



The Sizewell C Project

5.2 Main Development Site Flood Risk Assessment Addendum Appendices A-F Part 7 of 10

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

January 2021

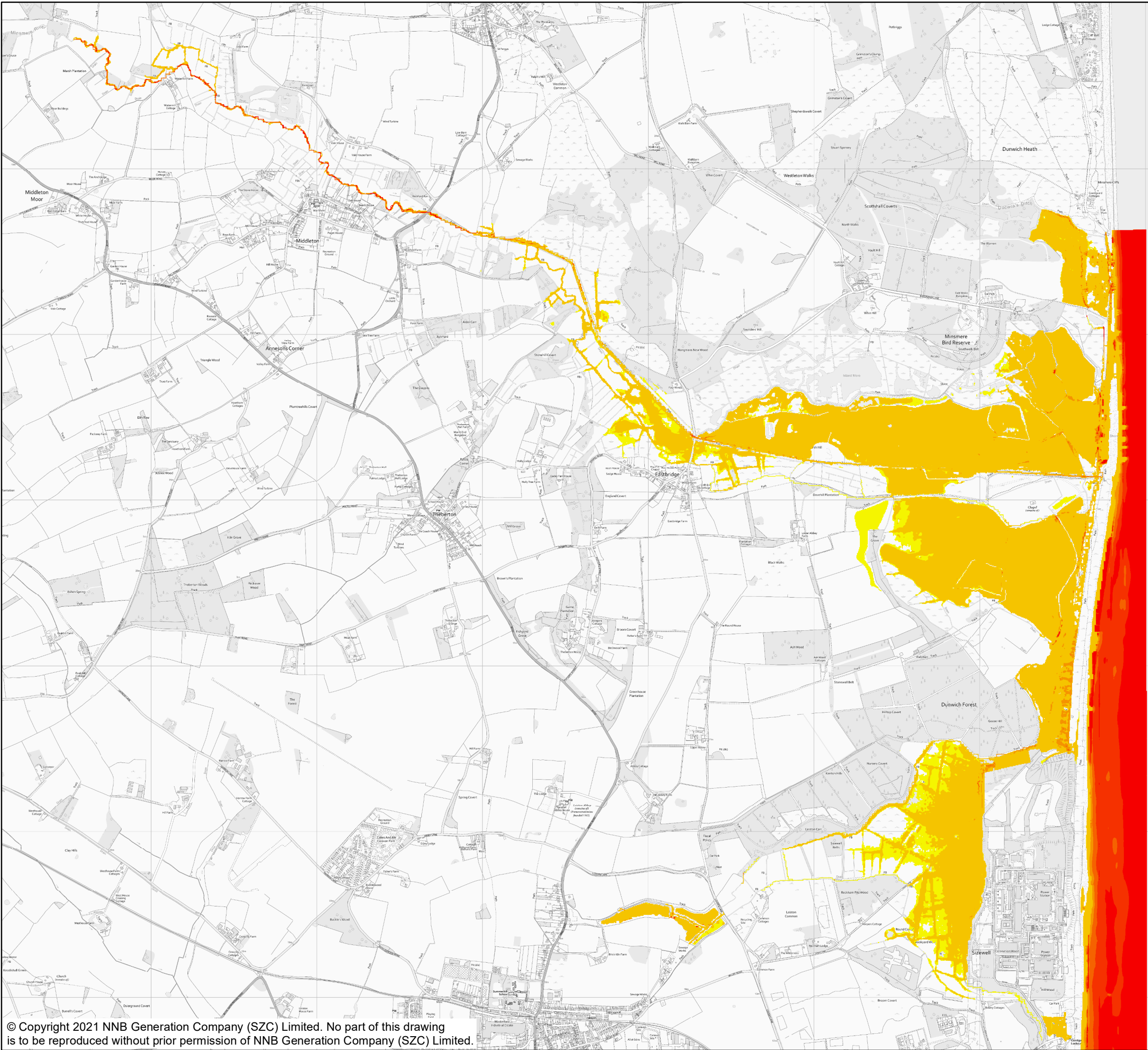
Planning Act 2008
Infrastructure Planning (Applications: Prescribed
Forms and Procedure) Regulations 2009



MAIN DEVELOPMENT SITE FLOOD RISK ASSESSMENT ADDENDUM APPENDICES

Documents included within this issue are as follows:

- Appendix A: Extract of the Environment Agency Relevant Representation Related to Flood Risk
- Appendix B: Collated Comments from the Environment Agency on 5th February 2020 and 4th August 2020
- Appendix C: Fluvial Modelling Report Addendum
- **Appendix D: Tidal Breach and Coastal Inundation Modelling Report Addendum (Continued from Part 6 of 10)**
- Appendix E: Coastal Wave Overtopping Modelling Report Addendum
- Appendix F: Main Development Site Flood Risk Emergency Plan



NOTES

KEY

MAX VELOCITY (M/S)

- 0.00
- 0.00 - 0.25
- 0.25 - 0.50
- 0.50 - 0.75
- 0.75 - 1.00
- > 1.00

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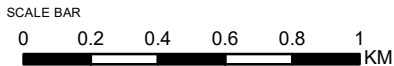


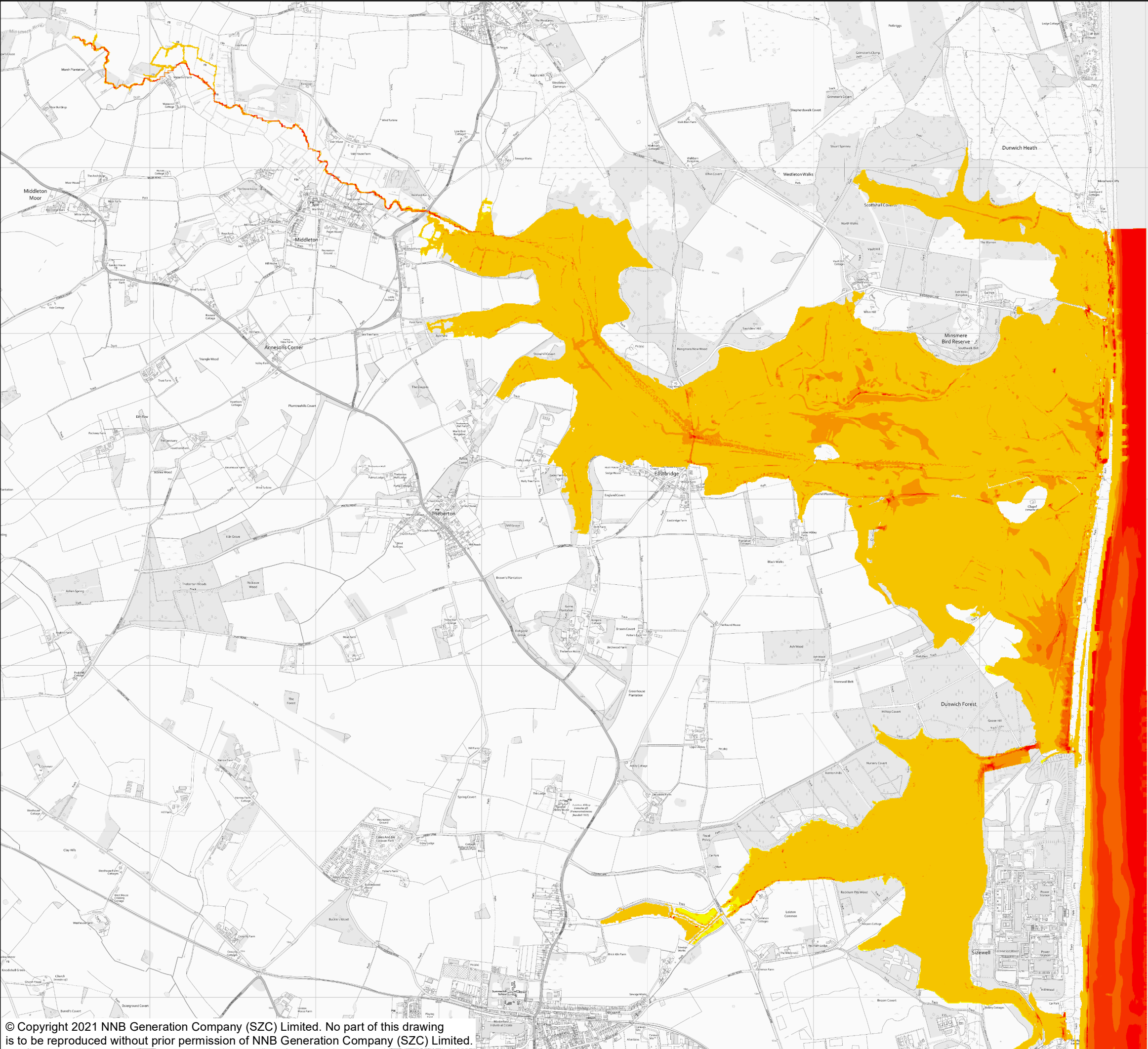
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COASTAL MODELLING RESULTS

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COASTAL INUNDATION EVENT 2030 EPOCH

DRAWING NO:
FIGURE B.7

DATE: JAN 2021 DRAWN: E.H. SCALE: 1:22,500 @A3 REVISION: 2.0





NOTES

KEY

MAX VELOCITY (M/S)

- 0.00
- 0.00 - 0.25
- 0.25 - 0.50
- 0.50 - 0.75
- 0.75 - 1.00
- > 1.00

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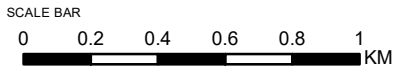


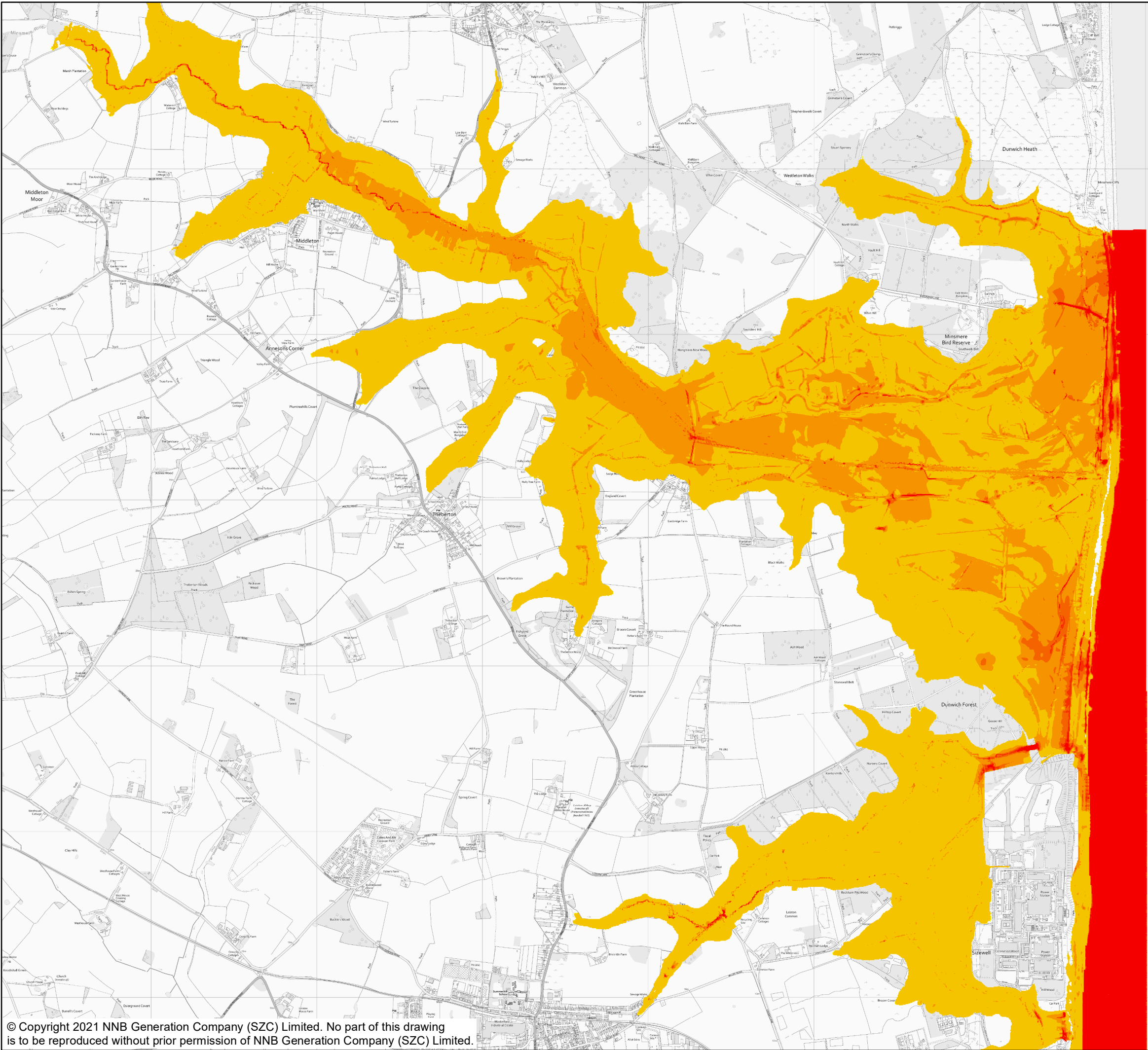
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DRAWING NO:
FIGURE B.8

DATE: JAN 2021 **DRAWN:** E.H. **SCALE:** 1:22,500 @A3 **REVISION:** 2.0





NOTES

KEY

MAX VELOCITY (M/S)



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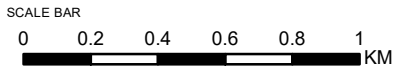


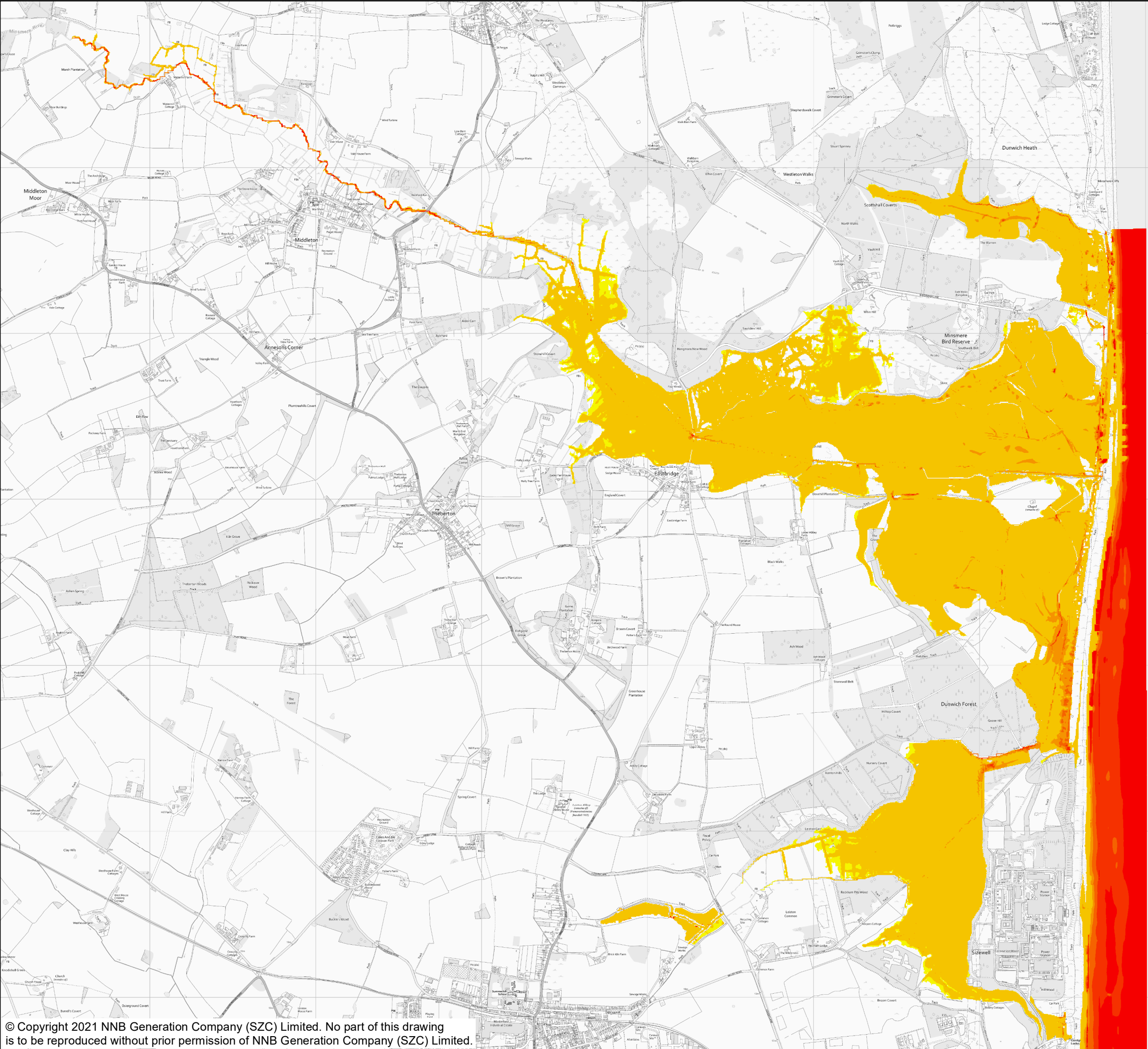
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COASTAL MODELLING RESULTS

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COASTAL INUNDATION EVENT 2190 EPOCH

DRAWING NO:
FIGURE B.9

DATE: JAN 2021	DRAWN: E.H.	SCALE: 1:22,500 @A3	REVISION: 2.0
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NOTES

KEY
MAX VELOCITY (M/S)

Yellow	0.00
Light Orange	0.00 - 0.25
Orange	0.25 - 0.50
Dark Orange	0.50 - 0.75
Red-Orange	0.75 - 1.00
Red	> 1.00

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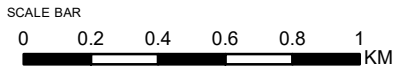


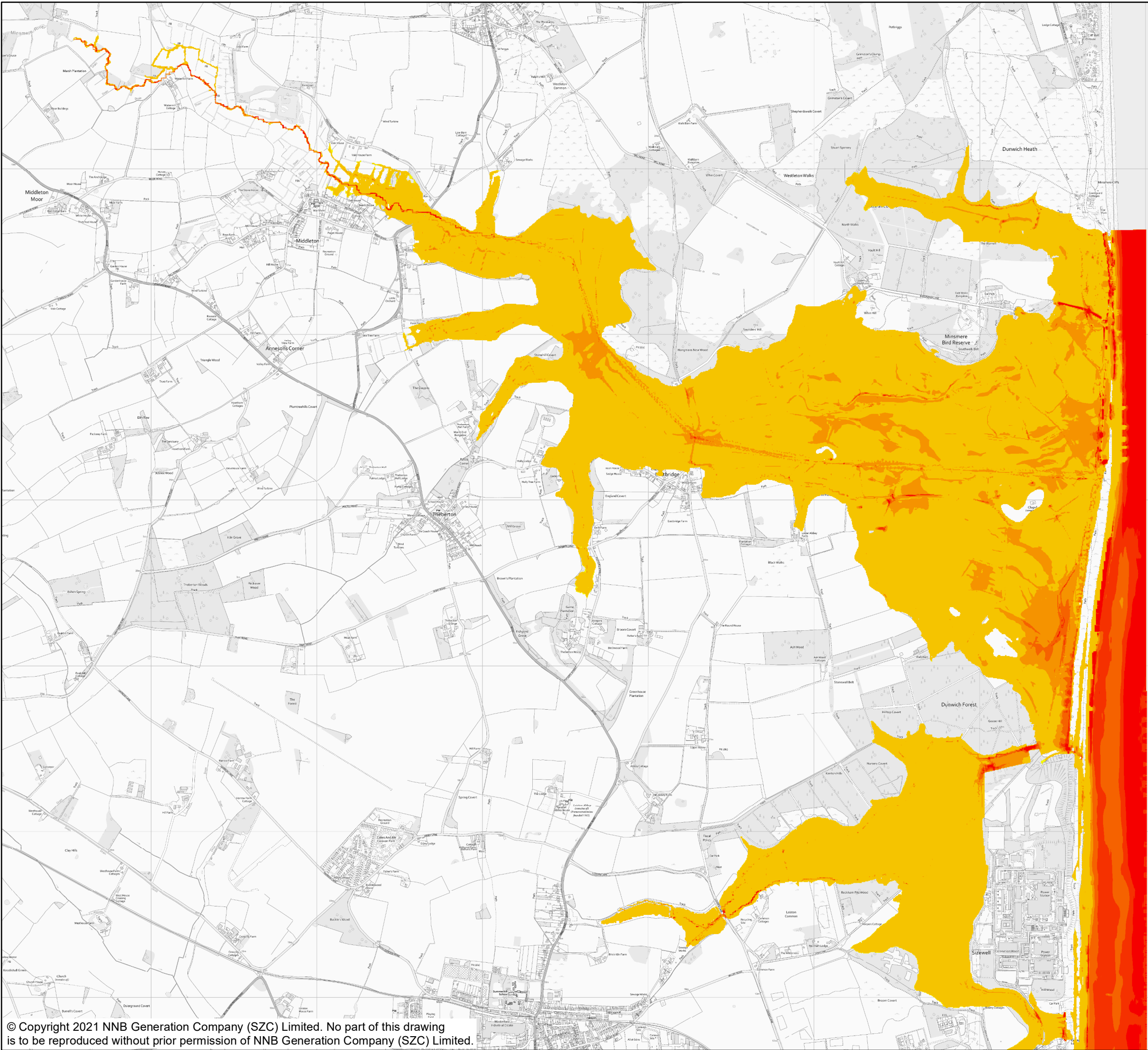
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COASTAL INUNDATION EVENT 2030 EPOCH

DRAWING NO:
FIGURE B.10

DATE: JAN 2021	DRAWN: E.H.	SCALE: 1:22,500 @A3	REVISION: 2.0
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NOTES

KEY

MAX VELOCITY (M/S)



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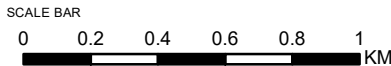


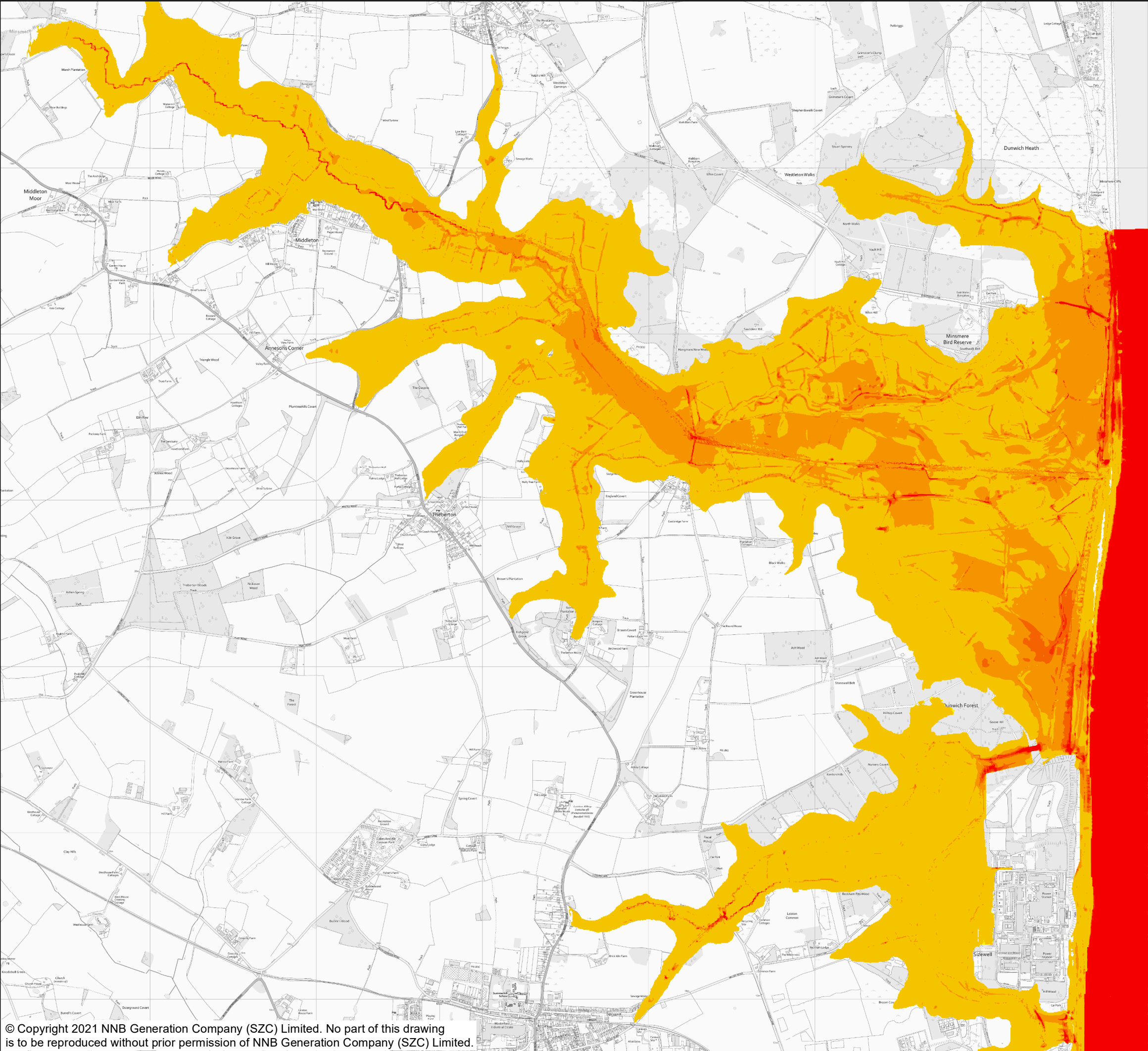
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DRAWING NO:
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JAN 2021	E.H.	1:22,500 @A3	2.0





NOTES

KEY

MAX VELOCITY (M/S)

- 0.00
- 0.00 - 0.25
- 0.25 - 0.50
- 0.50 - 0.75
- 0.75 - 1.00
- > 1.00

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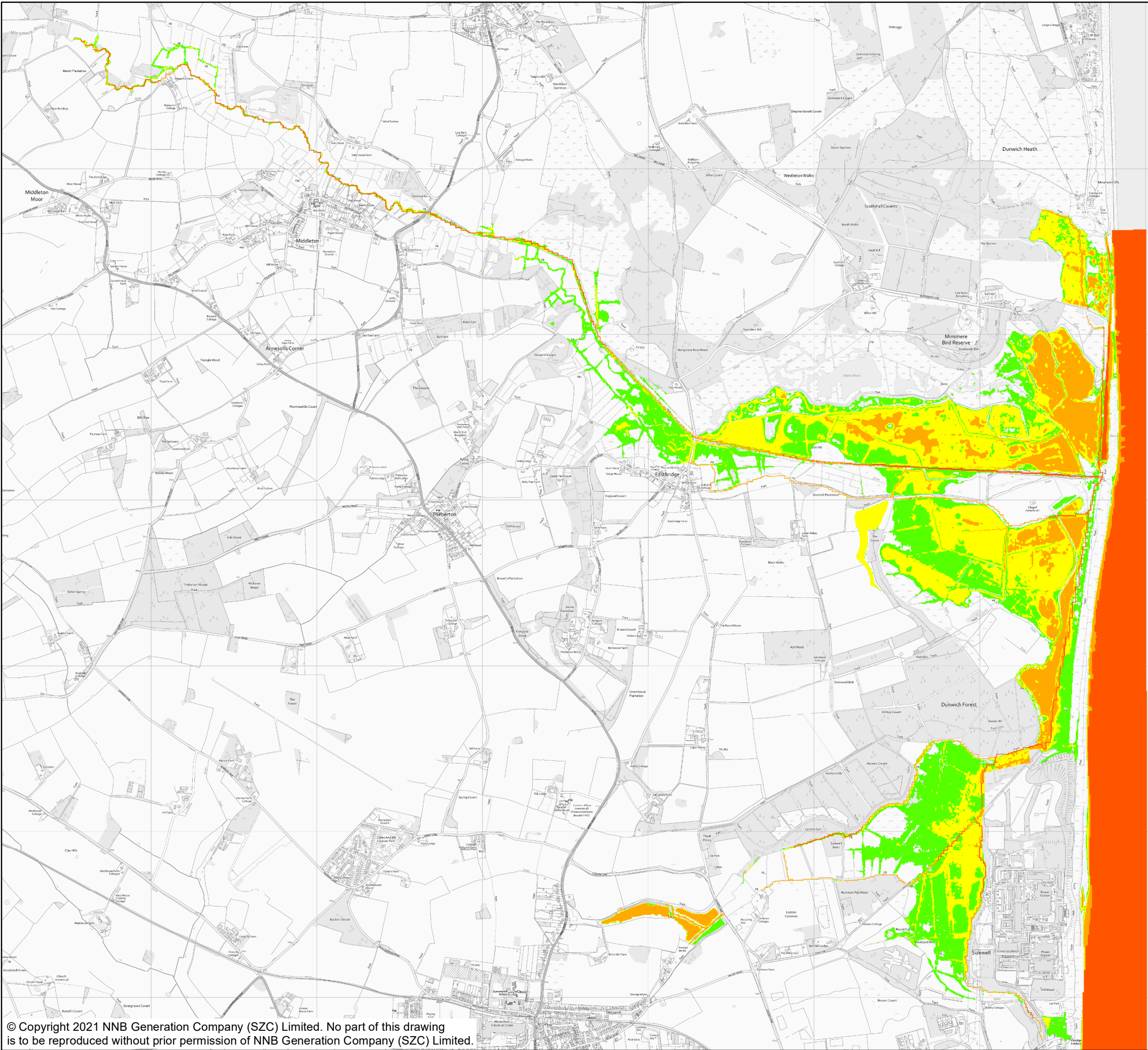
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WITH SCHEME VELOCITY 1000-YEAR
COASTAL INUNDATION EVENT 2190 EPOCH

DRAWING NO:
FIGURE B.12

DATE: JAN 2021 DRAWN: E.H. SCALE: 1:22,500 @A3 REVISION: 2.0





NOTES

KEY

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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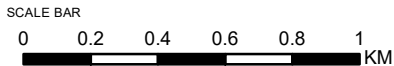


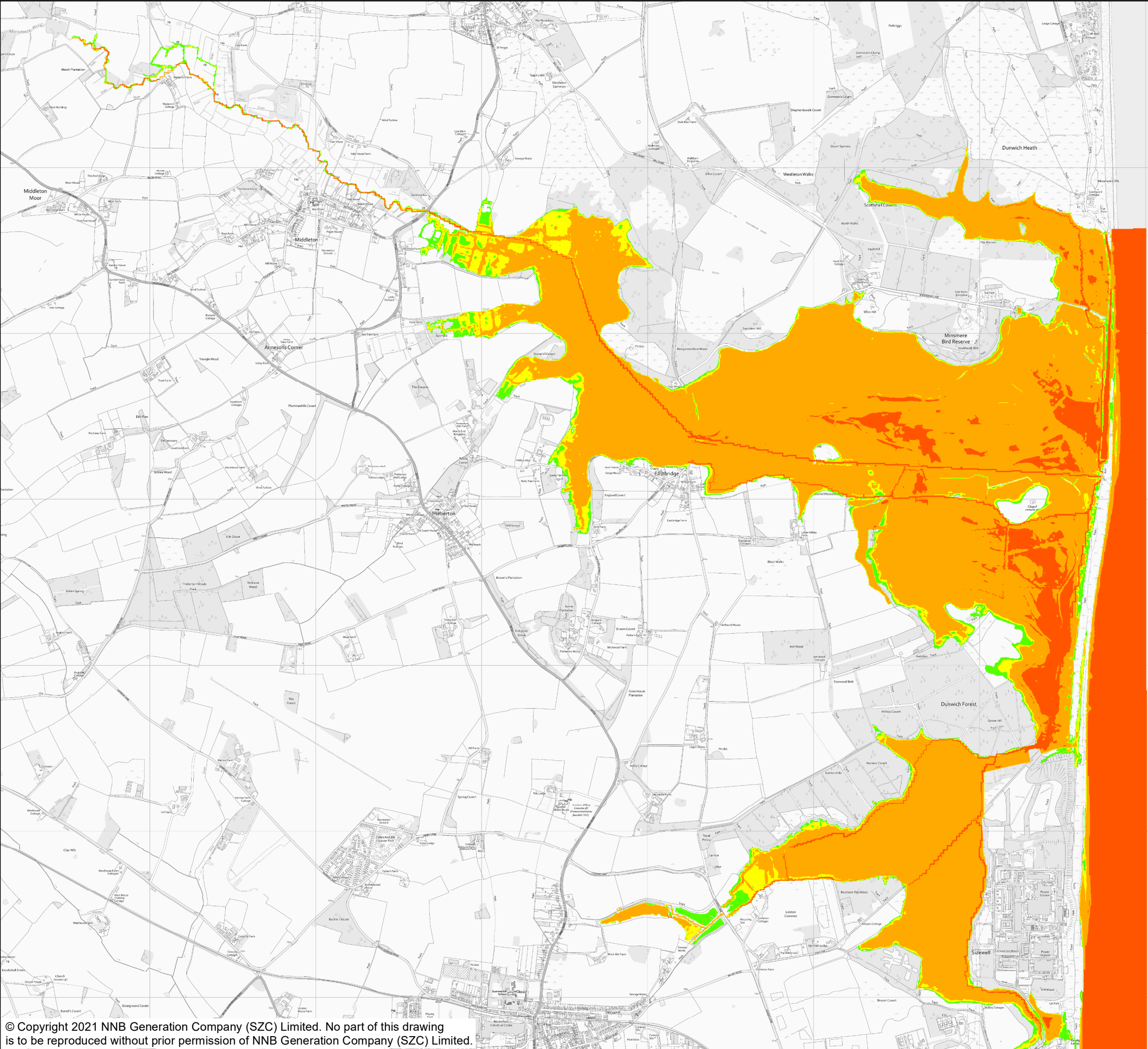
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DRAWING NO:
FIGURE B.13

DATE: JAN 2021 DRAWN: E.H. SCALE: 1:22,500 @A3 REVISION: 2.0





NOTES

KEY

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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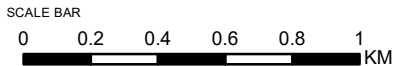


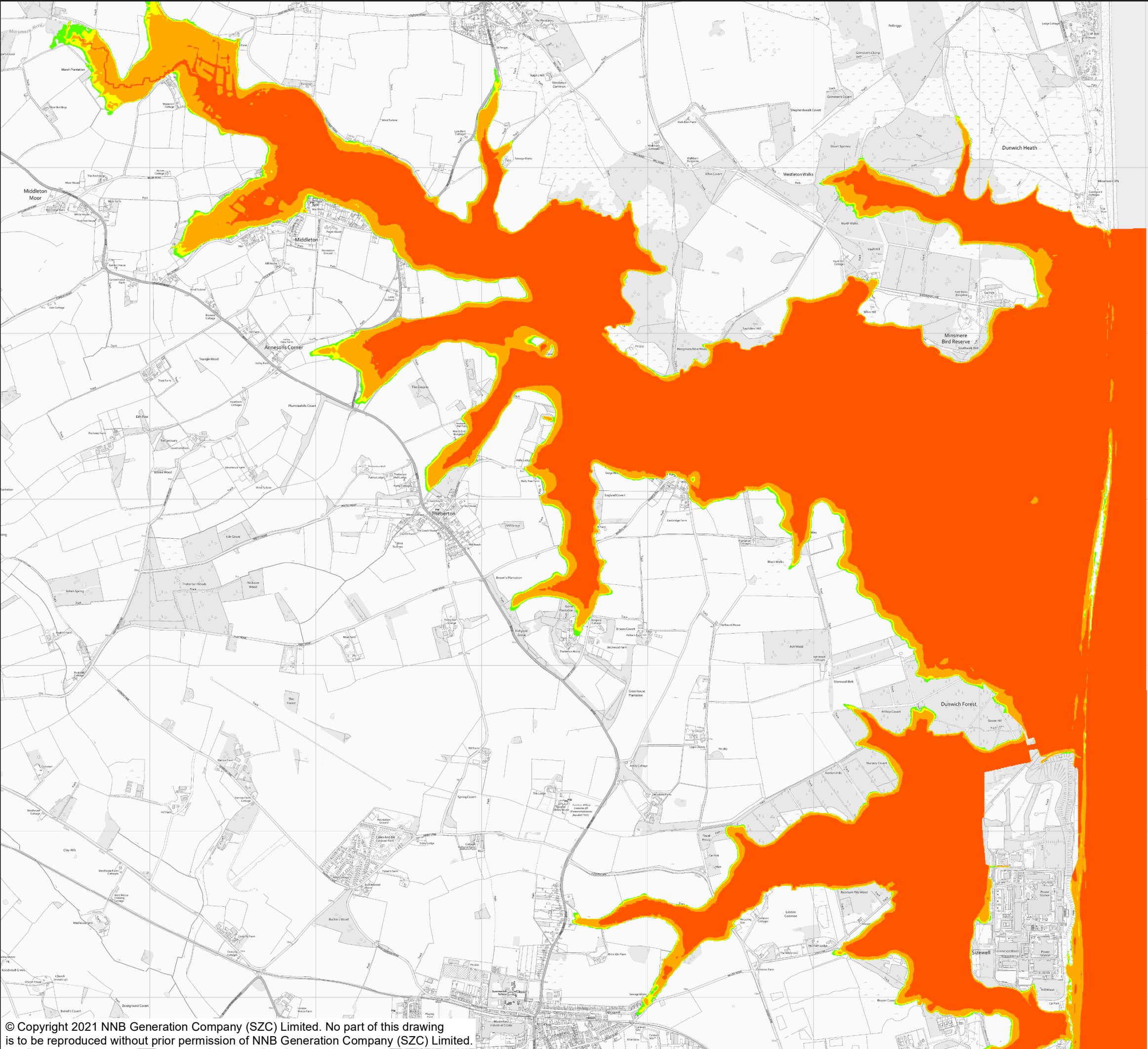
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DATE: JAN 2021 DRAWN: E.H. SCALE: 1:22,500 @A3 REVISION: 2.0





NOTES

KEY

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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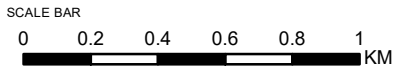


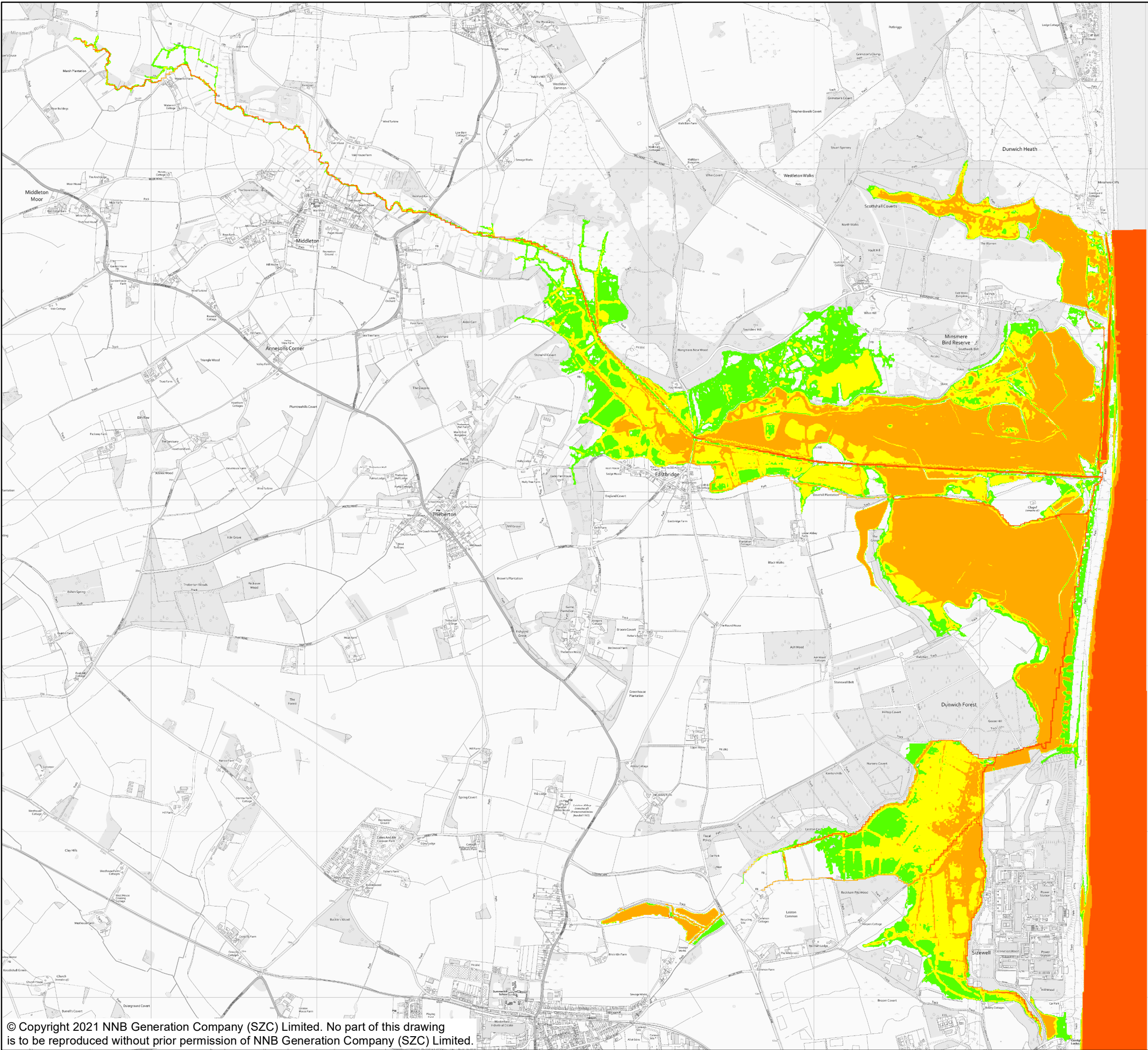
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FIGURE B.15

DATE: JAN 2021 DRAWN: E.H. SCALE: 1:22,500 @A3 REVISION: 2.0





NOTES

KEY

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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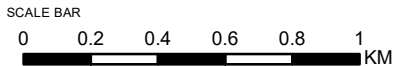


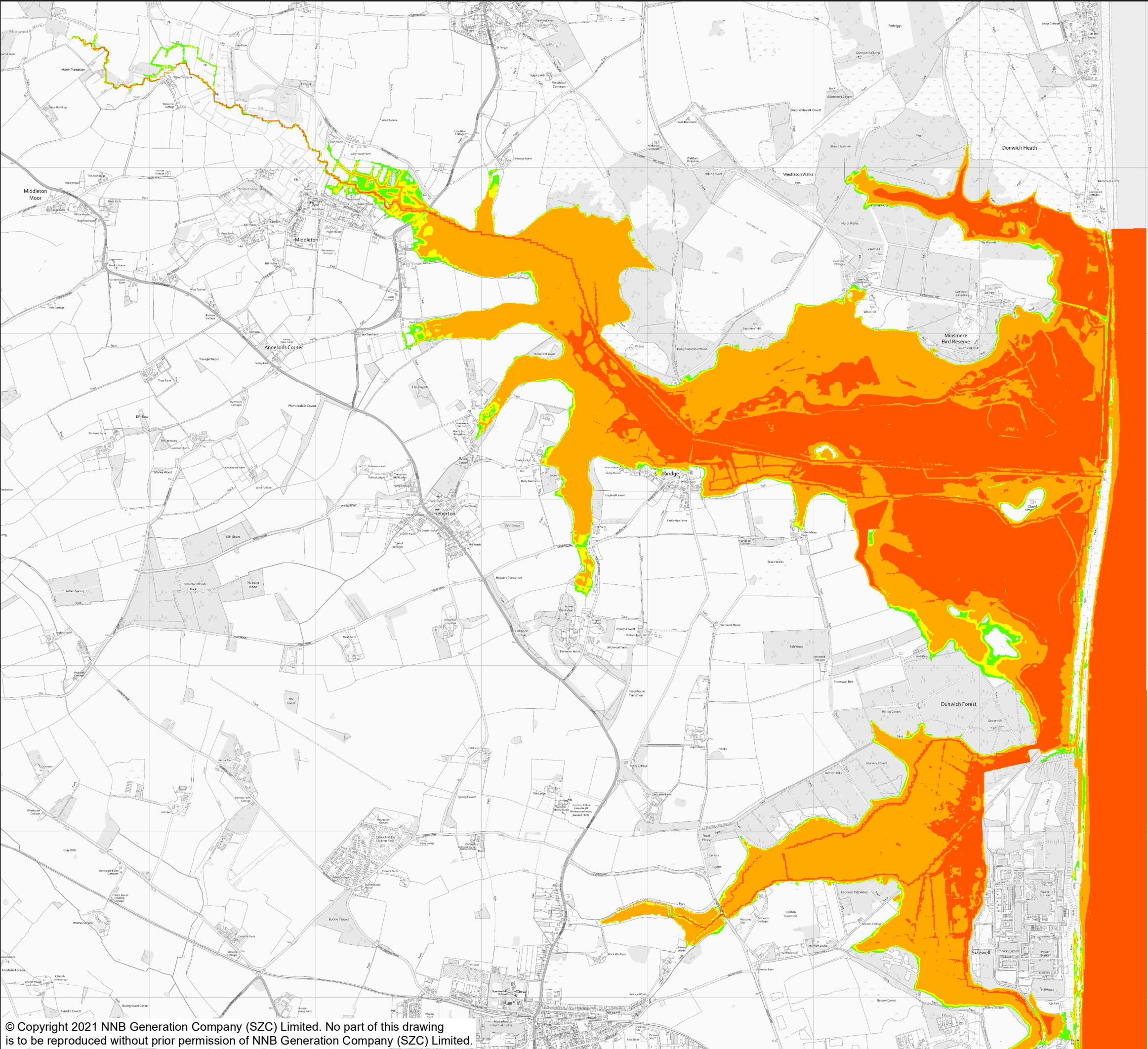
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DRAWING NO:
FIGURE B.16

DATE: JAN 2021 DRAWN: E.H. SCALE: 1:22,500 @A3 REVISION: 2.0





NOTES

KEY

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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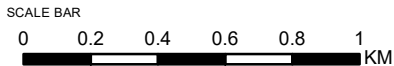


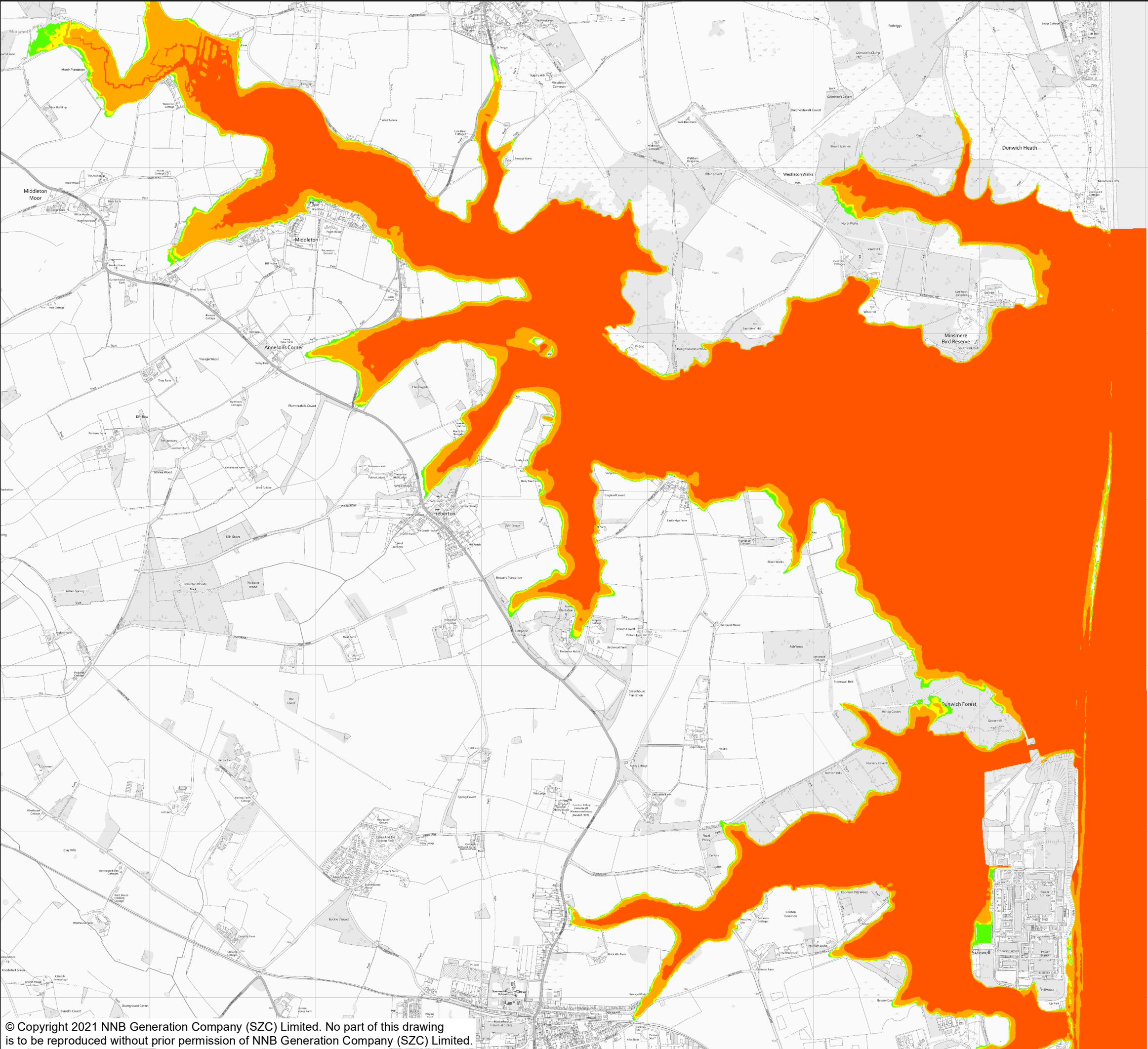
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COASTAL INUNDATION EVENT 2090 EPOCH

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FIGURE B.17

DATE: JAN 2021 DRAWN: E.H. SCALE: 1:22,500 @A3 REVISION: 2.0





NOTES

KEY

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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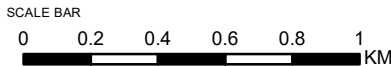


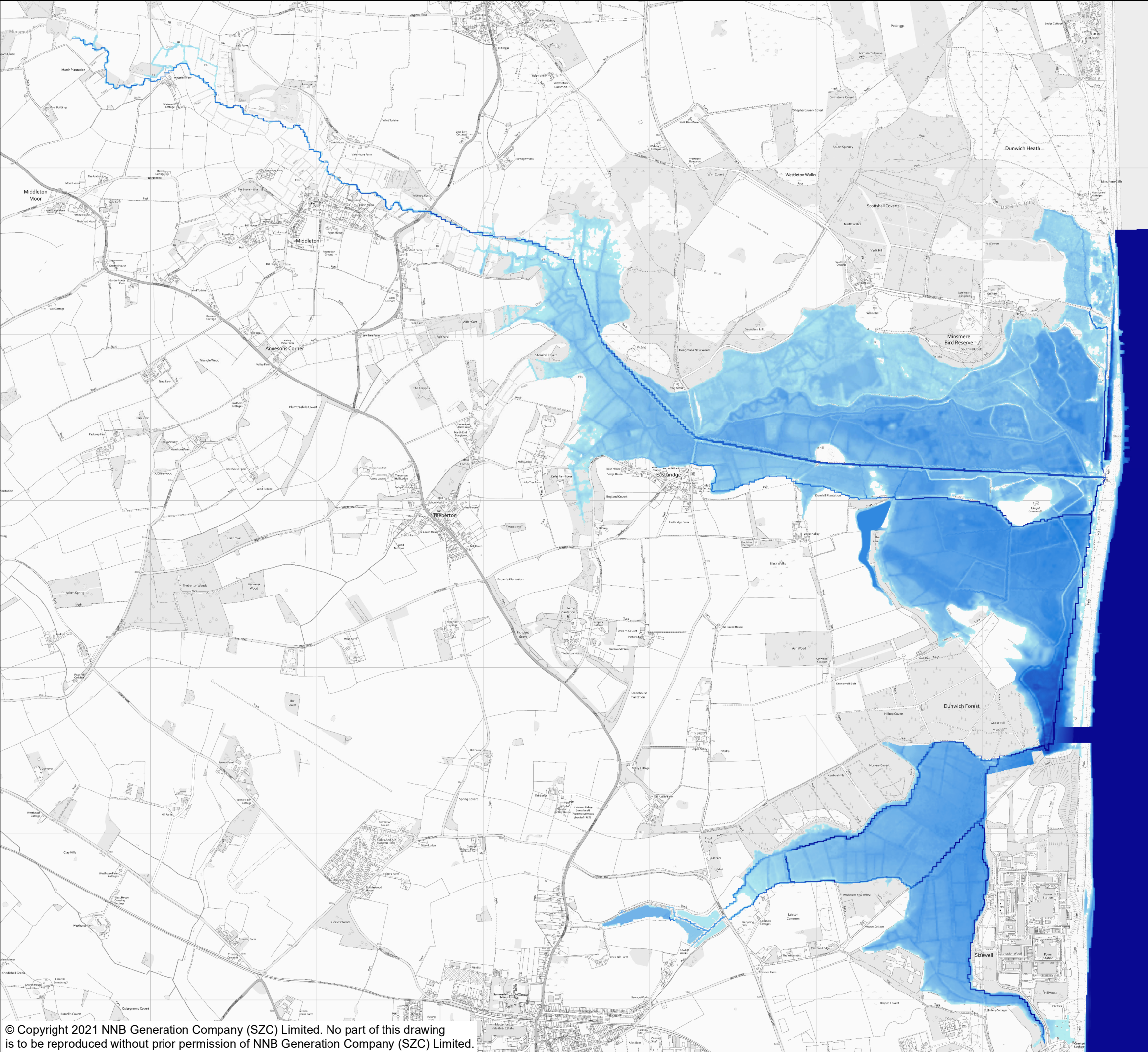
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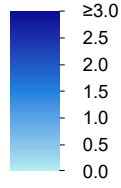




NOTES

KEY

FLOOD DEPTH (M)



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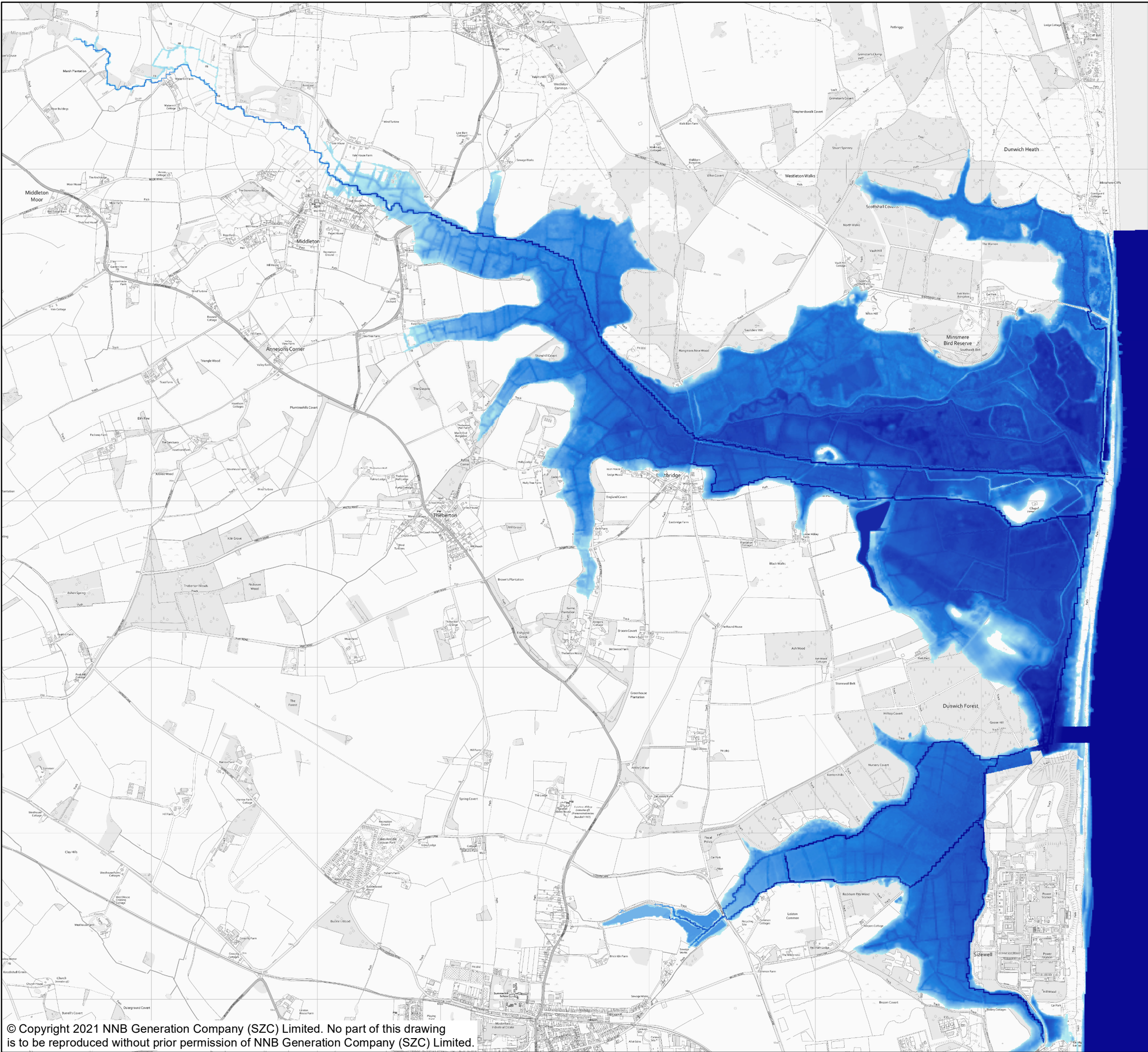
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BREACH EVENT 2030 EPOCH

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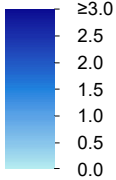




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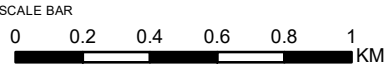


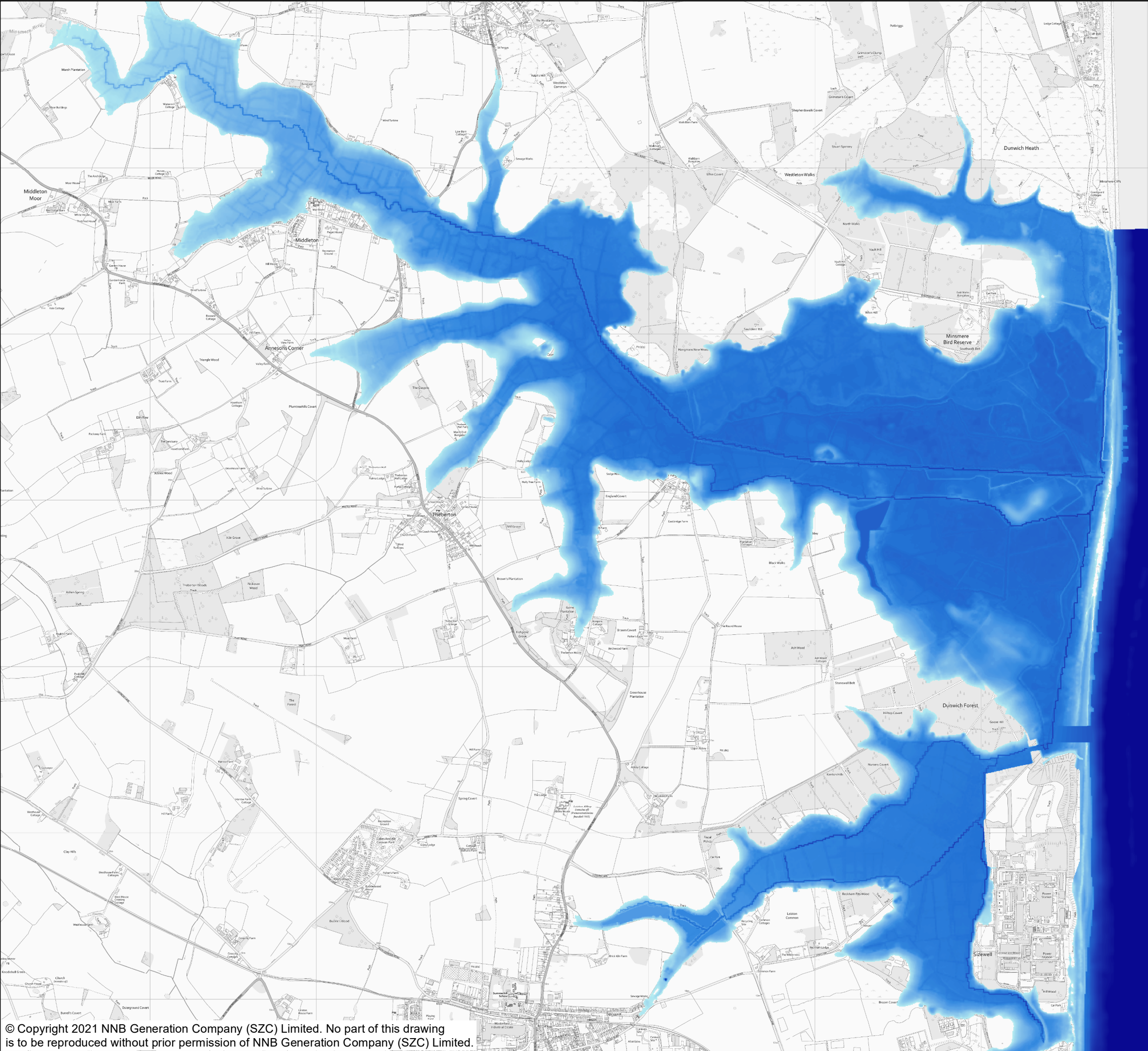
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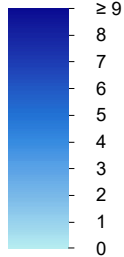




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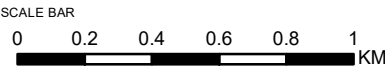


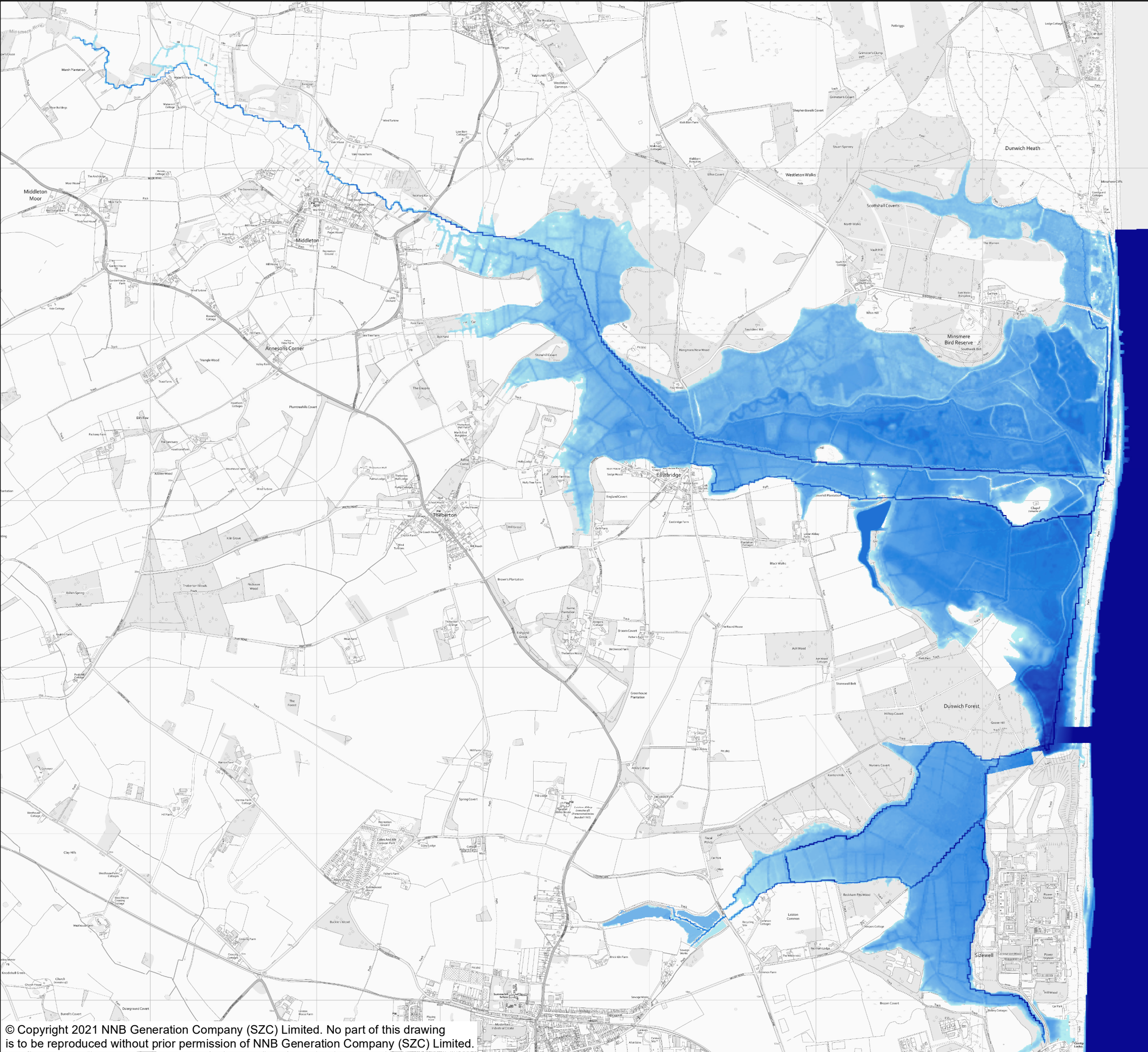
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BREACH EVENT 2190 EPOCH

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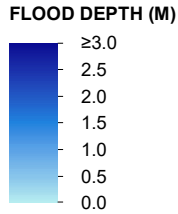
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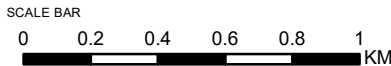


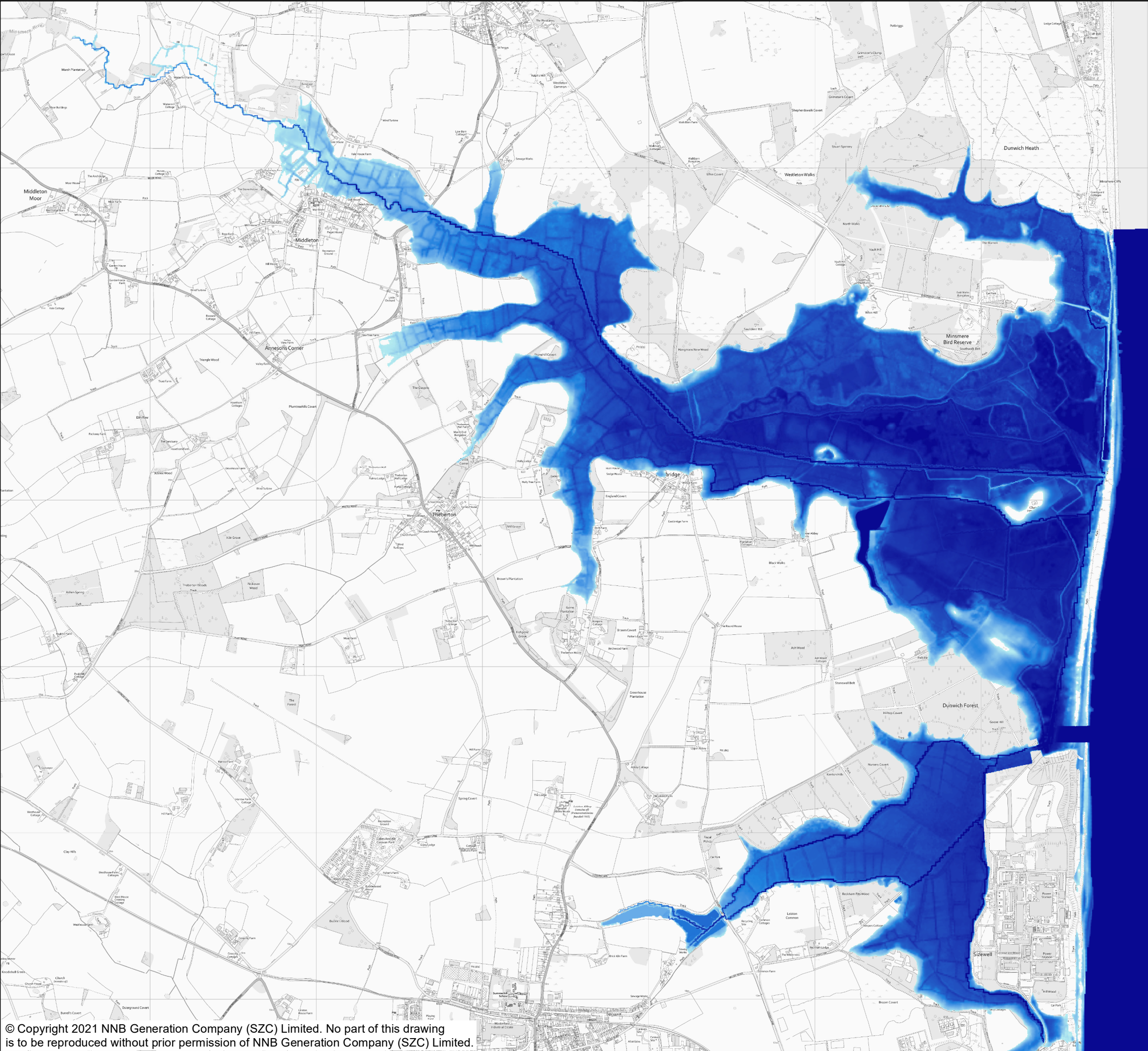
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BREACH EVENT 2030 EPOCH

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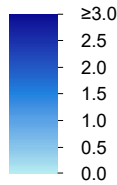




NOTES

KEY

FLOOD DEPTH (M)



Minsmere Haven

Minsmere Haven

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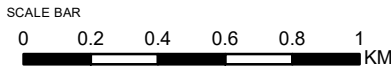


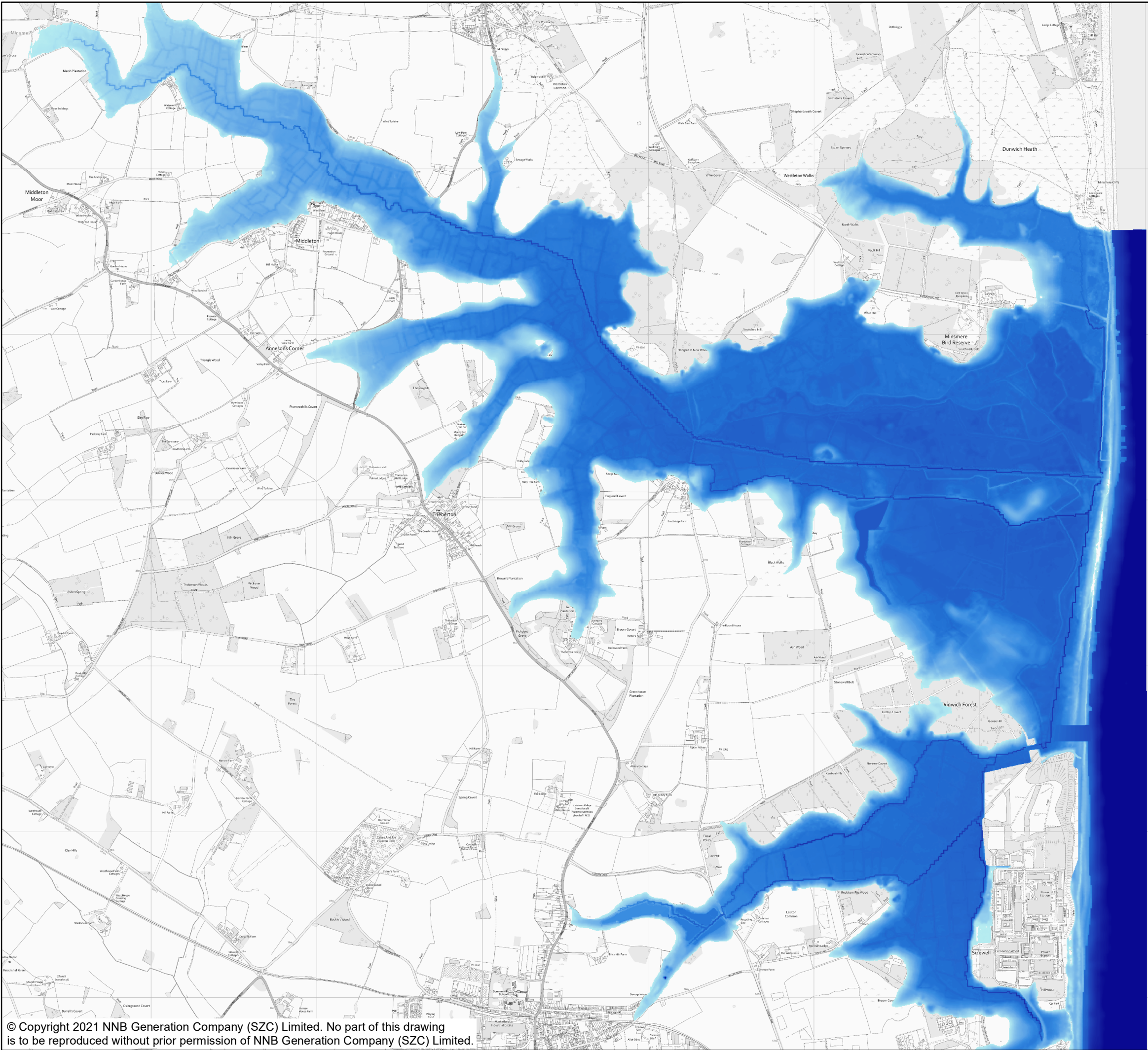
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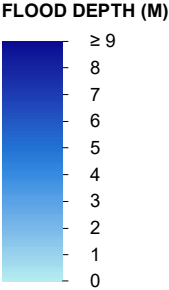
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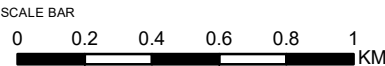


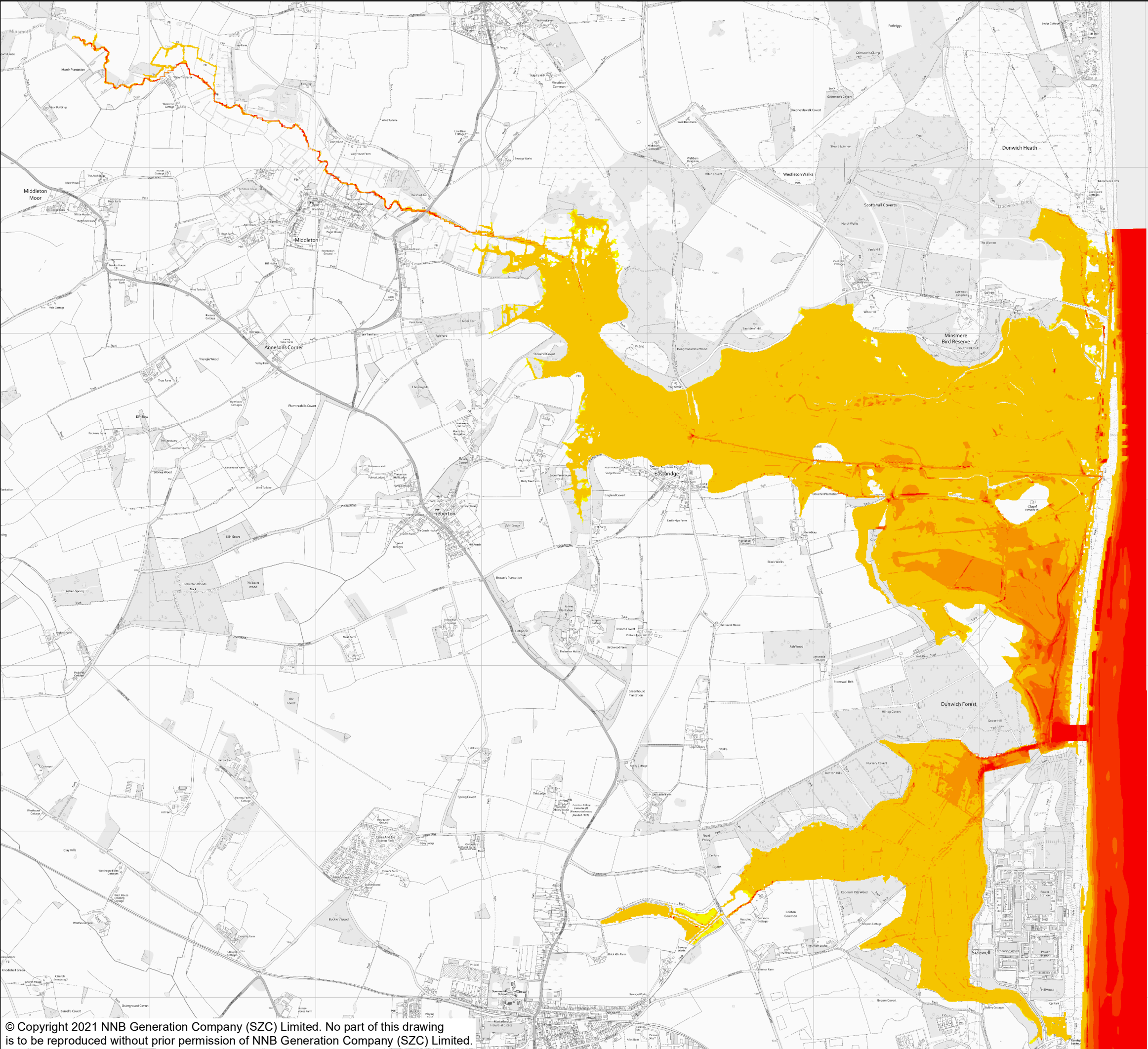
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NOTES

KEY

MAX VELOCITY (M/S)

- 0.00
- 0.00 - 0.25
- 0.25 - 0.50
- 0.50 - 0.75
- 0.75 - 1.00
- > 1.00

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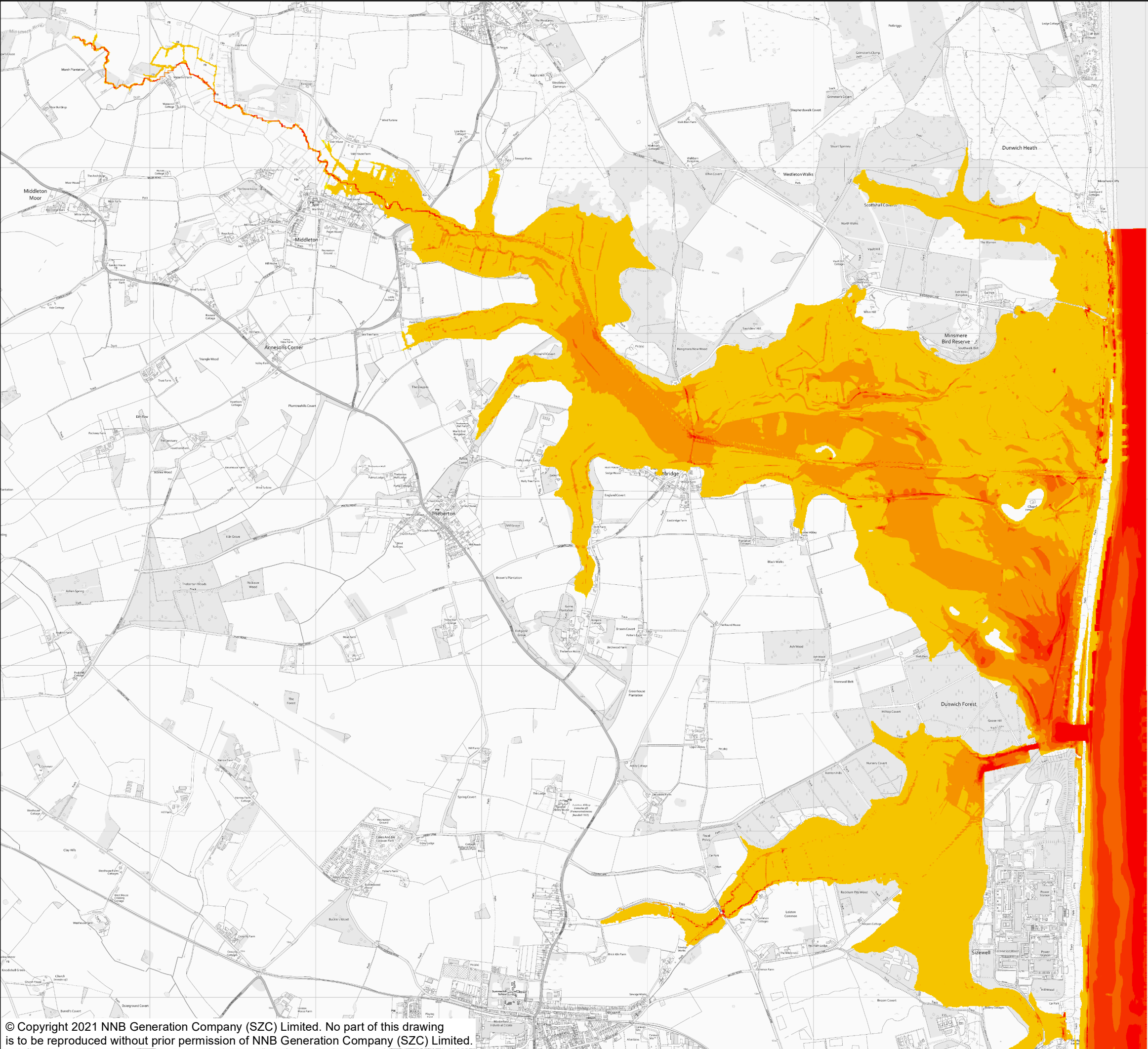
DOCUMENT:
SIZEWELL C
FLOOD RISK ASSESSMENT ADDENDUM
COASTAL MODELLING RESULTS

DRAWING TITLE:
WITH SCHEME VELOCITY 200-YEAR
BREACH EVENT 2030 EPOCH

DRAWING NO:
FIGURE B.25

DATE: JAN 2021 DRAWN: E.H. SCALE: 1:22,500 @A3 REVISION: 2.0

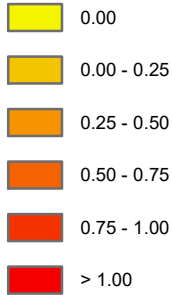
SCALE BAR
0 0.2 0.4 0.6 0.8 1 KM



NOTES

KEY

MAX VELOCITY (M/S)



NOT PROTECTIVELY MARKED

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DOCUMENT:
SIZEWELL C
FLOOD RISK ASSESSMENT ADDENDUM
COASTAL MODELLING RESULTS

DRAWING TITLE:
WITH SCHEME VELOCITY 200-YEAR
BREACH EVENT 2090 EPOCH

DRAWING NO:
FIGURE B.26

DATE: JAN 2021 **DRAWN:** E.H. **SCALE:** 1:22,500 @A3 **REVISION:** 2.0

