



- Notes**
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  5. Presented model results are illustrative and subject to change.

**Key**

Peak Flood Depths (m)

Lightest Blue	<= 0.25
Light Blue	0.25 - 0.50
Medium Blue	0.50 - 0.75
Dark Blue	0.75 - 1.00
Very Dark Blue	1.00 - 1.25
Dark Purple	> 1.25

Rev	Date	Details of issue/revision	Drw	Rev
P02	18.12.18	GENERAL UPDATE	RG	JON
P01	28.11.18	PRELIMINARY ISSUE	RG	JON

Issues & Revisions

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Client  
**HB (South Caldecotte) Limited**

Project Title  
**South Caldecotte, Milton Keynes**

Drawing Title  
**Flood Depths - Baseline  
 Conditions: 1 in 100-Year  
 +65%**

Drawn:	R Green	Reviewed:	J O'Neill
BWB Ref:	NTS 2682	Date:	28.11.18
		Scale:	A3 1:5000

Drawing Status  
**PRELIMINARY**

Project - Originator - Zone - Level - Type - Role - Number	Status	Rev
SCD-BWB-ZZ-XX-DR-YE-0013	S2	P02





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Rev	Date	Details of issue/revision	Drw	Rev
002	18.12.18	GENERAL UPDATE	RG	JON
001	28.11.18	PRELIMINARY ISSUE	RG	JON

Issues & Revisions

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Client

**HB (South Caldecotte) Limited**

Project Title

**South Caldecotte, Milton Keynes**

Drawing Title

**Flood Depths - Baseline  
Conditions: 1 in 1000-Year**

Drawn:	R Green	Reviewed:	J O'Neill
BWB Ref:	NTS 2682	Date:	28.11.18
		Scale:	A3 1:5000

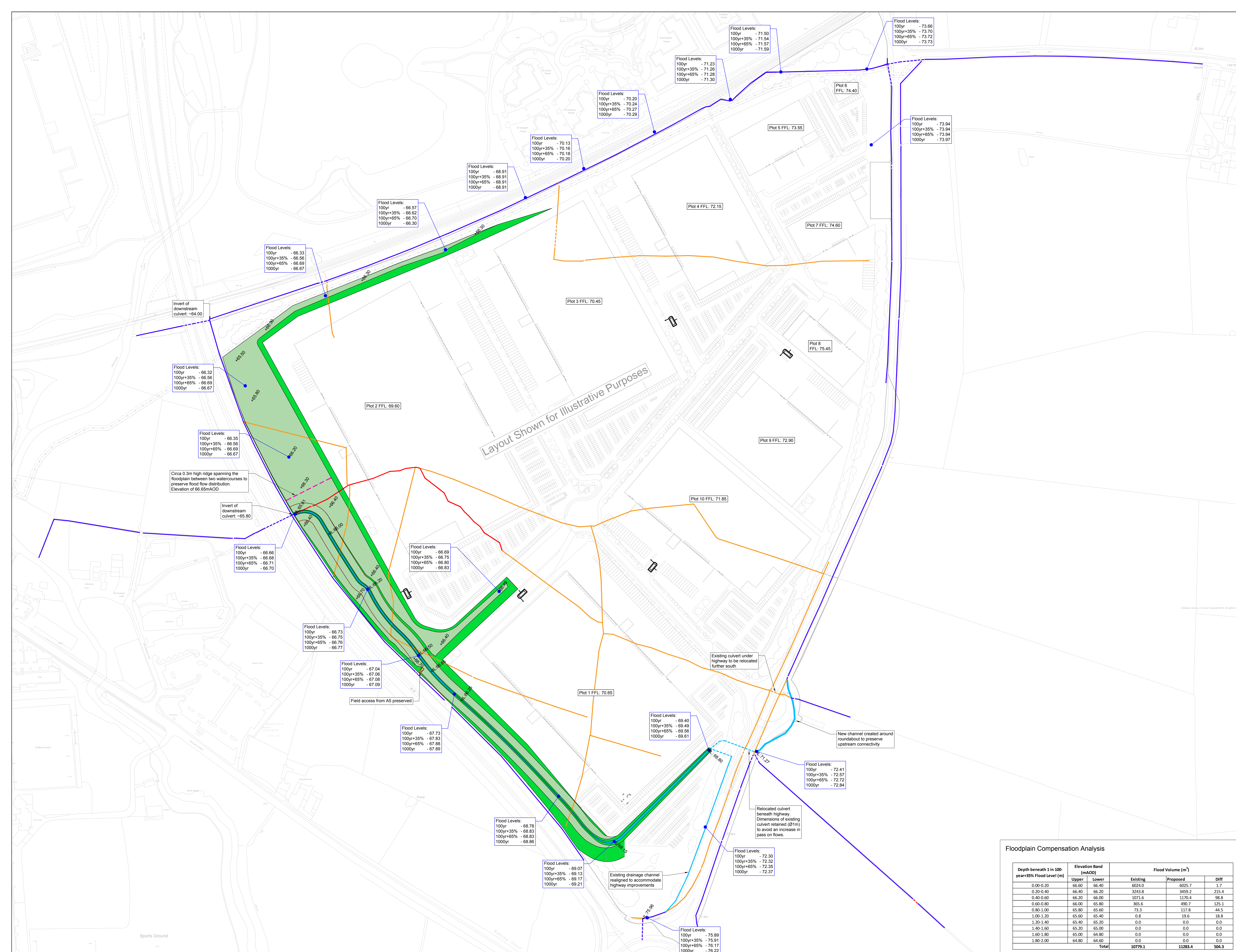
Drawing Status

**PRELIMINARY**

Project - Originator - Zone - Level - Type - Role - Number	Status	Rev
SCD-BWB-ZZ-XX-DR-YE-0014	S2	P02

## **APPENDIX 2: Illustrative Flood Management Strategy**





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**Key Plan**

**Legend**

- Existing Channel
- Existing Culvert
- Channel to be Relocated/Removed
- Culvert to be Relocated/Removed
- IDB Channel to be Relocated/Removed (circa 330m)
- IDB Culvert to be Relocated/Removed
- Proposed New Channel
- Proposed New Culvert
- 9m offset from 330m reach of realigned IDB Watercourse
- Area Re-Profiled to offer Floodplain Compensation

**Issues & Revisions**

Rev	Date	Details of Issue / Revision	RG	CD
P107	03.07.19	Updated to Reflect the Latest Plot Levels	RG	CD
P06	02.07.19	Updated to Reflect the Latest Masterplan	RG	CD
P05	13.12.18	General Update	RG	CD
P04	26.11.18	Preliminary Issue	RG	IR
Rev	Date	Details of Issue / Revision	DR	Rev

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Client: **HB (South Caldecotte) Ltd**

Project Title: **South Caldecotte**

Drawing Title: **Illustrative Floodplain Compensation & Watercourse Realignment Strategy**

**Floodplain Compensation Analysis**

Depth beneath 1 in 100-year-35% Flood Level (m)	Elevation Band (mAOD)		Flood Volume (m <sup>3</sup> )		
	Upper	Lower	Existing	Proposed	Diff
0.00-0.20	66.60	66.40	6024.0	6025.7	1.7
0.20-0.40	66.40	66.20	3243.8	3492.2	215.4
0.40-0.60	66.20	66.00	1071.6	1170.4	98.8
0.60-0.80	66.00	65.80	365.6	490.7	125.1
0.80-1.00	65.80	65.60	73.3	117.8	44.5
1.00-1.20	65.60	65.40	0.8	19.6	18.8
1.20-1.40	65.40	65.20	0.0	0.0	0.0
1.40-1.60	65.20	65.00	0.0	0.0	0.0
1.60-1.80	65.00	64.80	0.0	0.0	0.0
1.80-2.00	64.80	64.60	0.0	0.0	0.0
<b>Total</b>			<b>10779.1</b>	<b>11283.4</b>	<b>504.3</b>

Drawn: R. Green  
Reviewed: J. Rassool

NTS 2682  
Date: 26.11.18  
Scale: A3  
NTS

**PRELIMINARY**

Project - Originator - Zone - Level - Type - Role - Number  
SCD-BWZ-ZX-DR-YE-0011

Status: S2  
Rev: P07