



The Sizewell C Project

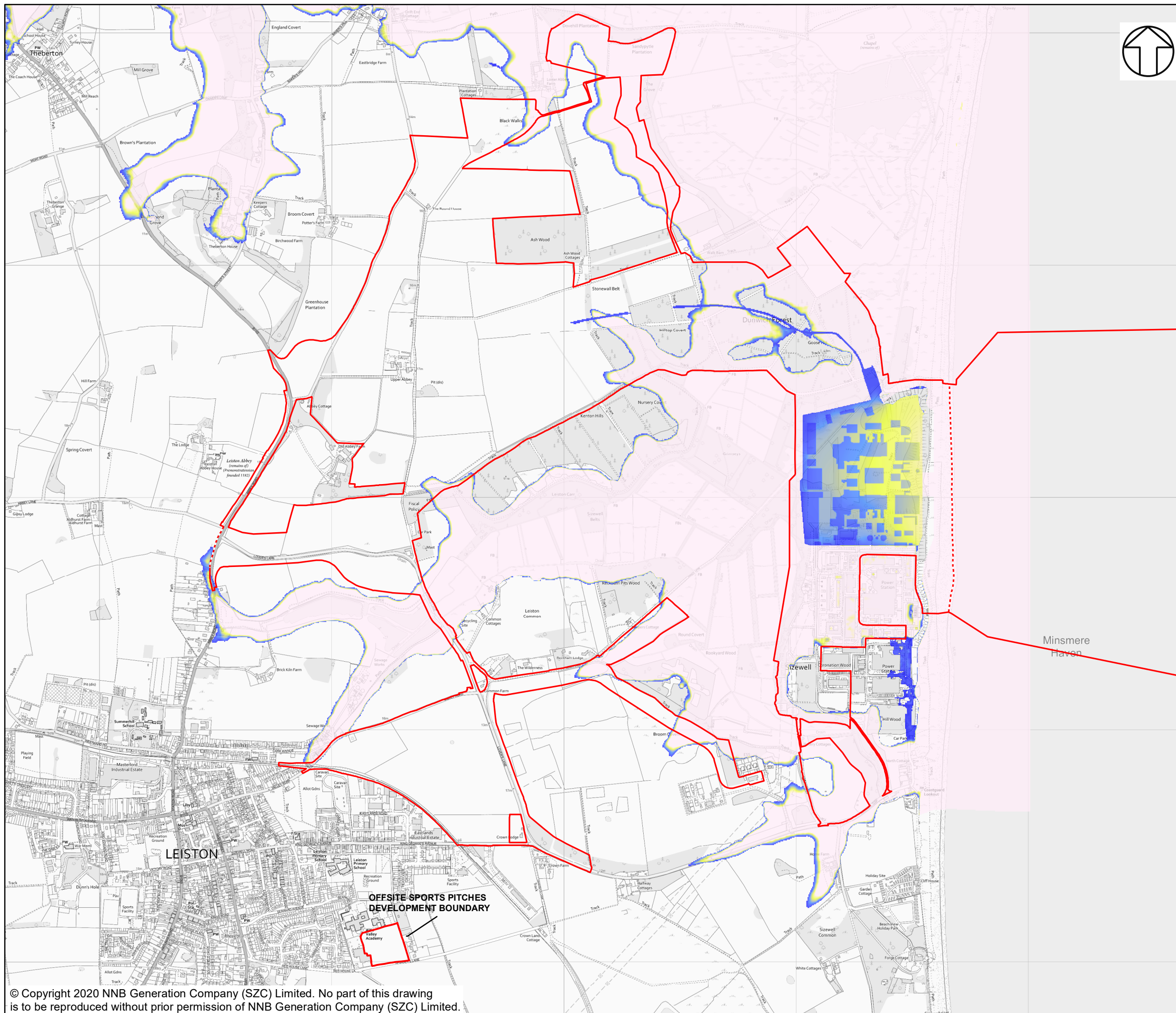
5.2 Main Development Site Flood Risk Assessment Figures 51- 60

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





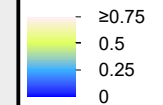
NOTES

KEY

- SIZEWELL C AND ASSOCIATED DEVELOPMENT SITE BOUNDARIES
- - - DEMARCATION LINE

WITH DEVELOPMENT 1000YR BREACH FLOOD EXTENT (2140)

DEPTH (M)



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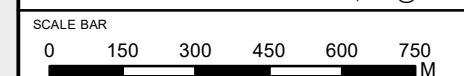


DOCUMENT:
 SIZEWELL C
 MAIN DEVELOPMENT SITE
 FLOOD RISK ASSESSMENT

DRAWING TITLE:
 BREACH OF HCDF (OPTION 1) MODEL RESULTS
 FOR 1 IN 1,000-YEAR EVENT WITH CLIMATE
 CHANGE UP TO 2140 (BECC UPPER)

DRAWING NO:
 FIGURE 51

DATE: JAN 2020 **DRAWN:** E.H. **SCALE:** 1:15,500 @A3





NOTES

KEY

- SIZEWELL C AND ASSOCIATED DEVELOPMENT SITE BOUNDARIES
- DEMARCATION LINE
- WITH SCHEME 1 IN 100YR +25%cc FLUVIAL FLOOD EXTENT
- WITH SCHEME 1 IN 1000YR +25%cc FLUVIAL FLOOD EXTENT

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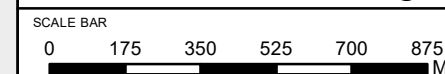


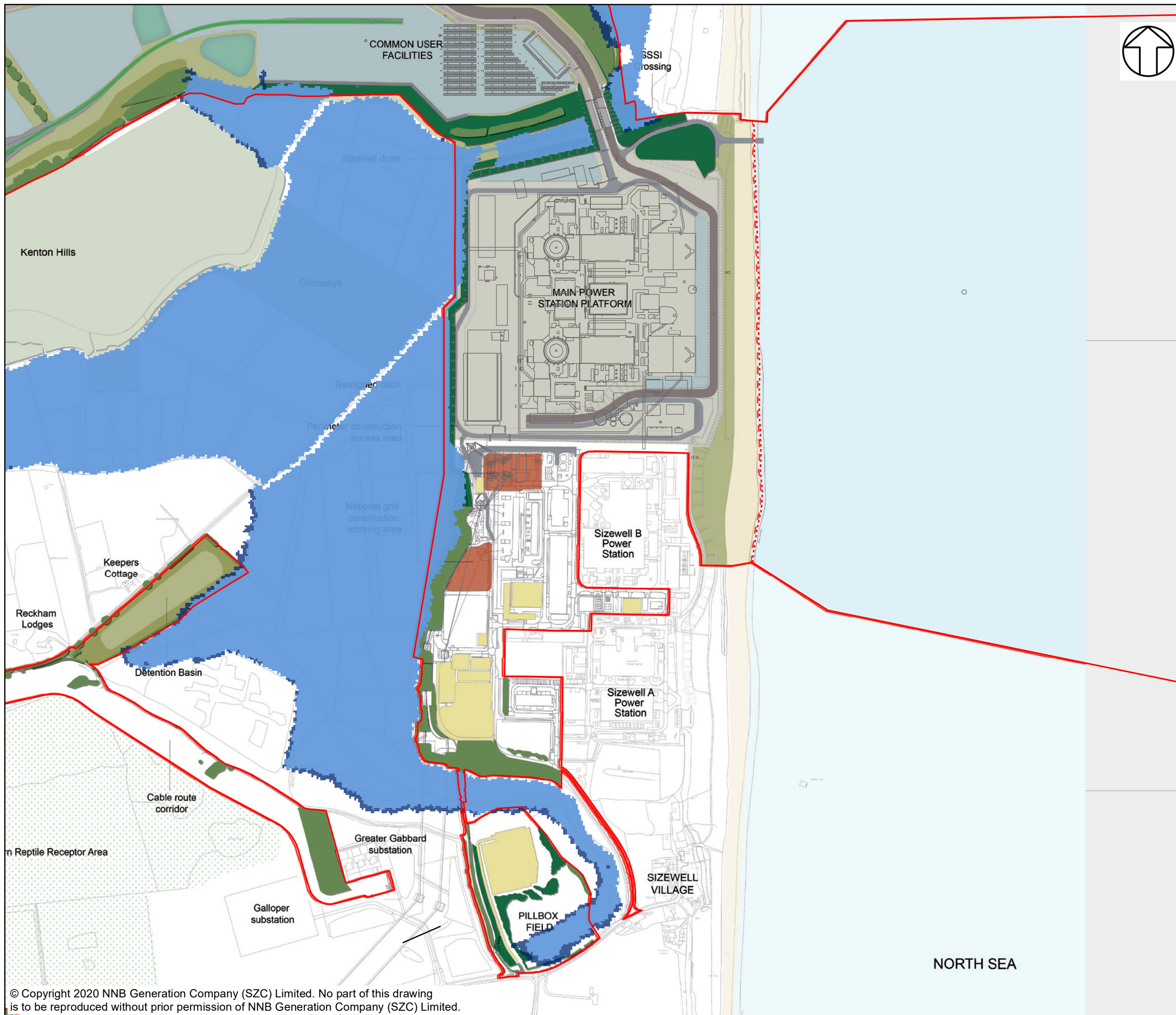
DOCUMENT:
 SIZEWELL C
 MAIN DEVELOPMENT SITE
 FLOOD RISK ASSESSMENT

DRAWING TITLE:
 MODELLED FLUVIAL FLOOD EXTENT FOR THE 1 IN 100-YEAR AND 1 IN 1,000-YEAR EVENT WITH 25% CLIMATE CHANGE (2030) FOR THE STUDY AREA

DRAWING NO:
 FIGURE 52

DATE: JAN 2020 **DRAWN:** E.H. **SCALE:** 1:17,500 @A3





- NOTES**
- KEY**
- SIZEWELL C AND ASSOCIATED DEVELOPMENT SITE BOUNDARIES
 - - - DEMARCATION LINE
 - WITH SCHEME 1 IN 100YR +25%cc FLUVIAL FLOOD EXTENT
 - WITH SCHEME 1 IN 1000YR +25%cc FLUVIAL FLOOD EXTENT

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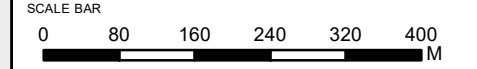


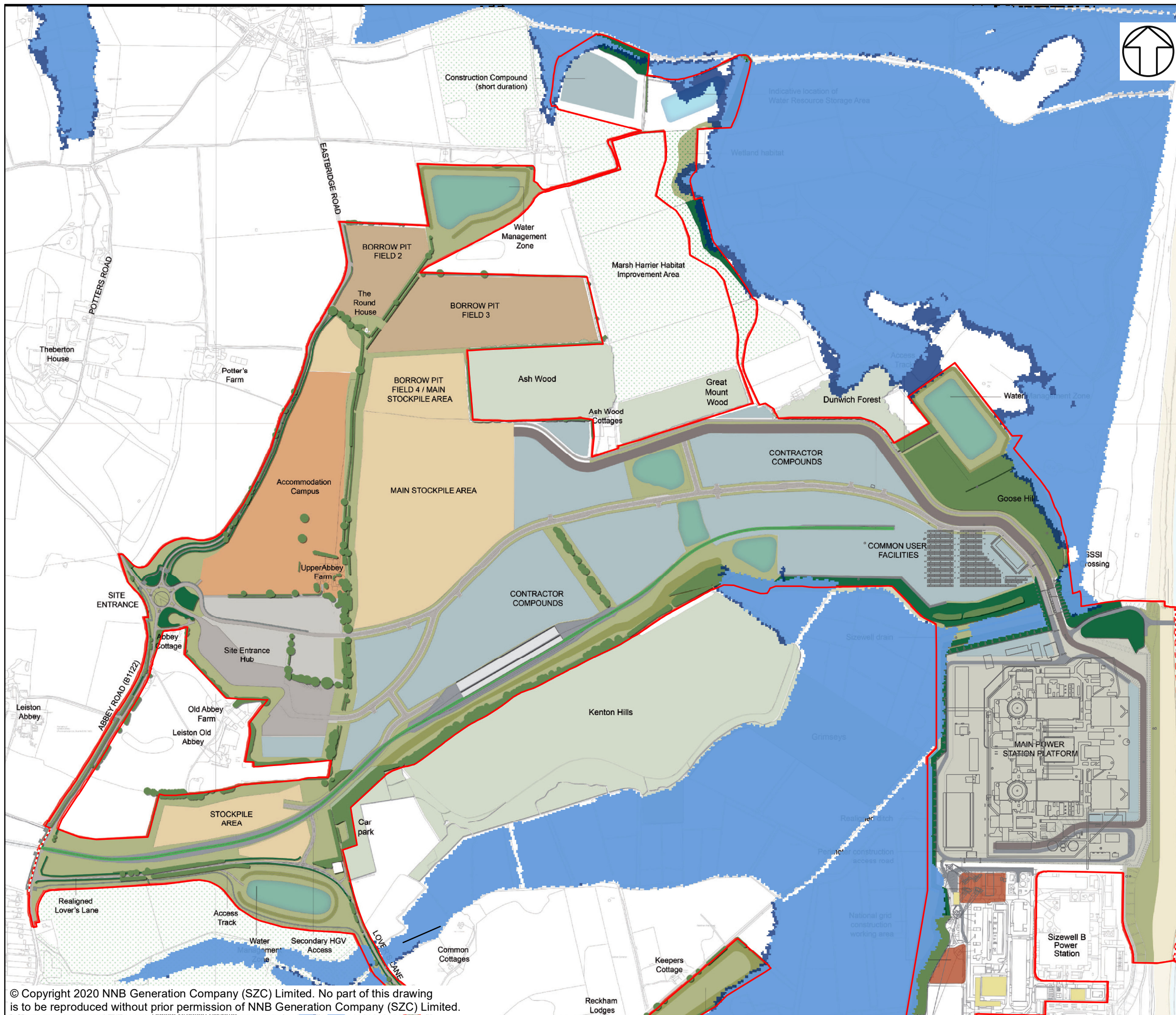
DOCUMENT:
 SIZEWELL C
 MAIN DEVELOPMENT SITE
 FLOOD RISK ASSESSMENT

DRAWING TITLE:
 MODELLED FLUVIAL FLOOD EXTENT FOR THE
 1 IN 100-YEAR AND 1 IN 1,000-YEAR EVENT
 WITH 25% CLIMATE CHANGE (2030) FOR THE
 MAIN PLATFORM AREA

DRAWING NO:
 FIGURE 53

DATE: JAN 2020 **DRAWN:** E.H. **SCALE:** 1:8,000 @A3





NOTES

KEY

- SIZEWELL C AND ASSOCIATED DEVELOPMENT SITE BOUNDARIES
- - - DEMARCATION LINE
- WITH SCHEME 1 IN 100YR +25%cc FLUVIAL FLOOD EXTENT
- WITH SCHEME 1 IN 1000YR +25%cc FLUVIAL FLOOD EXTENT

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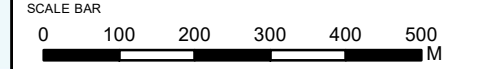


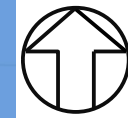
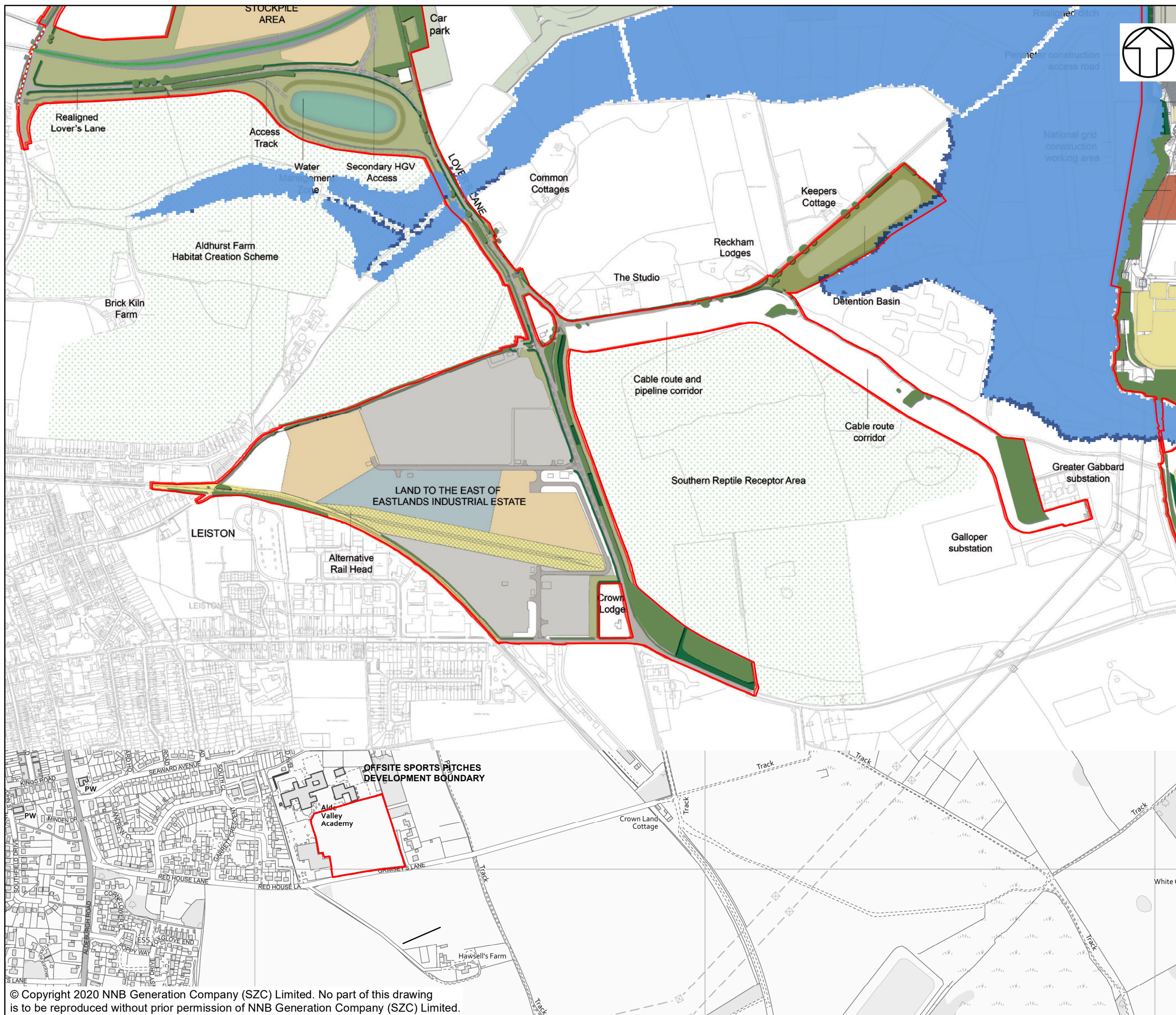
DOCUMENT:
 SIZEWELL C
 MAIN DEVELOPMENT SITE
 FLOOD RISK ASSESSMENT

DRAWING TITLE:
 MODELLED FLUVIAL FLOOD EXTENT FOR THE 1 IN 100-YEAR AND 1 IN 1,000-YEAR EVENT WITH 25% CLIMATE CHANGE (2030) FOR THE TEMPORARY CONSTRUCTION AREA

DRAWING NO:
 FIGURE 54

DATE: JAN 2020 **DRAWN:** E.H. **SCALE:** 1:10,000 @A3





NOTES

KEY

- SIZEWELL C AND ASSOCIATED DEVELOPMENT SITE BOUNDARIES
- - - DEMARCATION LINE
- WITH SCHEME 1 IN 100YR +25%cc FLUVIAL FLOOD EXTENT
- WITH SCHEME 1 IN 1000YR +25%cc FLUVIAL FLOOD EXTENT

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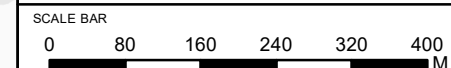


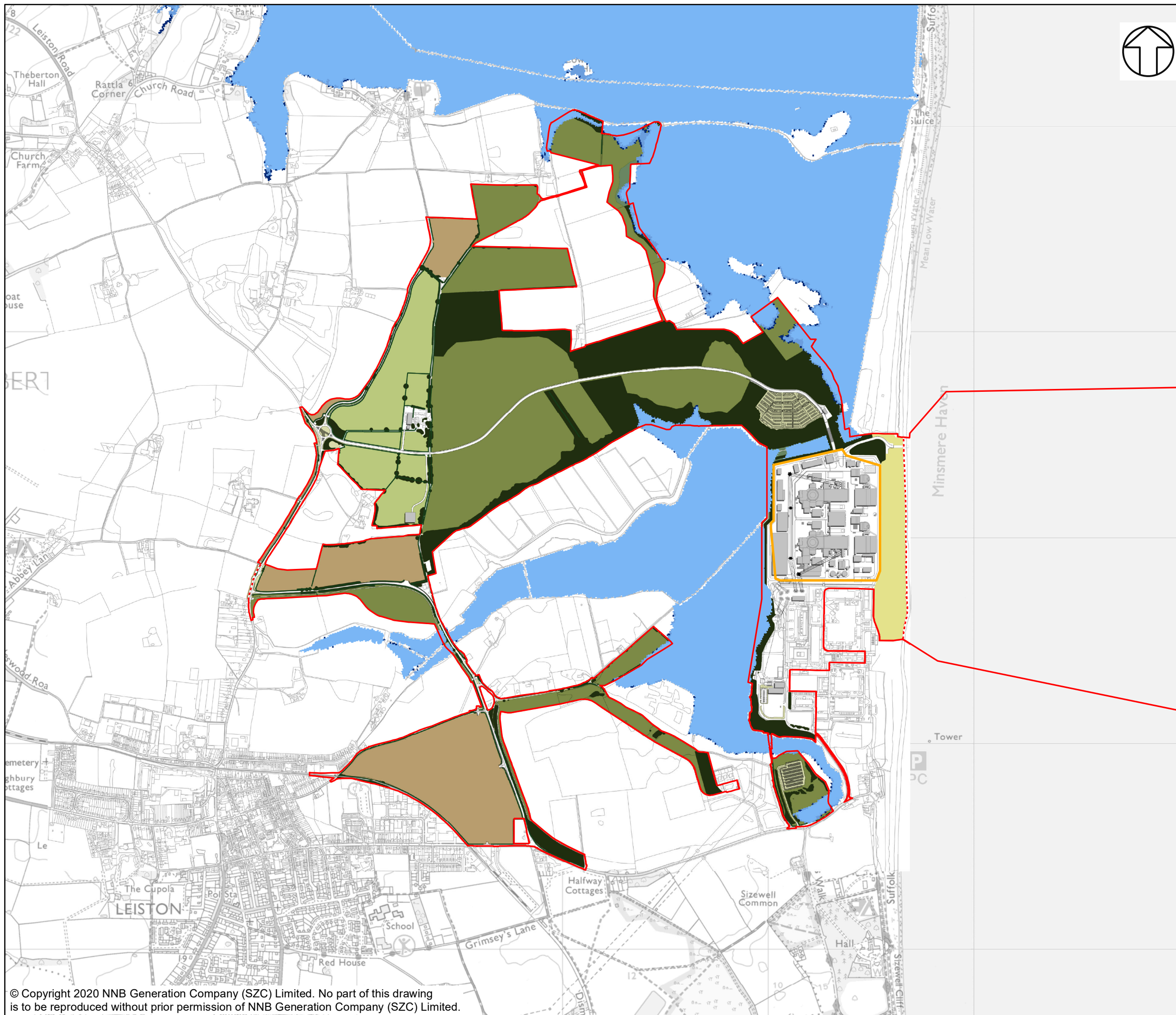
DOCUMENT:
 SIZEWELL C
 MAIN DEVELOPMENT SITE
 FLOOD RISK ASSESSMENT

DRAWING TITLE:
 MODELLED FLUVIAL FLOOD EXTENT FOR THE
 1 IN 100-YEAR AND 1 IN 1,000-YEAR EVENT
 WITH 25% CLIMATE CHANGE (2030) FOR THE
 LEEIE AREA

DRAWING NO:
 FIGURE 55

DATE: JAN 2020 **DRAWN:** E.H. **SCALE:** 1:8,000 @A3





NOTES

KEY

- SIZEWELL C AND ASSOCIATED DEVELOPMENT SITE BOUNDARIES
- DEMARCATION LINE
- WITH SCHEME 1 IN 100YR +35%cc FLUVIAL FLOOD EXTENT
- WITH SCHEME 1 IN 100YR +65%cc FLUVIAL FLOOD EXTENT
- WITH SCHEME 1 IN 100YR +80%cc FLUVIAL FLOOD EXTENT
- MDS PLATFORM MODELLING BOUNDARY

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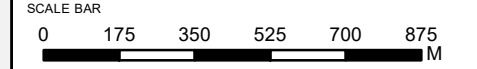


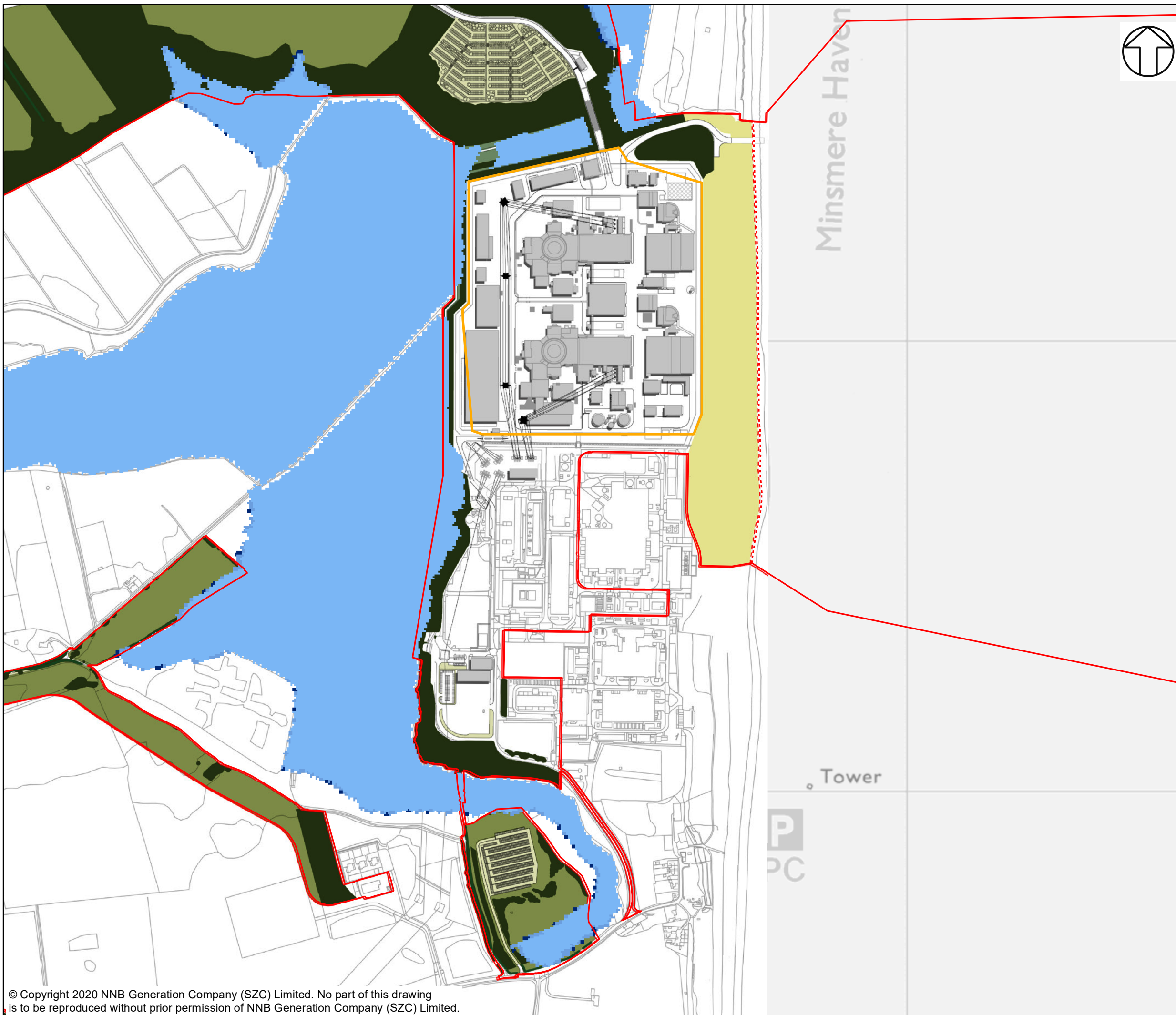
DOCUMENT:
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 MAIN DEVELOPMENT SITE
 FLOOD RISK ASSESSMENT

DRAWING TITLE:
 MODELLED FLUVIAL FLOOD EXTENTS FOR THE
 1 IN 100-YEAR EVENT WITH 35%, 65% AND 80%
 CLIMATE CHANGE ALLOWANCE FOR THE
 STUDY AREA

DRAWING NO:
 FIGURE 56

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





NOTES

KEY

- SIZEWELL C AND ASSOCIATED DEVELOPMENT SITE BOUNDARIES
- - - DEMARCATION LINE
- WITH SCHEME 1 IN 100YR +35%cc FLUVIAL FLOOD EXTENT
- WITH SCHEME 1 IN 100YR +65%cc FLUVIAL FLOOD EXTENT
- WITH SCHEME 1 IN 100YR +80%cc FLUVIAL FLOOD EXTENT
- MDS PLATFORM MODELLING BOUNDARY

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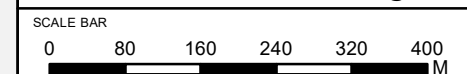


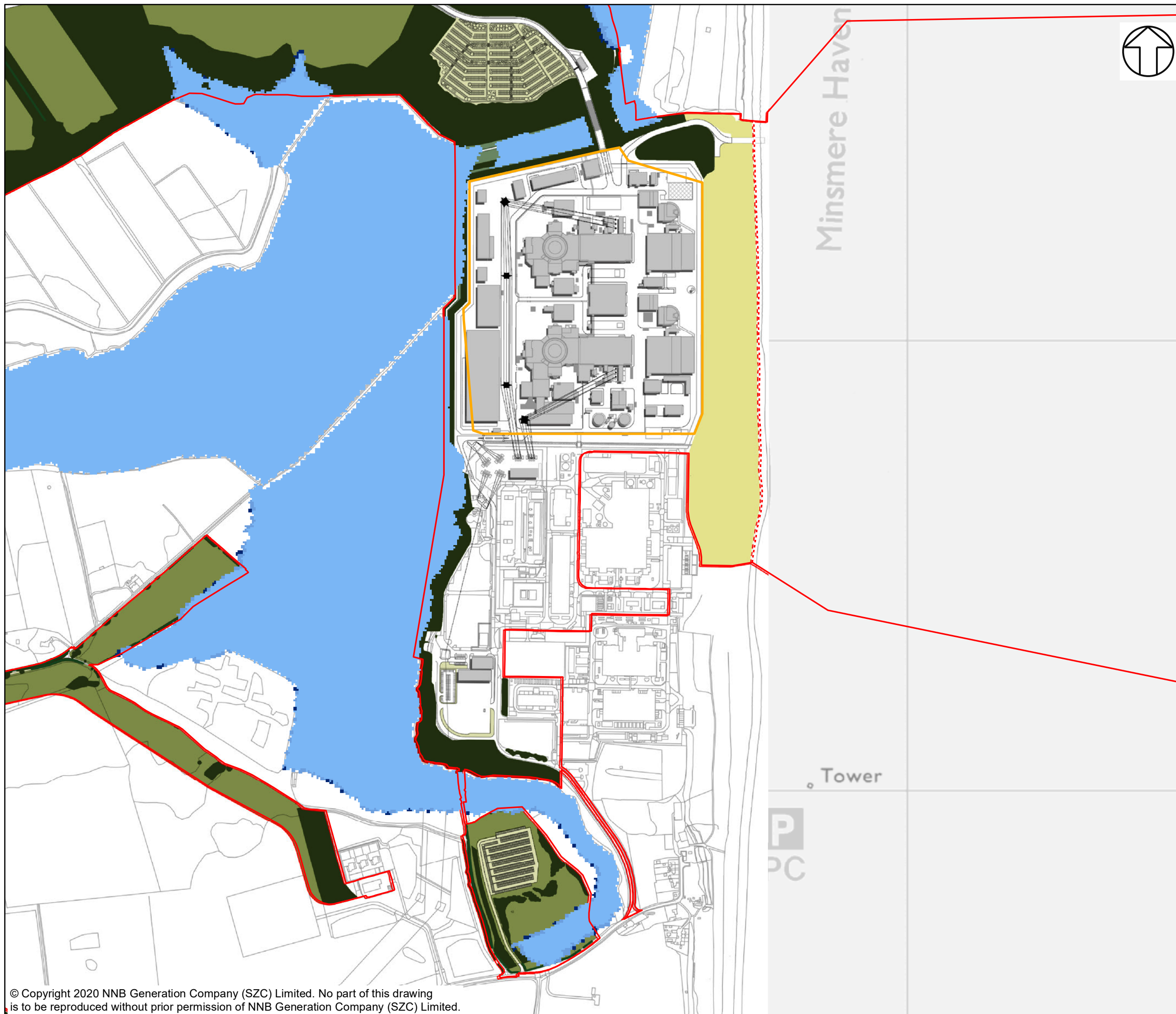
DOCUMENT:
 SIZEWELL C
 MAIN DEVELOPMENT SITE
 FLOOD RISK ASSESSMENT

DRAWING TITLE:
 MODELLED FLUVIAL FLOOD EXTENTS FOR THE 1 IN 100-YEAR EVENT WITH 35%, 65% AND 80% CLIMATE CHANGE ALLOWANCE FOR THE MAIN PLATFORM AREA

DRAWING NO:
 FIGURE 57

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

KEY

- SIZEWELL C AND ASSOCIATED DEVELOPMENT SITE BOUNDARIES
- - - DEMARCATION LINE
- WITH SCHEME 1 IN 100YR +35%cc FLUVIAL FLOOD EXTENT
- WITH SCHEME 1 IN 100YR +65%cc FLUVIAL FLOOD EXTENT
- WITH SCHEME 1 IN 1000YR +80%cc FLUVIAL FLOOD EXTENT
- MDS PLATFORM MODELLING BOUNDARY

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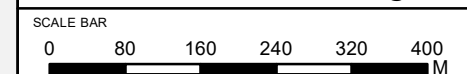


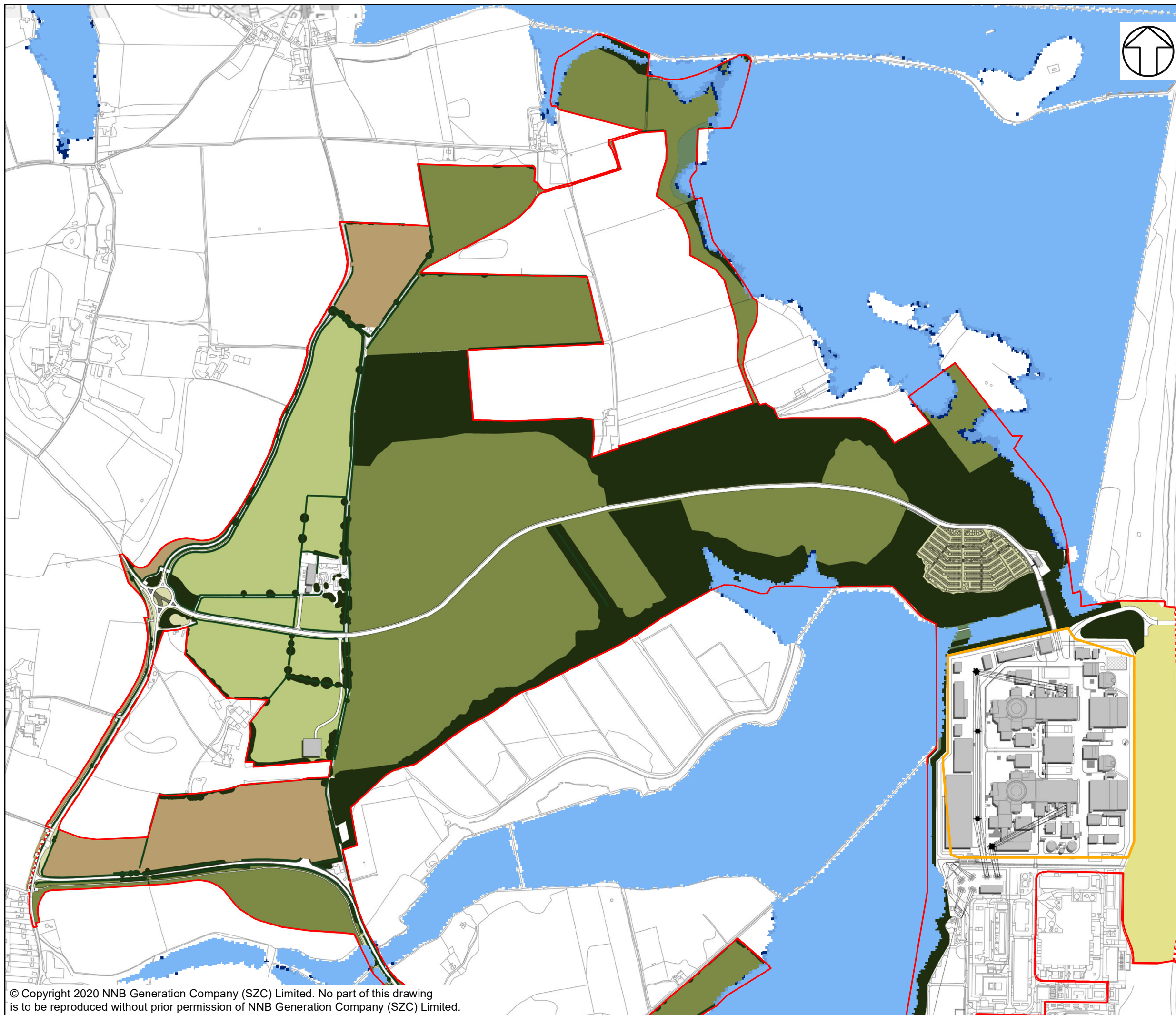
DOCUMENT:
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 MAIN DEVELOPMENT SITE
 FLOOD RISK ASSESSMENT

DRAWING TITLE:
 MODELLED FLUVIAL FLOOD EXTENTS FOR THE 1 IN 100-YEAR EVENT WITH 35%, 65% AND 80% CLIMATE CHANGE ALLOWANCE FOR THE MAIN PLATFORM AREA

DRAWING NO:
 FIGURE 57

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

KEY

- SIZEWELL C AND ASSOCIATED DEVELOPMENT SITE BOUNDARIES
- - - DEMARCATION LINE
- WITH SCHEME 1 IN 100YR +35%cc FLUVIAL FLOOD EXTENT
- WITH SCHEME 1 IN 100YR +65%cc FLUVIAL FLOOD EXTENT
- WITH SCHEME 1 IN 100YR +80%cc FLUVIAL FLOOD EXTENT
- MDS PLATFORM MODELLING BOUNDARY

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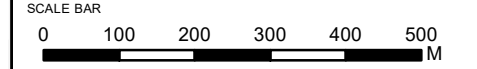


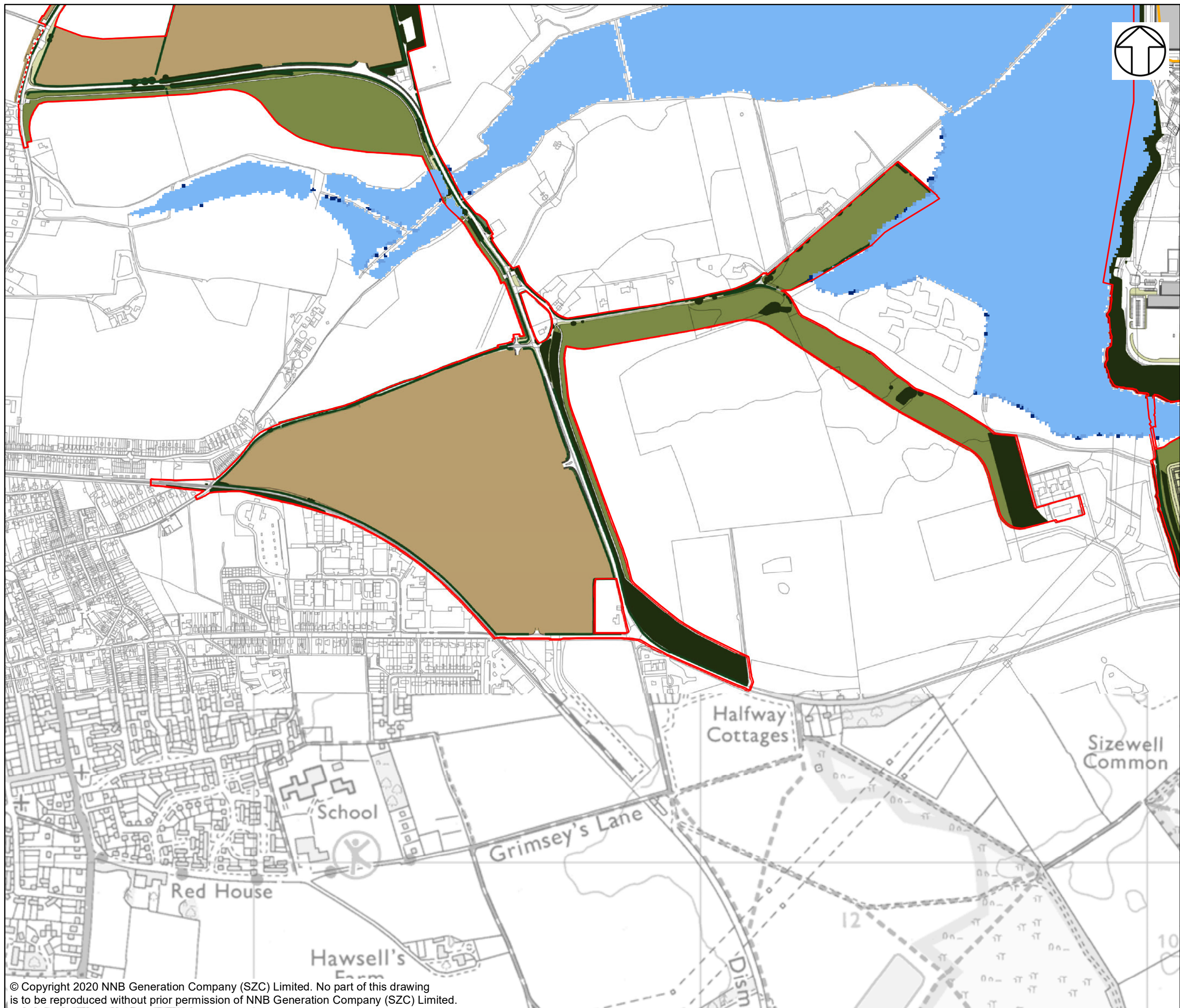
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 FLOOD RISK ASSESSMENT

DRAWING TITLE:
 MODELLED FLUVIAL FLOOD EXTENTS FOR THE
 1 IN 100-YEAR EVENT WITH 35%, 65% AND 80%
 CLIMATE CHANGE ALLOWANCE FOR THE
 TEMPORARY CONSTRUCTION AREA

DRAWING NO:
 FIGURE 58

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





NOTES

KEY

- SIZEWELL C AND ASSOCIATED DEVELOPMENT SITE BOUNDARIES
- - - DEMARCATION LINE
- WITH SCHEME 1 IN 100YR +35%cc FLUVIAL FLOOD EXTENT
- WITH SCHEME 1 IN 100YR +65%cc FLUVIAL FLOOD EXTENT
- WITH SCHEME 1 IN 100YR +80%cc FLUVIAL FLOOD EXTENT
- MDS PLATFORM MODELLING BOUNDARY

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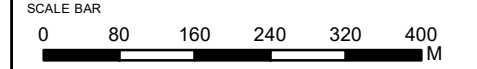


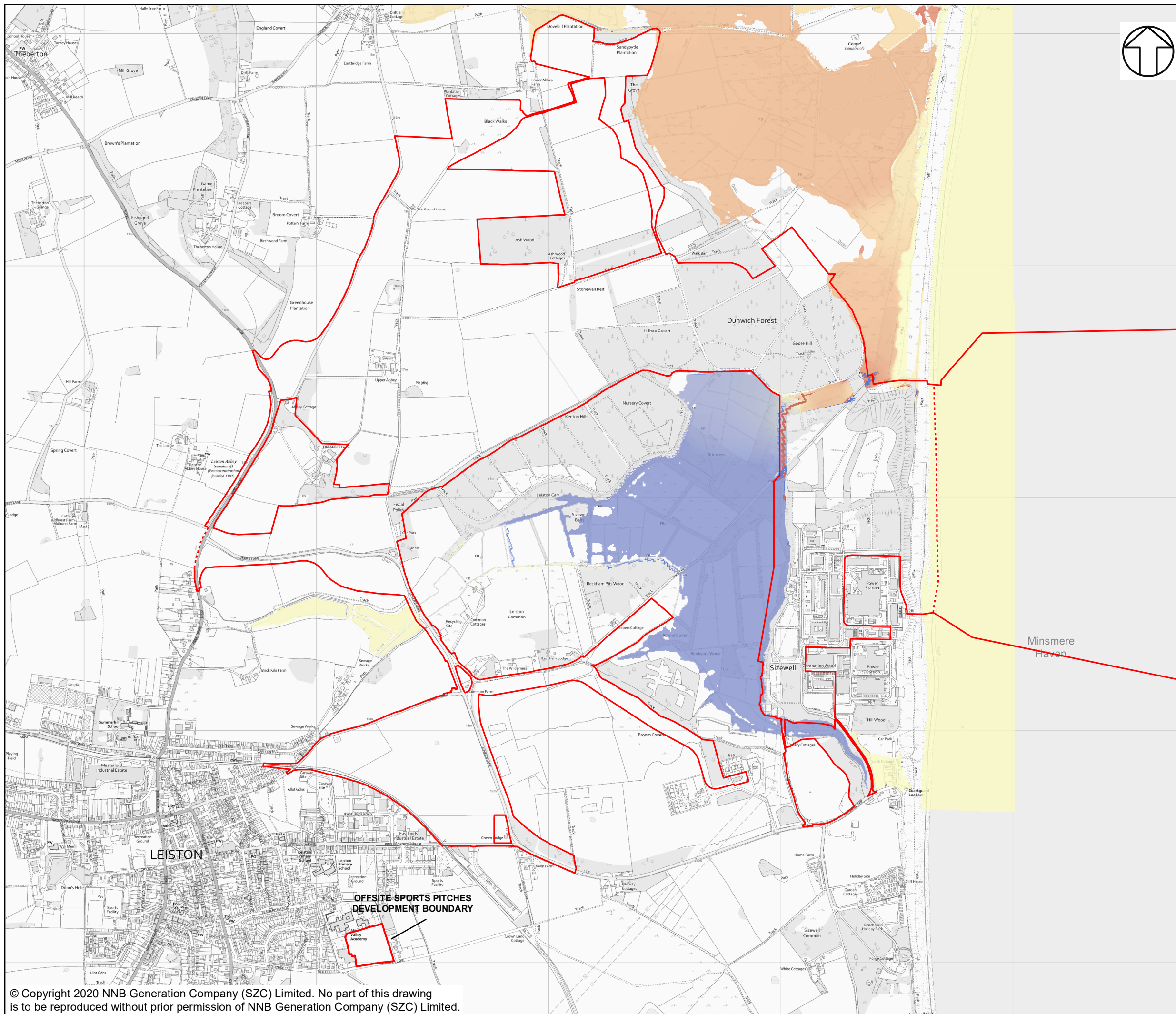
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 FLOOD RISK ASSESSMENT

DRAWING TITLE:
 MODELLED FLUVIAL FLOOD EXTENTS FOR THE
 1 IN 100-YEAR EVENT WITH 35%, 65% AND 80%
 CLIMATE CHANGE ALLOWANCE FOR THE LEEIE
 AREA

DRAWING NO.:
 FIGURE 59

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





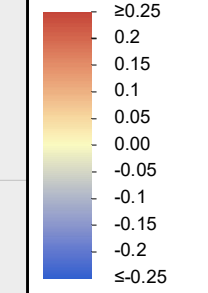
NOTES

KEY

- SIZEWELL C AND ASSOCIATED DEVELOPMENT SITE BOUNDARIES
- - - DEMARCATION LINE

DIFFERENCE IN COASTAL INUNDATION 1000YR 2030

DIFFERENCE (M)



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DOCUMENT:
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 FLOOD RISK ASSESSMENT

DRAWING TITLE:
 DIFFERENCE IN COASTAL INUNDATION
 MODELLED EXTENT FOR THE 1 IN 1,000-YEAR
 EVENT (2030)

DRAWING NO:
 FIGURE 60

DATE: JAN 2020 DRAWN: E.H. SCALE: 1:15,500 @A3

