



The Sizewell C Project

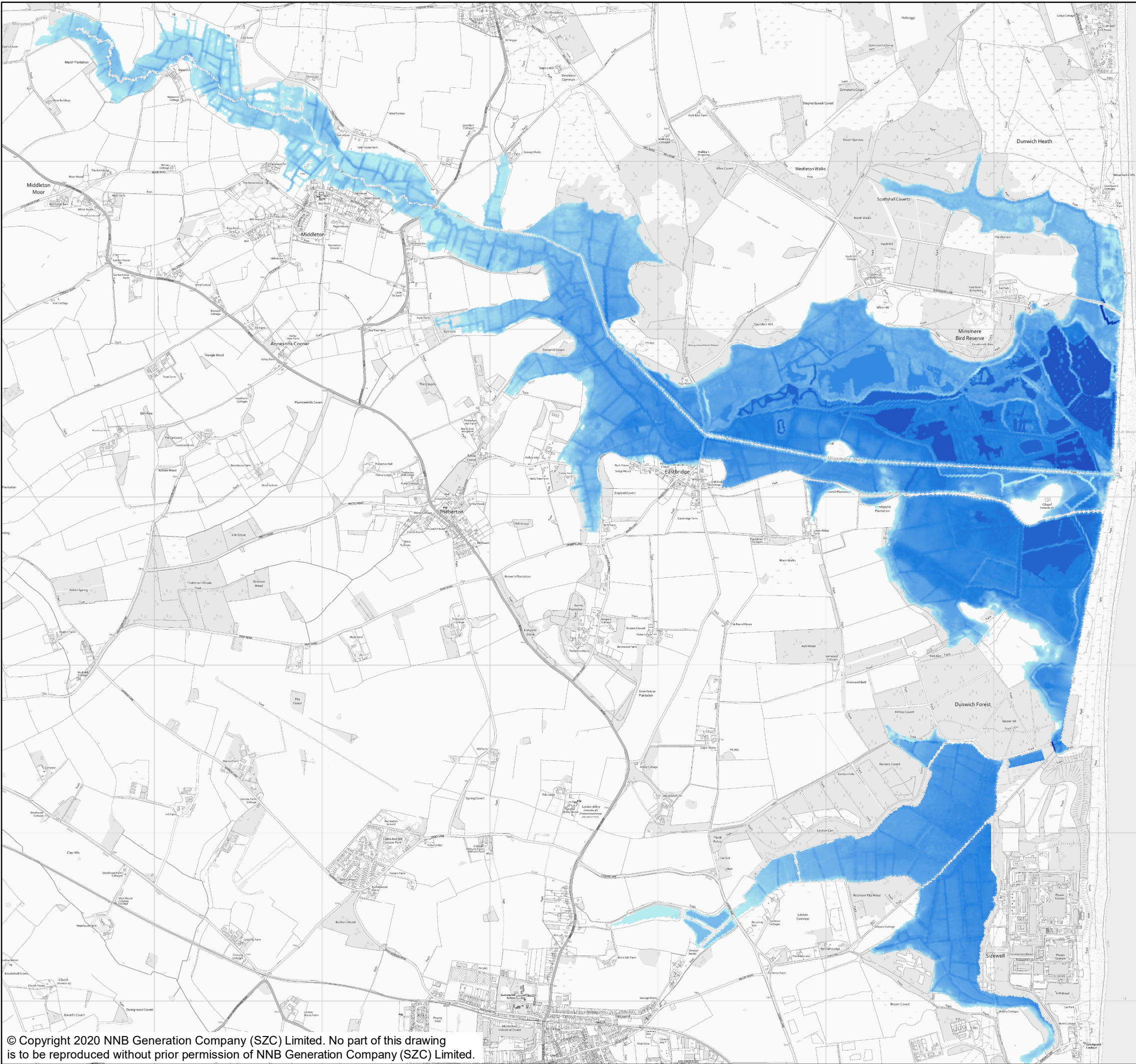
5.2 Main Development Site Flood Risk Assessment Appendices 1-7 Part 4 of 14

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



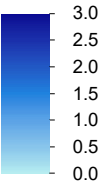


NOTES

KEY

WITH SCHEME 5 YEAR +65%CC

FLOOD DEPTH (M)



NOT PROTECTIVELY MARKED

COPYRIGHT

Reproduced from Ordnance Survey map with the permission of Ordnance Survey on behalf of the controller of Her Majesty's Stationary Office © Crown Copyright (2019). All Rights reserved. NNB GenCo 0100060408.



DOCUMENT:
SIZEWELL C
FLOOD RISK ASSESSMENT
FLUVIAL MODEL RESULTS

DRAWING TITLE:
WITH SCHEME FLOOD DEPTH
5 YEAR +65%CC

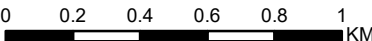
DRAWING NO:
FIGURE D.2

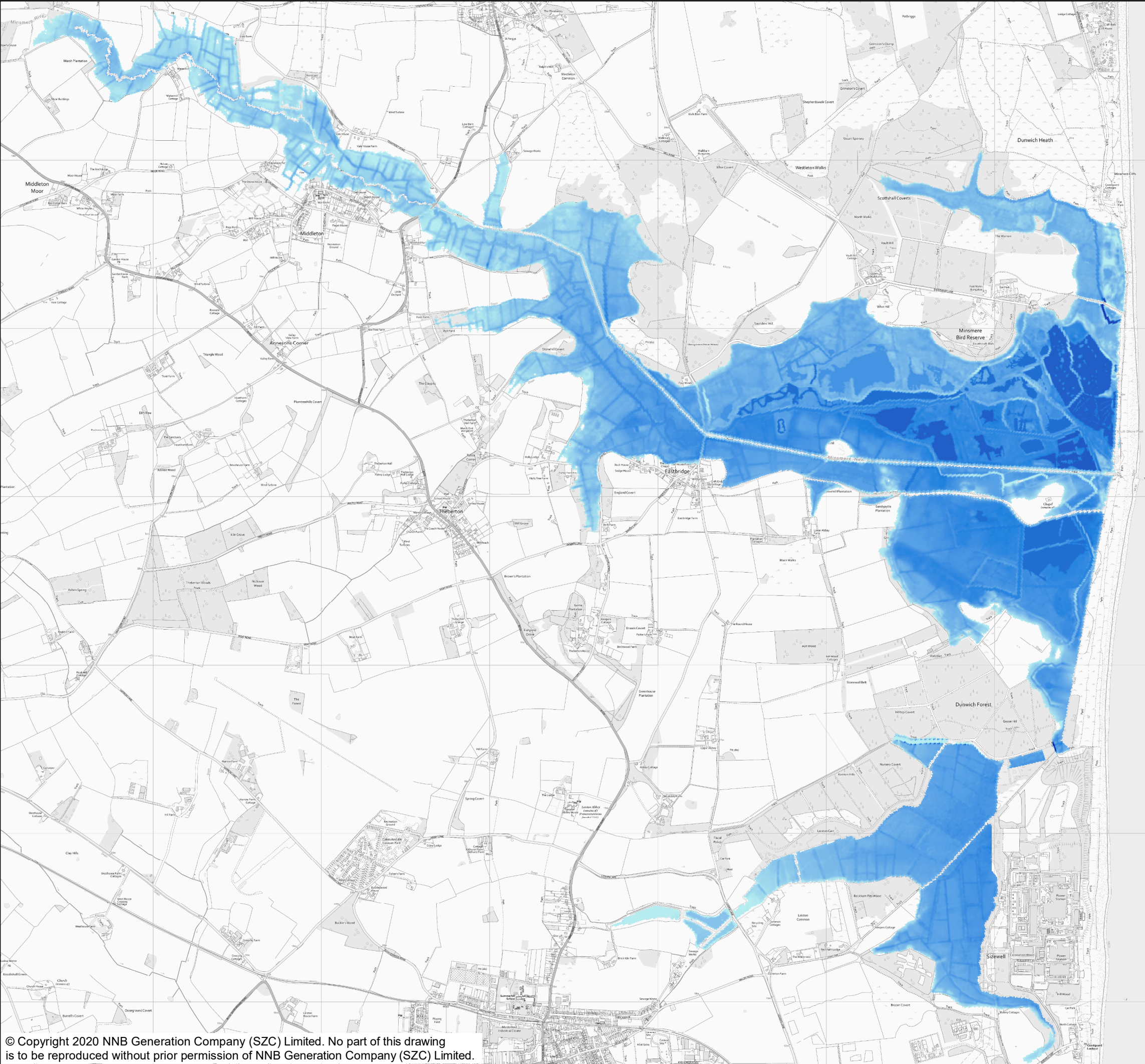
DATE:
JAN 2020

DRAWN:
P.S.

SCALE:
1:22,500 @A3

SCALE BAR



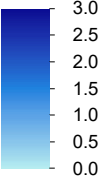


NOTES

KEY

WITH SCHEME 20 YEAR +35%CC

FLOOD DEPTH (M)



NOT PROTECTIVELY MARKED

COPYRIGHT
Reproduced from Ordnance Survey map with the permission of
Ordnance Survey on behalf of the controller of Her Majesty's
Stationary Office © Crown Copyright (2019). All Rights
reserved. NNB GenCo 0100060408.

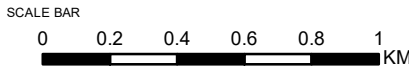


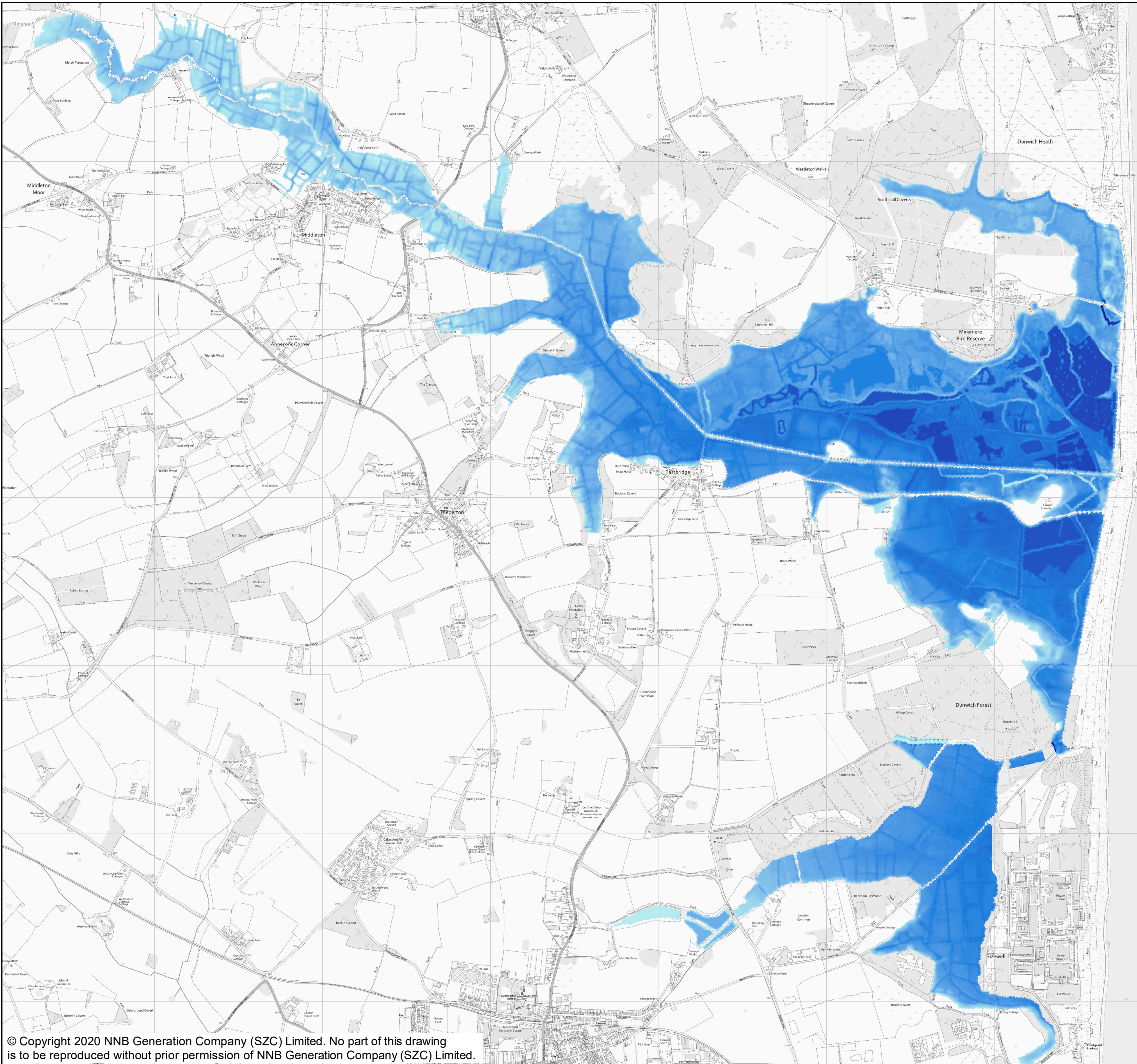
DOCUMENT:
SIZEWELL C
FLOOD RISK ASSESSMENT
FLUVIAL MODEL RESULTS

DRAWING TITLE:
WITH SCHEME FLOOD DEPTH
20 YEAR +35%CC

DRAWING NO:
FIGURE D.3

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



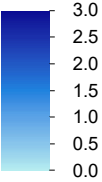


NOTES

KEY

WITH SCHEME 20 YEAR +65%CC

FLOOD DEPTH (M)



NOT PROTECTIVELY MARKED

COPYRIGHT

Reproduced from Ordnance Survey map with the permission of Ordnance Survey on behalf of the controller of Her Majesty's Stationary Office © Crown Copyright (2019). All Rights reserved. NNB GenCo 0100060408.

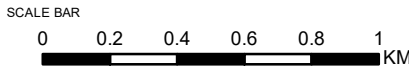


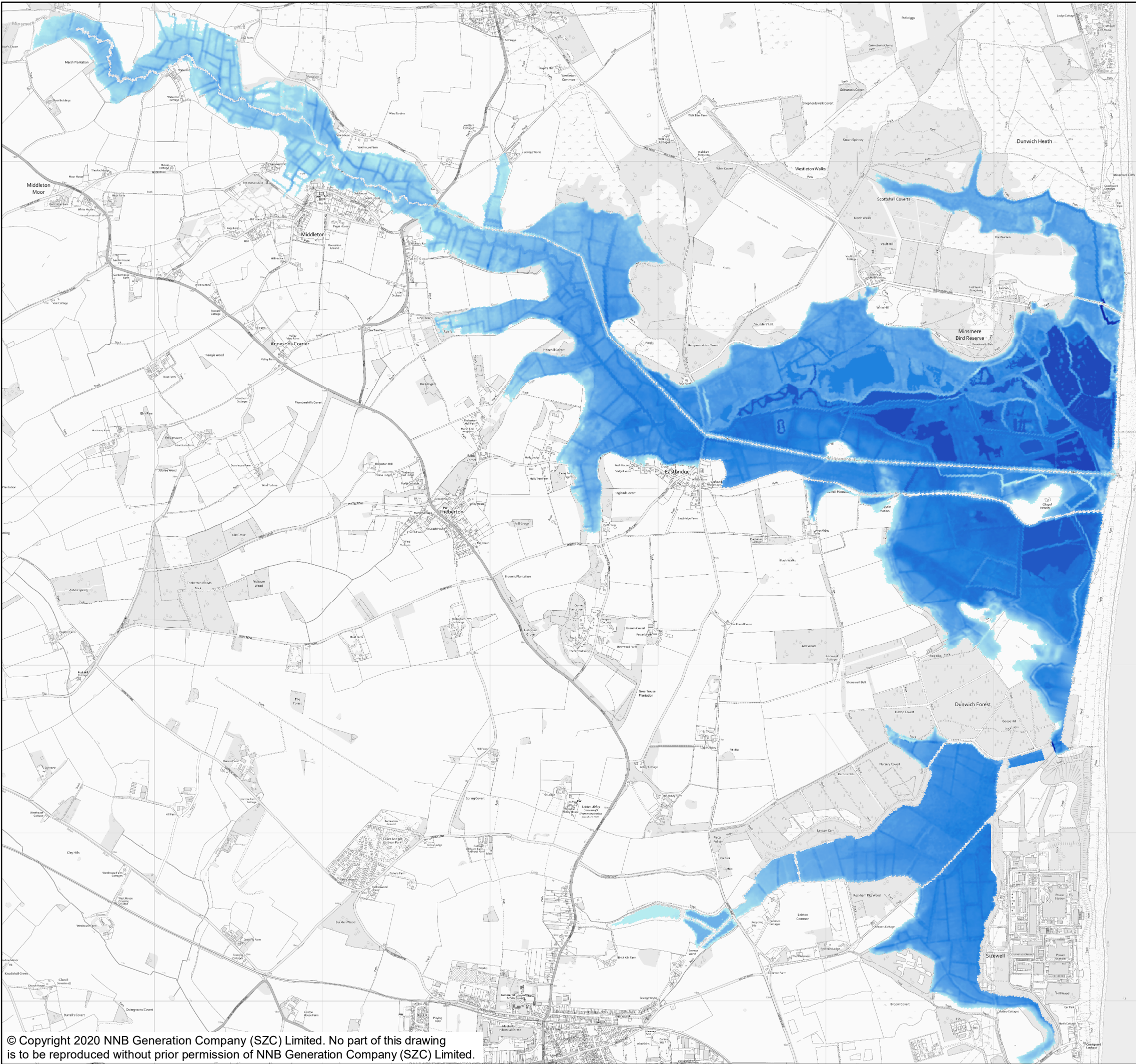
DOCUMENT:
SIZEWELL C
FLOOD RISK ASSESSMENT
FLUVIAL MODEL RESULTS

DRAWING TITLE:
WITH SCHEME FLOOD DEPTH
20 YEAR +65%CC

DRAWING NO:
FIGURE D.4

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



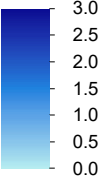


NOTES

KEY

WITH SCHEME 100 YEAR +35%CC

FLOOD DEPTH (M)



NOT PROTECTIVELY MARKED

COPYRIGHT

Reproduced from Ordnance Survey map with the permission of Ordnance Survey on behalf of the controller of Her Majesty's Stationary Office © Crown Copyright (2019). All Rights reserved. NNB GenCo 0100060408.



DOCUMENT:
SIZEWELL C
FLOOD RISK ASSESSMENT
FLUVIAL MODEL RESULTS

DRAWING TITLE:
WITH SCHEME FLOOD DEPTH
100 YEAR +35%CC

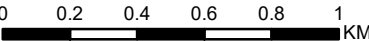
DRAWING NO:
FIGURE D.5

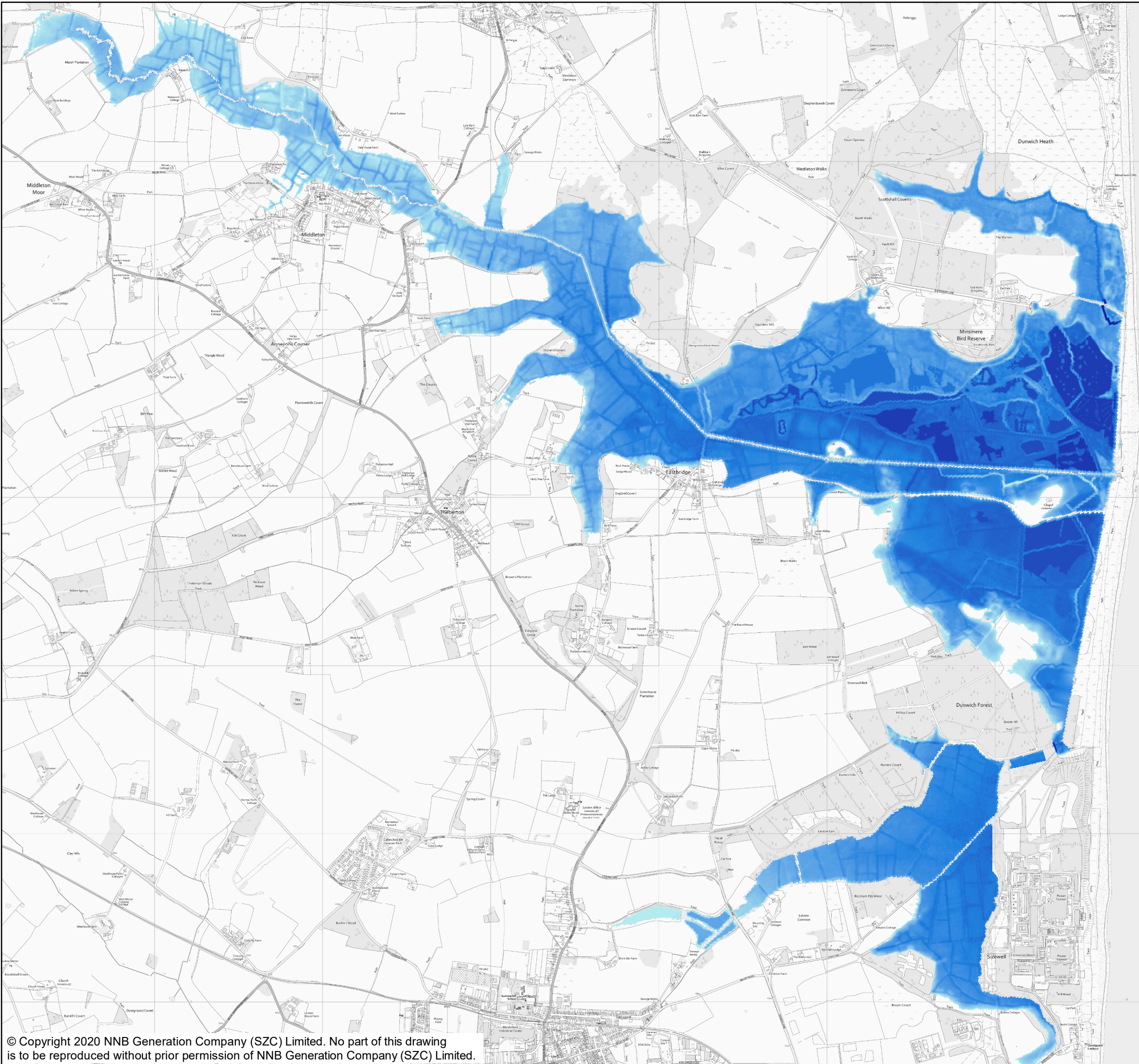
DATE:
JAN 2020

DRAWN:
P.S.

SCALE:
1:22,500 @A3

SCALE BAR



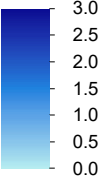


NOTES

KEY

WITH SCHEME 100 YEAR +65%CC

FLOOD DEPTH (M)



NOT PROTECTIVELY MARKED

COPYRIGHT

Reproduced from Ordnance Survey map with the permission of Ordnance Survey on behalf of the controller of Her Majesty's Stationary Office © Crown Copyright (2019). All Rights reserved. NNB GenCo 0100060408.

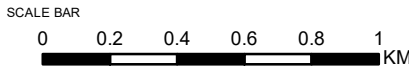


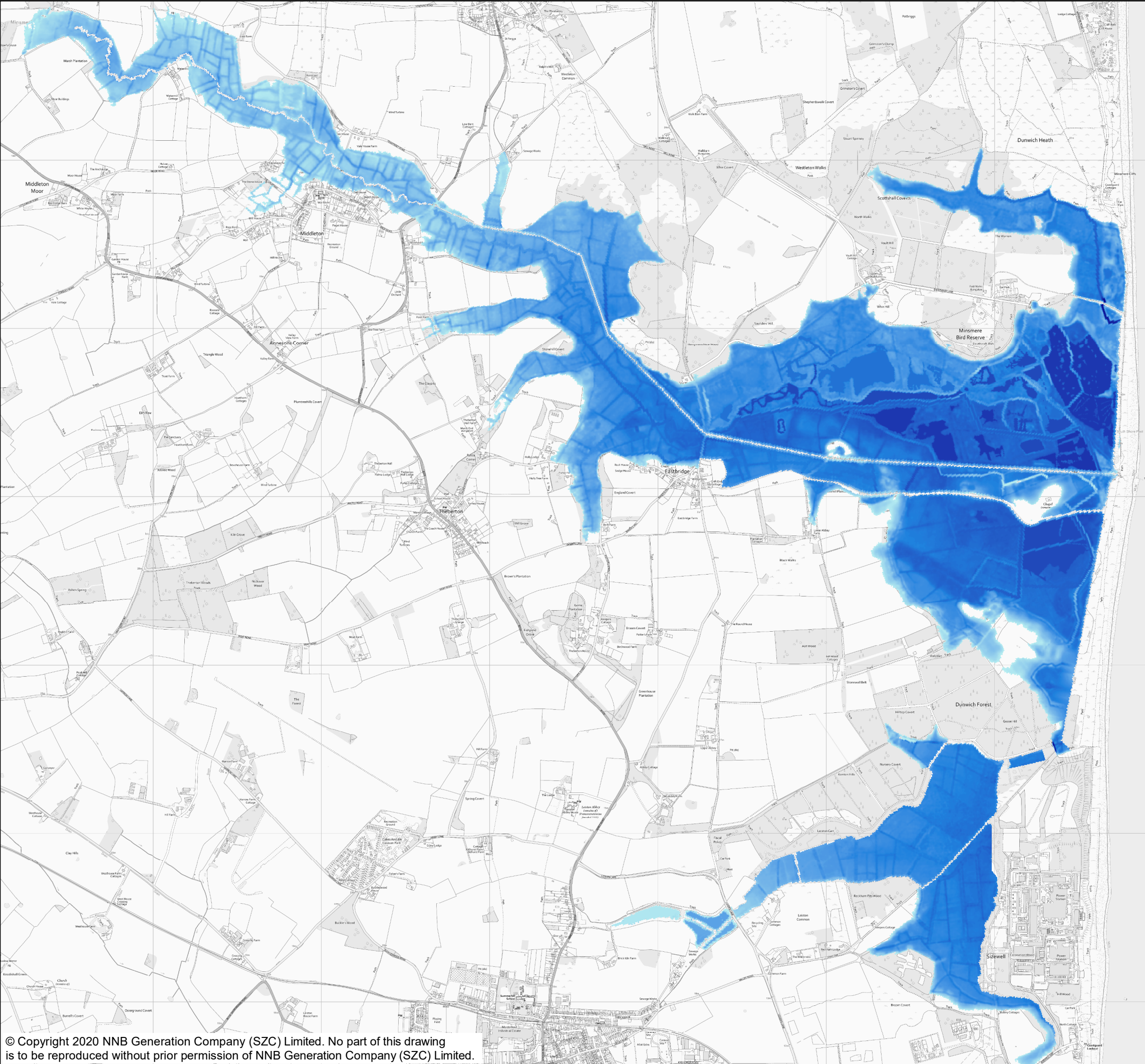
DOCUMENT:
SIZEWELL C
FLOOD RISK ASSESSMENT
FLUVIAL MODEL RESULTS

DRAWING TITLE:
WITH SCHEME FLOOD DEPTH
100 YEAR +65%CC

DRAWING NO:
FIGURE D.6

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





NOTES

KEY

WITH SCHEME 1000 YEAR +35%CC


FLOOD DEPTH (M)

3.0
2.5
2.0
1.5
1.0
0.5
0.0

NOT PROTECTIVELY MARKED

COPYRIGHT

Reproduced from Ordnance Survey map with the permission of Ordnance Survey on behalf of the controller of Her Majesty's Stationary Office © Crown Copyright (2019). All Rights reserved. NNB GenCo 0100060408.



DOCUMENT:

SIZEWELL C
FLOOD RISK ASSESSMENT
FLUVIAL MODEL RESULTS

DRAWING TITLE:

WITH SCHEME FLOOD DEPTH
1000 YEAR +35%CC

DRAWING NO:

FIGURE D.7

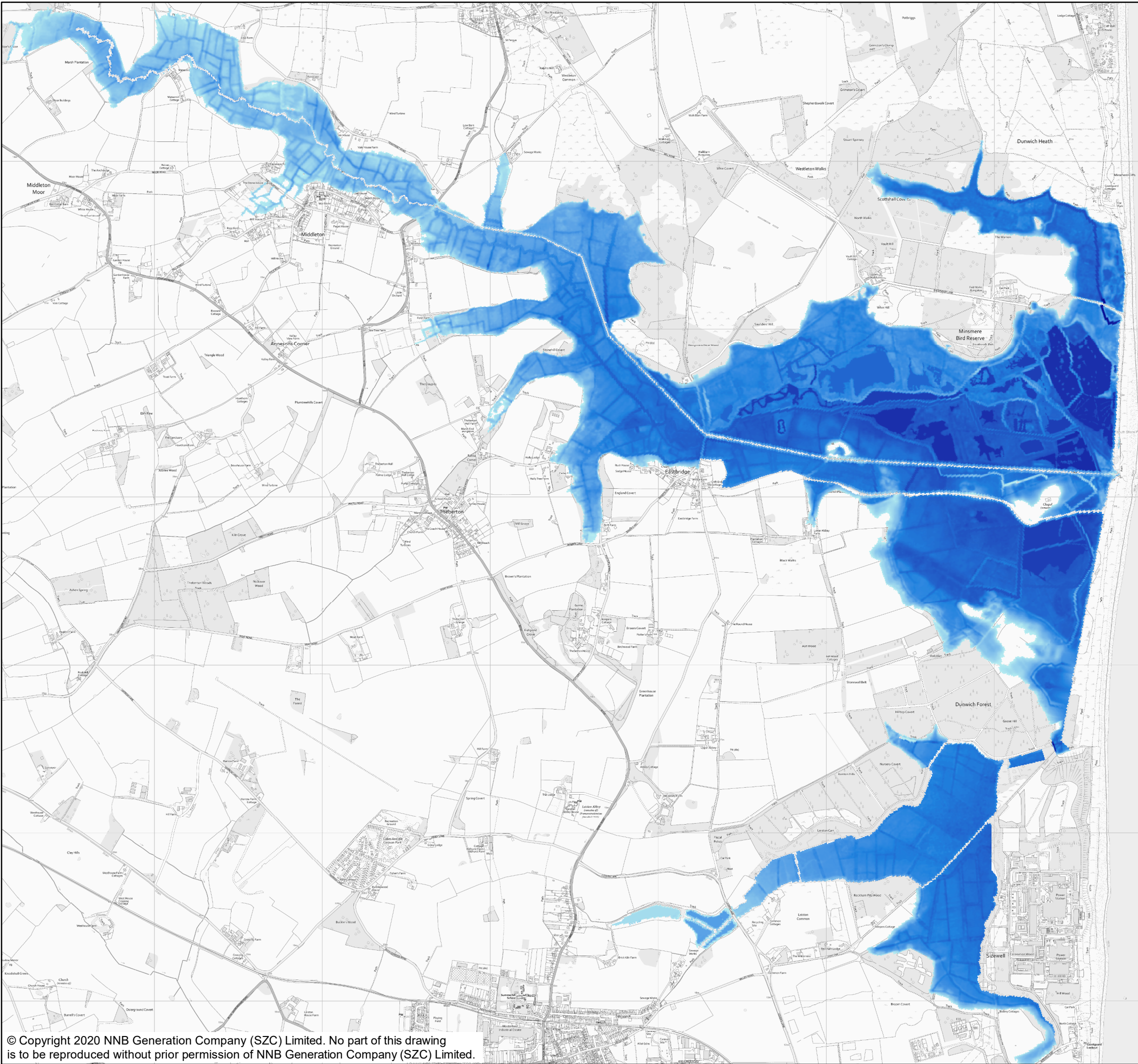
DATE: JAN 2020

DRAWN: P.S.

SCALE: 1:22,500 @A3

SCALE BAR

0 0.2 0.4 0.6 0.8 1 KM



NOTES

KEY


WITH SCHEME 1000 YEAR +65%CC

FLOOD DEPTH (M)

3.0
2.5
2.0
1.5
1.0
0.5
0.0

NOT PROTECTIVELY MARKED

COPYRIGHT
Reproduced from Ordnance Survey map with the permission of Ordnance Survey on behalf of the controller of Her Majesty's Stationary Office © Crown Copyright (2019). All Rights reserved. NNB GenCo 0100060408.



DOCUMENT:
SIZEWELL C
FLOOD RISK ASSESSMENT
FLUVIAL MODEL RESULTS

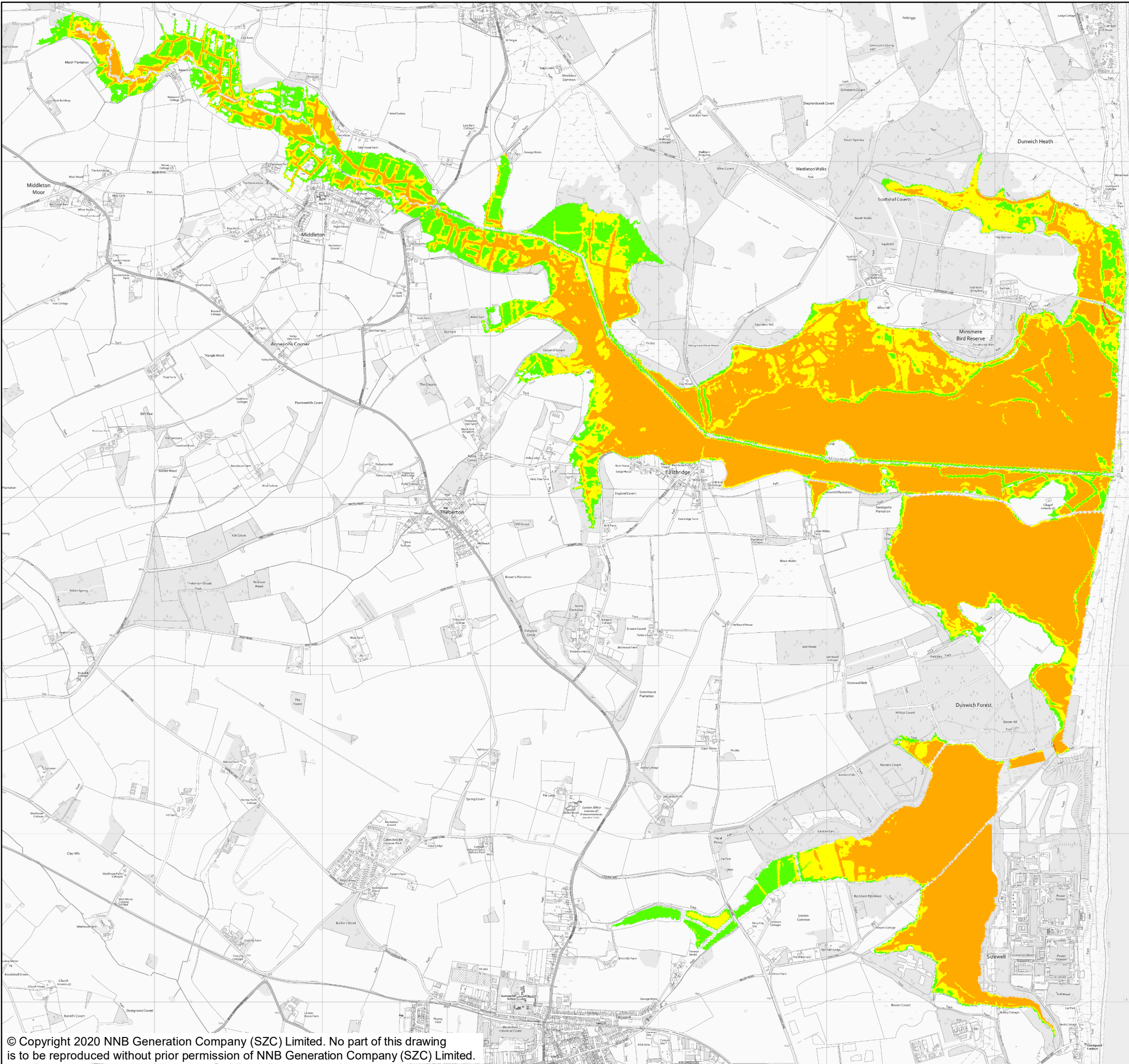
DRAWING TITLE:
WITH SCHEME FLOOD DEPTH
1000 YEAR +65%CC

DRAWING NO:
FIGURE D.8

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

SCALE BAR

0 0.2 0.4 0.6 0.8 1 KM



NOTES

KEY

WITH SCHEME 5 YEAR +35%CC

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)

NOT PROTECTIVELY MARKED

COPYRIGHT
Reproduced from Ordnance Survey map with the permission of Ordnance Survey on behalf of the controller of Her Majesty's Stationary Office © Crown Copyright (2019). All Rights reserved. NNB GenCo 0100060408.

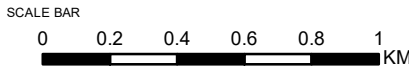


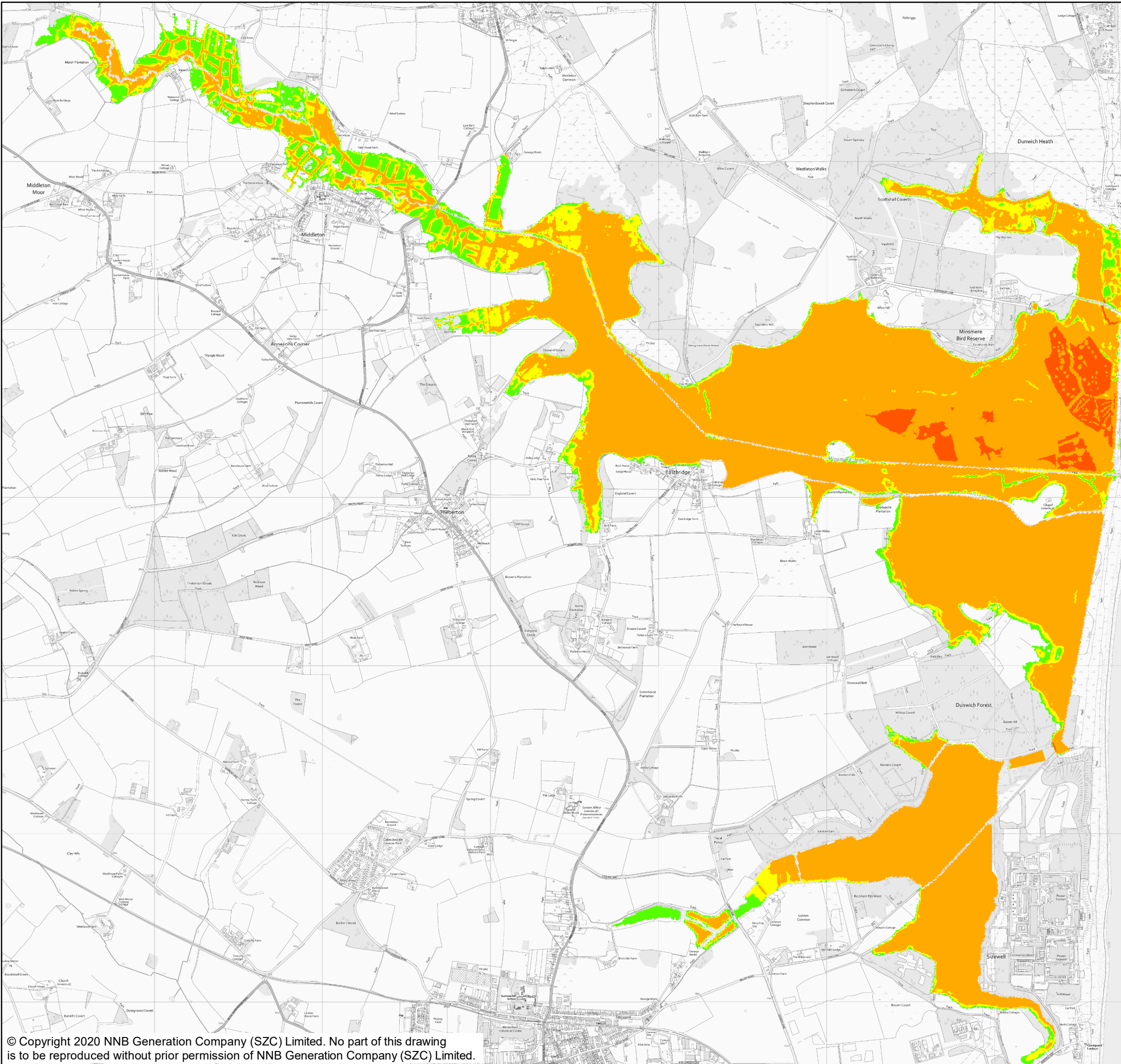
DOCUMENT:
SIZEWELL C
FLOOD RISK ASSESSMENT
FLUVIAL MODEL RESULTS

DRAWING TITLE:
WITH SCHEME HAZARD MAP
5 YEAR +35%CC

DRAWING NO:
FIGURE D.9

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





NOTES

KEY

WITH SCHEME 5 YEAR +65%CC

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)

NOT PROTECTIVELY MARKED

COPYRIGHT
Reproduced from Ordnance Survey map with the permission of Ordnance Survey on behalf of the controller of Her Majesty's Stationary Office © Crown Copyright (2019). All Rights reserved. NNB GenCo 0100060408.



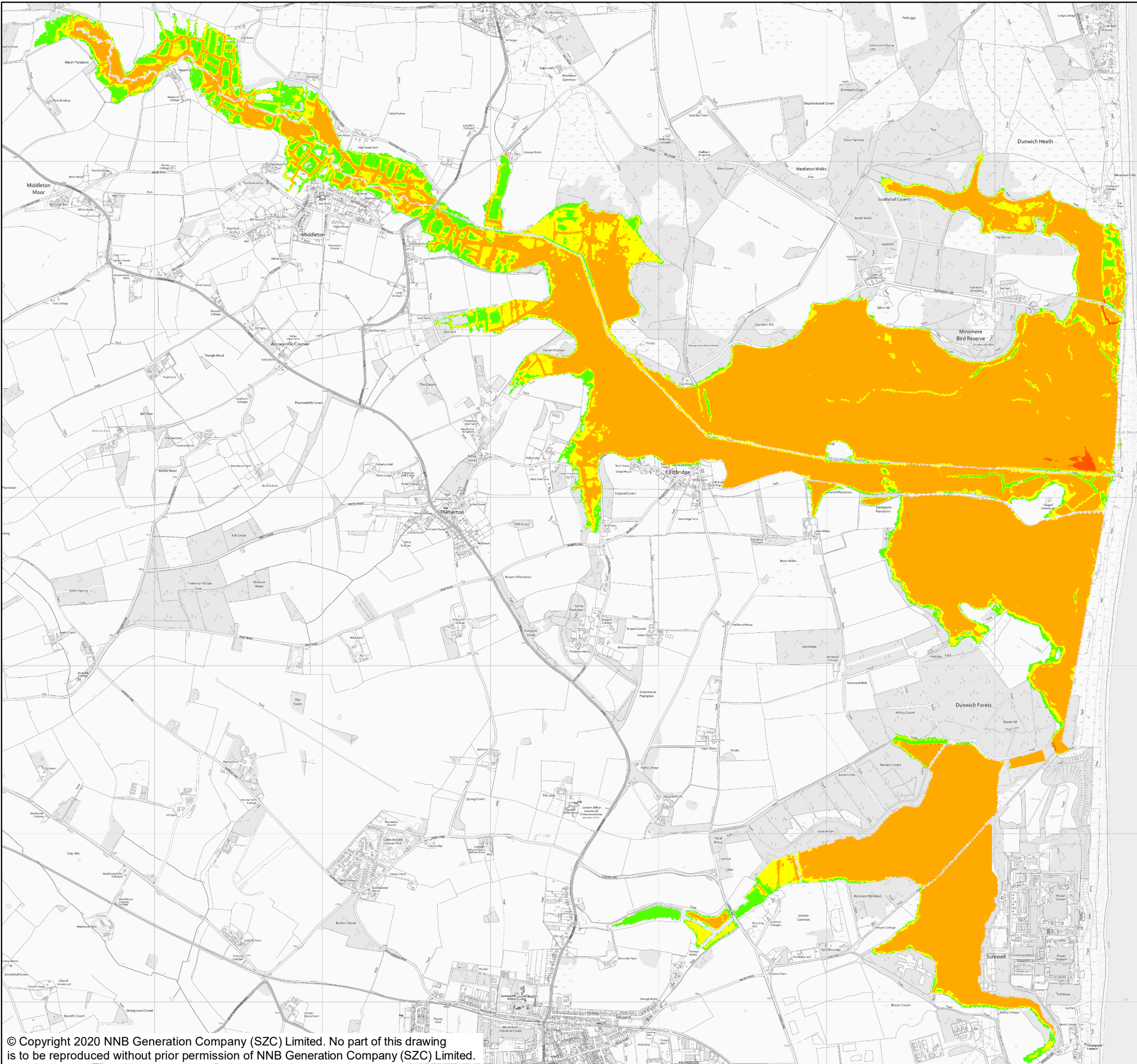
DOCUMENT:
SIZEWELL C
FLOOD RISK ASSESSMENT
FLUVIAL MODEL RESULTS

DRAWING TITLE:
WITH SCHEME HAZARD MAP
5 YEAR +65%CC

DRAWING NO:
FIGURE D.10

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

SCALE BAR
0 0.2 0.4 0.6 0.8 1 KM



NOTES

KEY

WITH SCHEME 20 YEAR +35%CC

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)

NOT PROTECTIVELY MARKED

COPYRIGHT
Reproduced from Ordnance Survey map with the permission of Ordnance Survey on behalf of the controller of Her Majesty's Stationary Office © Crown Copyright (2019). All Rights reserved. NNB GenCo 0100060408.

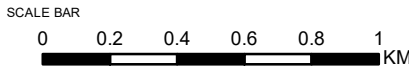


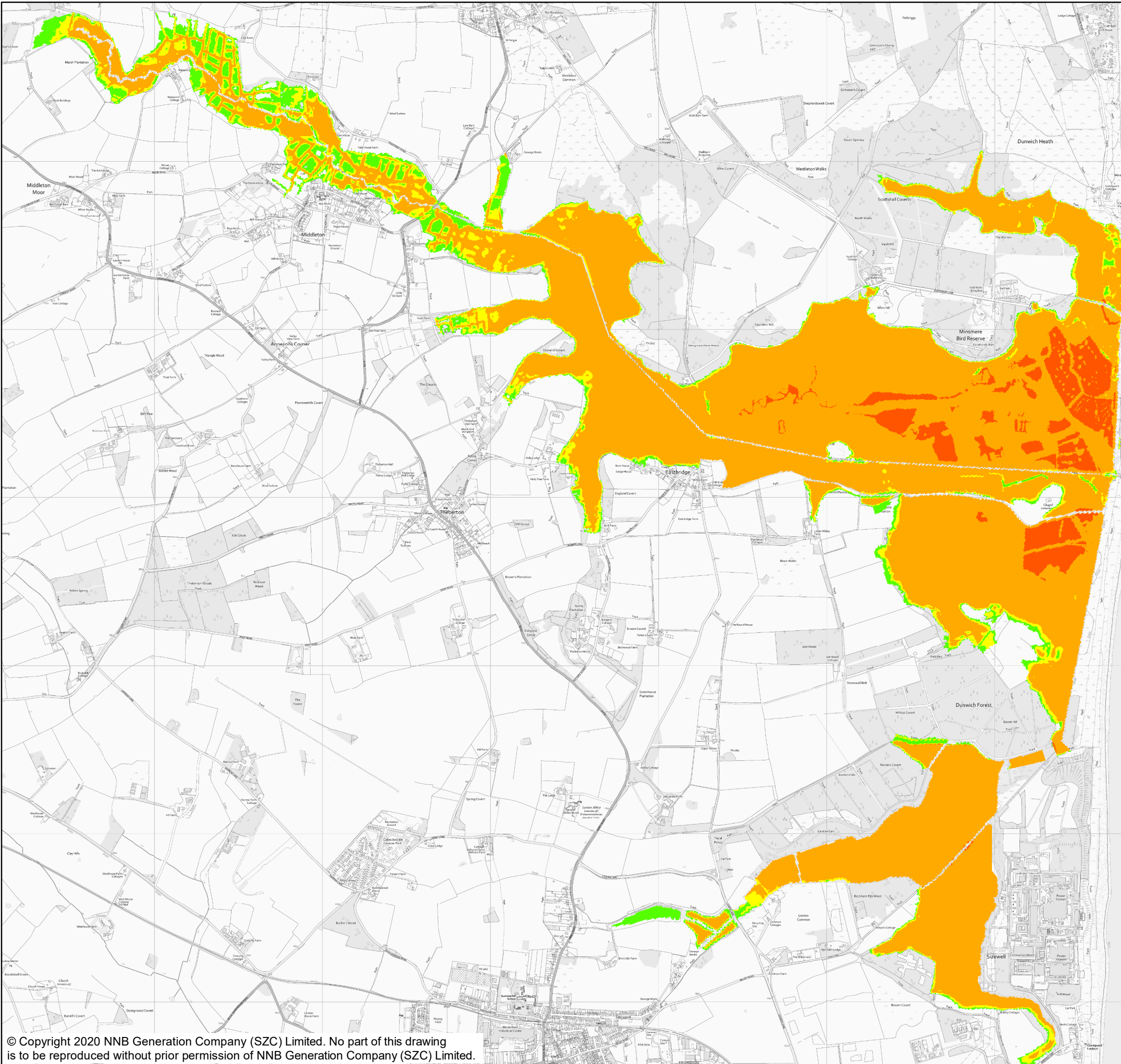
DOCUMENT:
SIZEWELL C
FLOOD RISK ASSESSMENT
FLUVIAL MODEL RESULTS

DRAWING TITLE:
WITH SCHEME HAZARD MAP
20 YEAR +35%CC

DRAWING NO:
FIGURE D.11

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





NOTES

KEY

WITH SCHEME 20 YEAR +65%CC

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)

NOT PROTECTIVELY MARKED

COPYRIGHT
Reproduced from Ordnance Survey map with the permission of Ordnance Survey on behalf of the controller of Her Majesty's Stationary Office © Crown Copyright (2019). All Rights reserved. NNB GenCo 0100060408.

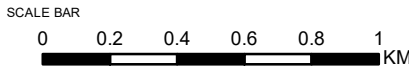


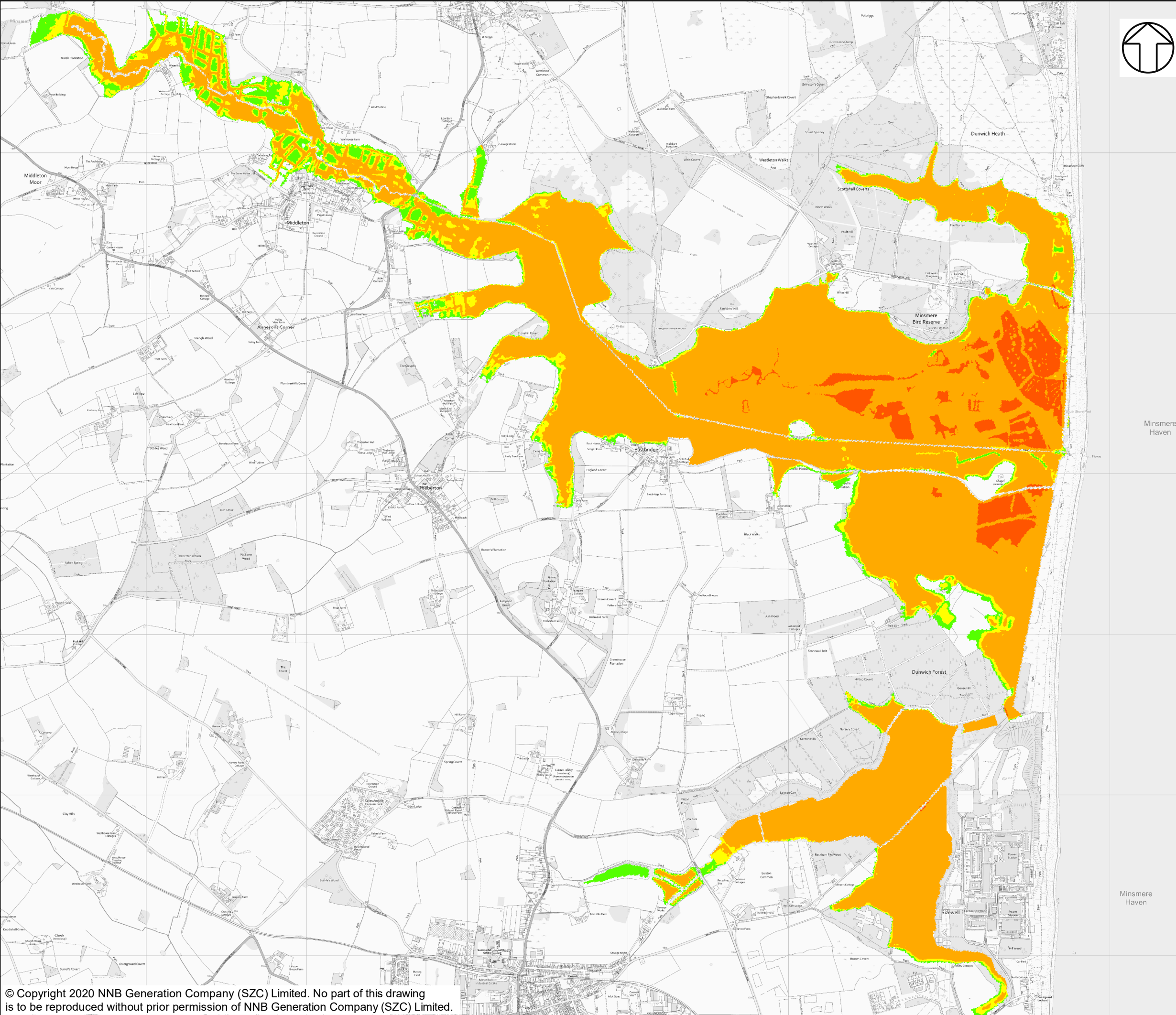
DOCUMENT:
SIZEWELL C
FLOOD RISK ASSESSMENT
FLUVIAL MODEL RESULTS

DRAWING TITLE:
WITH SCHEME HAZARD MAP
20 YEAR +65%CC

DRAWING NO:
FIGURE D.12

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





NOTES

KEY

WITH SCHEME 100 YEAR +35%CC

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)

NOT PROTECTIVELY MARKED

COPYRIGHT
Reproduced from Ordnance Survey map with the permission of Ordnance Survey on behalf of the controller of Her Majesty's Stationary Office © Crown Copyright (2019). All Rights reserved. NNB GenCo 0100060408.

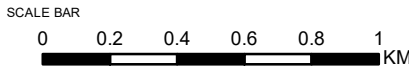


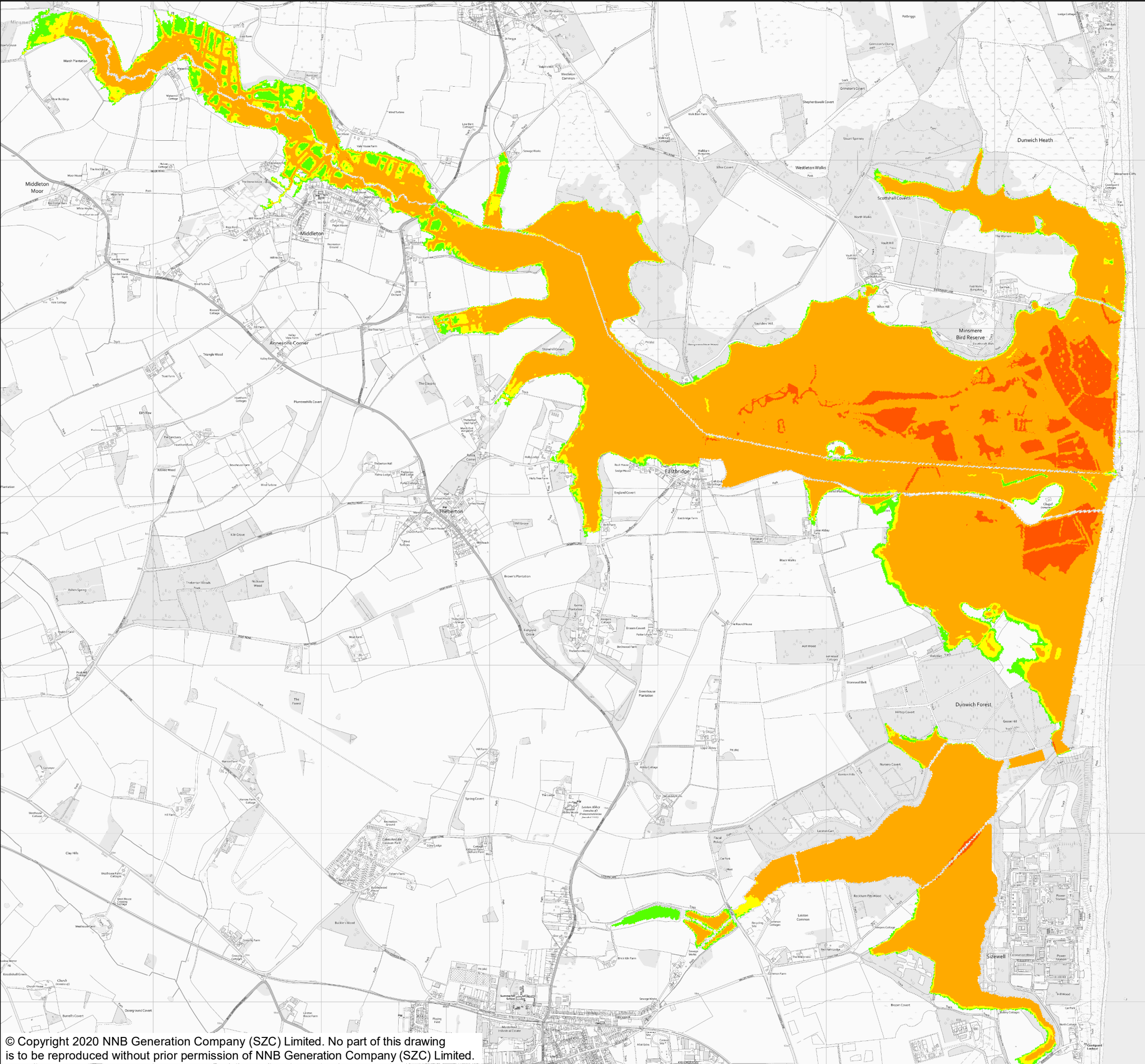
DOCUMENT:
SIZEWELL C
FLOOD RISK ASSESSMENT
FLUVIAL MODEL RESULTS

DRAWING TITLE:
WITH SCHEME HAZARD MAP
100 YEAR +35%CC

DRAWING NO:
FIGURE D.13

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





NOTES

KEY

WITH SCHEME 100 YEAR +65%CC

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)

NOT PROTECTIVELY MARKED

COPYRIGHT
Reproduced from Ordnance Survey map with the permission of Ordnance Survey on behalf of the controller of Her Majesty's Stationary Office © Crown Copyright (2019). All Rights reserved. NNB GenCo 0100060408.

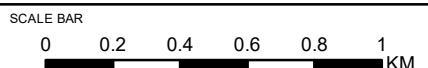


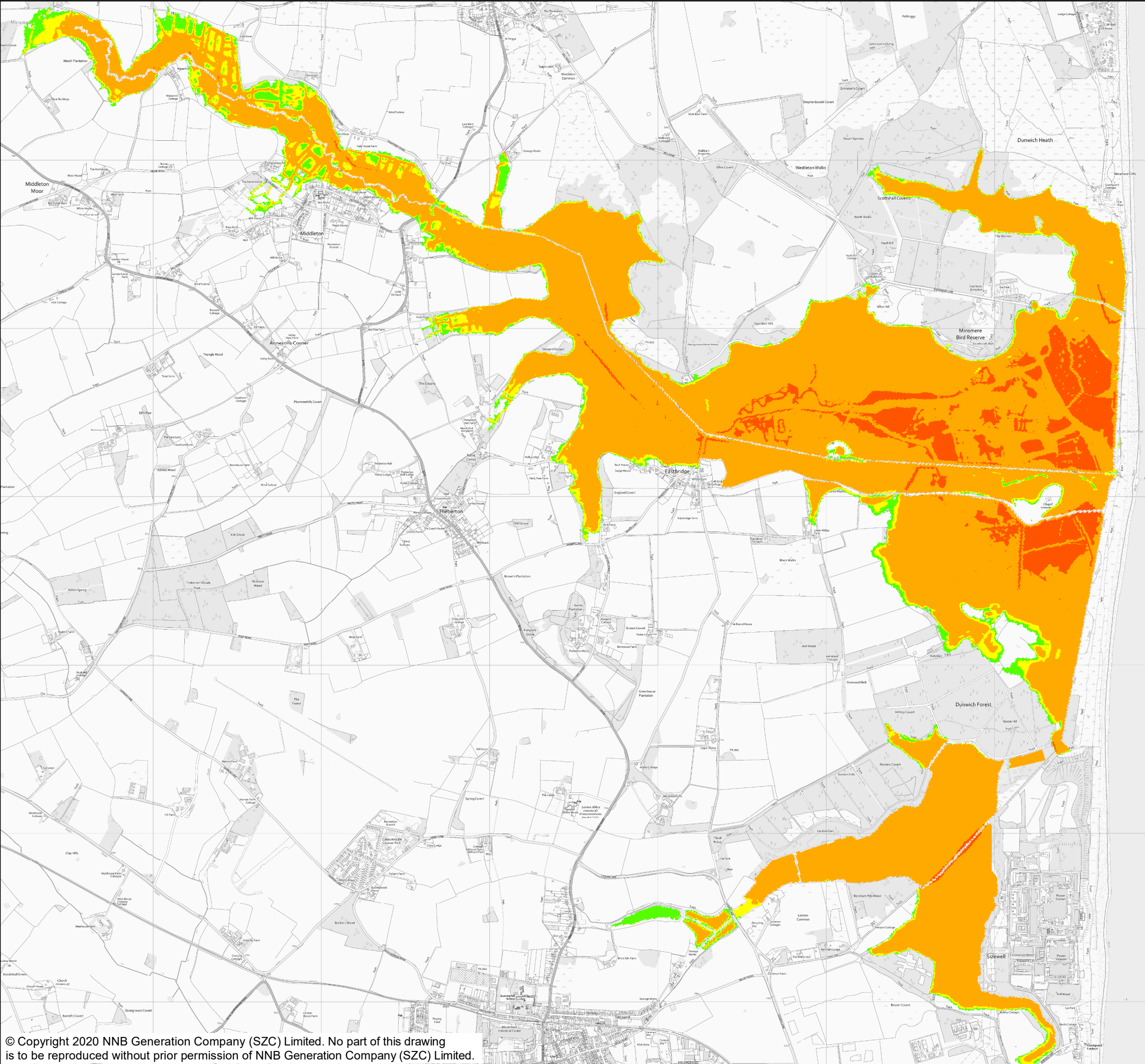
DOCUMENT:
SIZEWELL C
FLOOD RISK ASSESSMENT
FLUVIAL MODEL RESULTS

DRAWING TITLE:
WITH SCHEME HAZARD MAP
100 YEAR +65%CC

DRAWING NO:
FIGURE D.14

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





NOTES

KEY

WITH SCHEME 1000 YEAR +35%CC


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)

NOT PROTECTIVELY MARKED

COPYRIGHT

Reproduced from Ordnance Survey map with the permission of Ordnance Survey on behalf of the controller of Her Majesty's Stationary Office © Crown Copyright (2019). All Rights reserved. NNB GenCo 0100060408.



DOCUMENT:

SIZEWELL C

FLOOD RISK ASSESSMENT

FLUVIAL MODEL RESULTS

DRAWING TITLE:

WITH SCHEME HAZARD MAP

1000 YEAR +35%CC

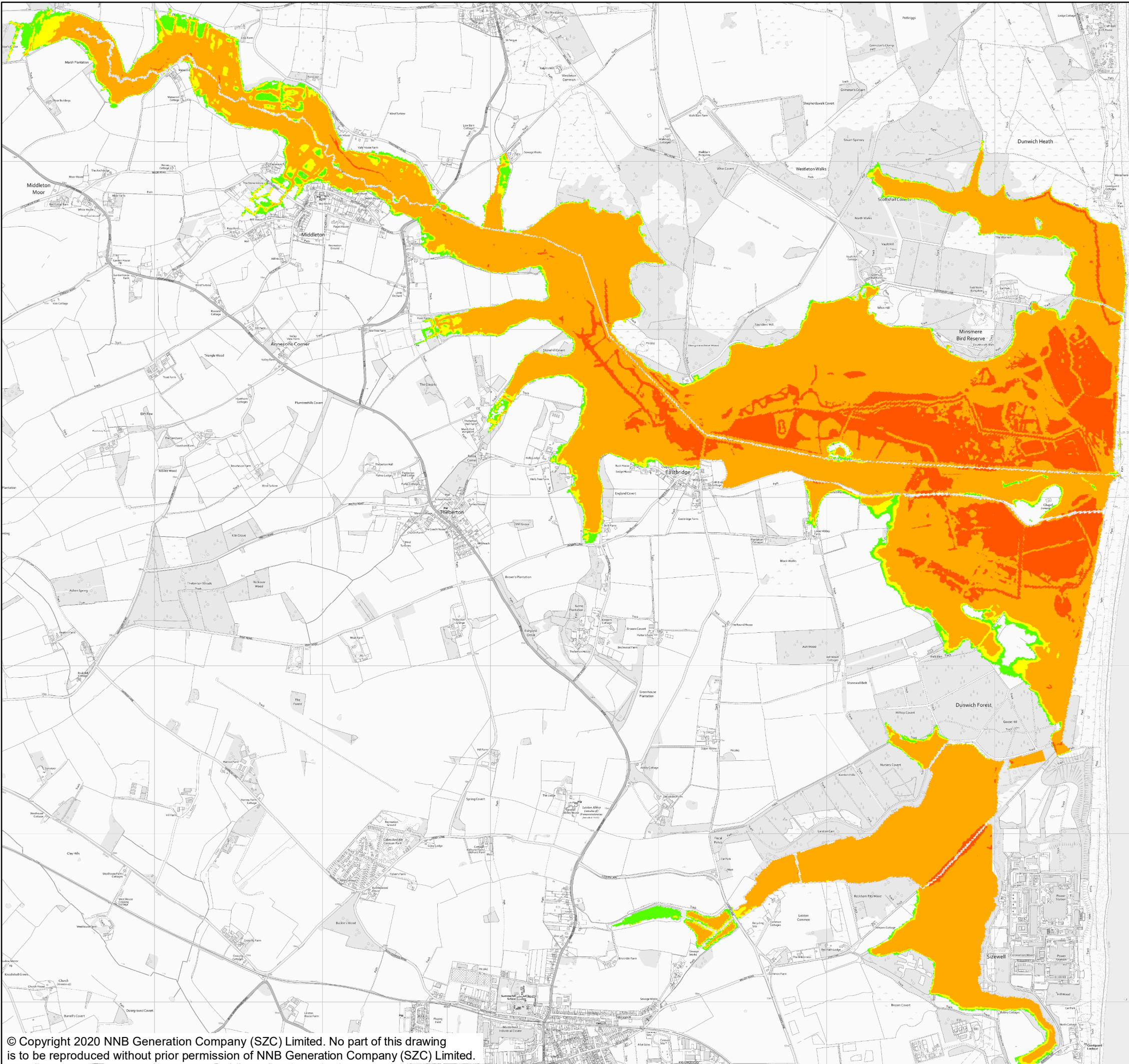
DRAWING NO:

FIGURE D.15

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

SCALE BAR

0 0.2 0.4 0.6 0.8 1 KM



NOTES

KEY

WITH SCHEME 1000 YEAR +65%CC

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)

NOT PROTECTIVELY MARKED

COPYRIGHT
Reproduced from Ordnance Survey map with the permission of Ordnance Survey on behalf of the controller of Her Majesty's Stationary Office © Crown Copyright (2019). All Rights reserved. NNB GenCo 0100060408.



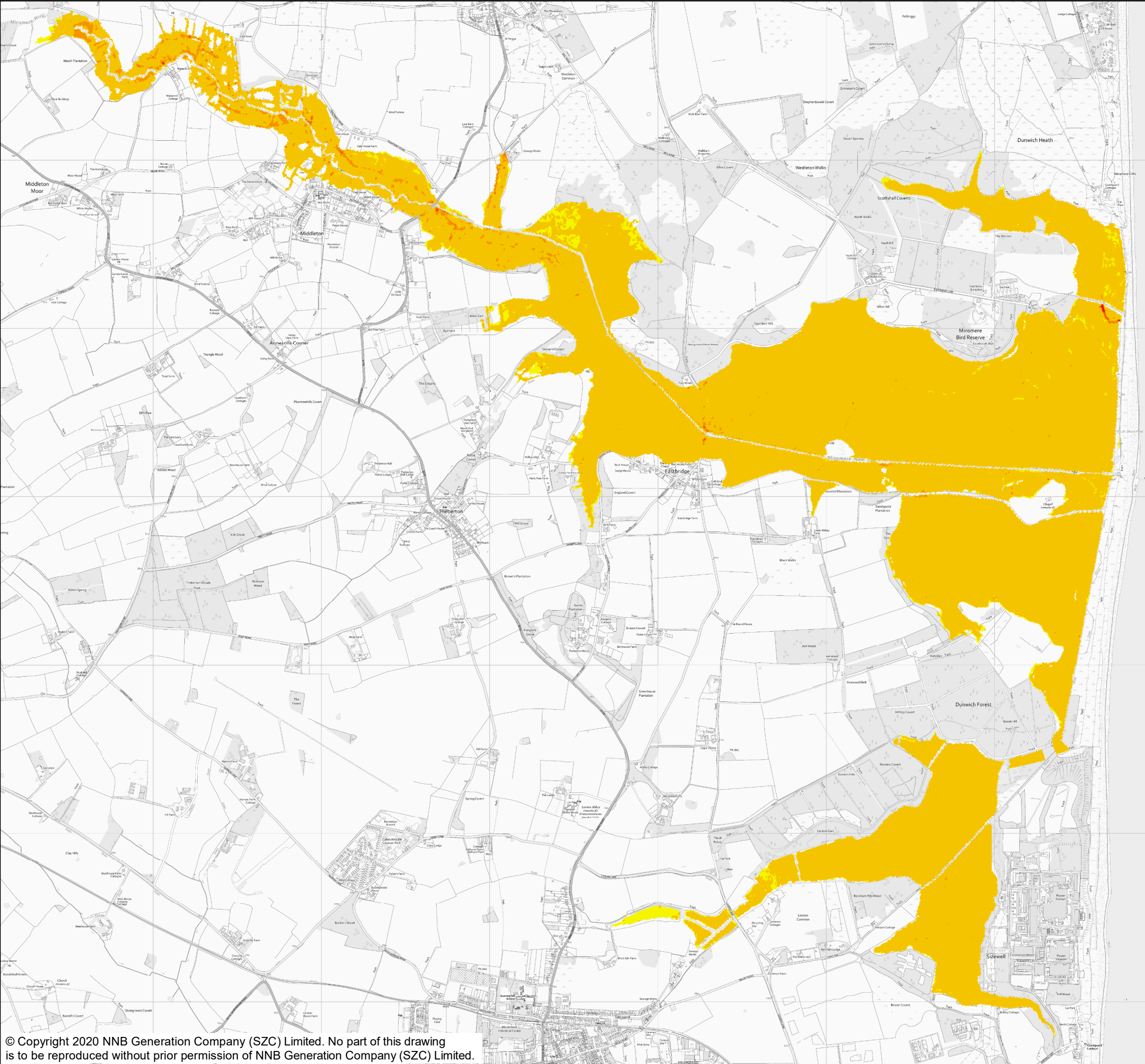
DOCUMENT:
SIZEWELL C
FLOOD RISK ASSESSMENT
FLUVIAL MODEL RESULTS

DRAWING TITLE:
WITH SCHEME HAZARD MAP
1000 YEAR +65%CC

DRAWING NO:
FIGURE D.16

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

SCALE BAR
0 0.2 0.4 0.6 0.8 1 KM



NOTES

KEY

WITH SCHEME 5 YEAR +35%CC

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

NOT PROTECTIVELY MARKED

COPYRIGHT

Reproduced from Ordnance Survey map with the permission of Ordnance Survey on behalf of the controller of Her Majesty's Stationary Office © Crown Copyright (2019). All Rights reserved. NNB GenCo 0100060408.

DOCUMENT:

SIZEWELL C

FLOOD RISK ASSESSMENT

FLUVIAL MODEL RESULTS

DRAWING TITLE:

WITH SCHEME VELOCITY MAP

5 YEAR +35%CC

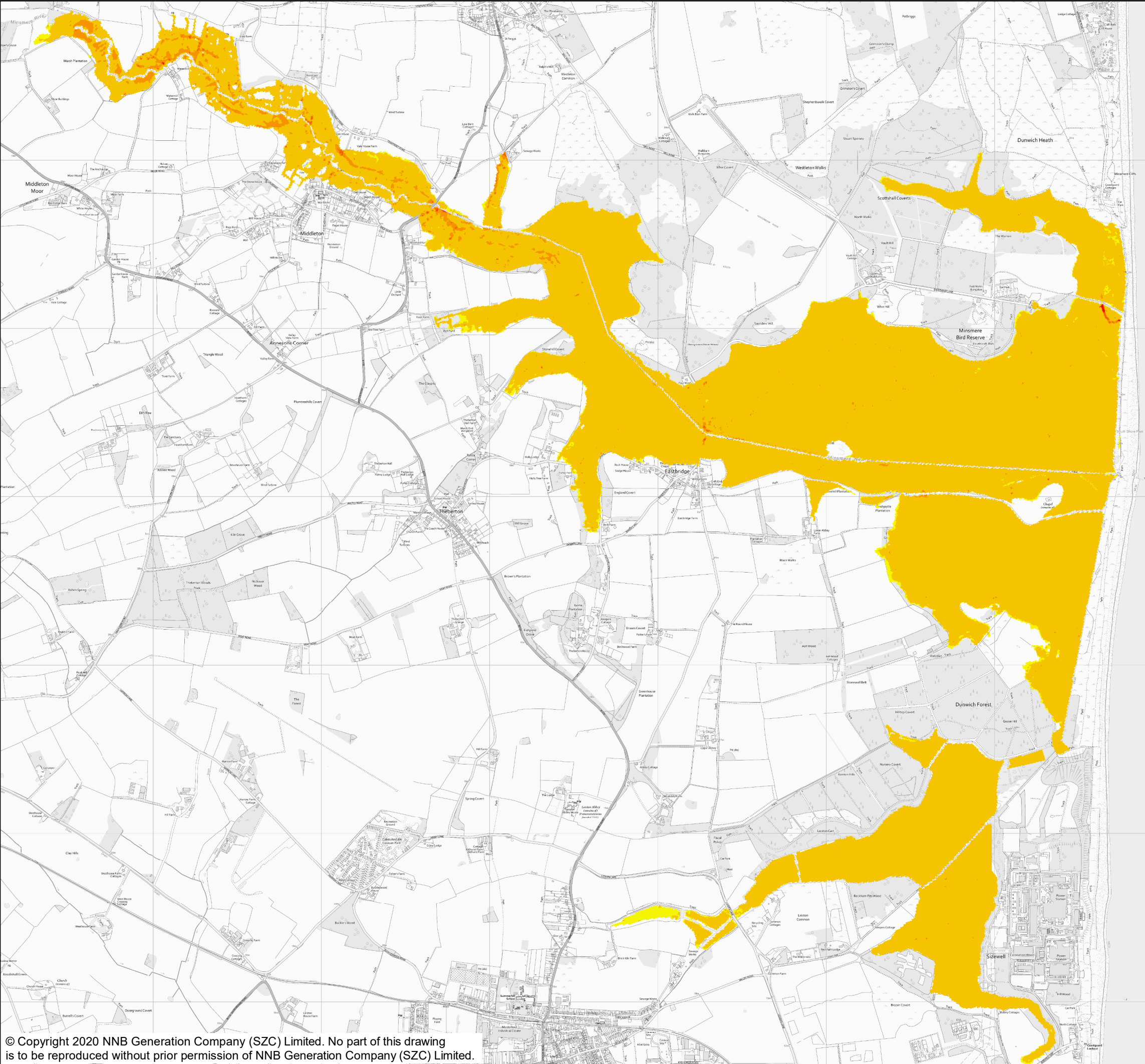
DRAWING NO:

FIGURE D.17

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

SCALE BAR

0 0.2 0.4 0.6 0.8 1 KM

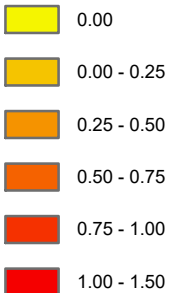


NOTES

KEY

WITH SCHEME 5 YEAR +65%CC

MAX VELOCITY (M/S)



NOT PROTECTIVELY MARKED

COPYRIGHT
Reproduced from Ordnance Survey map with the permission of Ordnance Survey on behalf of the controller of Her Majesty's Stationary Office © Crown Copyright (2019). All Rights reserved. NNB GenCo 0100060408.



DOCUMENT:
SIZEWELL C
FLOOD RISK ASSESSMENT
FLUVIAL MODEL RESULTS

DRAWING TITLE:
WITH SCHEME VELOCITY MAP
5 YEAR +65%CC

DRAWING NO:
FIGURE D.18

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

