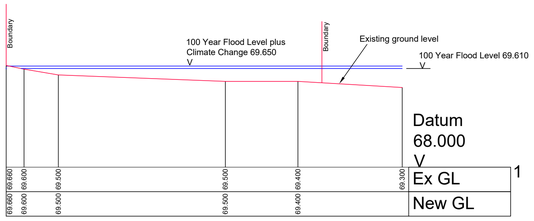
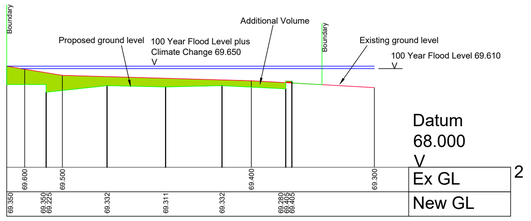


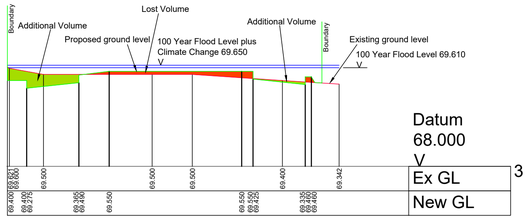
1

Proposed/Existing Levels	Areas m²
69.650-69.550	2.425
69.550-69.450	1.982
69.450-69.350	0.587
69.350-69.250	0.000
69.250-69.150	0.000



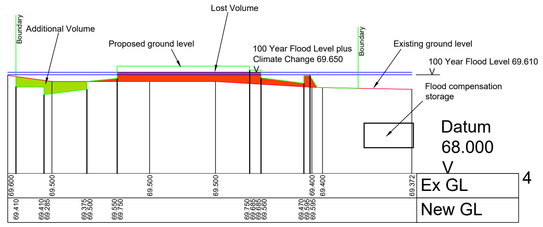
2

Proposed Levels	Areas m²	EXISTING LEVELS	Areas m²
69.650-69.550	2.573	69.650-69.550	2.424
69.550-69.450	2.573	69.550-69.450	1.939
69.450-69.350	2.514	69.450-69.350	0.535
69.350-69.250	0.838	69.350-69.250	0.000
69.250-69.150	0.015	69.250-69.150	0.000



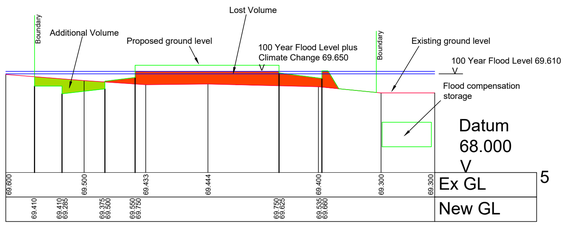
3

Proposed Levels	Areas m²	EXISTING LEVELS	Areas m²
69.650-69.550	2.568	669.650-69.550	2.522
69.550-69.450	1.215	69.550-69.450	1.608
69.450-69.350	0.854	69.450-69.350	0.318
69.350-69.250	0.139	69.350-69.250	0.000
69.250-69.150	0.000	69.250-69.150	0.000



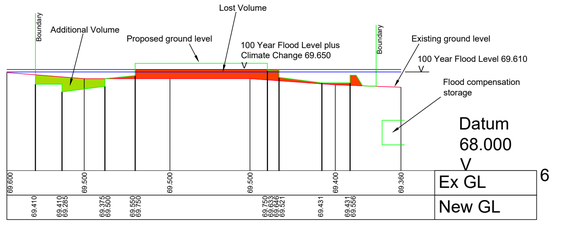
4

Proposed Levels	Areas m²	EXISTING LEVELS	Areas m²
69.650-69.550	1.591	69.650-69.550	2.774
69.550-69.450	1.129	69.550-69.450	0.536
69.450-69.350	0.613	69.450-69.350	0.280
69.350-69.250	0.082	69.350-69.250	0.000
69.250-69.150	0.000	69.250-69.150	0.000



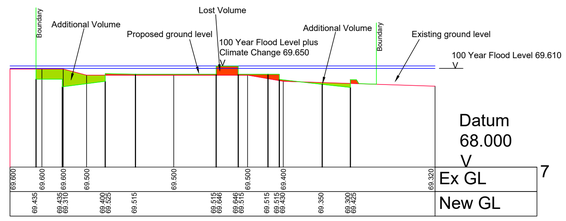
5

Proposed Levels	Areas m²	EXISTING LEVELS	Areas m²
69.650-69.550	1.438	69.650-69.550	2.784
69.550-69.450	0.999	69.550-69.450	2.371
69.450-69.350	0.744	69.450-69.350	0.731
69.350-69.250	0.141	69.350-69.250	0.048
69.250-69.150	0.000	69.250-69.150	0.000



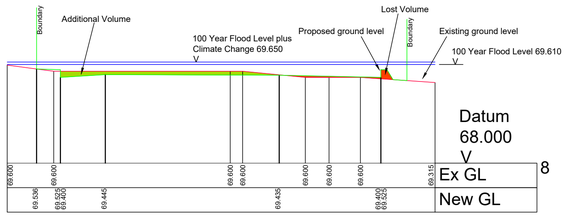
6

Proposed Levels	Areas m²	EXISTING LEVELS	Areas m²
69.650-69.550	1.614	69.650-69.550	2.775
69.550-69.450	1.257	69.550-69.450	1.697
69.450-69.350	0.564	69.450-69.350	0.295
69.350-69.250	0.079	69.350-69.250	0.000
69.250-69.150	0.000	69.250-69.150	0.000



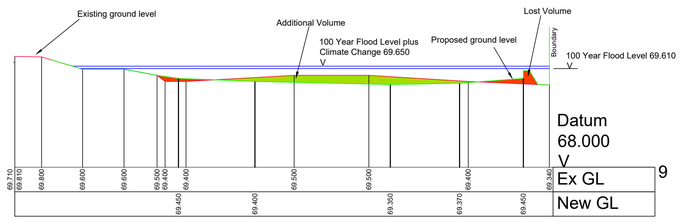
7

Proposed Levels	Areas m²	EXISTING LEVELS	Areas m²
69.650-69.550	2.605	69.650-69.550	2.643
69.550-69.450	1.746	69.550-69.450	1.696
69.450-69.350	0.930	69.450-69.350	0.603
69.350-69.250	0.031	69.350-69.250	0.000
69.250-69.150	0.000	69.250-69.150	0.000



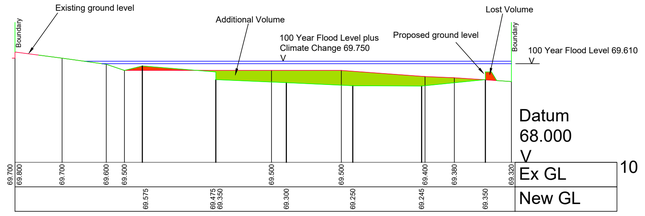
8

Proposed Levels	Areas m²	EXISTING LEVELS	Areas m²
69.650-69.550	3.022	69.650-69.550	3.022
69.550-69.450	2.819	69.550-69.450	2.090
69.450-69.350	0.632	69.450-69.350	0.578
69.350-69.250	0.000	69.350-69.250	0.000
69.250-69.150	0.000	69.250-69.150	0.000



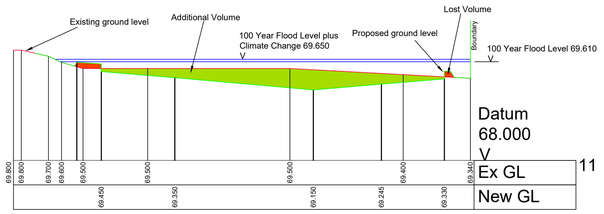
9

Proposed Levels	Areas m²	EXISTING LEVELS	Areas m²
69.650-69.550	3.615	69.650-69.550	3.628
69.550-69.450	3.110	69.550-69.450	2.711
69.450-69.350	1.812	69.450-69.350	0.826
69.350-69.250	0.000	69.350-69.250	0.000
69.250-69.150	0.000	69.250-69.150	0.000



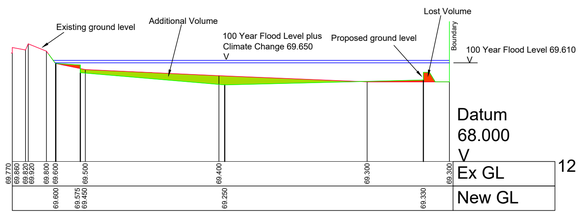
10

Proposed Levels	Areas m²	EXISTING LEVELS	Areas m²
69.650-69.550	3.339	69.650-69.550	3.333
69.550-69.450	2.616	69.550-69.450	2.206
69.450-69.350	2.340	69.450-69.350	0.660
69.350-69.250	1.414	69.350-69.250	0.038
69.250-69.150	0.000	69.250-69.150	0.000



11

Proposed Levels	Areas m²	EXISTING LEVELS	Areas m²
69.650-69.550	3.241	69.650-69.550	3.328
69.550-69.450	3.010	69.550-69.450	2.223
69.450-69.350	2.645	69.450-69.350	0.549
69.350-69.250	1.730	69.350-69.250	0.004
69.250-69.150	0.575	69.250-69.150	0.000



12

Proposed Levels	Areas m²	EXISTING LEVELS	Areas m²
69.650-69.550	3.145	69.650-69.550	3.189
69.550-69.450	3.010	69.550-69.450	2.865
69.450-69.350	2.651	69.450-69.350	1.866
69.350-69.250	1.329	69.350-69.250	0.486
69.250-69.150	0.000	69.250-69.150	0.000

CDM REGULATION: NO DRAWING OR OTHER DESIGN INFORMATION SHOULD BE READ WITHOUT REFERENCE TO THE HEALTH AND SAFETY PLAN.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALIST SUB-CONTRACTORS DRAWINGS AND SPECIFICATIONS AND EMPLOYER'S SPECIFICATION. ANY DISCREPANCIES BETWEEN THESE DRAWINGS ARE TO BE REPORTED IMMEDIATELY.

SITE IS TO VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION. THIS DRAWING IS NOT TO BE SCALED IN HARD FORMAT AND/OR ELECTRONIC FORMAT.

Volume Difference between Proposed and Existing by level Sections 1-17

Levels			
Top (m)	Bottom (m)	Height (m)	Volume Difference (m³)
69.650	69.550	0.1	+21.430
65.550	69.450	0.1	-9.593
69.450	69.350	0.1	-39.950
69.350	69.250	0.1	-26.393
69.250	69.150	0.1	-2.057

Positive figures indicate a reduction in flood volume.
Negative indicate an increase in flood volume.

Volume Difference between Proposed and Existing by level Sections 1a-5a

Levels			
Top (m)	Bottom (m)	Height (m)	Volume Difference (m³)
69.650	69.550	0.1	-3.858
65.550	69.450	0.1	-7.787
69.450	69.350	0.1	-12.360
69.350	69.250	0.1	-0.710
69.250	69.150	0.1	-0.313

Positive figures indicate a reduction in flood volume.
Negative indicate an increase in flood volume.

Total loss/increase of flood plain volume.

Levels			
Top (m)	Bottom (m)	Height (m)	Total loss of volume(m³)
69.650	69.550	0.1	17.572
65.550	69.450	0.1	-17.380
69.450	69.350	0.1	-52.310
69.350	69.250	0.1	-27.103
69.250	69.150	0.1	-2.370

Positive figures indicate a reduction in flood volume.
Negative indicate an increase in flood volume.

Rev	Date	Description	Drn	Chk'd
P6	23/12/21	FLOOD LOSS/INCREASE TABLE AMENDED	GHB	TS
P5	21/12/21	FLOOD LOSS/INCREASE TABLE AND FLOOD COMPENSATION STORAGE ADDED	GHB	TS
P4	20/12/21	FLOOD LEVELS AMENDED	GHB	TS
P3	12/10/21	HATCHING AND NOTES ADDED	GHB	TS
P2	12/10/21	COLOUR OF SECTION AMMENDED	GHB	TS
P1	07/10/21	PRELIMINARY ISSUE	GHB	TS

Revisions

Drawing Originator

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Drawing Status

PRELIMINARY

Project Name

BICESTER

Drawn by	Drawn Date	Checked by	Scale
GHB	07/10/21	TS	H 1/250 V 1/50

Title

Original drawing sheet is A1

FLOOD VOLUMES SECTIONS 1 OF 3

Drawing Number

220029/FV101

Revision

P6