



The Sizewell C Project

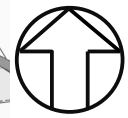
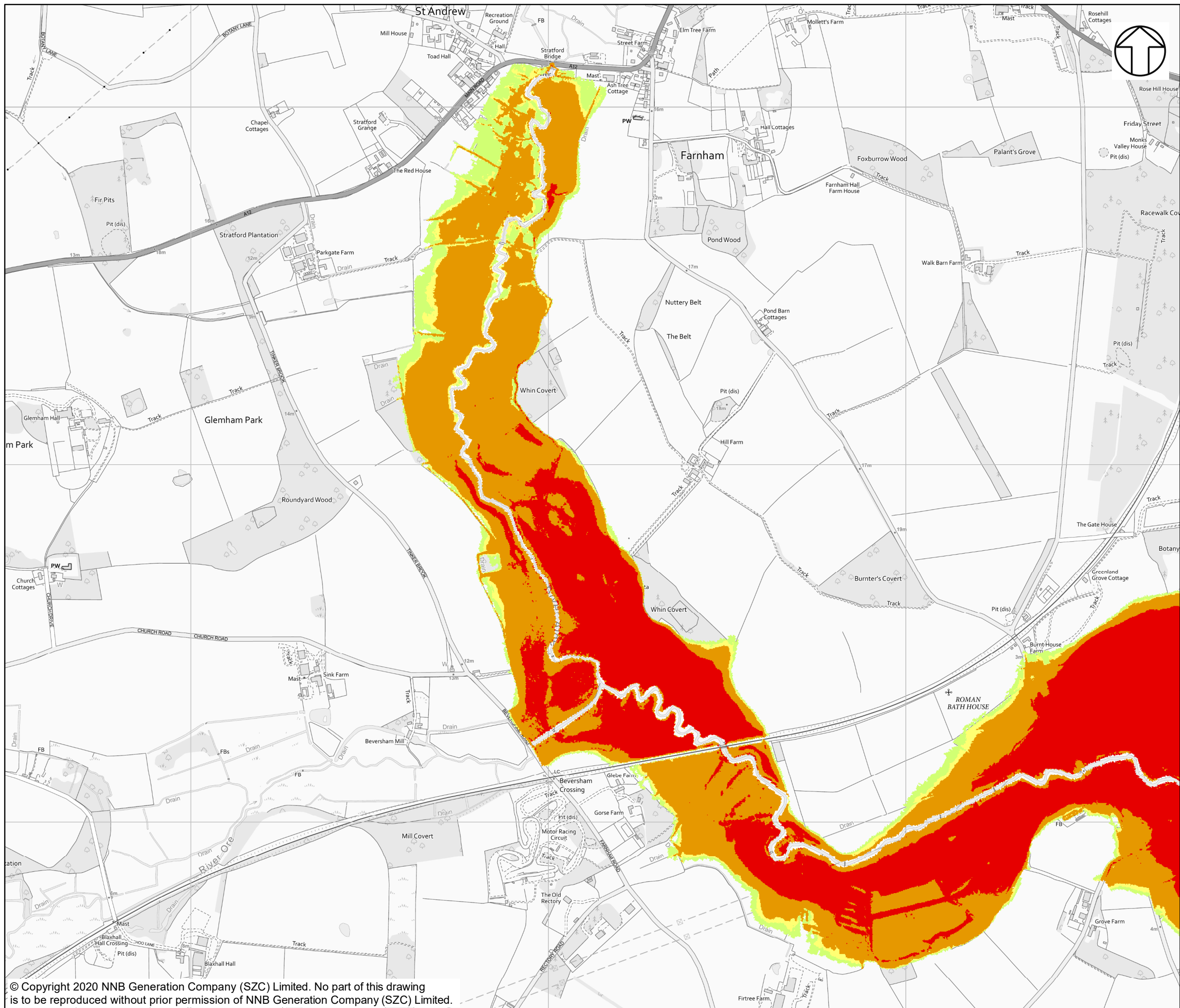
5.5 Two Village Bypass Flood Risk Assessment Figures 31 - 40

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 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)
- GREATER THAN 2.0 (DANGER FOR ALL)

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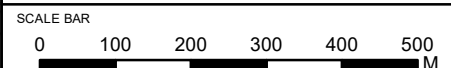


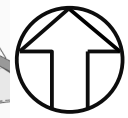
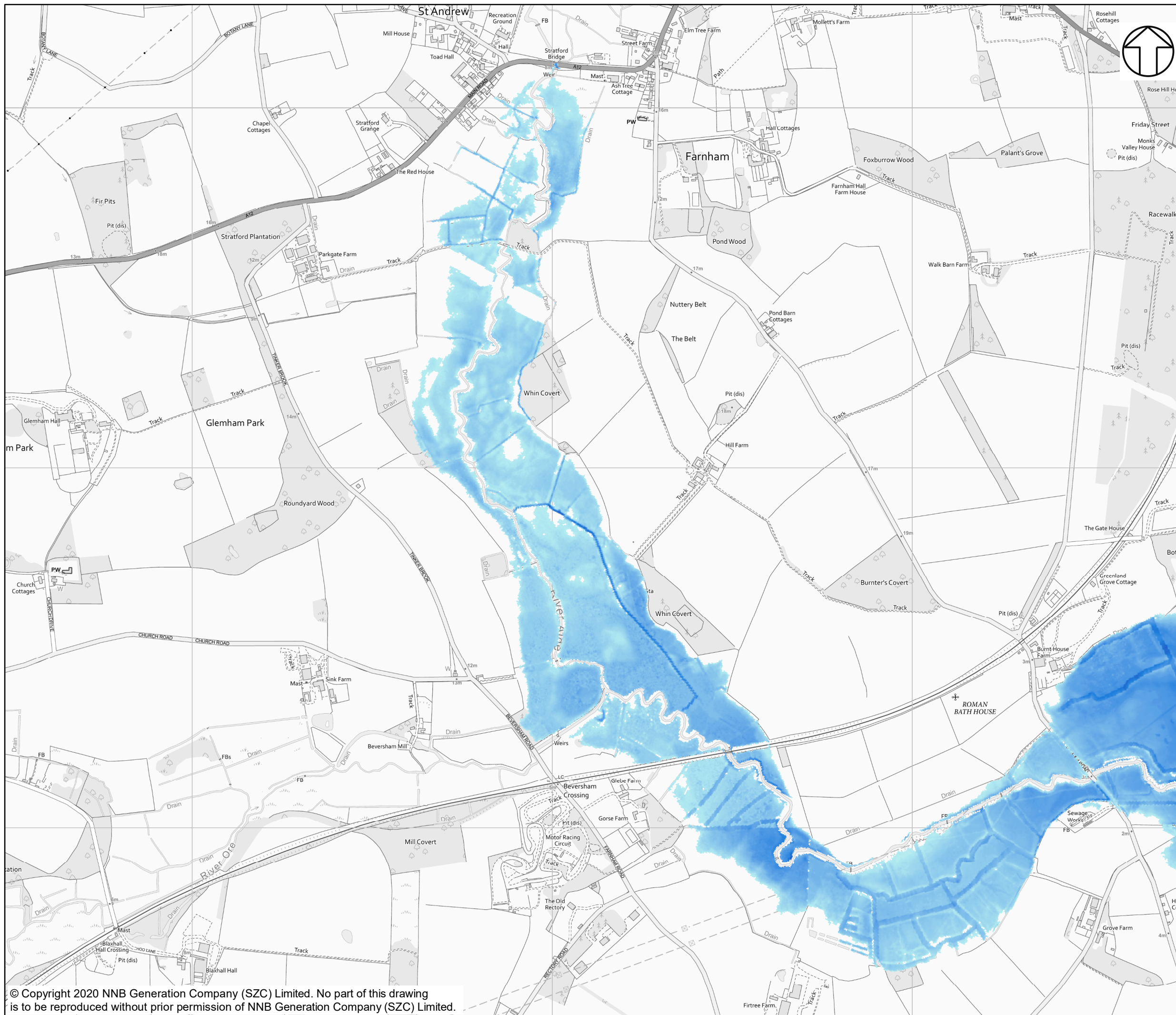
DOCUMENT:
 SIZEWELL C
 TWO VILLAGE BYPASS
 FLUVIAL MODEL RESULTS

DRAWING TITLE:
 FLUVIAL MODELLING BASELINE FLOOD HAZARD
 FOR 1 IN 1,000-YEAR EVENT WITH 65% FOR
 CLIMATE CHANGE ALLOWANCE

DRAWING NO:
FIGURE 31

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



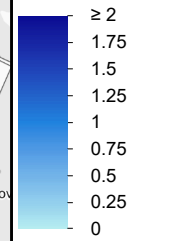


NOTES

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WITH SCHEME 20 YEAR PRESENT DAY

FLOOD DEPTH (M)



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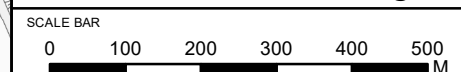


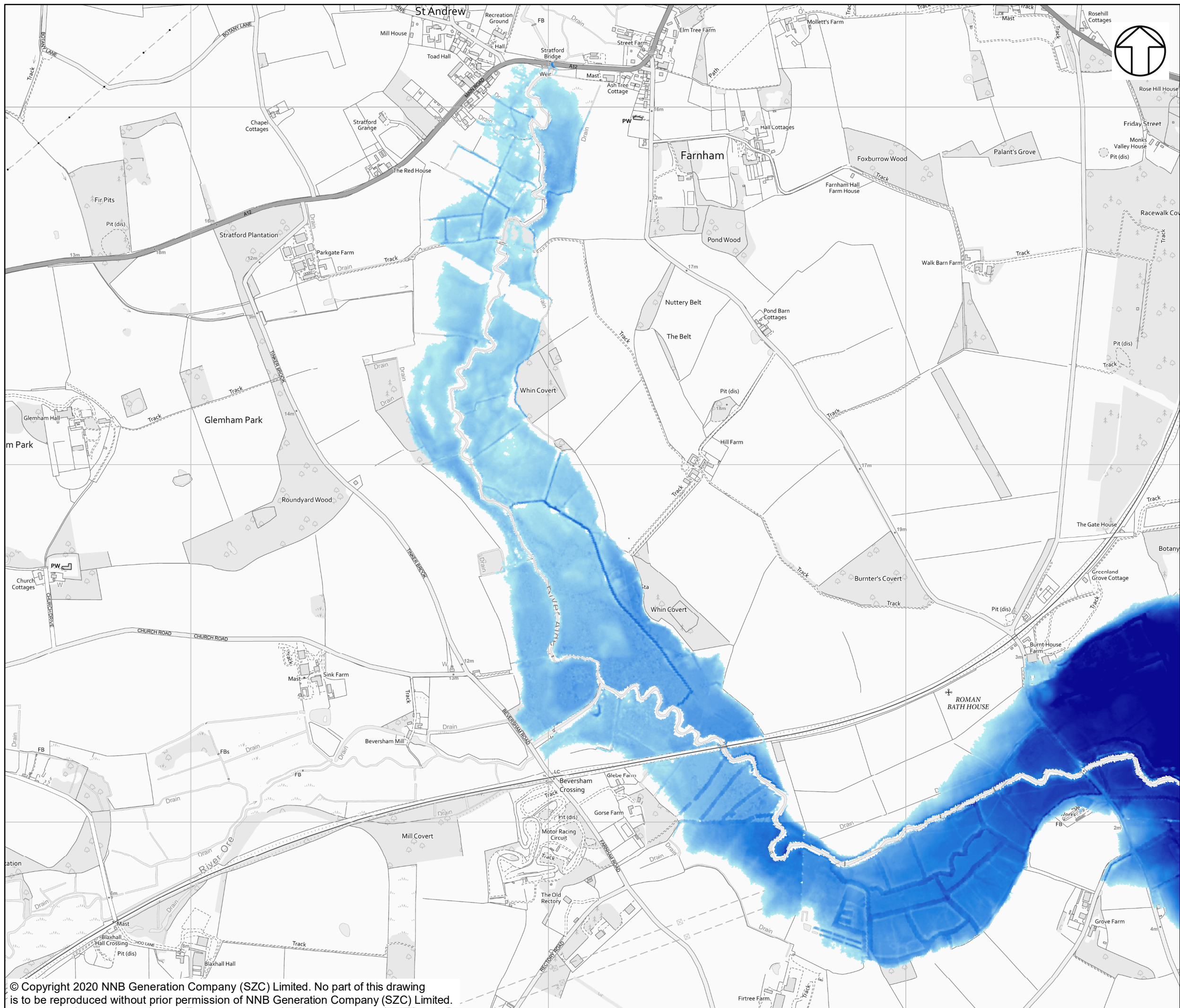
DOCUMENT:
 SIZEWELL C
 TWO VILLAGE BYPASS
 FLUVIAL MODEL RESULTS

DRAWING TITLE:
 FLUVIAL MODELLING WITH SCHEME FLOOD
 DEPTH FOR 1 IN 20-YEAR EVENT

DRAWING NO:
FIGURE 32

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



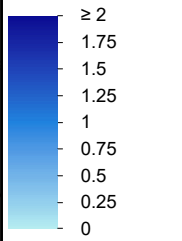


NOTES

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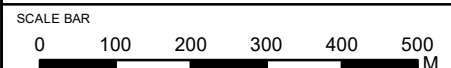


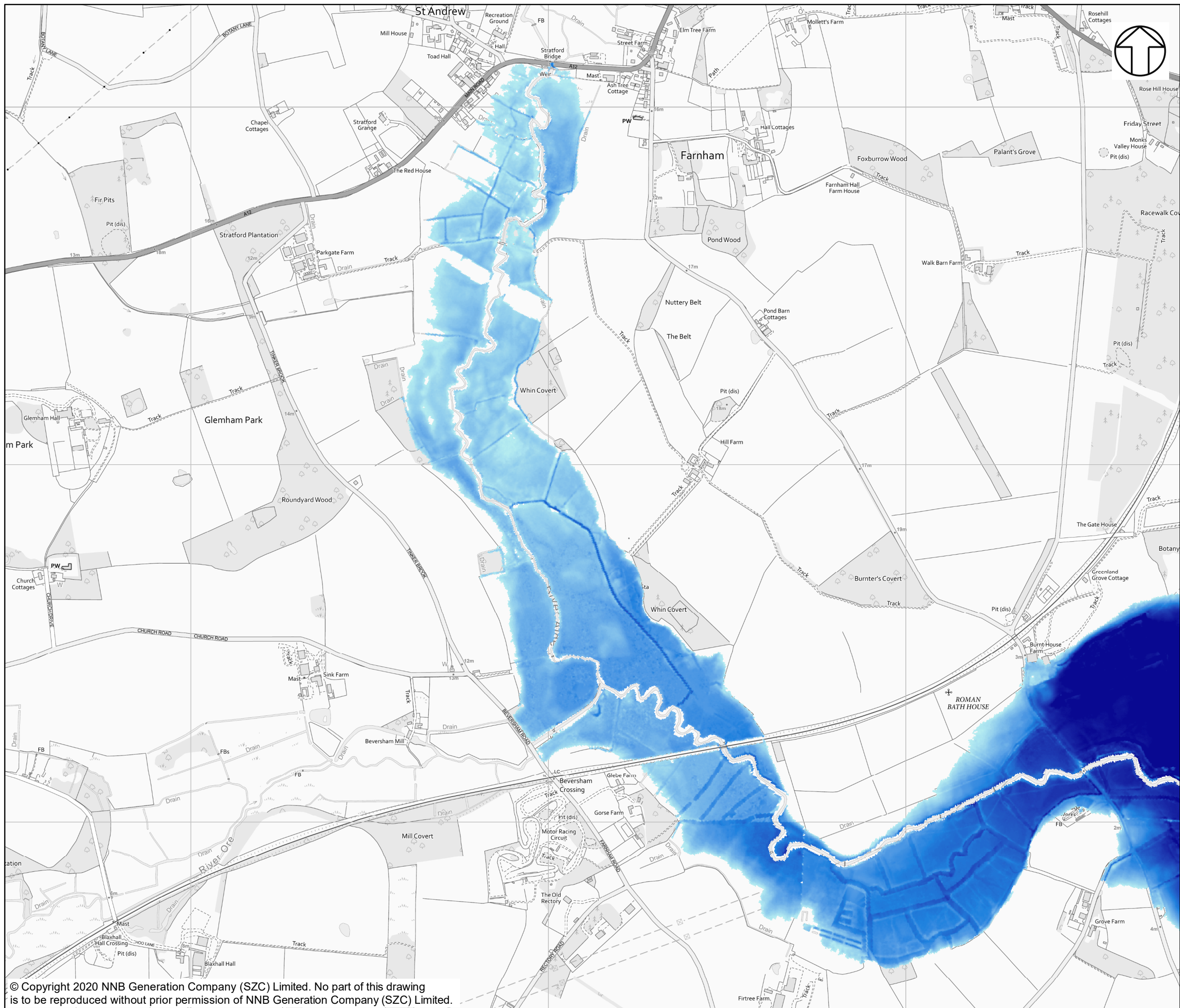
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DRAWING TITLE:
 FLUVIAL MODELLING WITH SCHEME FLOOD
 DEPTH FOR 1 IN 20-YEAR EVENT WITH 35% FOR
 CLIMATE CHANGE ALLOWANCE

DRAWING NO:
 FIGURE 33

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



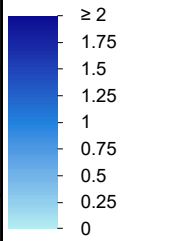


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DOCUMENT:

**SIZEWELL C
TWO VILLAGE BYPASS
FLUVIAL MODEL RESULTS**

DRAWING TITLE:

**FLUVIAL MODELLING WITH SCHEME FLOOD
DEPTH FOR 1 IN 20-YEAR EVENT WITH 65% FOR
CLIMATE CHANGE ALLOWANCE**

DRAWING NO:

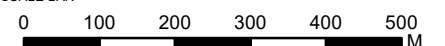
FIGURE 34

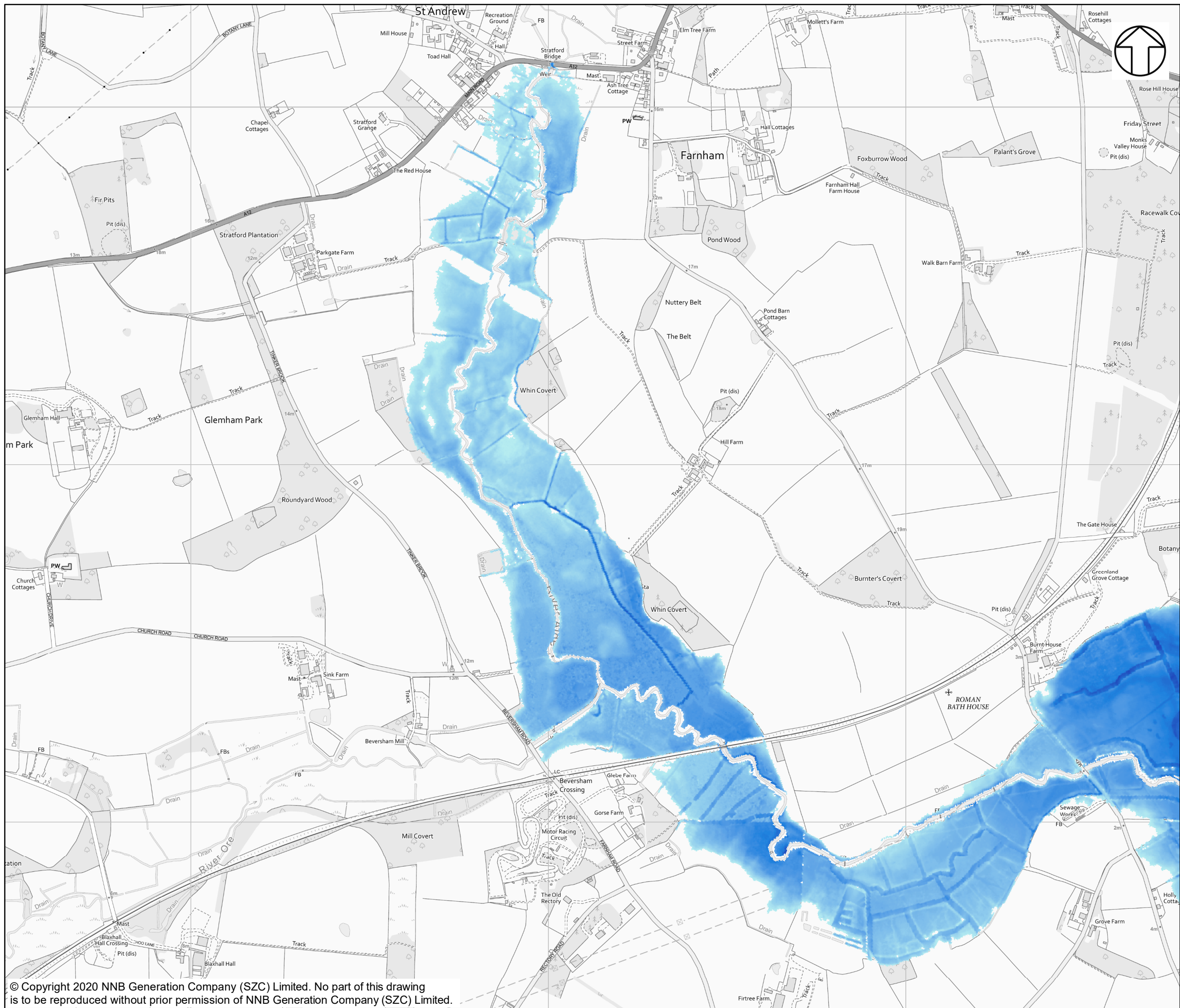
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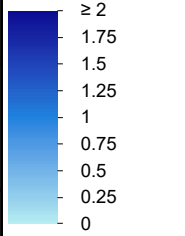


NOTES

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WITH SCHEME 100 YEAR PRESENT DAY

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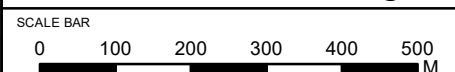


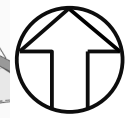
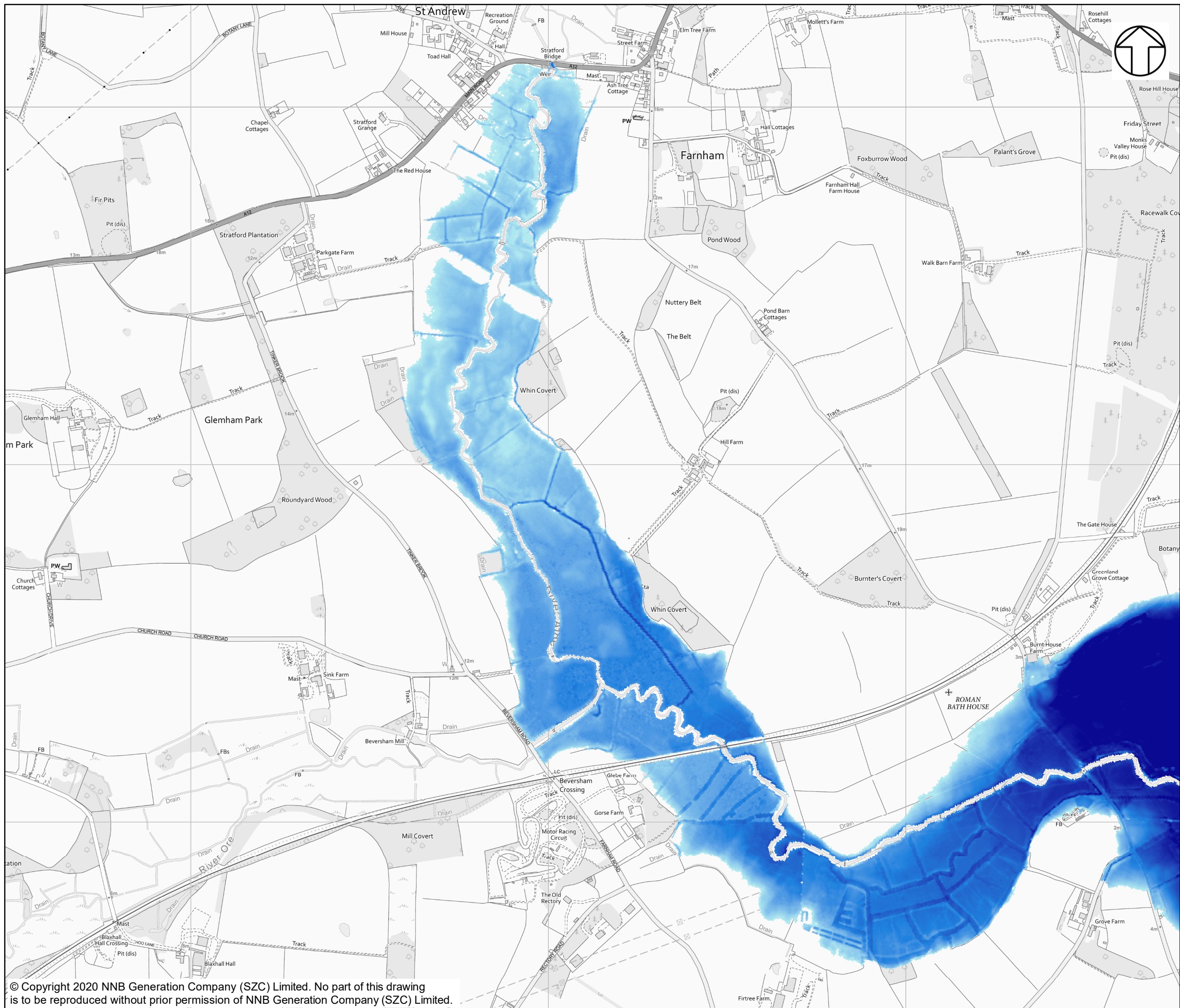
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 FLUVIAL MODEL RESULTS

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 FLUVIAL MODELLING WITH SCHEME FLOOD
 DEPTH FOR 1 IN 100-YEAR EVENT

DRAWING NO:
 FIGURE 35

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



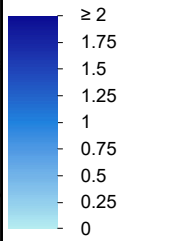


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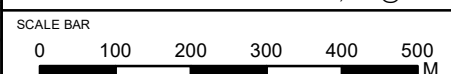


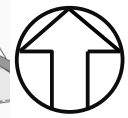
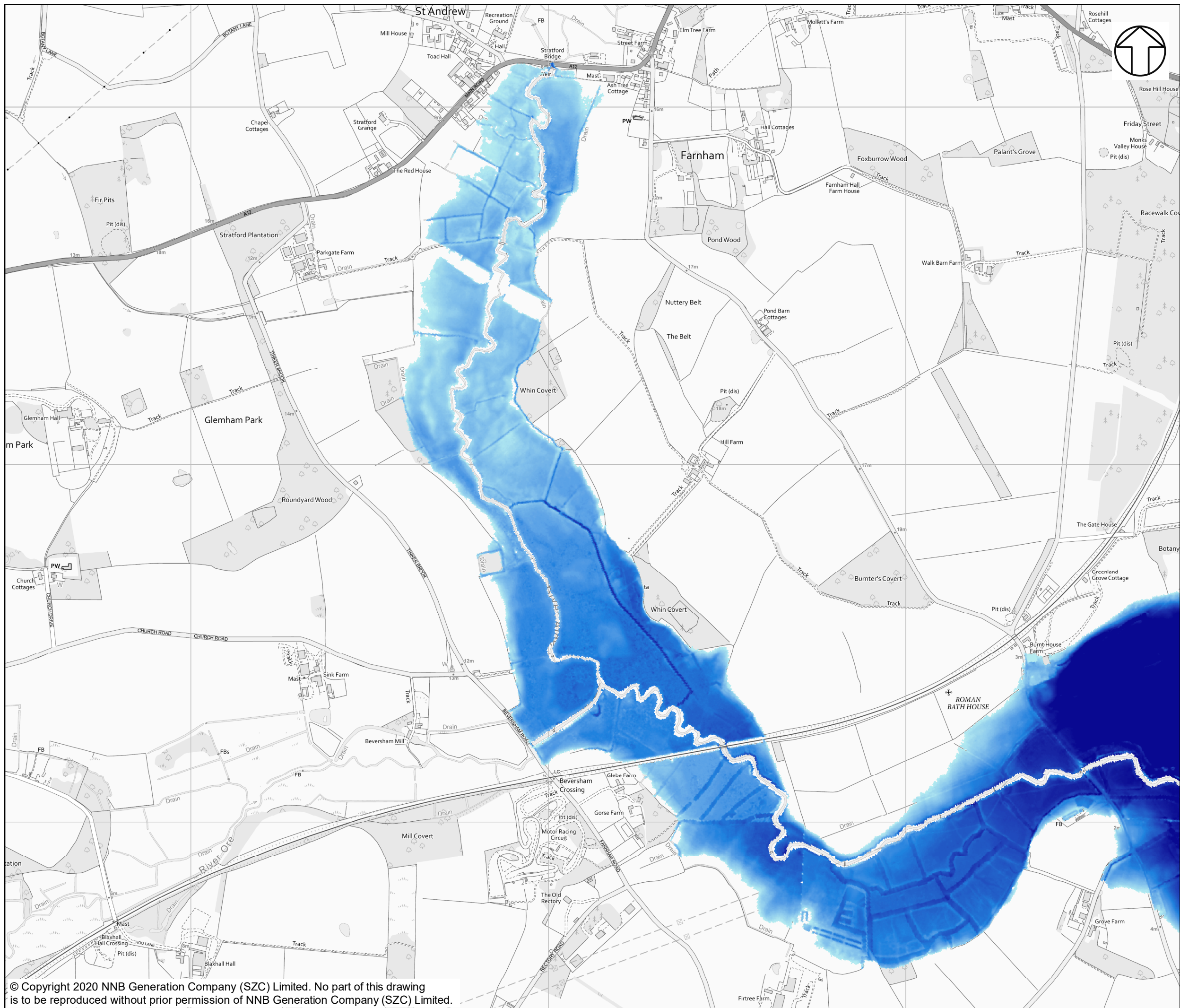
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DRAWING TITLE:
FLUVIAL MODELLING WITH SCHEME FLOOD
DEPTH FOR 1 IN 100-YEAR EVENT WITH 35% FOR
CLIMATE CHANGE ALLOWANCE

DRAWING NO:
FIGURE 36

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



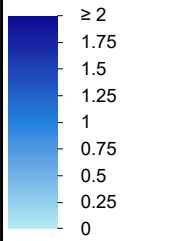


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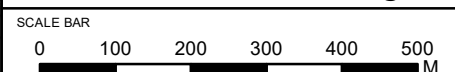


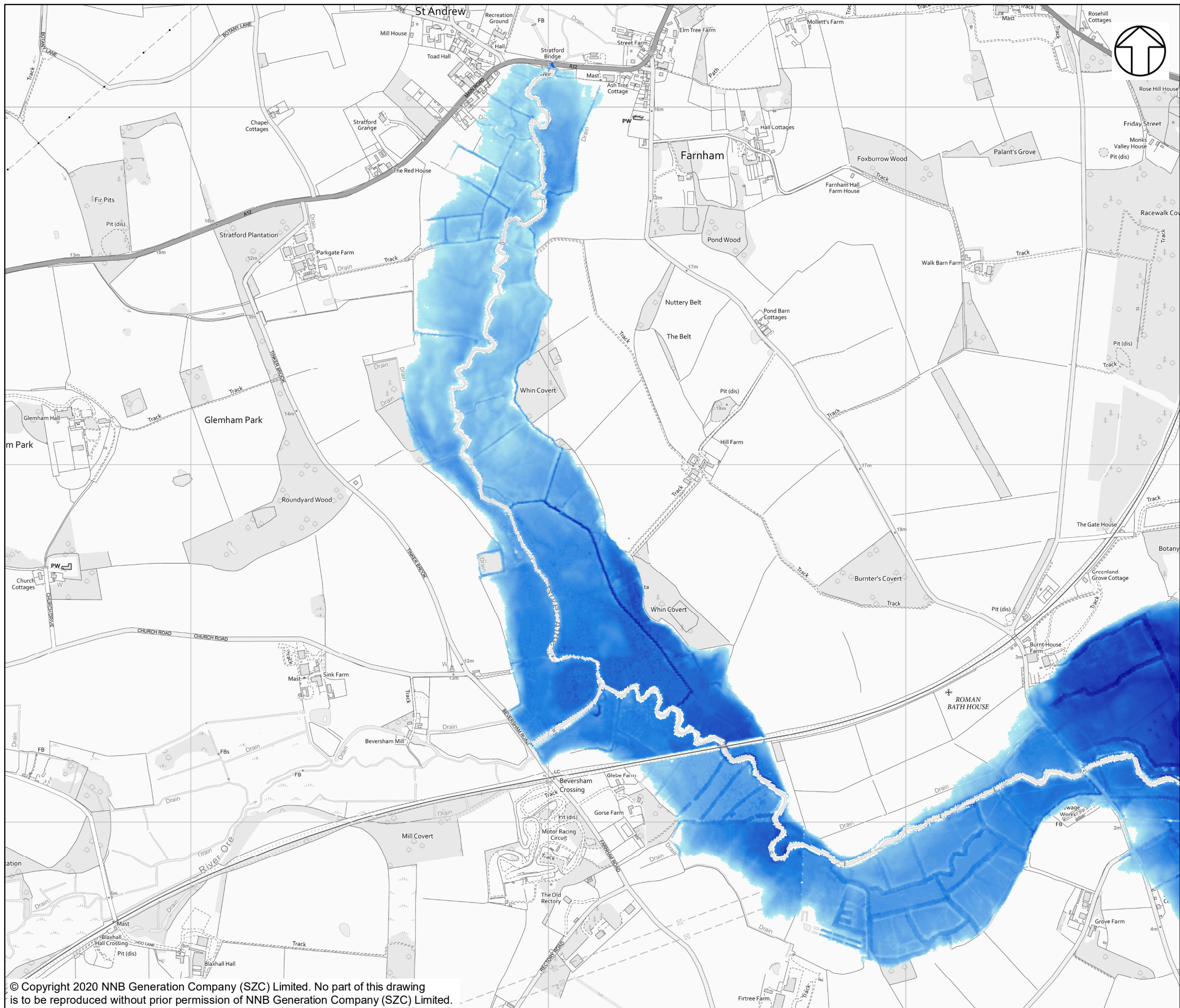
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DRAWING NO:
FIGURE 37

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



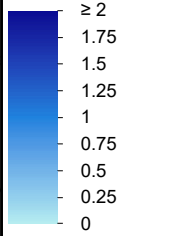


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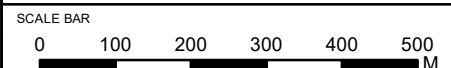


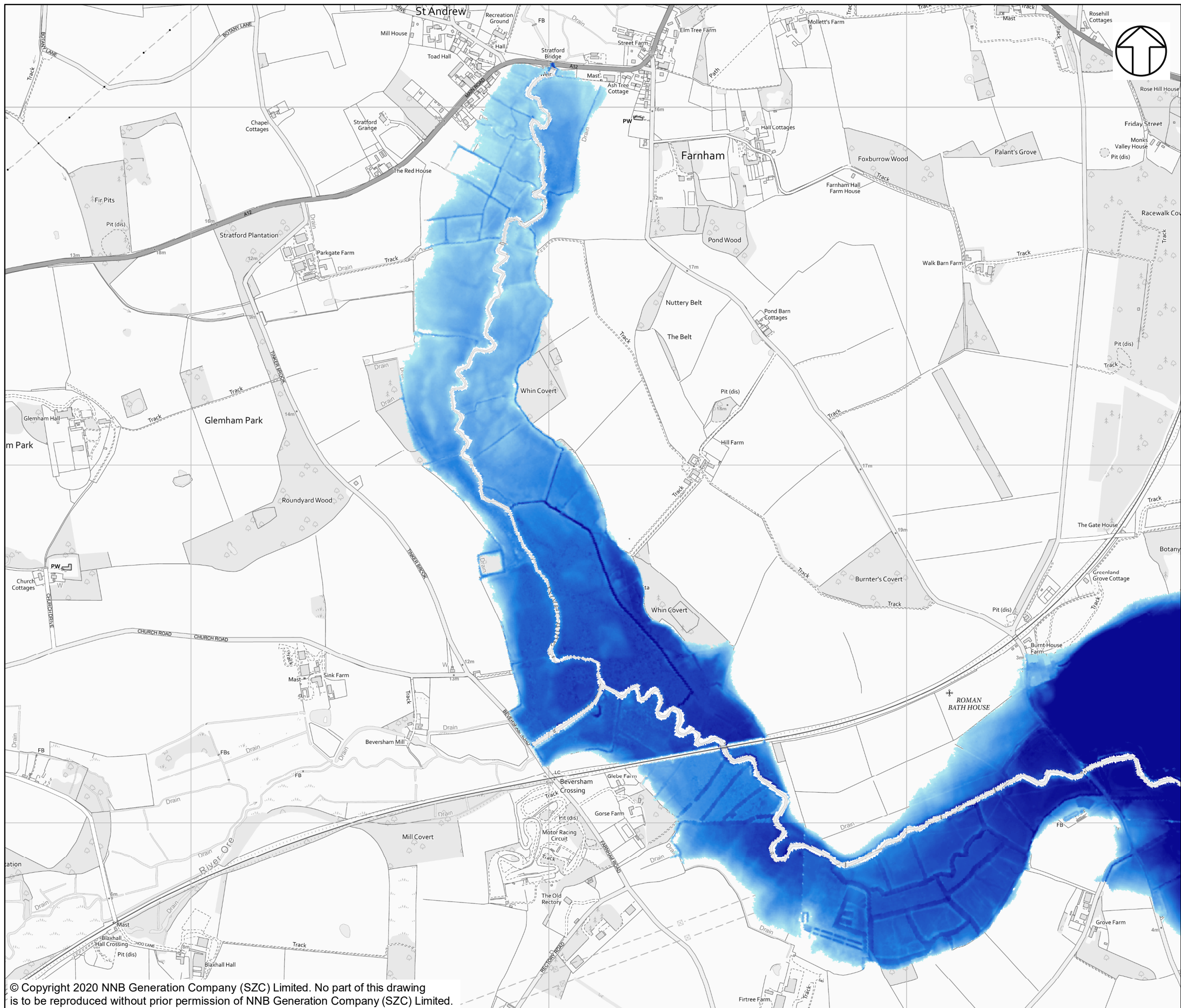
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 DEPTH FOR 1 IN 1,000-YEAR EVENT

DRAWING NO:
 FIGURE 38

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



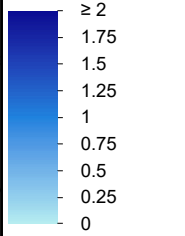


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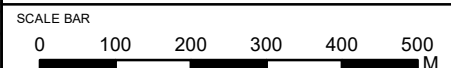


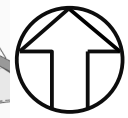
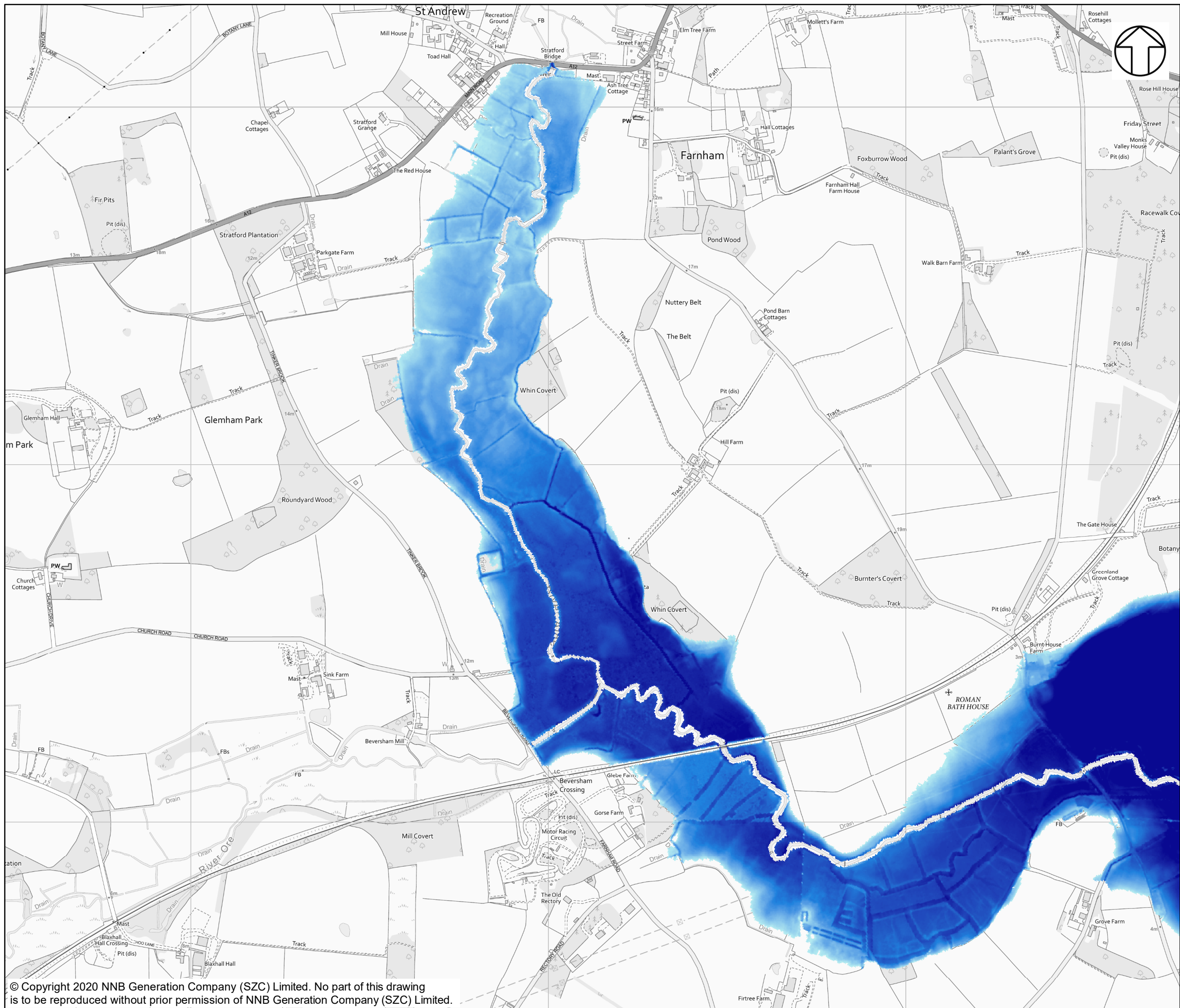
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 DEPTH FOR 1 IN 1,000-YEAR EVENT WITH 35%
 FOR CLIMATE CHANGE ALLOWANCE

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FIGURE 39

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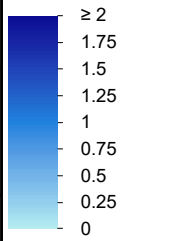


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DEPTH FOR 1 IN 1,000-YEAR EVENT WITH 65%
FOR CLIMATE CHANGE ALLOWANCE

DRAWING NO:
FIGURE 4 0

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

