



The Sizewell C Project

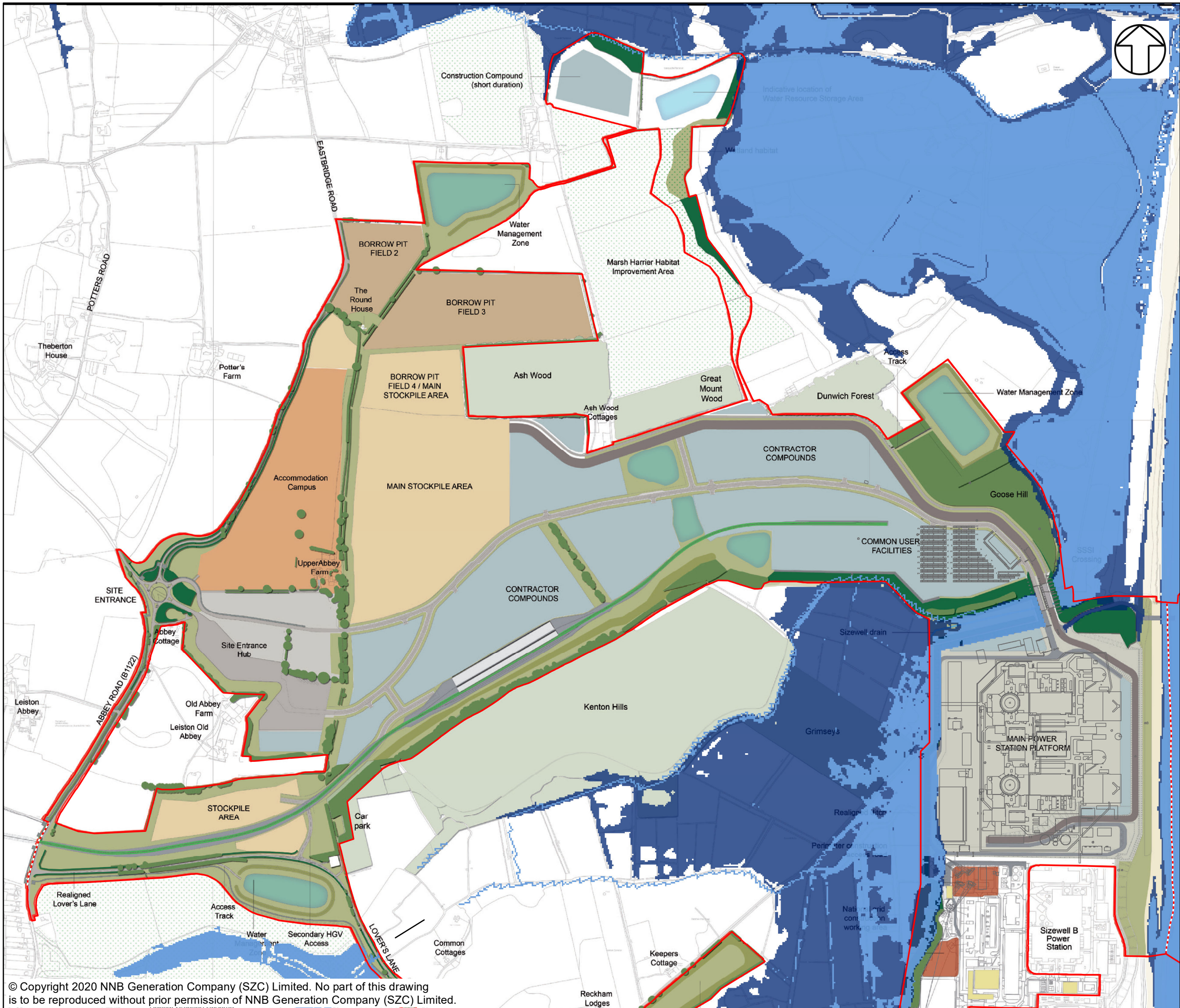
5.2 Main Development Site Flood Risk Assessment Figures 41- 50

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

- SIZEWELL C AND ASSOCIATED DEVELOPMENT SITE BOUNDARIES
- DEMARCATION LINE
- WITH SCHEME 200YR COASTAL INUNDATION FLOOD EXTENT (2030)
- WITH SCHEME 1000YR COASTAL INUNDATION FLOOD EXTENT (2030)

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DOCUMENT:
SIZEWELL C
MAIN DEVELOPMENT SITE
FLOOD RISK ASSESSMENT

DRAWING TITLE:
COASTAL INUNDATION 'WITH SCHEME' MODEL
RESULTS FOR 1 IN 200-YEAR AND 1 IN 1,000-
YEAR EVENT WITH CLIMATE CHANGE UP TO
2030 FOR THE TEMPORARY CONSTRUCTION AREA

DRAWING NO:
FIGURE 41

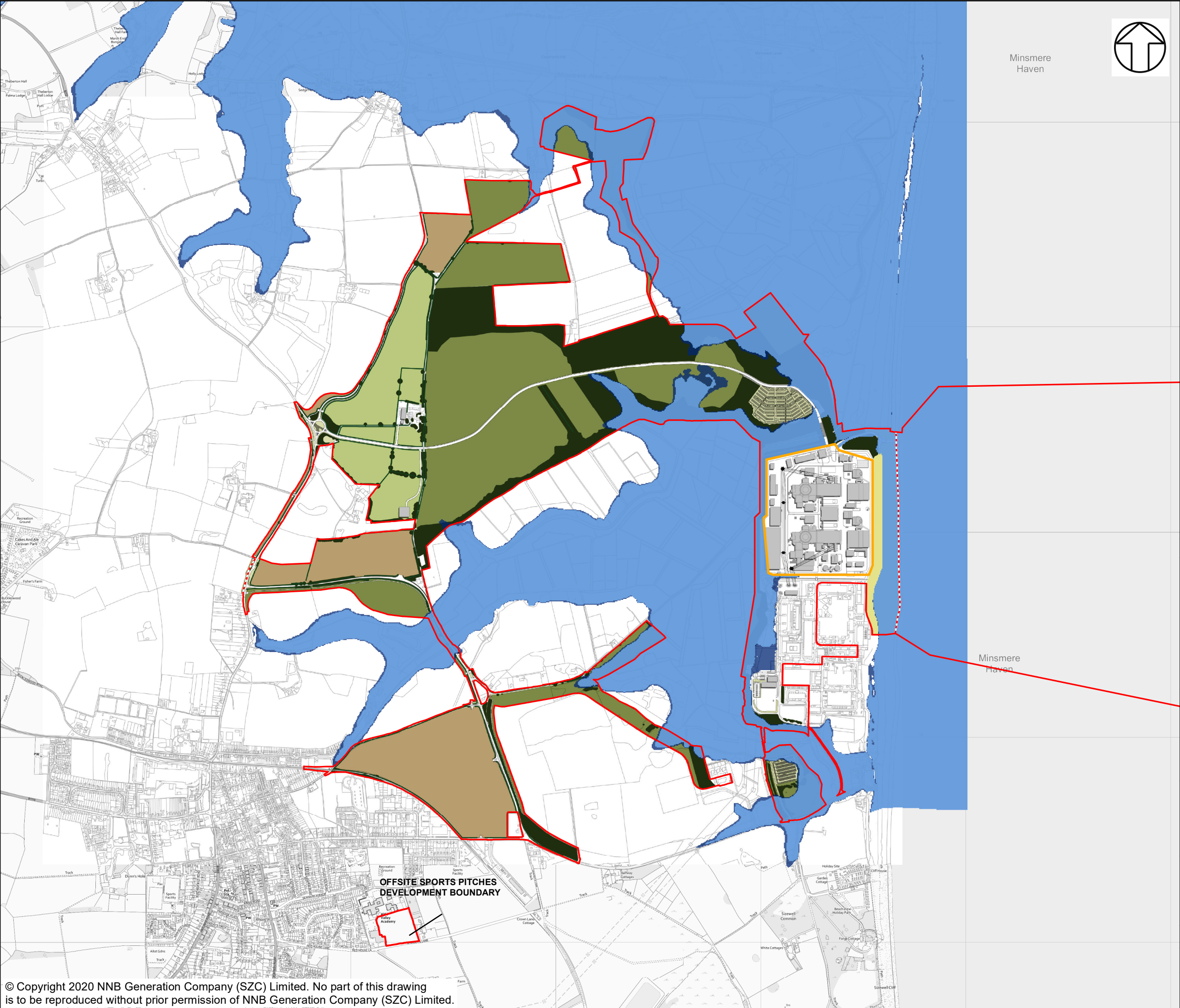
DATE:
JAN 2020

DRAWN:
E.H.

SCALE:
1:10,000 @A3

SCALE BAR

0 100 200 300 400 500
M



NOTES

KEY

- SIZEWELL C AND ASSOCIATED DEVELOPMENT SITE BOUNDARIES
- DEMARCATION LINE
- WITH SCHEME 200YR COASTAL INUNDATION FLOOD EXTENT (2190)
- WITH SCHEME 1000YR COASTAL INUNDATION FLOOD EXTENT (2190)
- MDS PLATFORM MODELLING BOUNDARY

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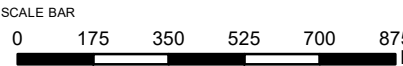


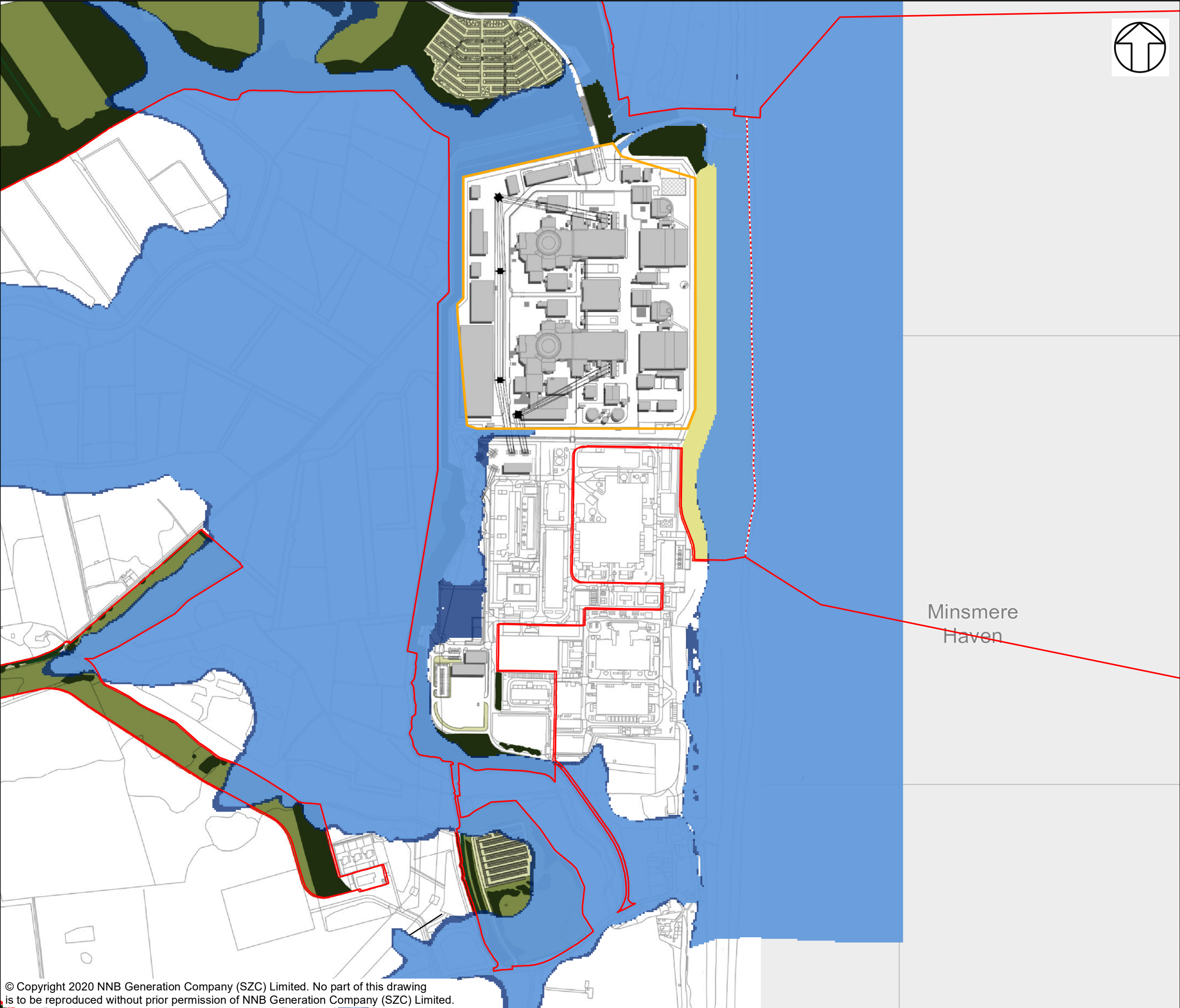
DOCUMENT:
SIZEWELL C
MAIN DEVELOPMENT SITE
FLOOD RISK ASSESSMENT

DRAWING TITLE:
COASTAL INUNDATION 'WITH SCHEME' MODEL
RESULTS FOR 1 IN-200 YEAR AND 1,000-YEAR
EVENT WITH CLIMATE CHANGE UP TO 2190
FOR THE STUDY AREA

DRAWING NO:
FIGURE 43

DATE: JAN 2020 DRAWN: P.S. SCALE: 1:17,500 @A3





NOTES

KEY

- SIZEWELL C AND ASSOCIATED DEVELOPMENT SITE BOUNDARIES
- DEMARCATION LINE
- WITH SCHEME 200YR COASTAL INUNDATION FLOOD EXTENT (2190)
- WITH SCHEME 1000YR COASTAL INUNDATION FLOOD EXTENT (2190)
- MDS PLATFORM MODELLING BOUNDARY

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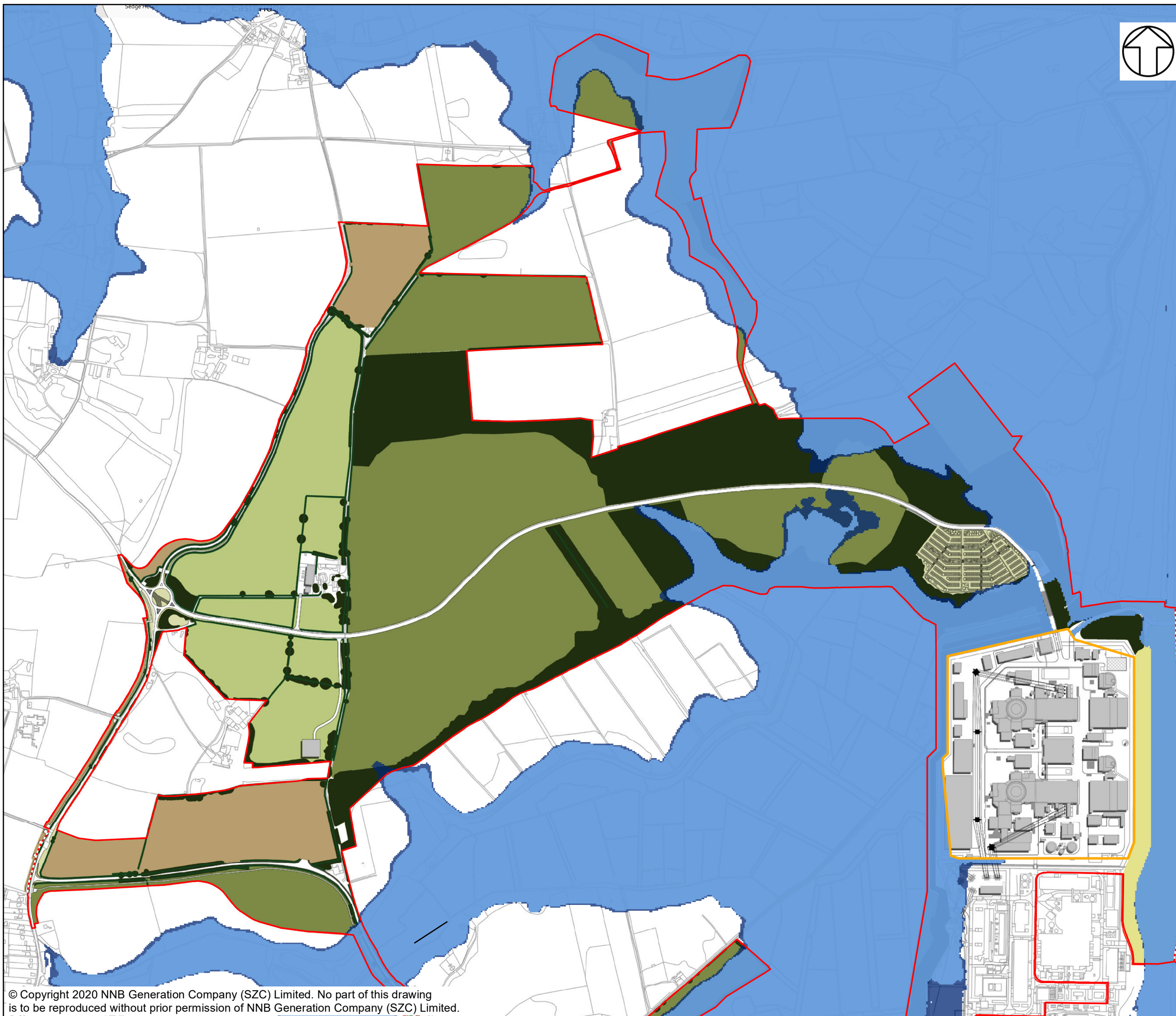
DOCUMENT:
SIZEWELL C
MAIN DEVELOPMENT SITE
FLOOD RISK ASSESSMENT

DRAWING TITLE:
COASTAL INUNDATION 'WITH SCHEME' MODEL
RESULTS FOR 1 IN-200 YEAR AND 1,000-YEAR
EVENT WITH CLIMATE CHANGE UP TO 2190
FOR THE MAIN PLATFORM

DRAWING NO:
FIGURE 44

DATE: JAN 2020 **DRAWN:** P.S. **SCALE:** 1:8,000 @A3

SCALE BAR
0 80 160 240 320 400 M



NOTES

KEY

- SIZEWELL C AND ASSOCIATED DEVELOPMENT SITE BOUNDARIES
- - - DEMARCATION LINE
- WITH SCHEME 200YR COASTAL INUNDATION FLOOD EXTENT (2190)
- WITH SCHEME 1000YR COASTAL INUNDATION FLOOD EXTENT (2190)
- MDS PLATFORM MODELLING BOUNDARY

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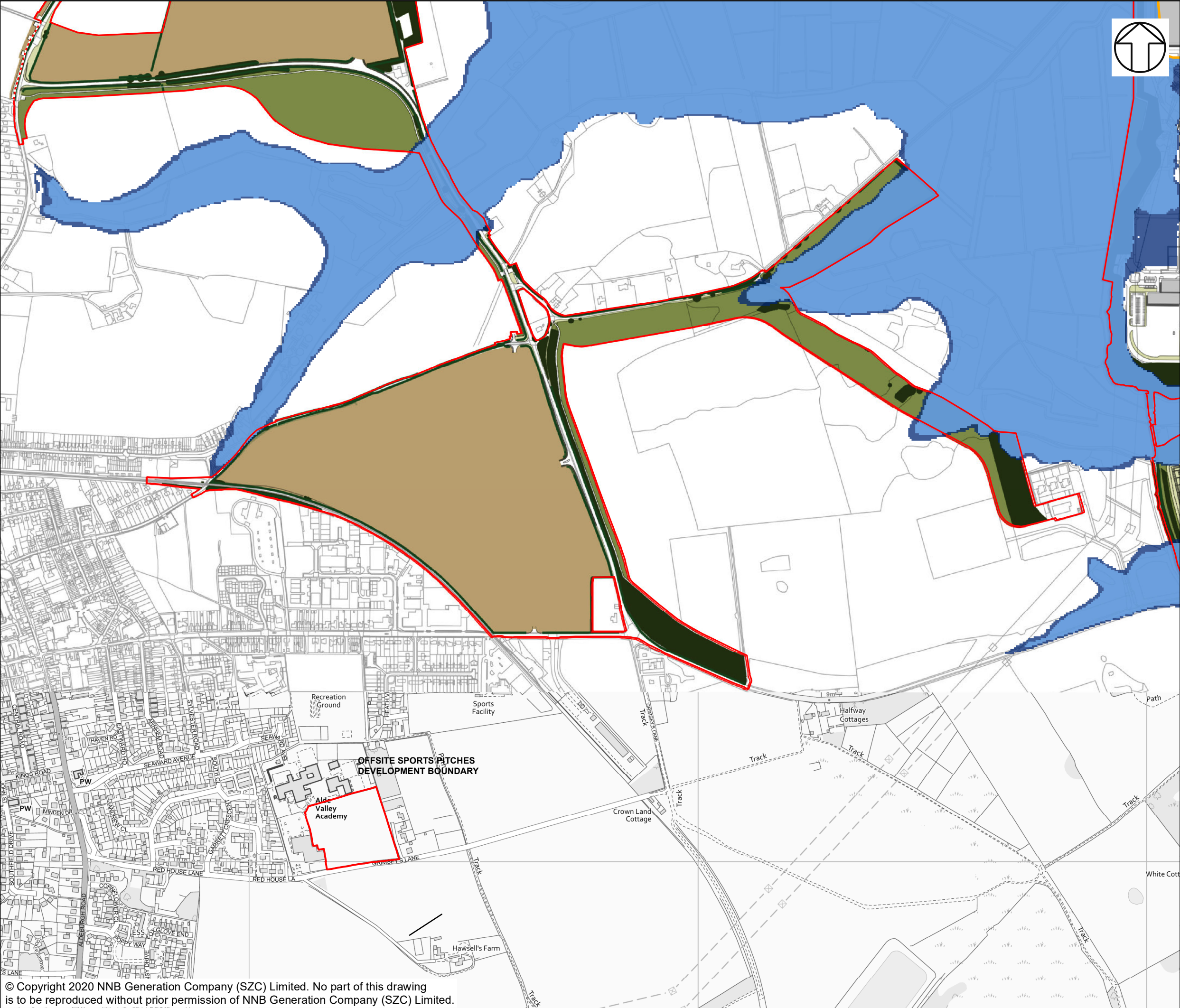
DOCUMENT:
SIZEWELL C
MAIN DEVELOPMENT SITE
FLOOD RISK ASSESSMENT

DRAWING TITLE:
COASTAL INUNDATION 'WITH SCHEME' MODEL
RESULTS FOR 1 IN-200 YEAR AND 1,000-YEAR
EVENT WITH CLIMATE CHANGE UP TO 2190
FOR THE TEMPORARY CONSTRUCTION AREA

DRAWING NO:
FIGURE 45

DATE: JAN 2020 **DRAWN:** P.S. **SCALE:** 1:10,000 @A3

SCALE BAR
0 100 200 300 400 500 M



NOTES

KEY

- SIZEWELL C AND ASSOCIATED DEVELOPMENT SITE BOUNDARIES
- DEMARCATION LINE
- WITH SCHEME 200YR COASTAL INUNDATION FLOOD EXTENT (2190)
- WITH SCHEME 1000YR COASTAL INUNDATION FLOOD EXTENT (2190)
- MDS PLATFORM MODELLING BOUNDARY

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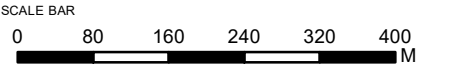


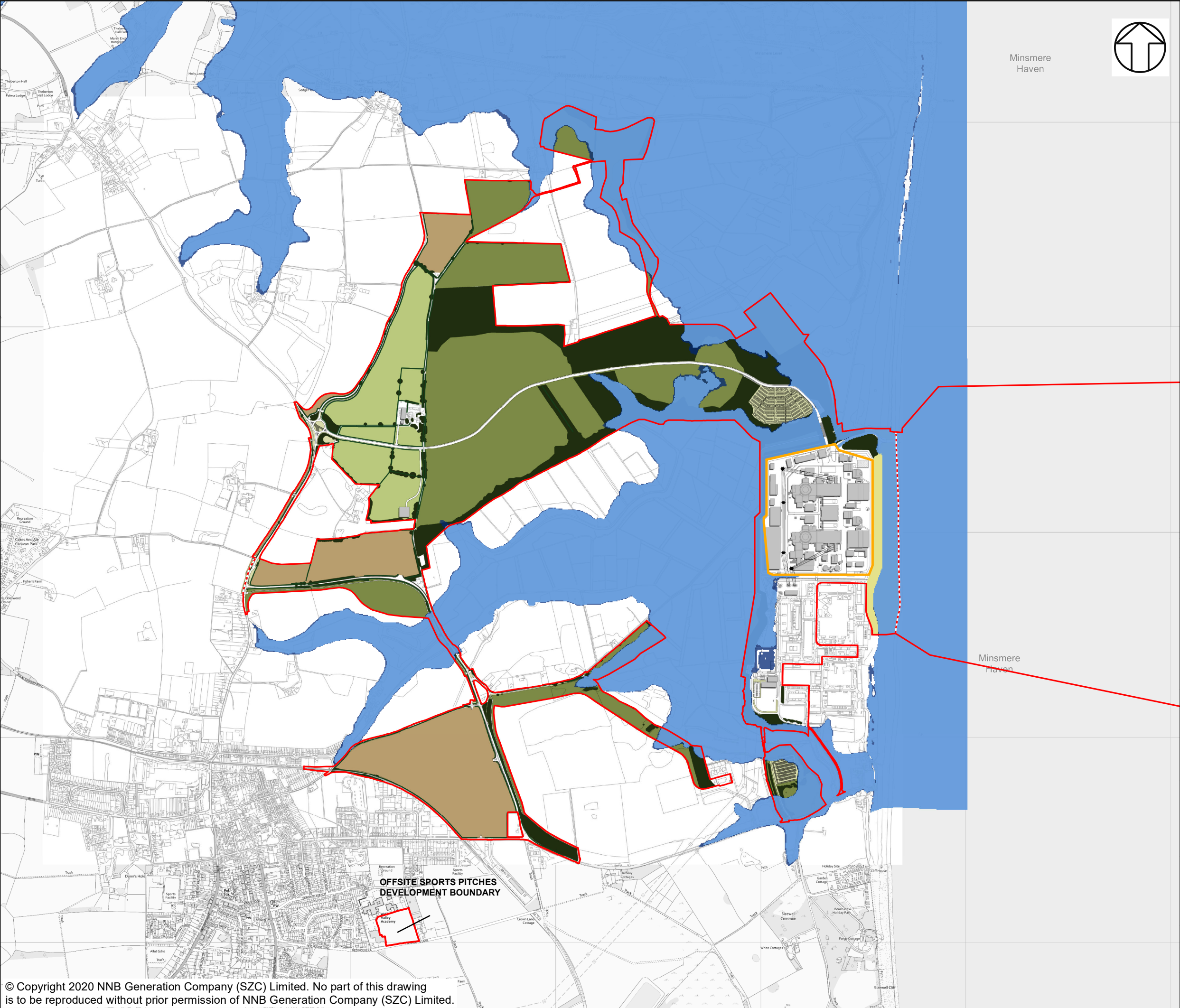
DOCUMENT:
SIZEWELL C
MAIN DEVELOPMENT SITE
FLOOD RISK ASSESSMENT

DRAWING TITLE:
Coastal inundation 'with scheme' model results for 1 in-200 year and 1,000-year event with climate change up to 2190 for the LEEIE area

DRAWING NO:
FIGURE 46

DATE: JAN 2020 **DRAWN:** P.S. **SCALE:** 1:8,000 @A3





- NOTES**
- KEY**
- SIZEWELL C AND ASSOCIATED DEVELOPMENT SITE BOUNDARIES
 - DEMARCATION LINE
 - WITH SCHEME 200YR BREACH FLOOD EXTENT (2190)
 - WITH SCHEME 1000YR BREACH FLOOD EXTENT (2190)
 - MDS PLATFORM MODELLING BOUNDARY

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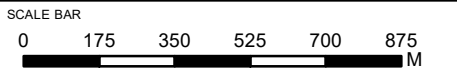


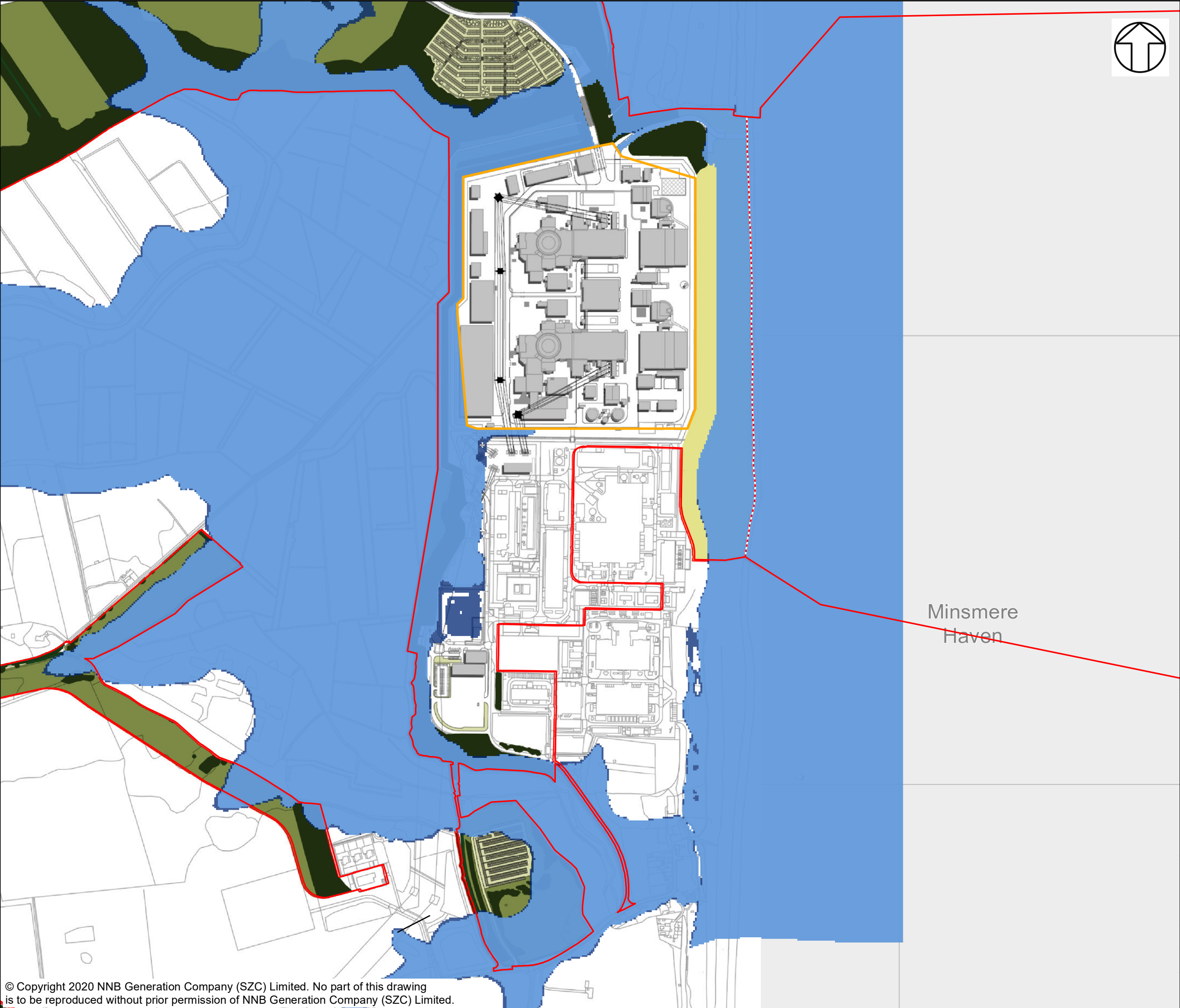
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SIZEWELL C
MAIN DEVELOPMENT SITE
FLOOD RISK ASSESSMENT

DRAWING TITLE:
TANK TRAPS BREACH MODEL RESULTS FOR 1
IN 200-YEAR AND 1,000-YEAR EVENT WITH
CLIMATE CHANGE UP TO 2190 FOR THE STUDY
AREA

DRAWING NO:
FIGURE 47

DATE: JAN 2020 **DRAWN:** P.S. **SCALE:** 1:17,500 @A3





- NOTES**
- KEY**
- SIZEWELL C AND ASSOCIATED DEVELOPMENT SITE BOUNDARIES
 - - - DEMARCATION LINE
 - WITH SCHEME 200YR BREACH FLOOD EXTENT (2190)
 - WITH SCHEME 1000YR BREACH FLOOD EXTENT (2190)
 - MDS PLATFORM MODELLING BOUNDARY

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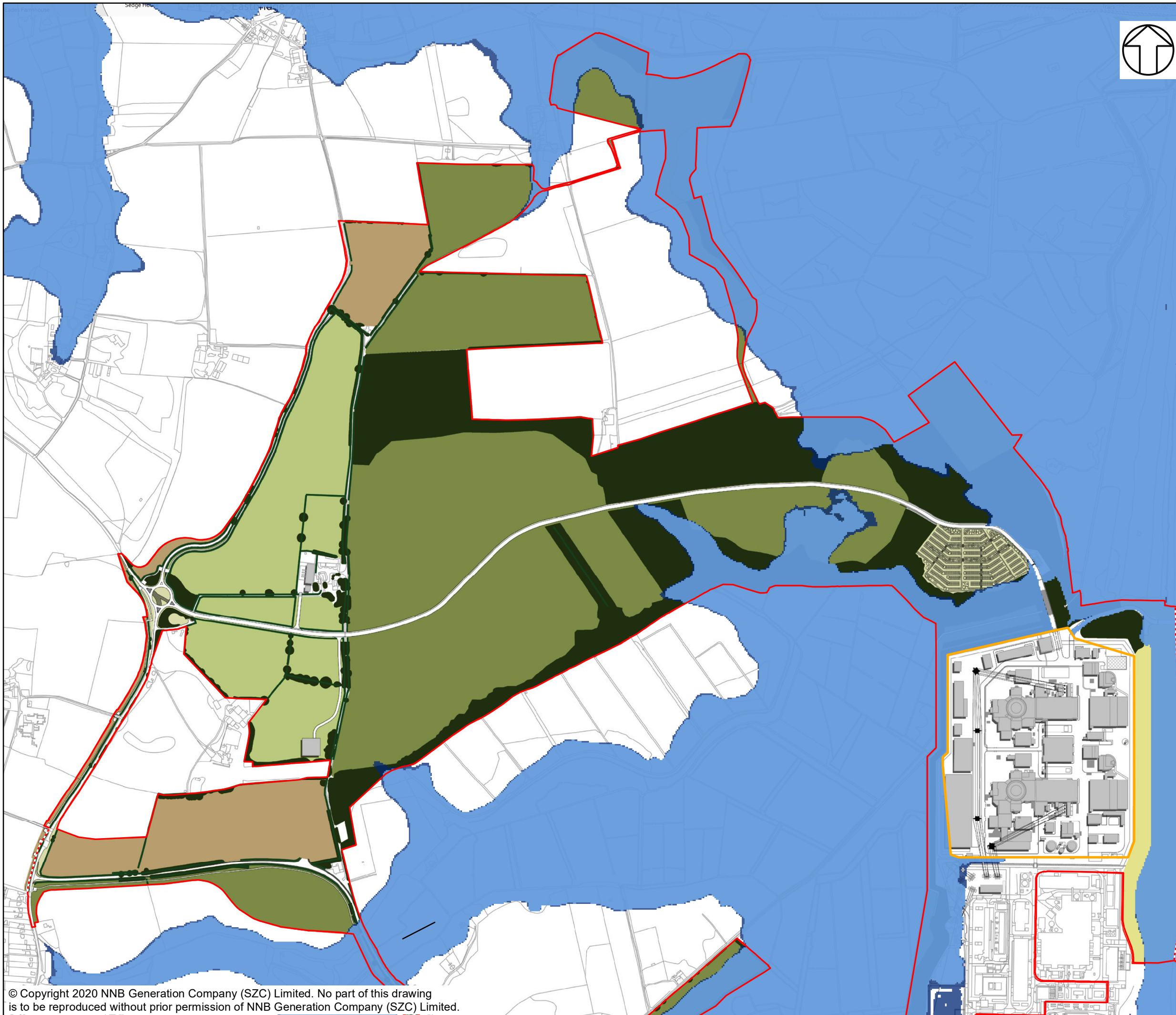
DOCUMENT:
SIZEWELL C
MAIN DEVELOPMENT SITE
FLOOD RISK ASSESSMENT

DRAWING TITLE:
TANK TRAPS BREACH MODEL RESULTS FOR 1
IN 200-YEAR AND 1,000-YEAR EVENT WITH
CLIMATE CHANGE UP TO 2190 FOR THE MAIN
PLATFORM

DRAWING NO:
FIGURE 48

DATE: JAN 2020 **DRAWN:** P.S. **SCALE:** 1:8,000 @A3





NOTES

KEY

- SIZEWELL C AND ASSOCIATED DEVELOPMENT SITE BOUNDARIES
- DEMARCATION LINE
- WITH SCHEME 200YR BREACH FLOOD EXTENT (2190)
- WITH SCHEME 1000YR BREACH FLOOD EXTENT (2190)
- MDS PLATFORM MODELLING BOUNDARY

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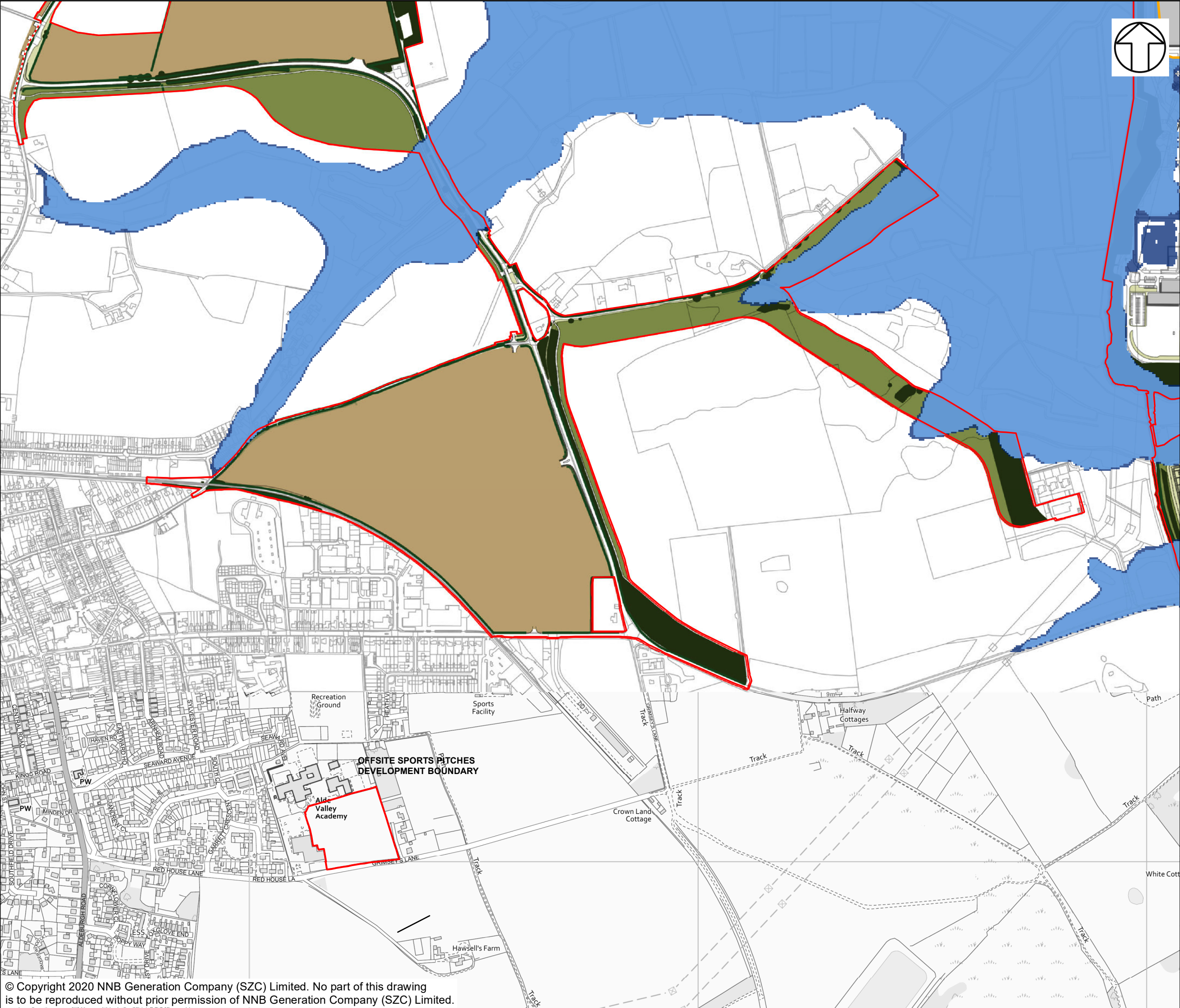
DOCUMENT:
SIZEWELL C
MAIN DEVELOPMENT SITE
FLOOD RISK ASSESSMENT

DRAWING TITLE:
TANK TRAPS BREACH MODEL RESULTS FOR 1
IN 200-YEAR AND 1,000-YEAR EVENT WITH
CLIMATE CHANGE UP TO 2190 FOR THE
TEMPORARY CONSTRUCTION AREA

DRAWING NO:
FIGURE 49

DATE: JAN 2020 **DRAWN:** P.S. **SCALE:** 1:10,000 @A3

SCALE BAR
0 100 200 300 400 500 M



- NOTES**
- KEY**
- SIZEWELL C AND ASSOCIATED DEVELOPMENT SITE BOUNDARIES
 - DEMARCATION LINE
 - WITH SCHEME 200YR BREACH FLOOD EXTENT (2190)
 - WITH SCHEME 1000YR BREACH FLOOD EXTENT (2190)
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DOCUMENT:
SIZEWELL C
MAIN DEVELOPMENT SITE
FLOOD RISK ASSESSMENT

DRAWING TITLE:
TANK TRAPS BREACH MODEL RESULTS FOR 1
IN 200-YEAR AND 1,000-YEAR EVENT WITH
CLIMATE CHANGE UP TO 2190 FOR THE LEEIE
AREA

DRAWING NO:
FIGURE 50

DATE: JAN 2020 **DRAWN:** P.S. **SCALE:** 1:8,000 @A3

