



The Sizewell C Project

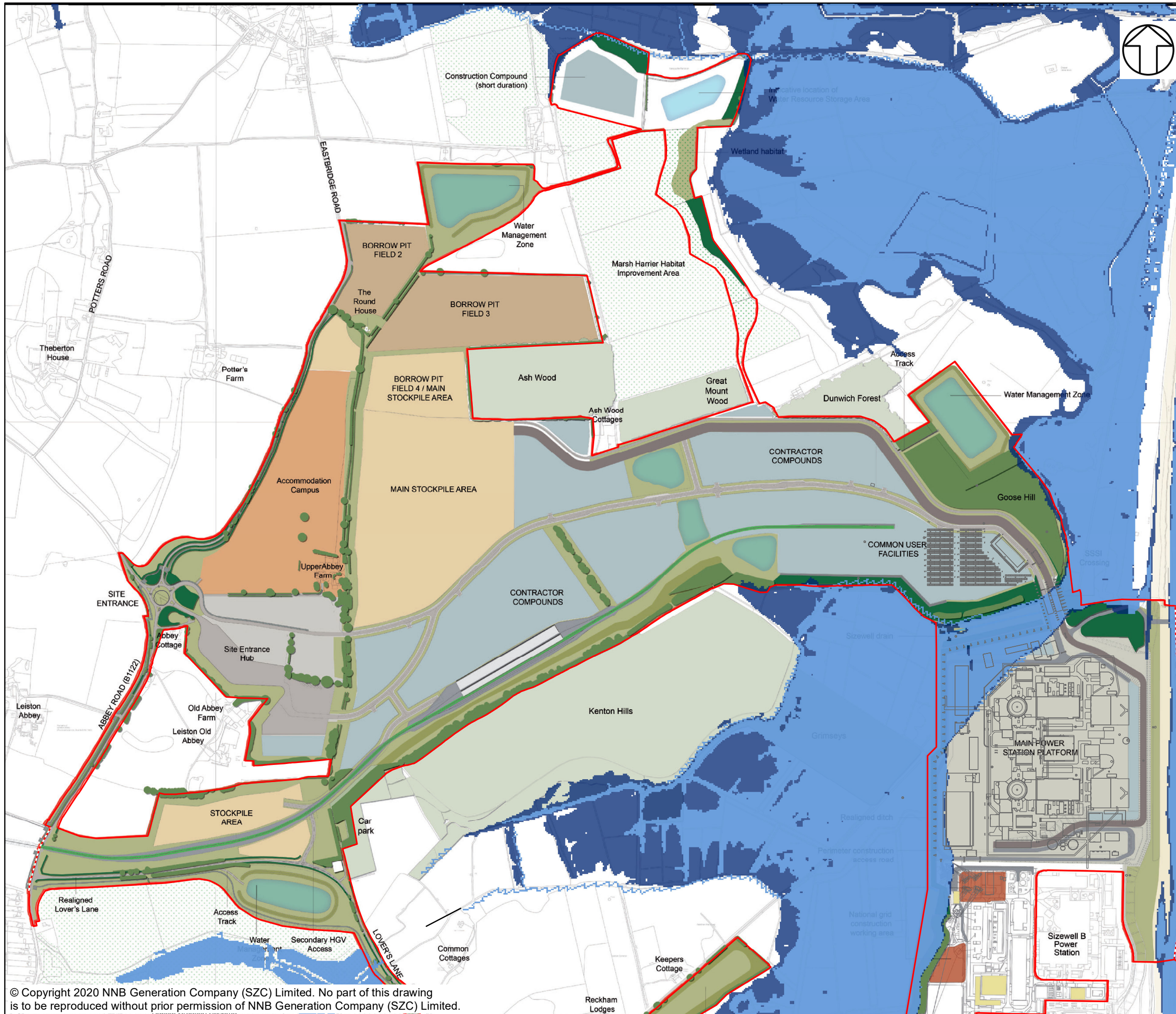
5.2 Main Development Site Flood Risk Assessment Figures 21- 30

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
- BASELINE 200YR COASTAL INUNDATION FLOOD EXTENT (2030)
- BASELINE 1000YR COASTAL INUNDATION FLOOD EXTENT (2030)

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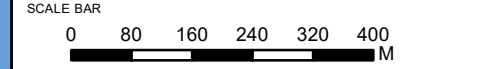


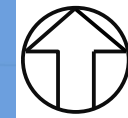
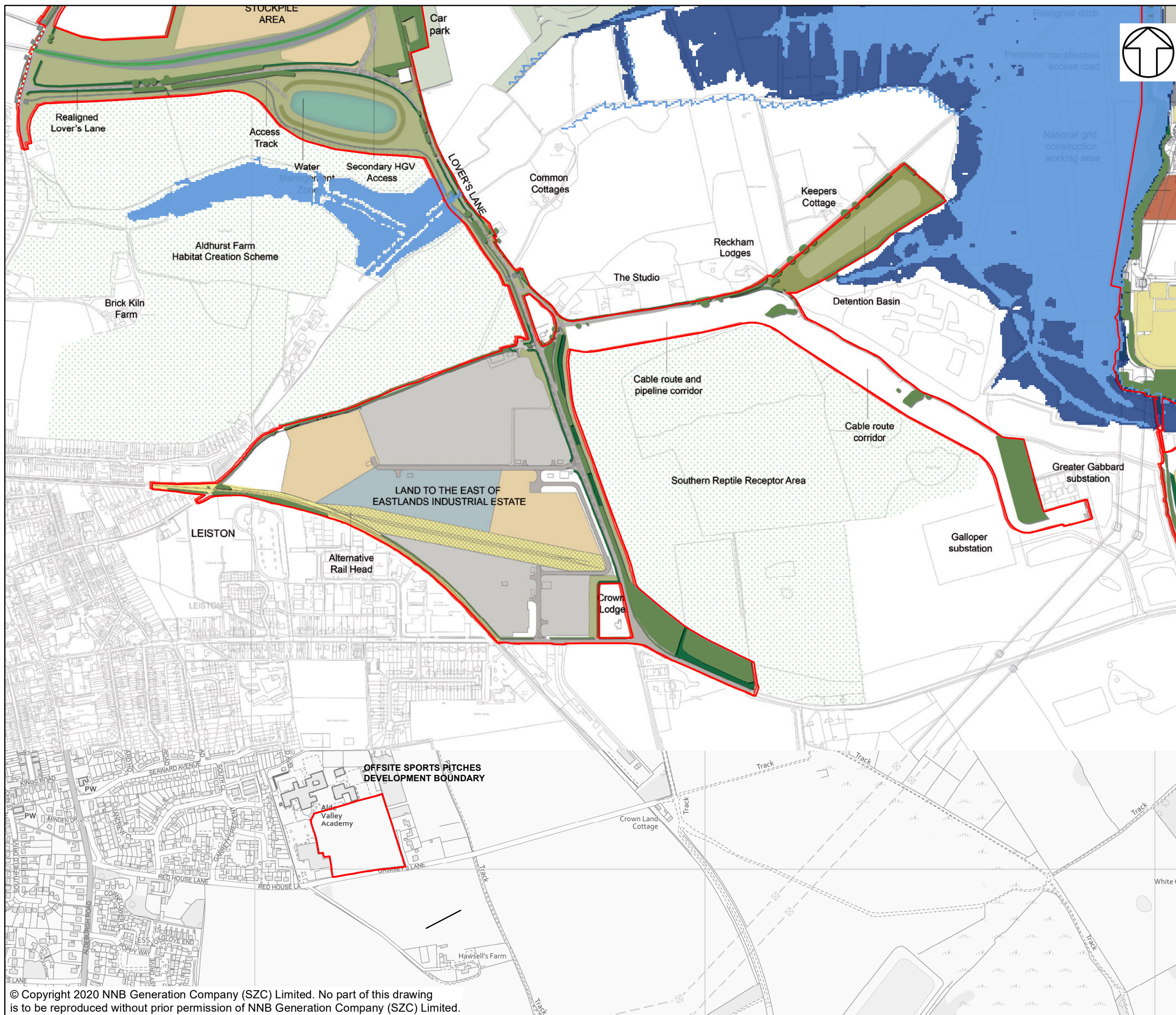
DOCUMENT:
 SIZEWELL C
 MAIN DEVELOPMENT SITE
 FLOOD RISK ASSESSMENT

DRAWING TITLE:
 BASELINE COASTAL INUNDATION MODEL
 EXTENTS FOR 2030 FOR THE TEMPORARY
 CONSTRUCTION AREA

DRAWING NO:
 FIGURE 21

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





NOTES

KEY

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

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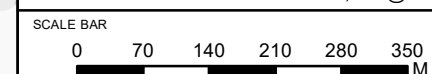


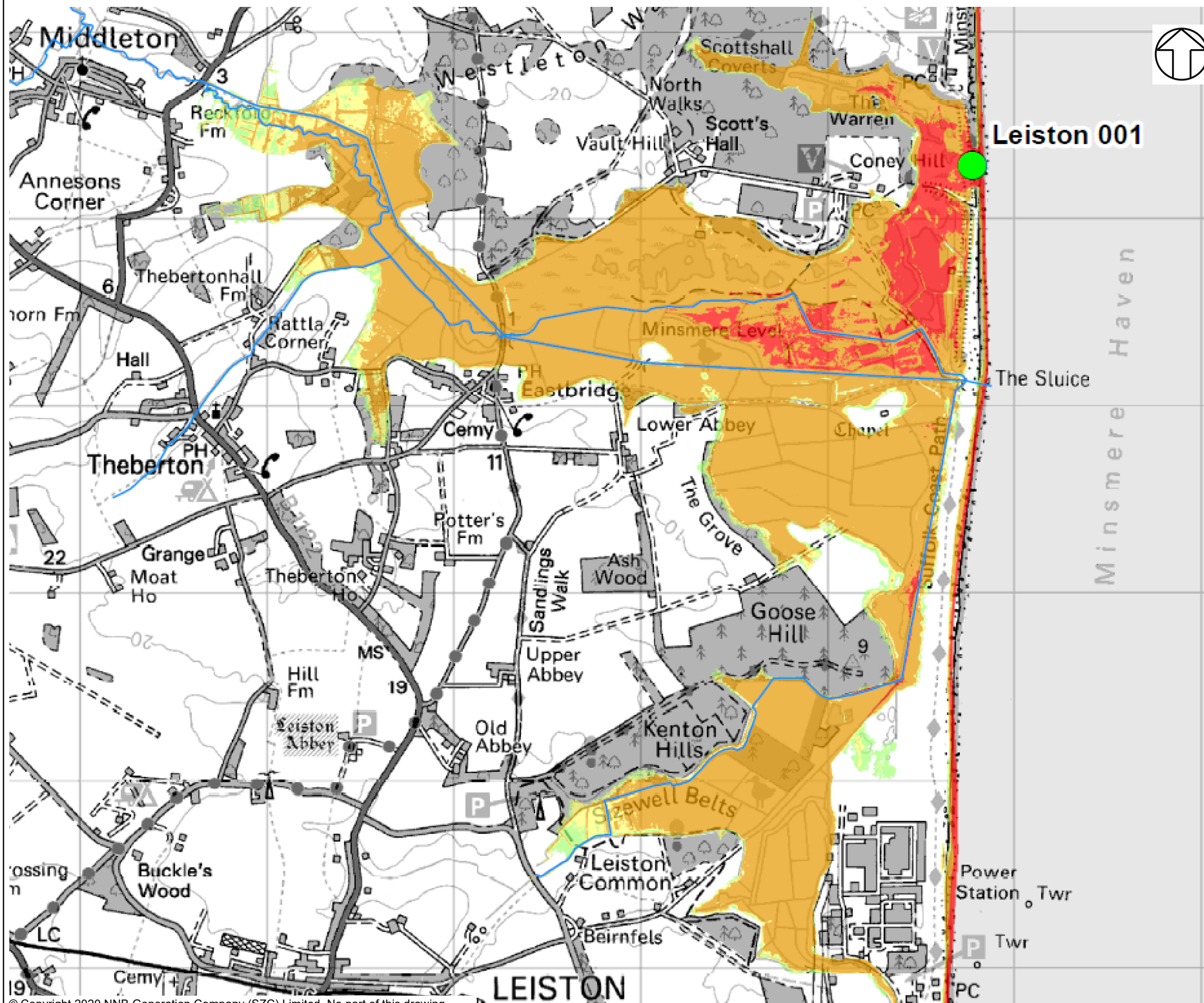
DOCUMENT:
 SIZEWELL C
 MAIN DEVELOPMENT SITE
 FLOOD RISK ASSESSMENT

DRAWING TITLE:
 BASELINE COASTAL INUNDATION MODEL
 EXTENTS FOR 2030 FOR THE LEEIE AREA

DRAWING NO.:
 FIGURE 22

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





NOTES

FIGURE EXTRACTED FROM ENVIRONMENT AGENCY DATA REQUEST REF - EAN/2019/128739

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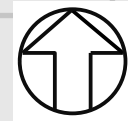
Main Rivers

Breach_Location



Max Hazard - 200 Year Present Day

- Less than 0.75 (Low Hazard)
- Between 0.75 and 1.25 (Danger for Some)
- Between 1.25 and 2.00 (Danger for Most)
- Greater than 2.00 (Danger for All)



Leiston 001

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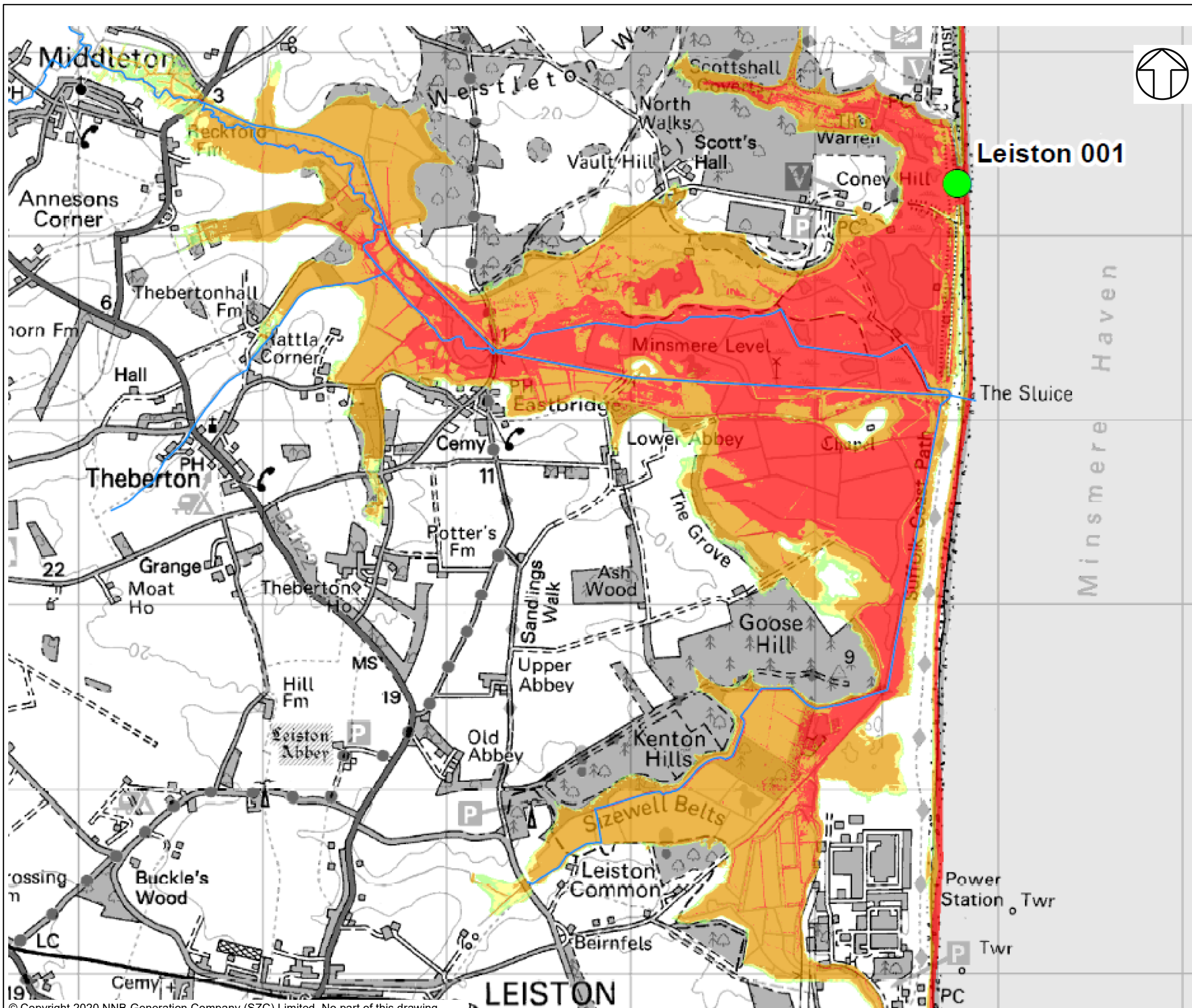
DOCUMENT:
SIZEWELL C
MAIN DEVELOPMENT SITE
FLOOD RISK ASSESSMENT

DRAWING TITLE:
ENVIRONMENT AGENCY BREACH HAZARD
MAPPING FOR 1 IN 200-YEAR EVENT

DRAWING NO:
FIGURE 23

DATE: JAN 2020 DRAWN: P.S. SCALE:

SCALE BAR



NOTES

FIGURE EXTRACTED FROM ENVIRONMENT AGENCY DATA REQUEST REF - EAN/2019/128739

KEY

Main Rivers

Breach_Location



Max Hazard - 1000 Year Present Day

- Less than 0.75 (Low Hazard)
- Between 0.75 and 1.25 (Danger for Some)
- Between 1.25 and 2.00 (Danger for Most)
- Greater than 2.00 (Danger for All)



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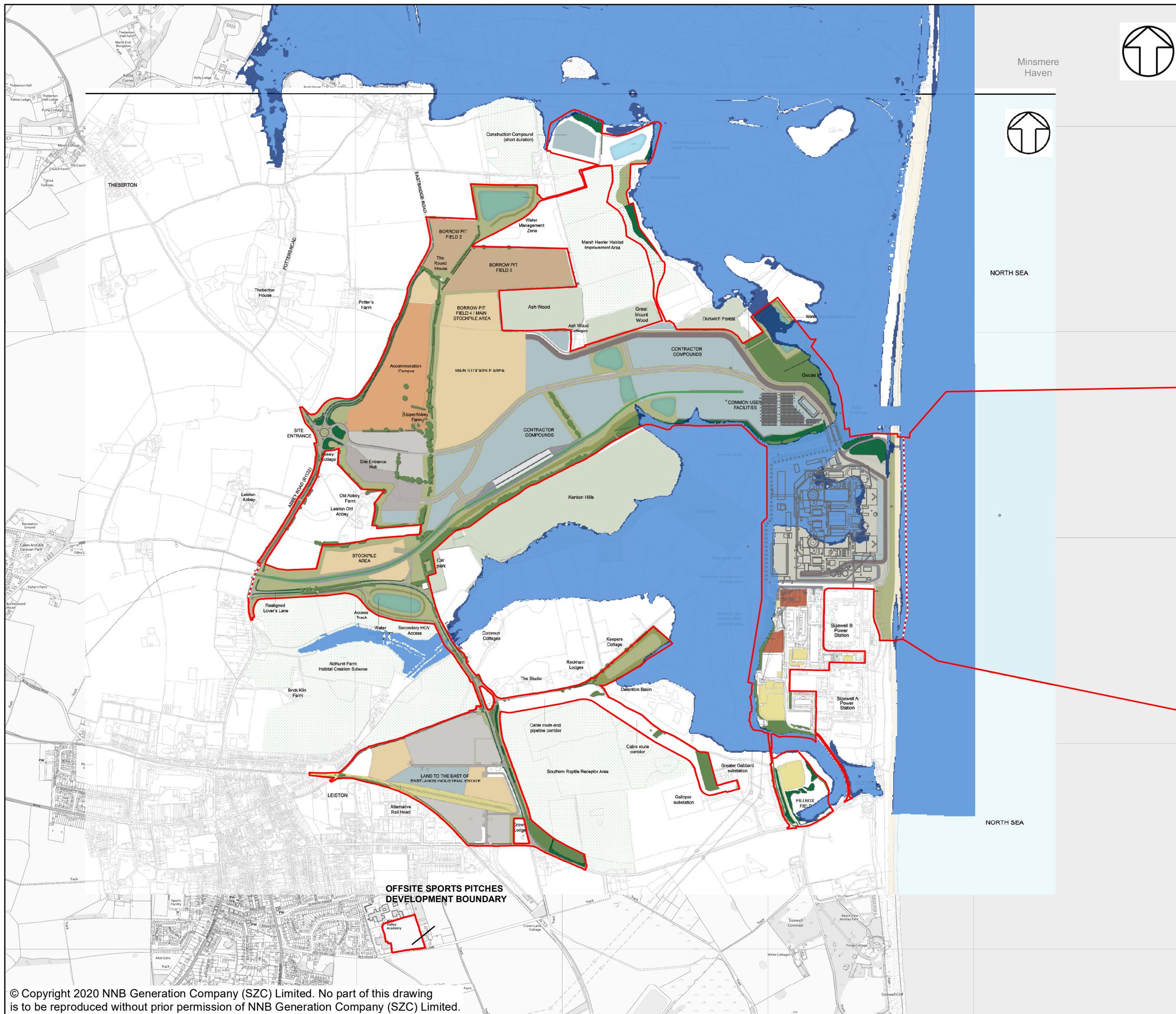
DOCUMENT:
 SIZEWELL C
 MAIN DEVELOPMENT SITE
 FLOOD RISK ASSESSMENT

DRAWING TITLE:
 ENVIRONMENT AGENCY BREACH HAZARD
 MAPPING FOR 1 IN 1000-YEAR EVENT

DRAWING NO:
 FIGURE 24

DATE: JAN 2020 **DRAWN:** P.S. **SCALE:**

SCALE BAR



Minsmere Haven



NORTH SEA

NORTH SEA

NOTES

KEY

- SIZEWELL C AND ASSOCIATED DEVELOPMENT SITE BOUNDARIES
- - - DEMARCATION LINE
- BASELINE 200YR BREACH FLOOD EXTENT (2030)
- BASELINE 1000YR BREACH FLOOD EXTENT (2030)

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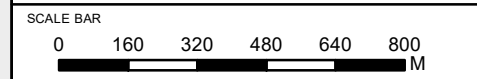


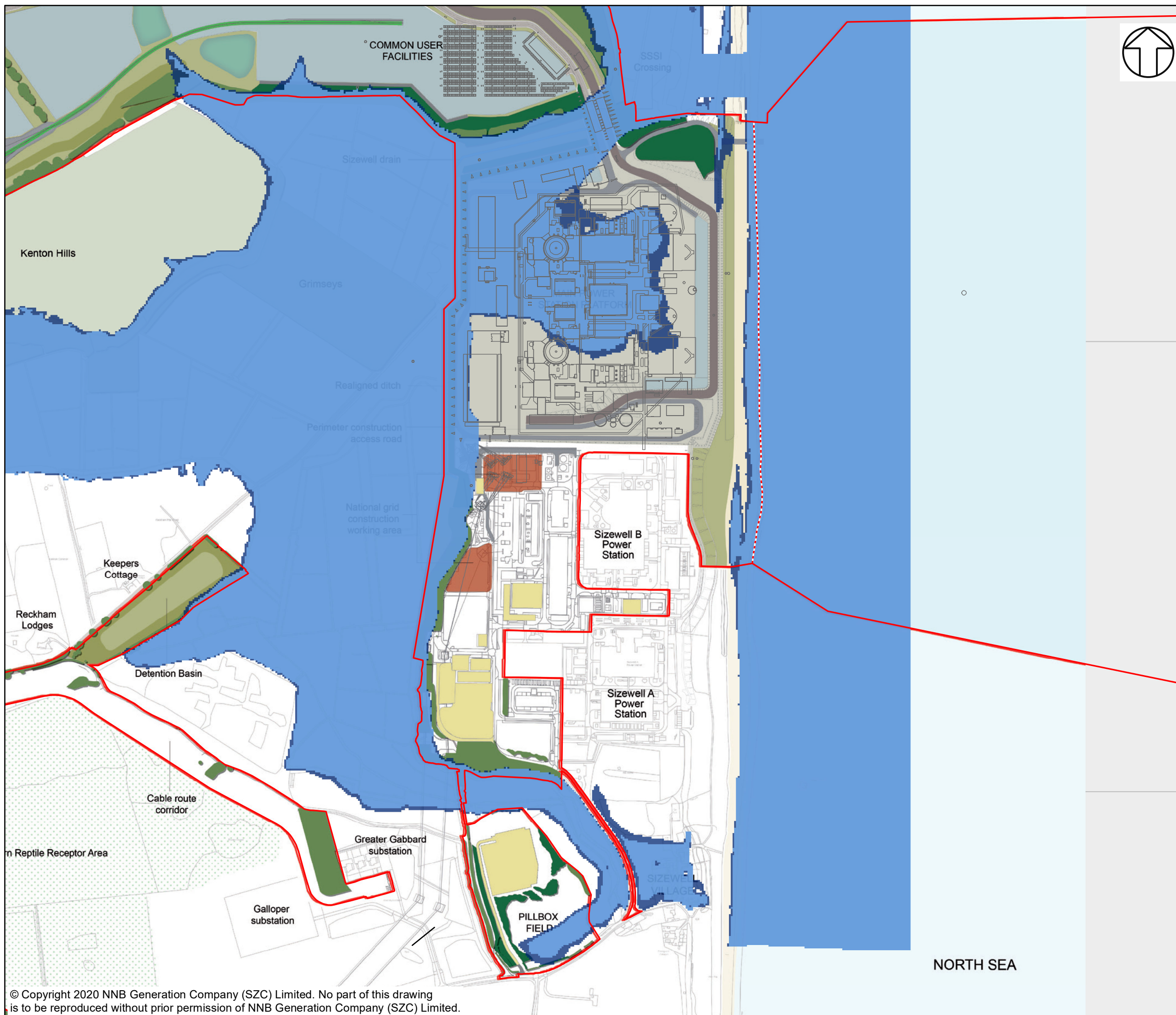
DOCUMENT:
 SIZEWELL C
 MAIN DEVELOPMENT SITE
 FLOOD RISK ASSESSMENT

DRAWING TITLE:
 BASELINE BREACH FLOOD EXTENTS FOR 1 IN 200 YEAR AND 1 IN 1,000-YEAR EVENTS FOR 2030 – SIZEWELL C BREACH MODEL, 2019 FOR THE STUDY AREA

DRAWING NO:
 FIGURE 25

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





NOTES

KEY

- SIZEWELL C AND ASSOCIATED DEVELOPMENT SITE BOUNDARIES
- - - DEMARCATION LINE
- BASELINE 200YR BREACH FLOOD EXTENT (2030)
- BASELINE 1000YR BREACH FLOOD EXTENT (2030)

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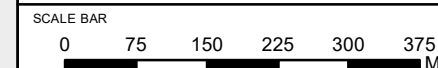


DOCUMENT:
 SIZEWELL C
 MAIN DEVELOPMENT SITE
 FLOOD RISK ASSESSMENT

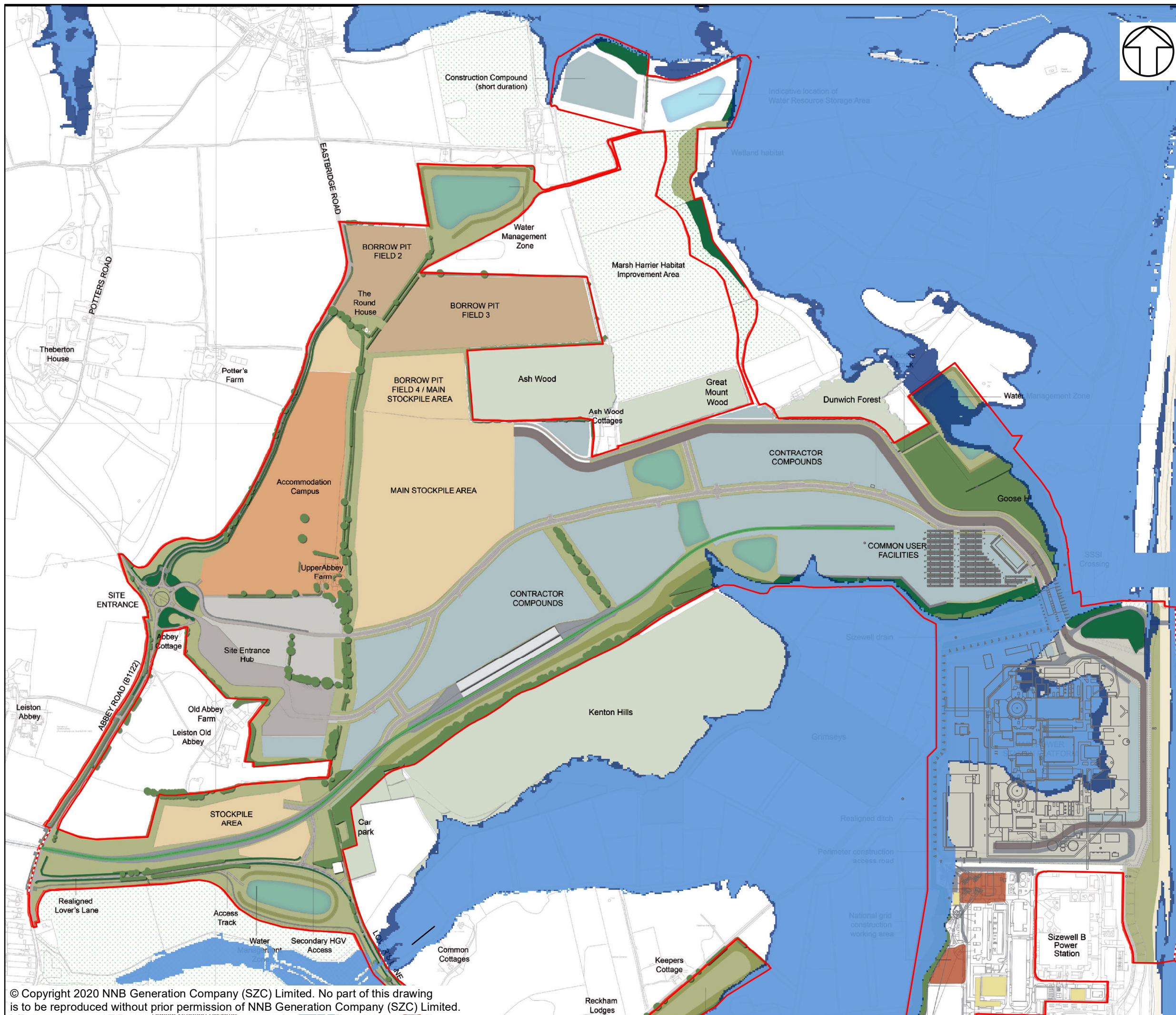
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 BASELINE BREACH FLOOD EXTENTS FOR 1 IN 200 YEAR AND 1 IN 1,000-YEAR EVENTS FOR 2030 – SIZEWELL C BREACH MODEL, 2019 FOR THE MAIN PLATFORM

DRAWING NO:
 FIGURE 26

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



NORTH SEA



NOTES

KEY

- SIZEWELL C AND ASSOCIATED DEVELOPMENT SITE BOUNDARIES
- - - DEMARCATION LINE
- BASELINE 200YR BREACH FLOOD EXTENT (2030)
- BASELINE 1000YR BREACH FLOOD EXTENT (2030)

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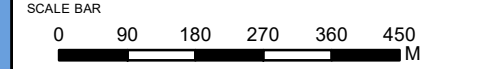


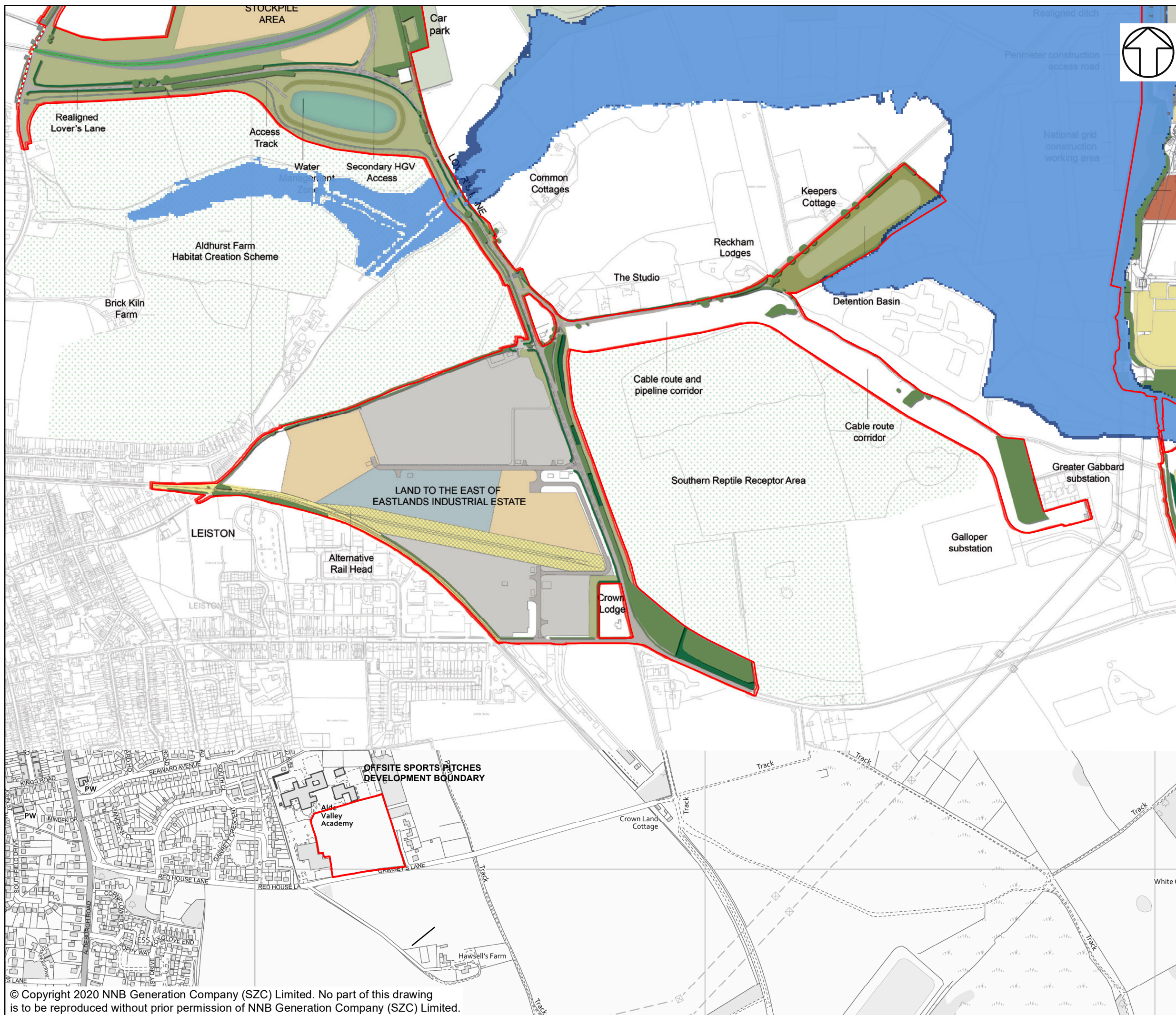
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 MAIN DEVELOPMENT SITE
 FLOOD RISK ASSESSMENT

DRAWING TITLE:
 BBASELINE BREACH FLOOD EXTENTS FOR 1 IN 200 YEAR AND 1 IN 1,000-YEAR EVENTS FOR 2030 – SIZEWELL C BREACH MODEL, 2019 FOR THE TEMPORARY CONSTRUCTION AREA

DRAWING NO.:
 FIGURE 27

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





NOTES

KEY

- SIZEWELL C AND ASSOCIATED DEVELOPMENT SITE BOUNDARIES
- - - DEMARCATION LINE
- BASELINE 200YR BREACH FLOOD EXTENT (2030)
- BASELINE 1000YR BREACH FLOOD EXTENT (2030)

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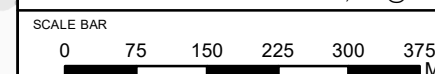


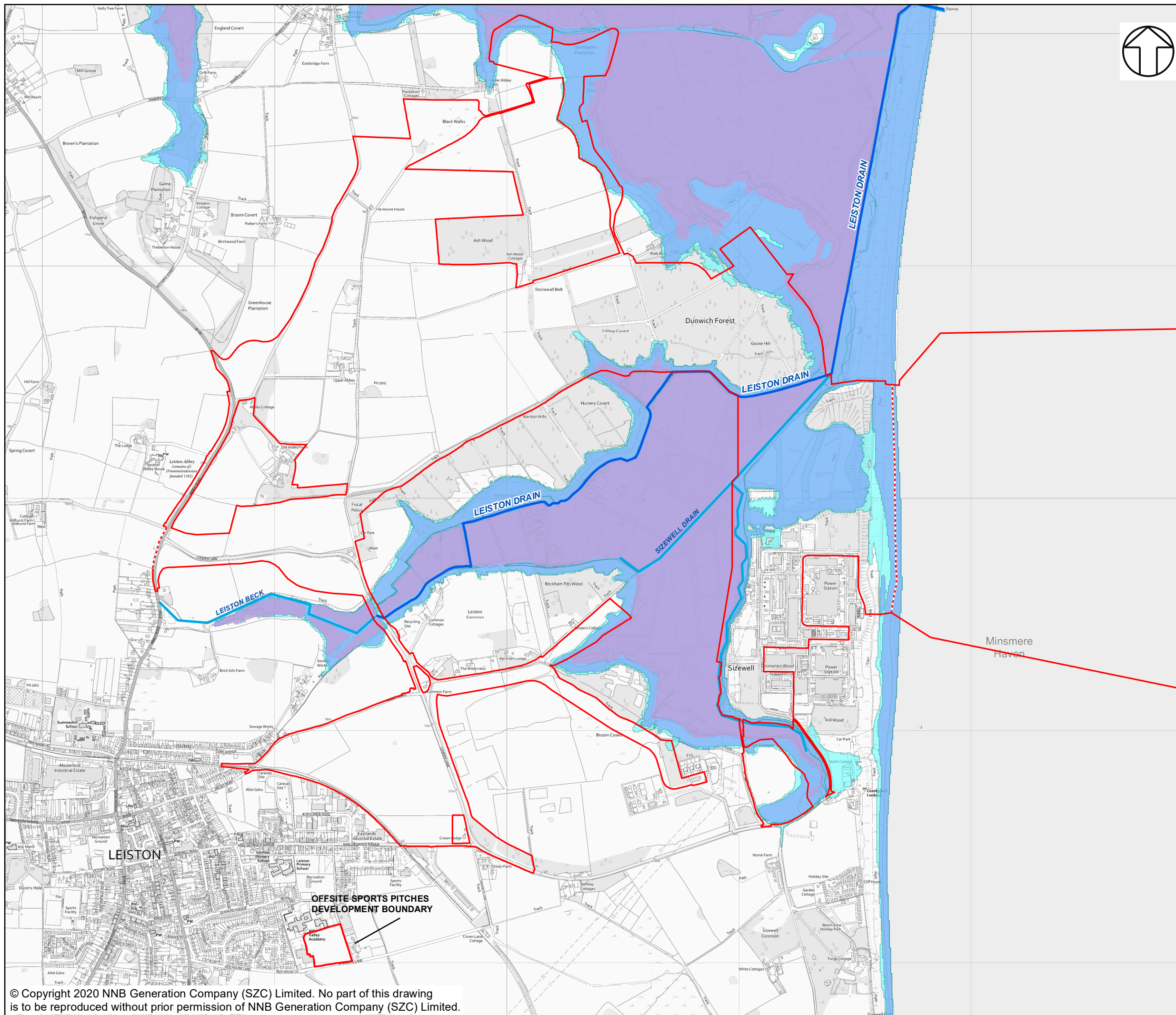
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 MAIN DEVELOPMENT SITE
 FLOOD RISK ASSESSMENT

DRAWING TITLE:
 BASELINE BREACH FLOOD EXTENTS FOR 1 IN 200 YEAR AND 1 IN 1,000-YEAR EVENTS FOR 2030 – SIZEWELL C BREACH MODEL, 2019 FOR THE LEEIE AREA

DRAWING NO:
 FIGURE 28

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





- NOTES**
- KEY**
- SIZEWELL C AND ASSOCIATED DEVELOPMENT SITE BOUNDARIES
 - - - DEMARICATION LINE
 - MODELLED FLOOD EXTENT 100 YEAR EVENT BASELINE
- ENVIRONMENT AGENCY DATA**
- FLOOD ZONE 2
 - FLOOD ZONE 3
 - MAIN RIVERS
 - ORDINARY WATERCOURSES

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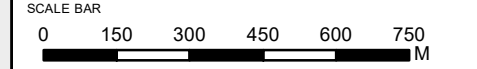


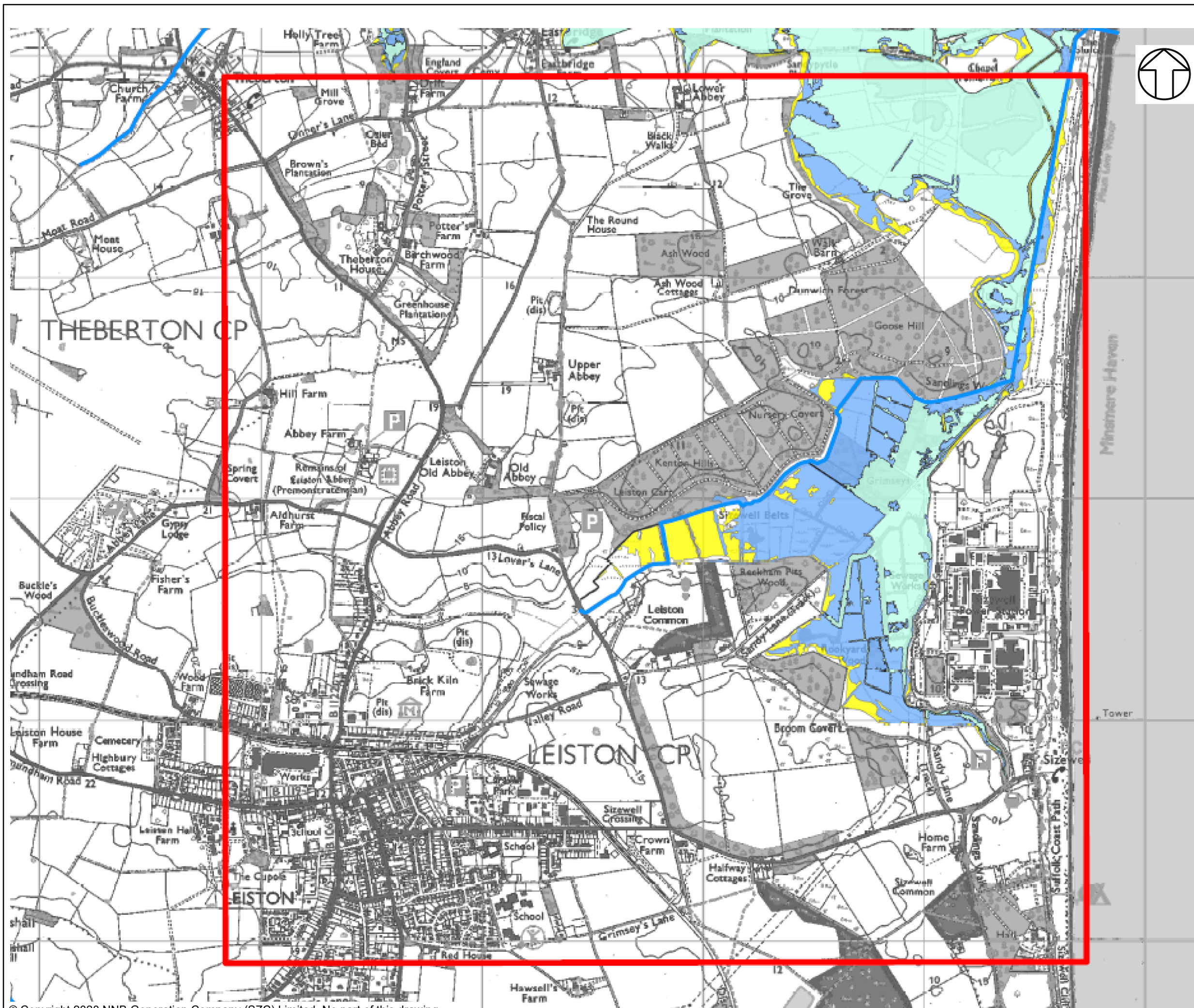
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 MAIN DEVELOPMENT SITE
 FLOOD RISK ASSESSMENT


DRAWING TITLE:
 COMPARISON OF MODELLED FLOOD EXTENTS
 AND ENVIRONMENT AGENCY FLOOD ZONES

DRAWING NO:
 FIGURE 29

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





<p>NOTES</p> <p>FIGURE EXTRACTED FROM ENVIRONMENT AGENCY DATA REQUEST REF - EAN/2019/128739</p>		
<p>KEY</p> <ul style="list-style-type: none"> Site Location Main Rivers 1 in 10 (10%) 1 in 100 (1%) 1 in 1000 (0.1%) 		
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<p>DOCUMENT: SIZEWELL C MAIN DEVELOPMENT SITE FLOOD RISK ASSESSMENT</p>		
<p>DRAWING TITLE: ENVIRONMENT AGENCY FLOOD MAP FOR SIZEWELL 2013 UNDEFENDED FLUVIAL EXTENTS</p>		
<p>DRAWING NO: FIGURE 30</p>		
<p>DATE: JAN 2020</p>	<p>DRAWN: P.S.</p>	<p>SCALE:</p>
<p>SCALE BAR</p>		