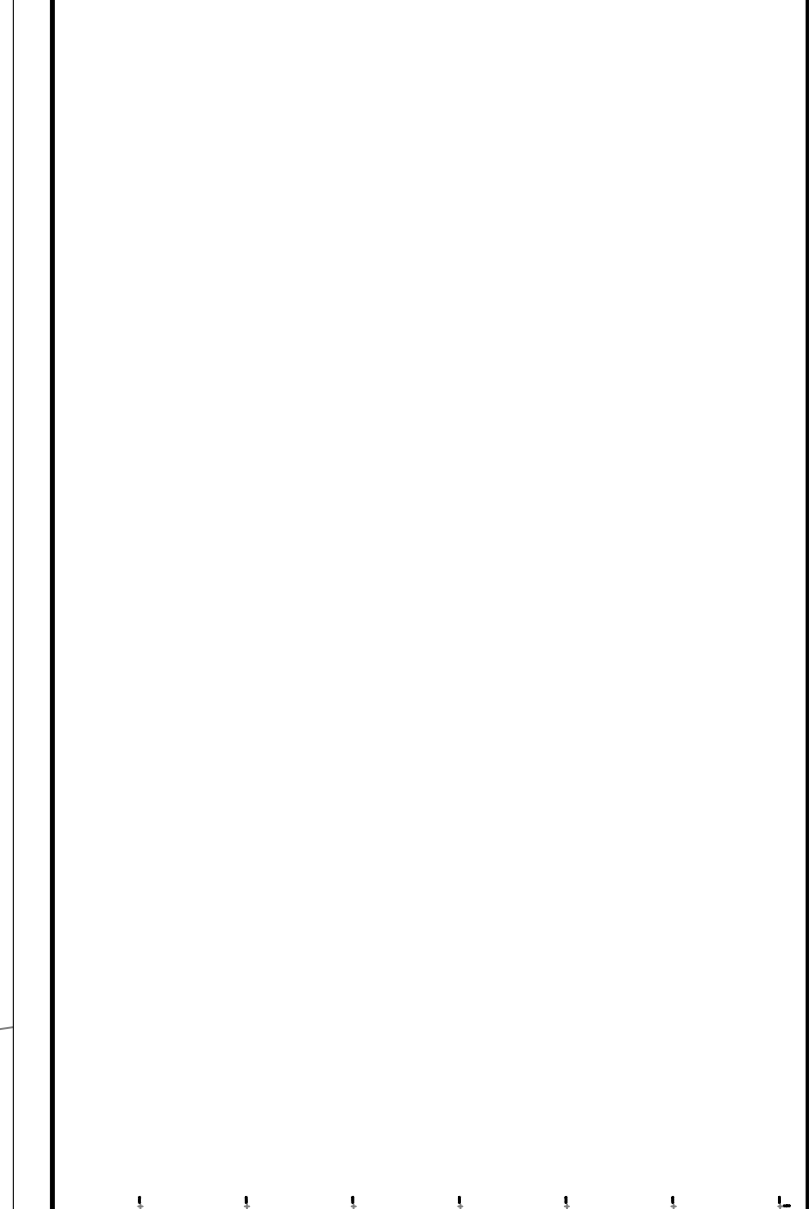


AREA OUTSIDE OF FIELD TAKEN FROM DRAX TOPOGRAPHICAL MASTER PLAN VERSION 2.0 (June 2022)
 CO-ORDINATE SYSTEM: "DRAX 2017" NOT OSGB36(15)
 PREVIOUS SURVEY LEVELS HAVE BEEN ADJUSTED TO MATCH SITE DATUM: DRAX BENCHMARK 6.993m



MANHOLE LEGEND		ABBREVIATIONS	
HWCT	Cable Television	LP	Lamp Post
HWEL	Electricity	WP	Water Stop Valve
HWGA	Gas	TP	Telegraph Pole
HWSS	Surface Water	EP	Electricity Pole
HWFW	Foul Water	GM	Gas Marker Monument
HWBT	British Telecom	MS	Manhole
HWWT	Water	GU	Gully
SYMBOL LEGEND	FL	Fire Hydrant	
+	Benchmark	WM	Water Meter
○	Manhole	WSSV	Water Stop Valve
□	Electric Pole	GSV	Gas Stop Valve
○	Electricity Pole	RE	Rodding Eye
○	Fence Post	GU	Gully
□	Gas Stop Valve	FL	Fire Hydrant
○	Gate Post	WM	Water Meter
○	Gas Marker	WSSV	Water Stop Valve
○	Gully	GSV	Gas Stop Valve
○	Gas Well	RE	Rodding Eye
○	Lamp Post	FL	Bottom of Bank
+	Manhole Post	BL	Building
△	MS Triangular	CE	Concrete Edge
△	Ground Marker	CE	Concrete Edge
○	Marker Post	DI	Ditch
○	Rodding Eye	DK	Drop Kerb
○	Sample Point	OC	Overhead Cable
○	Sign Post	FC	Fence
○	Spot Height	GA	Gate
+	Stone Level	KE	Kerb
+	Ridge Level	PK	Path
△	Survey Station	PL	Power Line
○	Telegraph Pole	TE	Tarmac Edge
○	Deciduous Tree	TB	Top of Bank
○	Valve	TR	Track
○	Water Meter	WA	Wall
○	Letter Box	VE	Verge
○	MS Circular	HE	Hedge/Line
		GE	Grass Edge

SHEET LAYOUT



REVISION	DESCRIPTION	DATE

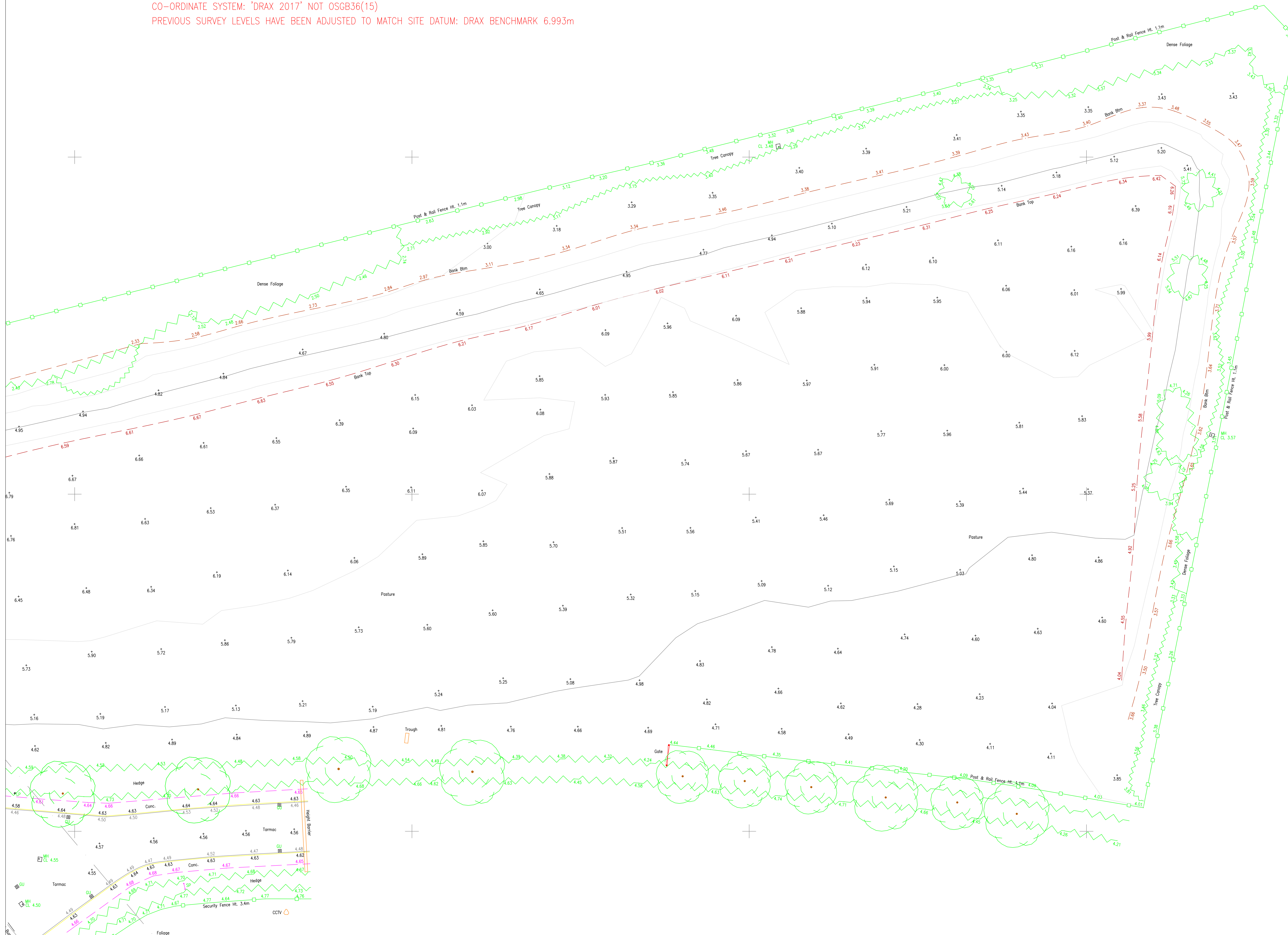
PRODAR
 Underground Mapping

PRODAR SURVEYS LTD.
 Unit 20 Carlisle House
 Carlisle Street
 Goole DN14 5DS
 T: +44 (0) 1482 778 588
 F: +44 (0) 8443 913 111
 E: info@prodarsurveys.co.uk
 W: www.prodarsurveys.co.uk

JOB TITLE: DRAX POWER LIMITED
 BECOS PROJECT
 DRAX POWER STATION

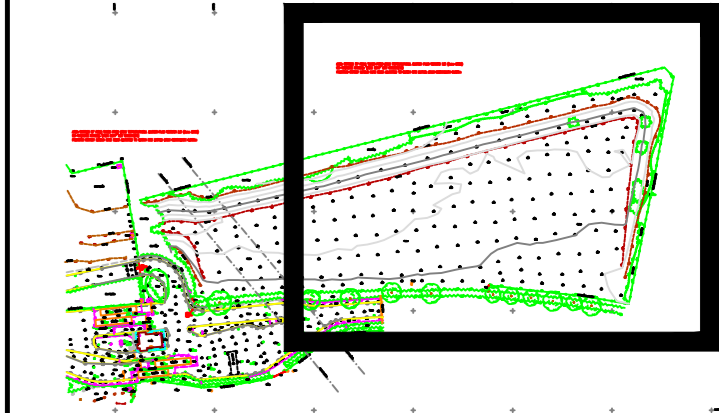
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DRAWING NO: 9239A-001	DATE: 02/09/2022
SHEET NO: No.1 of 2	REVISION:
DRAWN BY: JB	SCALE: 1:200 @ A3
CHECKED BY: MS	APPROVED BY: AD
SCALE BAR: 0.9m 2.0m 4.0m 6.0m 8.0m 10.0m	

AREA OUTSIDE OF FIELD TAKEN FROM DRAX TOPOGRAPHICAL MASTER PLAN VERSION 2.0 (June 2022)
 CO-ORDINATE SYSTEM: 'DRAX 2017' NOT OSGB36(15)
 PREVIOUS SURVEY LEVELS HAVE BEEN ADJUSTED TO MATCH SITE DATUM: DRAX BENCHMARK 6.993m



MANHOLE LEGEND		ABBREVIATIONS	
HWCT	Cable Television	LP	Lamp Post
HWEL	Electricity	TP	Telegraph Pole
HWGA	Gas	EP	Electricity Pole
HWFW	Surface Water	GM	Gas Marker Monument
HWBT	British Telecom	MS	Manhole
HWWT	Water	GU	Gully
		FL	Fire Hydrant
		WM	Water Meter
		WSV	Water Stop Valve
		GSV	Gas Stop Valve
		RZ	Rodding Eye
		GU	Gully
		FL	Fire Hydrant
		WM	Water Meter
		WSV	Water Stop Valve
		GSV	Gas Stop Valve
		RE	Rodding Eye
			Bottom of Bank
			Building
			Canopy Edge
			Concrete Edge
			Ditch
			Drop Kerb
			Overhead Cable
			Fence
			Gate
			Kerb
			Path
			Plot Line
			Tarmac Edge
			Top of Bank
			Track
			Wall
			Verge
			Hedge/Line
			Grass Edge

SHEET LAYOUT



REVISION	DESCRIPTION	DATE

<p>Underground Mapping</p>	<p>PRODAR SURVEYS LTD. Unit 20 Carlisle House Carlisle Street Goole DN14 5DS T: +44 (0) 1482 778 588 F: +44 (0) 8443 913 111 E: info@prodarsurveys.co.uk W: www.prodarsurveys.co.uk</p>
	<p>JOB TITLE: DRAX POWER LIMITED BECCS PROJECT DRAX POWER STATION</p>
	<p>DRAWING TITLE: TOPOGRAPHICAL SURVEY</p>
	<p>DRAWING NO: 02394-001 DATE: 02/09/2022 SHEET NO: No.2 of 2 REVISION: DRAWN BY: AD SCALE: 1:200 @ A3 CHECKED BY: MS APPROVED BY: AD</p>

SCALE BAR: 0.0m 2.0m 4.0m 6.0m 8.0m 10.0m

466500



Site-won Material Volume (m3)	Flexible Extent	Minimum Required Extent
Providing Compensation	1,079	880
Total	2,505	2,038

- KEY:**
- Redline Boundary
 - Indicative Earthworks**
 - 1 in 4 Slope
 - Cut to 4.36m AOD
 - Site-Won Material Placement Area
 - Floodplain Compensation Extents**
 - Flexible
 - Minimum Required

NOTES

- Indicative cut area to be sloped up to existing ground levels at 1 in 4 slope.
- Site-won material to be placed in areas above 5.35m AOD.
- Proposed Flood Compensation Area is indicative and subject to detailed design.

REV	DATE	DRW	DESCRIPTION	CHK	APP
A	12/9/22	BW	FIRST ISSUE	ES	AS

STATUS: **FOR INFORMATION ONLY**



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CLIENT: **DRAX POWER**

ARCHITECT: -

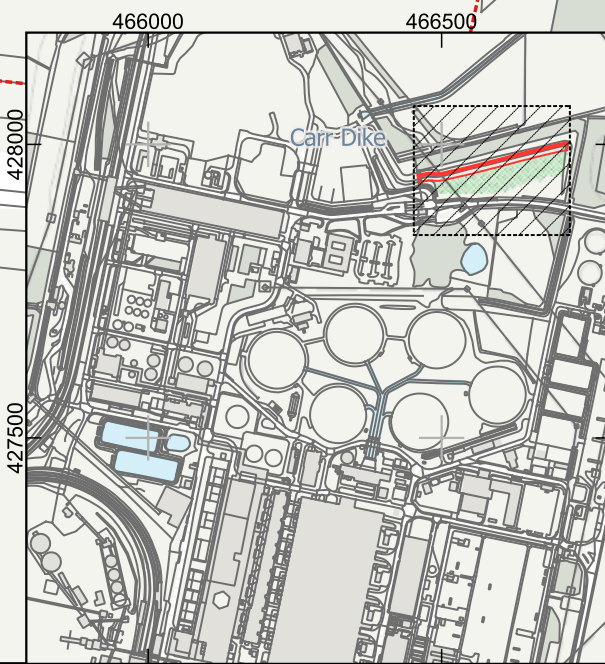
PROJECT: **70072063 - Drax BECCS DCO**

TITLE: **Indicative Flood Compensation Area**

DRAWN:	CHECKED:	APPROVED:
BW	ES	AS

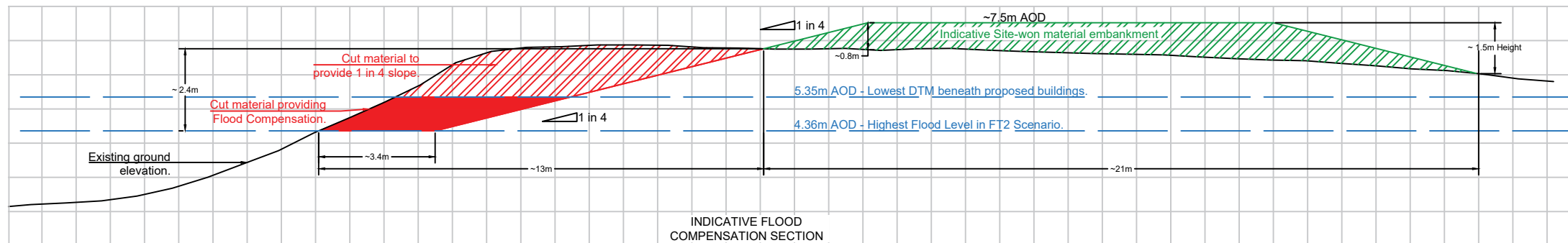
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PROJECT No:	DRAWING No:	REV:
70072063	70072063-FCA-2	A



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Created by: UKEXB035 - 2022-09-13 09:23:00 - \\uk.wspgroup.com\central_data\Projects\70072063 - Drax BECCS DCO\03 Environment\09 Surface Water\04 WIP\Flood Compensation Analysis\03.ggz



- NOTES
- Indicative cut area to be sloped up to existing ground levels at 1 in 4 slope.
 - Site-won material to be placed in areas above 5.35m AOD.
 - Proposed Flood Compensation Area is indicative and subject to detailed design.

REV	DATE	DRW	DESCRIPTION	CHK	APP
A	12/9/22	BW	FIRST ISSUE	ES	AS

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CLIENT:
DRAX POWER

ARCHITECT:
-

PROJECT:
70072063 - Drax BECCS DCO

TITLE:
Indicative Flood Compensation Section

DRAWN: BW	CHECKED: ES	APPROVED: AS
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QGIS FILE: Drax Flood Compensation Analysis.ggz	SCALE @A3:	DATE: 13/09/22
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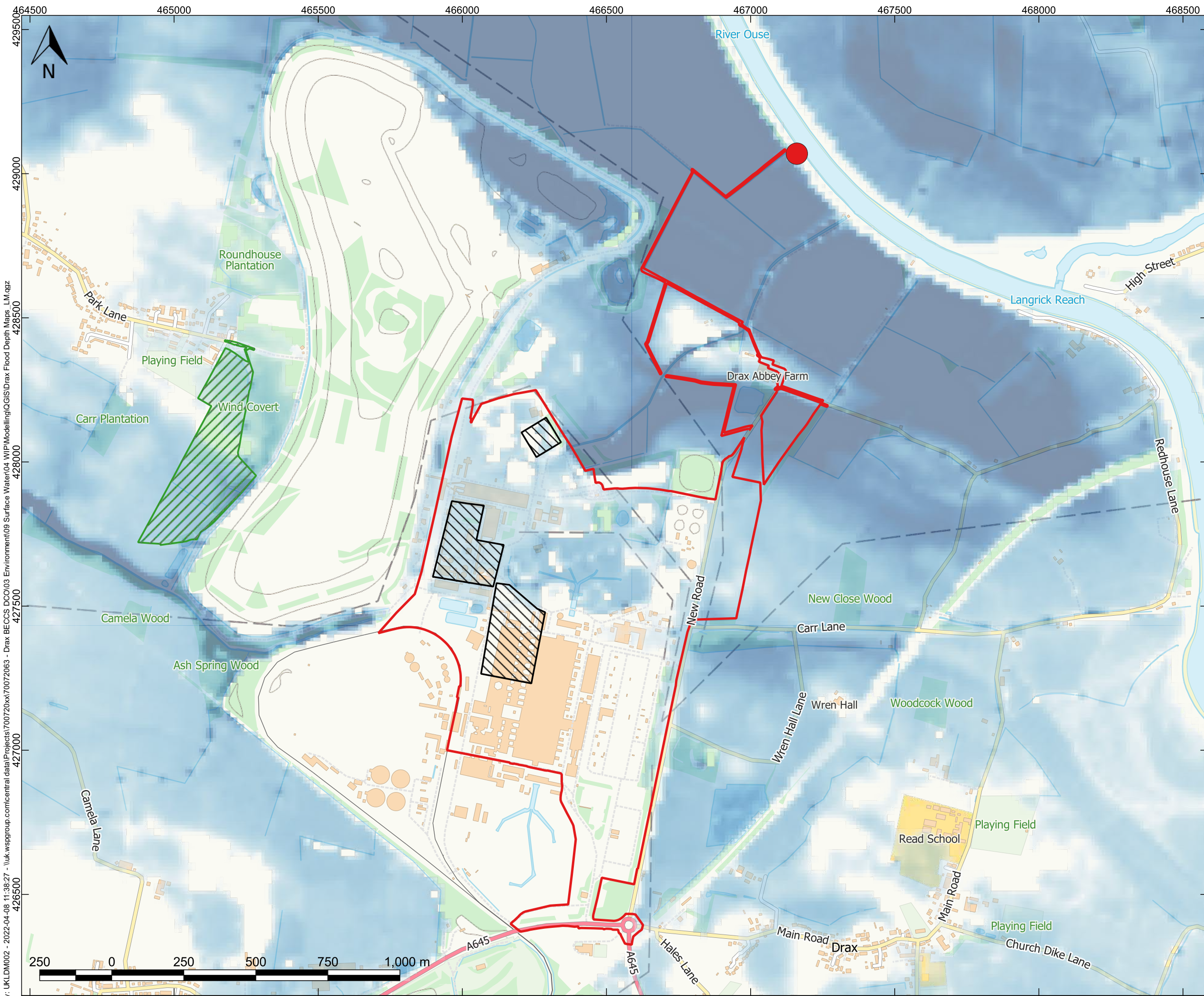
PROJECT No: 70072063	DRAWING No: 70072063-FCA-3	REV: A
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APPENDIX N – 60 YEAR DESIGN LIFE FLOOD LEVELS



60 Year Design life flood levels

Building Reference	FD	FT1	FT5	T	Min design level (mAOD) based on 2046 design event FT2	Freeboard/flood depth (m)			
	Modelled 60yr design life flood levels (mAOD)					FD	FT1	FT5	T
1 East	0.00	0.00	0.00	0.00	6.58	0.3m above ground level			
1 West	0.00	0.00	0.00	0.00	6.20	0.3m above ground level			
10	5.68	5.58	4.90	4.85	5.40	-0.28	-0.18	0.50	0.55
12 East	5.68	5.58	4.90	4.85	5.40	-0.28	-0.18	0.50	0.55
12 West	5.68	5.58	4.90	4.85	5.40	-0.28	-0.18	0.50	0.55
13	5.68	5.58	4.90	4.85	5.40	-0.28	-0.18	0.50	0.55
14	5.68	5.58	4.90	4.85	5.40	-0.28	-0.18	0.50	0.55
16	5.68	5.58	4.90	4.85	5.40	-0.28	-0.18	0.50	0.55
3 East	0.00	0.00	0.00	0.00	6.15	0.3m above ground level			
3 West	0.00	0.00	0.00	0.00	6.23	0.3m above ground level			
4 East	5.68	5.58	4.90	4.85	5.40	-0.28	-0.18	0.50	0.55
4 West	0.00	0.00	0.00	0.00	5.91	0.3m above ground level			
8	0.00	0.00	0.00	0.00	6.26	0.3m above ground level			



KEY:

- Order Limits
- Indicative Areas of Proposed Works
- Off-Site Habitat Provision Area
- Breach Location

Maximum Flood Depth (m)

- 0.00 - 0.15 m
- 0.15 - 0.50 m
- 0.50 - 1.00 m
- 1.00 - 1.50 m
- 1.50 - 2.00 m
- 2.00 - 2.50 m
- >2.50m

A	08/04/22	LM	FIRST ISSUE	ES	AS
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CLIENT: **drax**

ARCHITECT: -

PROJECT: **DRAX BECCS DCO**

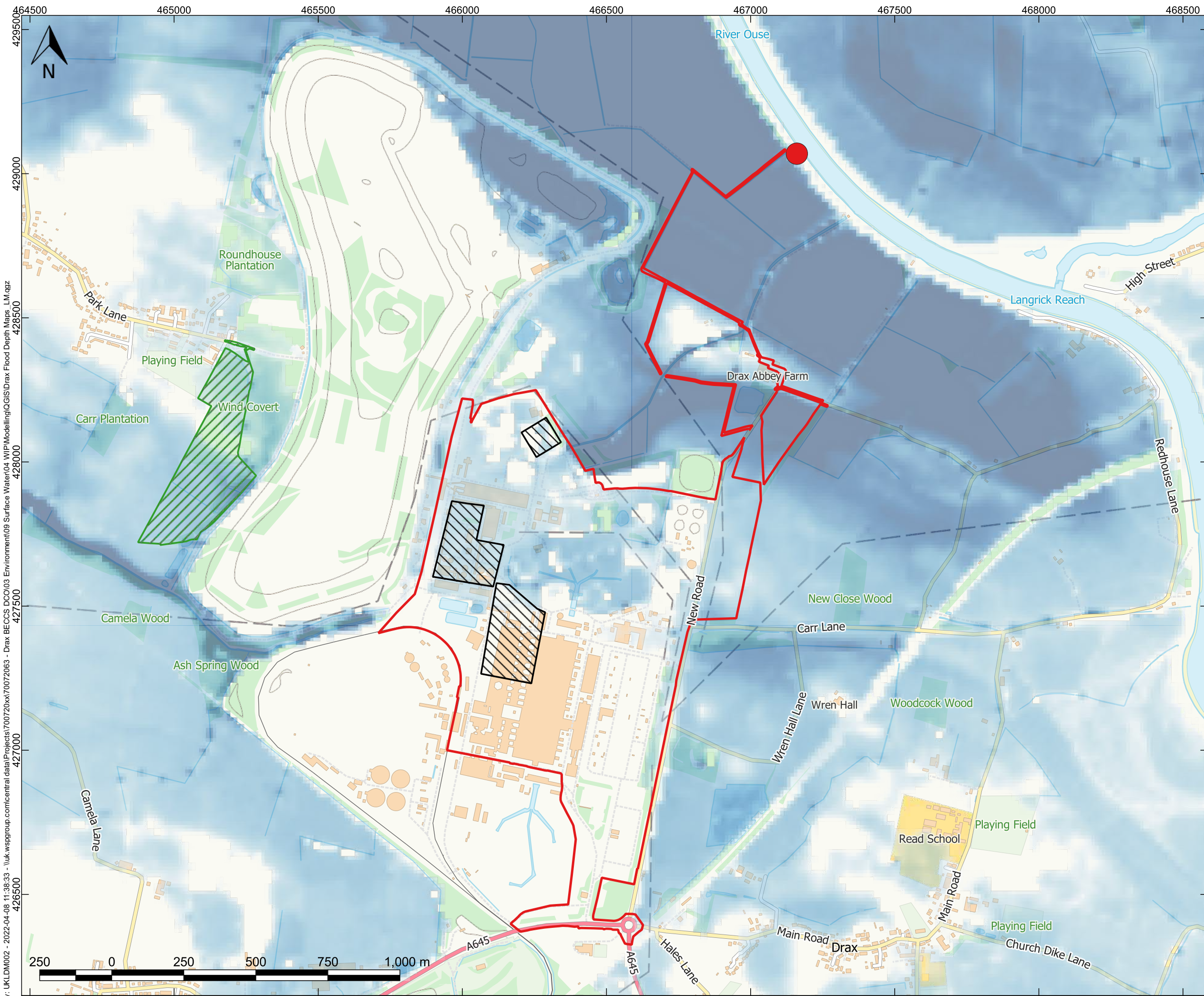
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DRAWN: LM	CHECKED: ES	APPROVED: AS
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PROJECT No: 70072063	DRAWING No: DEFENDED-60YR-FD-D	REV: A
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KEY:

- Order Limits
- Indicative Areas of Proposed Works
- Off-Site Habitat Provision Area
- Breach Location

Maximum Flood Depth (m)

- 0.00 - 0.15 m
- 0.15 - 0.50 m
- 0.50 - 1.00 m
- 1.00 - 1.50 m
- 1.50 - 2.00 m
- 2.00 - 2.50 m
- >2.50m

A	08/04/22	LM	FIRST ISSUE	ES	AS
REV	DATE	DRW	DESCRIPTION	CHK	APP

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CLIENT: **drax**

ARCHITECT: -

PROJECT: **DRAX BECCS DCO**

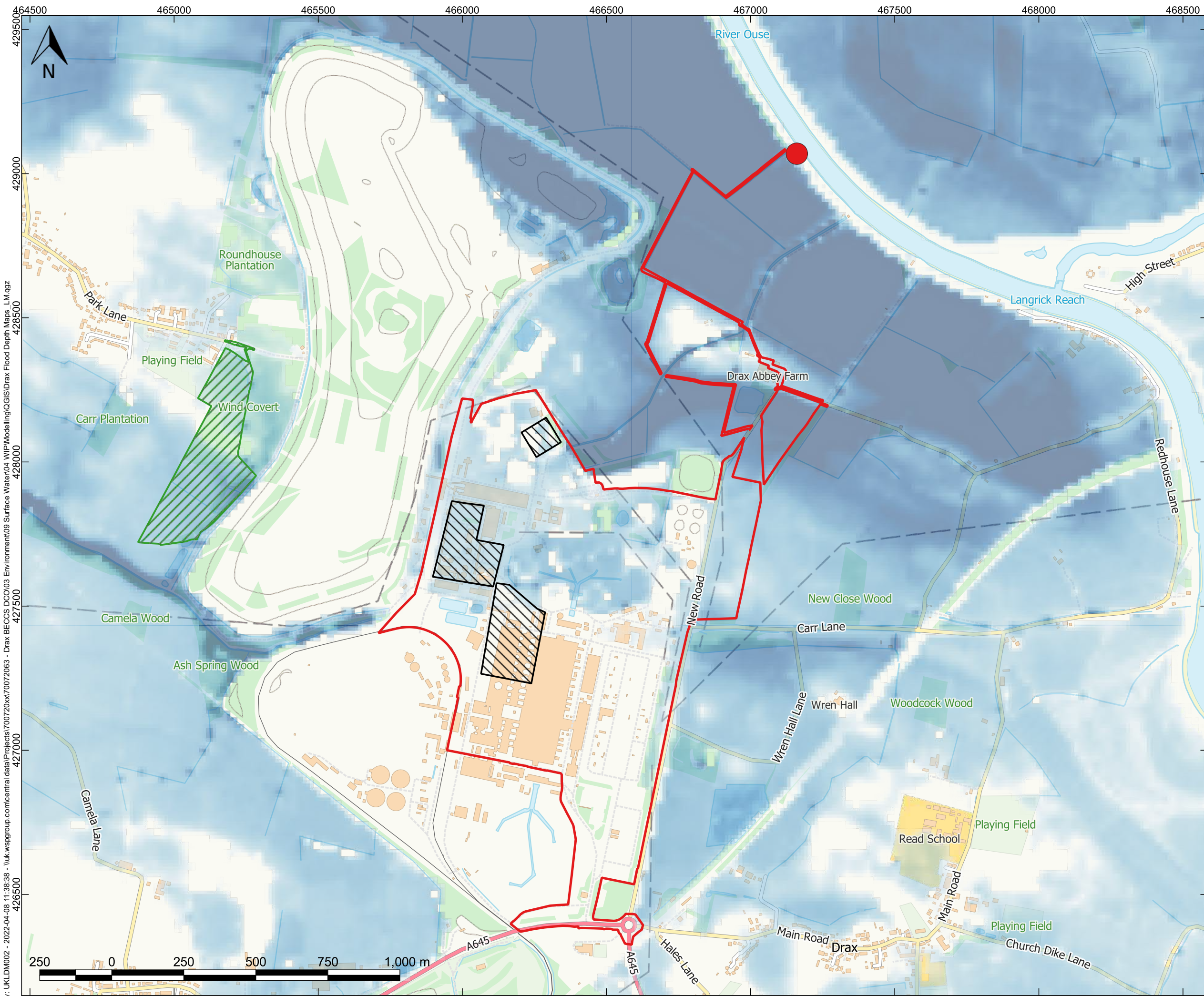
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DRAWN: LM	CHECKED: ES	APPROVED: AS
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PROJECT No: 70072063	DRAWING No: DEFENDED-60YR-FT1-D	REV: A
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KEY:

- Order Limits
- Indicative Areas of Proposed Works
- Off-Site Habitat Provision Area
- Breach Location

Maximum Flood Depth (m)

- 0.00 - 0.15 m
- 0.15 - 0.50 m
- 0.50 - 1.00 m
- 1.00 - 1.50 m
- 1.50 - 2.00 m
- 2.00 - 2.50 m
- >2.50m

A	08/04/22	LM	FIRST ISSUE	ES	AS
REV	DATE	DRW	DESCRIPTION	CHK	APP

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CLIENT: **drax**

ARCHITECT: -

PROJECT: **DRAX BECCS DCO**

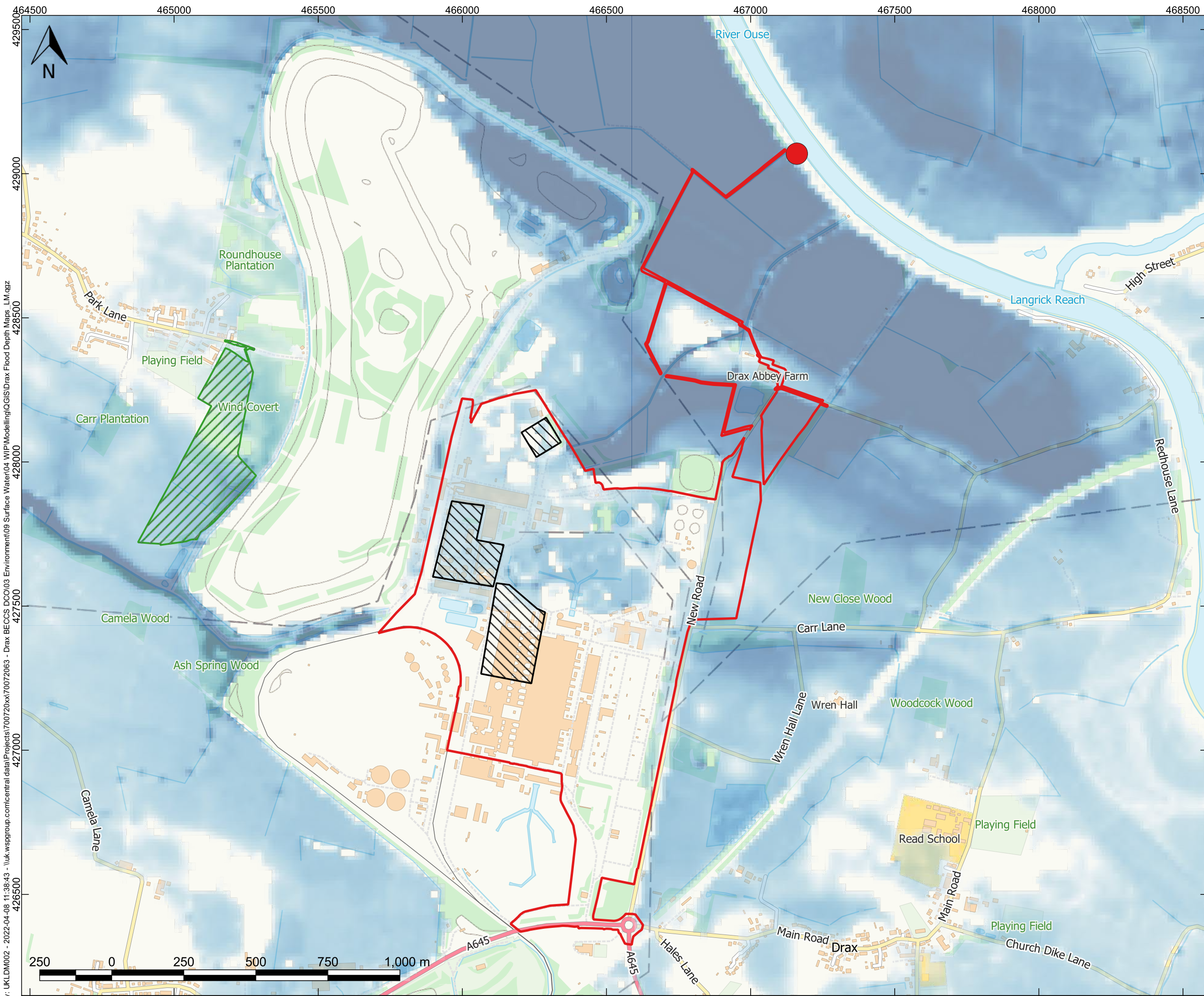
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DRAWN: LM	CHECKED: ES	APPROVED: AS
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PROJECT No: 70072063	DRAWING No: DEFENDED-60YR-FT5-D	REV: A
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KEY:

- Order Limits
- Indicative Areas of Proposed Works
- Off-Site Habitat Provision Area
- Breach Location

Maximum Flood Depth (m)

- 0.00 - 0.15 m
- 0.15 - 0.50 m
- 0.50 - 1.00 m
- 1.00 - 1.50 m
- 1.50 - 2.00 m
- 2.00 - 2.50 m
- >2.50m

A	08/04/22	LM	FIRST ISSUE	ES	AS
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CLIENT: **drax**

ARCHITECT: -

PROJECT: **DRAX BECCS DCO**

TITLE: **MAXIMUM FLOOD DEPTHS FOR T DEFENDED - 60-YEAR DESIGN LIFE**

DRAWN: LM	CHECKED: ES	APPROVED: AS
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QGIS FILE: Drax Flood Depth Maps_LM.ggz	SCALE @A3: 1:12,500	DATE: 08/04/22
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PROJECT No: 70072063	DRAWING No: DEFENDED-60YR-T-D	REV: A
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