



# The Sizewell C Project

## 5.2 Main Development Site Flood Risk Assessment Appendices 1-7 Part 9 of 14

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

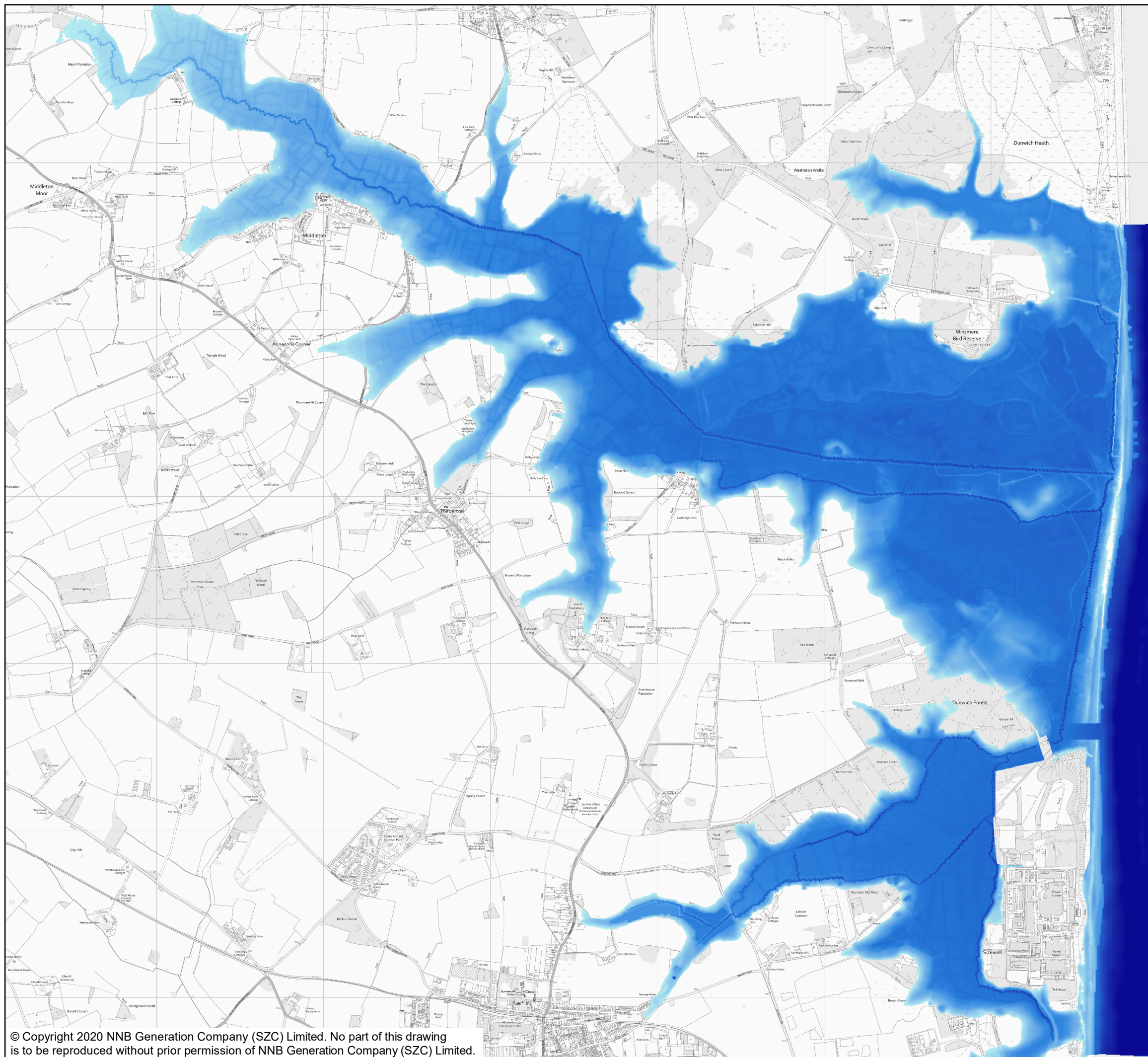
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May 2020

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





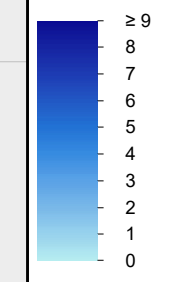


**NOTES**

**KEY**

**WITH SCHEME 200 YEAR BREACH EVENT 2190**

**FLOOD DEPTH (M)**



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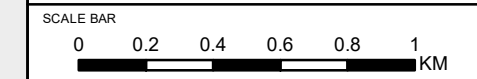


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 FLOOD RISK ASSESSMENT  
 BREACH / COASTAL INUNDATION  
 MODEL RESULTS

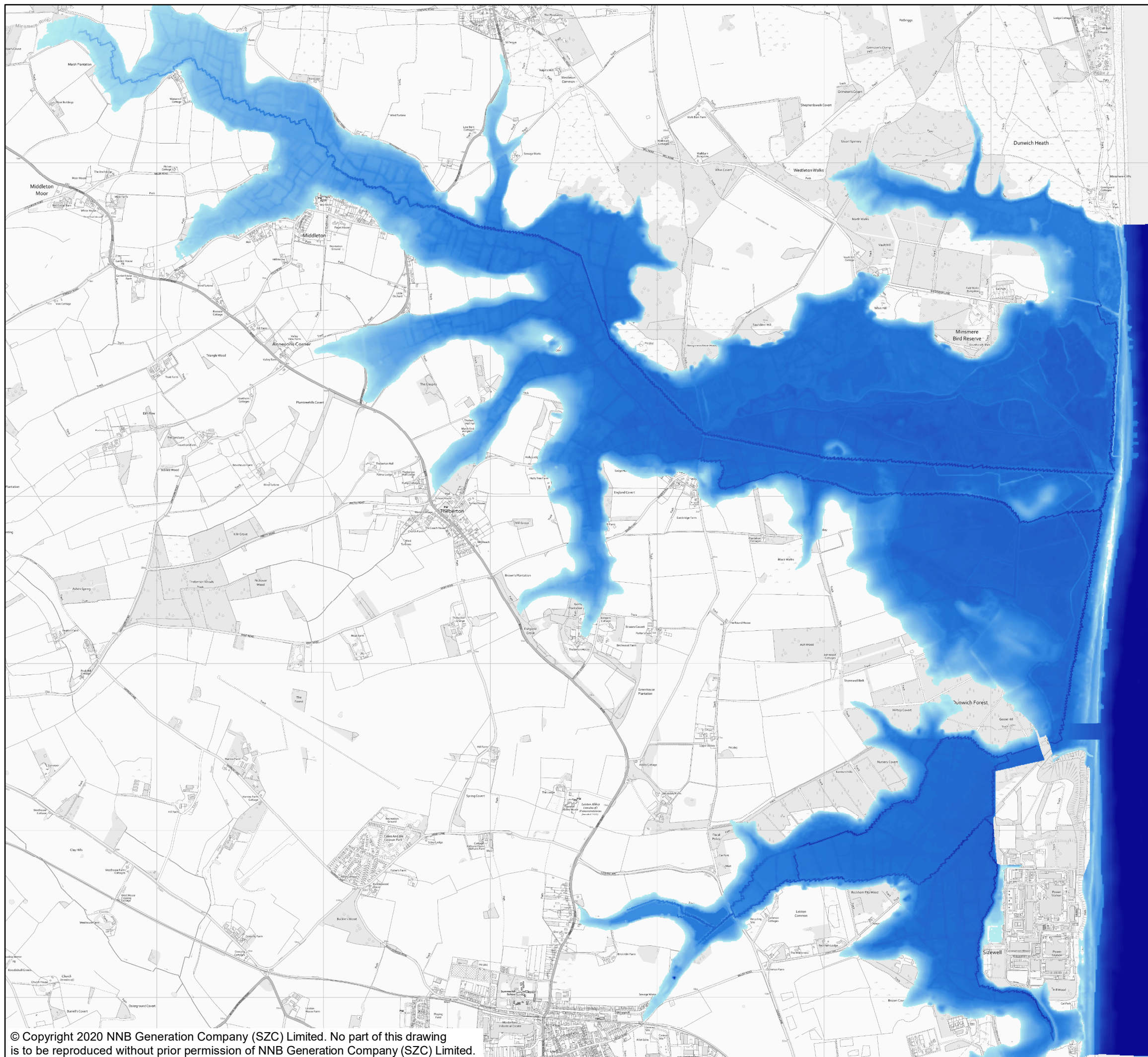
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**DRAWING NO:**  
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**DATE:** JAN 2020     **DRAWN:** P.S.     **SCALE:** 1:22,500 @A3





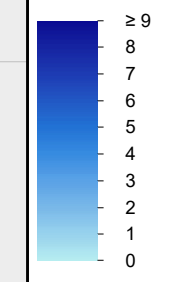


**NOTES**

**KEY**

**WITH SCHEME 1000 YEAR BREACH EVENT 2190**

**FLOOD DEPTH (M)**



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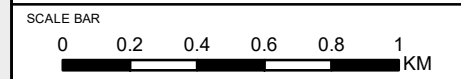


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 BREACH / COASTAL INUNDATION  
 MODEL RESULTS

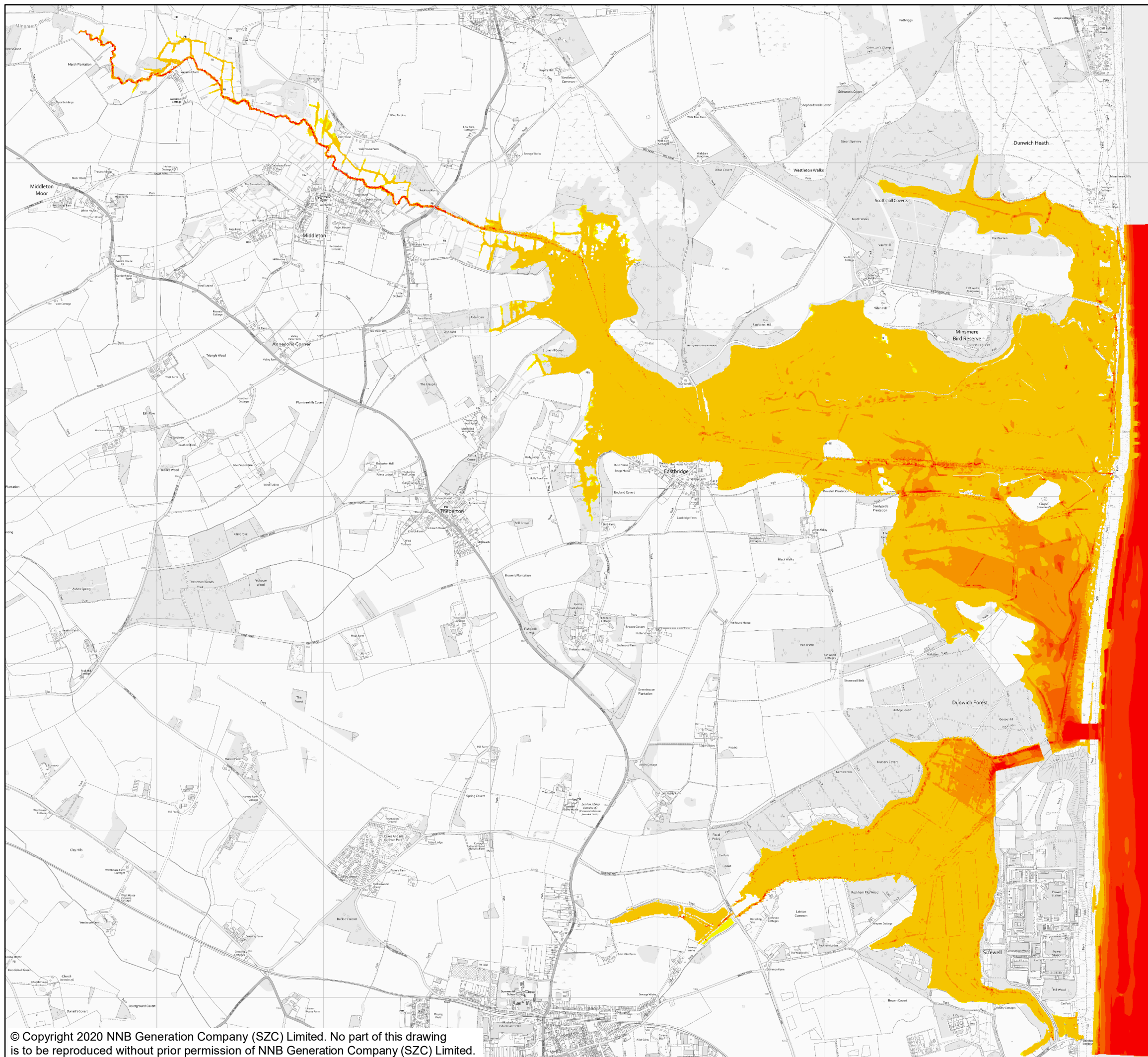
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 WITH SCHEME FLOOD DEPTH  
 1000 YEAR BREACH EVENT 2190

**DRAWING NO:**  
 FIGURE B.4

**DATE:** JAN 2020     **DRAWN:** P.S.     **SCALE:** 1:22,500 @A3







**NOTES**

**KEY**

**WITH SCHEME 200 YEAR BREACH EVENT 2030**

**MAX VELOCITY (M/S)**

- 0.00
- 0.00 - 0.25
- 0.25 - 0.50
- 0.50 - 0.75
- 0.75 - 1.00
- 1.00 - 1.50

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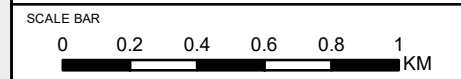


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 BREACH / COASTAL INUNDATION  
 MODEL RESULTS

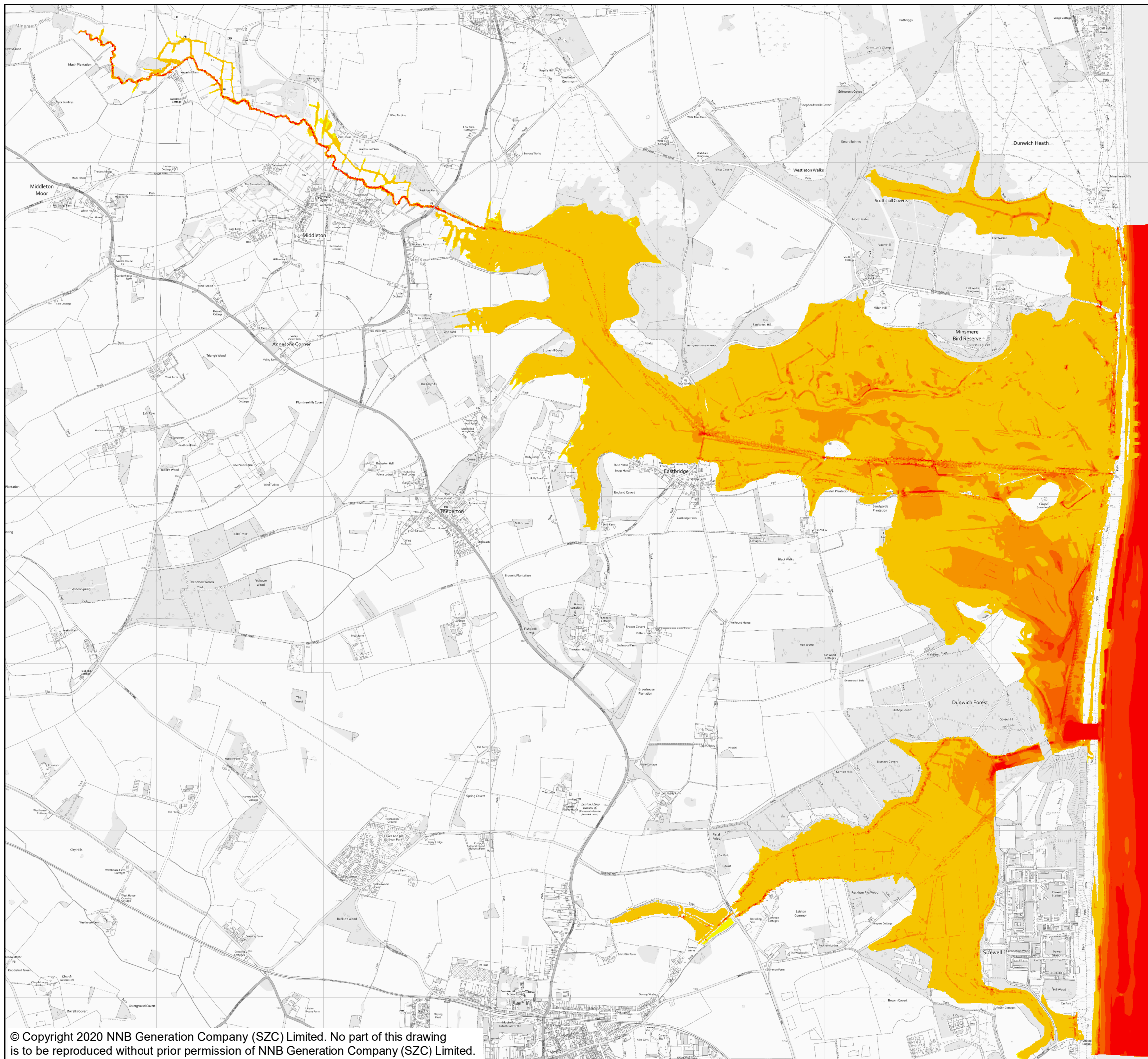
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 WITH SCHEME FLOOD VELOCITY  
 200 YEAR BREACH EVENT 2030

**DRAWING NO:**  
 FIGURE B.5

**DATE:** JAN 2020    **DRAWN:** P.S.    **SCALE:** 1:22,500 @A3







- NOTES**
- KEY**  
**WITH SCHEME 1000 YEAR BREACH EVENT 2030**
- MAX VELOCITY (M/S)**
- 0.00
  - 0.00 - 0.25
  - 0.25 - 0.50
  - 0.50 - 0.75
  - 0.75 - 1.00
  - 1.00 - 1.50

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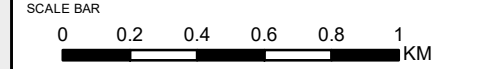


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 BREACH / COASTAL INUNDATION  
 MODEL RESULTS

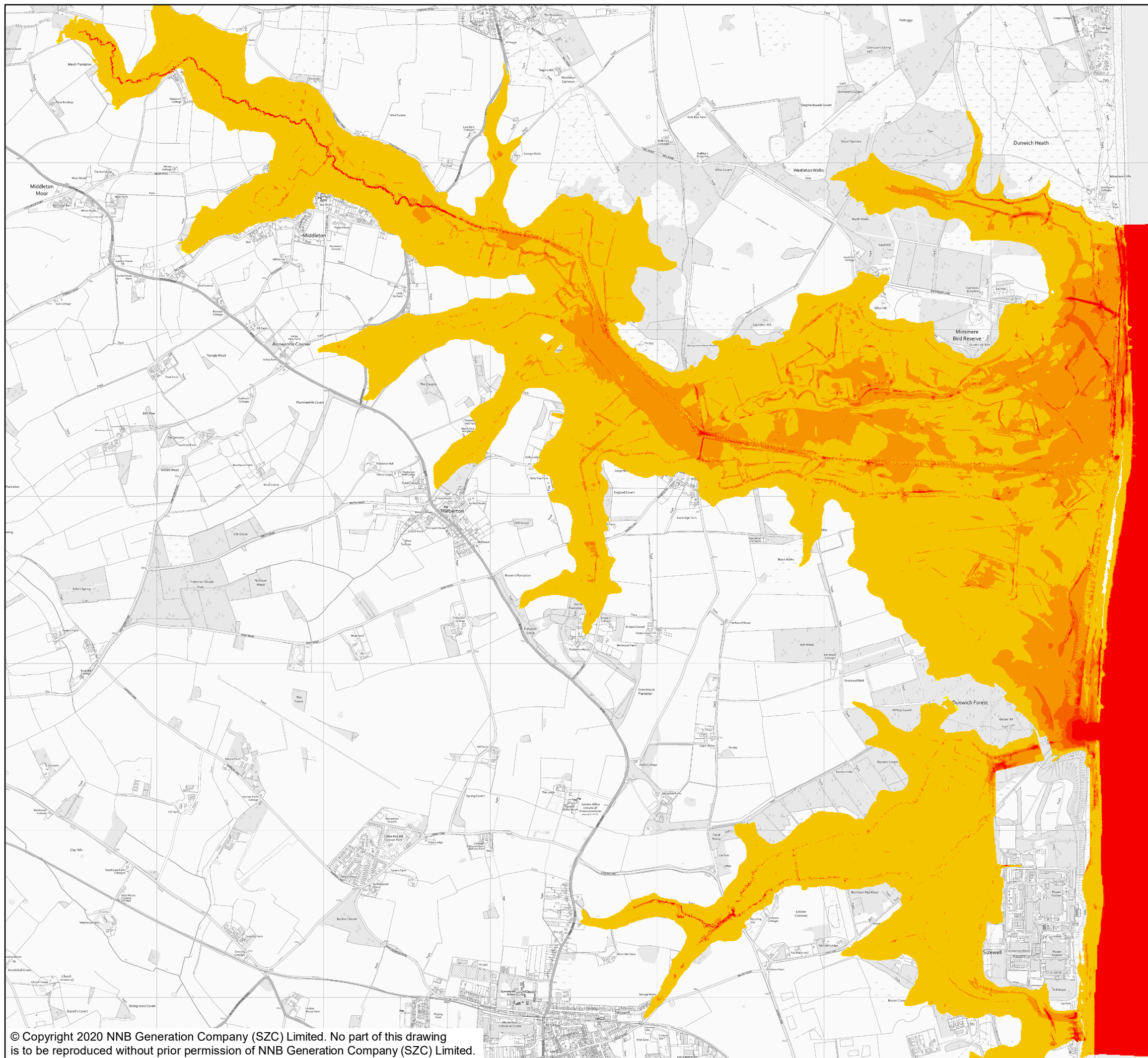
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 WITH SCHEME FLOOD VELOCITY  
 1000 YEAR BREACH EVENT 2030

**DRAWING NO:**  
 FIGURE B.6

**DATE:** JAN 2020      **DRAWN:** P.S.      **SCALE:** 1:22,500 @A3







**NOTES**

**KEY**

**WITH SCHEME 200 YEAR BREACH EVENT 2190  
MAX VELOCITY (M/S)**

- 0.00
- 0.00 - 0.25
- 0.25 - 0.50
- 0.50 - 0.75
- 0.75 - 1.00
- 1.00 - 1.50

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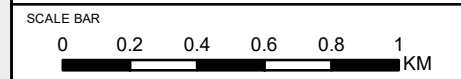


**DOCUMENT:**  
SIZEWELL C  
FLOOD RISK ASSESSMENT  
BREACH / COASTAL INUNDATION  
MODEL RESULTS

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WITH SCHEME FLOOD VELOCITY  
200 YEAR BREACH EVENT 2190

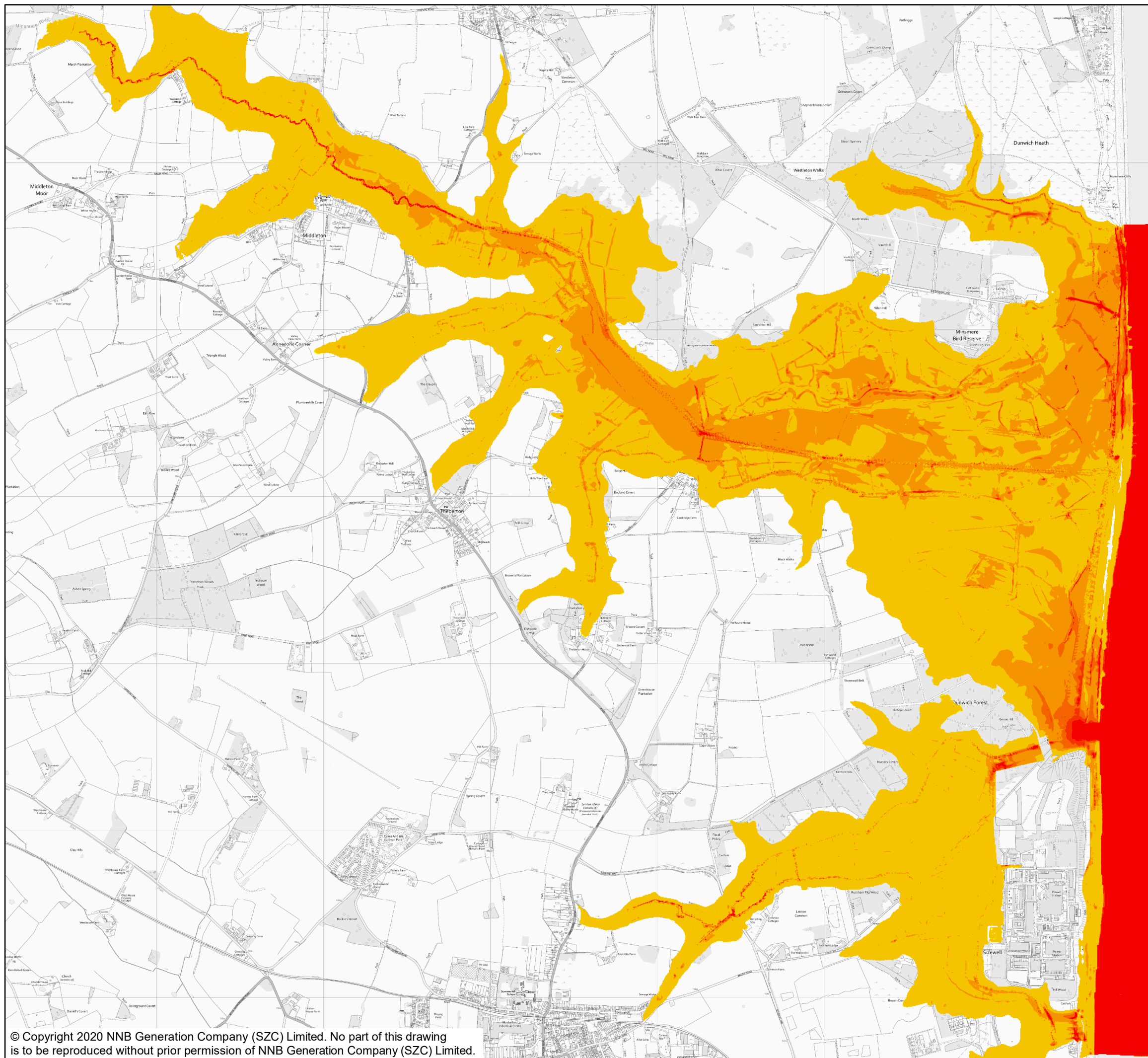
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**DATE:** JAN 2020     **DRAWN:** P.S.     **SCALE:** 1:22,500 @A3



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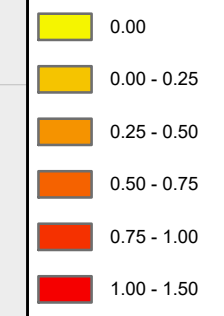




**NOTES**

**KEY**

**WITH SCHEME 1000 YEAR BREACH EVENT 2190  
MAX VELOCITY (M/S)**



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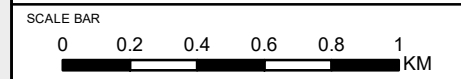


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MODEL RESULTS

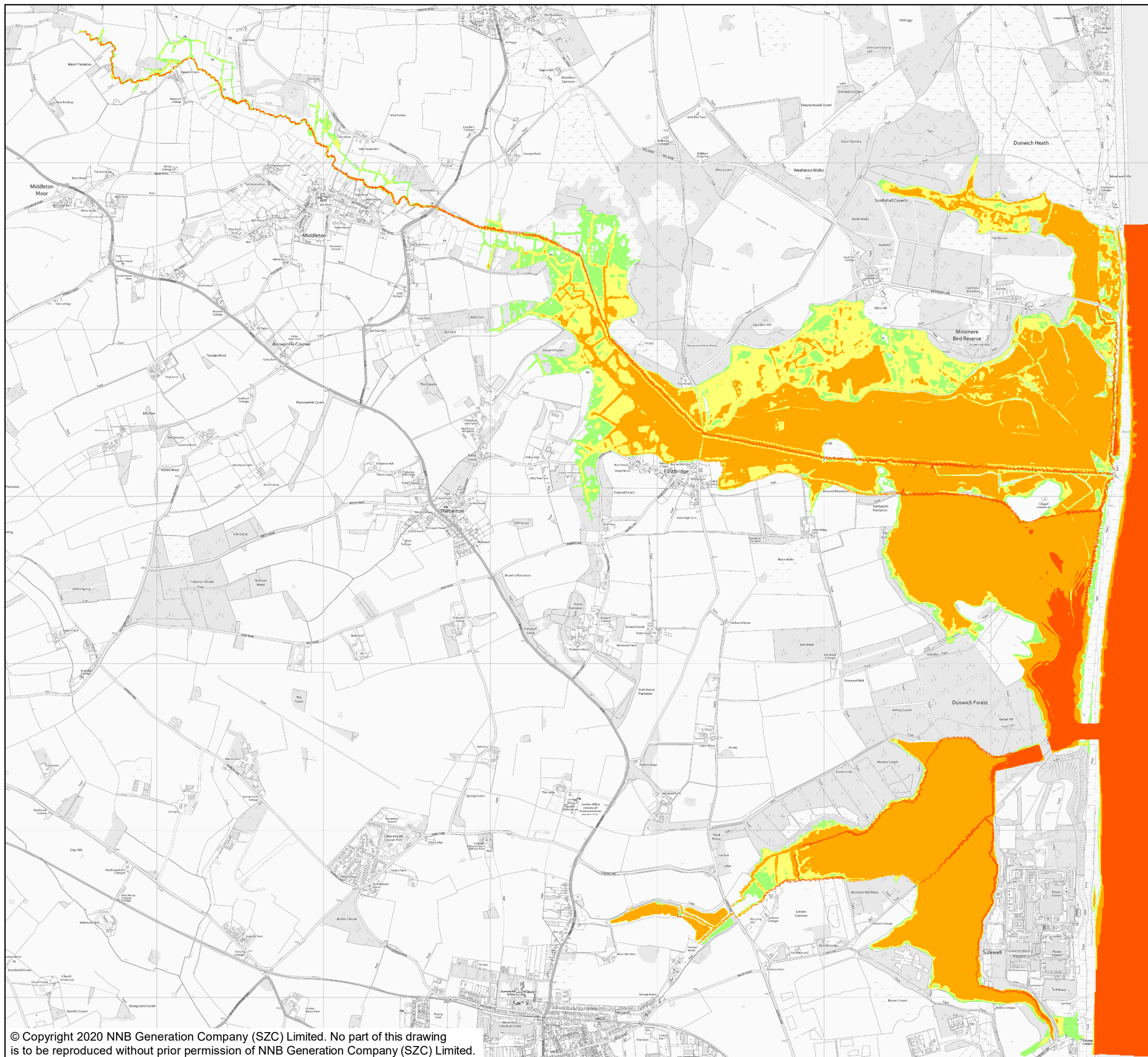
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WITH SCHEME FLOOD VELOCITY  
1000 YEAR BREACH EVENT 2190

**DRAWING NO:**  
FIGURE B.8

**DATE:** JAN 2020      **DRAWN:** P.S.      **SCALE:** 1:22,500 @A3







**NOTES**

**KEY**

**WITH SCHEME 200 YEAR BREACH EVENT 2030**

**MAX 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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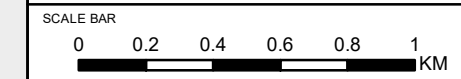


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 BREACH / COASTAL INUNDATION  
 MODEL RESULTS

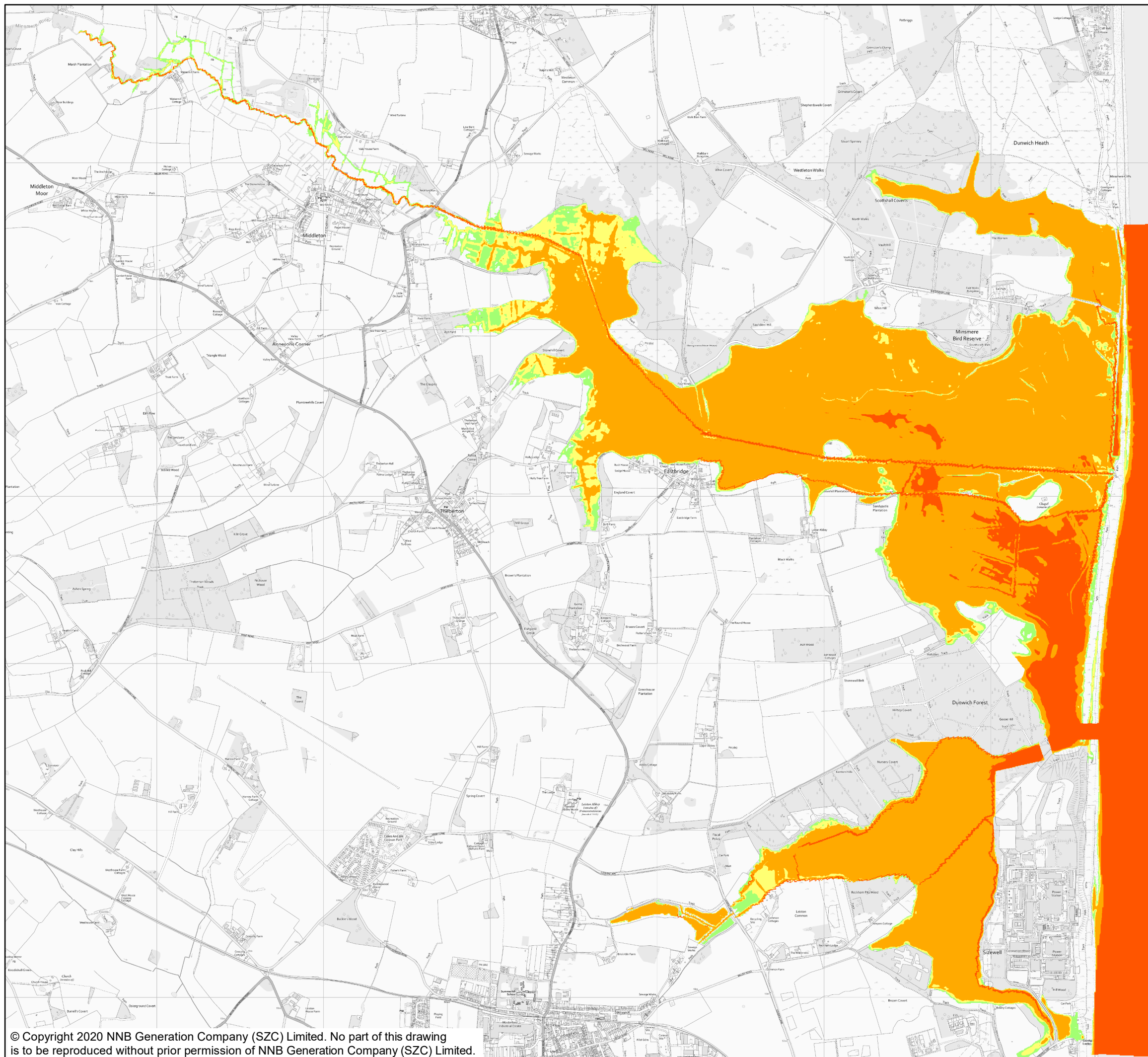
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 WITH SCHEME HAZARD MAP  
 200 YEAR BREACH EVENT 2030

**DRAWING NO:**  
 FIGURE B.9

**DATE:** JAN 2020      **DRAWN:** P.S.      **SCALE:** 1:22,500 @A3







**NOTES**

**KEY**

**WITH SCHEME 1000 YEAR BREACH EVENT 2030**

**MAX 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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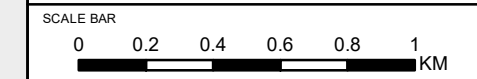


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 BREACH / COASTAL INUNDATION  
 MODEL RESULTS

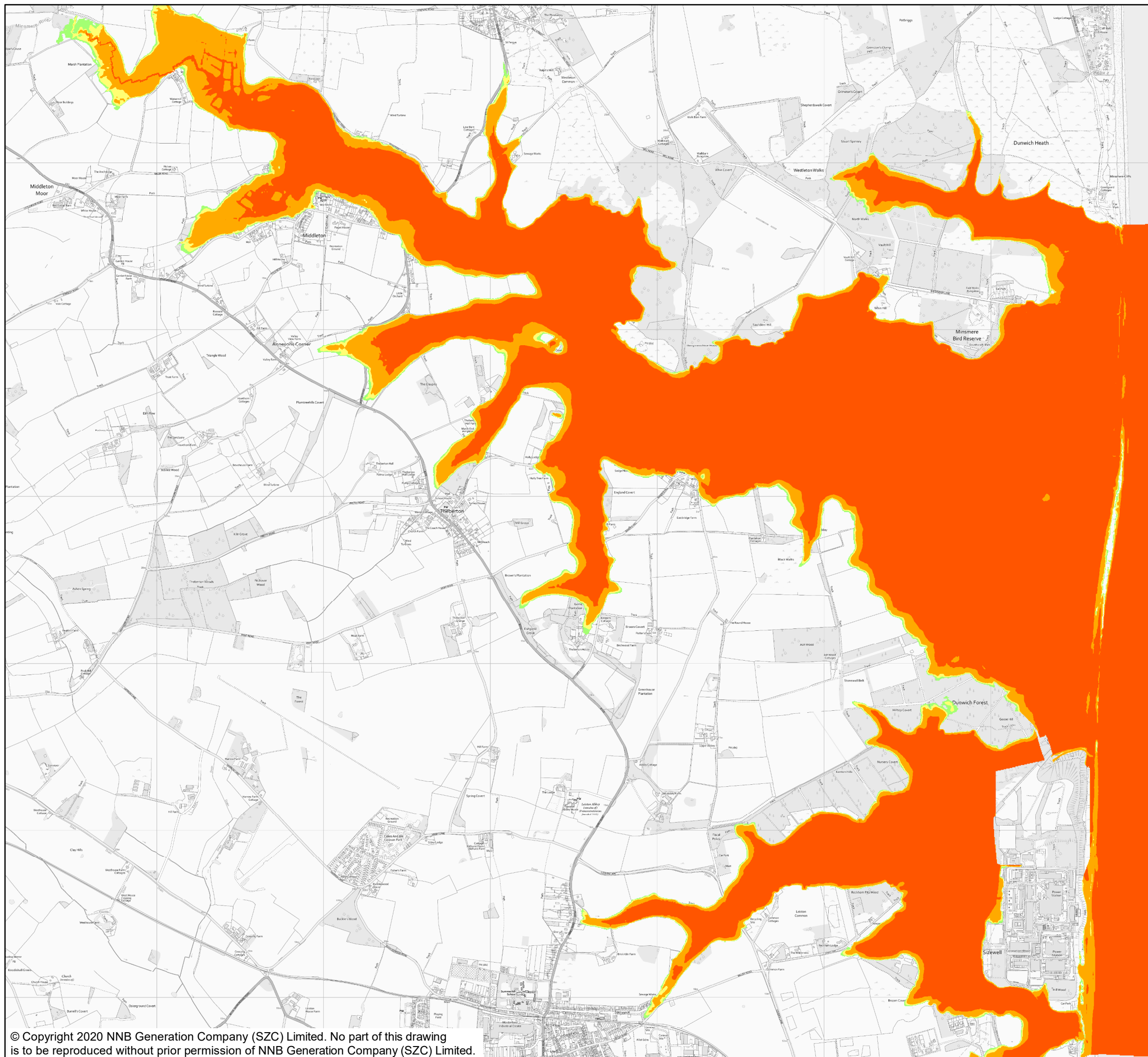
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 WITH SCHEME HAZARD MAP  
 1000 YEAR BREACH EVENT 2030

**DRAWING NO:**  
 FIGURE B.10

**DATE:** JAN 2020      **DRAWN:** P.S.      **SCALE:** 1:22,500 @A3







**NOTES**

**KEY**

**WITH SCHEME 200 YEAR BREACH EVENT 2190**

**MAX 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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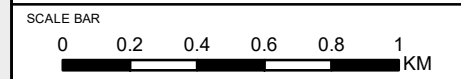


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 BREACH / COASTAL INUNDATION  
 MODEL RESULTS

**DRAWING TITLE:**  
 WITH SCHEME HAZARD MAP  
 200 YEAR BREACH EVENT 2190

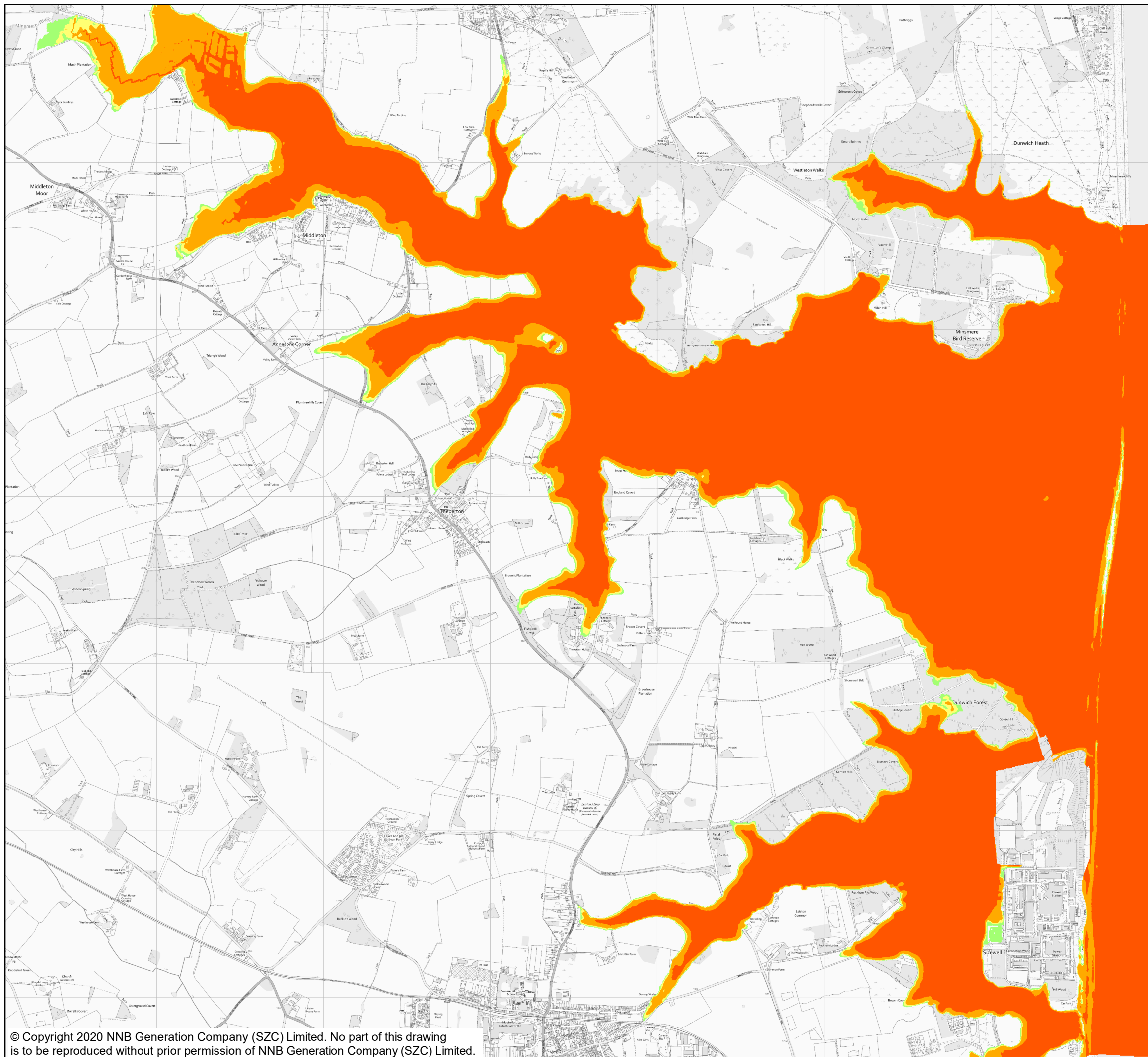
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**DATE:** JAN 2020      **DRAWN:** P.S.      **SCALE:** 1:22,500 @A3



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**NOTES**

**KEY**

**WITH SCHEME 1000 YEAR BREACH EVENT 2190**

**MAX 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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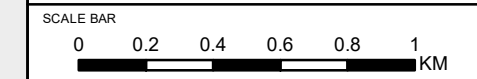


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 MODEL RESULTS

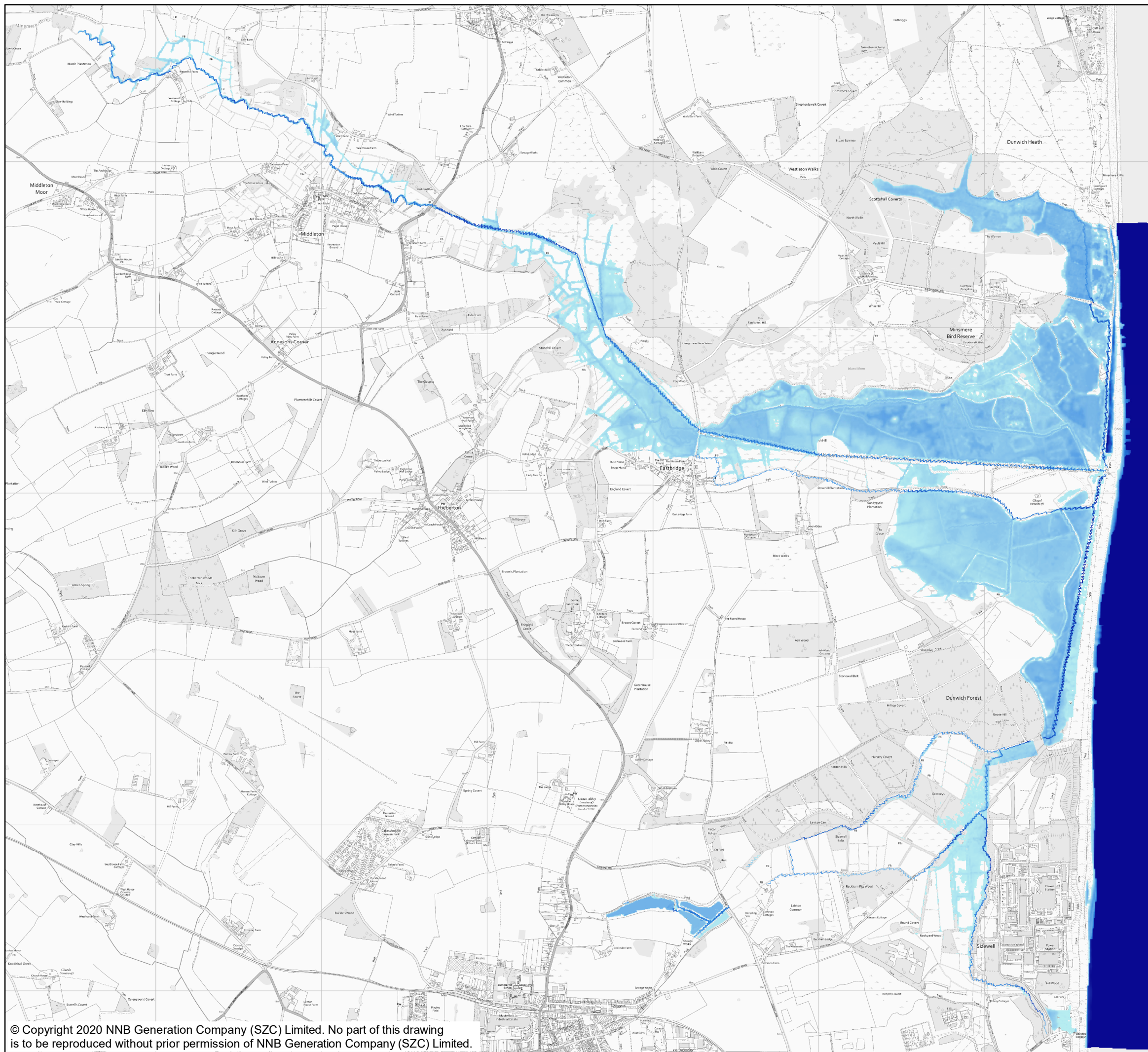
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 WITH SCHEME HAZARD MAP  
 1000 YEAR BREACH EVENT 2190

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**DATE:** JAN 2020      **DRAWN:** P.S.      **SCALE:** 1:22,500 @A3





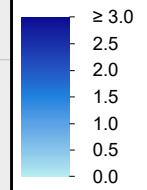


**NOTES**

**KEY**

**WITH SCHEME 200 YEAR COASTAL INUNDATION EVENT 2030**

**FLOOD DEPTH (M)**



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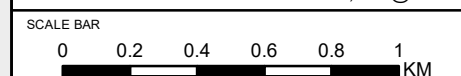


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 MODEL RESULTS

**DRAWING TITLE:**  
 WITH SCHEME FLOOD DEPTH  
 200 YEAR COASTAL INUNDATION EVENT 2030

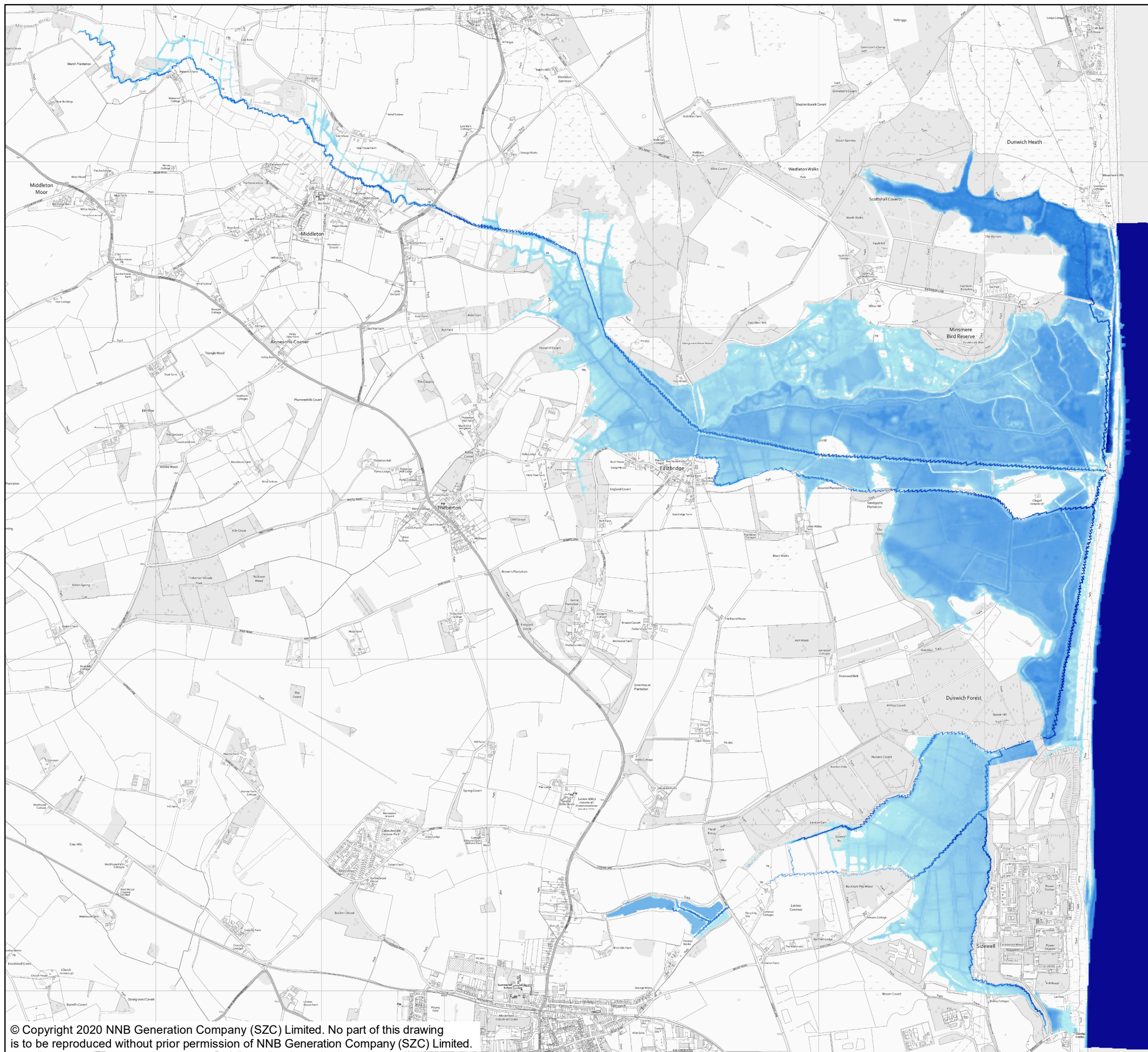
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**DATE:** JAN 2020      **DRAWN:** P.S.      **SCALE:** 1:22,500 @A3



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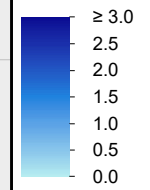


**NOTES**

**KEY**

**WITH SCHEME 1000 YEAR COASTAL INUNDATION EVENT 2030**

**FLOOD DEPTH (M)**



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**DRAWING TITLE:**  
 WITH SCHEME FLOOD DEPTH  
 1000 YEAR COASTAL INUNDATION EVENT 2030

**DRAWING NO:**  
 FIGURE B.14

**DATE:** JAN 2020      **DRAWN:** P.S.      **SCALE:** 1:22,500 @A3

