



The Sizewell C Project

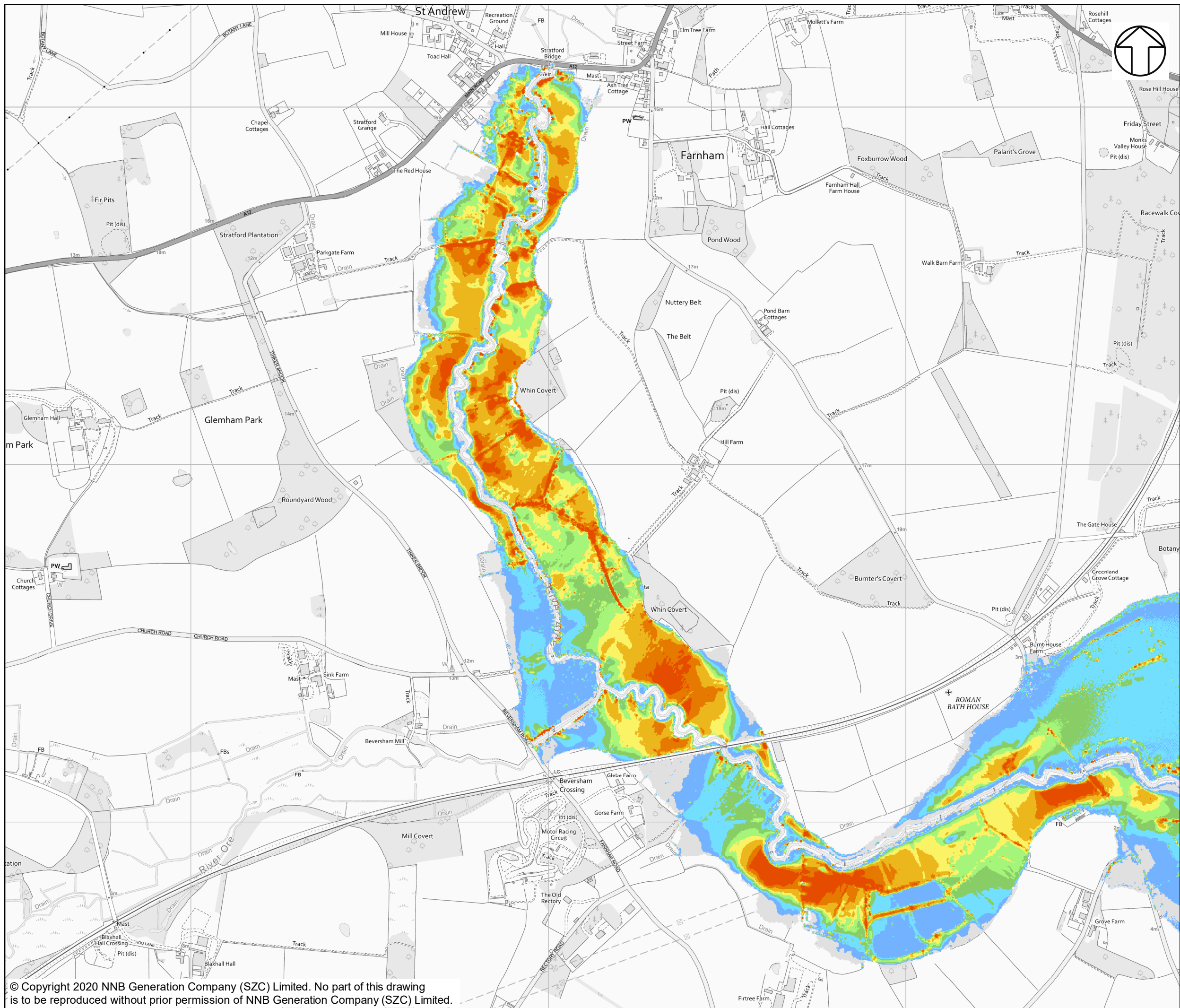
5.5 Two Village Bypass Flood Risk Assessment Appendix A Two Village Bypass Modelling Report - Appendix A Part 2 of 2

Revision: 1.0
Applicable Regulation: Regulation 5(2)(e)
PINS Reference Number: EN010012

May 2020

Planning Act 2008
Infrastructure Planning (Applications: Prescribed
Forms and Procedure) Regulations 2009



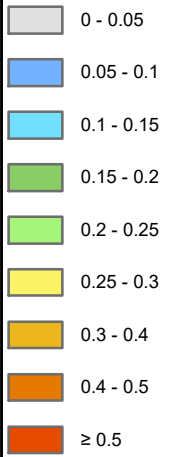


NOTES

KEY

BASELINE 100YR +65CC

FLOOD VELOCITY (M/S)



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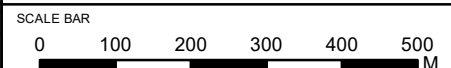


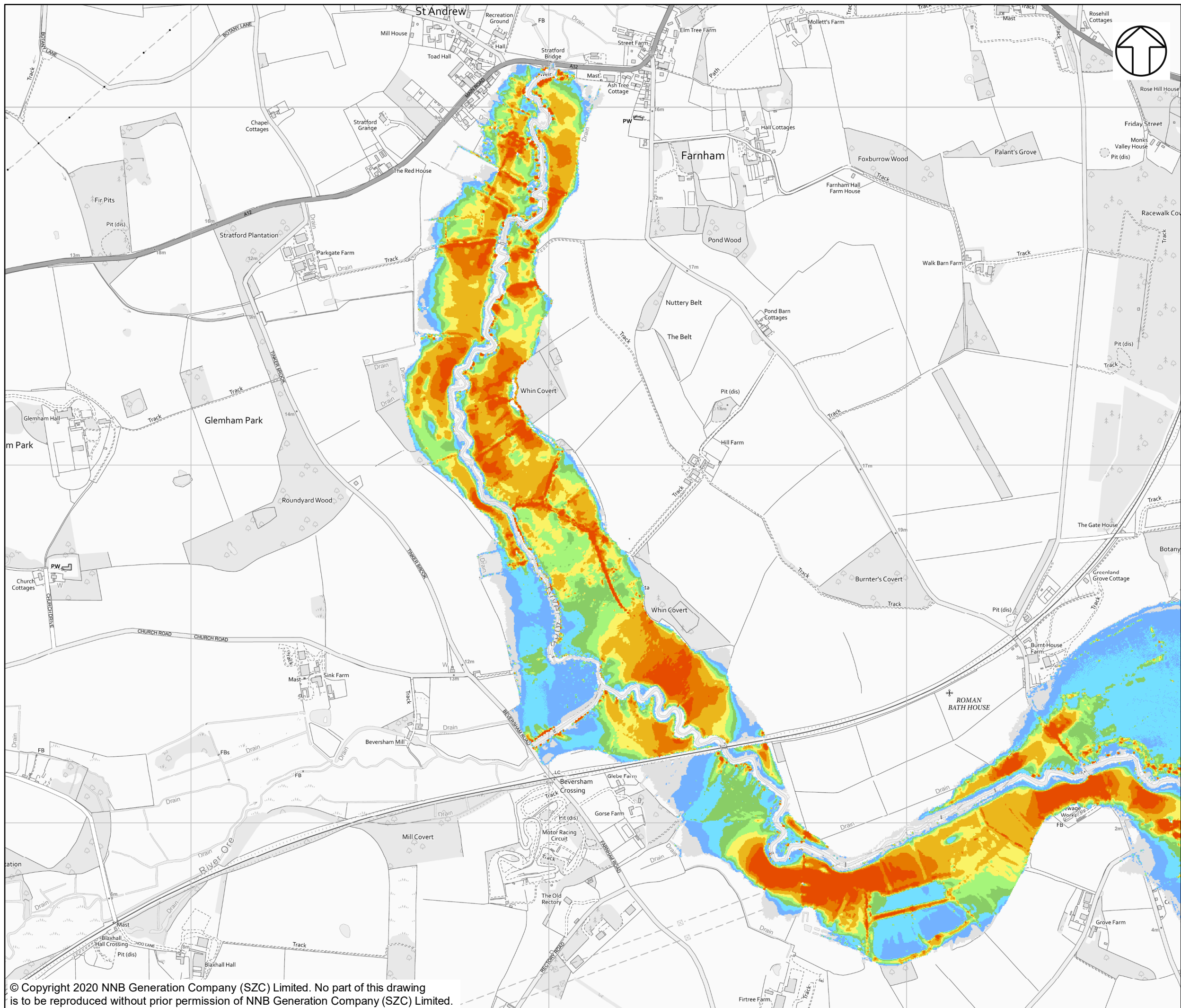
DOCUMENT:
 SIZEWELL C
 TWO VILLAGE BYPASS
 FLUVIAL MODEL RESULTS

DRAWING TITLE:
 BASELINE FLOOD VELOCITY
 100 YEAR +65CC

DRAWING NO:
 FIGURE A.15

DATE: JAN 2020 **DRAWN:** P.S. **SCALE:** 1:10,000 @A3





NOTES

KEY

BASELINE 1000YR PRESENT DAY

FLOOD VELOCITY (M/S)

- 0 - 0.05
- 0.05 - 0.1
- 0.1 - 0.15
- 0.15 - 0.2
- 0.2 - 0.25
- 0.25 - 0.3
- 0.3 - 0.4
- 0.4 - 0.5
- ≥ 0.5

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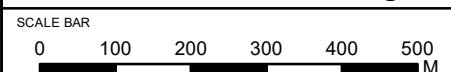


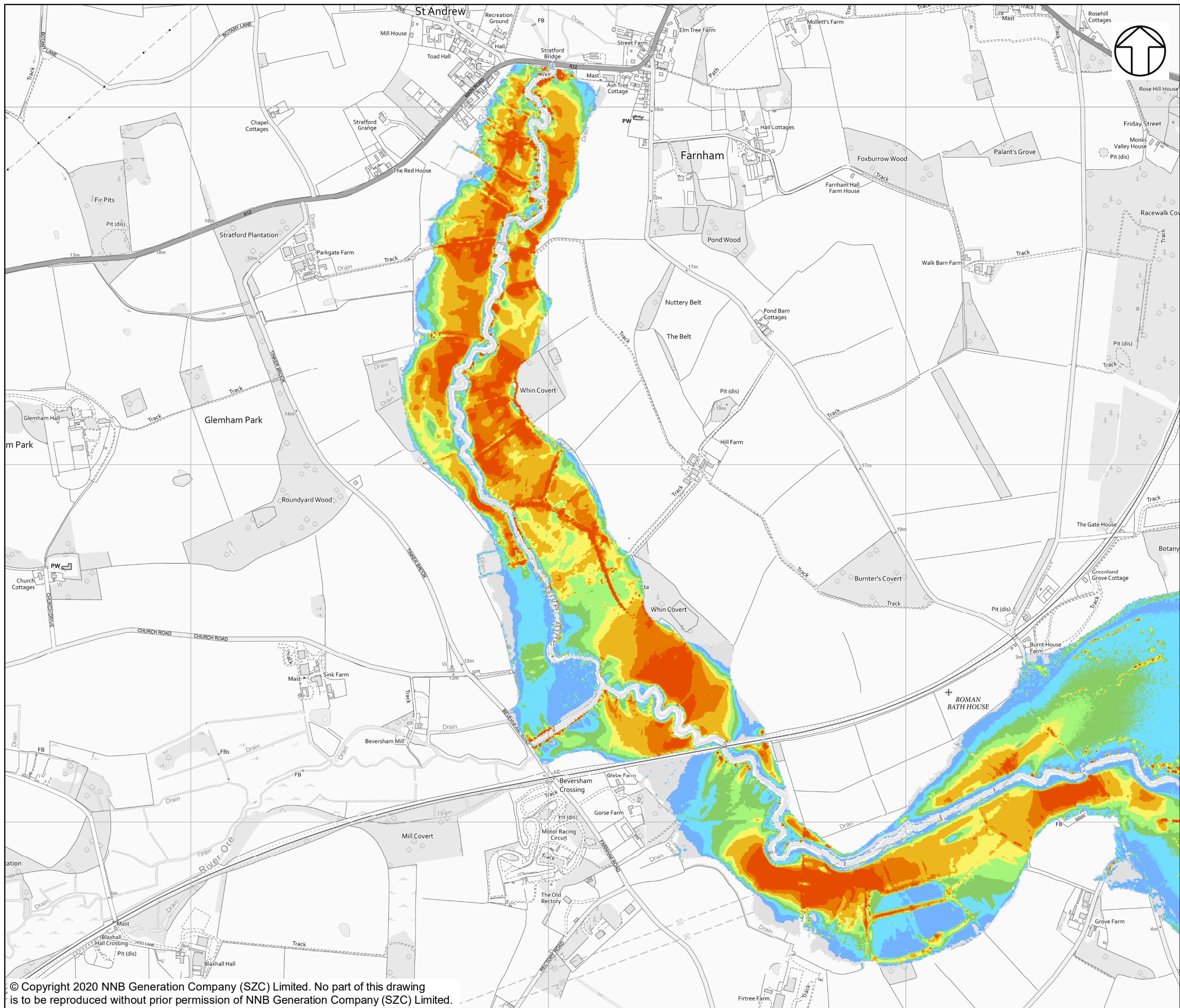
DOCUMENT:
 SIZEWELL C
 TWO VILLAGE BYPASS
 FLUVIAL MODEL RESULTS

DRAWING TITLE:
 BASELINE FLOOD VELOCITY
 1000 YEAR PRESENT DAY

DRAWING NO:
 FIGURE A.16

DATE: JAN 2020 DRAWN: P.S. SCALE: 1:10,000 @A3



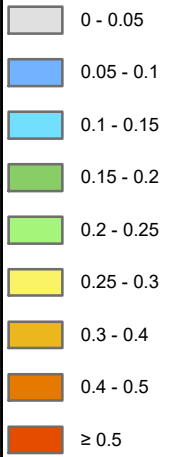


NOTES

KEY

BASELINE 1000YR +35CC

FLOOD VELOCITY (M/S)



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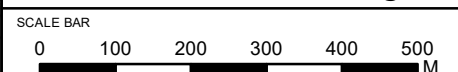


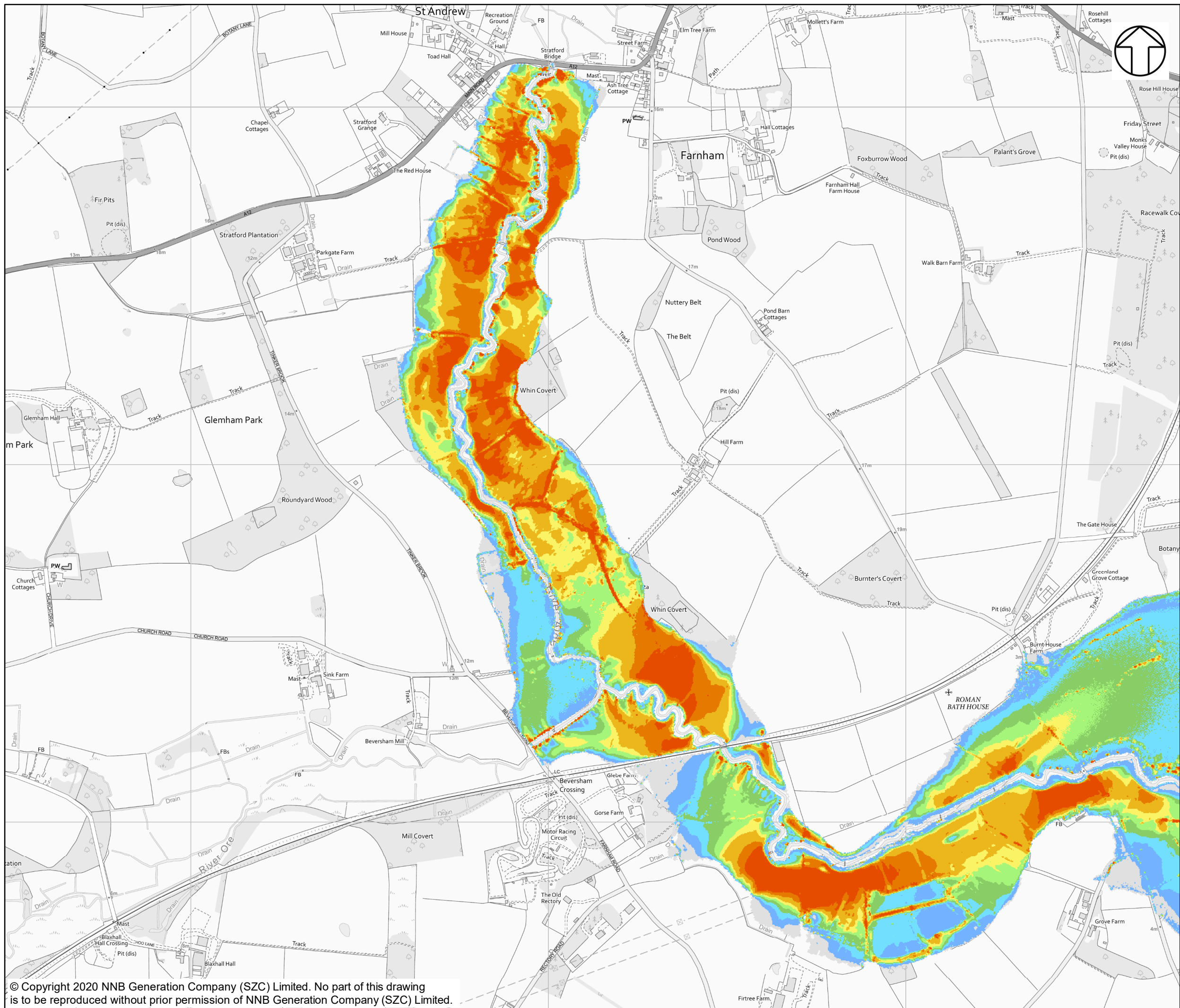
DOCUMENT:
 SIZEWELL C
 TWO VILLAGE BYPASS
 FLUVIAL MODEL RESULTS

DRAWING TITLE:
 BASELINE FLOOD VELOCITY
 1000 YEAR +35CC

DRAWING NO:
 FIGURE A.17

DATE: JAN 2020 **DRAWN:** P.S. **SCALE:** 1:10,000 @A3



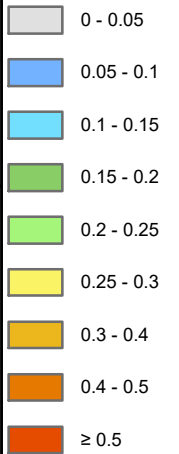


NOTES

KEY

BASELINE 1000YR +65CC

FLOOD VELOCITY (M/S)



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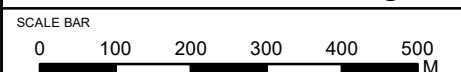


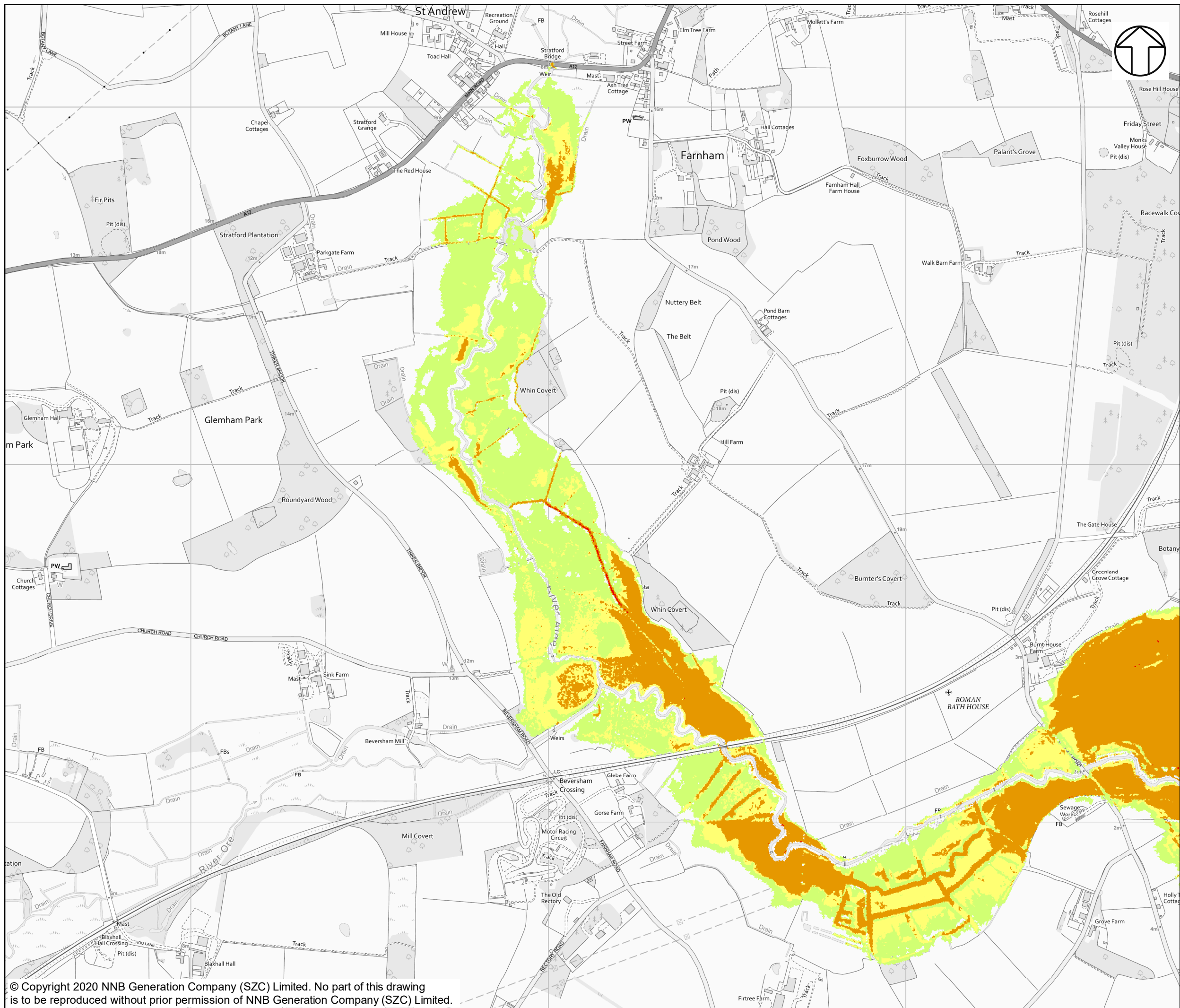
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 SIZEWELL C
 TWO VILLAGE BYPASS
 FLUVIAL MODEL RESULTS

DRAWING TITLE:
 BASELINE FLOOD VELOCITY
 1000 YEAR +65CC

DRAWING NO:
 FIGURE A.18

DATE: JAN 2020 **DRAWN:** P.S. **SCALE:** 1:10,000 @A3





NOTES

KEY

BASELINE 20YR PRESENT DAY

FLOOD HAZARD

- LESS THAN 0.75 (LOW HAZARD)
- BETWEEN 0.75 AND 1.25 (DANGER FOR SOME)
- BETWEEN 1.25 AND 2.0 (DANGER FOR MOST)
- GREATER THAN 2.0 (DANGER FOR ALL)

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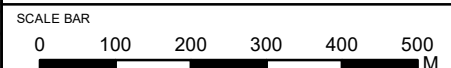


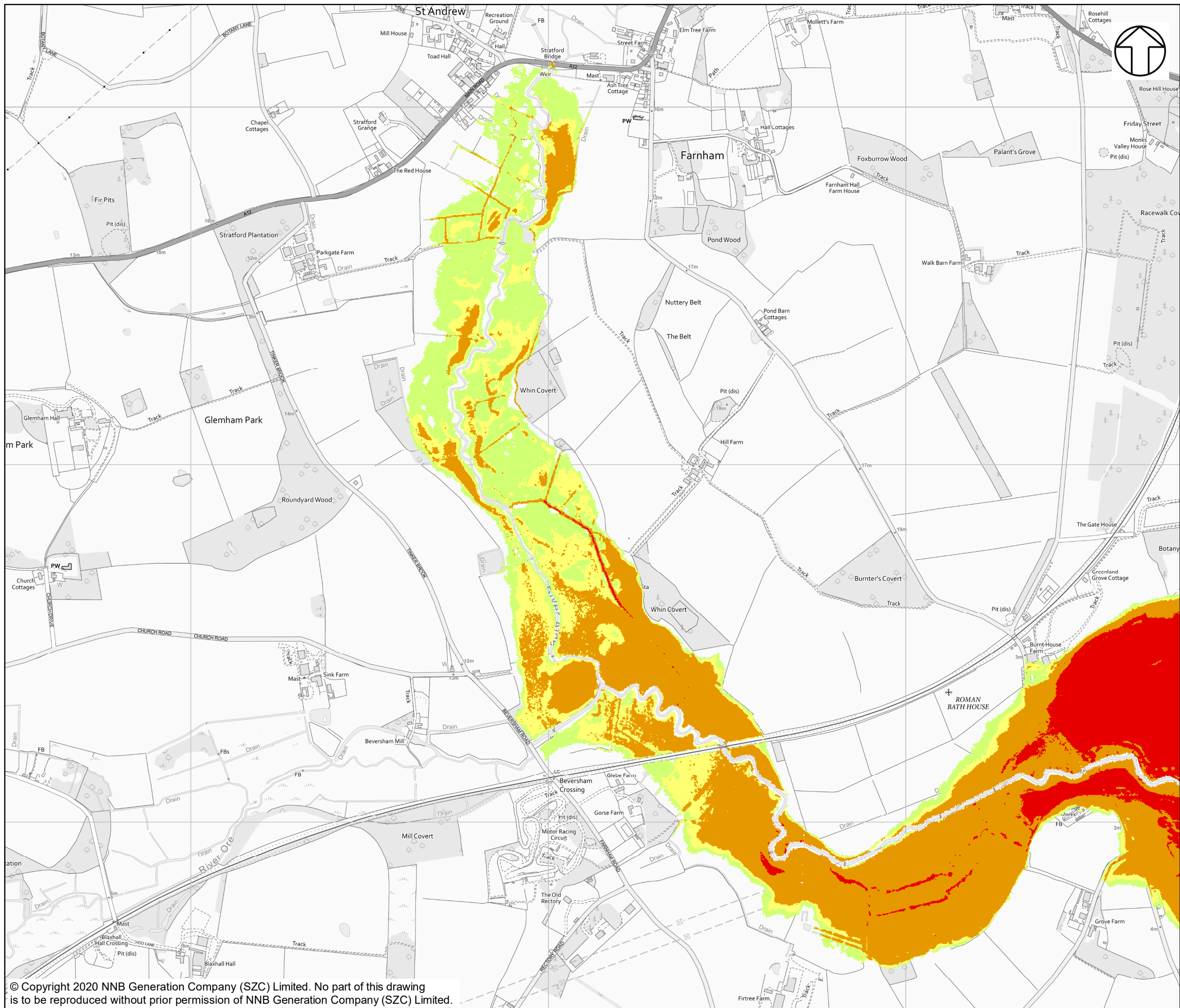
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SIZEWELL C
TWO VILLAGE BYPASS
FLUVIAL MODEL RESULTS

DRAWING TITLE:
BASELINE FLOOD HAZARD
20 YEAR PRESENT DAY

DRAWING NO:
FIGURE A.19

DATE: **JAN 2020** DRAWN: **P.S.** SCALE: **1:10,000 @A3**





NOTES

KEY

BASELINE 20YR +35CC

FLOOD HAZARD

- LESS THAN 0.75 (LOW HAZARD)
- BETWEEN 0.75 AND 1.25 (DANGER FOR SOME)
- BETWEEN 1.25 AND 2.0 (DANGER FOR MOST)
- GREATER THAN 2.0 (DANGER FOR ALL)

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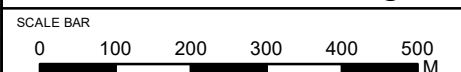


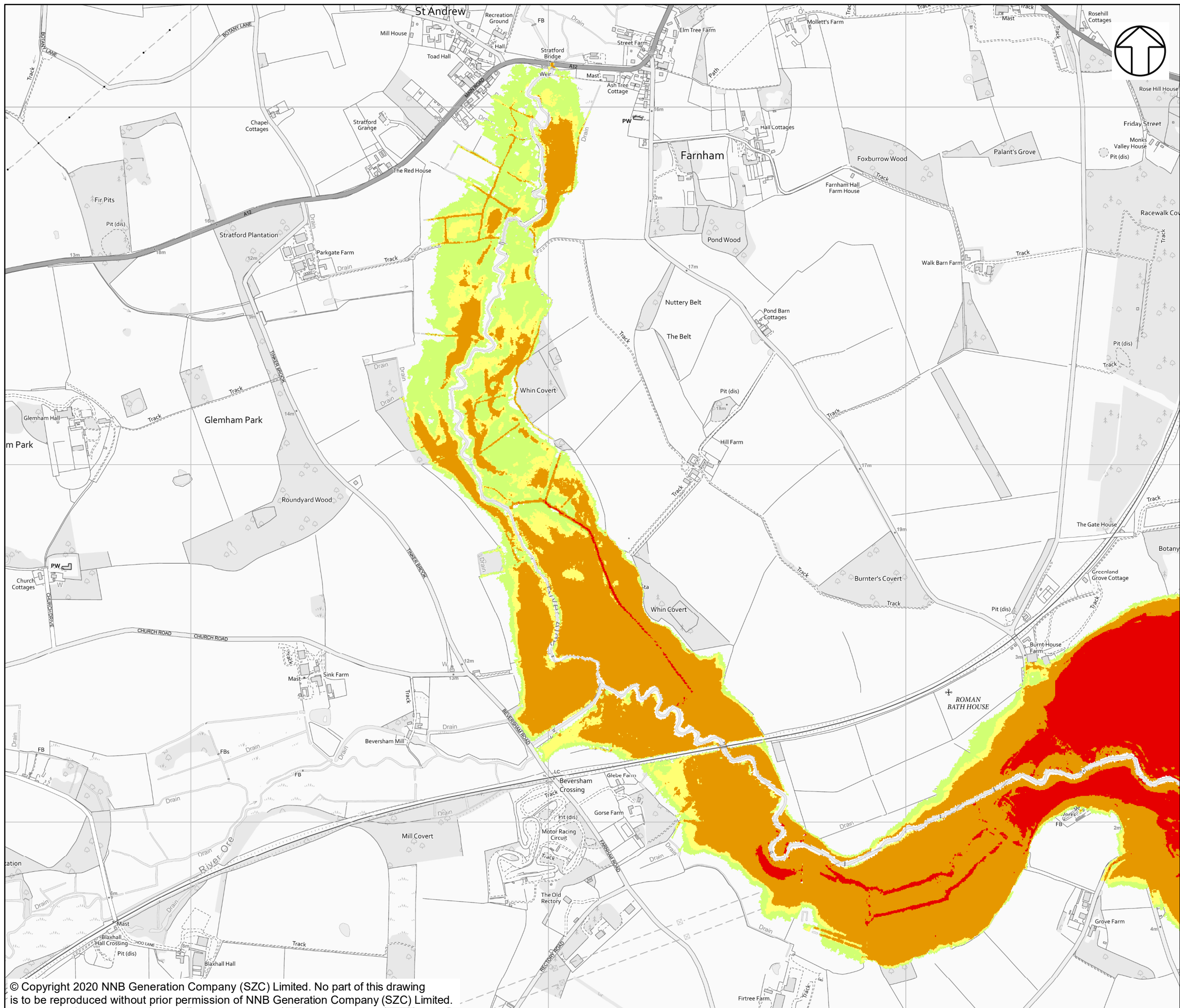
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 TWO VILLAGE BYPASS
 FLUVIAL MODEL RESULTS

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 BASELINE FLOOD HAZARD
 20 YEAR +35CC

DRAWING NO:
 FIGURE A.20

DATE: JAN 2020 DRAWN: P.S. SCALE: 1:10,000 @A3





NOTES

KEY

BASELINE 20YR +65CC

FLOOD HAZARD

- LESS THAN 0.75 (LOW HAZARD)
- BETWEEN 0.75 AND 1.25 (DANGER FOR SOME)
- BETWEEN 1.25 AND 2.0 (DANGER FOR MOST)
- GREATER THAN 2.0 (DANGER FOR ALL)

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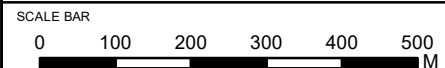


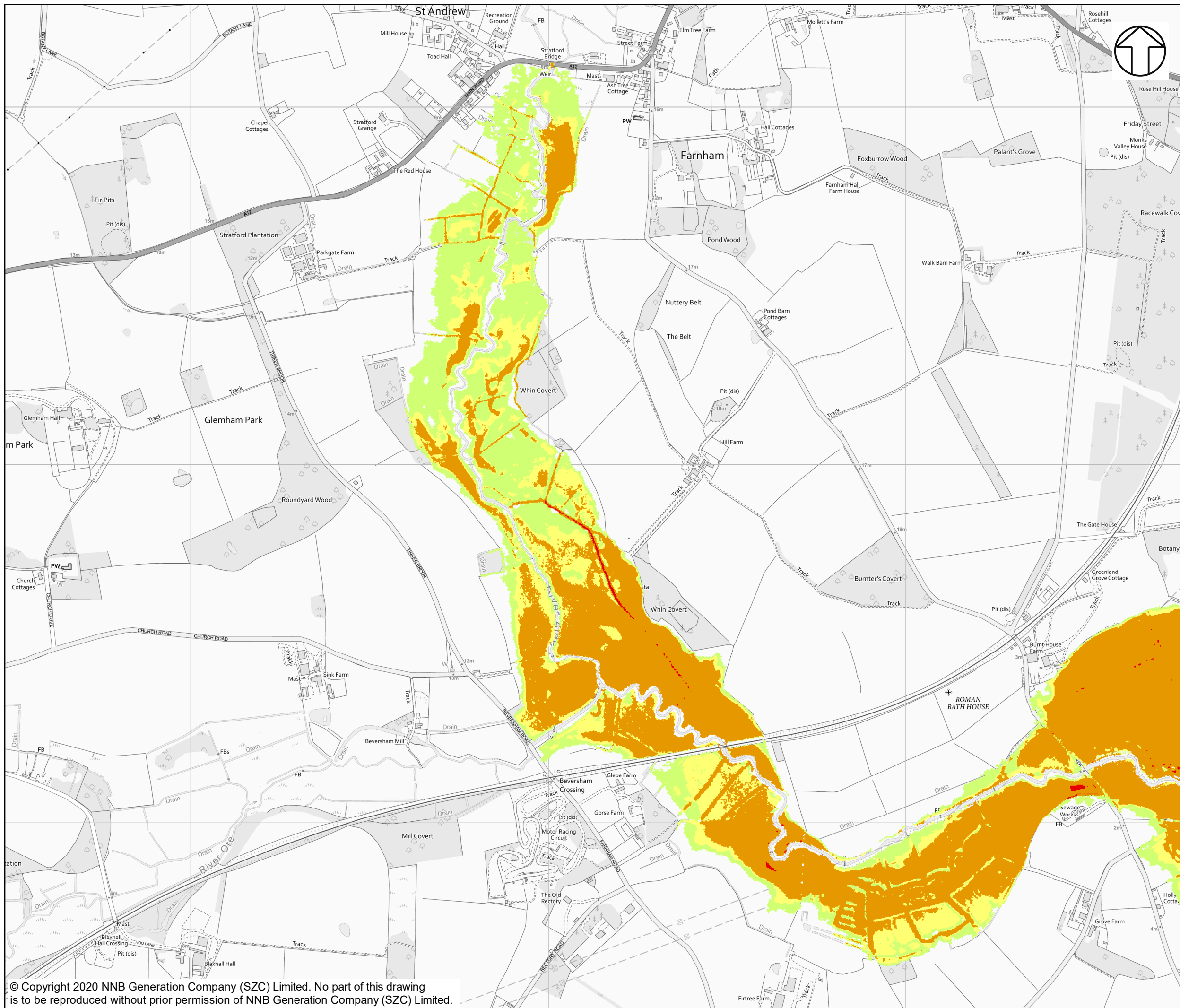
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 TWO VILLAGE BYPASS
 FLUVIAL MODEL RESULTS

DRAWING TITLE:
 BASELINE FLOOD HAZARD
 20 YEAR +65CC

DRAWING NO:
 FIGURE A.21

DATE: JAN 2020 **DRAWN:** P.S. **SCALE:** 1:10,000 @A3





NOTES

KEY

BASELINE 100 YEAR PRESENT DAY

FLOOD HAZARD

- LESS THAN 0.75 (LOW HAZARD)
- BETWEEN 0.75 AND 1.25 (DANGER FOR SOME)
- BETWEEN 1.25 AND 2.0 (DANGER FOR MOST)
- GREATER THAN 2.0 (DANGER FOR ALL)

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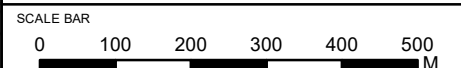


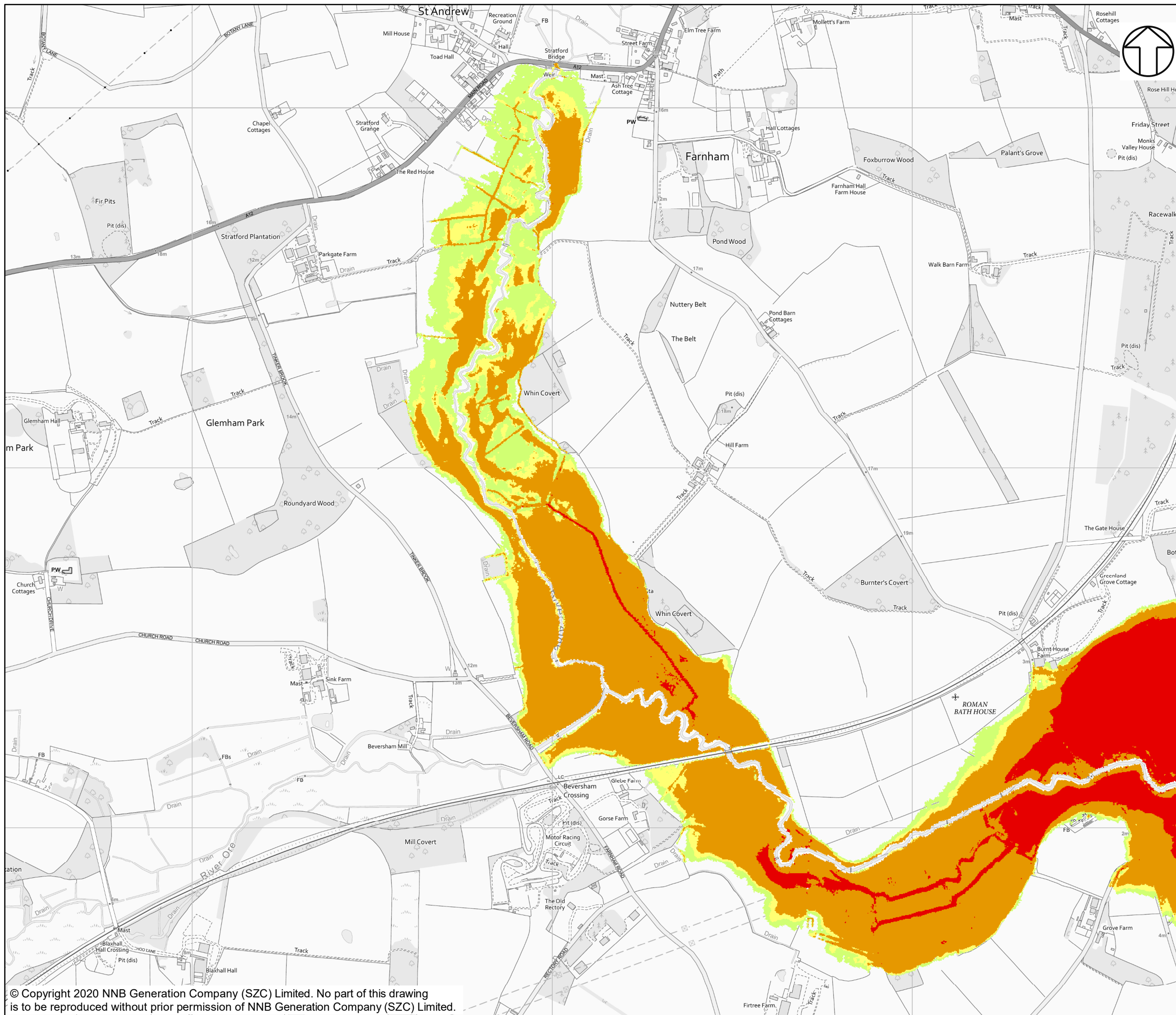
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 TWO VILLAGE BYPASS
 FLUVIAL MODEL RESULTS

DRAWING TITLE:
 BASELINE FLOOD HAZARD
 100 YEAR PRESENT DAY

DRAWING NO:
 FIGURE A.22

DATE: JAN 2020 DRAWN: P.S. SCALE: 1:10,000 @A3





NOTES

KEY

BASELINE 100 YEAR +35CC

FLOOD HAZARD

- LESS THAN 0.75
(LOW HAZARD)
- BETWEEN 0.75 AND 1.25
(DANGER FOR SOME)
- BETWEEN 1.25 AND 2.0
(DANGER FOR MOST)
- GREATER THAN 2.0
(DANGER FOR ALL)

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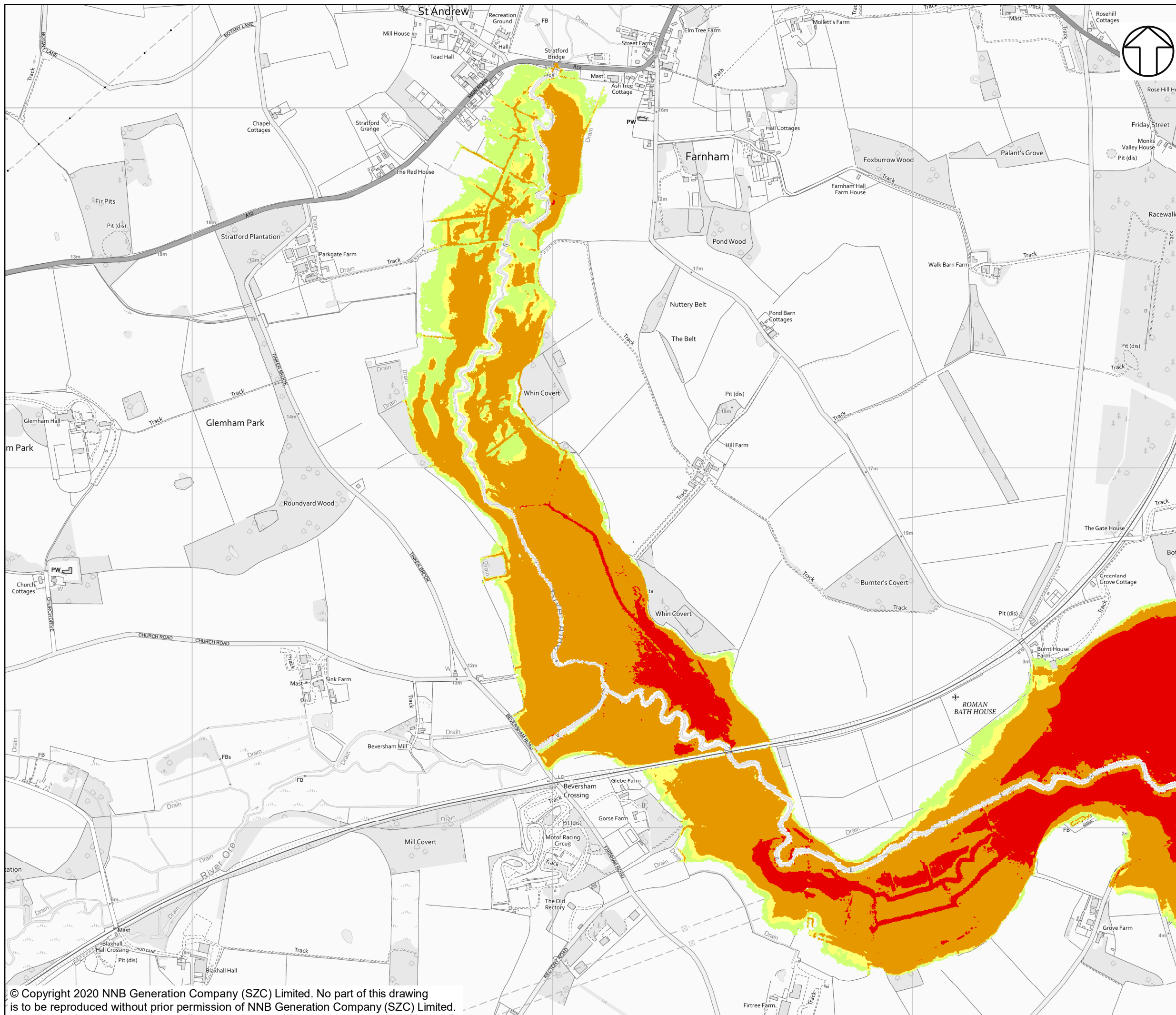
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TWO VILLAGE BYPASS
FLUVIAL MODEL RESULTS

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BASELINE FLOOD HAZARD
100 YEAR +35CC

DRAWING NO:
FIGURE A.23

DATE: JAN 2020 DRAWN: P.S. SCALE: 1:10,000 @A3





NOTES

KEY

BASELINE 100 YEAR +65CC

FLOOD HAZARD

- LESS THAN 0.75 (LOW HAZARD)
- BETWEEN 0.75 AND 1.25 (DANGER FOR SOME)
- BETWEEN 1.25 AND 2.0 (DANGER FOR MOST)
- GREATER THAN 2.0 (DANGER FOR ALL)

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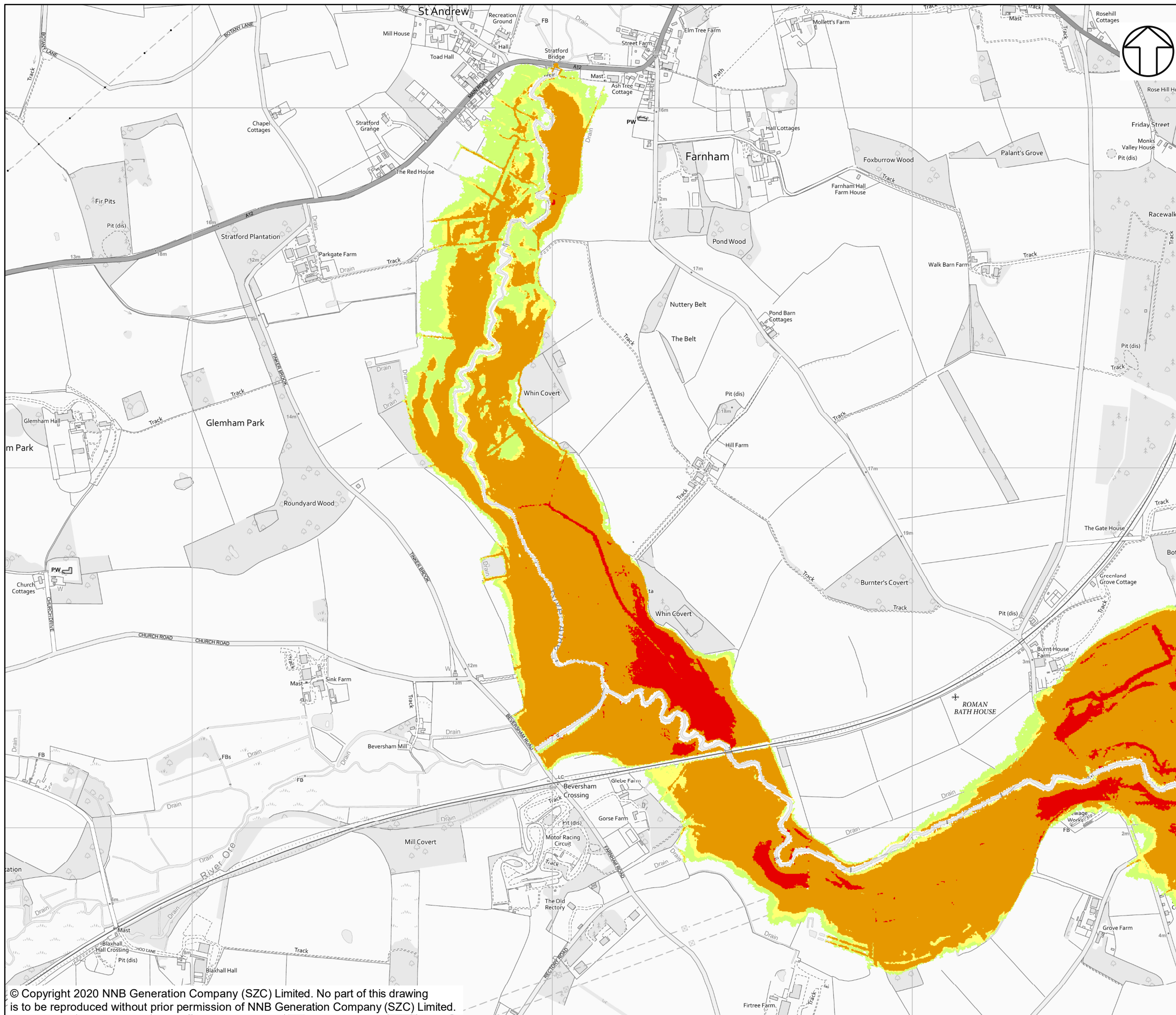
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TWO VILLAGE BYPASS
FLUVIAL MODEL RESULTS

DRAWING TITLE:
BASELINE FLOOD HAZARD
100 YEAR +65CC

DRAWING NO:
FIGURE A.24

DATE: **JAN 2020** DRAWN: **P.S.** SCALE: **1:10,000 @A3**





NOTES

KEY

BASELINE 1000 YEAR PRESENT

- FLOOD HAZARD**
- LESS THAN 0.75 (LOW HAZARD)
 - BETWEEN 0.75 AND 1.25 (DANGER FOR SOME)
 - BETWEEN 1.25 AND 2.0 (DANGER FOR MOST)
 - GREATER THAN 2.0 (DANGER FOR ALL)

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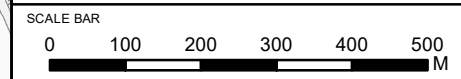


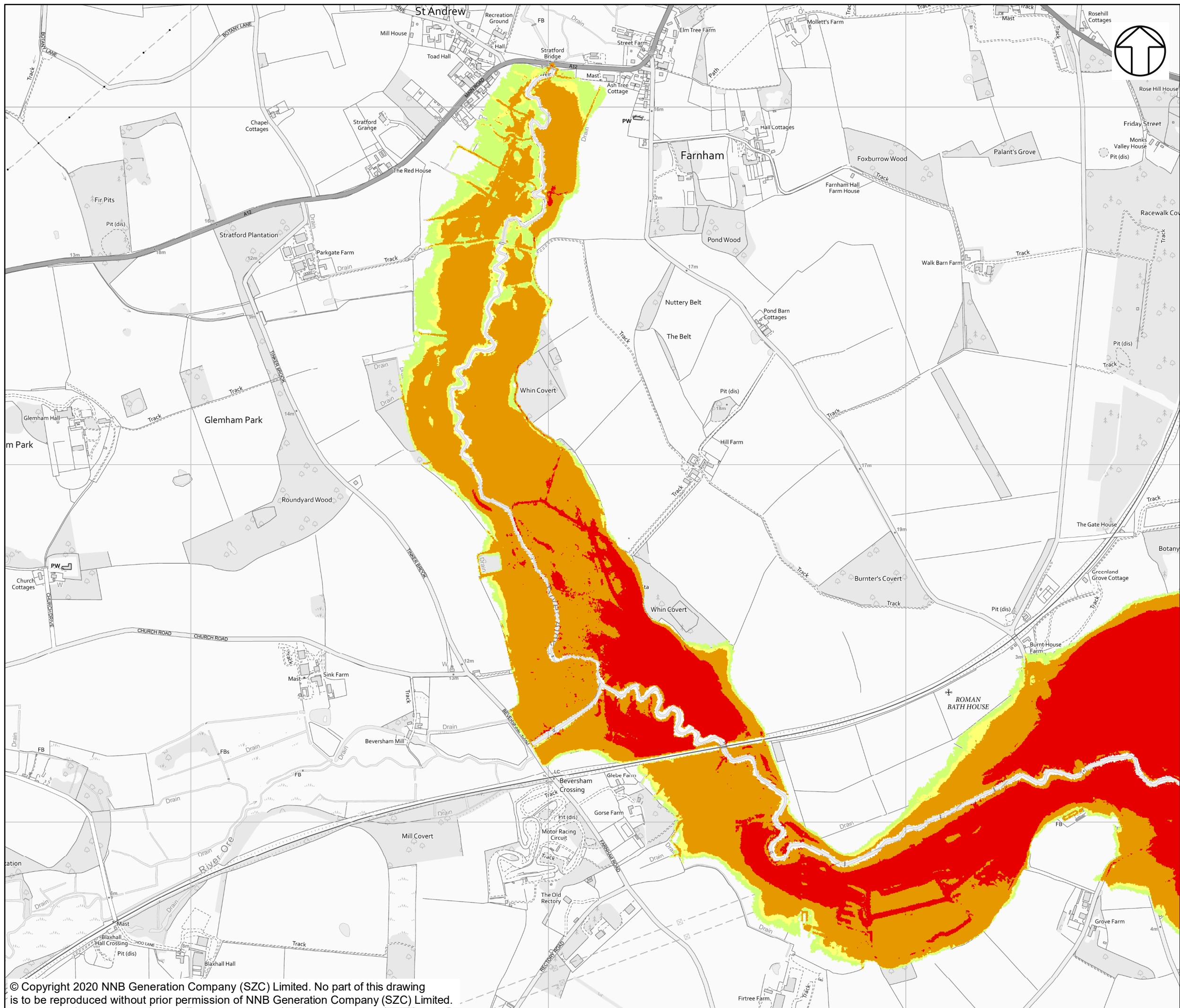
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 SIZEWELL C
 TWO VILLAGE BYPASS
 FLUVIAL MODEL RESULTS

DRAWING TITLE:
 BASELINE FLOOD HAZARD
 1000 YEAR PRESENT DAY

DRAWING NO:
 FIGURE A.25

DATE: JAN 2020 **DRAWN:** P.S. **SCALE:** 1:10,000 @A3





NOTES

KEY

BASELINE 1000 YEAR +35CC

FLOOD HAZARD

- LESS THAN 0.75 (LOW HAZARD)
- BETWEEN 0.75 AND 1.25 (DANGER FOR SOME)
- BETWEEN 1.25 AND 2.0 (DANGER FOR MOST)
- GREATER THAN 2.0 (DANGER FOR ALL)

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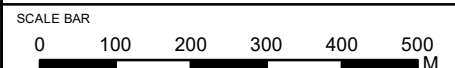


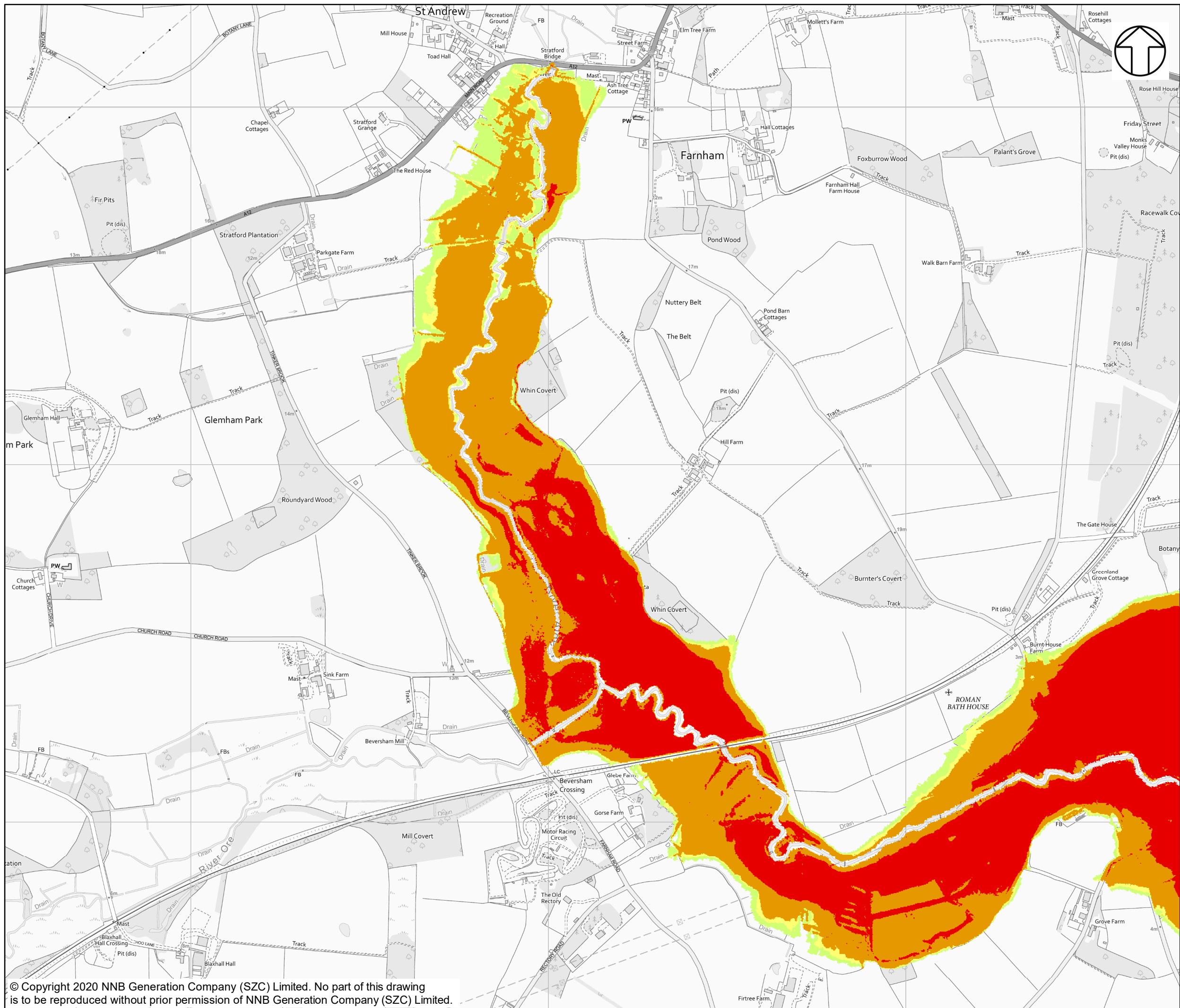
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TWO VILLAGE BYPASS
FLUVIAL MODEL RESULTS

DRAWING TITLE:
BASELINE FLOOD HAZARD
1000 YEAR +35CC

DRAWING NO:
FIGURE A.26

DATE: **JAN 2020** DRAWN: **P.S.** SCALE: **1:10,000 @A3**





NOTES

KEY

BASELINE 1000 YEAR +65CC

FLOOD HAZARD

- LESS THAN 0.75 (LOW HAZARD)
- BETWEEN 0.75 AND 1.25 (DANGER FOR SOME)
- BETWEEN 1.25 AND 2.0 (DANGER FOR MOST)
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 FLUVIAL MODEL RESULTS

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 BASELINE FLOOD HAZARD
 1000 YEAR +65CC

DRAWING NO:
 FIGURE A.27

DATE: JAN 2020 DRAWN: P.S. SCALE: 1:10,000 @A3

