



The Sizewell C Project

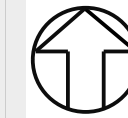
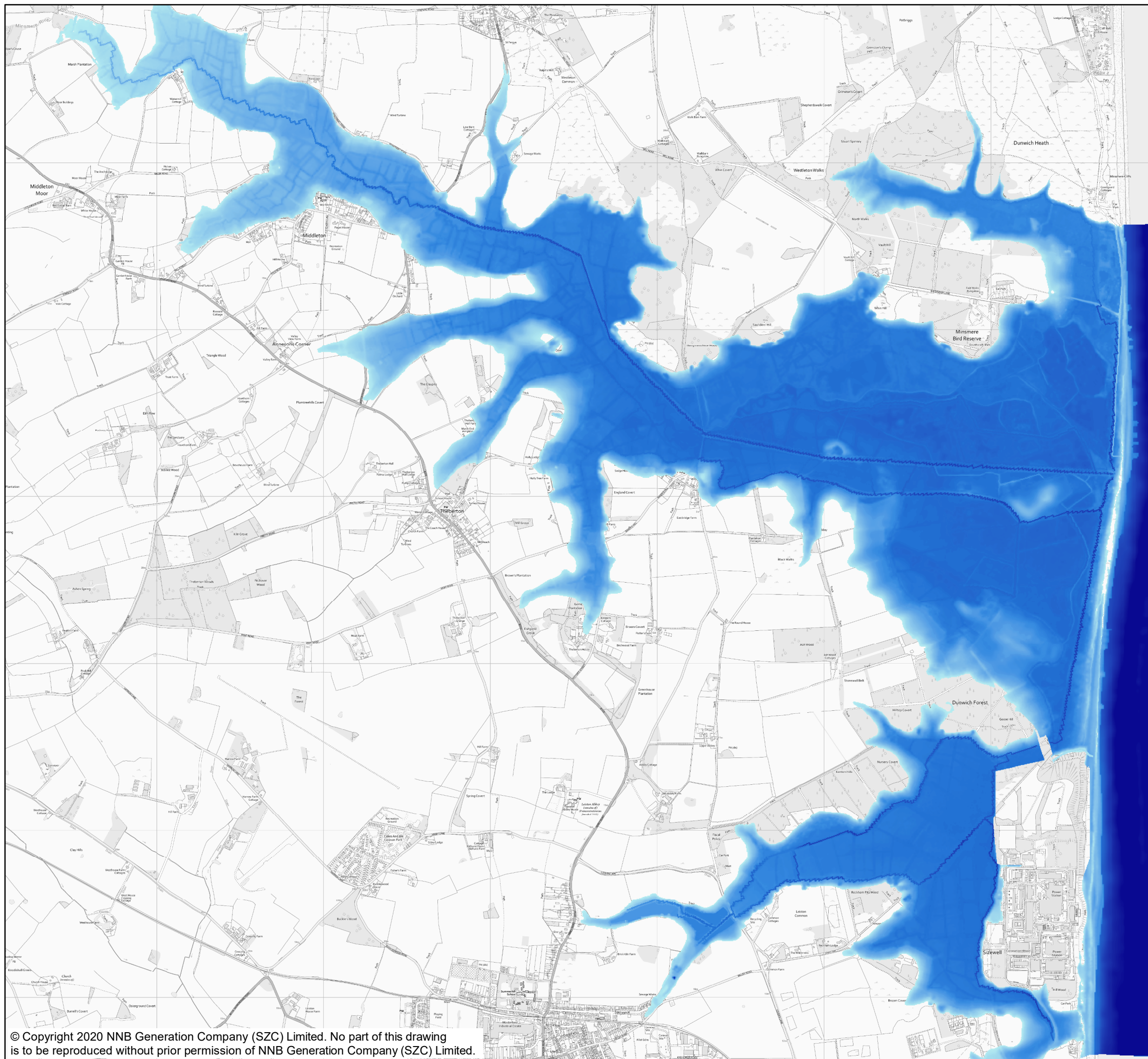
5.2 Main Development Site Flood Risk Assessment Appendices 1-7 Part 10 of 14

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



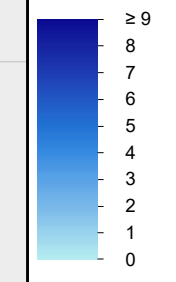


NOTES

KEY

WITH SCHEME 200 YEAR COASTAL INUNDATION EVENT 2190

FLOOD DEPTH (M)



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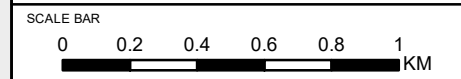


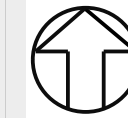
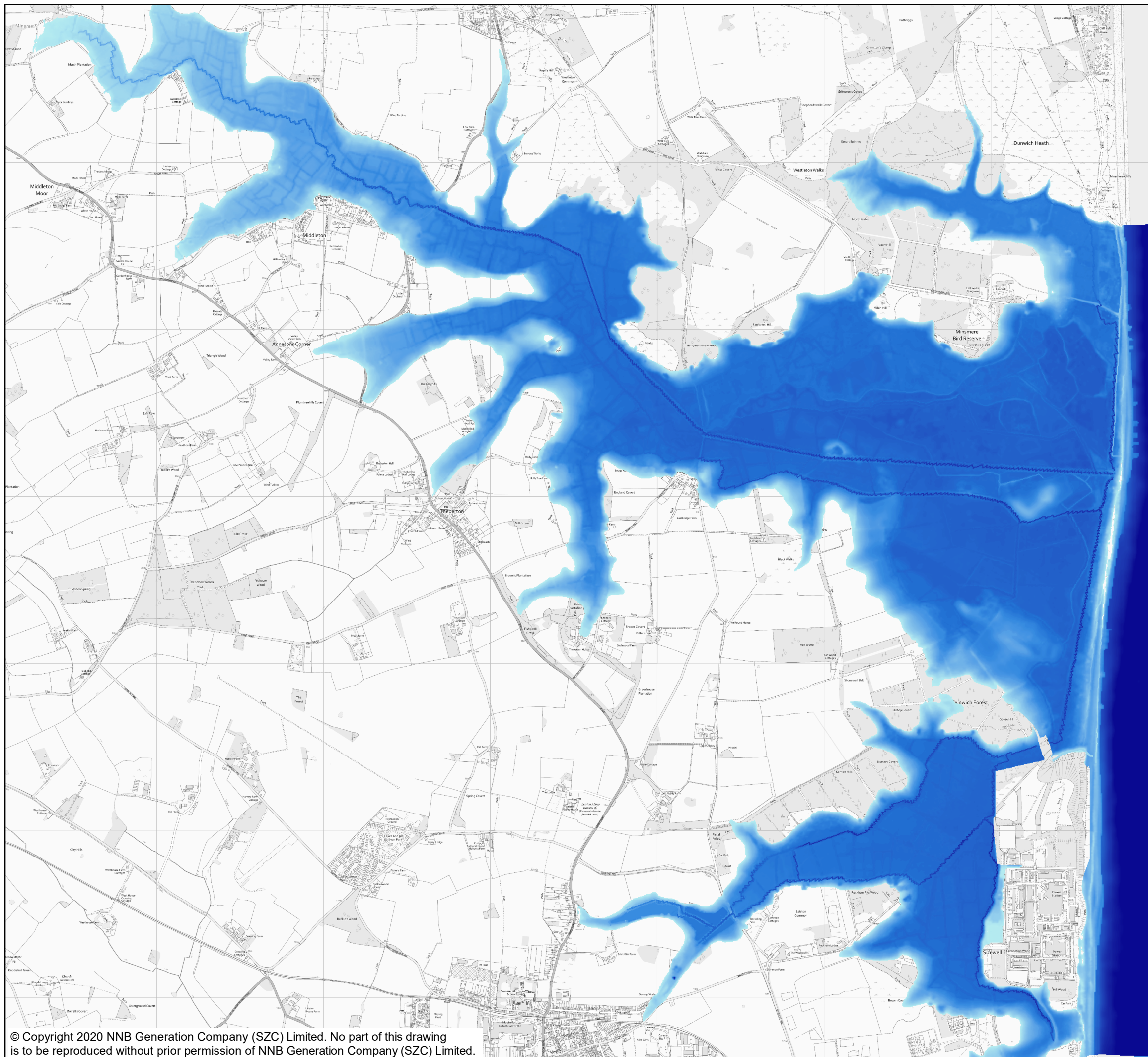
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 FLOOD RISK ASSESSMENT
 BREACH / COASTAL INUNDATION
 MODEL RESULTS

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 WITH SCHEME FLOOD DEPTH
 200 YEAR COASTAL INUNDATION EVENT 2190

DRAWING NO:
 FIGURE B.15

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



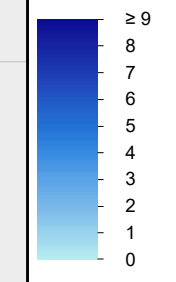


NOTES

KEY

WITH SCHEME 1000 YEAR COASTAL INUNDATION EVENT 2190

FLOOD DEPTH (M)



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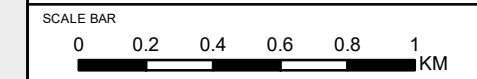


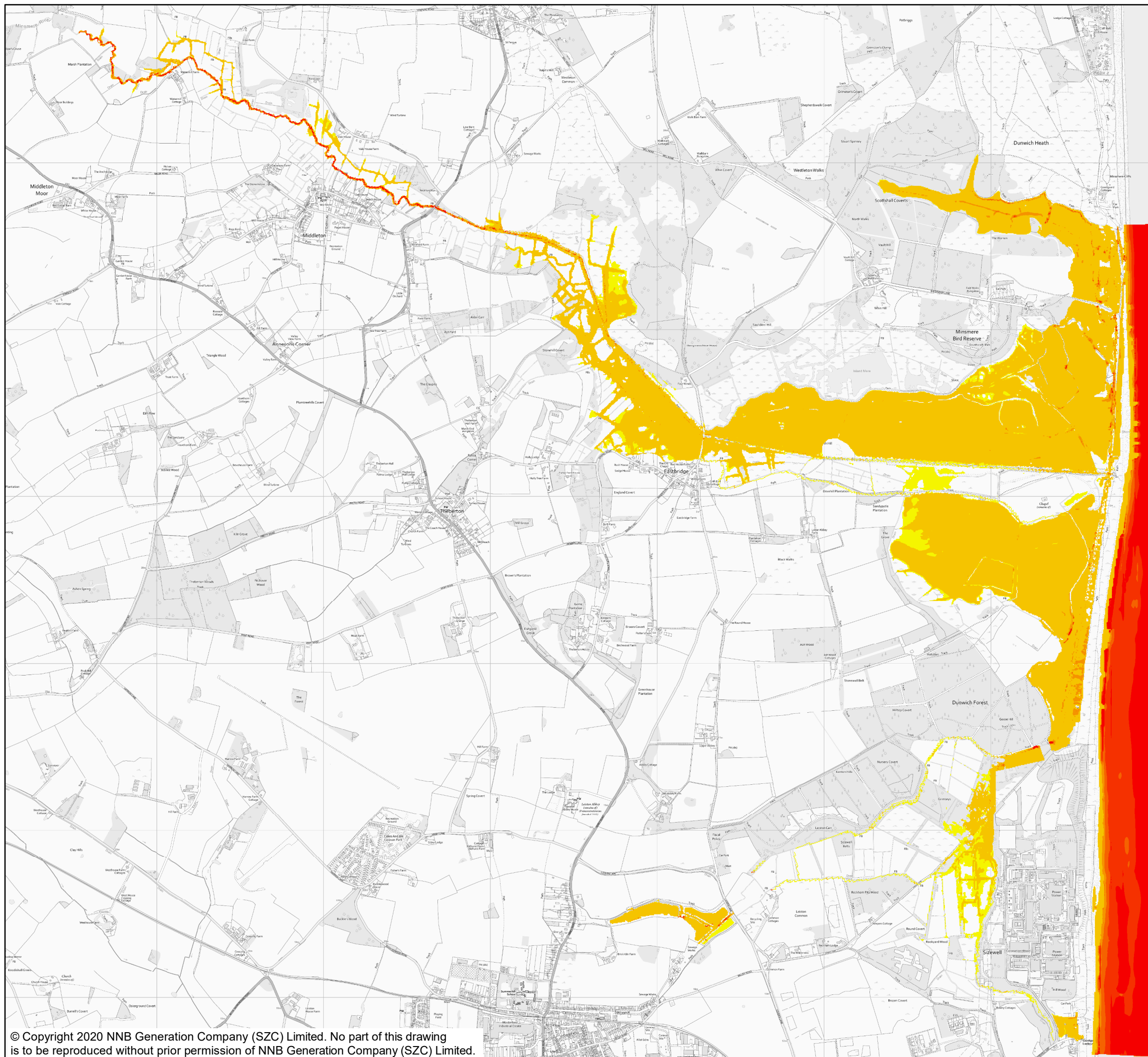
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 BREACH / COASTAL INUNDATION
 MODEL RESULTS

DRAWING TITLE:
 WITH SCHEME FLOOD DEPTH
 1000 YEAR COASTAL INUNDATION EVENT 2190

DRAWING NO:
 FIGURE B.16

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





NOTES

KEY

WITH SCHEME 200 YEAR COASTAL INUNDATION 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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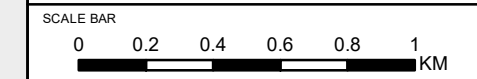


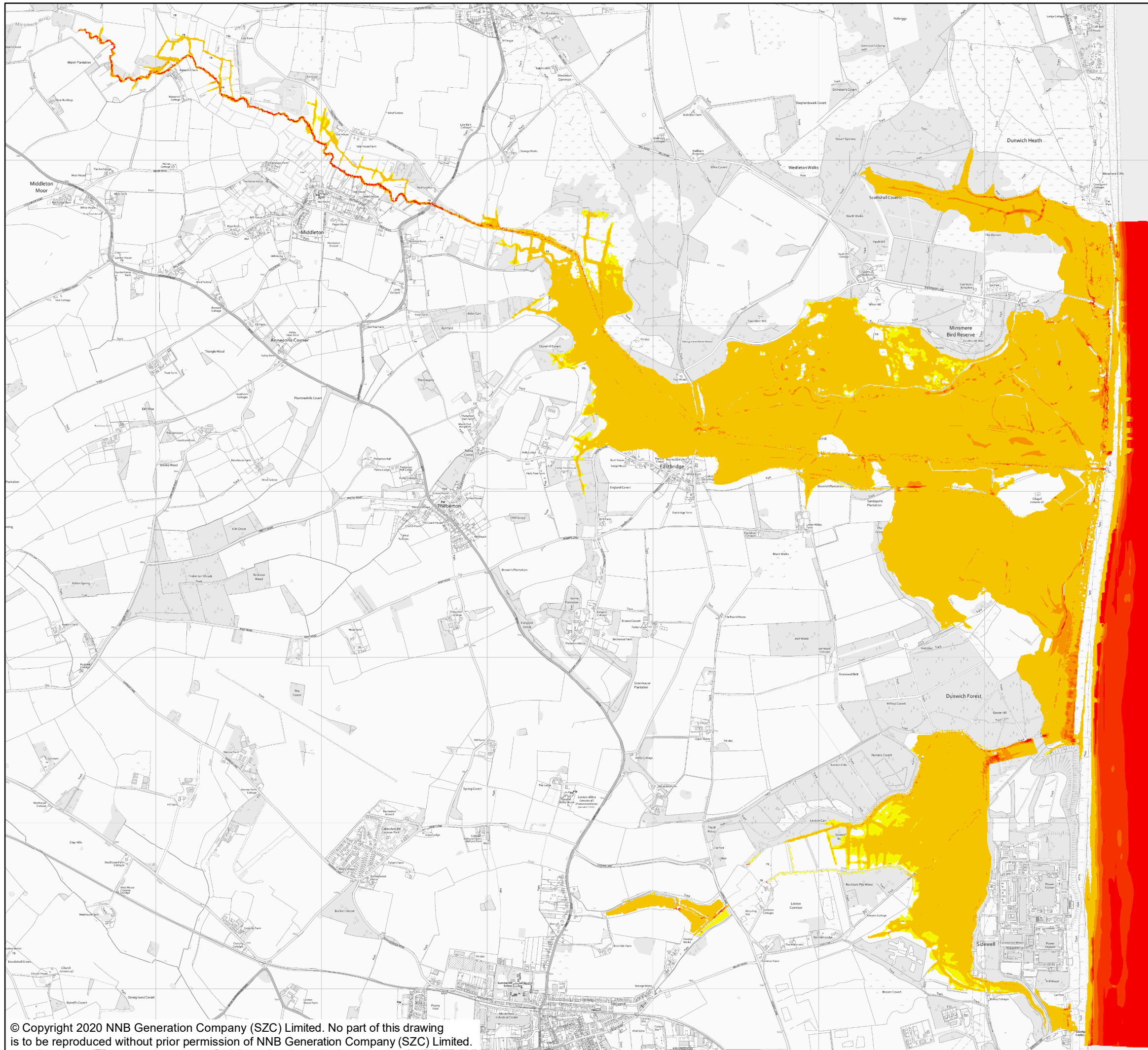
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 MODEL RESULTS

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 WITH SCHEME FLOOD VELOCITY
 200 YEAR COASTAL INUNDATION EVENT 2030

DRAWING NO:
 FIGURE B.17

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





NOTES

KEY

WITH SCHEME 1000 YEAR COASTAL INUNDATION 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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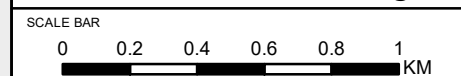


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 BREACH / COASTAL INUNDATION
 MODEL RESULTS

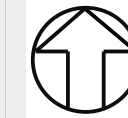
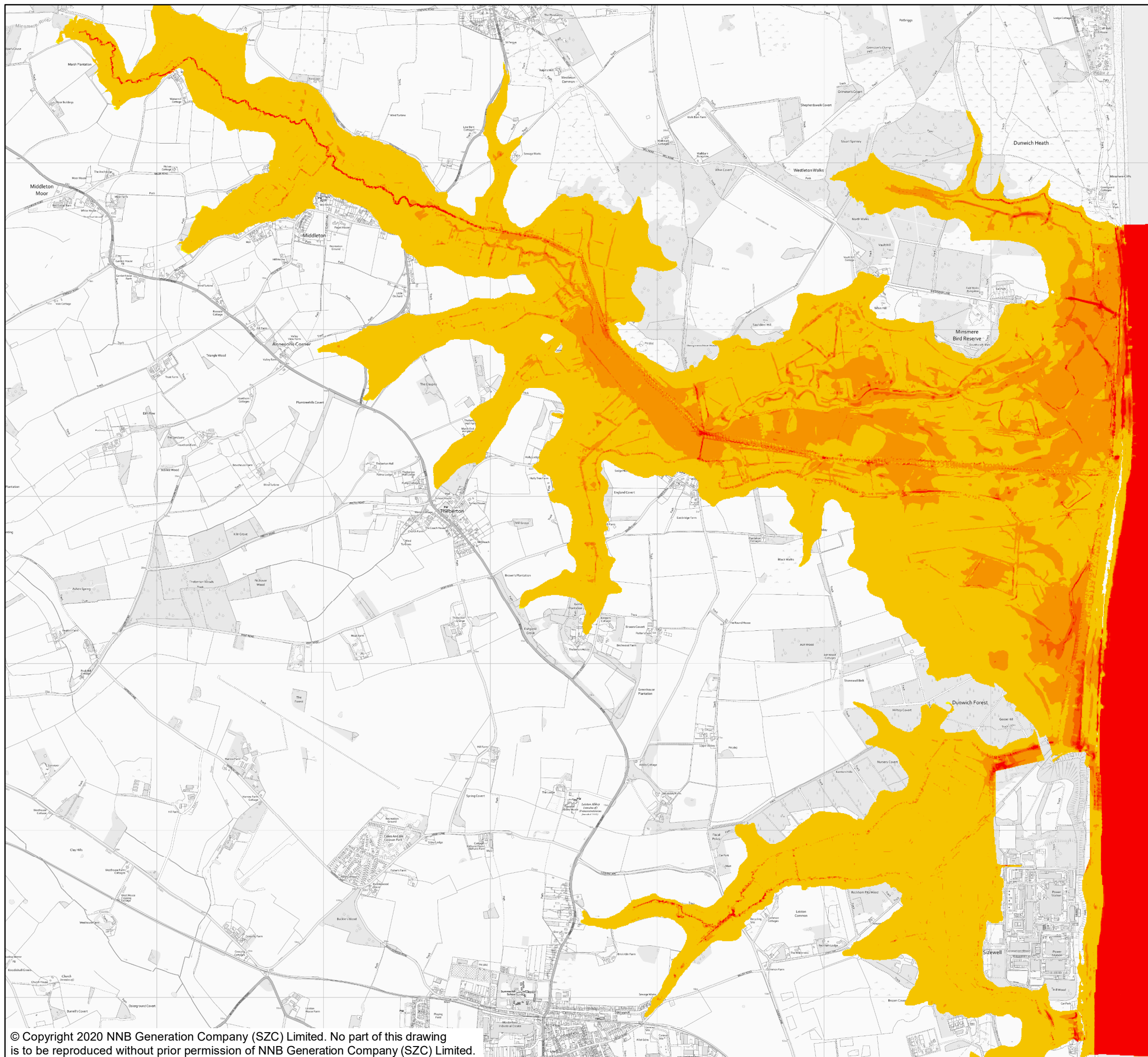
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 1000 YEAR COASTAL INUNDATION EVENT 2030

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 FIGURE B.18

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



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NOTES

KEY

WITH SCHEME 200 YEAR COASTAL INUNDATION 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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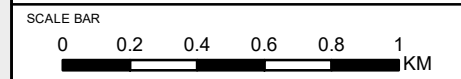


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 MODEL RESULTS

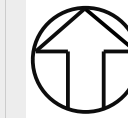
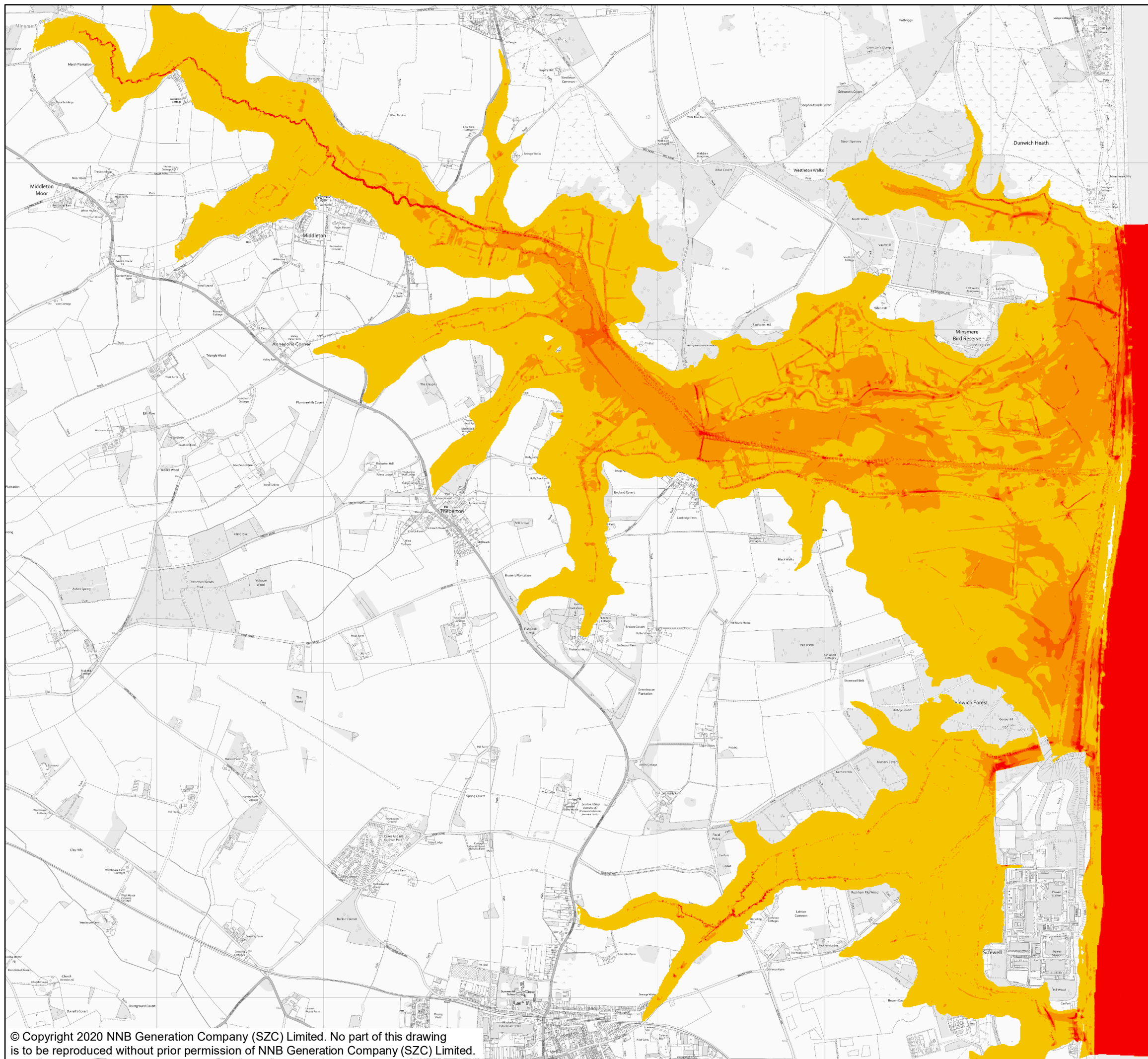
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 WITH SCHEME FLOOD VELOCITY
 200 YEAR COASTAL INUNDATION EVENT 2190

DRAWING NO:
 FIGURE B.19

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



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NOTES

KEY

WITH SCHEME 1000 YEAR COASTAL INUNDATION 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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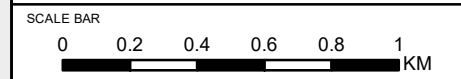


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 MODEL RESULTS

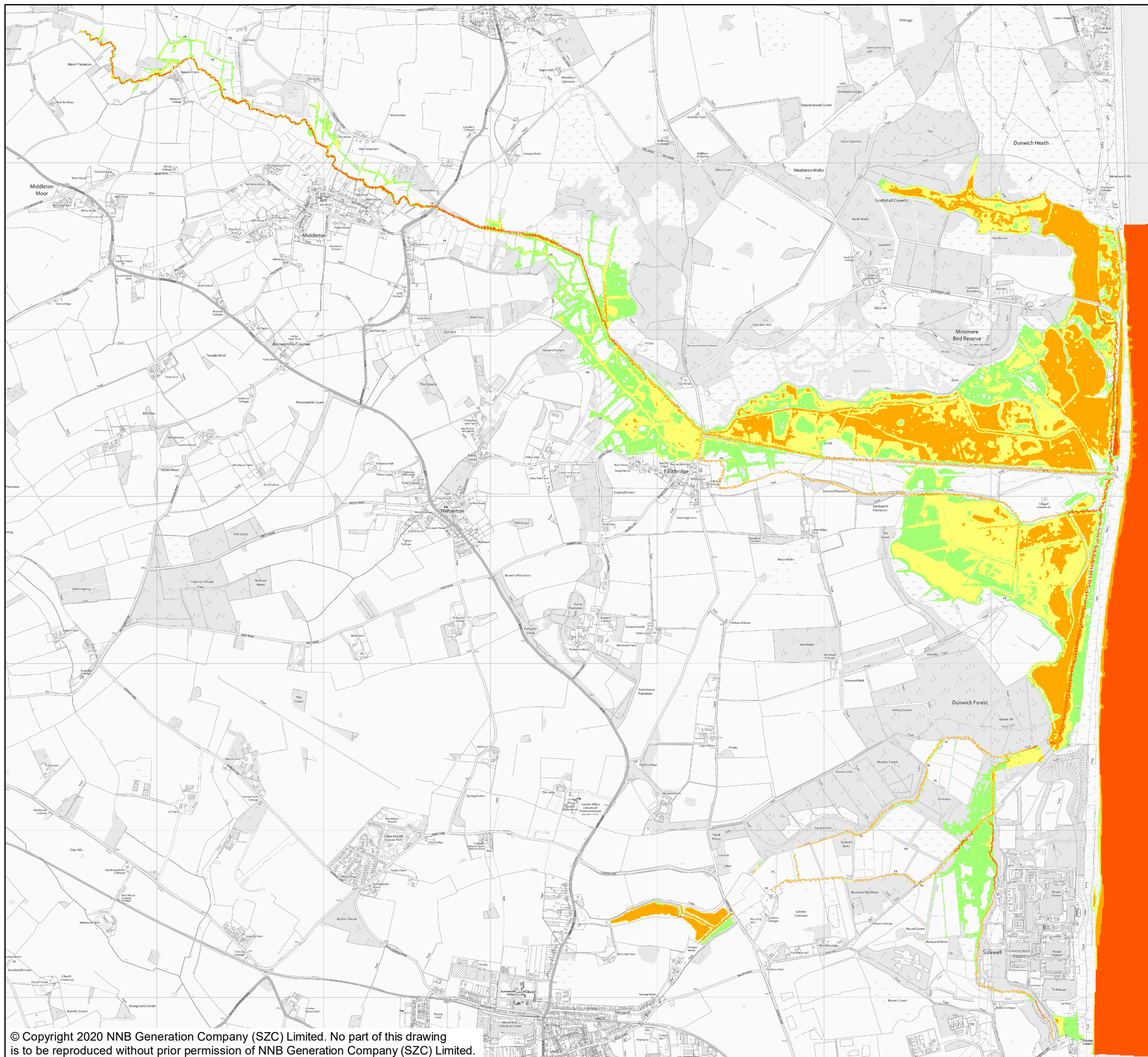
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 WITH SCHEME FLOOD VELOCITY
 1000 YEAR COASTAL INUNDATION EVENT 2190

DRAWING NO:
 FIGURE B.20

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



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NOTES

KEY

WITH SCHEME 200 YEAR COASTAL INUNDATION 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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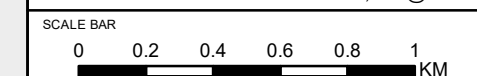


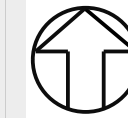
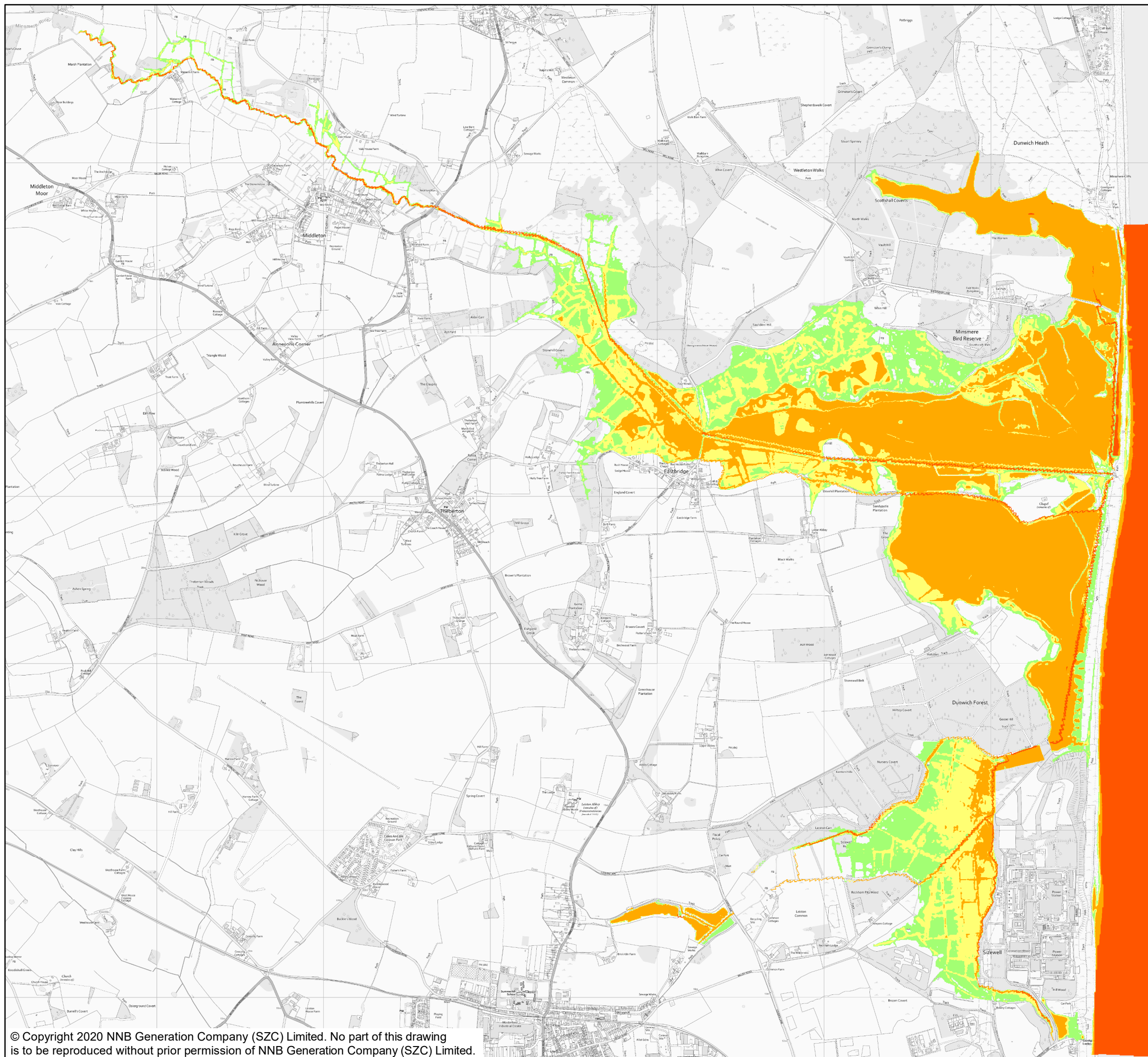
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 BREACH / COASTAL INUNDATION
 MODEL RESULTS

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 WITH SCHEME HAZARD MAP
 200 YEAR COASTAL INUNDATION EVENT 2030

DRAWING NO:
 FIGURE B.21

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





NOTES

KEY

WITH SCHEME 1000 YEAR COASTAL INUNDATION 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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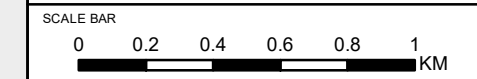


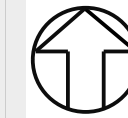
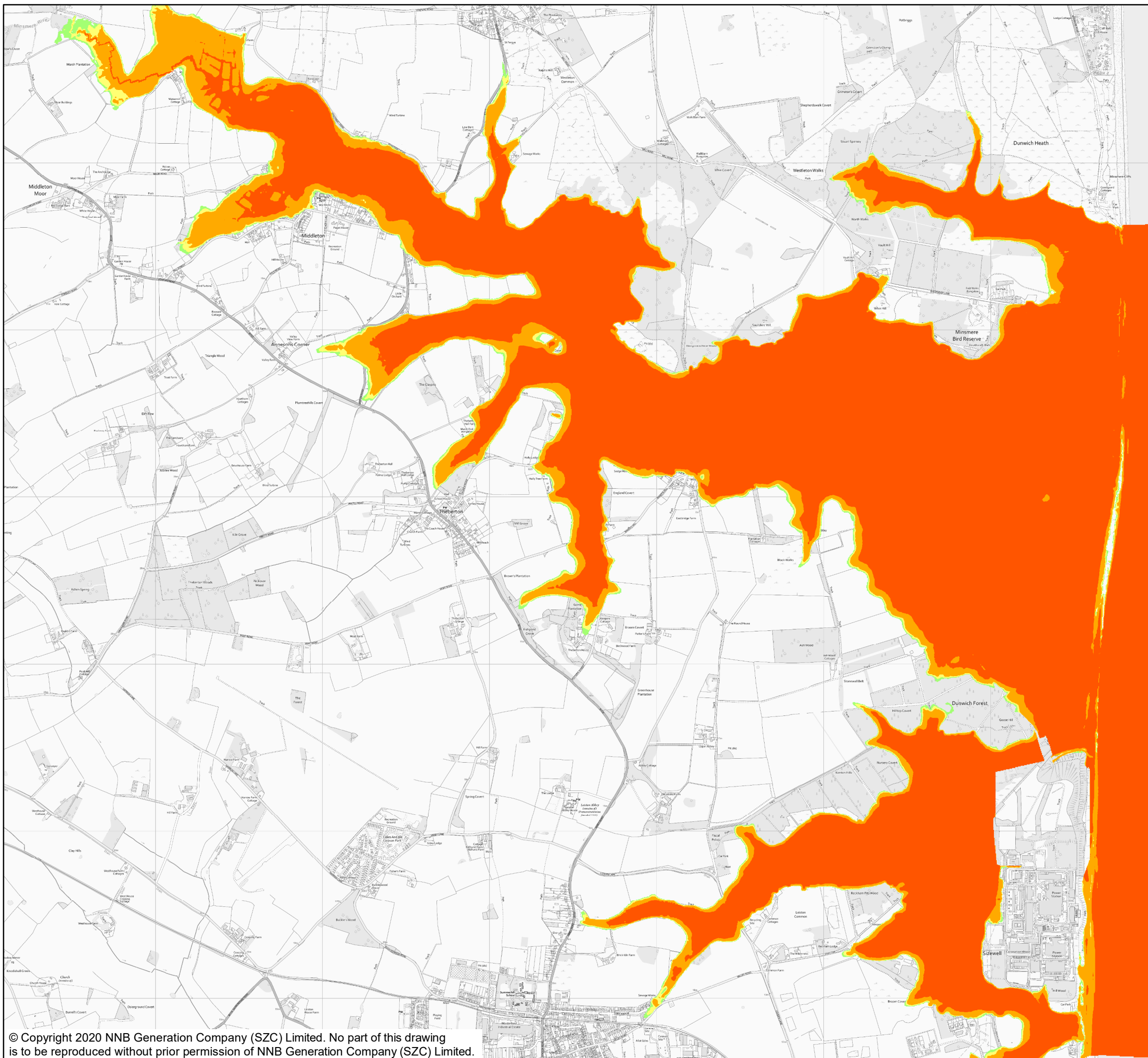
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 MODEL RESULTS

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 WITH SCHEME HAZARD MAP
 1000 YEAR COASTAL INUNDATION EVENT 2030

DRAWING NO:
 FIGURE B.22

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





NOTES

KEY

WITH SCHEME 200 YEAR COASTAL INUNDATION 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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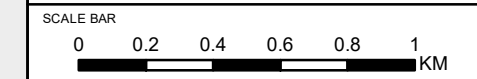


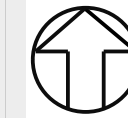
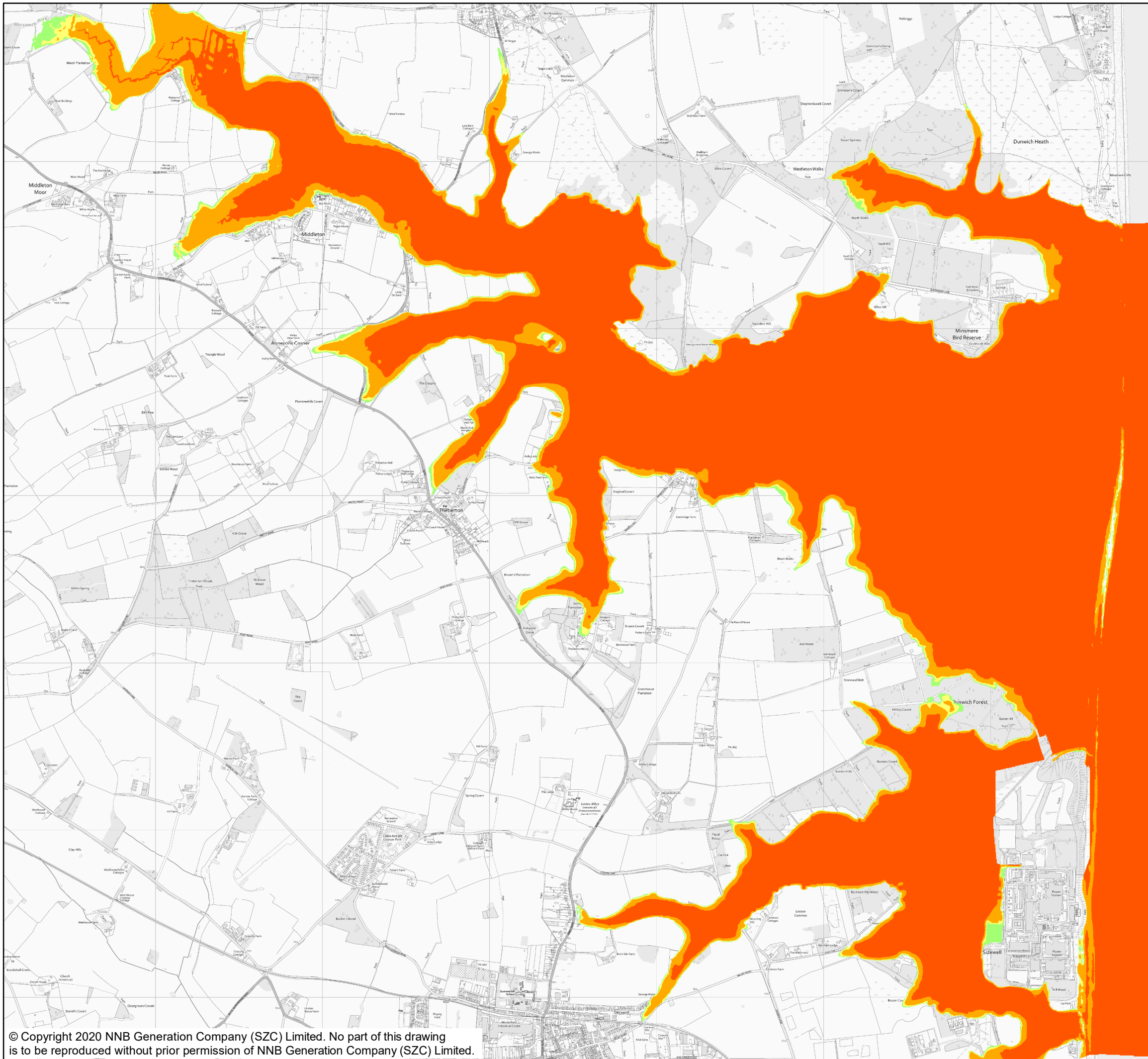
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 BREACH / COASTAL INUNDATION
 MODEL RESULTS

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 WITH SCHEME HAZARD MAP
 200 YEAR COASTAL INUNDATION EVENT 2190

DRAWING NO:
 FIGURE B.23

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





NOTES

KEY

WITH SCHEME 1000 YEAR COASTAL INUNDATION 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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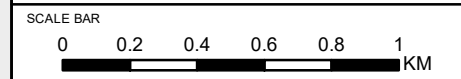


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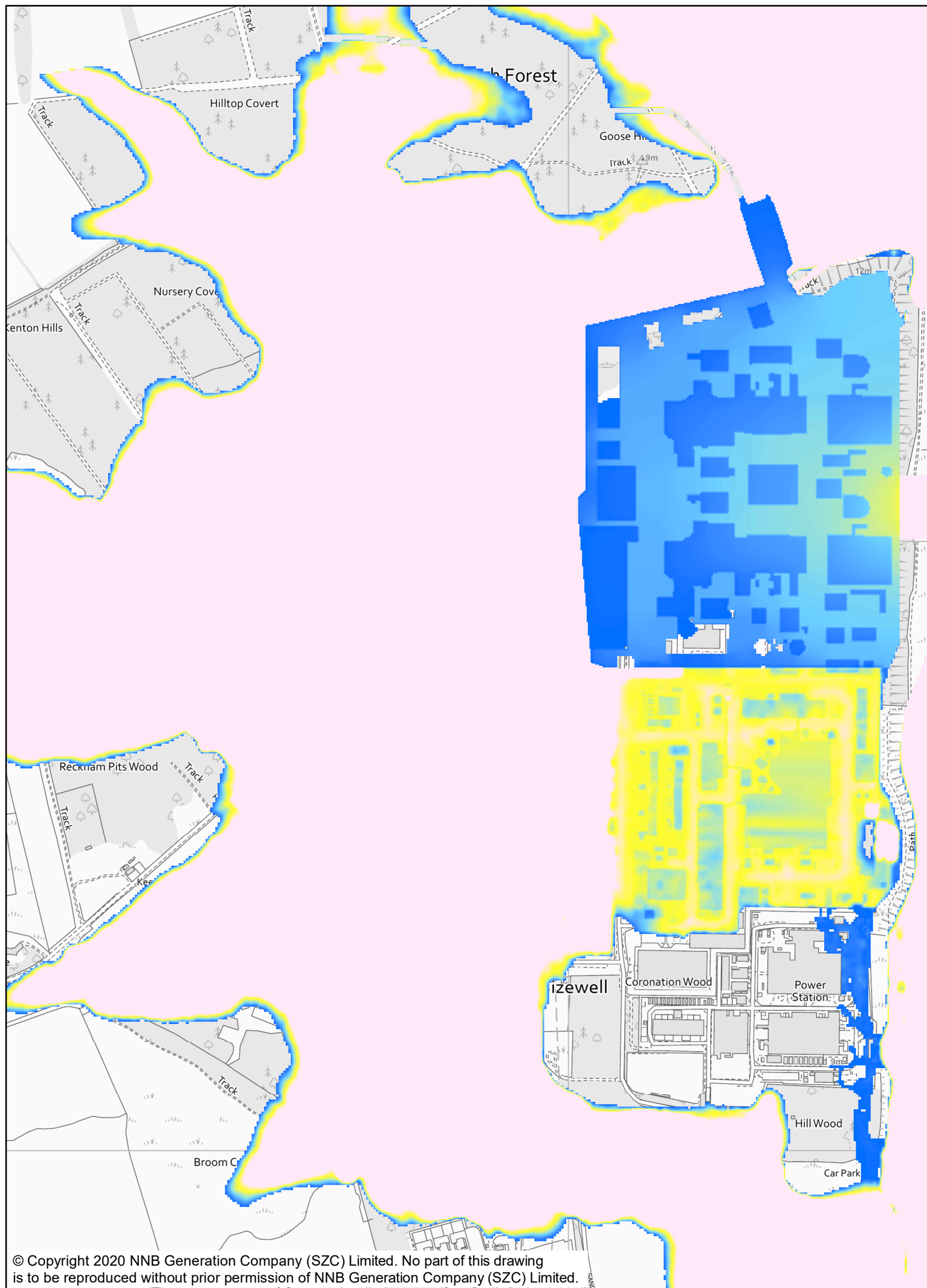
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 1000 YEAR COASTAL INUNDATION EVENT 2190

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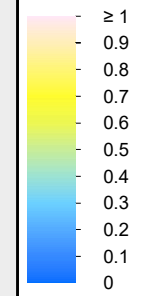


NOTES

KEY

WITH SCHEME 200 YEAR BREACH EVENT 2140

FLOOD DEPTH (M)



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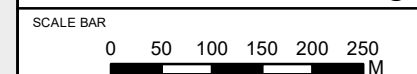


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 MODEL RESULTS

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 BREACH OF MAIN DEFENCE OPTION 1
 200 YEAR EVENT 2140

DRAWING NO:
 FIGURE B.25

DATE: JAN 2020 **DRAWN:** P.S. **SCALE:** 1:7,500 @A3



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