Lower Thames Crossing

6.3 Environmental Statement Appendices

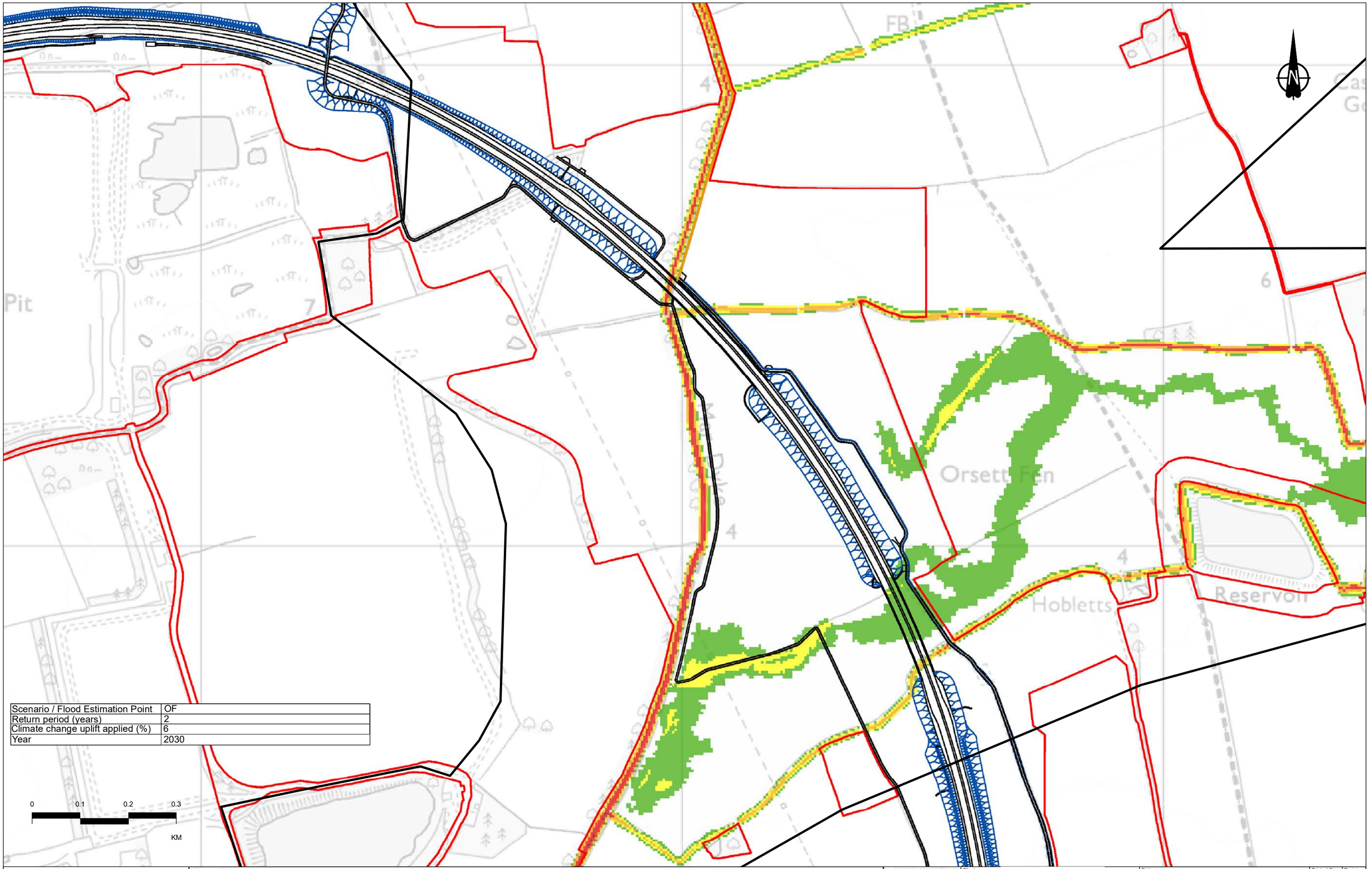
Appendix 14.6 - Flood Risk Assessment - Part 9 Annex D

APFP Regulation 5(2)(a)
Infrastructure Planning
(Applications: Prescribed Forms and Procedure)
Regulations 2009
Volume 6

DATE: October 2022

Planning Inspectorate Scheme Ref: TR010032
Application Document Ref: TR010032/APP/6.3

VERSION: 1.0



Scenario / Flood Estimation Point	OF
Return period (years)	2
Climate change uplift applied (%)	6
Year	2030

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Pre-development Sheet 1 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00300

Scenario / Flood Estimation Point	OF
Return period (years)	2
Climate change uplift applied (%)	11
Year	2030

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Pre-development Sheet 2 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00301

Scenario / Flood Estimation Point	OF
Return period (years)	2
Climate change uplift applied (%)	17
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Pre-development Sheet 3 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00302

Scenario / Flood Estimation Point	OF
Return period (years)	2
Climate change uplift applied (%)	26
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

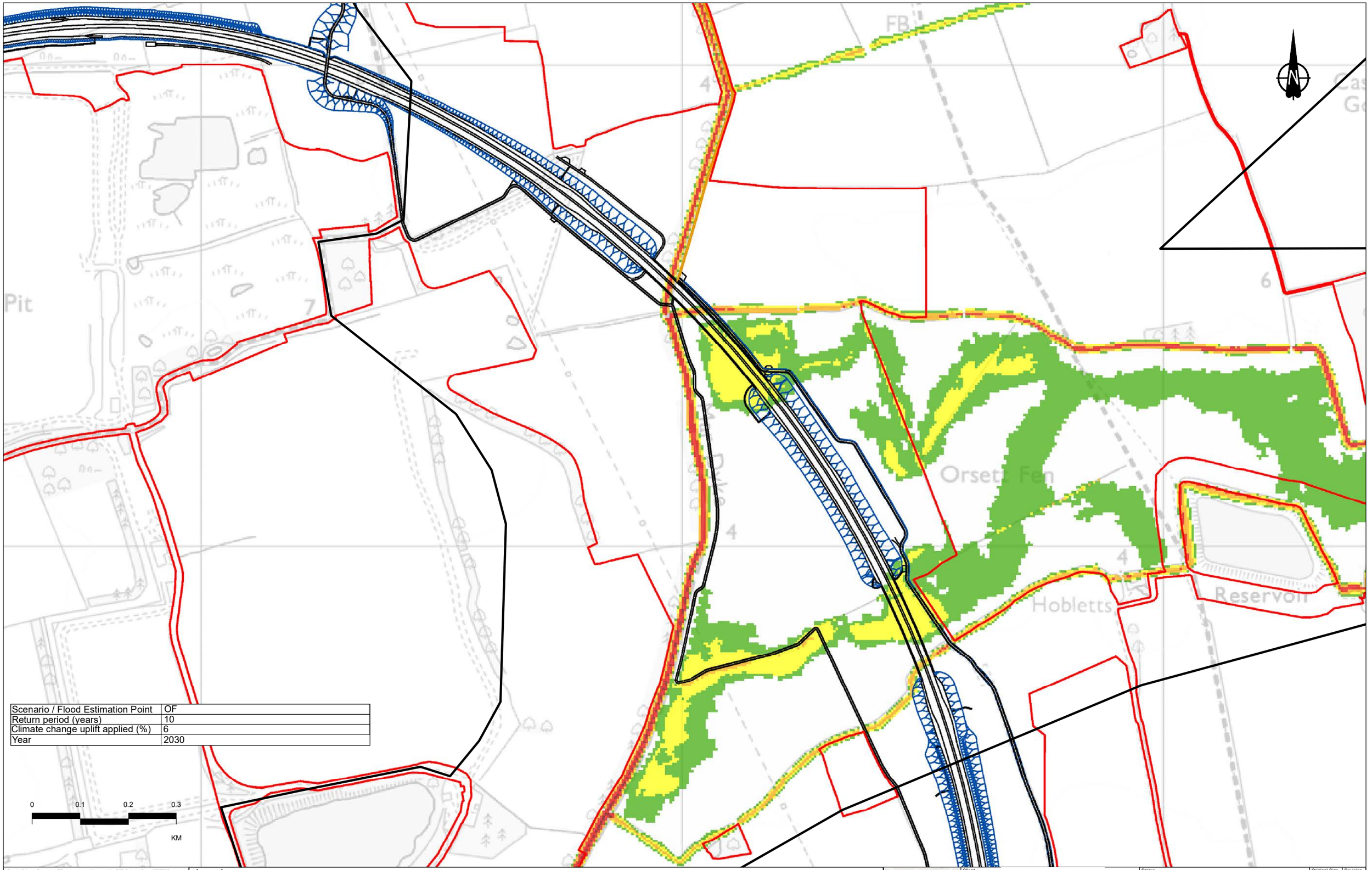
Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Pre-development Sheet 4 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00303



Scenario / Flood Estimation Point	OF
Return period (years)	10
Climate change uplift applied (%)	6
Year	2030

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
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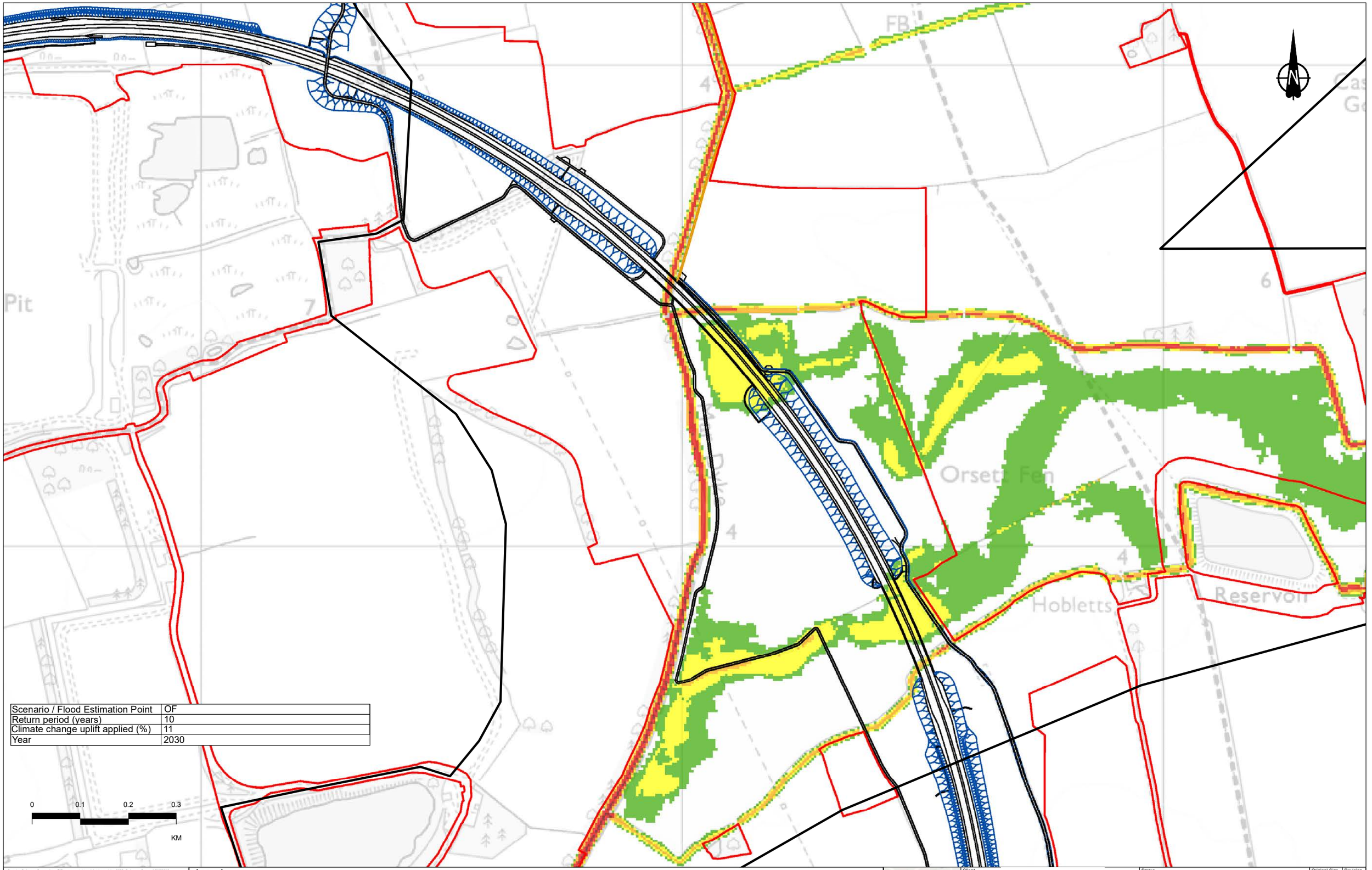
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00304



Scenario / Flood Estimation Point	OF
Return period (years)	10
Climate change uplift applied (%)	11
Year	2030

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
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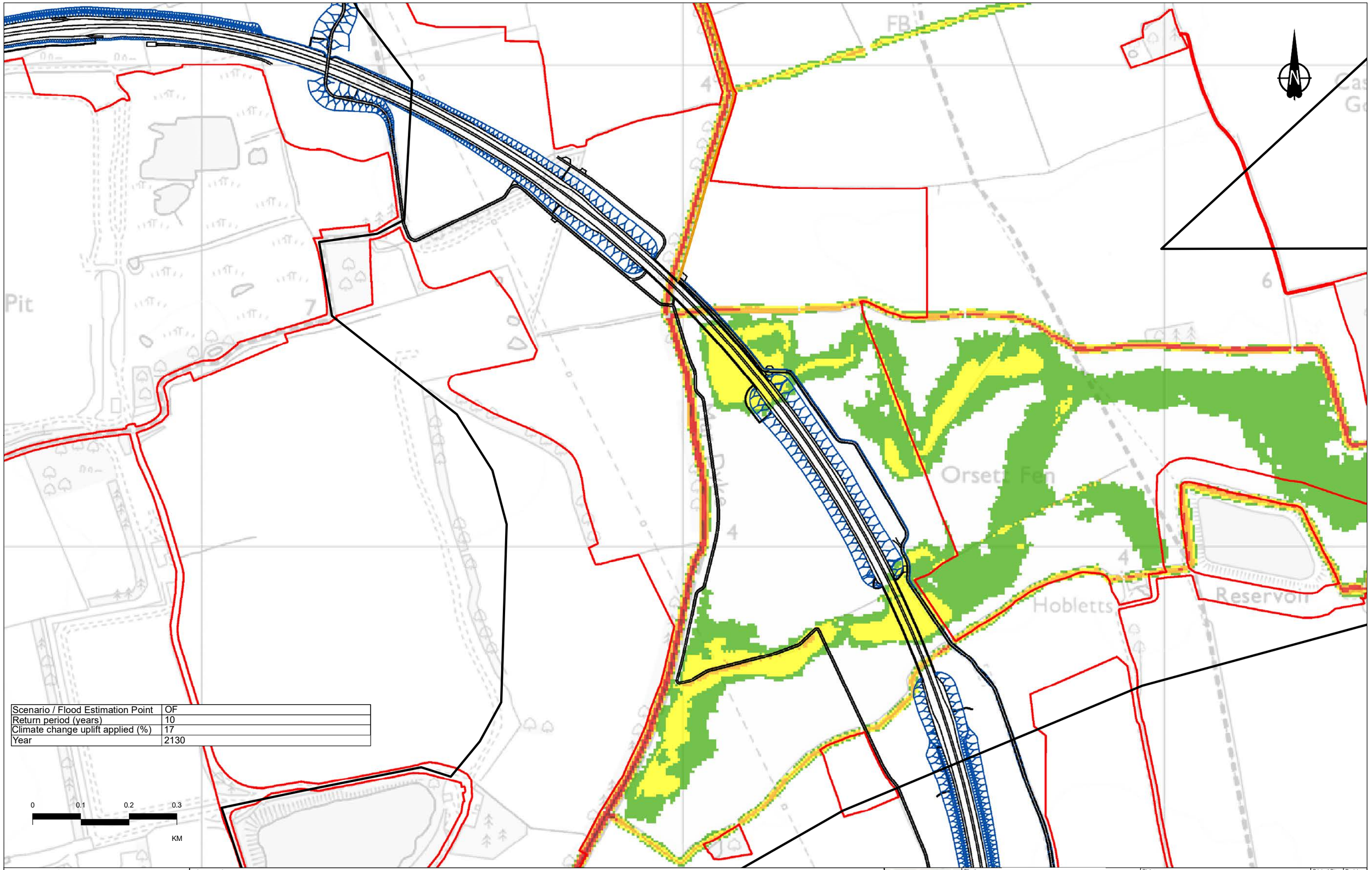
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00305



Scenario / Flood Estimation Point	OF
Return period (years)	10
Climate change uplift applied (%)	17
Year	2130

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Pre-development Sheet 7 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00306

Scenario / Flood Estimation Point	OF
Return period (years)	10
Climate change uplift applied (%)	26
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

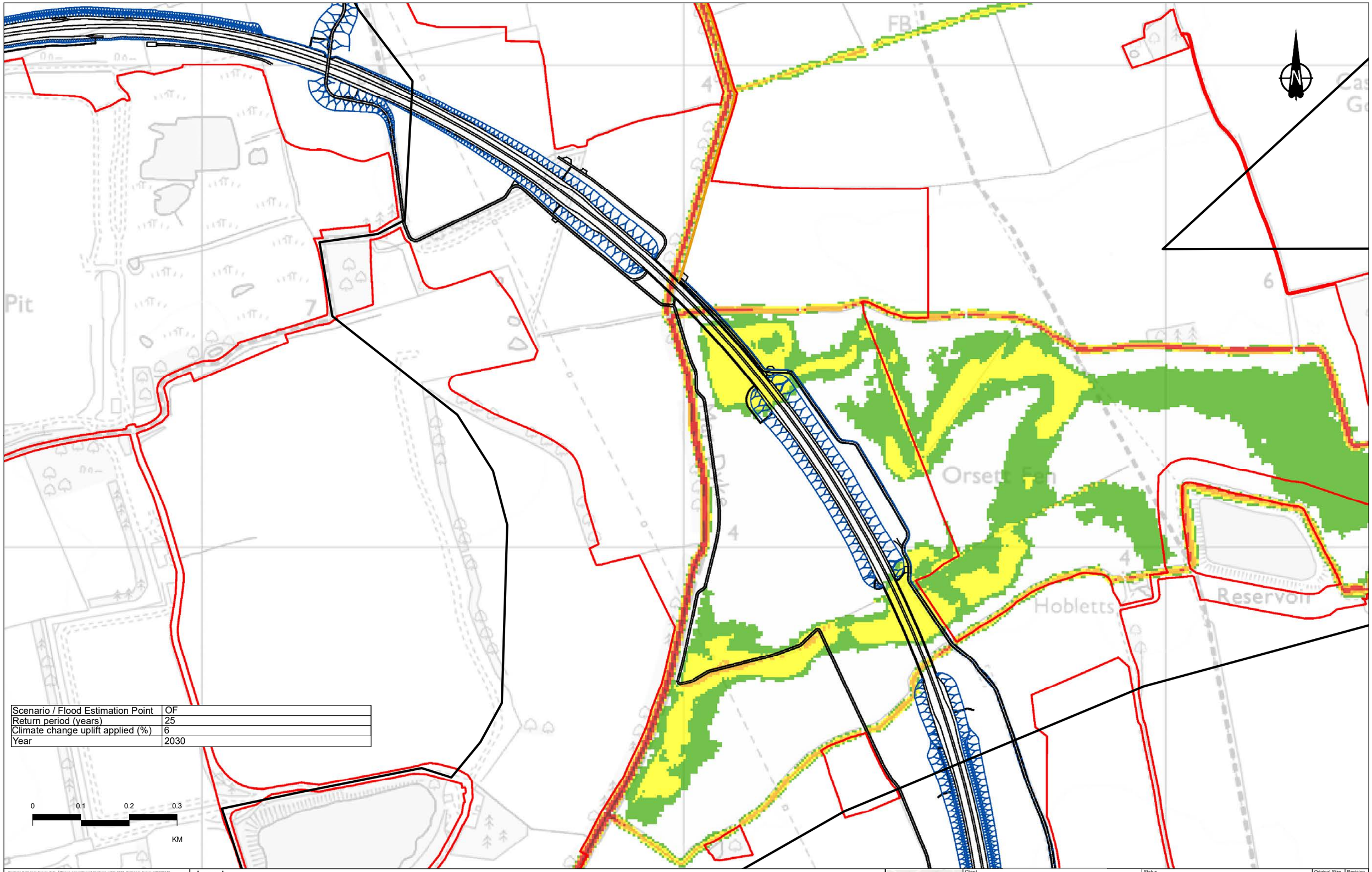
Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Pre-development Sheet 8 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00307



Scenario / Flood Estimation Point	OF
Return period (years)	25
Climate change uplift applied (%)	6
Year	2030

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood depth (m)

- 0 - 0.25
- 0.25 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- > 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

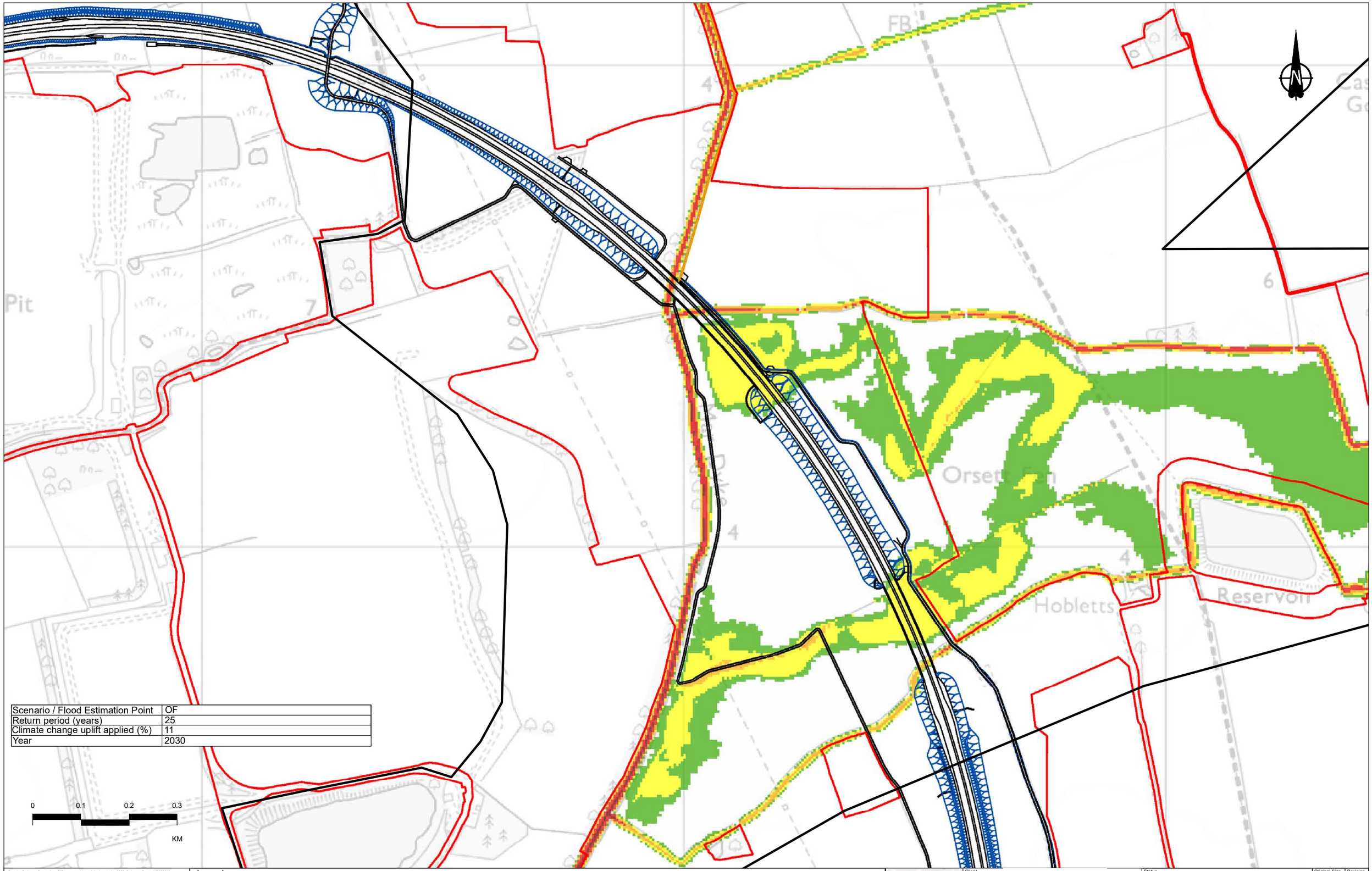
Status	Original Size	Revision
DCO Application	A3	P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: Mardyke Modelling Results Maximum flood depth Pre-development Sheet 9 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00308



Scenario / Flood Estimation Point	OF
Return period (years)	25
Climate change uplift applied (%)	11
Year	2030

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Pre-development Sheet 10 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00309

Scenario / Flood Estimation Point	OF
Return period (years)	25
Climate change uplift applied (%)	17
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

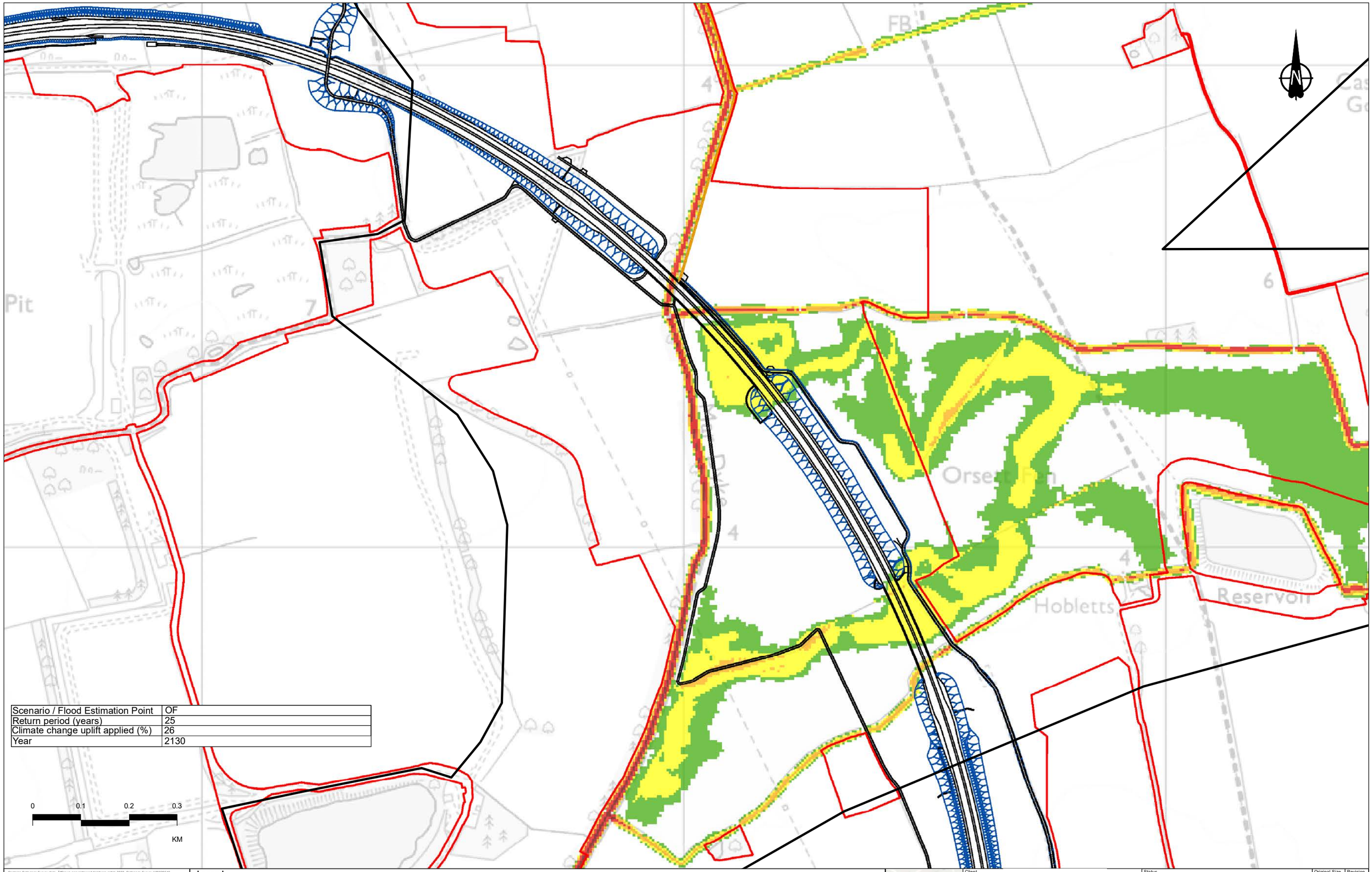
Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Pre-development Sheet 11 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00310



Scenario / Flood Estimation Point	OF
Return period (years)	25
Climate change uplift applied (%)	26
Year	2130

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood depth (m)

- 0 - 0.25
- 0.25 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- > 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status	Original Size	Revision
DCO Application	A3	P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: Mardyke Modelling Results Maximum flood depth Pre-development Sheet 12 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00311

Scenario / Flood Estimation Point	OF
Return period (years)	100
Climate change uplift applied (%)	6
Year	2030

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Pre-development
Sheet 13 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00312

Scenario / Flood Estimation Point	OF
Return period (years)	100
Climate change uplift applied (%)	11
Year	2030

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Pre-development Sheet 14 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00313

Scenario / Flood Estimation Point	OF
Return period (years)	100
Climate change uplift applied (%)	17
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status	Original Size	Revision
DCO Application	A3	P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: Mardyke Modelling Results Maximum flood depth Pre-development Sheet 15 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00314

Scenario / Flood Estimation Point	OF
Return period (years)	100
Climate change uplift applied (%)	26
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Pre-development Sheet 16 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00315

Scenario / Flood Estimation Point	OF
Return period (years)	1000
Climate change uplift applied (%)	11
Year	2030

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

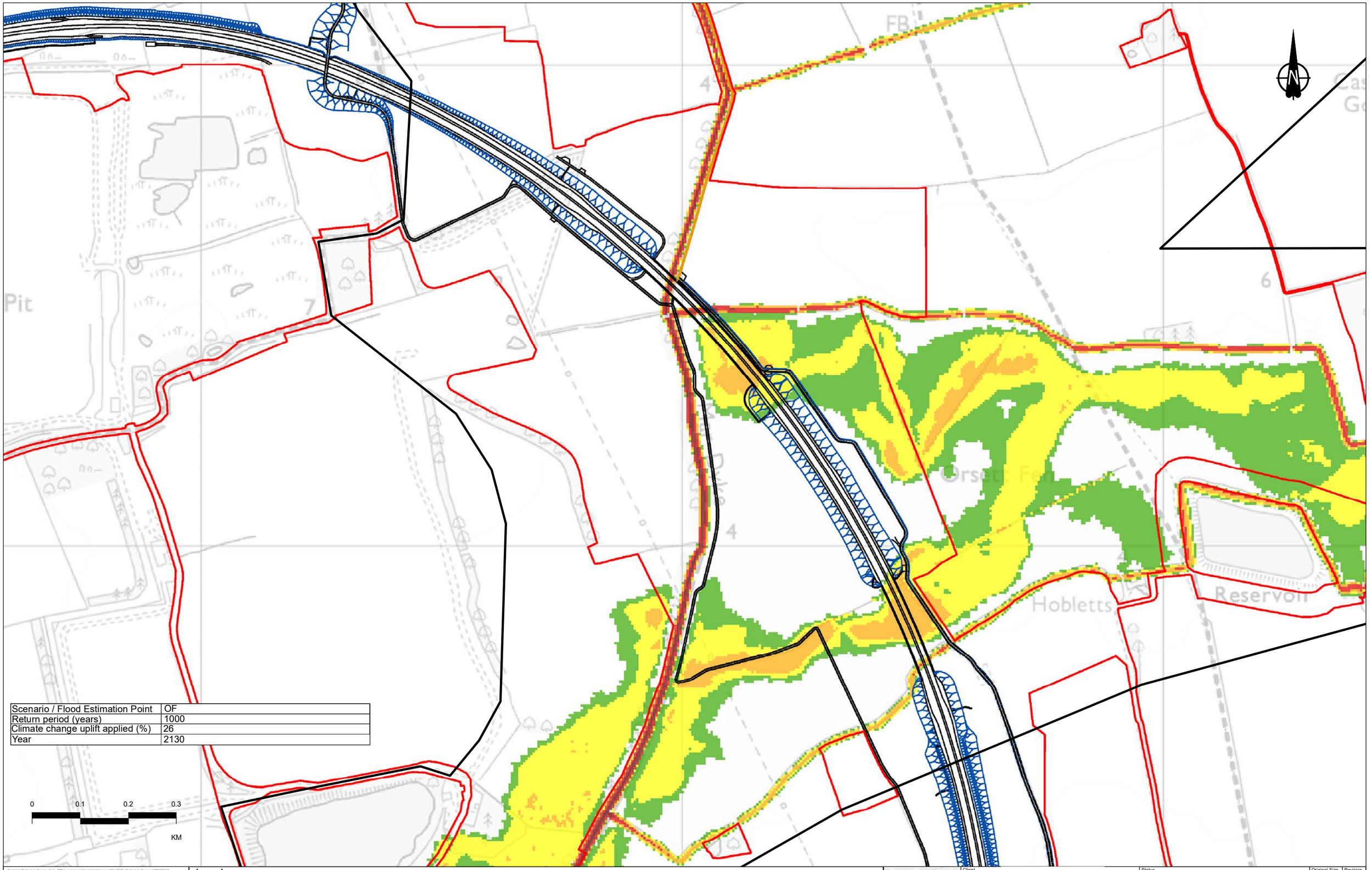
Status	Original Size	Revision
DCO Application	A3	P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: Mardyke Modelling Results Maximum flood depth Pre-development Sheet 17 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00316



Scenario / Flood Estimation Point	OF
Return period (years)	1000
Climate change uplift applied (%)	26
Year	2130

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood depth (m)

- 0 - 0.25
- 0.25 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- > 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status	Original Size	Revision
DCO Application	A3	P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: Mardyke Modelling Results Maximum flood depth Pre-development Sheet 18 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00317

Scenario / Flood Estimation Point	OF
Return period (years)	1000
Climate change uplift applied (%)	48
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
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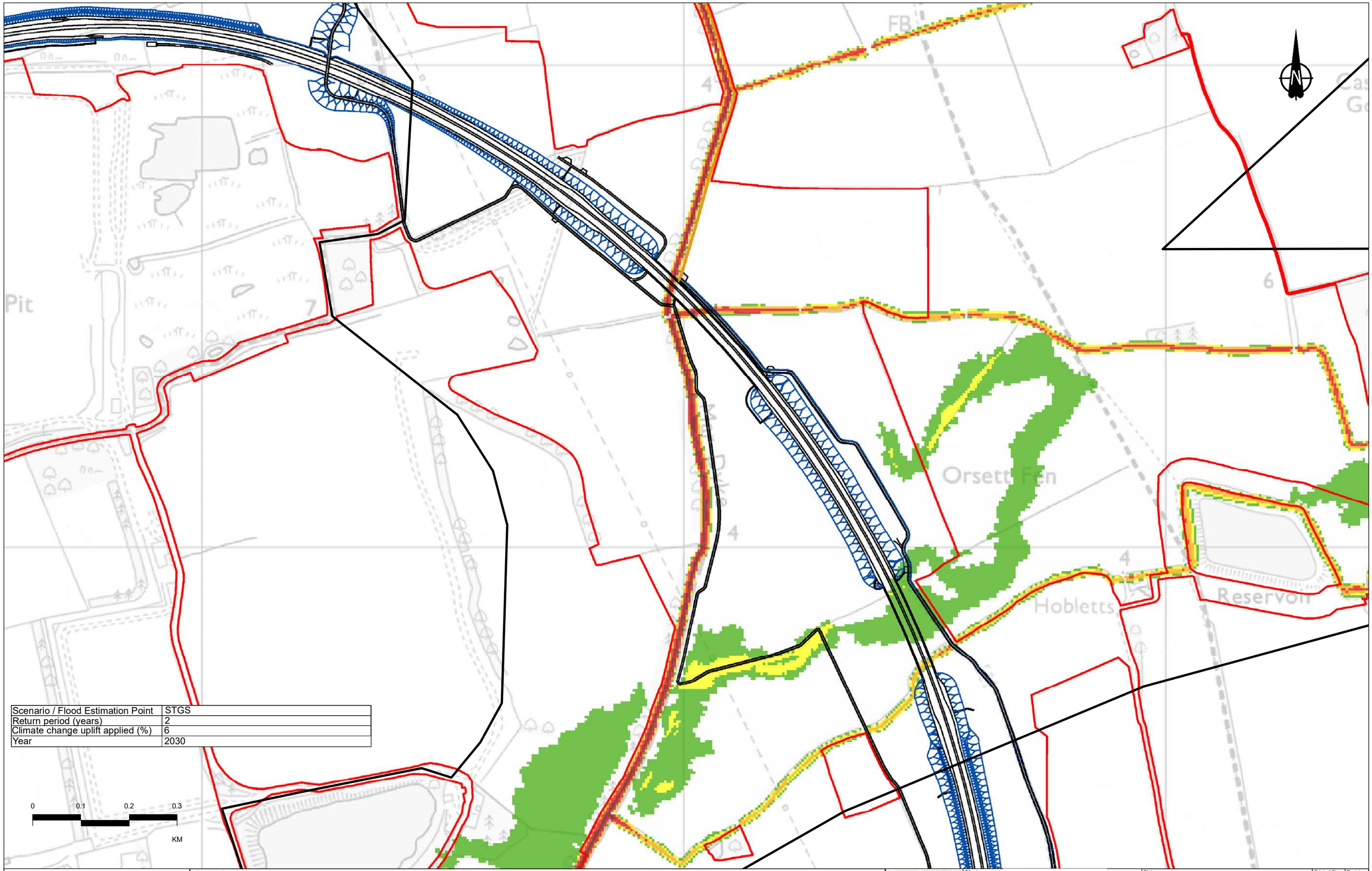
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00318



Scenario / Flood Estimation Point	STGS
Return period (years)	2
Climate change uplift applied (%)	6
Year	2030

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood depth (m)

- 0 - 0.25
- 0.25 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- > 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application

Original Size: A3

Revision: P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: Mardyke Modelling Results Maximum flood depth Pre-development Sheet 20 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00319

Scenario / Flood Estimation Point	STGS
Return period (years)	2
Climate change uplift applied (%)	11
Year	2030

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
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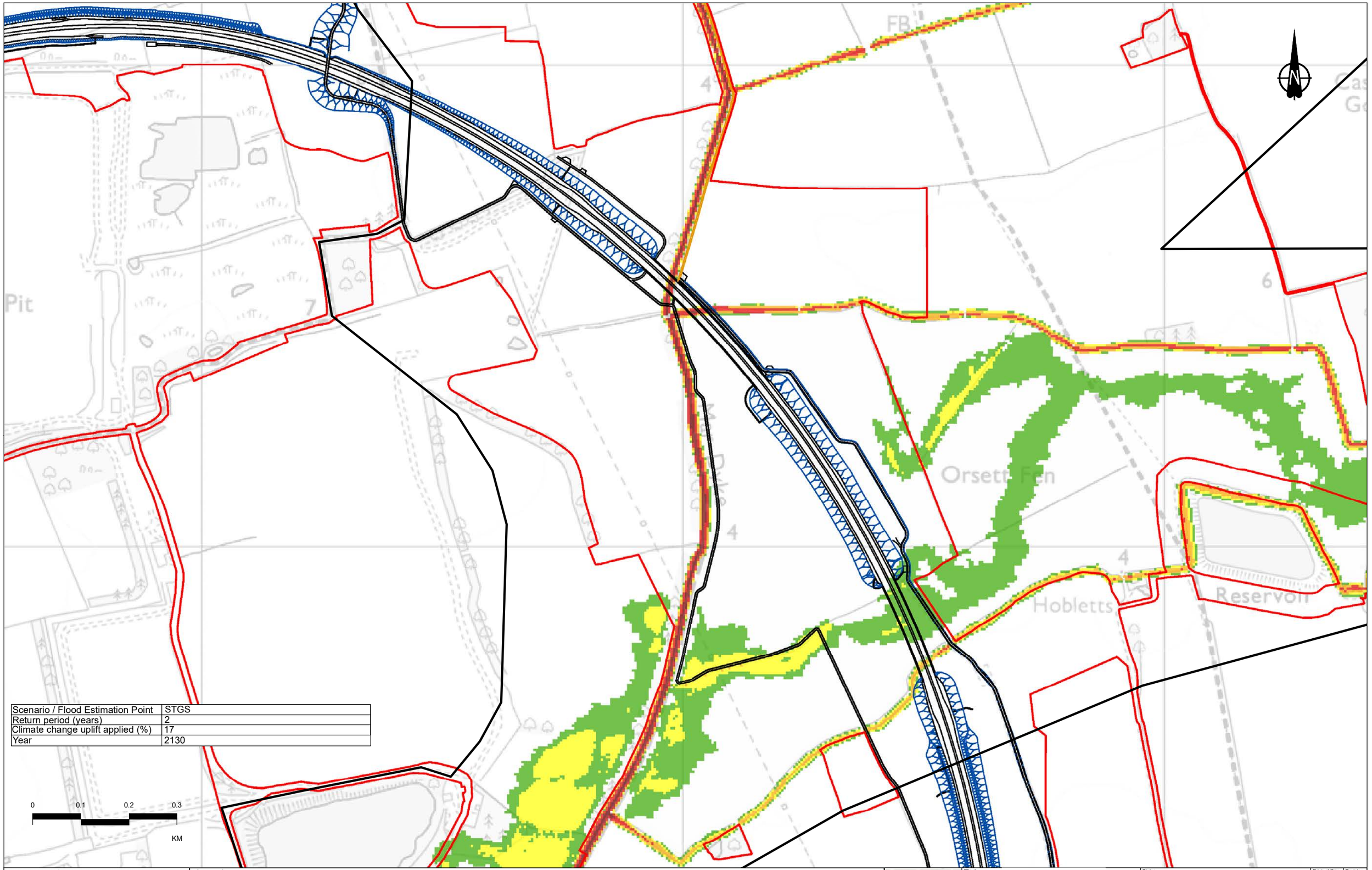
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00320



Scenario / Flood Estimation Point	STGS
Return period (years)	2
Climate change uplift applied (%)	17
Year	2130

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood depth (m)

- 0 - 0.25
- 0.25 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- > 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application

Original Size: A3

Revision: P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: Mardyke Modelling Results Maximum flood depth Pre-development Sheet 22 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00321

Scenario / Flood Estimation Point	STGS
Return period (years)	2
Climate change uplift applied (%)	26
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Pre-development Sheet 23 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00322

Scenario / Flood Estimation Point	STGS
Return period (years)	10
Climate change uplift applied (%)	6
Year	2030

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Pre-development Sheet 24 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00323

Scenario / Flood Estimation Point	STGS
Return period (years)	10
Climate change uplift applied (%)	11
Year	2030

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

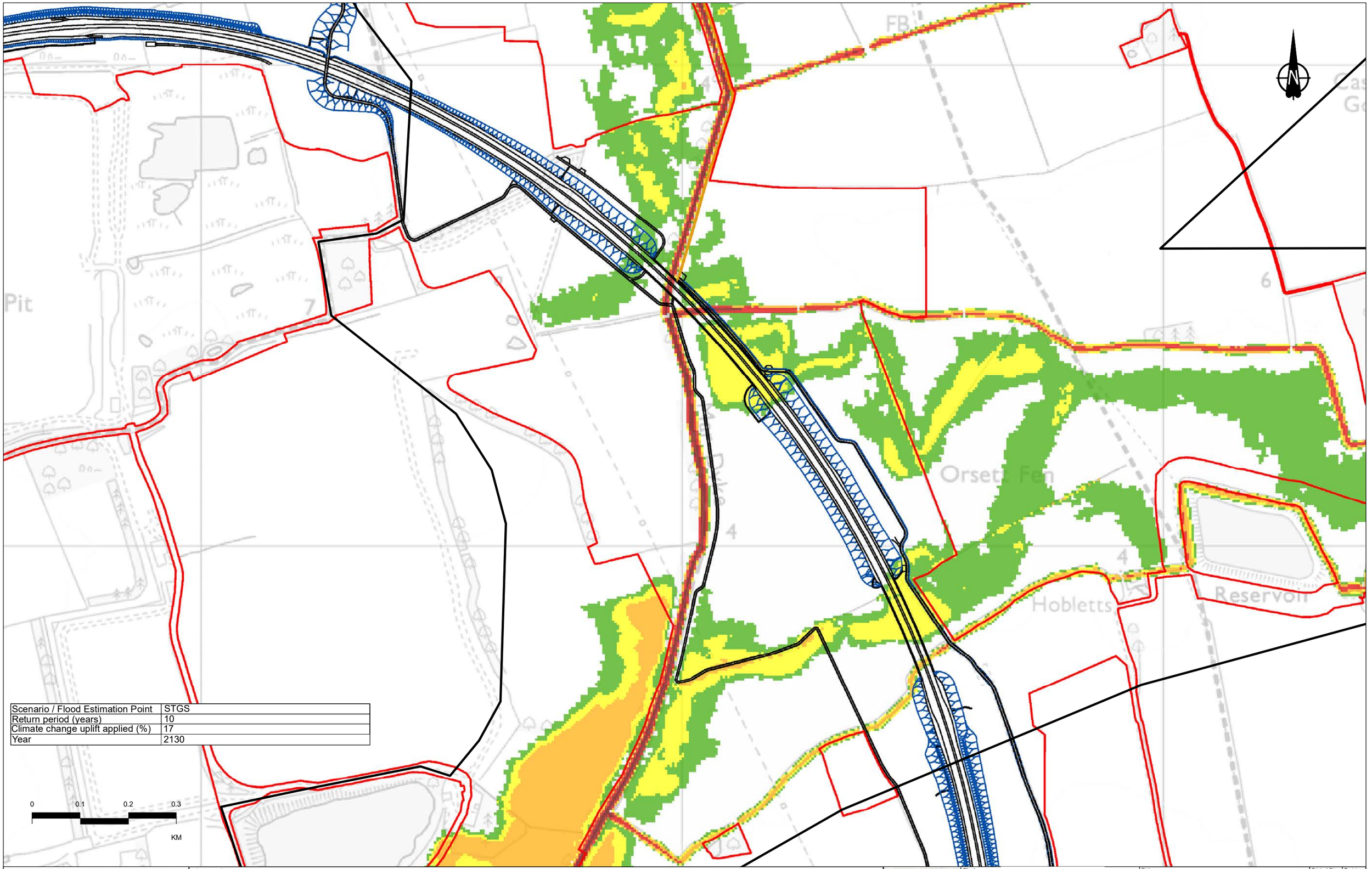
Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Pre-development Sheet 25 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00324



Scenario / Flood Estimation Point	STGS
Return period (years)	10
Climate change uplift applied (%)	17
Year	2130

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

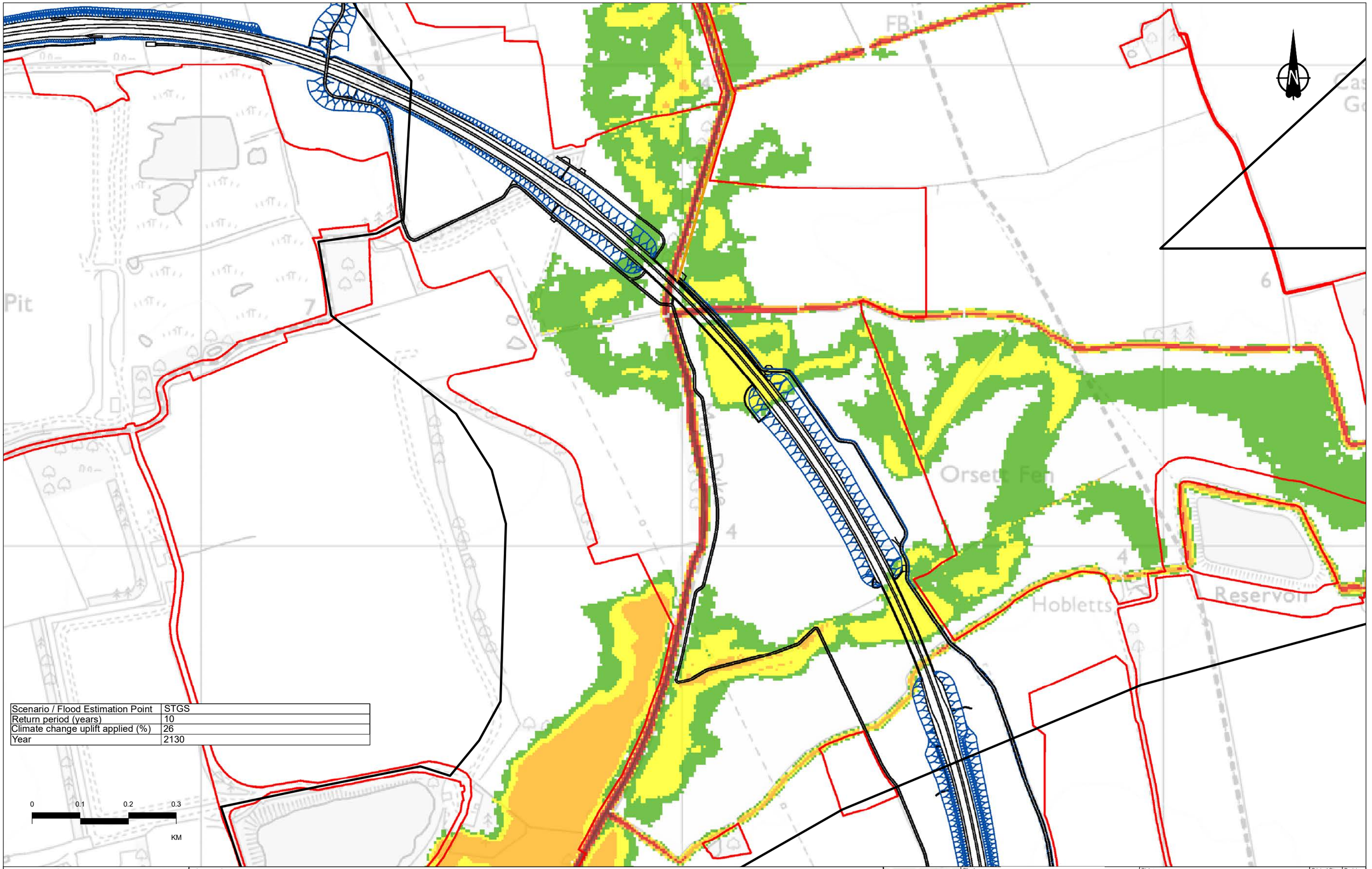
Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Pre-development Sheet 26 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00325



Scenario / Flood Estimation Point	STGS
Return period (years)	10
Climate change uplift applied (%)	26
Year	2130

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Pre-development Sheet 27 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00326

Scenario / Flood Estimation Point	STGS
Return period (years)	25
Climate change uplift applied (%)	6
Year	2030

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Pre-development Sheet 28 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00327

Scenario / Flood Estimation Point	STGS
Return period (years)	25
Climate change uplift applied (%)	11
Year	2030

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Pre-development Sheet 29 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00328

Scenario / Flood Estimation Point	STGS
Return period (years)	25
Climate change uplift applied (%)	17
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Pre-development Sheet 30 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00329

Scenario / Flood Estimation Point	STGS
Return period (years)	25
Climate change uplift applied (%)	26
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Pre-development Sheet 31 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00330

Scenario / Flood Estimation Point	STGS
Return period (years)	100
Climate change uplift applied (%)	6
Year	2030

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Pre-development Sheet 32 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00331

Scenario / Flood Estimation Point	STGS
Return period (years)	100
Climate change uplift applied (%)	11
Year	2030

0 0.1 0.2 0.3

KM

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood depth (m)

- 0 - 0.25
- 0.25 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- > 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status	Original Size	Revision
DCO Application	A3	P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: Mardyke Modelling Results Maximum flood depth Pre-development Sheet 33 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00332

Scenario / Flood Estimation Point	STGS
Return period (years)	100
Climate change uplift applied (%)	17
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Pre-development
Sheet 34 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00333

Scenario / Flood Estimation Point	STGS
Return period (years)	100
Climate change uplift applied (%)	26
Year	2130

0 0.1 0.2 0.3

KM

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood depth (m)

- 0 - 0.25
- 0.25 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- > 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application

Original Size: A3

Revision: P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Pre-development
Sheet 35 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00334

Scenario / Flood Estimation Point	STGS
Return period (years)	1000
Climate change uplift applied (%)	11
Year	2030

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Pre-development Sheet 36 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00335

Scenario / Flood Estimation Point	STGS
Return period (years)	1000
Climate change uplift applied (%)	26
Year	2130

0 0.1 0.2 0.3

KM

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood depth (m)

- 0 - 0.25
- 0.25 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- > 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application

Original Size: A3

Revision: P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Pre-development
Sheet 37 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00336

Scenario / Flood Estimation Point	STGS
Return period (years)	1000
Climate change uplift applied (%)	48
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

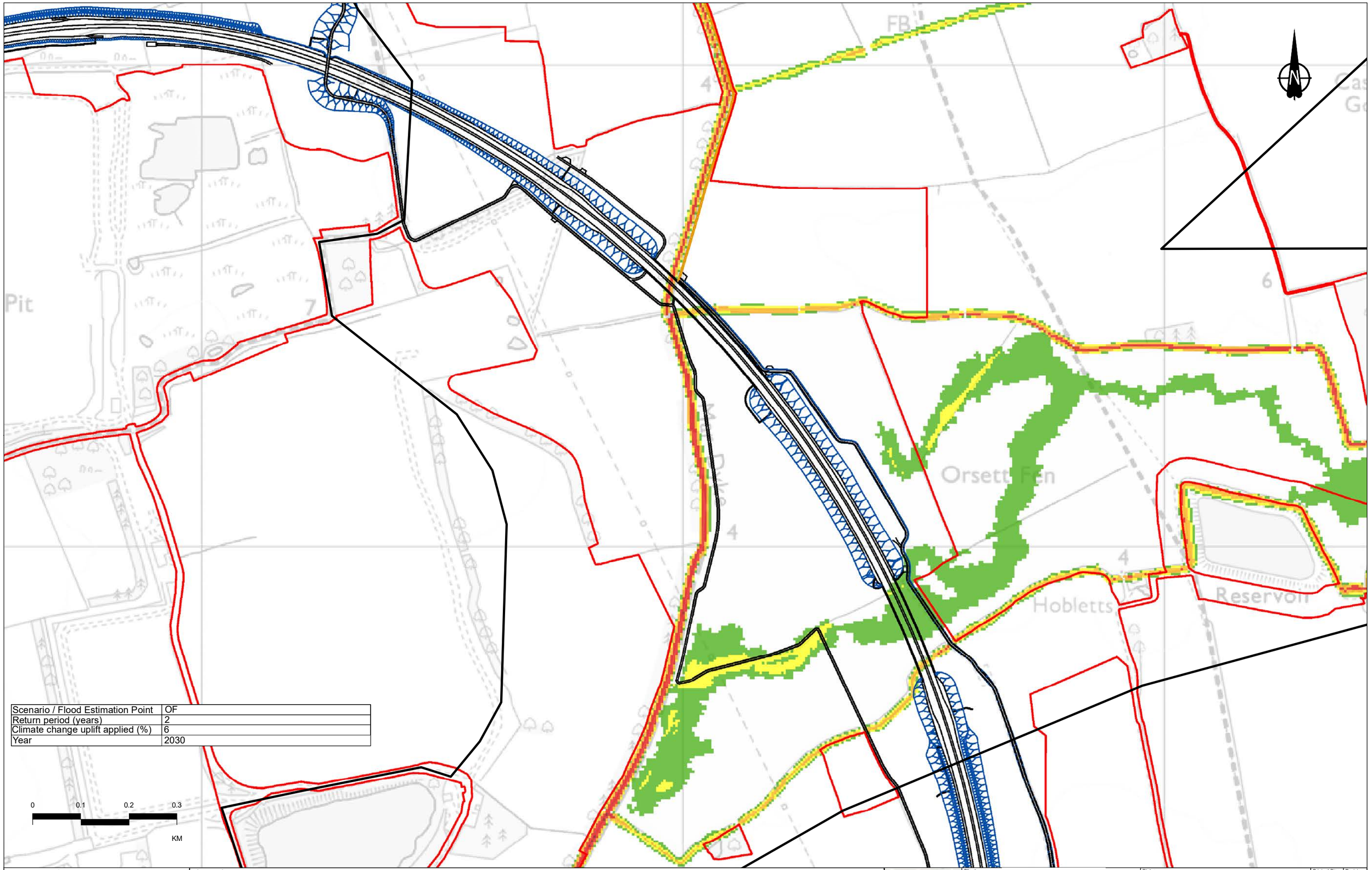
Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Pre-development Sheet 38 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00337



Scenario / Flood Estimation Point	OF
Return period (years)	2
Climate change uplift applied (%)	6
Year	2030

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Post-development (without mitigation) Sheet 1 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00338

Scenario / Flood Estimation Point	OF
Return period (years)	2
Climate change uplift applied (%)	11
Year	2030

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (without mitigation)
Sheet 2 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00339

Scenario / Flood Estimation Point	OF
Return period (years)	2
Climate change uplift applied (%)	17
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (without mitigation)
Sheet 3 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00340

Scenario / Flood Estimation Point	OF
Return period (years)	2
Climate change uplift applied (%)	26
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

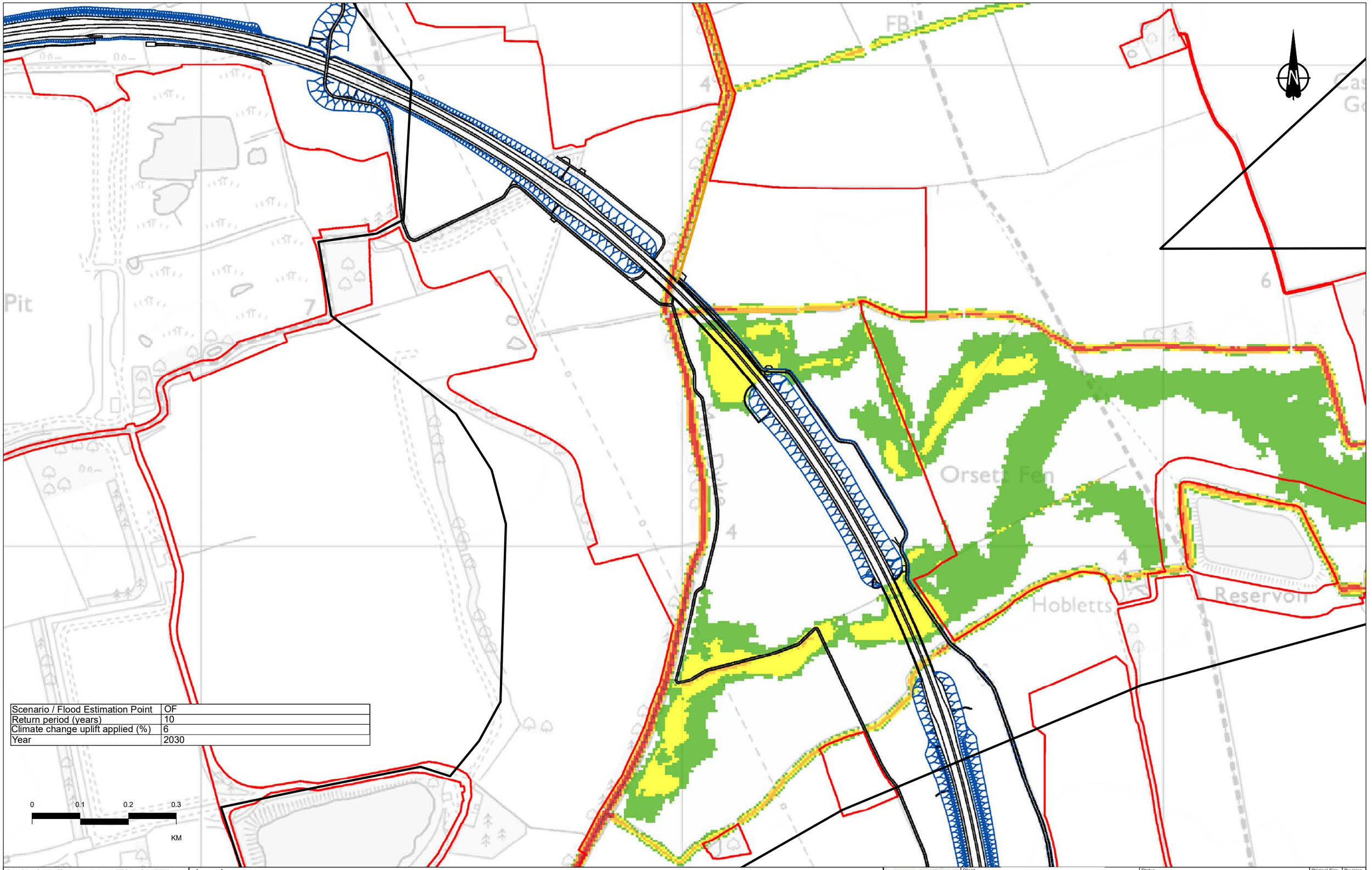
Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (without mitigation)
Sheet 4 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00341



Scenario / Flood Estimation Point	OF
Return period (years)	10
Climate change uplift applied (%)	6
Year	2030

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

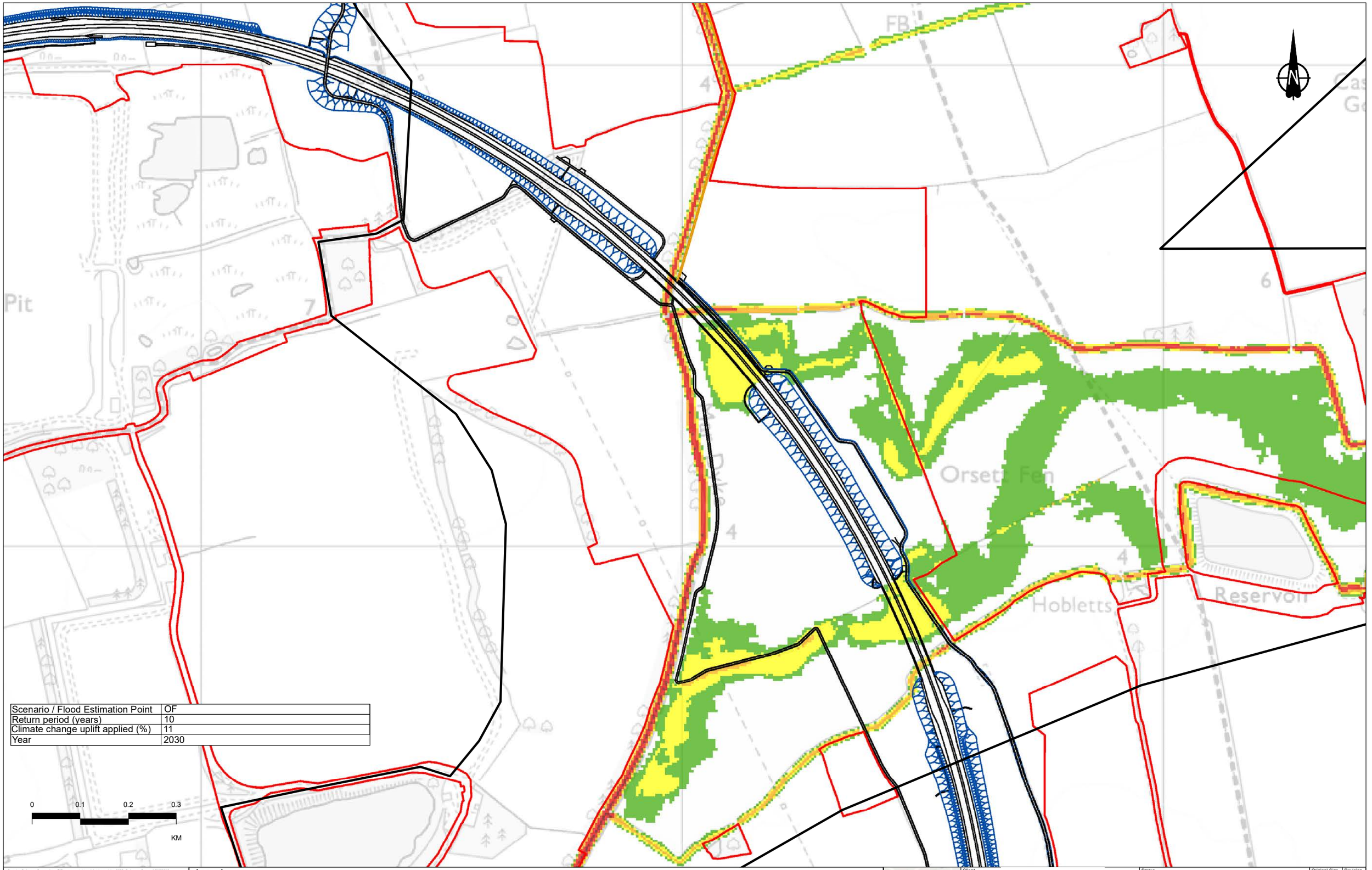
Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (without mitigation)
Sheet 5 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00342



Scenario / Flood Estimation Point	OF
Return period (years)	10
Climate change uplift applied (%)	11
Year	2030

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

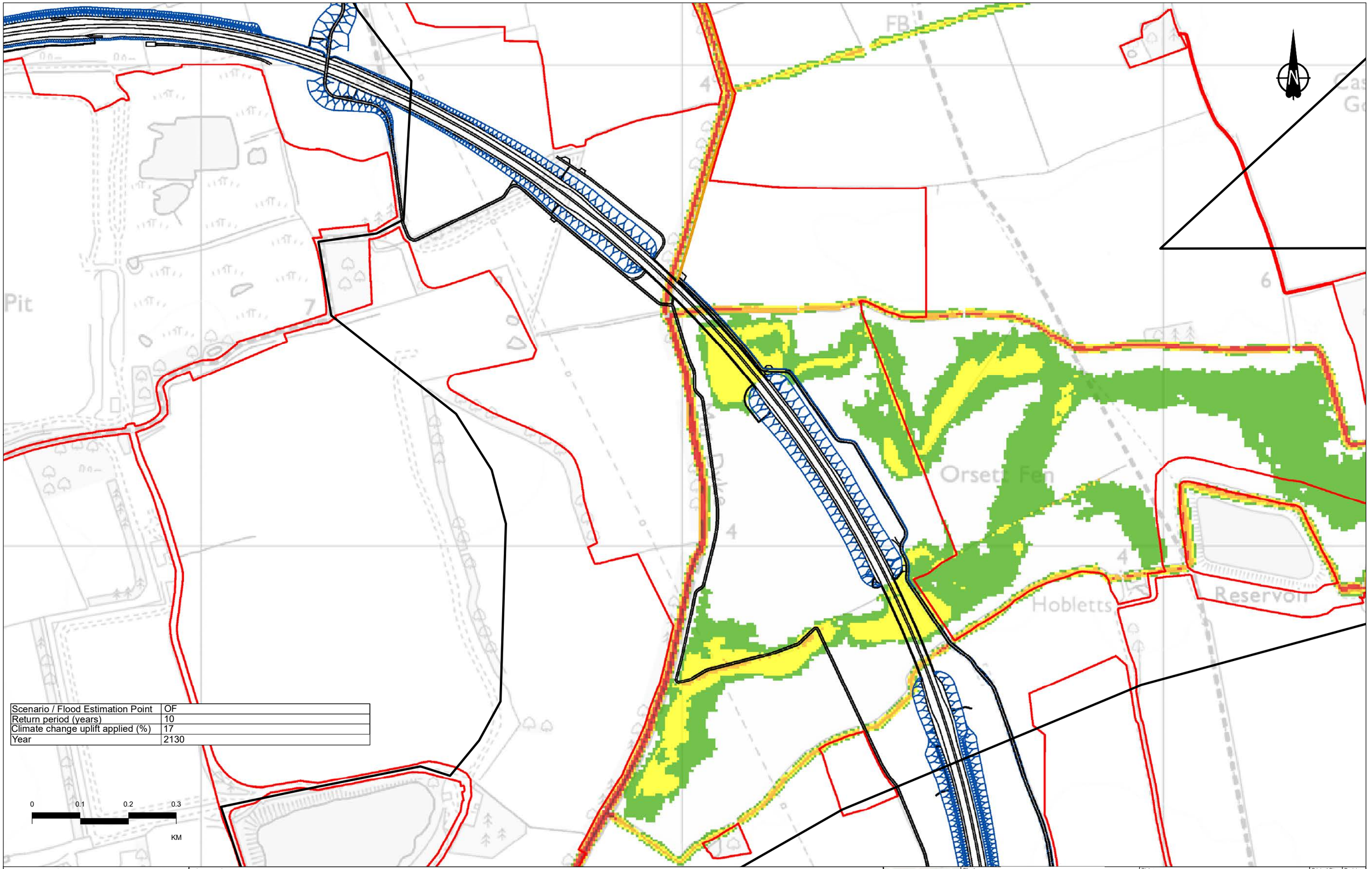
Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (without mitigation)
Sheet 6 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00343



Scenario / Flood Estimation Point	OF
Return period (years)	10
Climate change uplift applied (%)	17
Year	2130

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Post-development (without mitigation) Sheet 7 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00344

Scenario / Flood Estimation Point	OF
Return period (years)	10
Climate change uplift applied (%)	26
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

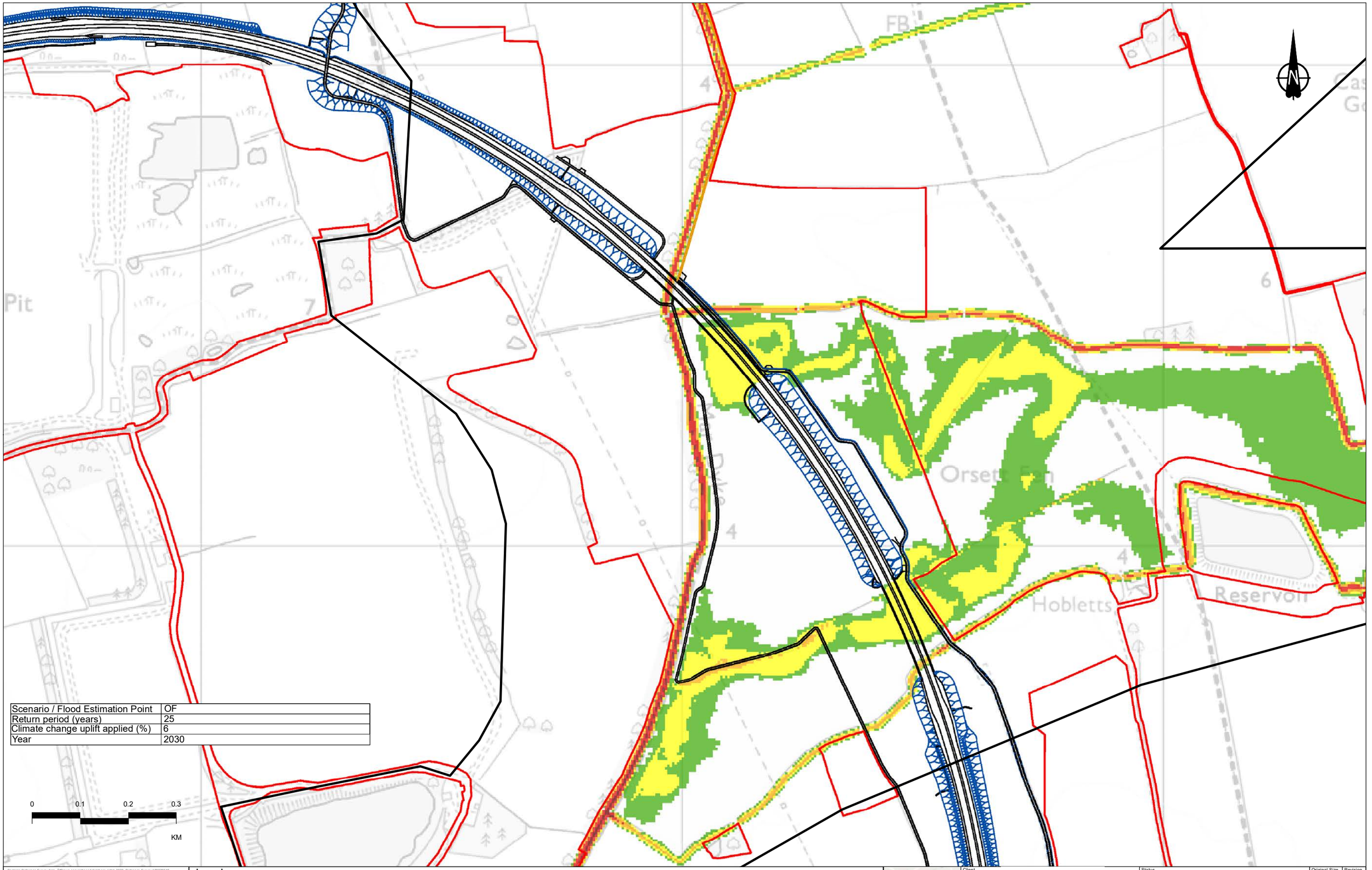
Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (without mitigation)
Sheet 8 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00345



Scenario / Flood Estimation Point	OF
Return period (years)	25
Climate change uplift applied (%)	6
Year	2030

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood depth (m)

- 0 - 0.25
- 0.25 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- > 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

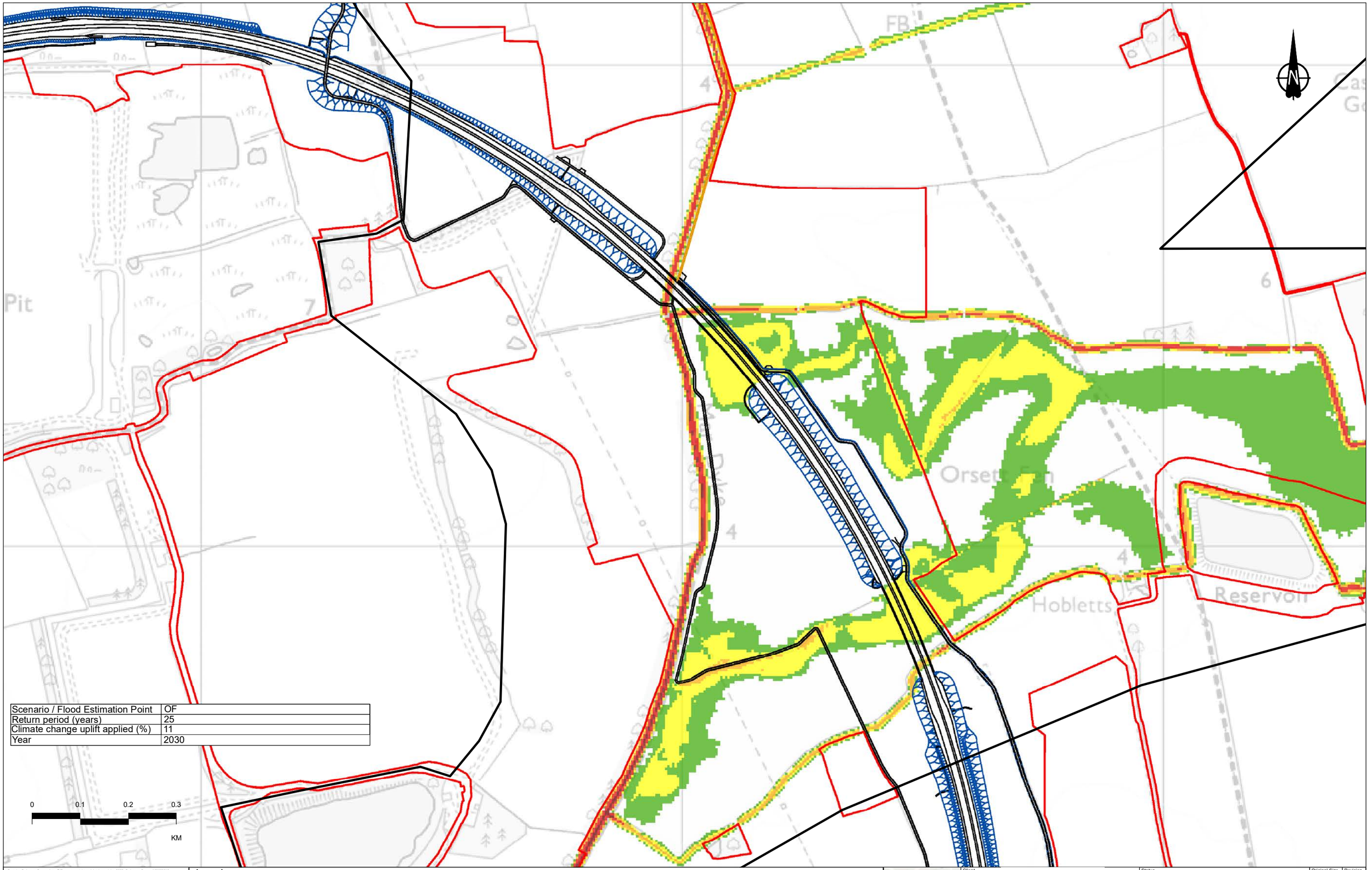
Status	Original Size	Revision
DCO Application	A3	P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (without mitigation)
Sheet 9 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00346



Scenario / Flood Estimation Point	OF
Return period (years)	25
Climate change uplift applied (%)	11
Year	2030

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

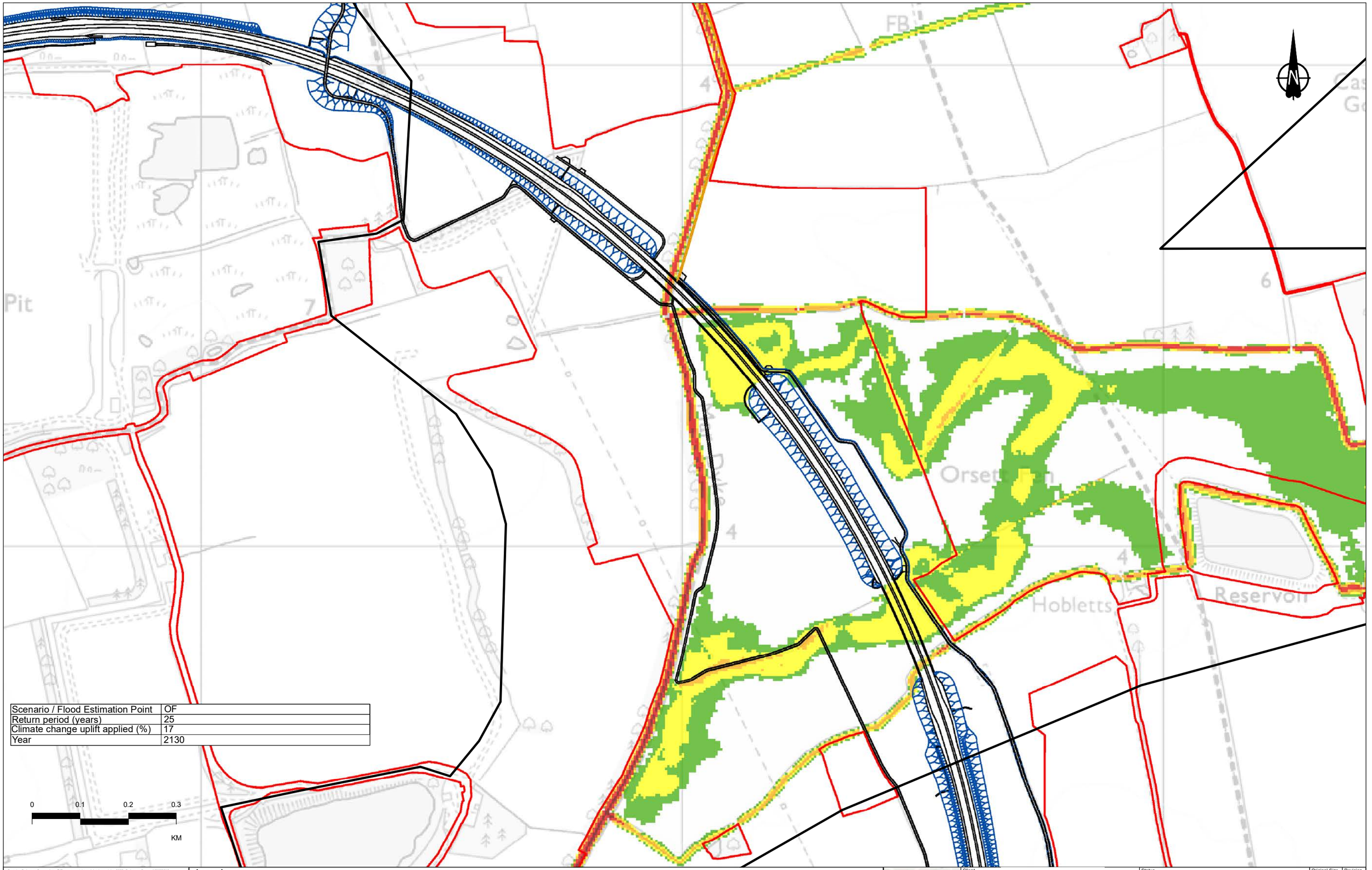
Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (without mitigation)
Sheet 10 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00347



Scenario / Flood Estimation Point	OF
Return period (years)	25
Climate change uplift applied (%)	17
Year	2130

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood depth (m)

- 0 - 0.25
- 0.25 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- > 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application

Original Size: A3

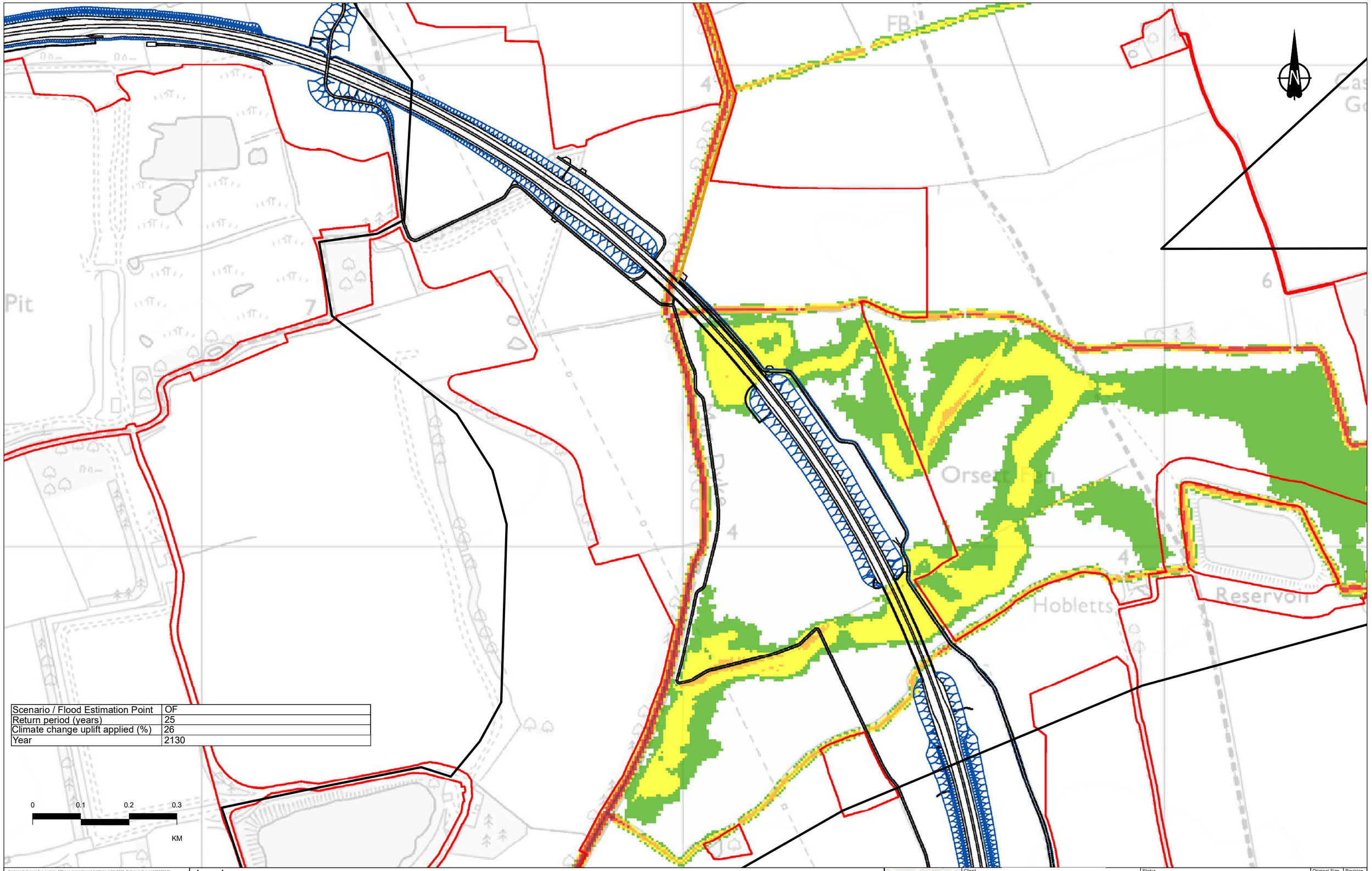
Revision: P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (without mitigation)
Sheet 11 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00348



Scenario / Flood Estimation Point	OF
Return period (years)	25
Climate change uplift applied (%)	26
Year	2130

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood depth (m)

- 0 - 0.25
- 0.25 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- > 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status	Original Size	Revision
DCO Application	A3	P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (without mitigation)
Sheet 12 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00349

Scenario / Flood Estimation Point	OF
Return period (years)	100
Climate change uplift applied (%)	6
Year	2030

0 0.1 0.2 0.3

KM

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood depth (m)

- 0 - 0.25
- 0.25 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- > 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application

Original Size: A3

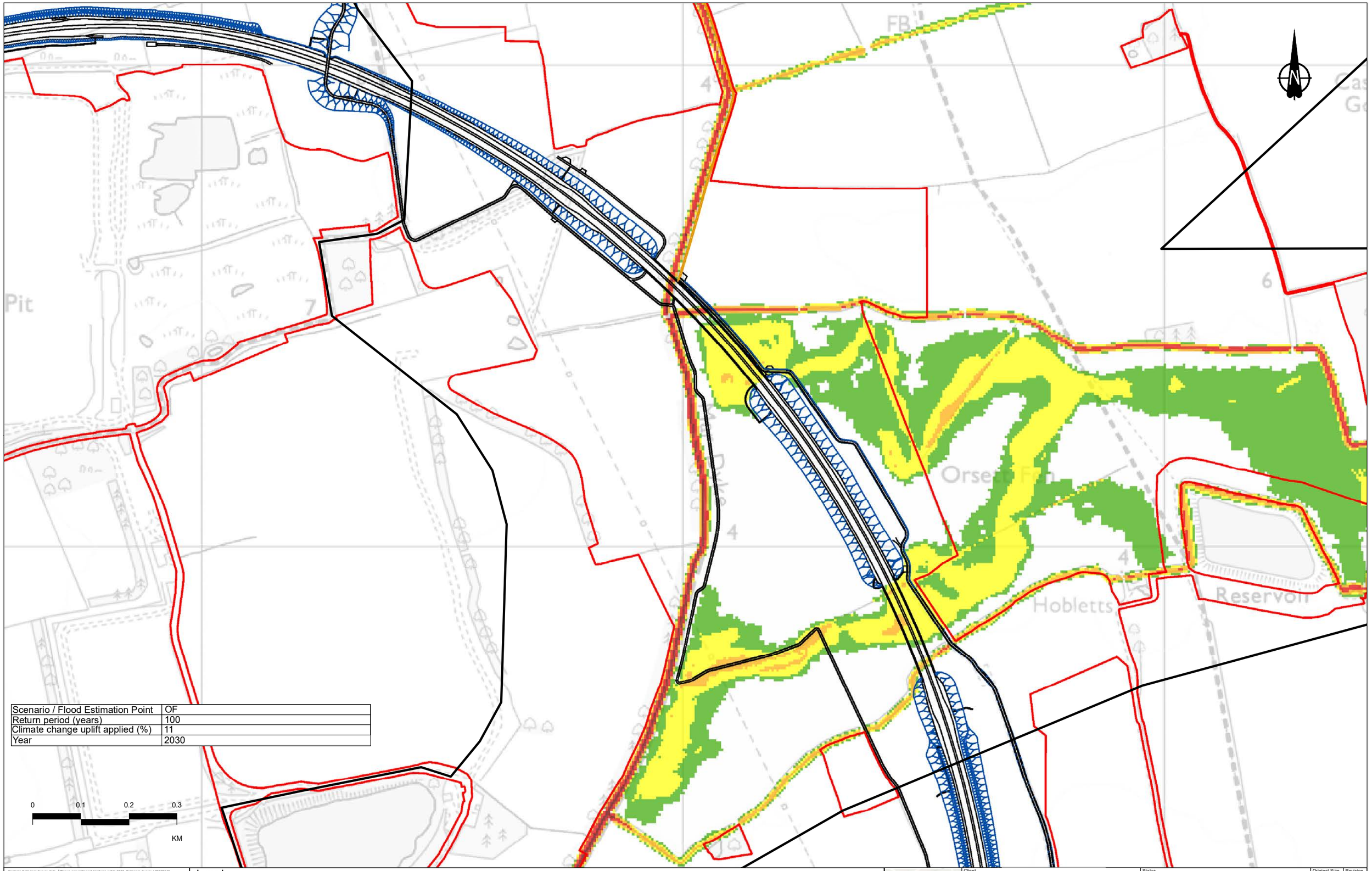
Revision: P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (without mitigation)
Sheet 13 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00350



Scenario / Flood Estimation Point	OF
Return period (years)	100
Climate change uplift applied (%)	11
Year	2030

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood depth (m)

- 0 - 0.25
- 0.25 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- > 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status	DCO Application
Original Size	A3
Revision	P01
Application Document Number	TR010032/APP/6.3
Scale	1:7,000
Drawing title	Mardyke Modelling Results Maximum flood depth Post-development (without mitigation) Sheet 14 of 38
Drawing number	HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00351

Scenario / Flood Estimation Point	OF
Return period (years)	100
Climate change uplift applied (%)	17
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (without mitigation)
Sheet 15 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00352

Scenario / Flood Estimation Point	OF
Return period (years)	100
Climate change uplift applied (%)	26
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (without mitigation)
Sheet 16 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00353

Scenario / Flood Estimation Point	OF
Return period (years)	1000
Climate change uplift applied (%)	11
Year	2030

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000

Drawing title:
Mardyke Modelling Results
Maximum flood depth
Post-development (without mitigation)
Sheet 17 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00354

Scenario / Flood Estimation Point	OF
Return period (years)	1000
Climate change uplift applied (%)	26
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (without mitigation)
Sheet 18 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00355

Scenario / Flood Estimation Point	OF
Return period (years)	1000
Climate change uplift applied (%)	48
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

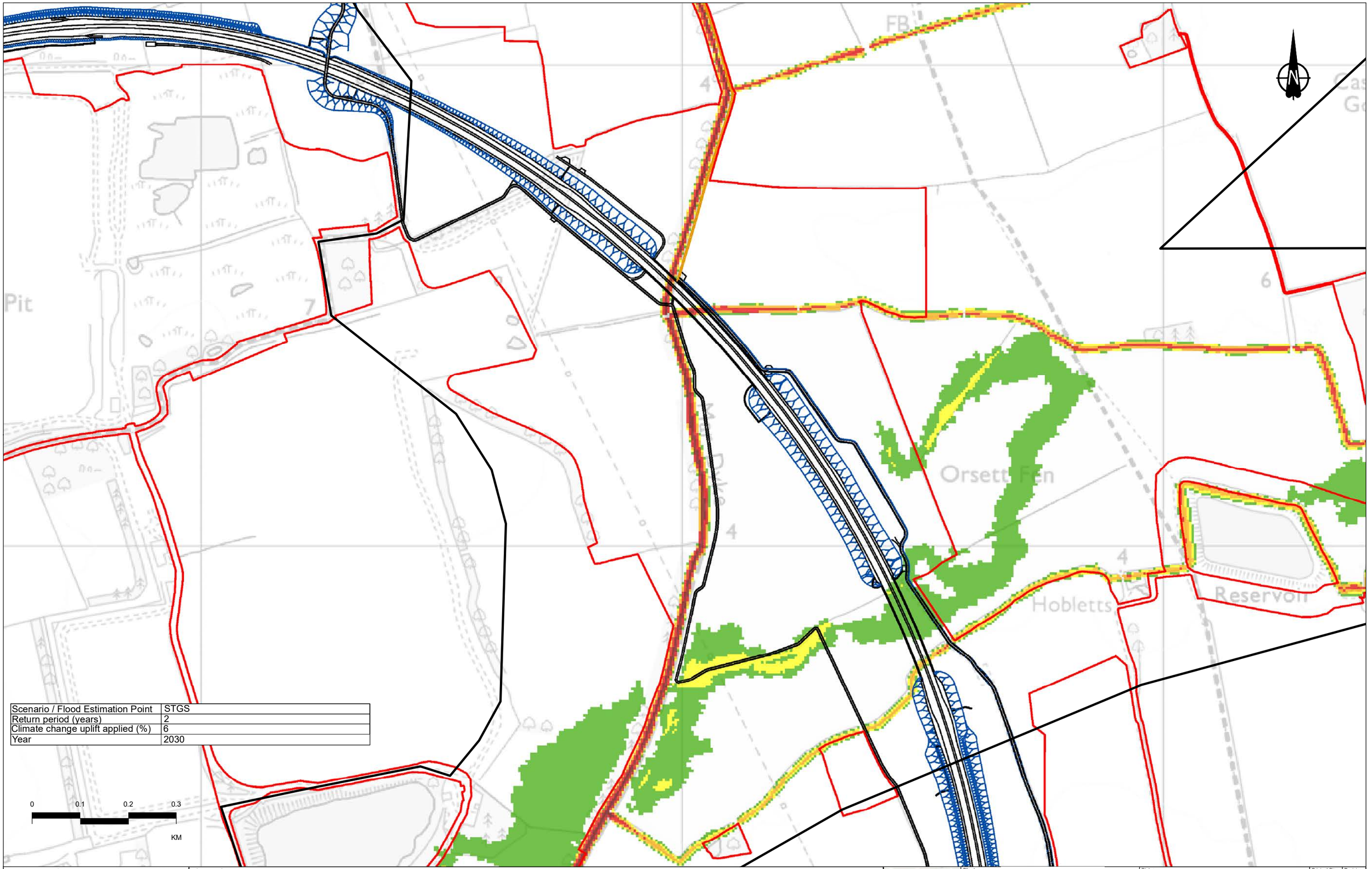
Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000

Drawing title:
Mardyke Modelling Results
Maximum flood depth
Post-development (without mitigation)
Sheet 19 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00356



Scenario / Flood Estimation Point	STGS
Return period (years)	2
Climate change uplift applied (%)	6
Year	2030

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

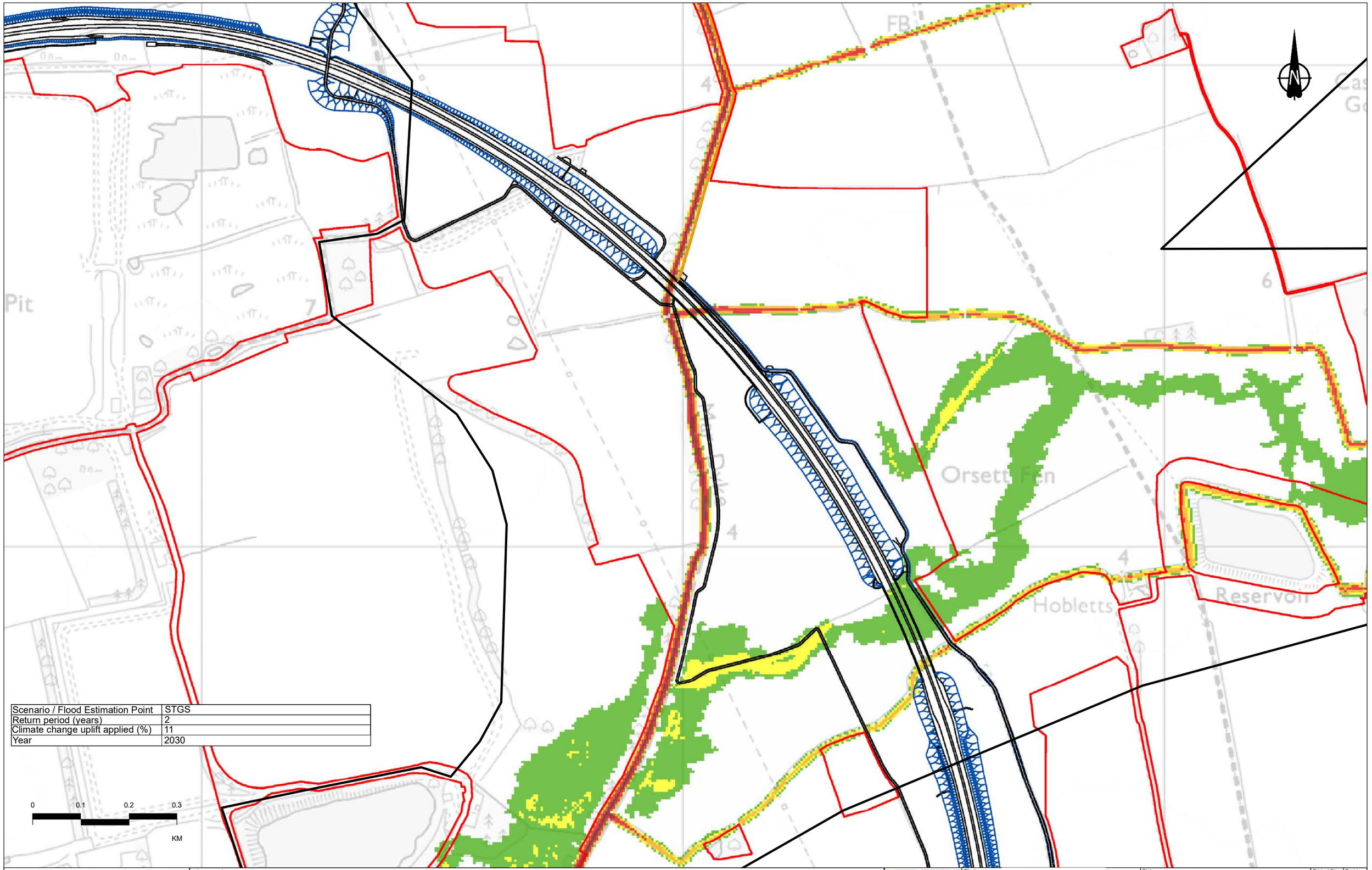
Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Post-development (without mitigation) Sheet 20 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00357



Scenario / Flood Estimation Point	STGS
Return period (years)	2
Climate change uplift applied (%)	11
Year	2030

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Post-development (without mitigation) Sheet 21 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00358

Scenario / Flood Estimation Point	STGS
Return period (years)	2
Climate change uplift applied (%)	17
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

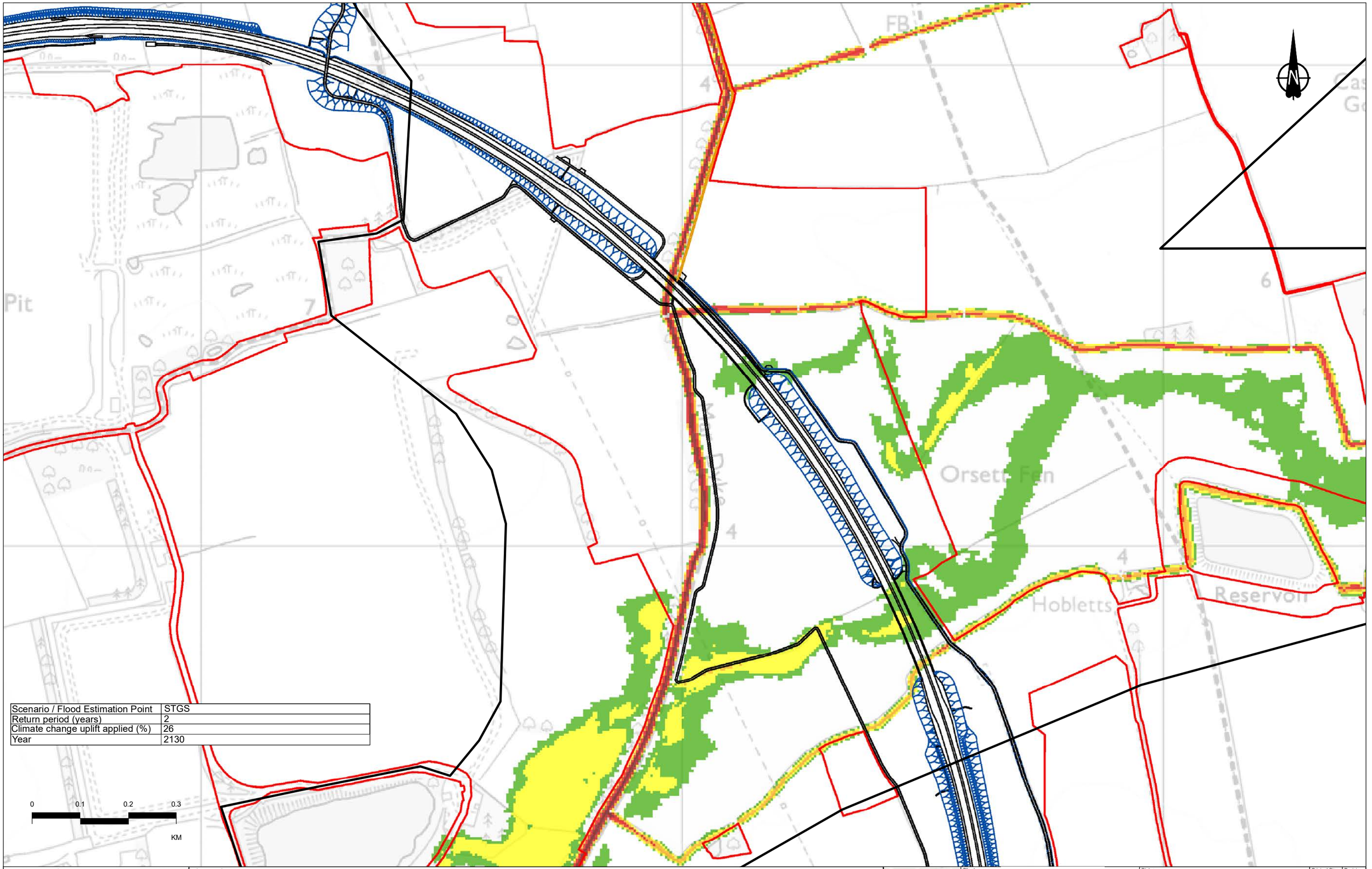
Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Post-development (without mitigation) Sheet 22 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00359



Scenario / Flood Estimation Point	STGS
Return period (years)	2
Climate change uplift applied (%)	26
Year	2130

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood depth (m)

- 0 - 0.25
- 0.25 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- > 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application

Original Size: A3

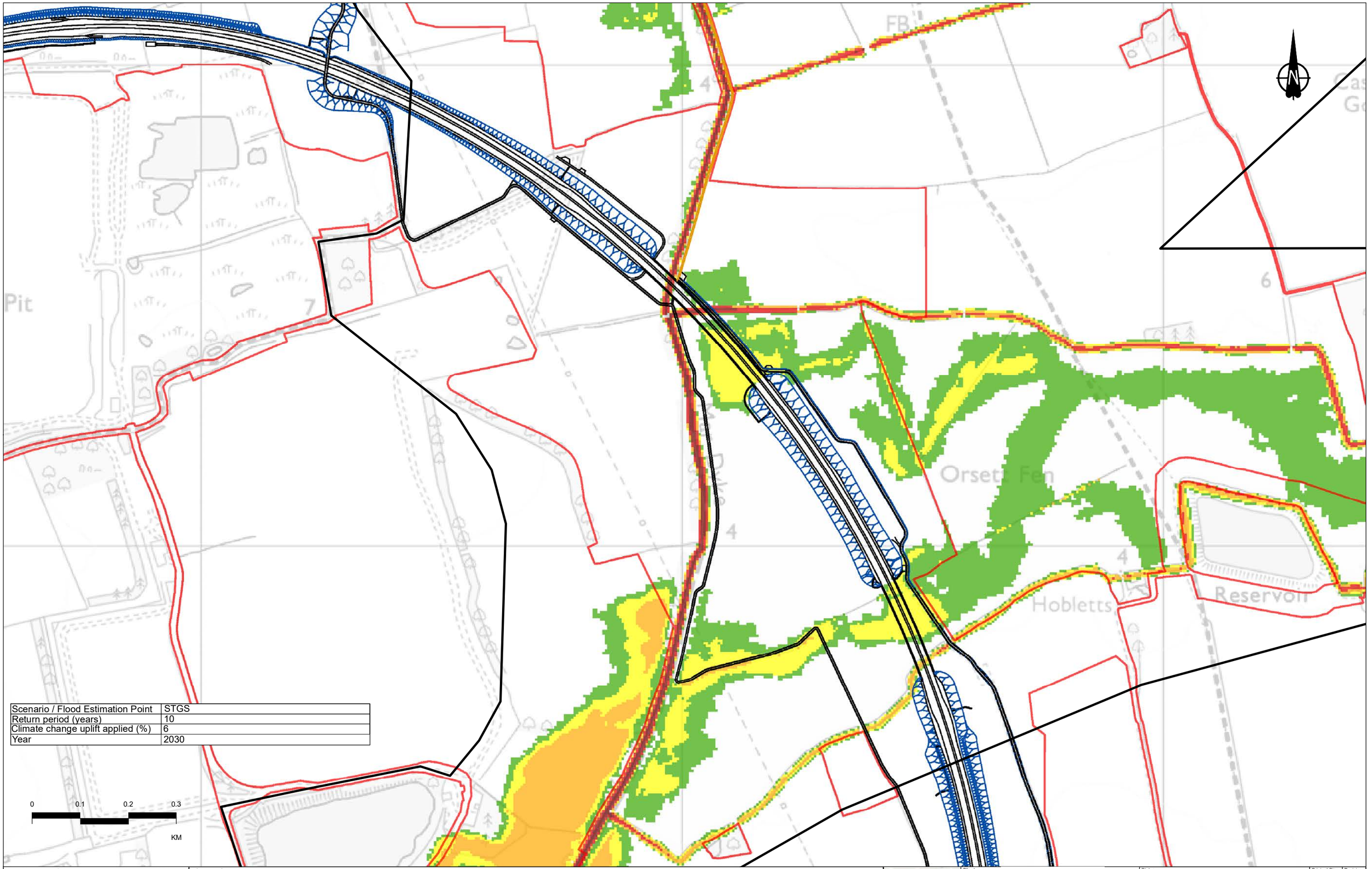
Revision: P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (without mitigation)
Sheet 23 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00360



Scenario / Flood Estimation Point	STGS
Return period (years)	10
Climate change uplift applied (%)	6
Year	2030

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Legend

2D model extent
Order Limits

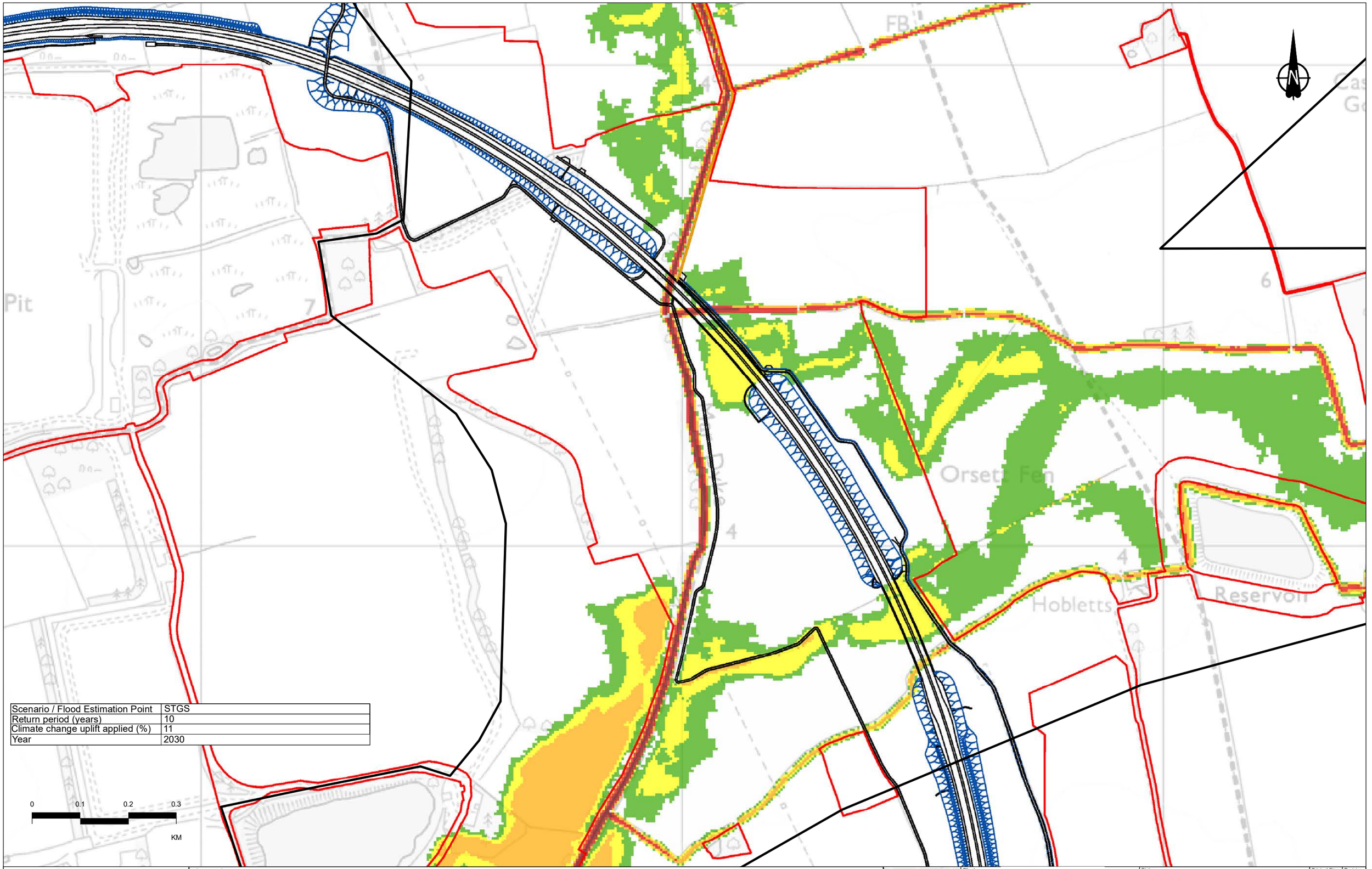
Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (without mitigation)
Sheet 24 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00361



Scenario / Flood Estimation Point	STGS
Return period (years)	10
Climate change uplift applied (%)	11
Year	2030

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Post-development (without mitigation) Sheet 25 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00362

Scenario / Flood Estimation Point	STGS
Return period (years)	10
Climate change uplift applied (%)	17
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

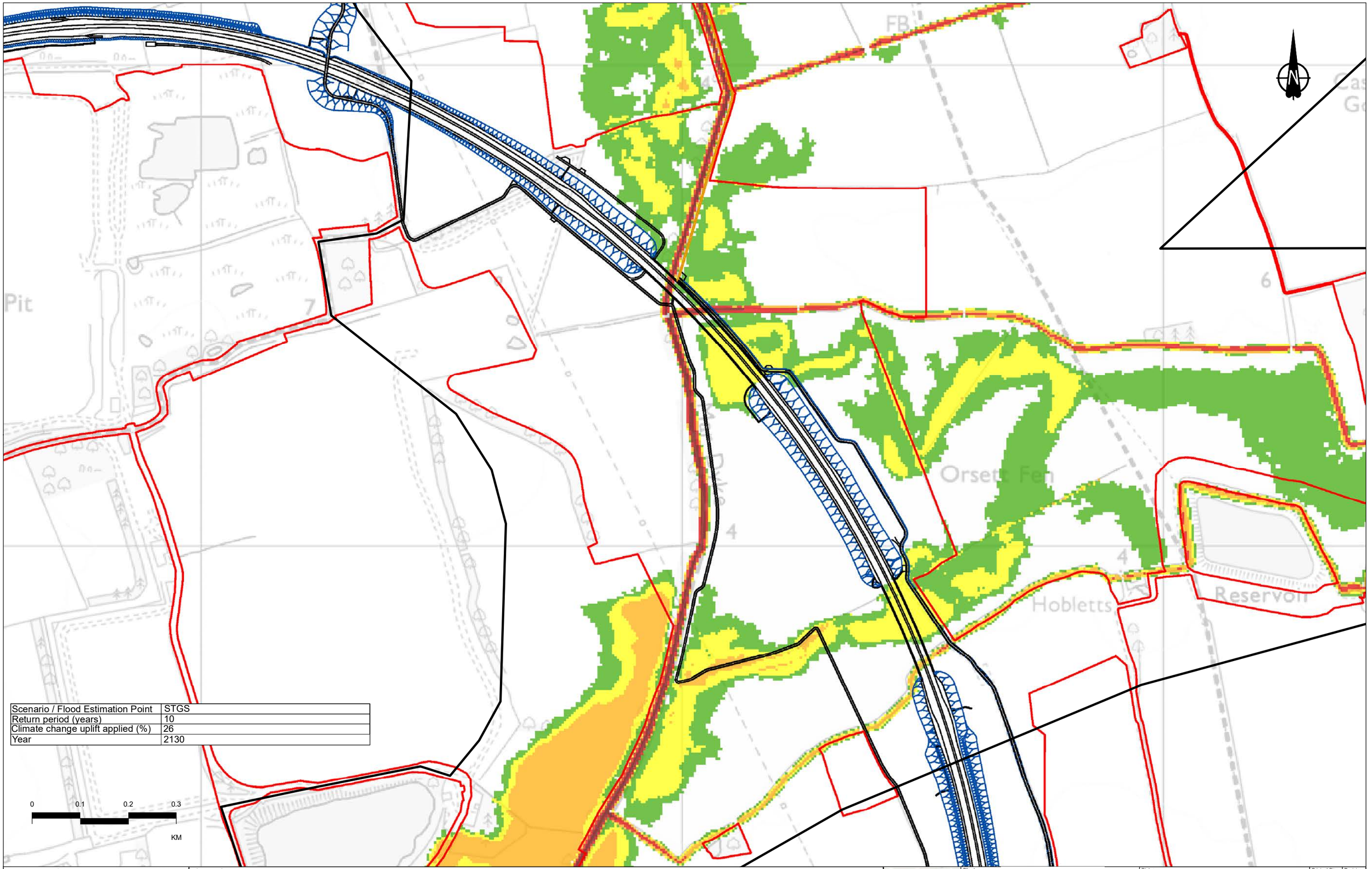
Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (without mitigation)
Sheet 26 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00363



Scenario / Flood Estimation Point	STGS
Return period (years)	10
Climate change uplift applied (%)	26
Year	2130

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

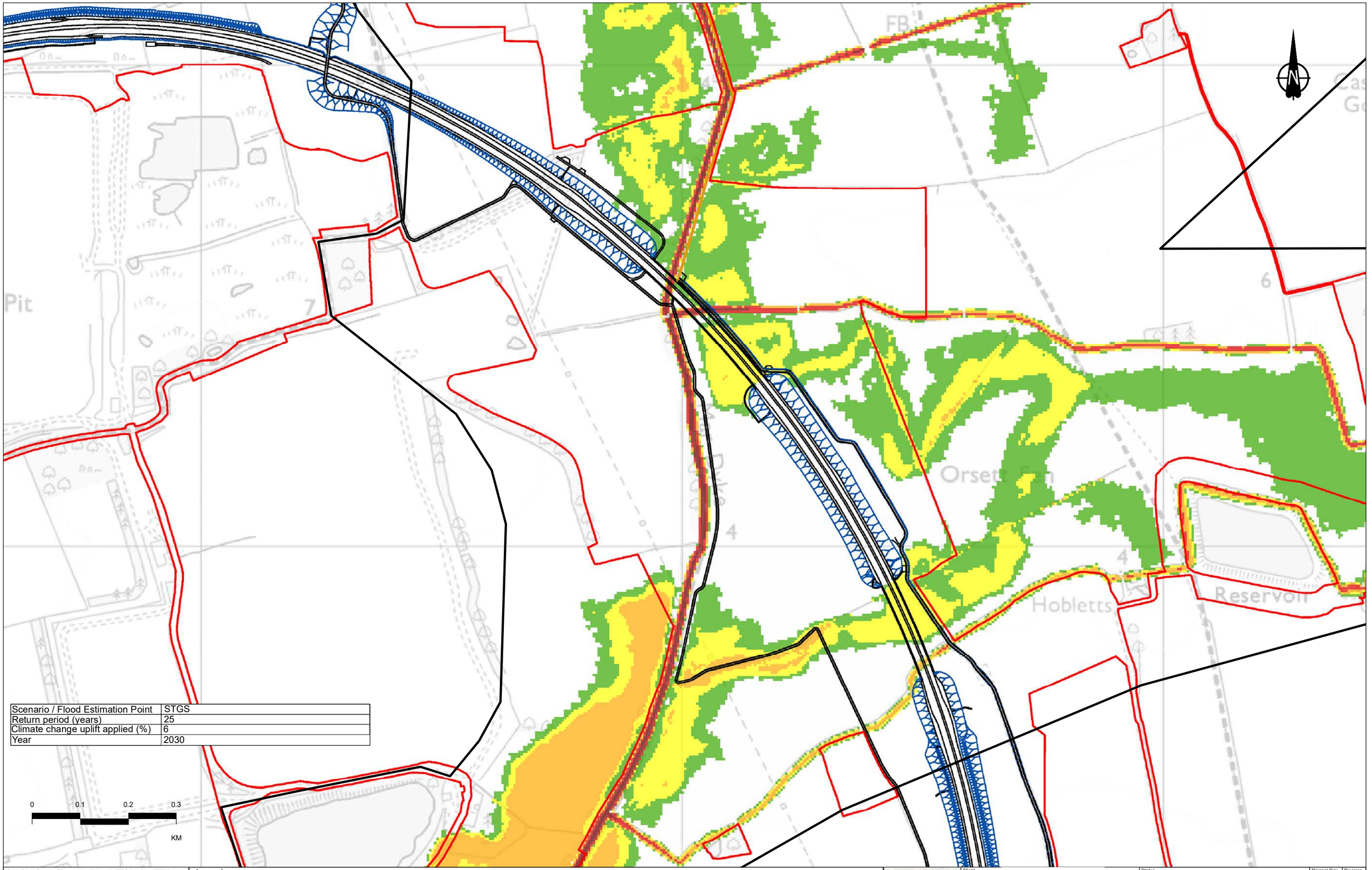
Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (without mitigation)
Sheet 27 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00364



Scenario / Flood Estimation Point	STGS
Return period (years)	25
Climate change uplift applied (%)	6
Year	2030

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (without mitigation)
Sheet 28 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00365

Scenario / Flood Estimation Point	STGS
Return period (years)	25
Climate change uplift applied (%)	11
Year	2030

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

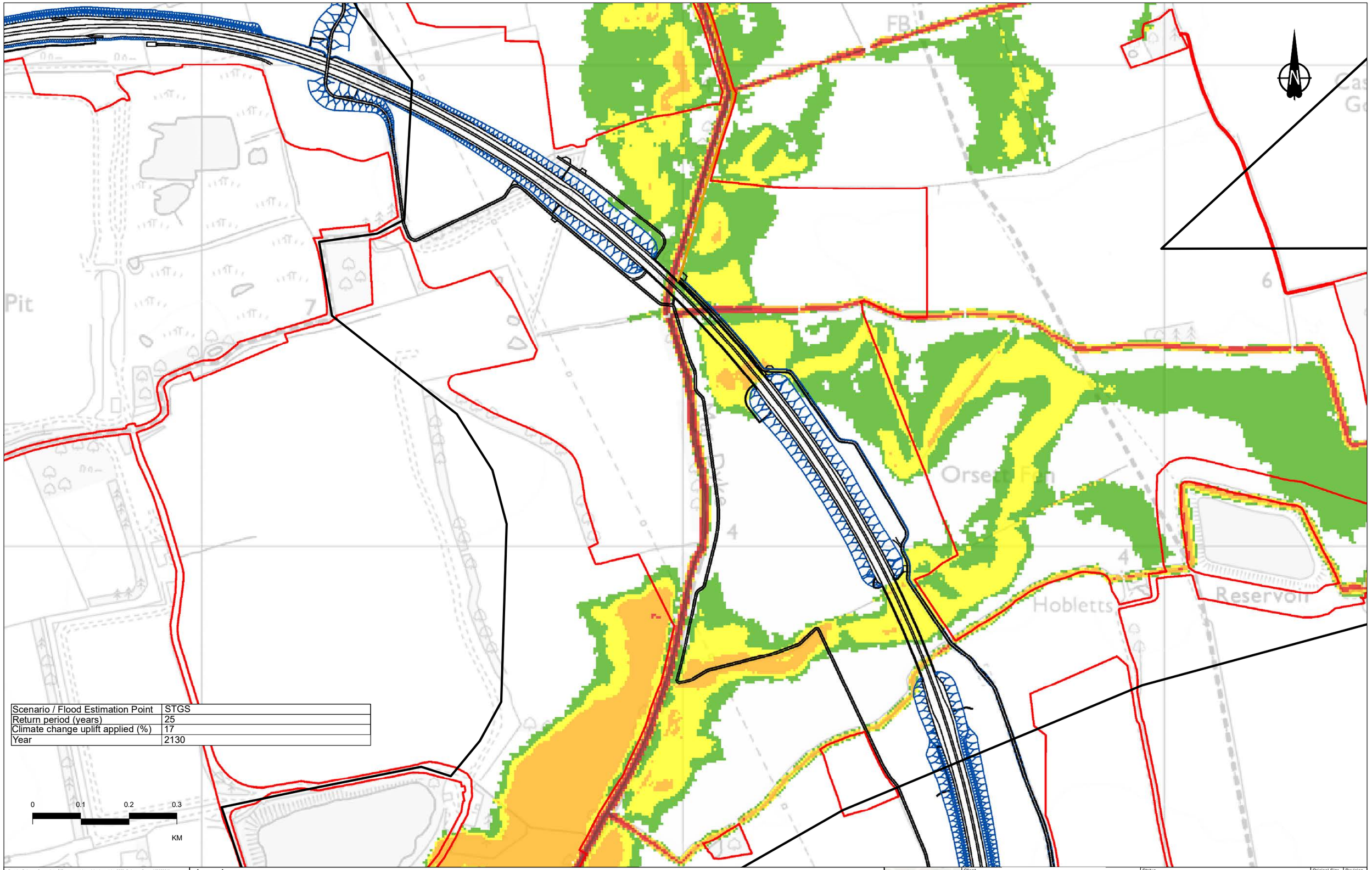
Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (without mitigation)
Sheet 29 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00366



Scenario / Flood Estimation Point	STGS
Return period (years)	25
Climate change uplift applied (%)	17
Year	2130

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood depth (m)

- 0 - 0.25
- 0.25 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- > 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application

Original Size: A3

Revision: P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (without mitigation)
Sheet 30 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00367

Scenario / Flood Estimation Point	STGS
Return period (years)	25
Climate change uplift applied (%)	26
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (without mitigation)
Sheet 31 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00368

Scenario / Flood Estimation Point	STGS
Return period (years)	100
Climate change uplift applied (%)	6
Year	2030

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (without mitigation)
Sheet 32 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00369

Scenario / Flood Estimation Point	STGS
Return period (years)	100
Climate change uplift applied (%)	11
Year	2030

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000

Drawing title:
Mardyke Modelling Results
Maximum flood depth
Post-development (without mitigation)
Sheet 33 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00370

Scenario / Flood Estimation Point	STGS
Return period (years)	100
Climate change uplift applied (%)	17
Year	2130

0 0.1 0.2 0.3

KM

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood depth (m)

- 0 - 0.25
- 0.25 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- > 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application

Original Size: A3

Revision: P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (without mitigation)
Sheet 34 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00371

Scenario / Flood Estimation Point	STGS
Return period (years)	100
Climate change uplift applied (%)	26
Year	2130

0 0.1 0.2 0.3

KM

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood depth (m)

- 0 - 0.25
- 0.25 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- > 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application		Original Size: A3	Revision: P01
Application Document Number: TR010032/APP/6.3		Scale: 1:7,000	

Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (without mitigation)
Sheet 35 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00372

Scenario / Flood Estimation Point	STGS
Return period (years)	1000
Climate change uplift applied (%)	11
Year	2030

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (without mitigation)
Sheet 36 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00373

Scenario / Flood Estimation Point	STGS
Return period (years)	1000
Climate change uplift applied (%)	26
Year	2130

0 0.1 0.2 0.3

KM

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood depth (m)

- 0 - 0.25
- 0.25 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- > 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application

Original Size: A3

Revision: P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (without mitigation)
Sheet 37 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00374

Scenario / Flood Estimation Point	STGS
Return period (years)	1000
Climate change uplift applied (%)	48
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

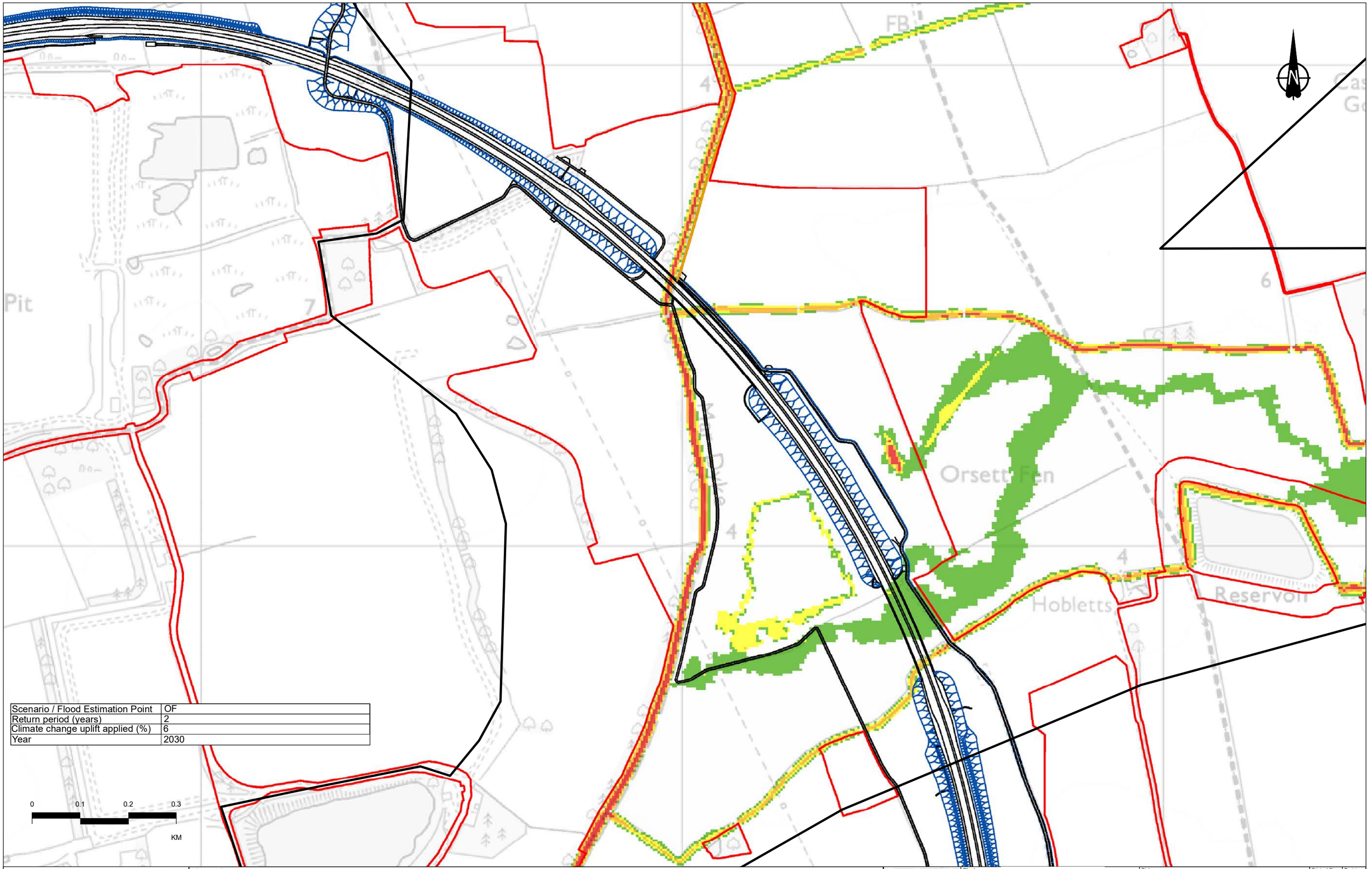
Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Post-development (without mitigation) Sheet 38 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00375



Scenario / Flood Estimation Point	OF
Return period (years)	2
Climate change uplift applied (%)	6
Year	2030

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Post-development (with mitigation) Sheet 1 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00376

Scenario / Flood Estimation Point	OF
Return period (years)	2
Climate change uplift applied (%)	11
Year	2030

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Post-development (with mitigation) Sheet 2 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00377

Scenario / Flood Estimation Point	OF
Return period (years)	2
Climate change uplift applied (%)	17
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Post-development (with mitigation) Sheet 3 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00378

Scenario / Flood Estimation Point	OF
Return period (years)	2
Climate change uplift applied (%)	26
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

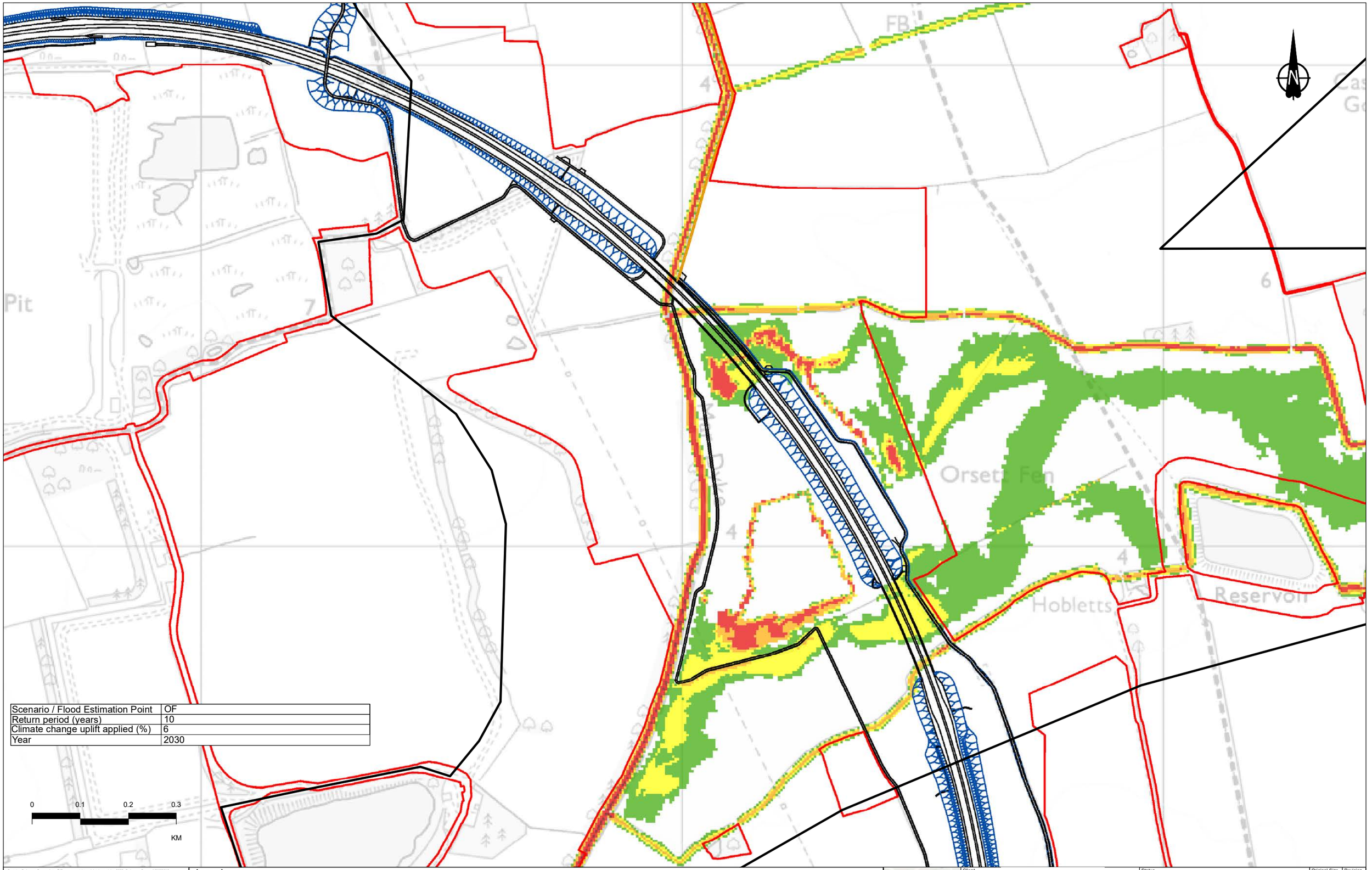
Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Post-development (with mitigation) Sheet 4 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00379



Scenario / Flood Estimation Point	OF
Return period (years)	10
Climate change uplift applied (%)	6
Year	2030

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

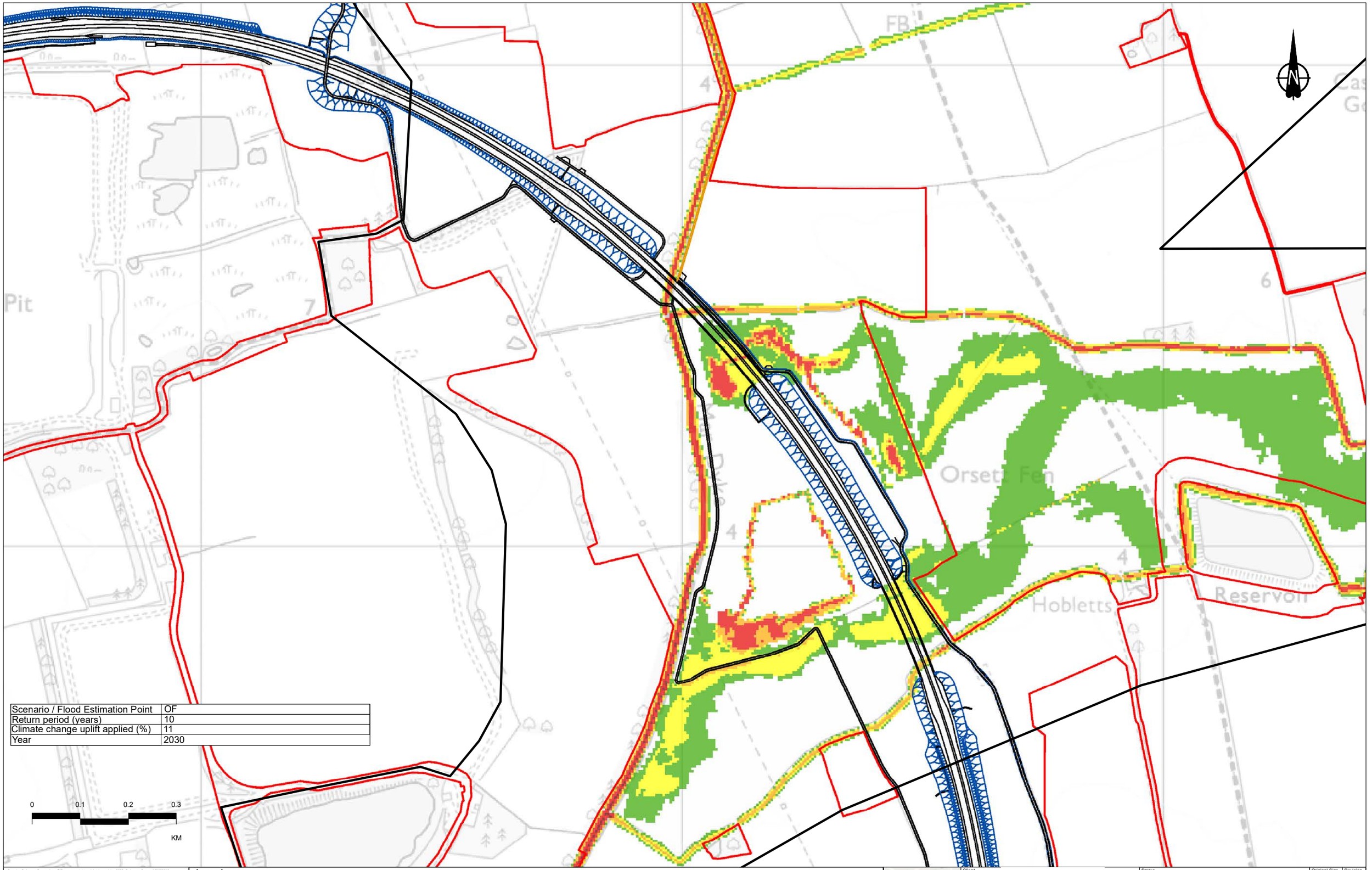
Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (with mitigation)
Sheet 5 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00380



Scenario / Flood Estimation Point	OF
Return period (years)	10
Climate change uplift applied (%)	11
Year	2030

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood depth (m)

- 0 - 0.25
- 0.25 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- > 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application

Original Size: A3

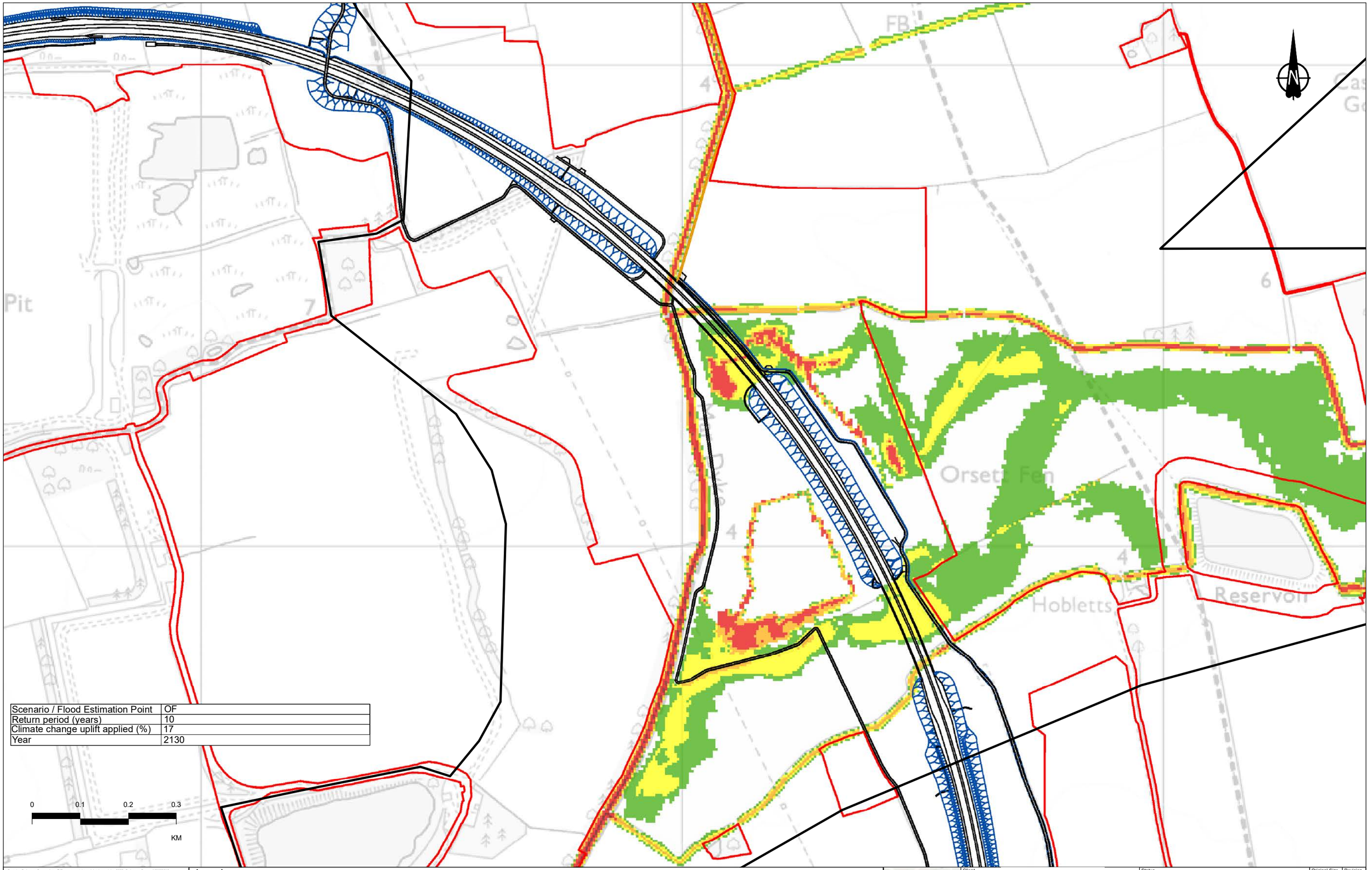
Revision: P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (with mitigation)
Sheet 6 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00381



Scenario / Flood Estimation Point	OF
Return period (years)	10
Climate change uplift applied (%)	17
Year	2130

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

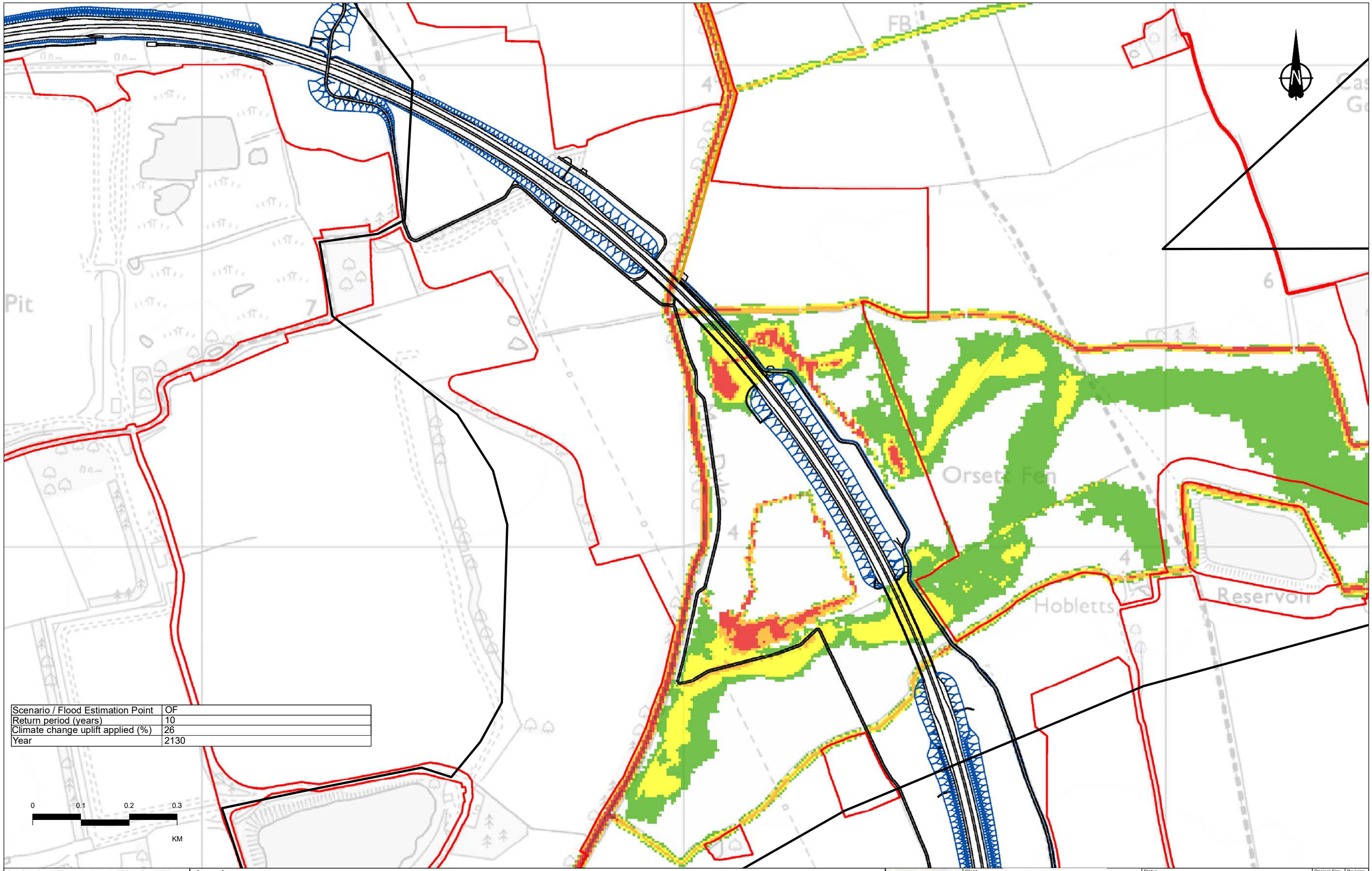
Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (with mitigation)
Sheet 7 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00382



Scenario / Flood Estimation Point	OF
Return period (years)	10
Climate change uplift applied (%)	26
Year	2130

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

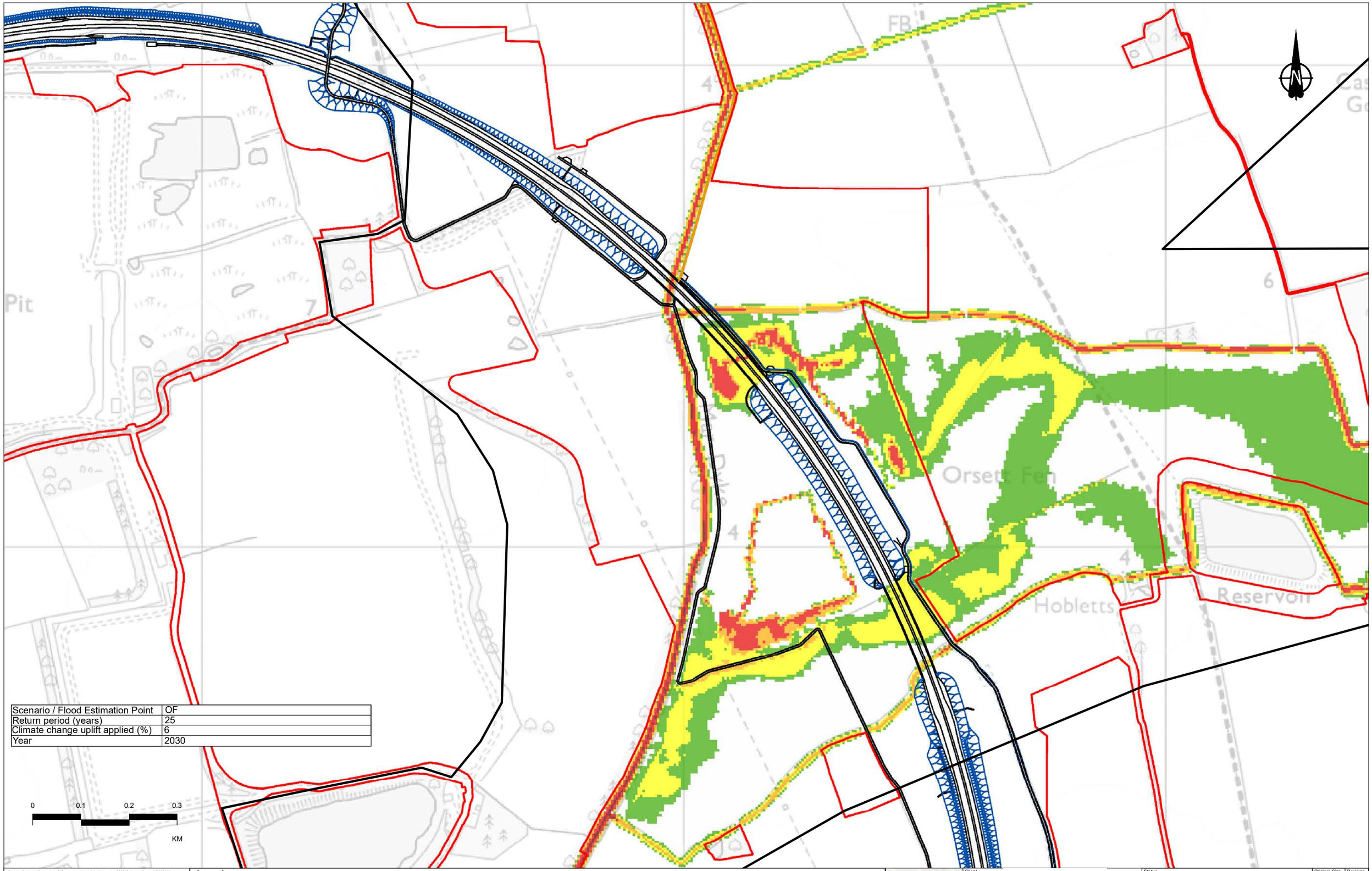
Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (with mitigation)
Sheet 8 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00383



Scenario / Flood Estimation Point	OF
Return period (years)	25
Climate change uplift applied (%)	6
Year	2030

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

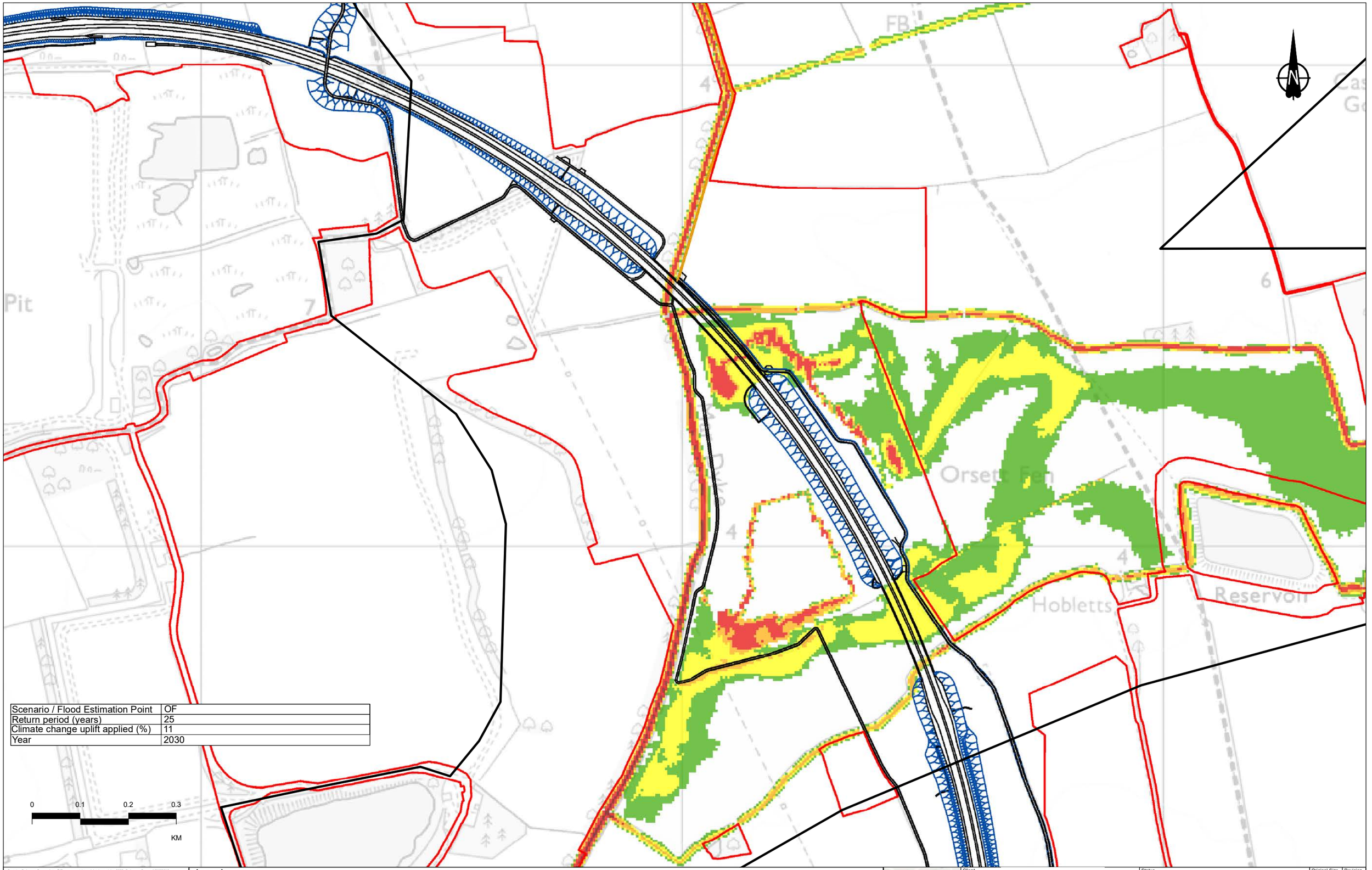
Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (with mitigation)
Sheet 9 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00384



Scenario / Flood Estimation Point	OF
Return period (years)	25
Climate change uplift applied (%)	11
Year	2030

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

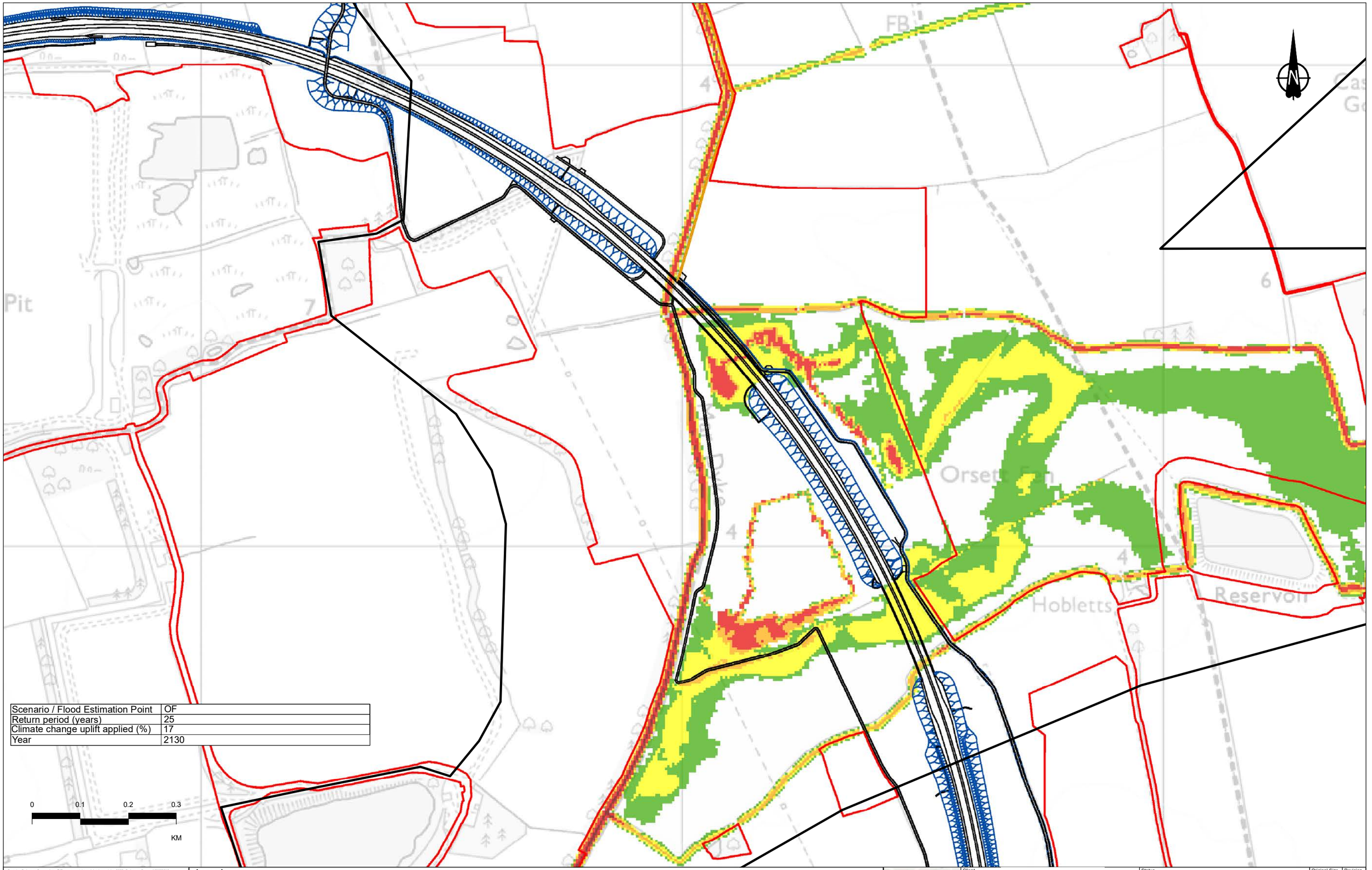
Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (with mitigation)
Sheet 10 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00385



Scenario / Flood Estimation Point	OF
Return period (years)	25
Climate change uplift applied (%)	17
Year	2130

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (with mitigation)
Sheet 11 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00386

Scenario / Flood Estimation Point	OF
Return period (years)	25
Climate change uplift applied (%)	26
Year	2130

0 0.1 0.2 0.3

KM

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood depth (m)

- 0 - 0.25
- 0.25 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- > 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application

Original Size: A3

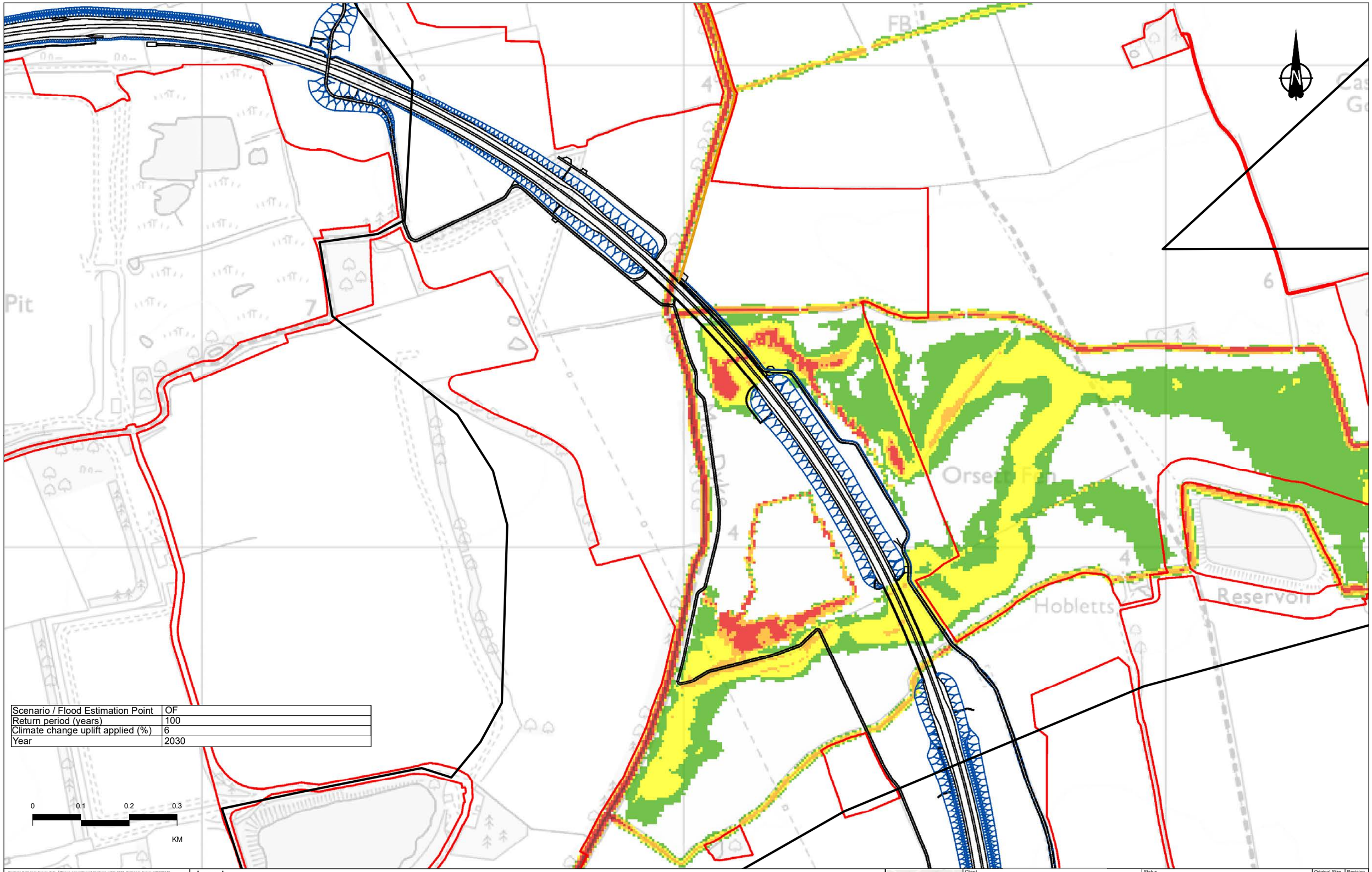
Revision: P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (with mitigation)
Sheet 12 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00387



Scenario / Flood Estimation Point	OF
Return period (years)	100
Climate change uplift applied (%)	6
Year	2030

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood depth (m)

- 0 - 0.25
- 0.25 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- > 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application

Original Size: A3

Revision: P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (with mitigation)
Sheet 13 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00388

Scenario / Flood Estimation Point	OF
Return period (years)	100
Climate change uplift applied (%)	11
Year	2030

0 0.1 0.2 0.3

KM

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood depth (m)

- 0 - 0.25
- 0.25 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- > 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application

Original Size: A3

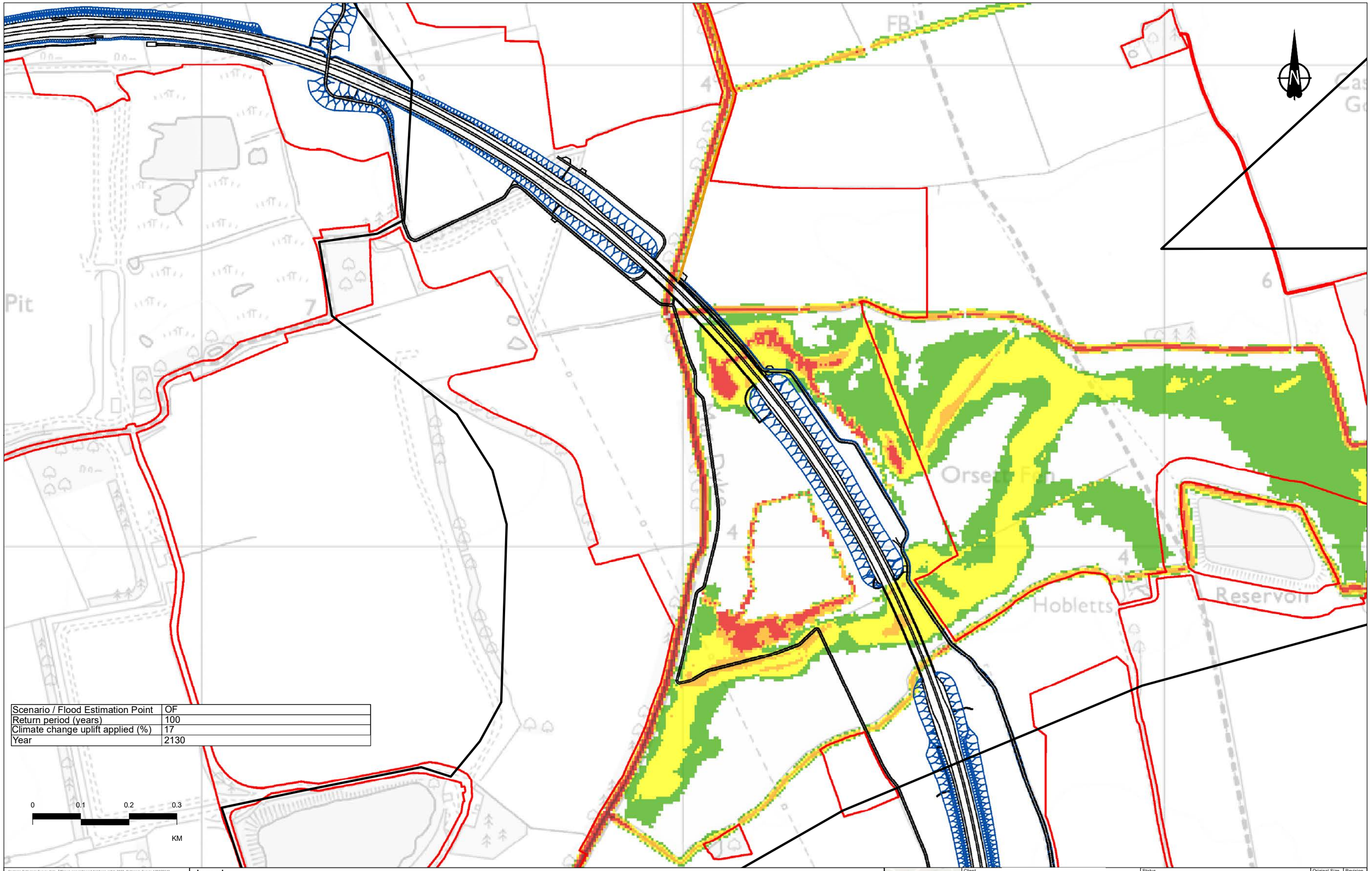
Revision: P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (with mitigation)
Sheet 14 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00389



Scenario / Flood Estimation Point	OF
Return period (years)	100
Climate change uplift applied (%)	17
Year	2130

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood depth (m)

- 0 - 0.25
- 0.25 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- > 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application

Original Size: A3

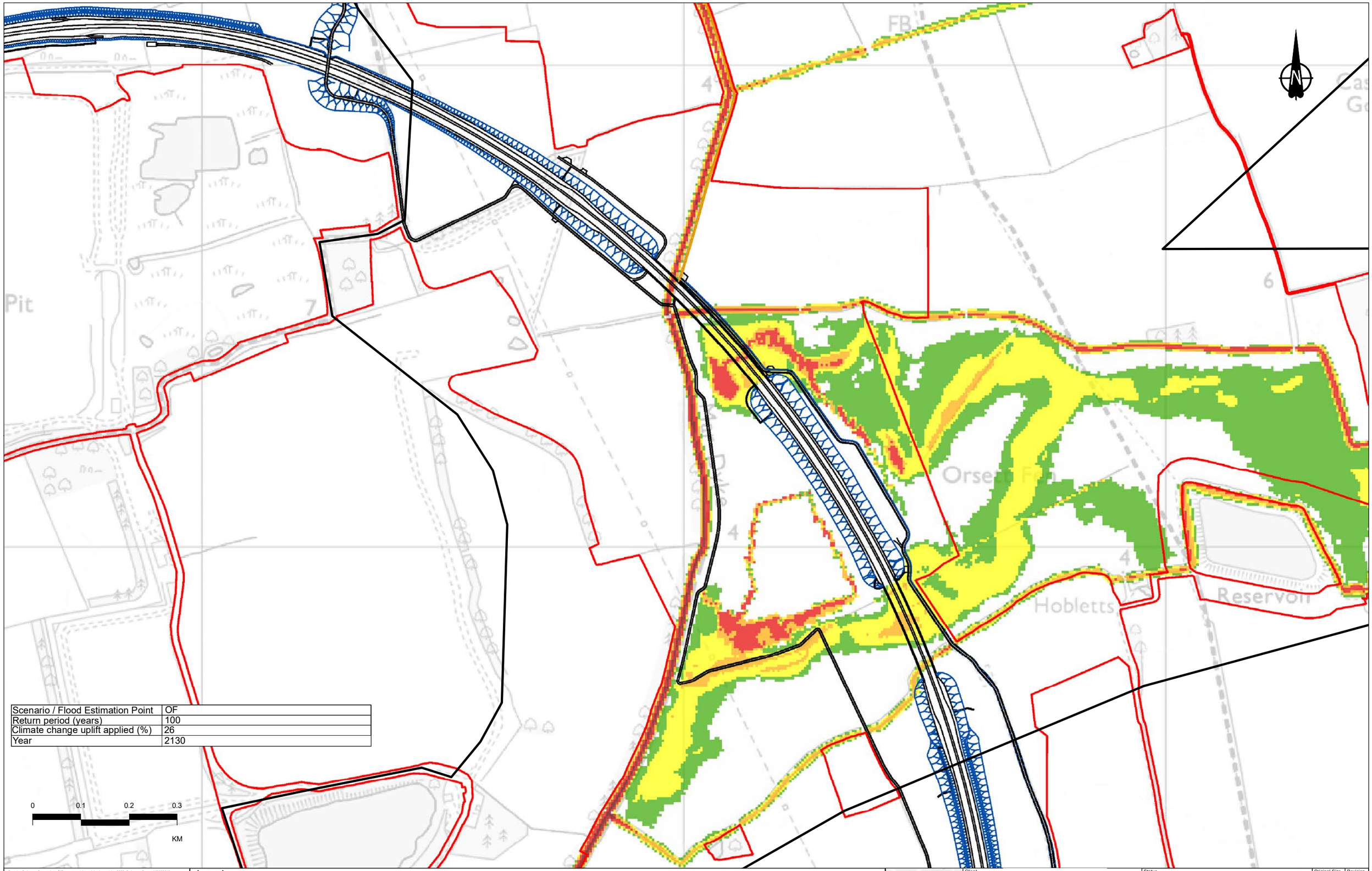
Revision: P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (with mitigation)
Sheet 15 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00390



Scenario / Flood Estimation Point	OF
Return period (years)	100
Climate change uplift applied (%)	26
Year	2130

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood depth (m)

- 0 - 0.25
- 0.25 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- > 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

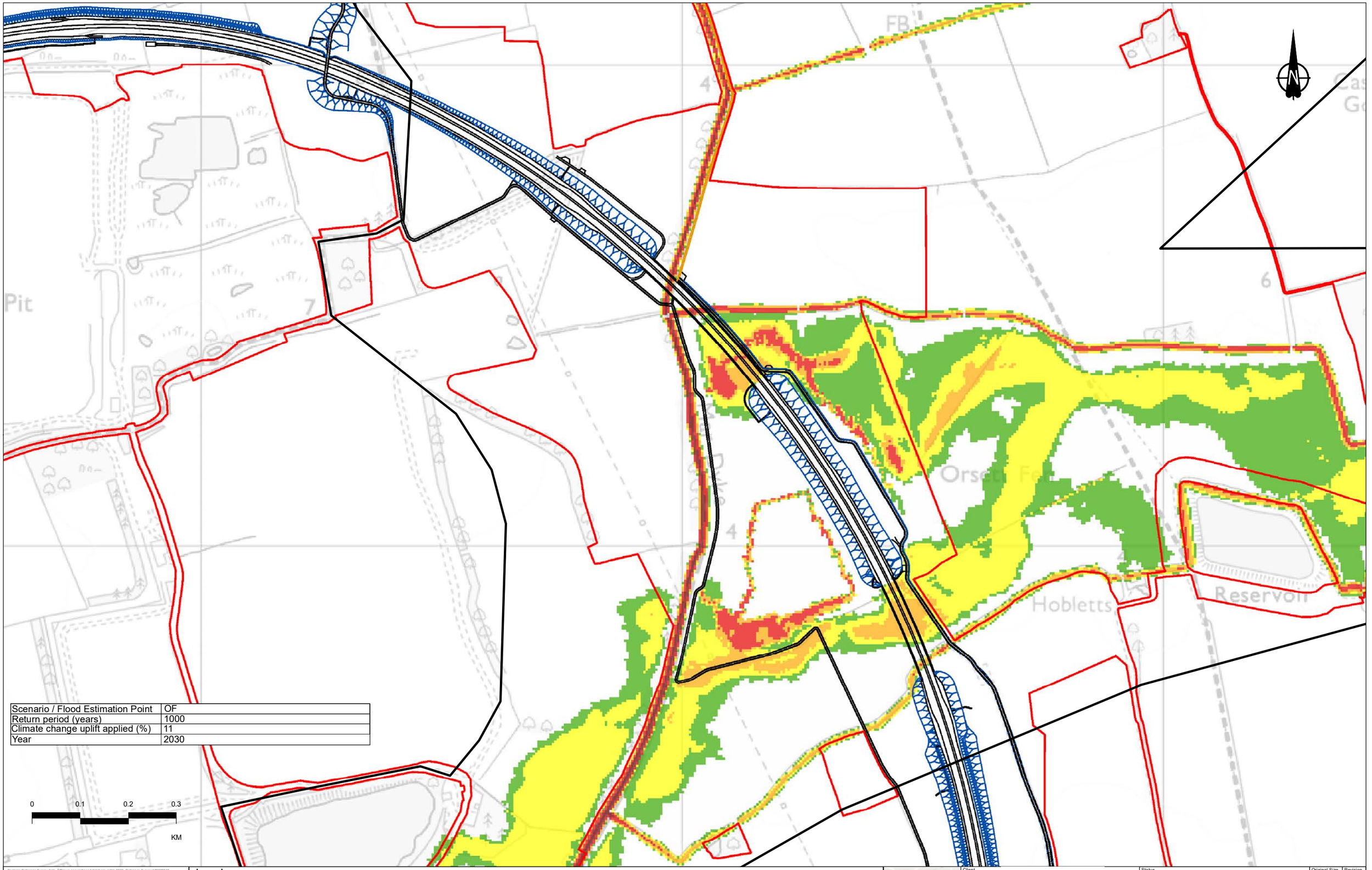
Status	Original Size	Revision
DCO Application	A3	P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (with mitigation)
Sheet 16 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00391



Scenario / Flood Estimation Point	OF
Return period (years)	1000
Climate change uplift applied (%)	11
Year	2030

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood depth (m)

- 0 - 0.25
- 0.25 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- > 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application

Original Size: A3

Revision: P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (with mitigation)
Sheet 17 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00392

Scenario / Flood Estimation Point	OF
Return period (years)	1000
Climate change uplift applied (%)	26
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (with mitigation)
Sheet 18 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00393

Scenario / Flood Estimation Point	OF
Return period (years)	1000
Climate change uplift applied (%)	48
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

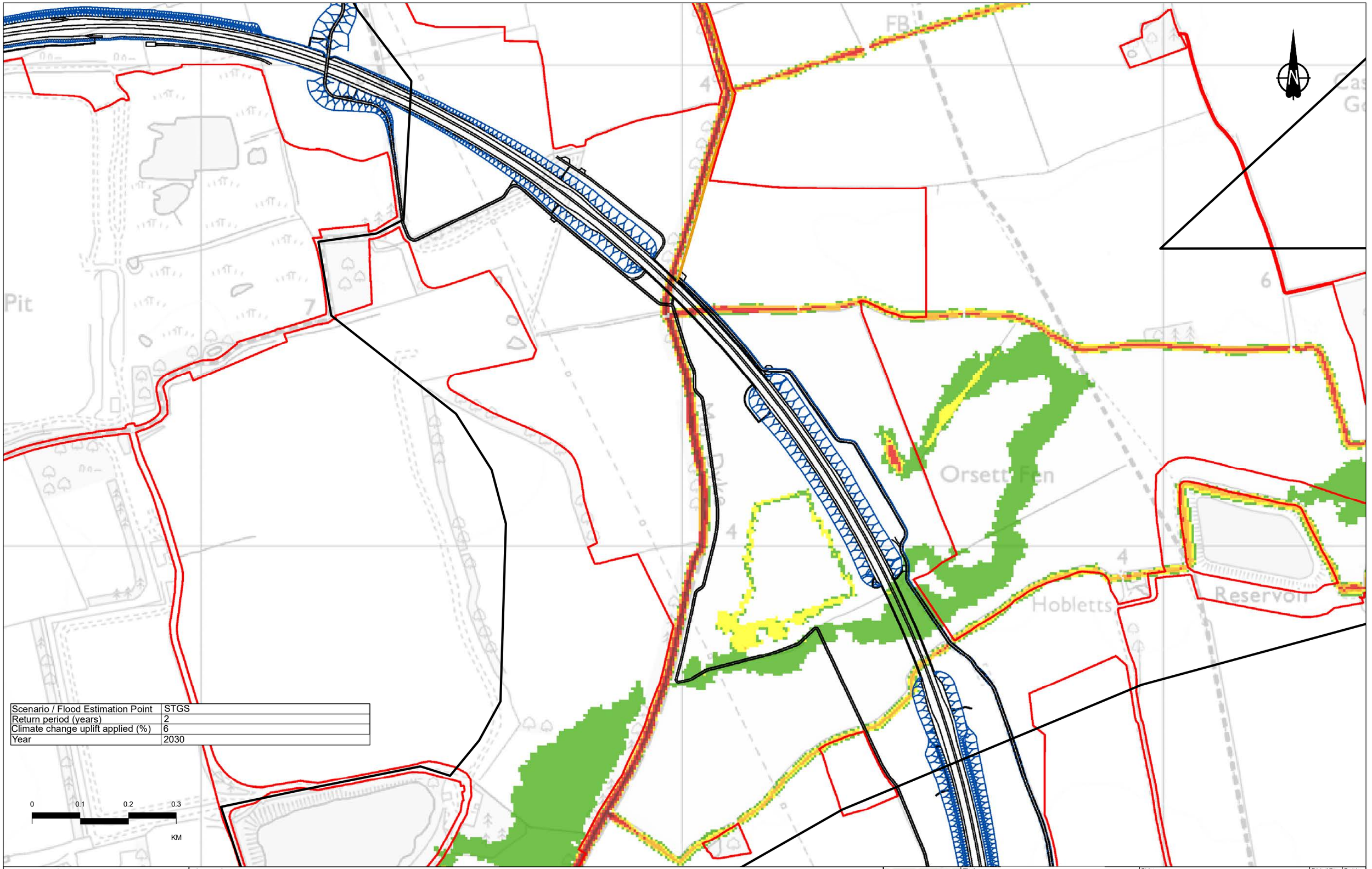
Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (with mitigation)
Sheet 19 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00394



Scenario / Flood Estimation Point	STGS
Return period (years)	2
Climate change uplift applied (%)	6
Year	2030

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood depth (m)

- 0 - 0.25
- 0.25 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- > 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application

Original Size: A3

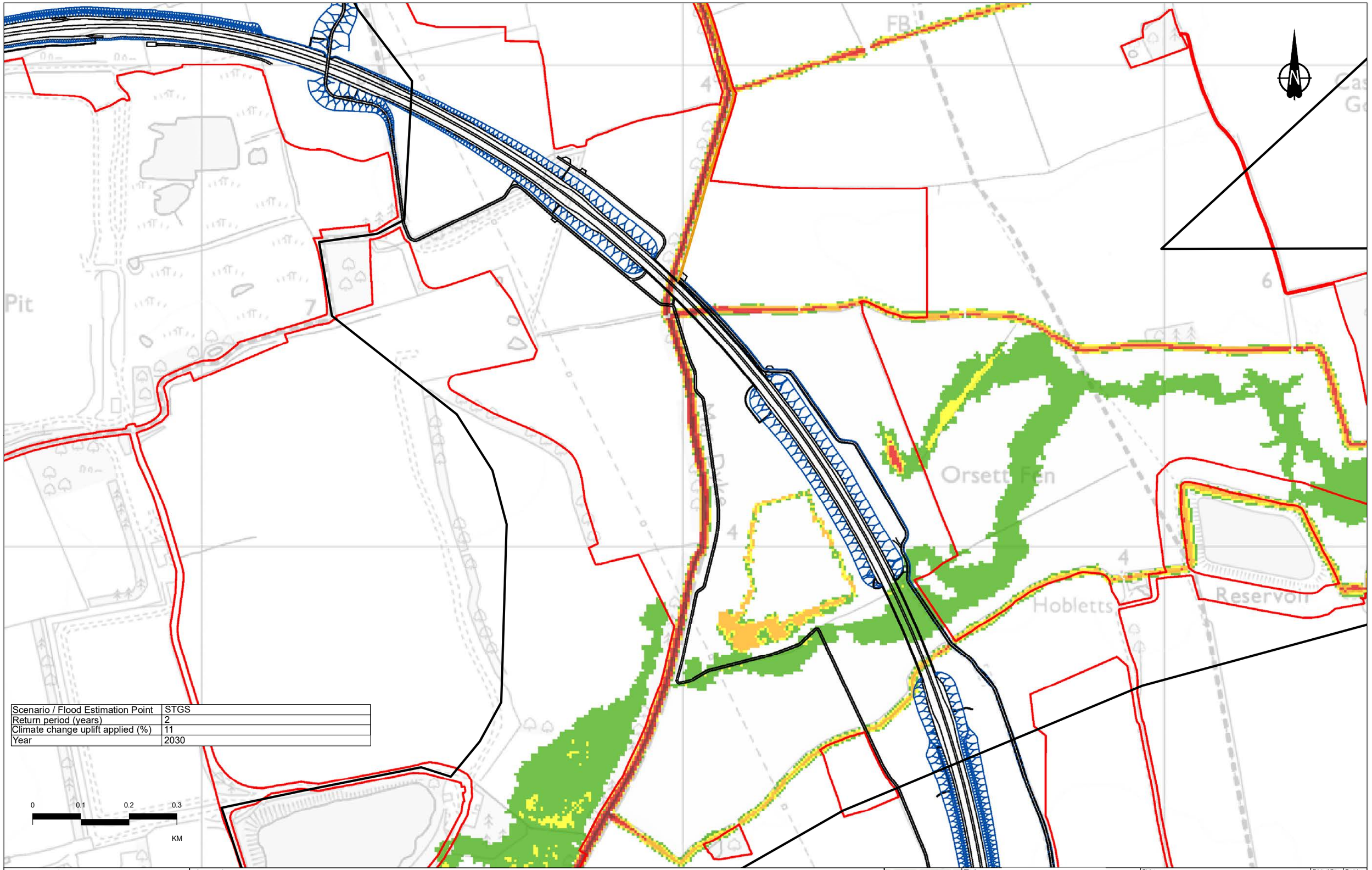
Revision: P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (with mitigation)
Sheet 20 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00395



Scenario / Flood Estimation Point	STGS
Return period (years)	2
Climate change uplift applied (%)	11
Year	2030

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood depth (m)

- 0 - 0.25
- 0.25 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- > 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application

Original Size: A3

Revision: P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (with mitigation)
Sheet 21 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00396

Scenario / Flood Estimation Point	STGS
Return period (years)	2
Climate change uplift applied (%)	17
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (with mitigation)
Sheet 22 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00397

Scenario / Flood Estimation Point	STGS
Return period (years)	2
Climate change uplift applied (%)	26
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Post-development (with mitigation) Sheet 23 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00398

Scenario / Flood Estimation Point	STGS
Return period (years)	10
Climate change uplift applied (%)	6
Year	2030

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (with mitigation)
Sheet 24 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00399

Scenario / Flood Estimation Point	STGS
Return period (years)	10
Climate change uplift applied (%)	11
Year	2030

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (with mitigation)
Sheet 25 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00400

Scenario / Flood Estimation Point	STGS
Return period (years)	10
Climate change uplift applied (%)	17
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (with mitigation)
Sheet 26 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00401

Scenario / Flood Estimation Point	STGS
Return period (years)	10
Climate change uplift applied (%)	26
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Post-development (with mitigation) Sheet 27 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00402

Scenario / Flood Estimation Point	STGS
Return period (years)	25
Climate change uplift applied (%)	6
Year	2030

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (with mitigation)
Sheet 28 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00403

Scenario / Flood Estimation Point	STGS
Return period (years)	25
Climate change uplift applied (%)	11
Year	2030

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Post-development (with mitigation) Sheet 29 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00404

Scenario / Flood Estimation Point	STGS
Return period (years)	25
Climate change uplift applied (%)	17
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (with mitigation)
Sheet 30 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00405

Scenario / Flood Estimation Point	STGS
Return period (years)	25
Climate change uplift applied (%)	26
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (with mitigation)
Sheet 31 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00406

Scenario / Flood Estimation Point	STGS
Return period (years)	100
Climate change uplift applied (%)	6
Year	2030

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000

Drawing title:
Mardyke Modelling Results
Maximum flood depth
Post-development (with mitigation)
Sheet 32 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00407

Scenario / Flood Estimation Point	STGS
Return period (years)	100
Climate change uplift applied (%)	11
Year	2030

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (with mitigation)
Sheet 33 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00408

Scenario / Flood Estimation Point	STGS
Return period (years)	100
Climate change uplift applied (%)	17
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (with mitigation)
Sheet 34 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00409

Scenario / Flood Estimation Point	STGS
Return period (years)	100
Climate change uplift applied (%)	26
Year	2130

0 0.1 0.2 0.3

KM

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood depth (m)

- 0 - 0.25
- 0.25 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- > 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application

Original Size: A3

Revision: P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (with mitigation)
Sheet 35 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00410

Scenario / Flood Estimation Point	STGS
Return period (years)	1000
Climate change uplift applied (%)	11
Year	2030

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (with mitigation)
Sheet 36 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00411

Scenario / Flood Estimation Point	STGS
Return period (years)	1000
Climate change uplift applied (%)	26
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000

Drawing title: Mardyke Modelling Results
Maximum flood depth
Post-development (with mitigation)
Sheet 37 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00412

Scenario / Flood Estimation Point	STGS
Return period (years)	1000
Climate change uplift applied (%)	48
Year	2130

0 0.1 0.2 0.3

KM

Legend

2D model extent
Order Limits

Proposed LTC alignment
Alignment
Earthworks
NMU Routes

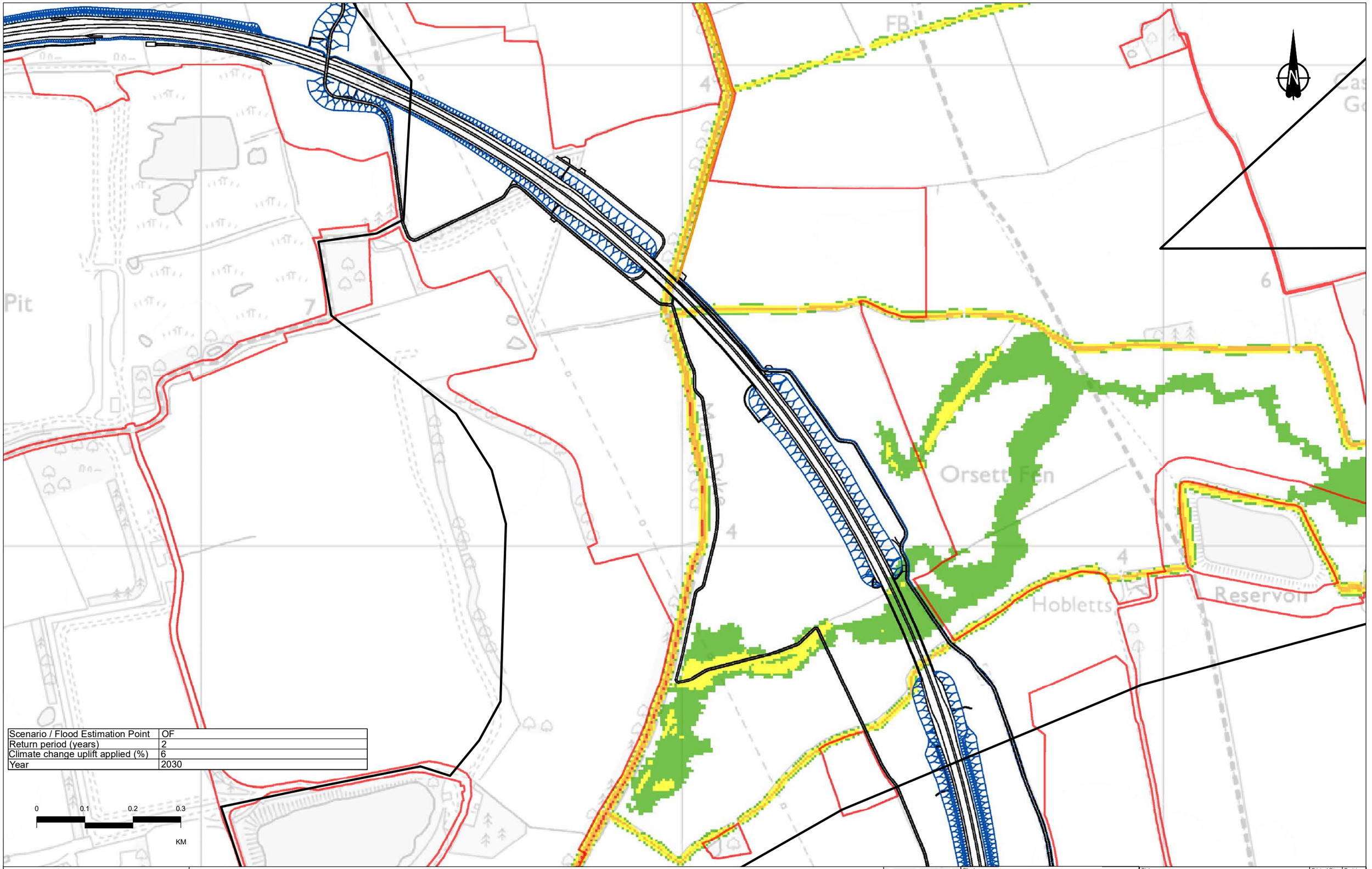
Maximum flood depth (m)
0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	KK	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: Mardyke Modelling Results Maximum flood depth Post-development (with mitigation) Sheet 38 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00413



Scenario / Flood Estimation Point	OF
Return period (years)	2
Climate change uplift applied (%)	6
Year	2030

Legend

- 2D model extent
- Order Limits

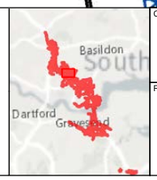
Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood hazard category

- Very low hazard
- Danger for some
- Danger for most
- Danger for all

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	NT	RB	BF



Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application

Original Size: A3

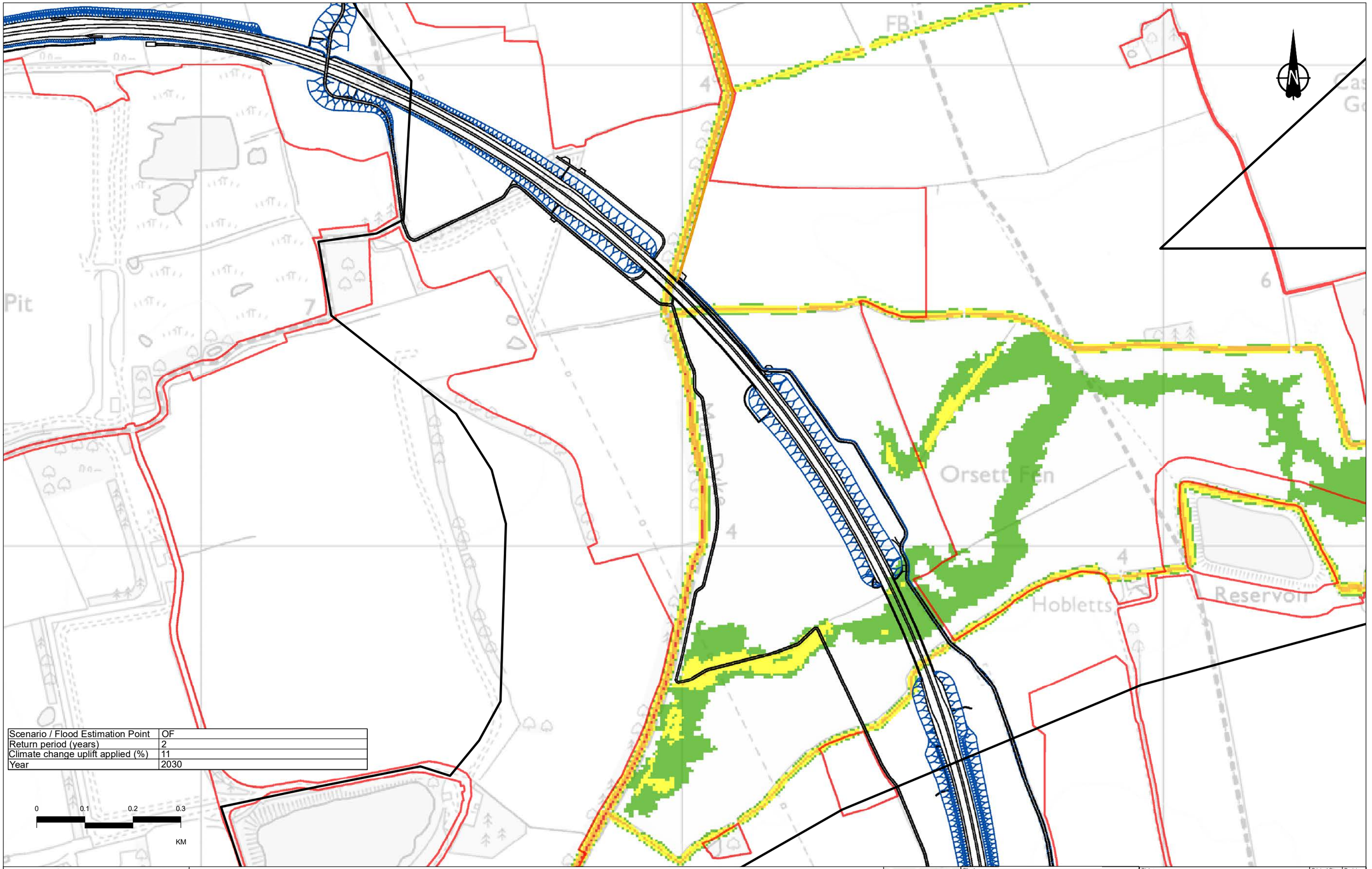
Revision: P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: FRA - Mardyke Modelling Results
Maximum flood hazard category
Pre-development
Sheet 1 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00414



Scenario / Flood Estimation Point	OF
Return period (years)	2
Climate change uplift applied (%)	11
Year	2030

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood hazard category

- Very low hazard
- Danger for some
- Danger for most
- Danger for all

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	NT	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status	Original Size	Revision
DCO Application	A3	P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: FRA - Mardyke Modelling Results
Maximum flood hazard category
Pre-development
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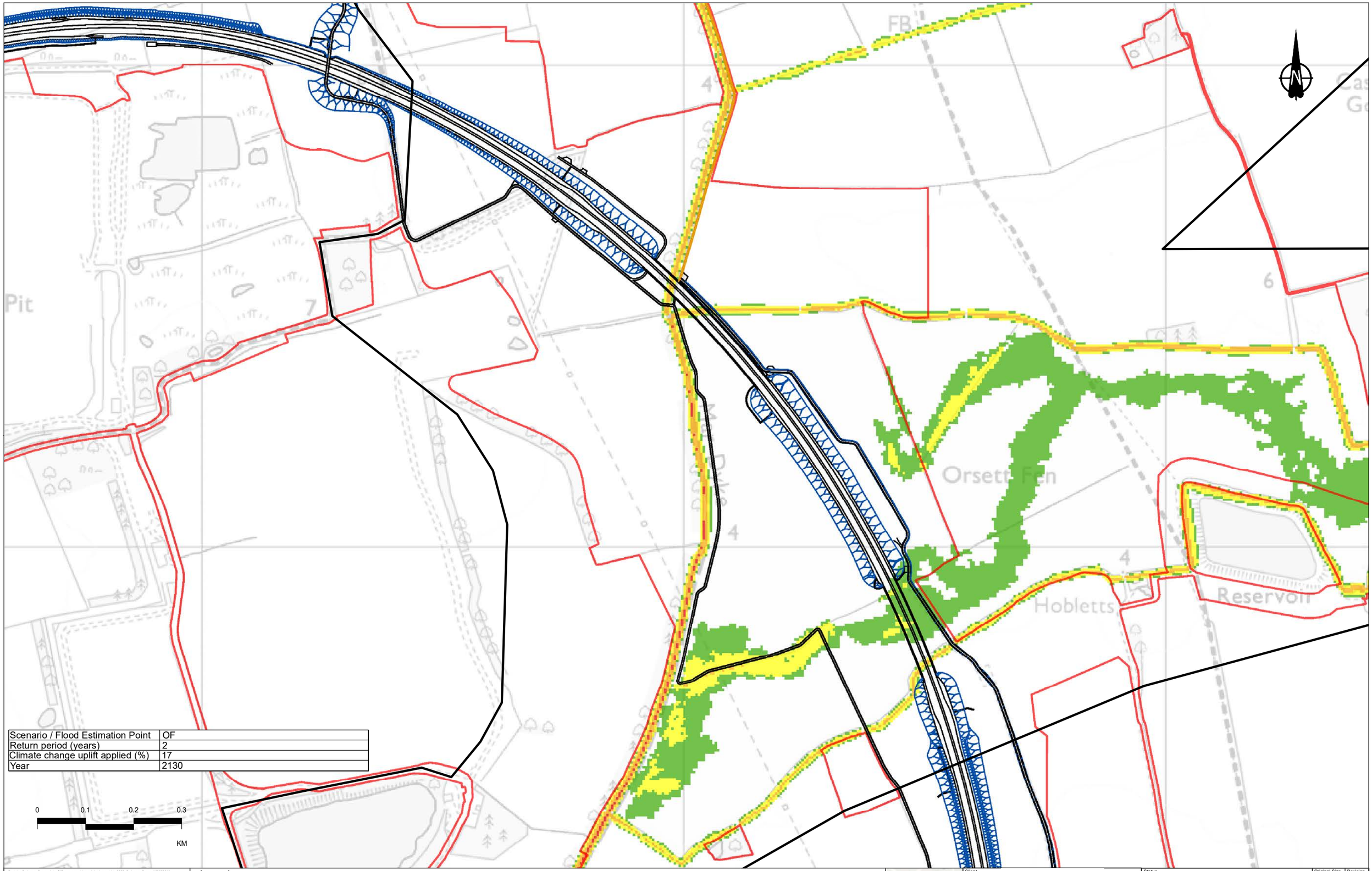
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00415



Scenario / Flood Estimation Point	OF
Return period (years)	2
Climate change uplift applied (%)	17
Year	2130

0 0.1 0.2 0.3

KM

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood hazard category

- Very low hazard
- Danger for some
- Danger for most
- Danger for all

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	NT	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application

Original Size: A3

Revision: P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: FRA - Mardyke Modelling Results
Maximum flood hazard category
Pre-development
Sheet 3 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00416

Scenario / Flood Estimation Point	OF
Return period (years)	2
Climate change uplift applied (%)	26
Year	2130

0 0.1 0.2 0.3

KM

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood hazard category

- Very low hazard
- Danger for some
- Danger for most
- Danger for all

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	NT	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application

Original Size: A3

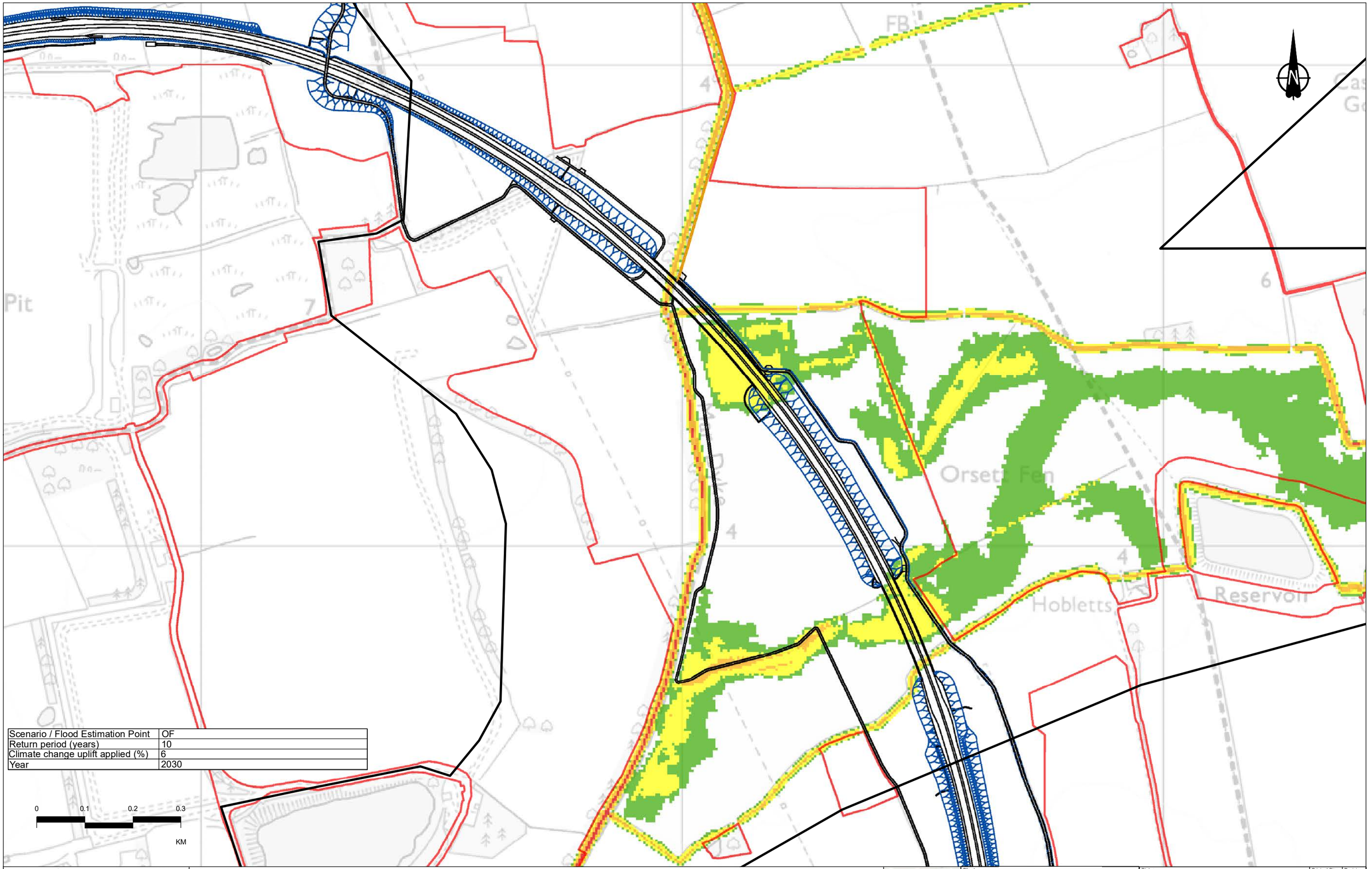
Revision: P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: FRA - Mardyke Modelling Results
Maximum flood hazard category
Pre-development
Sheet 4 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00417



Scenario / Flood Estimation Point	OF
Return period (years)	10
Climate change uplift applied (%)	6
Year	2030

Legend

- 2D model extent
- Order Limits

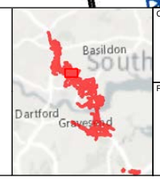
Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood hazard category

- Very low hazard
- Danger for some
- Danger for most
- Danger for all

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	NT	RB	BF



Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application

Original Size: A3

Revision: P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: FRA - Mardyke Modelling Results
Maximum flood hazard category
Pre-development
Sheet 5 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00418

Scenario / Flood Estimation Point	OF
Return period (years)	10
Climate change uplift applied (%)	11
Year	2030

0 0.1 0.2 0.3

KM

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood hazard category

- Very low hazard
- Danger for some
- Danger for most
- Danger for all

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	NT	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

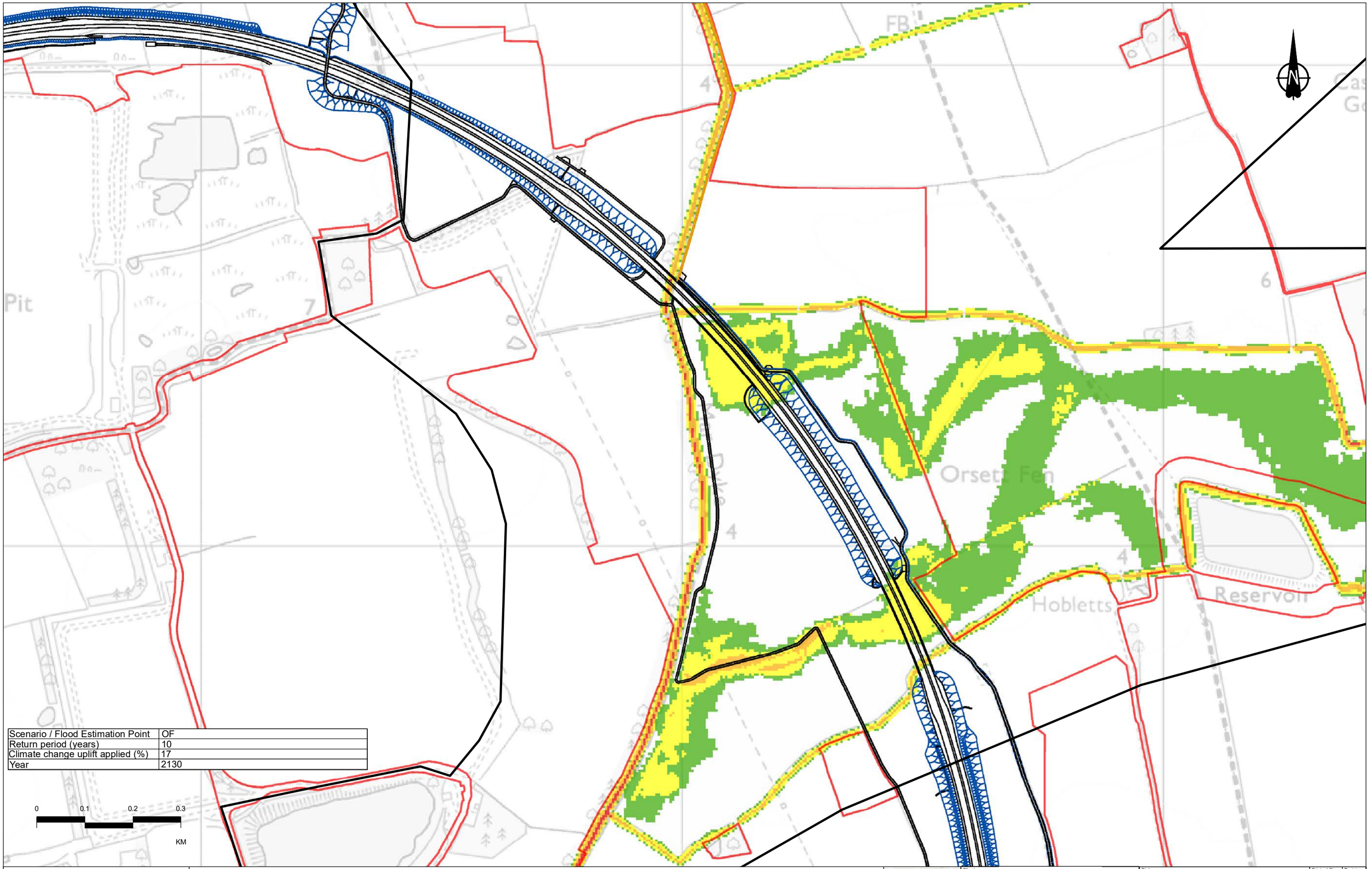
Status	Original Size	Revision
DCO Application	A3	P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: FRA - Mardyke Modelling Results
Maximum flood hazard category
Pre-development
Sheet 6 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00419



Scenario / Flood Estimation Point	OF
Return period (years)	10
Climate change uplift applied (%)	17
Year	2130

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood hazard category

- Very low hazard
- Danger for some
- Danger for most
- Danger for all

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	NT	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application

Original Size: A3

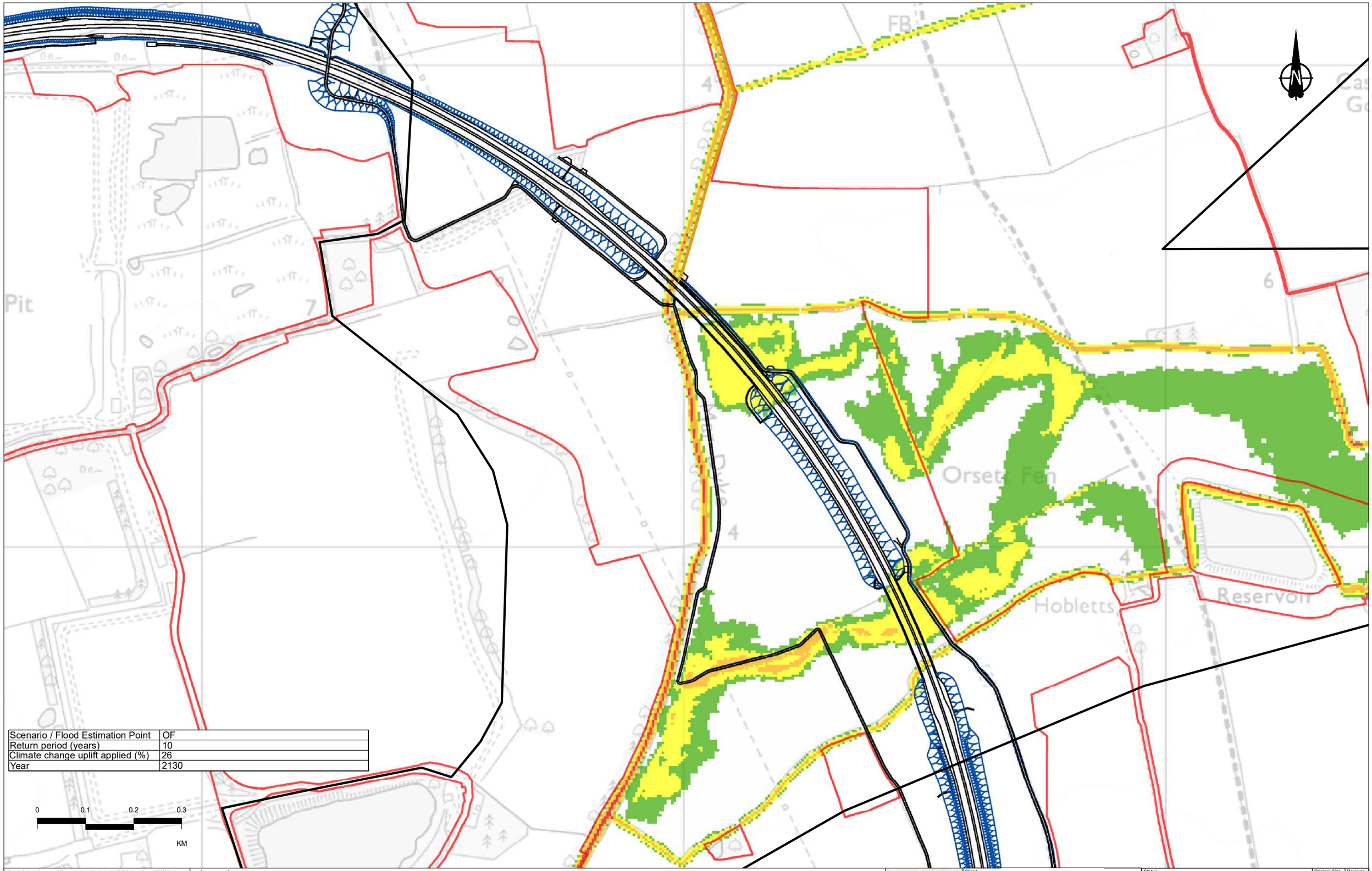
Revision: P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: FRA - Mardyke Modelling Results
Maximum flood hazard category
Pre-development
Sheet 7 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00420



Scenario / Flood Estimation Point	OF
Return period (years)	10
Climate change uplift applied (%)	26
Year	2130

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood hazard category

- Very low hazard
- Danger for some
- Danger for most
- Danger for all

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	NT	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application

Original Size: A3

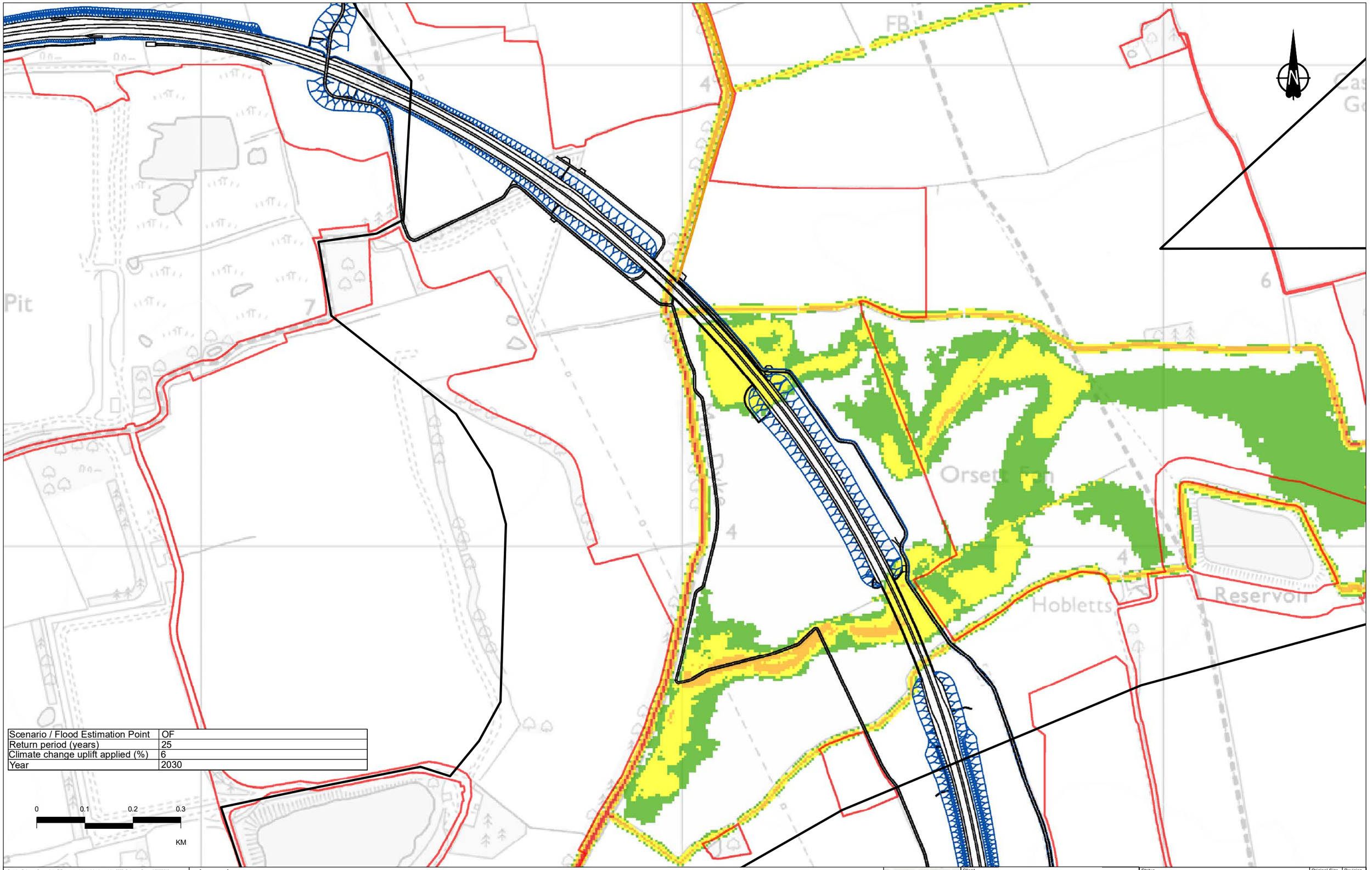
Revision: P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: FRA - Mardyke Modelling Results
Maximum flood hazard category
Pre-development
Sheet 8 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00421



Scenario / Flood Estimation Point	OF
Return period (years)	25
Climate change uplift applied (%)	6
Year	2030

Legend

- 2D model extent
- Order Limits

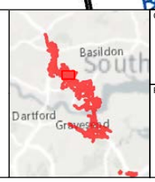
Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood hazard category

- Very low hazard
- Danger for some
- Danger for most
- Danger for all

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	NT	RB	BF



Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application

Original Size: A3

Revision: P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: FRA - Mardyke Modelling Results
Maximum flood hazard category
Pre-development
Sheet 9 of 38

Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00422

Scenario / Flood Estimation Point	OF
Return period (years)	25
Climate change uplift applied (%)	11
Year	2030

0 0.1 0.2 0.3

KM

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood hazard category

- Very low hazard
- Danger for some
- Danger for most
- Danger for all

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	NT	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application

Original Size: A3

Revision: P01

Application Document Number: TR010032/APP/6.3

Scale: 1:7,000

Drawing title: FRA - Mardyke Modelling Results
Maximum flood hazard category
Pre-development
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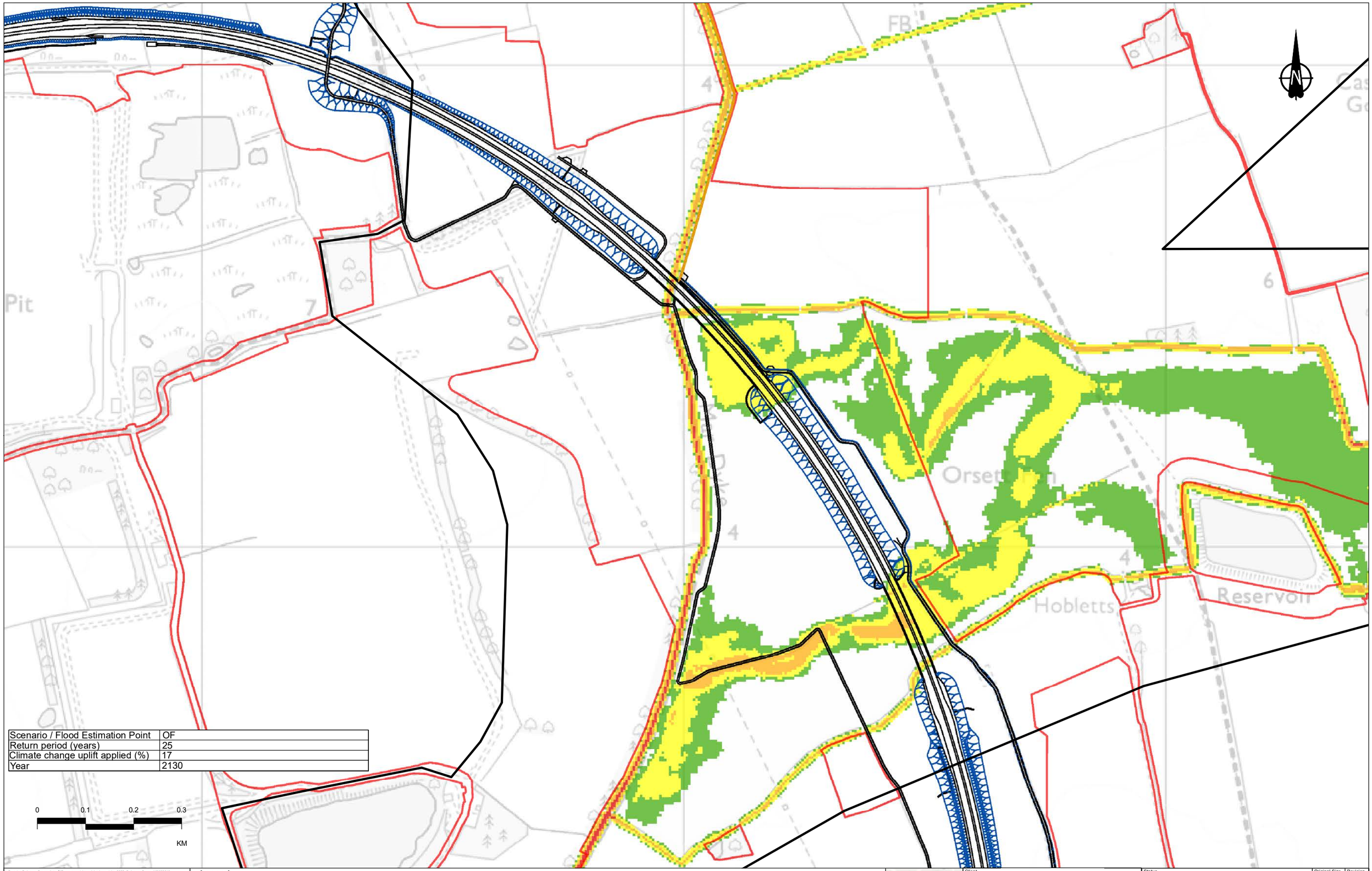
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00423



Scenario / Flood Estimation Point	OF
Return period (years)	25
Climate change uplift applied (%)	17
Year	2130

0 0.1 0.2 0.3
KM

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood hazard category

- Very low hazard
- Danger for some
- Danger for most
- Danger for all

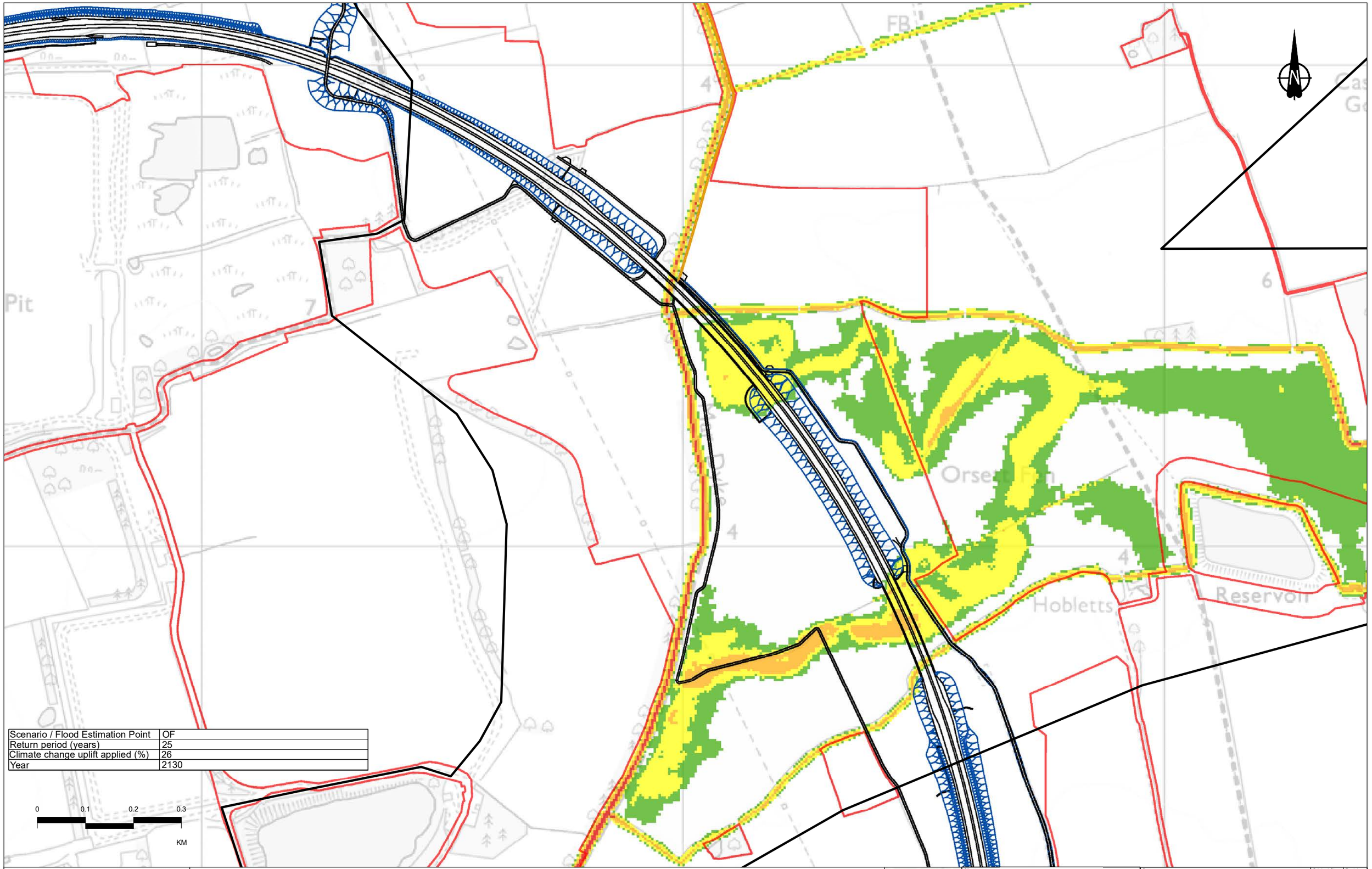
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	NT	RB	BF

Basildon
South
Dartford
Gravesend

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000
Drawing title: FRA - Mardyke Modelling Results
Maximum flood hazard category
Pre-development
Sheet 11 of 38
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00424



Scenario / Flood Estimation Point	OF
Return period (years)	25
Climate change uplift applied (%)	26
Year	2130

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood hazard category

- Very low hazard
- Danger for some
- Danger for most
- Danger for all

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	NT	RB	BF

Basildon
South
Dartford
Gravesend

Client: national highways

Project: LOWER THAMES CROSSING

Status: DCO Application
Original Size: A3
Revision: P01
Application Document Number: TR010032/APP/6.3
Scale: 1:7,000

Drawing title: FRA - Mardyke Modelling Results
Maximum flood hazard category
Pre-development
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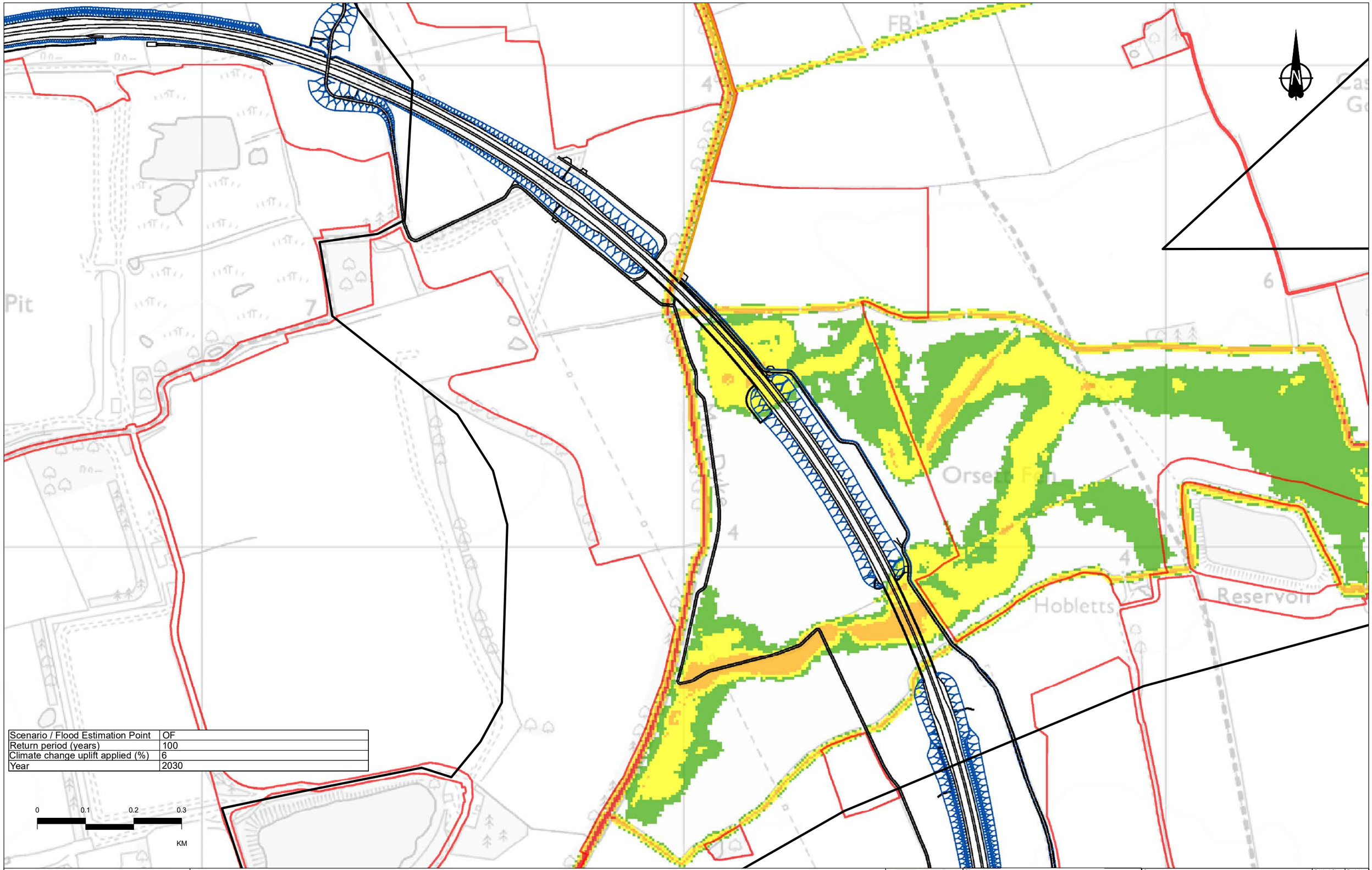
Drawing number: HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00425



Scenario / Flood Estimation Point	OF
Return period (years)	100
Climate change uplift applied (%)	6
Year	2030

Legend

- 2D model extent
- Order Limits

Proposed LTC alignment

- Alignment
- Earthworks
- NMU Routes

Maximum flood hazard category

- Very low hazard
- Danger for some
- Danger for most
- Danger for all

Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd
P01	S8	10/10/2022	DCO Application	NT	RB	BF

Client: national highways

Project: LOWER THAMES CROSSING

Status	DCO Application
Original Size	A3
Revision	P01
Application Document Number	TR010032/APP/6.3
Scale	1:7,000
Drawing title	FRA - Mardyke Modelling Results Maximum flood hazard category Pre-development Sheet 13 of 38
Drawing number	HE540039-CJV-EFR-SZP_GNZZZZZZZZ-DR-LF-00426

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