



The Sizewell C Project

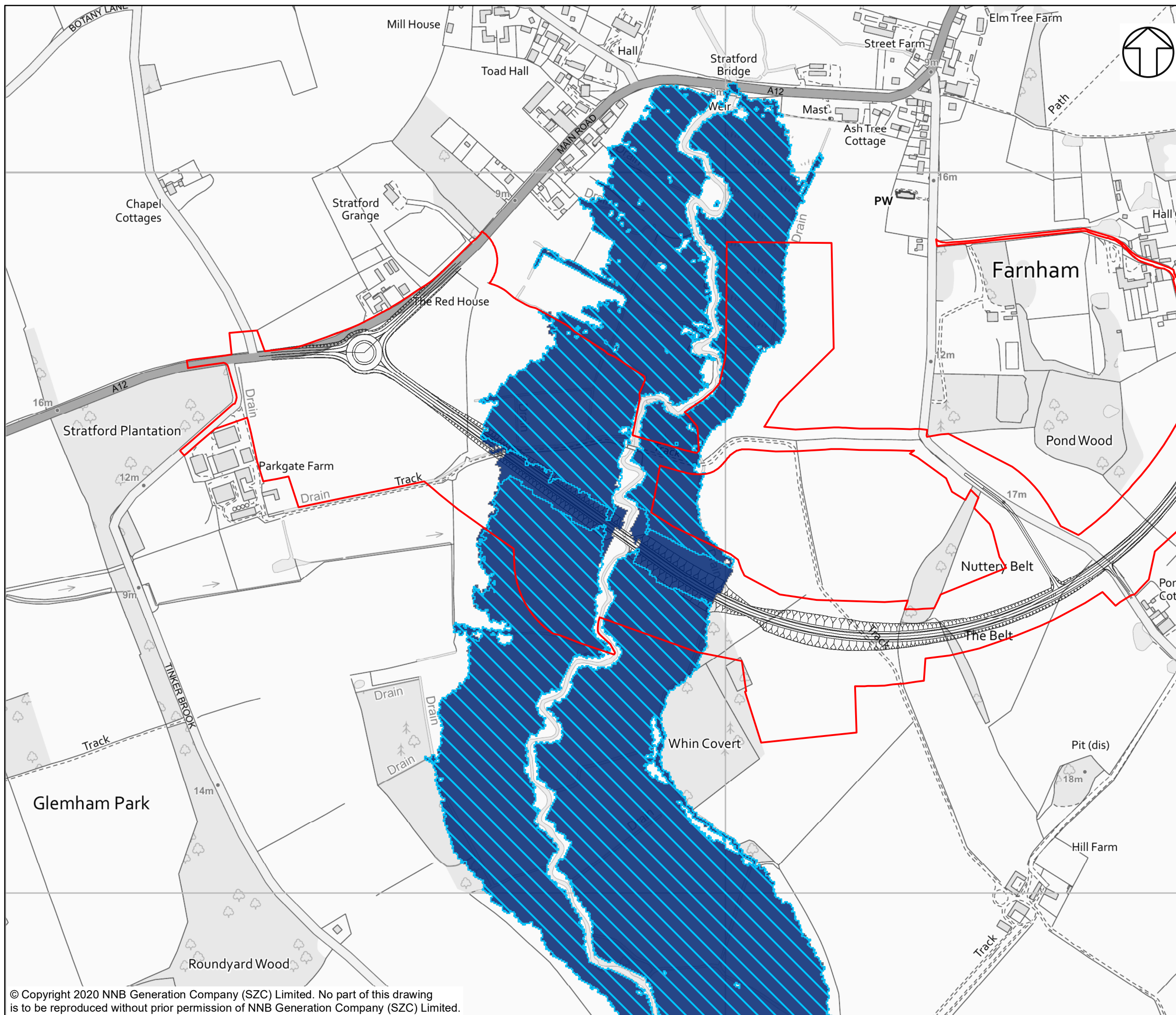
5.5 Two Village Bypass Flood Risk Assessment Figures 61 - 70

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

- TWO VILLAGE BYPASS DEVELOPMENT SITE BOUNDARY
- TWO VILLAGE BYPASS ROAD LAYOUT
- WITH SCHEME 100YR +35% CC EVENT FLOOD EXTENT
- BASELINE 100YR +35% CC EVENT FLOOD EXTENT

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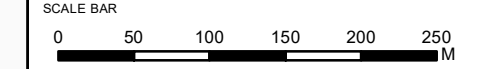


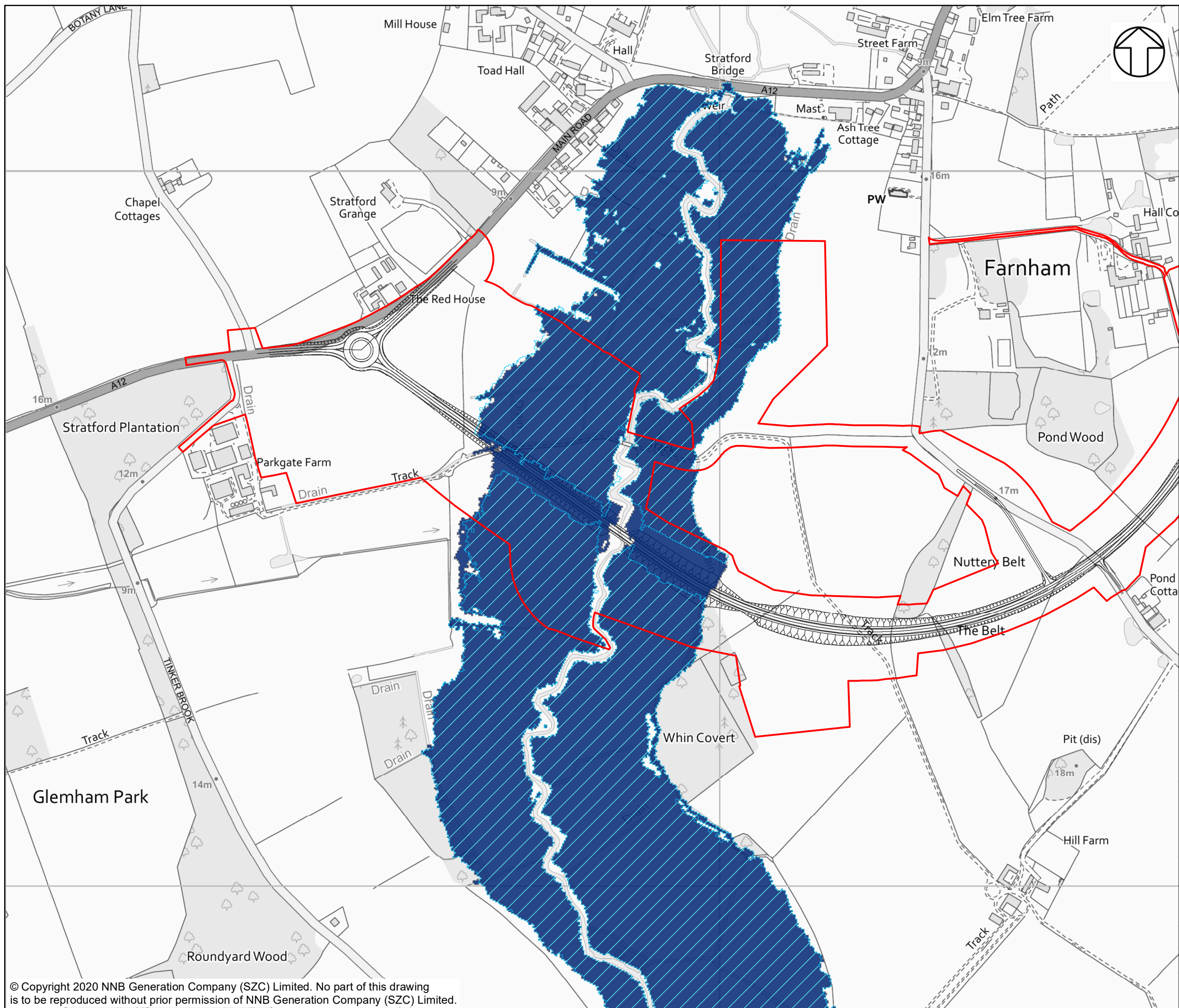
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 SIZEWELL C
 TWO VILLAGE BYPASS
 FLOOD RISK ASSESSMENT

DRAWING TITLE:
 FLUVIAL MODELLING DIFFERENCE BETWEEN
 BASELINE AND WITH SCHEME FLOOD EXTENT
 FOR 1 IN 100-YEAR EVENT WITH 35%
 FOR CLIMATE CHANGE ALLOWANCE

DRAWING NO:
 FIGURE 61

DATE: FEB 2020 **DRAWN:** E.H. **SCALE:** 1:5,000 @A3

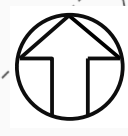




NOTES

KEY

- TWO VILLAGE BYPASS DEVELOPMENT SITE BOUNDARY
- TWO VILLAGE BYPASS ROAD LAYOUT
- WITH SCHEME 100YR +65%CC EVENT FLOOD EXTENT
- BASELINE 100YR +65%CC EVENT FLOOD EXTENT



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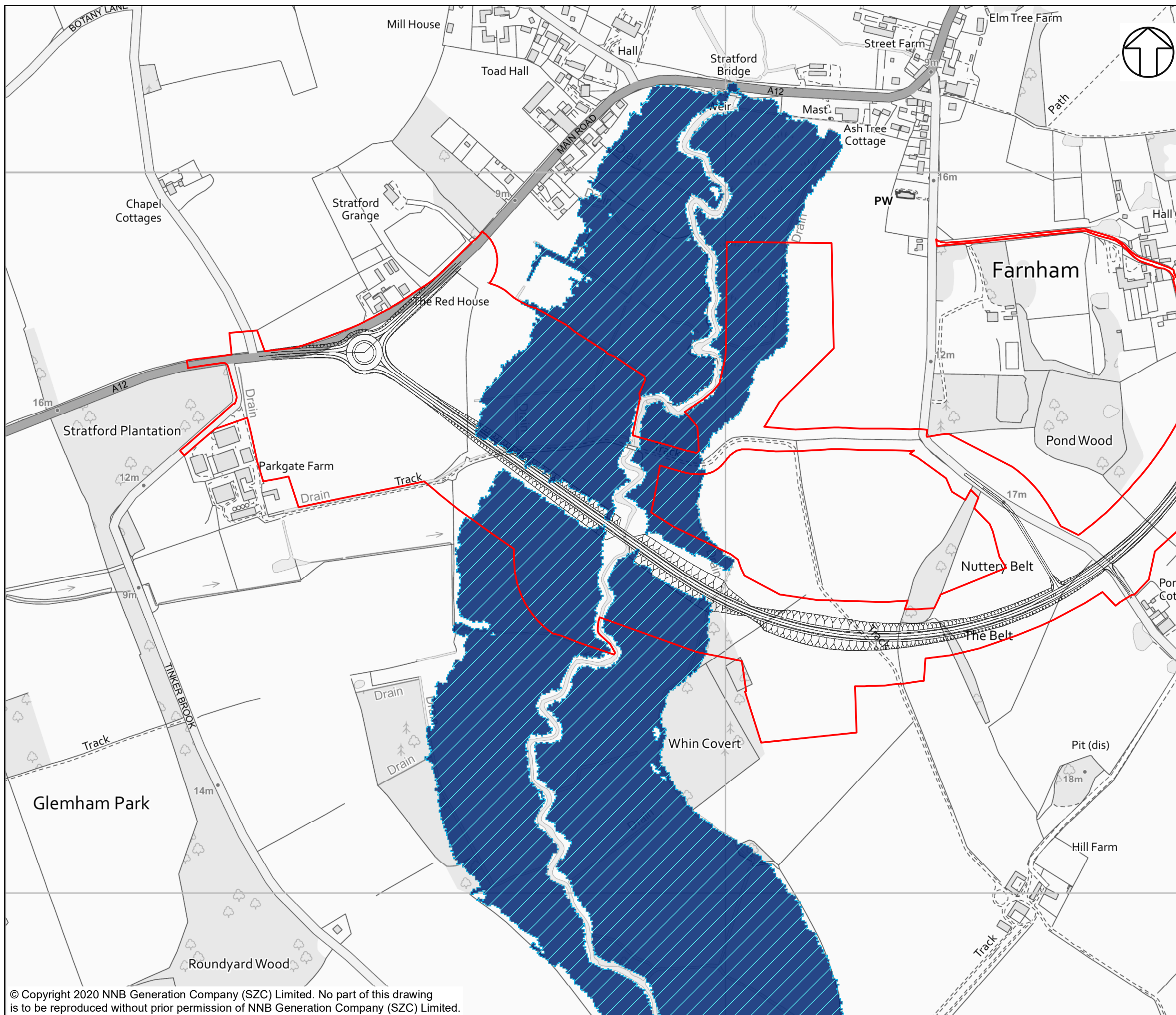
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DRAWING TITLE:
 FLUVIAL MODELLING DIFFERENCE BETWEEN
 BASELINE AND WITH SCHEME FLOOD EXTENT
 FOR 1 IN 100-YEAR EVENT WITH 65%
 FOR CLIMATE CHANGE ALLOWANCE

DRAWING NO:
 FIGURE 62

DATE: FEB 2020 **DRAWN:** E.H. **SCALE:** 1:5,000 @A3





NOTES

KEY

- TWO VILLAGE BYPASS DEVELOPMENT SITE BOUNDARY
- TWO VILLAGE BYPASS ROAD LAYOUT
- WITH SCHEME 1000YR +35% CC EVENT FLOOD EXTENT
- BASELINE 1000YR +35% CC EVENT FLOOD EXTENT

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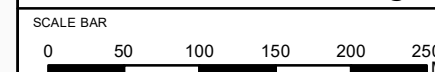


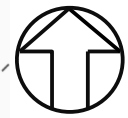
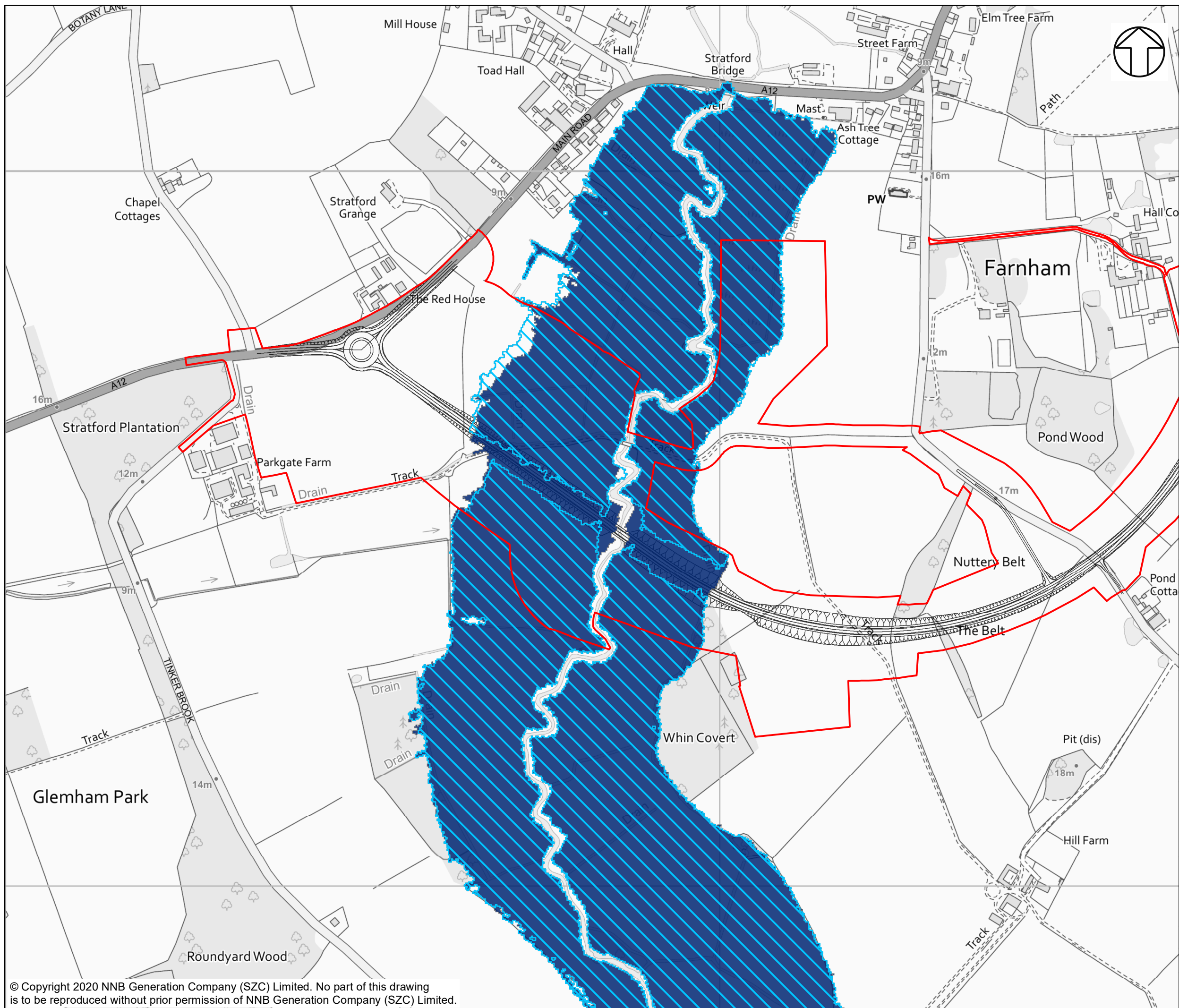
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 FLOOD RISK ASSESSMENT

DRAWING TITLE:
 FLUVIAL MODELLING DIFFERENCE BETWEEN
 BASELINE AND WITH SCHEME FLOOD EXTENT
 FOR 1 IN 1000-YEAR EVENT WITH 35%
 FOR CLIMATE CHANGE ALLOWANCE

DRAWING NO:
 FIGURE 63

DATE: FEB 2020 **DRAWN:** E.H. **SCALE:** 1:5,000 @A3





NOTES

KEY

- TWO VILLAGE BYPASS DEVELOPMENT SITE BOUNDARY
- TWO VILLAGE BYPASS ROAD LAYOUT
- WITH SCHEME 1000YR +65%CC EVENT FLOOD EXTENT
- BASELINE 1000YR +65%CC EVENT FLOOD EXTENT

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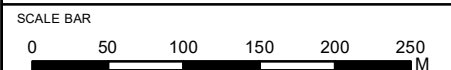


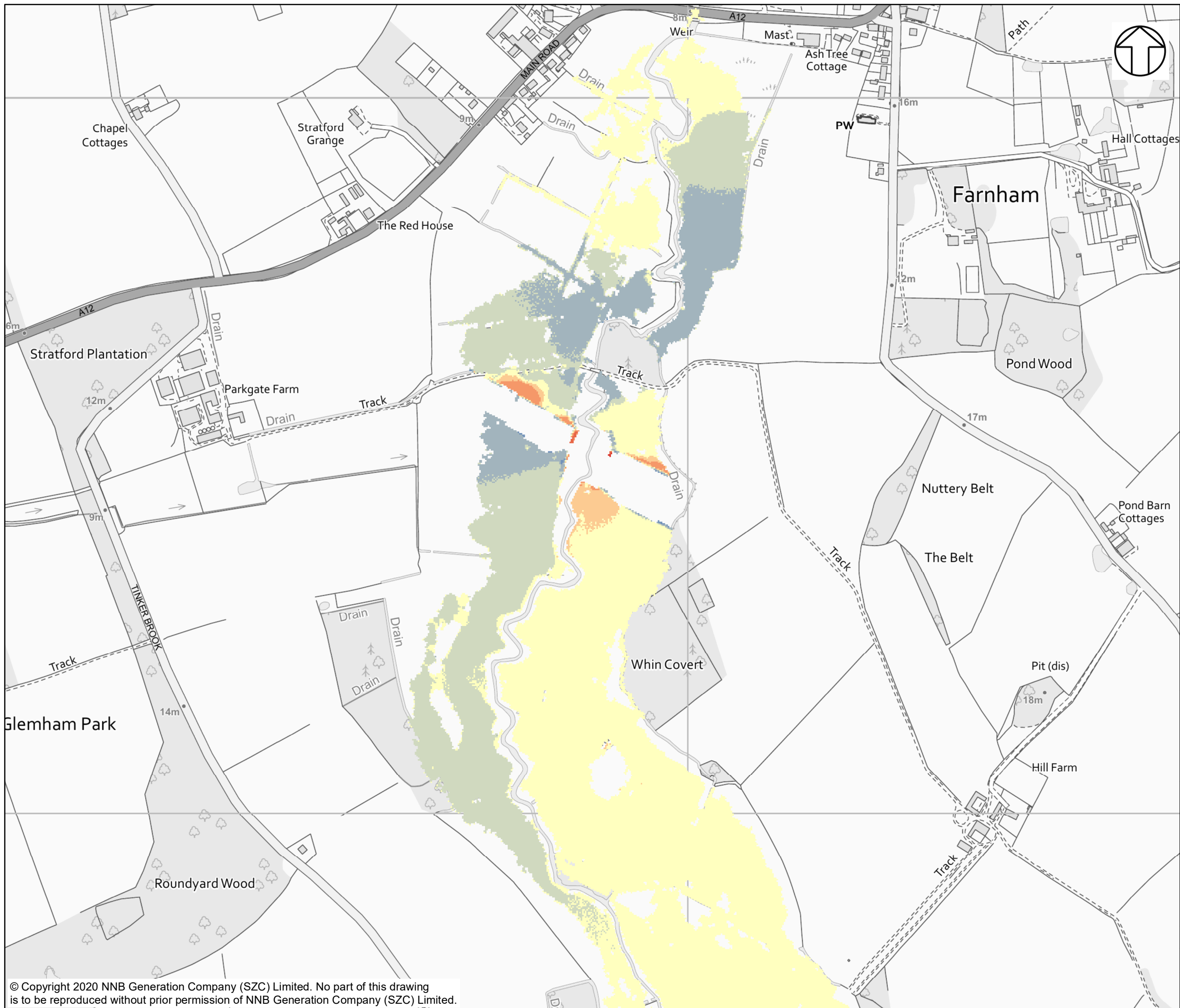
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 FOR CLIMATE CHANGE ALLOWANCE

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 FIGURE 64

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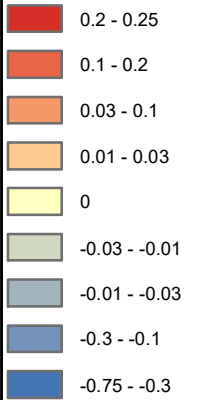


NOTES

KEY

DIFFERENCE 20 YEAR

DIFFERENCE IN FLOOD DEPTH (M)



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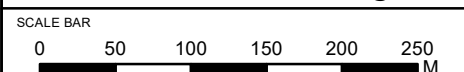


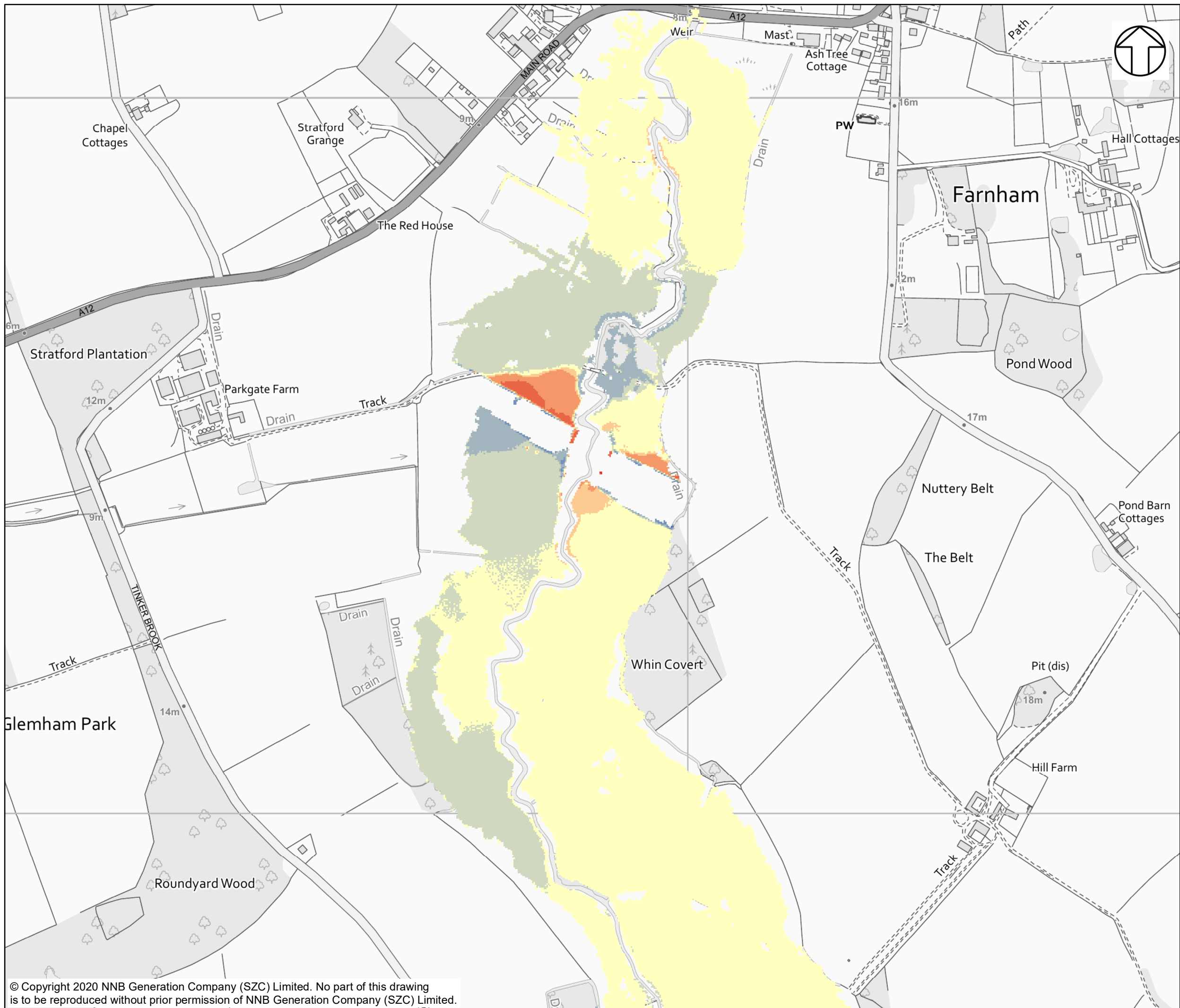
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 TWO VILLAGE BYPASS
 FLUVIAL MODEL RESULTS

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

DRAWING NO:
 FIGURE 65

DATE: FEB 2020 **DRAWN:** E.H. **SCALE:** 1:5,000 @A3





NOTES

KEY

DIFFERENCE 20 YEAR +35%CC

DIFFERENCE IN FLOOD DEPTH (M)

- 0.3 - 0.31
- 0.1 - 0.3
- 0.03 - 0.1
- 0.01 - 0.03
- 0
- 0.03 - -0.01
- 0.1 - -0.03
- 0.3 - -0.1
- 0.75 - -0.3



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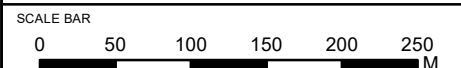


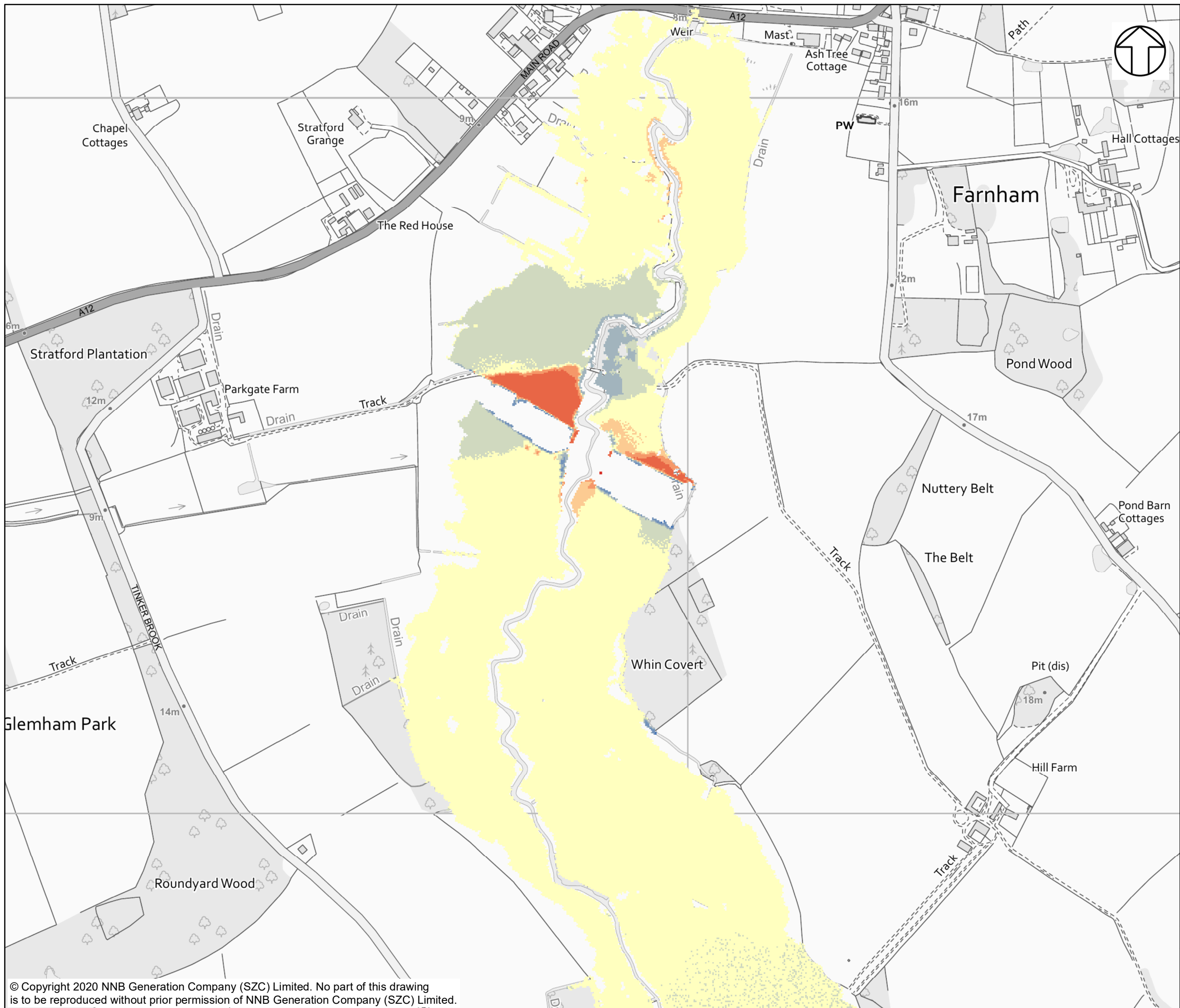
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 FLUVIAL MODELLING DIFFERENCE BETWEEN
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 FOR 1 IN 20-YEAR EVENT WITH 35% FOR
 CLIMATE CHANGE ALLOWANCE

DRAWING NO:
 FIGURE 66

DATE: FEB 2020 **DRAWN:** E.H. **SCALE:** 1:5,000 @A3





NOTES

KEY

DIFFERENCE 20 YEAR +65CC

DIFFERENCE IN FLOOD DEPTH (M)

- 0.3 - 0.35
- 0.1 - 0.3
- 0.03 - 0.1
- 0.01 - 0.03
- 0
- 0.03 - -0.01
- 0.1 - -0.03
- 0.3 - -0.1
- 0.75 - -0.3



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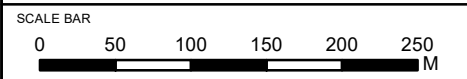


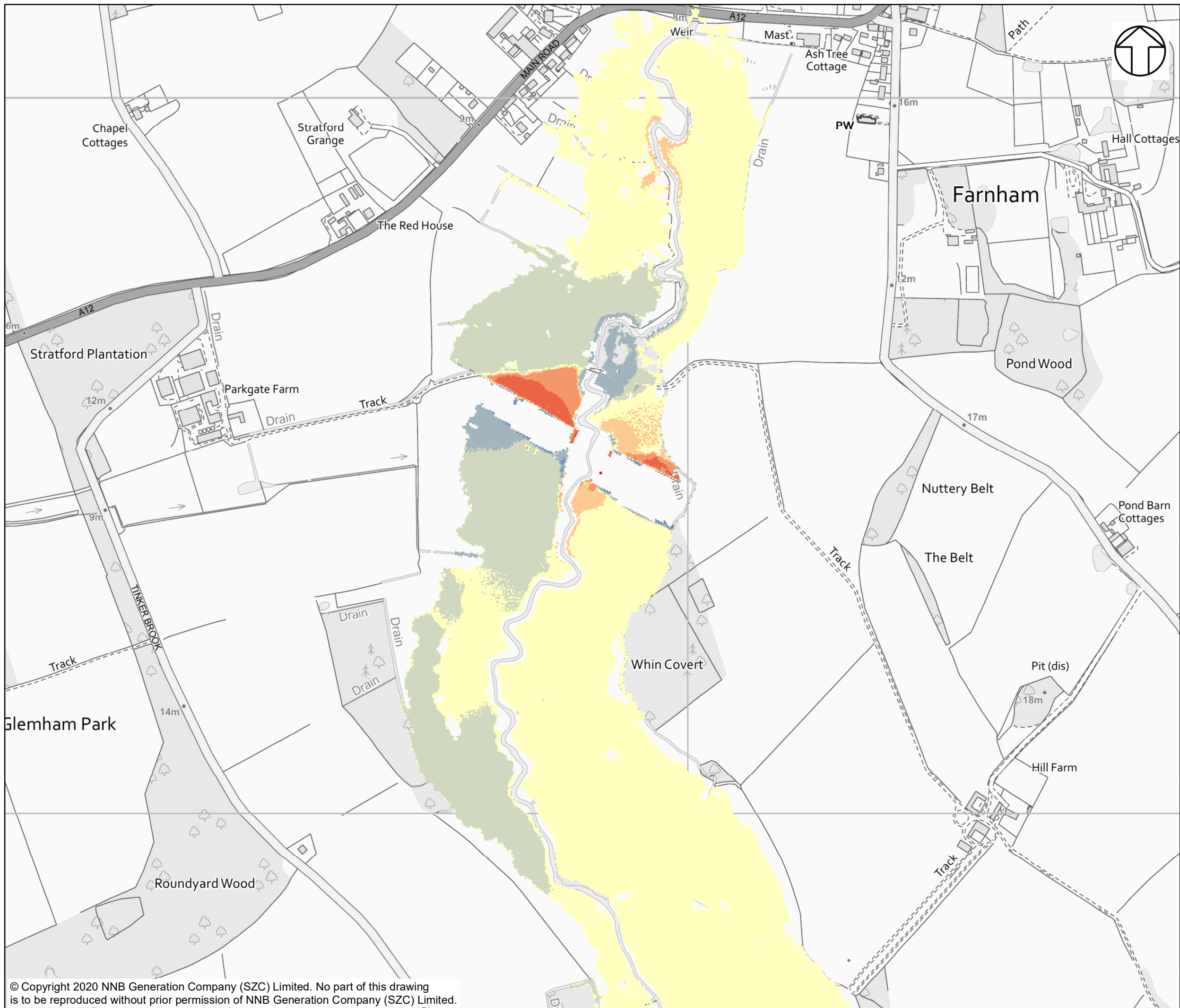
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 FOR 1 IN 20-YEAR EVENT WITH 65% FOR
 CLIMATE CHANGE ALLOWANCE

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 FIGURE 67

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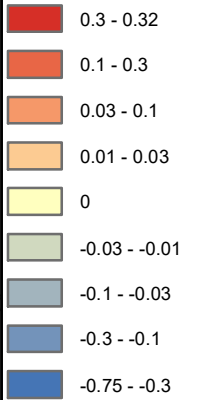


NOTES

KEY

DIFFERENCE 100 YEAR

DIFFERENCE IN FLOOD DEPTH (M)



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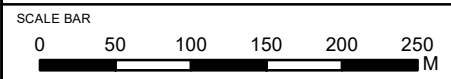


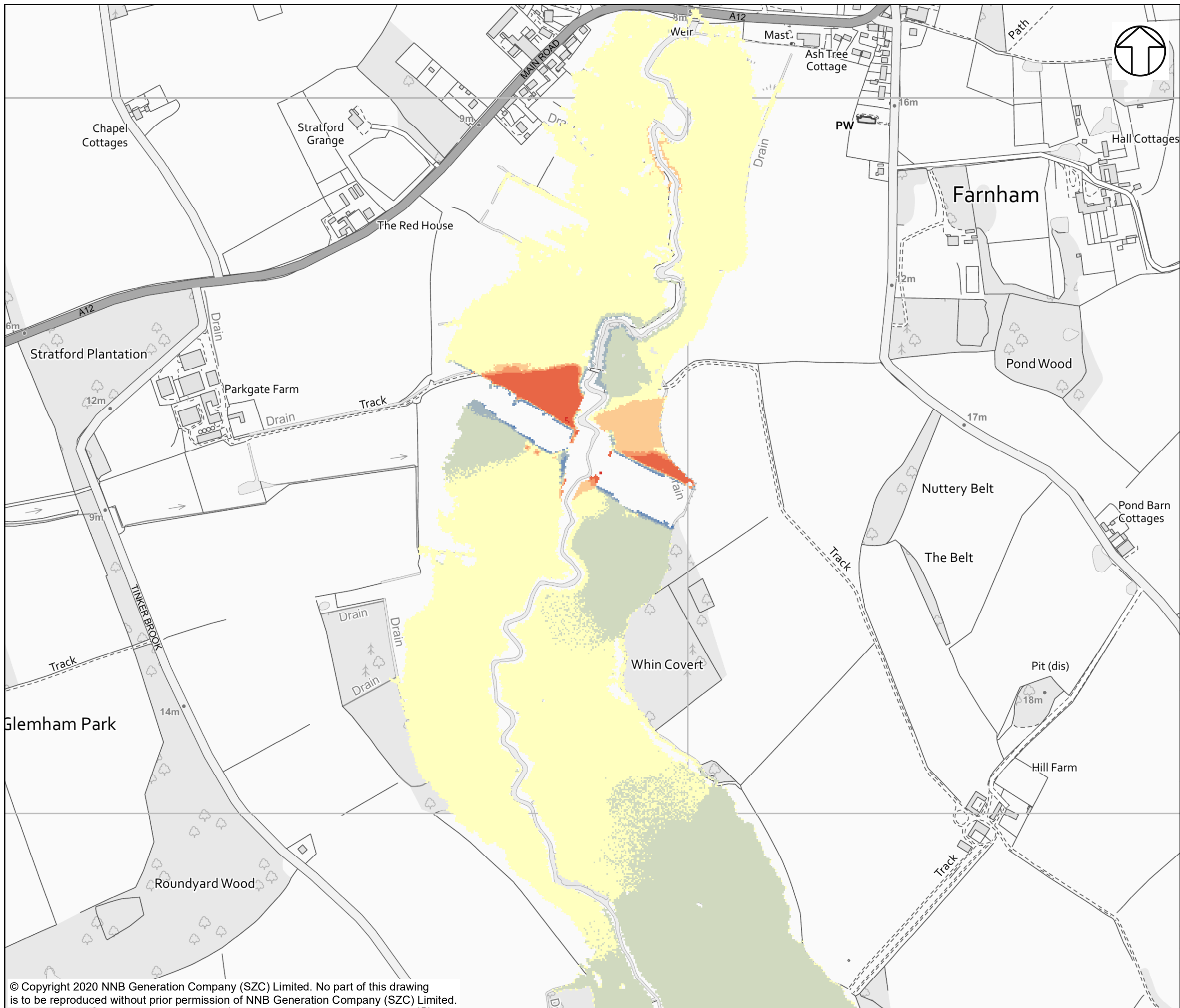
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 FLUVIAL MODELLING DIFFERENCE BETWEEN
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 FOR 1 IN 100-YEAR EVENT

DRAWING NO:
 FIGURE 68

DATE: FEB 2020 DRAWN: E.H. SCALE: 1:5,000 @A3





NOTES

KEY

DIFFERENCE 100 YEAR +35%CC

DIFFERENCE IN FLOOD DEPTH (M)

- 0.3 - 0.35
- 0.1 - 0.3
- 0.03 - 0.1
- 0.01 - 0.03
- 0
- 0.03 - -0.01
- 0.1 - -0.03
- 0.3 - -0.1
- 0.75 - -0.3



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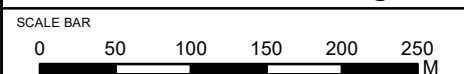


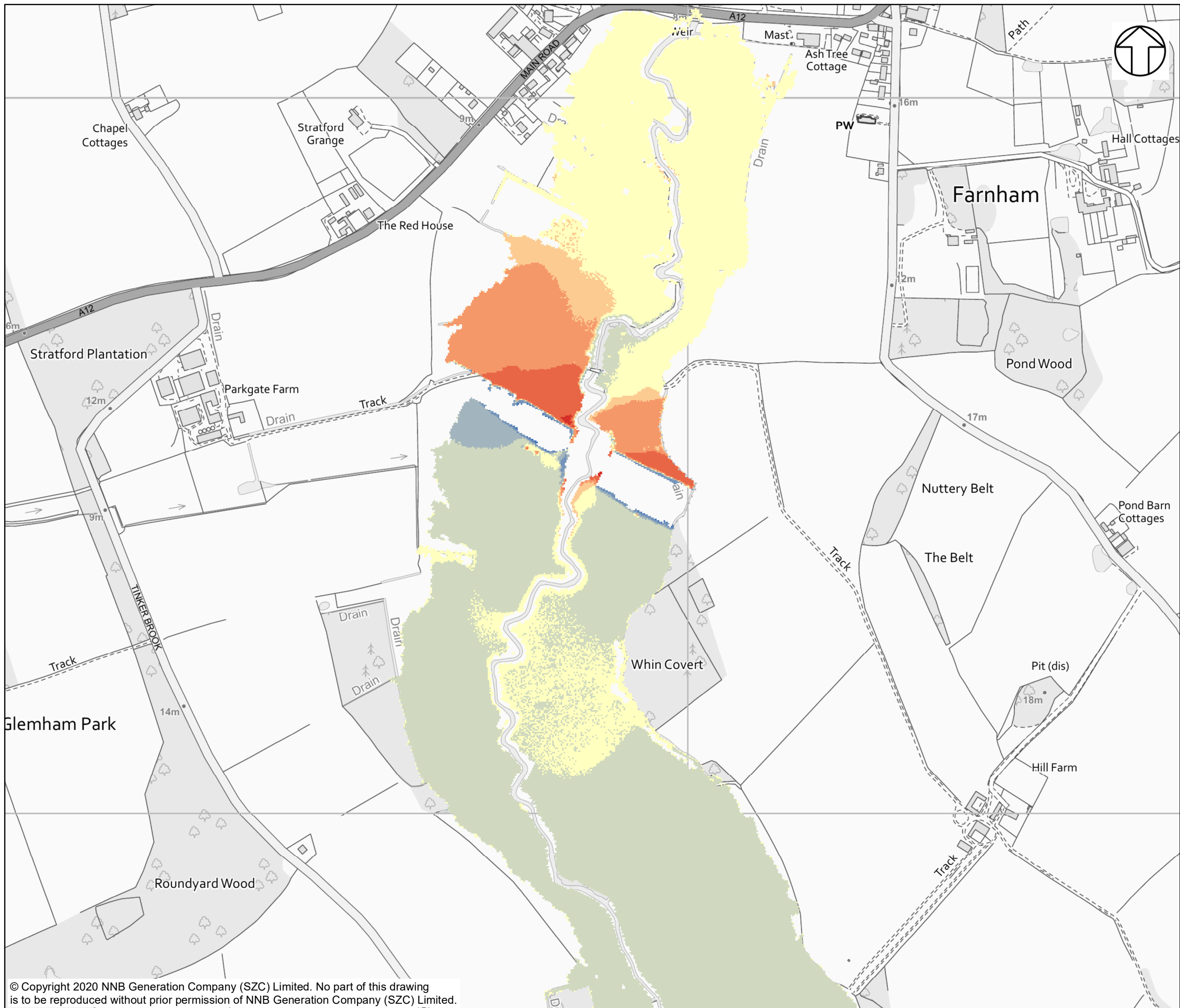
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 FIGURE 69

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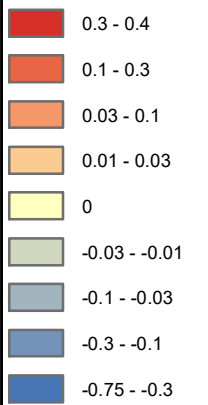




NOTES

KEY

DIFFERENCE 100 YEAR +65CC
DIFFERENCE IN FLOOD DEPTH (M)



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