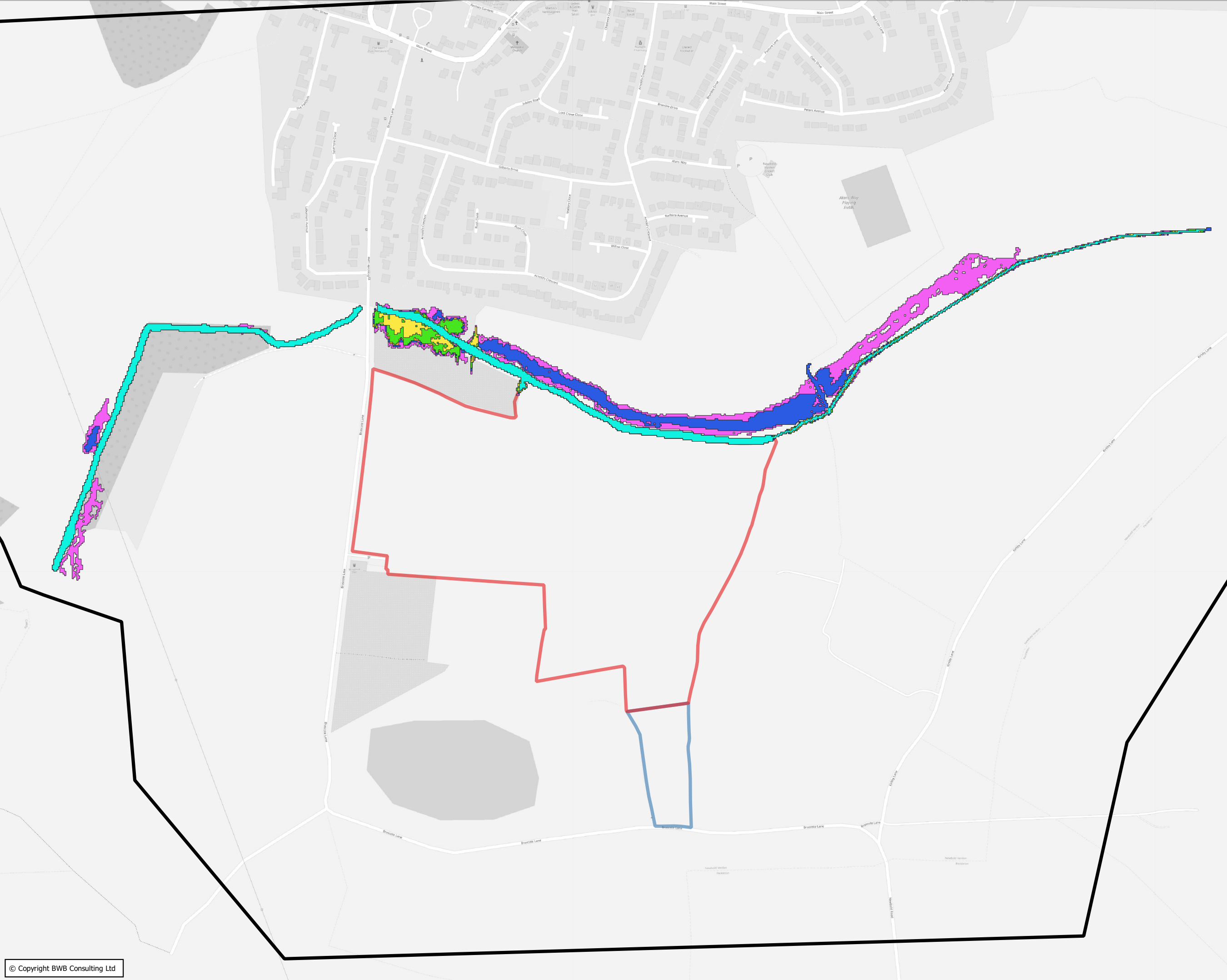




- Notes**
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- Key**
- Redline Application Site Boundary
 - Blueline Site Ownership Boundary
 - Model Domain
 - 1 in 20-Year (5% AEP)
 - 1 in 100-Year (1% AEP)
 - 1 in 100-Year (1% AEP) +28%CC
 - 1 in 100-Year (1% AEP) +37%CC
 - 1 in 100-Year (1% AEP) +60%CC
 - 1 in 1000-Year (0.1% AEP)

P02	24.02.2022	FINALISED SITELAYOUT	MB	RG	
P01	08.09.2021	PRELIMINARY ISSUE	MB	RG	
Rev	Date	Details of issues/ revision	Drw	Rev	

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Client

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Project Title

Brascote Lane, Newbold Verdon

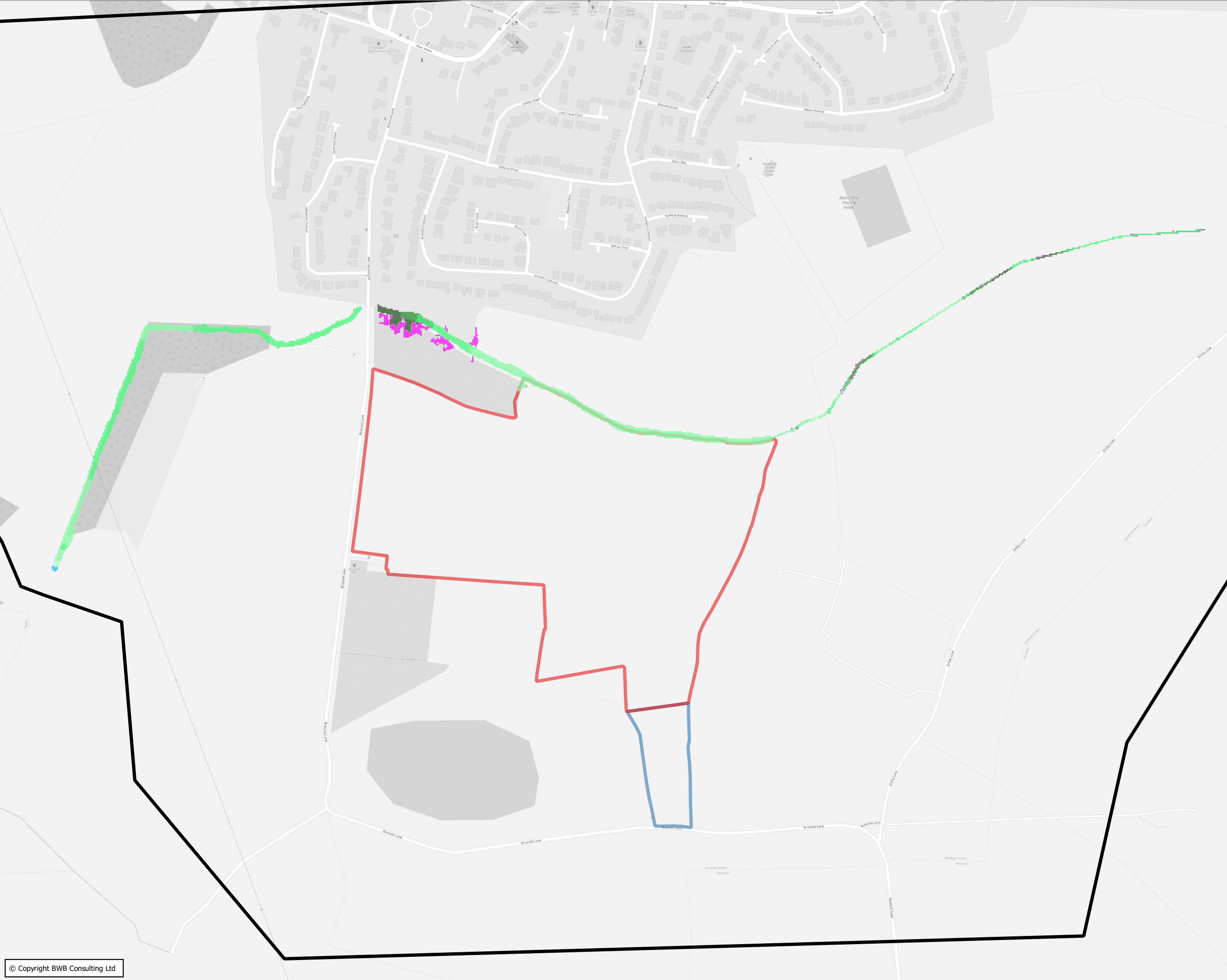
Drawing Title

Thurlaston Brook Floodplain Extents

Drawn:	M. Brambani	Reviewed:	R. Green
BWB Ref:	BMV 3175	Date:	24/02/22
		Scale@A3:	1:4,500

Drawing Status						
FINAL						
Project - Originator - Zone - Level - Type - Role - Number					Status	Rev
BLN-BWB-ZZ-XX-SK-YE-0008					S2	P02

Appendix 5 – Sensitivity Maps



- Notes**
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Key

Redline Application Site Boundary

Blueline Site Ownership Boundary

Model Domain

Change in Flood Level (m)

<= -0.125

-0.125 - -0.100

-0.100 - -0.075

-0.075 - -0.050

-0.050 - -0.025

-0.025 - -0.01

-0.01 - 0.01 (No Change)

0.01 - 0.025

0.025 - 0.050

0.050 - 0.075

0.075 - 0.100

0.100 - 0.125

> 0.125

Change in Floodplain Extent

Former Wet Areas Now Dry

Former Dry Areas Now Wet

P02	24.02.2022	FINALISED SITE LAYOUT	MB	RG	
P01	08.09.2021	PRELIMINARY ISSUE	MB	RG	
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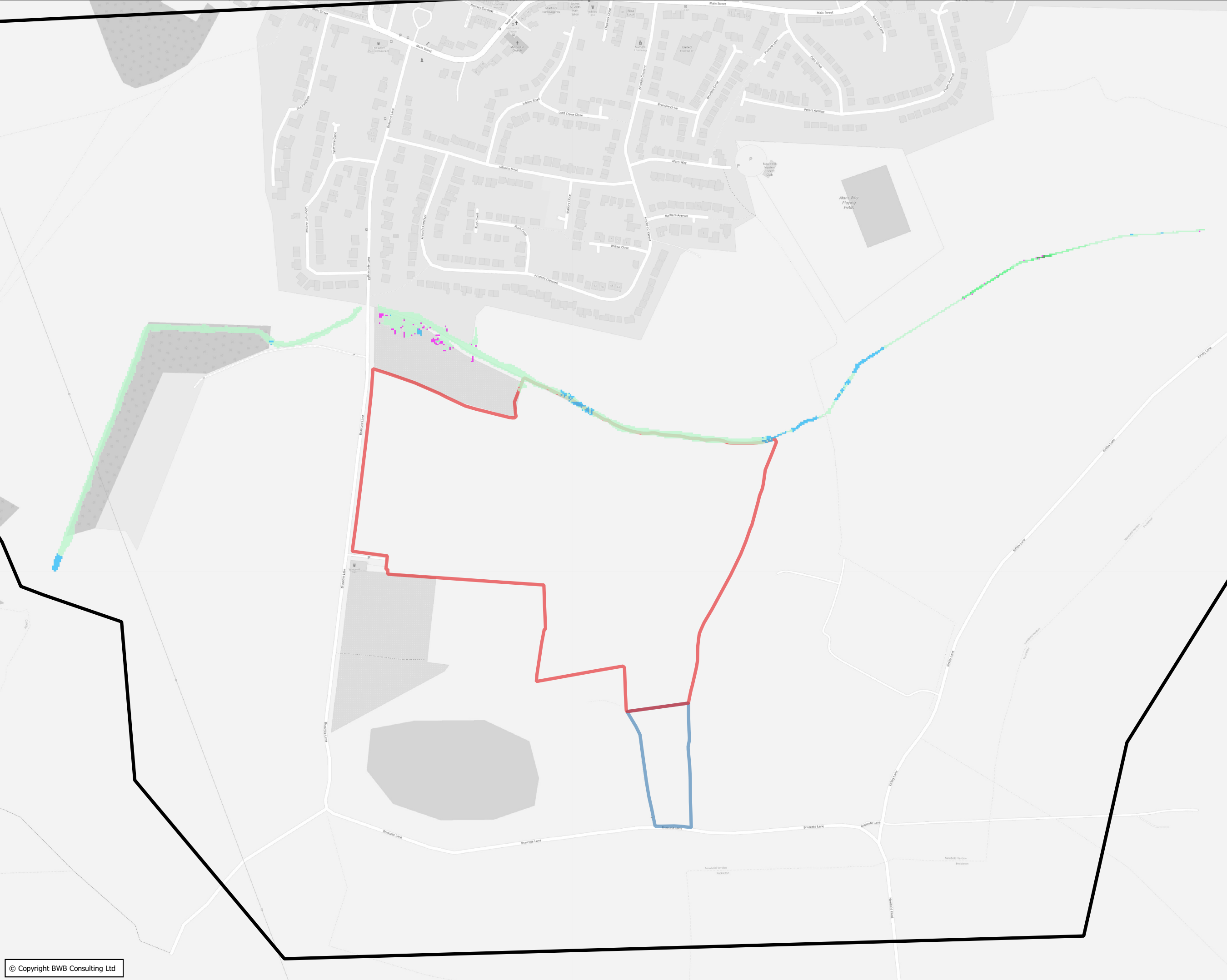
Project Title
Brascote Lane, Newbold Verdon

Drawing Title
**Sensitivity Tests:
1 in 100-Year (1% AEP) 5.5hr
Storm Compared to 3hr
Storm**

Drawn:	M. Brambani	Reviewed:	R. Green
BWB Ref:	BMV 3175	Date:	24/02/22
		Scale@A3:	1:4,500

Drawing Status
FINAL

Project - Originator - Zone - Level - Type - Role - Number	Status	Rev
BLN-BWB-ZZ-XX-SK-YE-0009	S2	P02



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Key

Redline Application Site Boundary

Blueline Site Ownership Boundary

Model Domain

Change in Flood Level (m)

<= -0.125

-0.125 - -0.100

-0.100 - -0.075

-0.075 - -0.050

-0.050 - -0.025

-0.025 - -0.01

-0.01 - 0.01 (No Change)

0.01 - 0.025

0.025 - 0.050

0.050 - 0.075

0.075 - 0.100

0.100 - 0.125

> 0.125

Change in Floodplain Extent

Former Wet Areas Now Dry

Former Dry Areas Now Wet

P02	24.02.2022	FINALISED SITE LAYOUT	MB	RG	
P01	08.09.2021	PRELIMINARY ISSUE	MB	RG	
Rev	Date	Details of issues/ revision	Drw	Rev	

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Project Title

Brascote Lane, Newbold Verdon

Drawing Title

**Sensitivity Tests:
1 in 100-Year (1% AEP) 5.5hr
Storm Compared to 11hr
Storm**

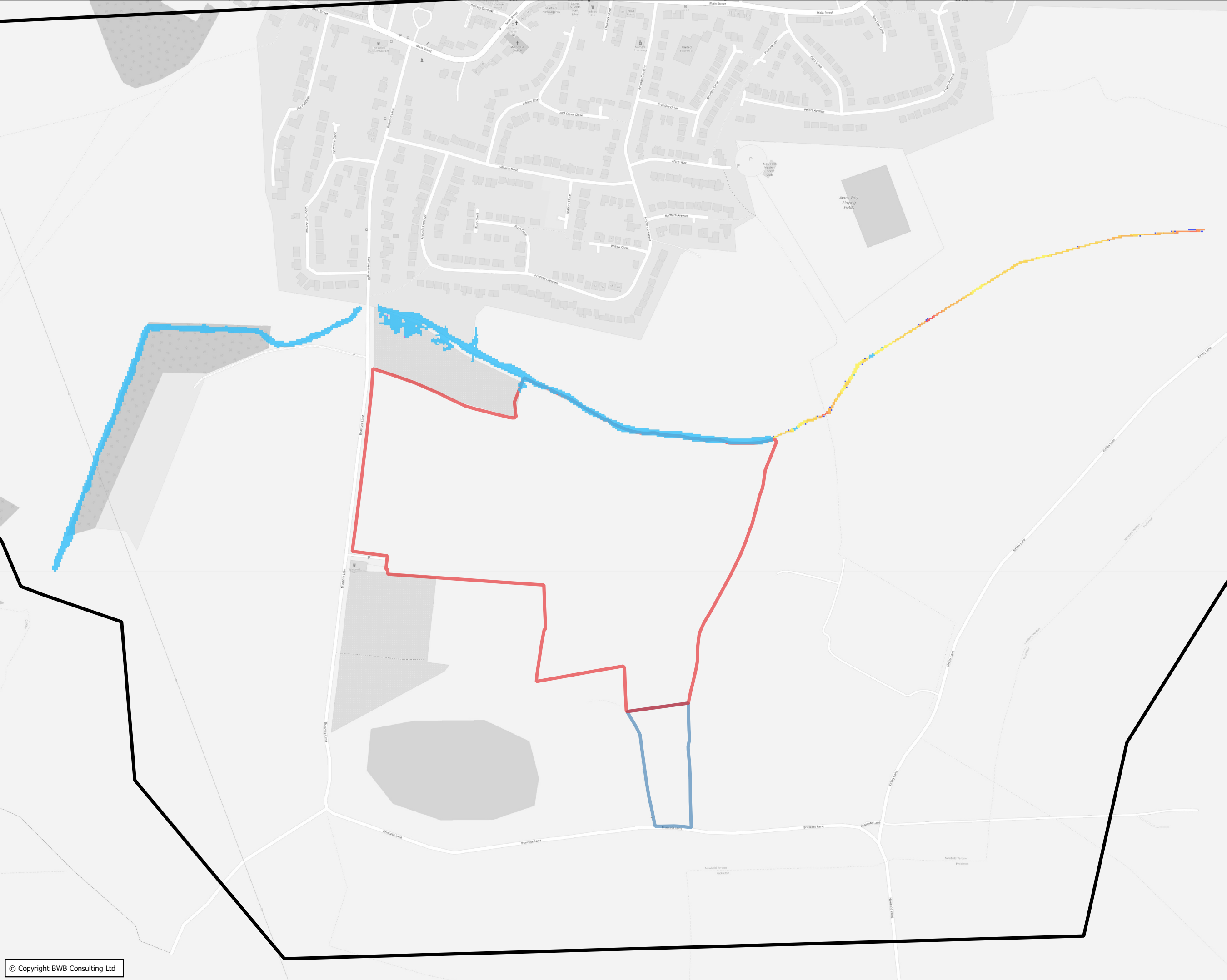
Drawn:	M. Brambani	Reviewed:	R. Green
BWB Ref:	BMV 3175	Date:	24/02/22
		Scale@A3:	1:4,500

Drawing Status

FINAL

Project - Originator - Zone - Level - Type - Role - Number	Status	Rev
BLN-BWB-ZZ-XX-SK-YE-0010	S2	P02

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Key

Redline Application Site Boundary
Blueline Site Ownership Boundary
Model Domain

Change in Flood Level (m)

- <= -0.125
- 0.125 - -0.100
- 0.100 - -0.075
- 0.075 - -0.050
- 0.050 - -0.025
- 0.025 - -0.01
- 0.01 - 0.01 (No Change)
- 0.01 - 0.025
- 0.025 - 0.050
- 0.050 - 0.075
- 0.075 - 0.100
- 0.100 - 0.125
- > 0.125

Change in Floodplain Extent

- Former Wet Areas Now Dry
- Former Dry Areas Now Wet

P02	24.02.2022	FINALISED SITE LAYOUT	MB	RG	
P01	08.09.2021	PRELIMINARY ISSUE	MB	RG	
Rev	Date	Details of issues/ revision	Drw	Rev	

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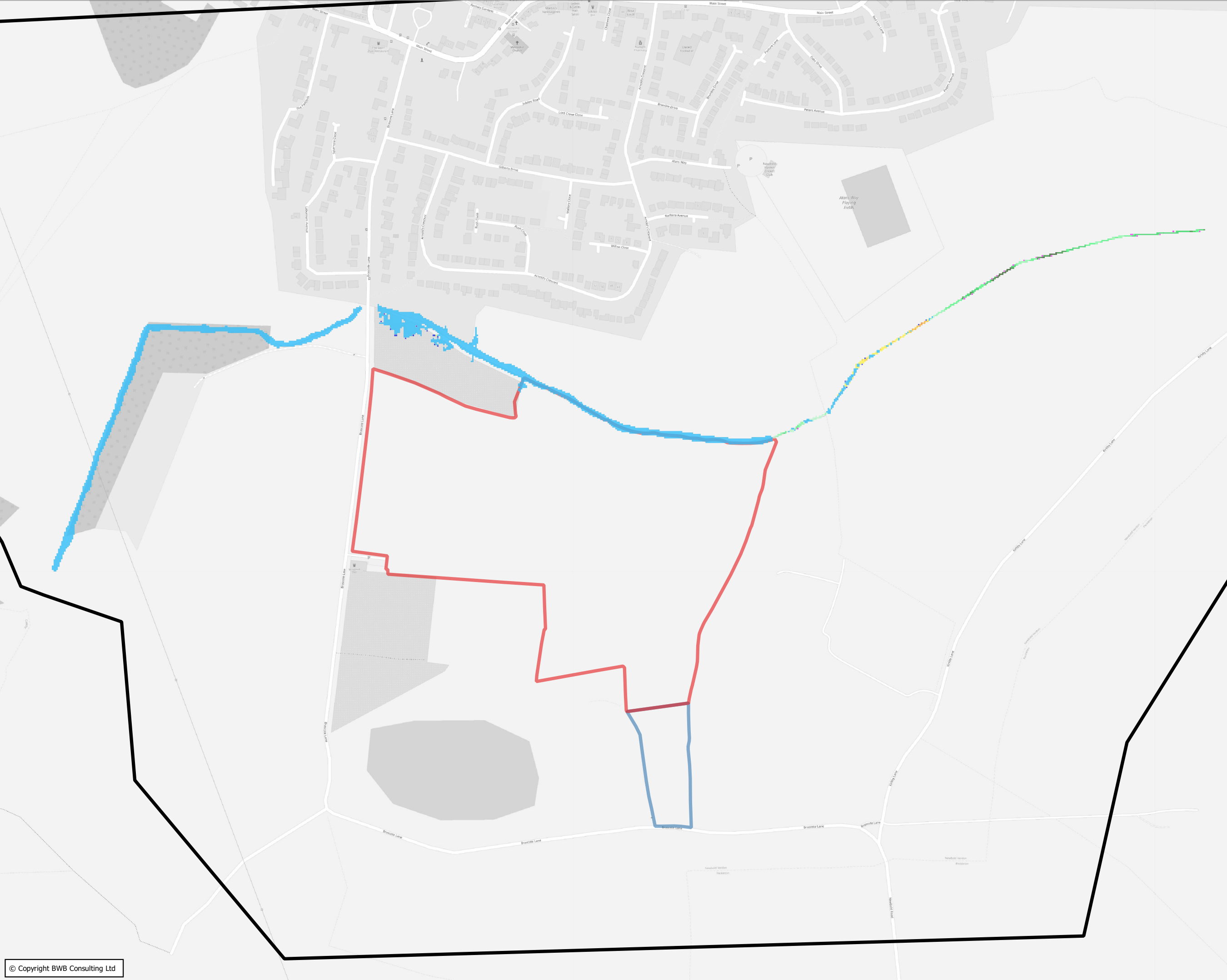
Project Title
Brascote Lane, Newbold Verdon

Drawing Title
**Sensitivity Tests:
1 in 100-Year (1% AEP)
Increased Roughness (+20%)**

Drawn:	M. Brambani	Reviewed:	R. Green
BWB Ref:	BMV 3175	Date:	24/02/22
		Scale@A3:	1:4,500

Drawing Status
FINAL

Project - Originator - Zone - Level - Type - Role - Number	Status	Rev
BLN-BWB-ZZ-XX-SK-YE-0011	S2	P02



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Key

Redline Application Site Boundary
BlueLine Site Ownership Boundary
Model Domain

Change in Flood Level (m)

- <= -0.125
- 0.125 - -0.100
- 0.100 - -0.075
- 0.075 - -0.050
- 0.050 - -0.025
- 0.025 - -0.01
- 0.01 - 0.01 (No Change)
- 0.01 - 0.025
- 0.025 - 0.050
- 0.050 - 0.075
- 0.075 - 0.100
- 0.100 - 0.125
- > 0.125

Change in Floodplain Extent

- Former Wet Areas Now Dry
- Former Dry Areas Now Wet

P02	24.02.2022	FINALISED SITE LAYOUT	MB	RG	
P01	08.09.2021	PRELIMINARY ISSUE	MB	RG	
Rev	Date	Details of issues/ revision	Drw	Rev	

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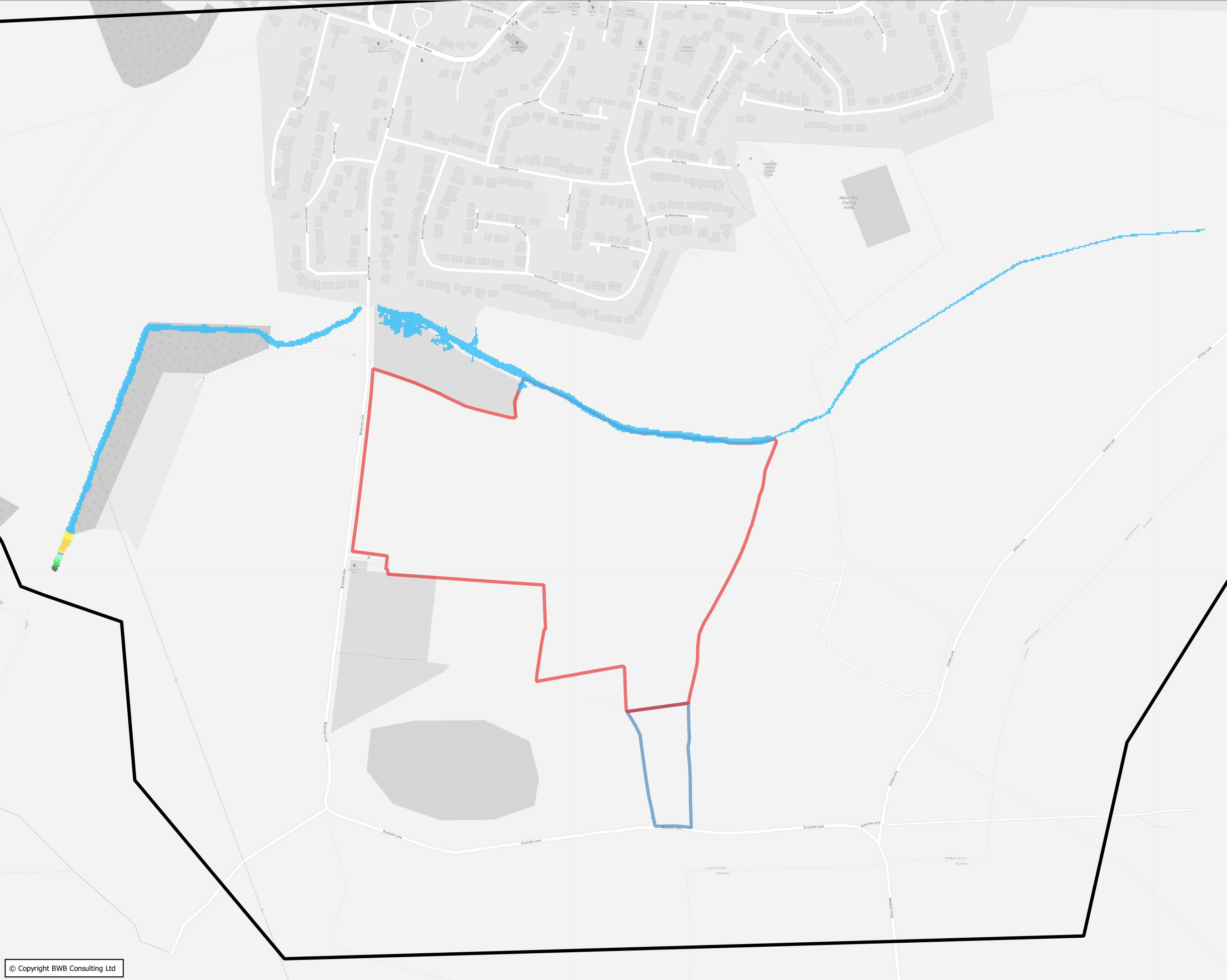
Project Title
Brascote Lane, Newbold Verdon

Drawing Title
**Sensitivity Tests:
1 in 100-Year (1% AEP)
Decreased Roughness
(-20%)**

Drawn:	M. Brambani	Reviewed:	R. Green
BWB Ref:	BMV 3175	Date:	24/02/22
		Scale@A3:	1:4,500

Drawing Status
FINAL

Project - Originator - Zone - Level - Type - Role - Number	Status	Rev
BLN-BWB-ZZ-XX-SK-YE-0012	S2	P02



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Key

Redline Application Site Boundary
BlueLine Site Ownership Boundary
Model Domain

Change in Flood Level (m)

- <= -0.125
- 0.125 - -0.100
- 0.100 - -0.075
- 0.075 - -0.050
- 0.050 - -0.025
- 0.025 - -0.01
- 0.01 - 0.01 (No Change)
- 0.01 - 0.025
- 0.025 - 0.050
- 0.050 - 0.075
- 0.075 - 0.100
- 0.100 - 0.125
- > 0.125

Change in Floodplain Extent

- Former Wet Areas Now Dry
- Former Dry Areas Now Wet

P02	24.02.2022	FINALISED SITE LAYOUT	MB	RG	
P01	08.09.2021	PRELIMINARY ISSUE	MB	RG	
Rev	Date	Details of issues/ revision	Drw	Rev	

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Project Title
Brascote Lane, Newbold Verdon

Drawing Title
**Sensitivity Tests:
1 in 100-Year (1% AEP)
Downstream Boundary
Gradient (+20%)**

Drawn:	M. Brambani	Reviewed:	R. Green		
BWB Ref:	BMV 3175	Date:	24/02/22	Scale@A3:	1:4,500

Drawing Status
FINAL

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