

ENVIRONMENTAL STATEMENT VOLUME 3 – APPENDIX 12.1 Part 2 of 2

Flood Risk Assessment

Drax Bioenergy with Carbon Capture and Storage

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 – Regulation 5(2)(a)

Document Reference Number: 6.3.12.1

Applicant: Drax Power Limited



REVISION: 02

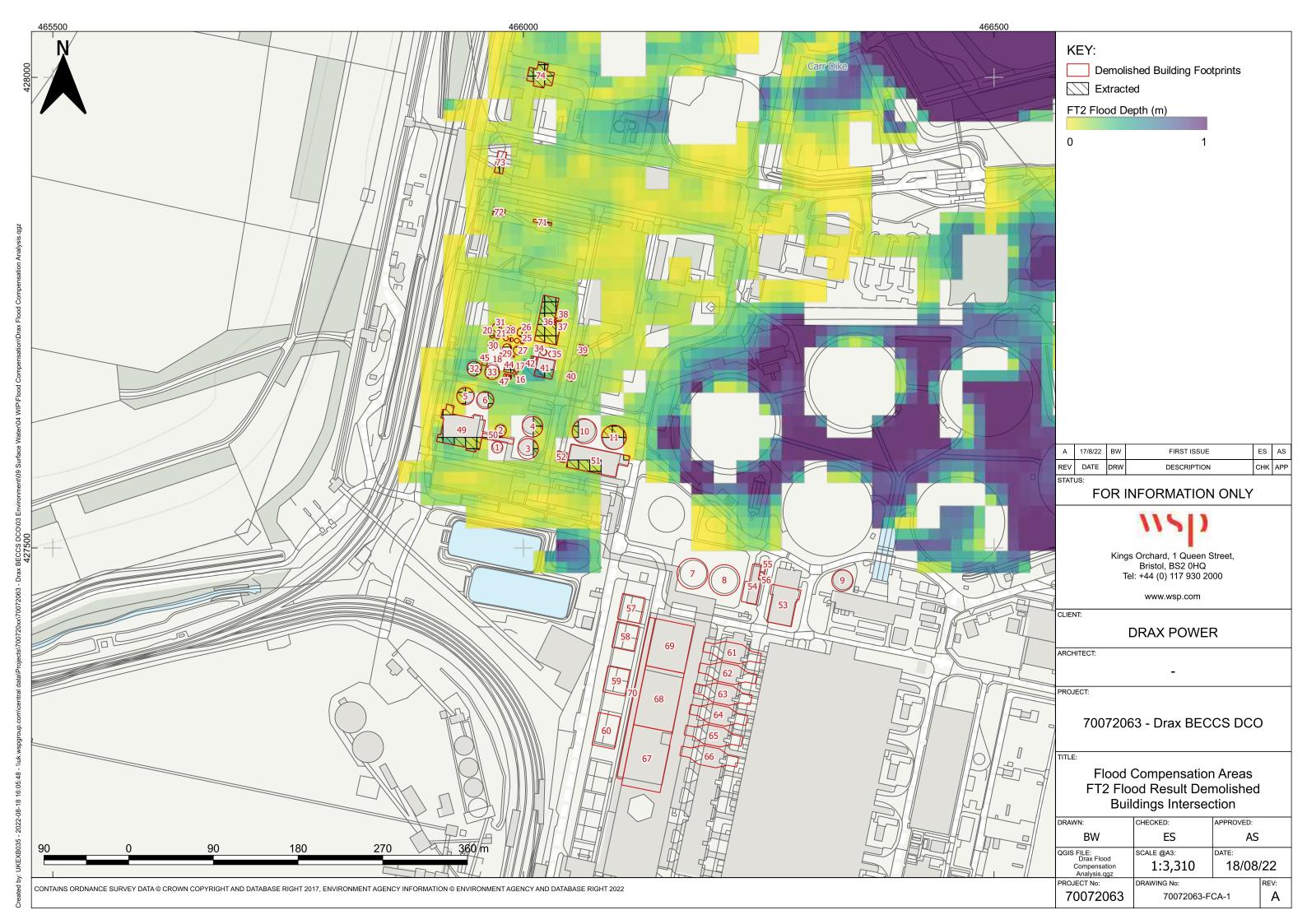
DATE: December 2022

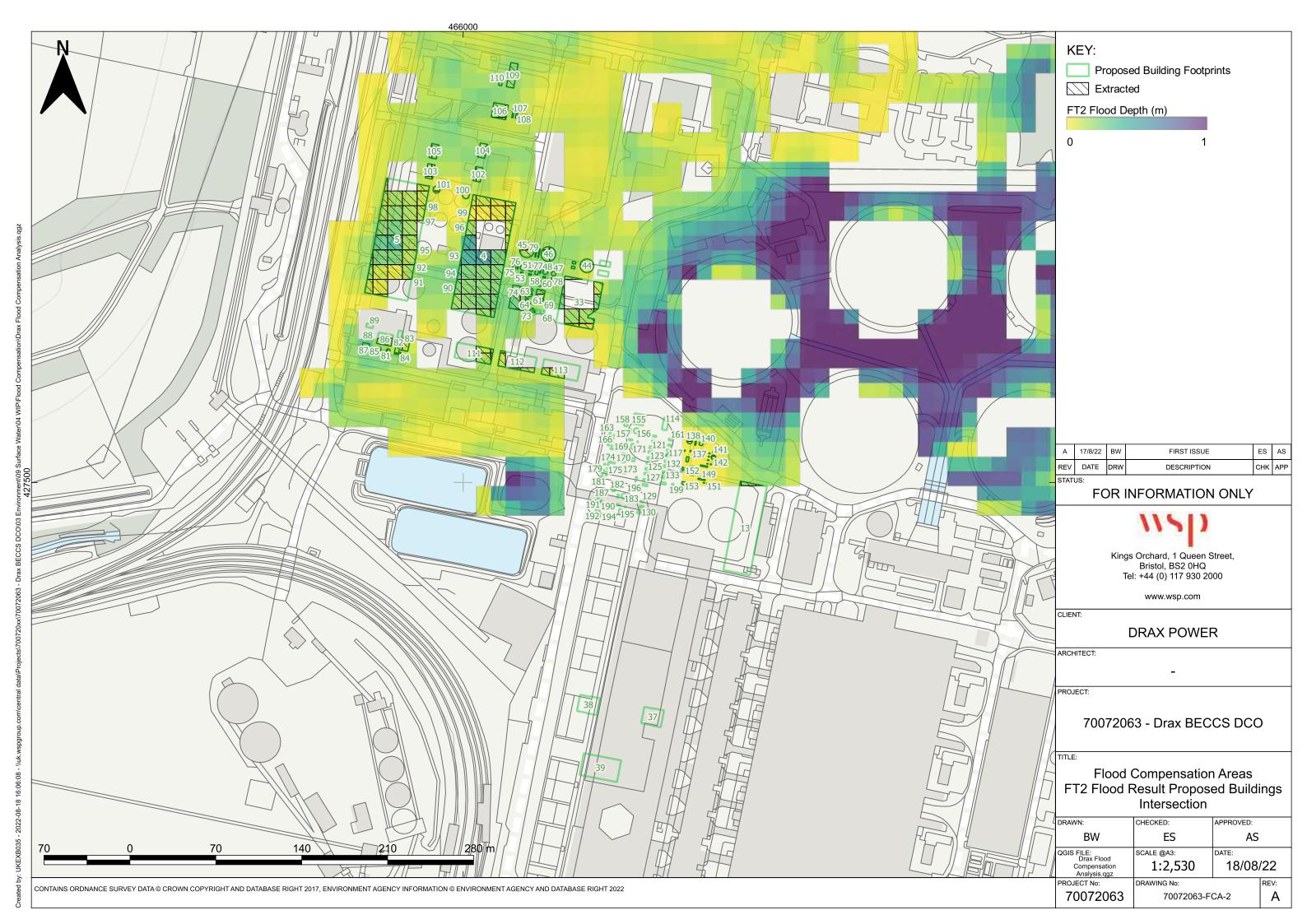
DOCUMENT OWNER: WSP UK Limited AUTHOR: A. Wilks-Daly / E. Szostak

APPROVER: A. Smith

PUBLIC

APPENDIX M – FLOODPLAIN COMPENSATION ANALYSIS





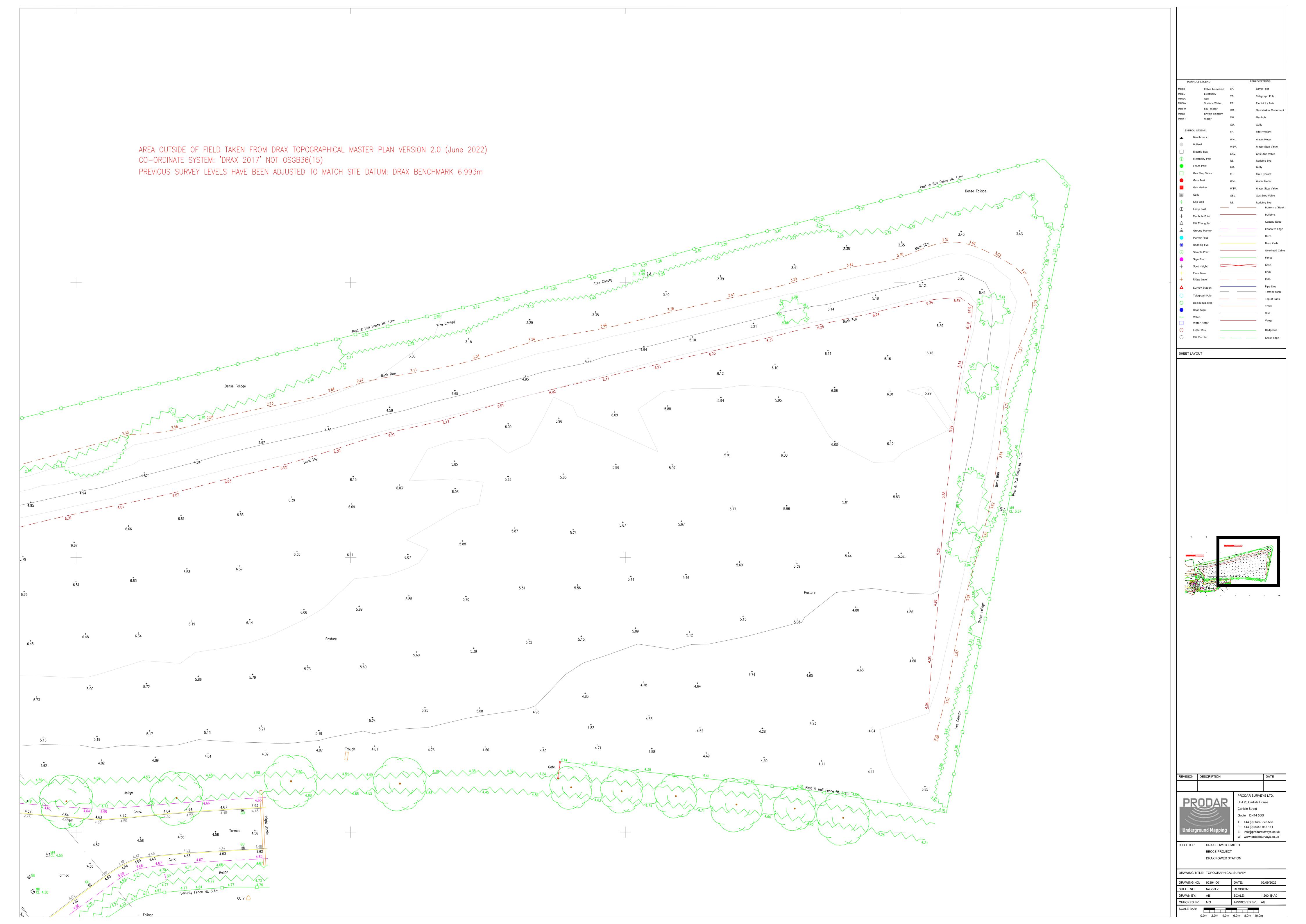
PHOTOS OF PROPOSED COMPENSATION AREA

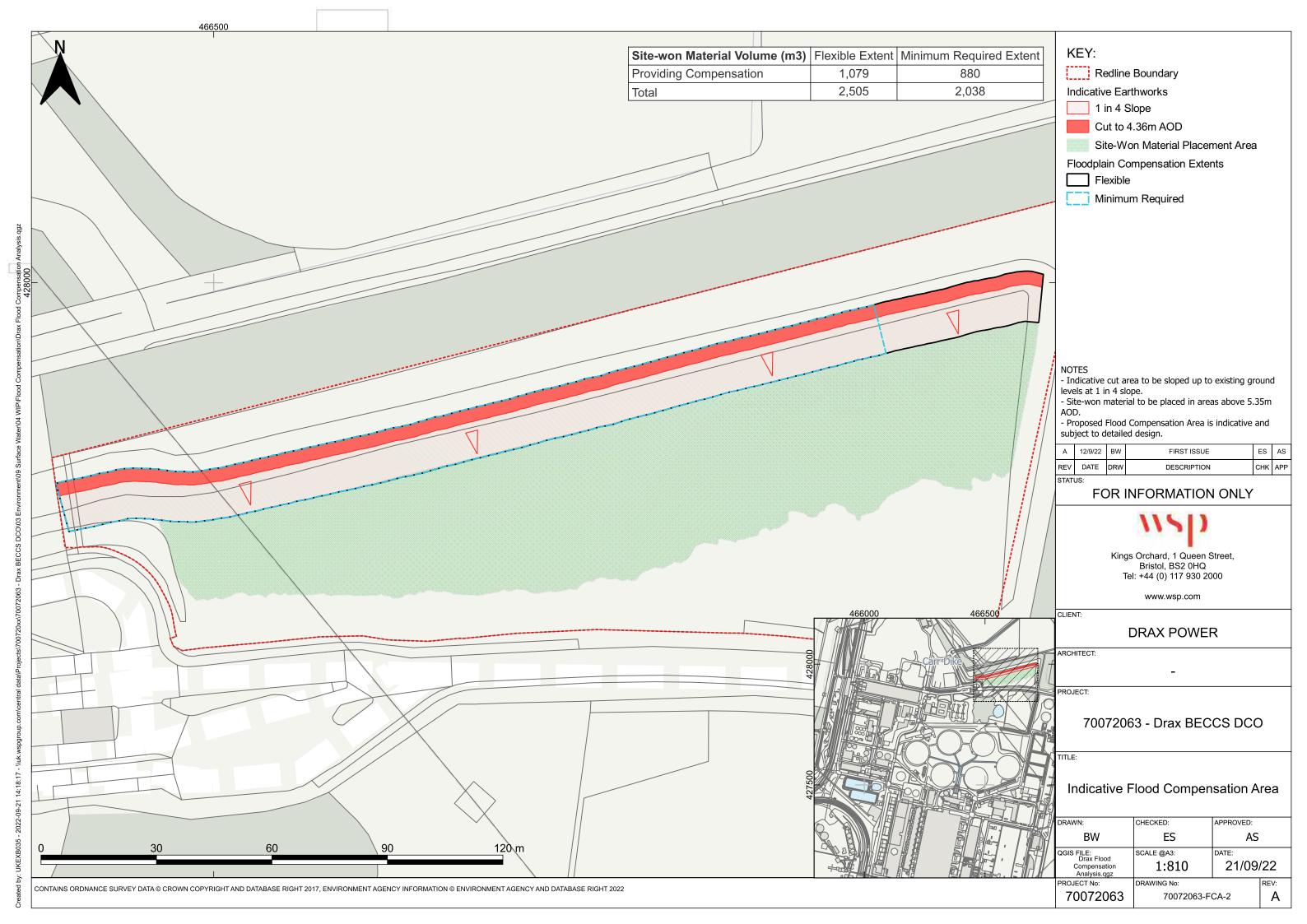


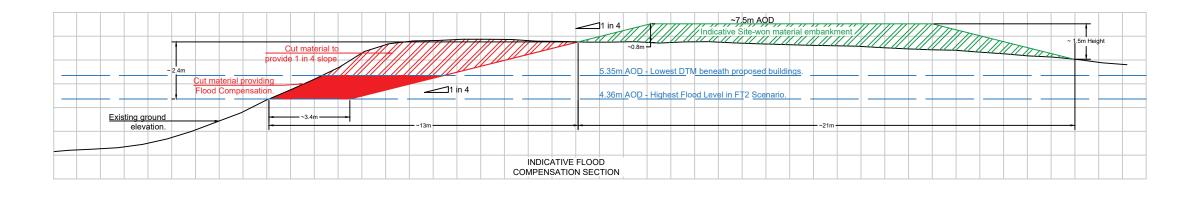


Drax Bioenergy with Carbon Capture and Storage









- 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
- Proposed Flood Compensation Area is indicative and subject to detailed design.

REV	DATE	DRW	DESCRIPTION	СНК	APP
Α	12/9/22	BW	FIRST ISSUE	ES	AS

FOR INFORMATION ONLY



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CLIENT:

DRAX POWER

ARCHITECT:

PROJECT:

70072063 - Drax BECCS DCO

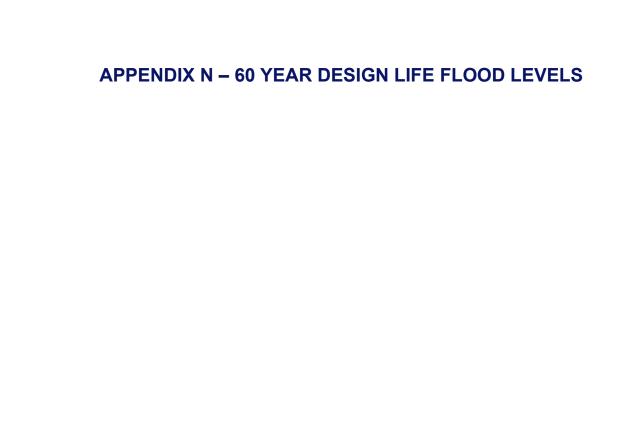
TITLE:

Indicative Flood Compensation Section

DRAWN:	CHECKED:	APPROVED:		
BW	ES	AS		
QGIS FILE: Drax Flood Compensation Analysis.qgz	SCALE @A3:	13/09	/22	
PROJECT No:	DRAWING No:		REV:	
70072063	70072063-F	Α		

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60 Year Design life flood levels

Building Reference	FD	FT1	FT5	Т	Min design level (mAOD) based on 2046 design	Freeboard/flood depth (m)			
	Modelled 60yr design life flood levels (mAOD)			event FT2	FD	FT1	FT5	Т	
1 East	0.00	0.00	0.00	0.00	6.58	0	0.3m above ground level		
1 West	0.00	0.00	0.00	0.00	6.20	0.3m above ground level			el
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			

