



# The Sizewell C Project

## 5.2 Main Development Site Flood Risk Assessment Figures 11- 20

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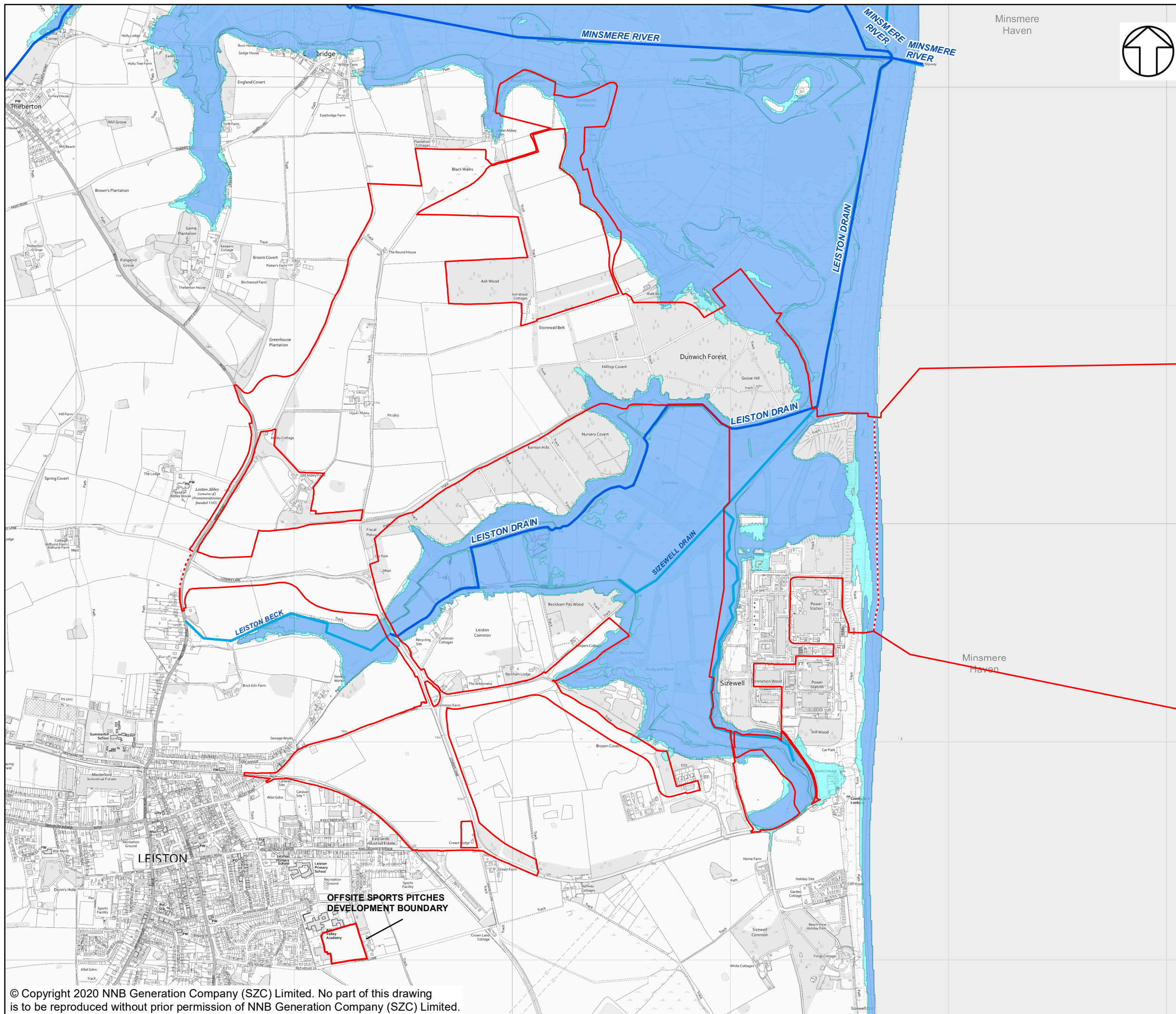
Revision: 1.0  
Applicable Regulation: Regulation 5(2)(e)  
PINS Reference Number: EN010012

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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
- MAIN RIVERS
- ORDINARY WATERCOURSES

**ENVIRONMENT AGENCY DATA**

- FLOOD ZONE 2
- FLOOD ZONE 3

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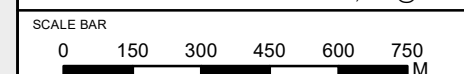


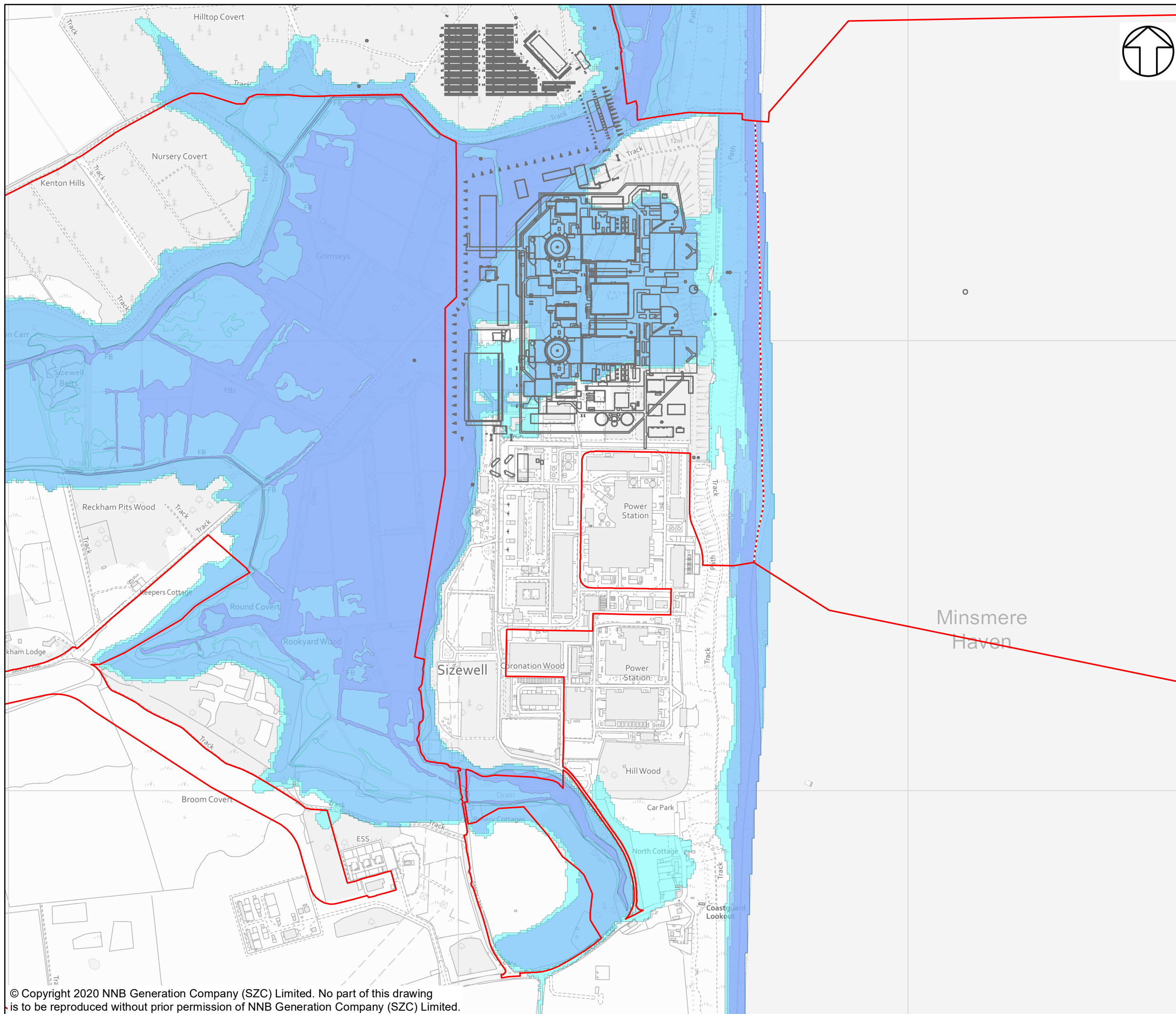
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 MAIN DEVELOPMENT SITE  
 FLOOD RISK ASSESSMENT

**DRAWING TITLE:**  
 ENVIRONMENT AGENCY FLOOD  
 MAP FOR PLANNING FOR THE  
 STUDY AREA

**DRAWING NO:**  
 FIGURE 11

**DATE:** JAN 2020      **DRAWN:** E.H.      **SCALE:** 1:16,500 @A3





**NOTES**

**KEY**

- SIZEWELL C MAIN DEVELOPMENT SITE BOUNDARY
- - - DEMARCATION LINE
- FLOOD ZONE 3B
- FLOOD ZONE 3
- FLOOD ZONE 2

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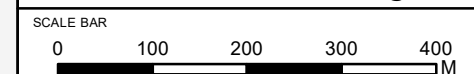


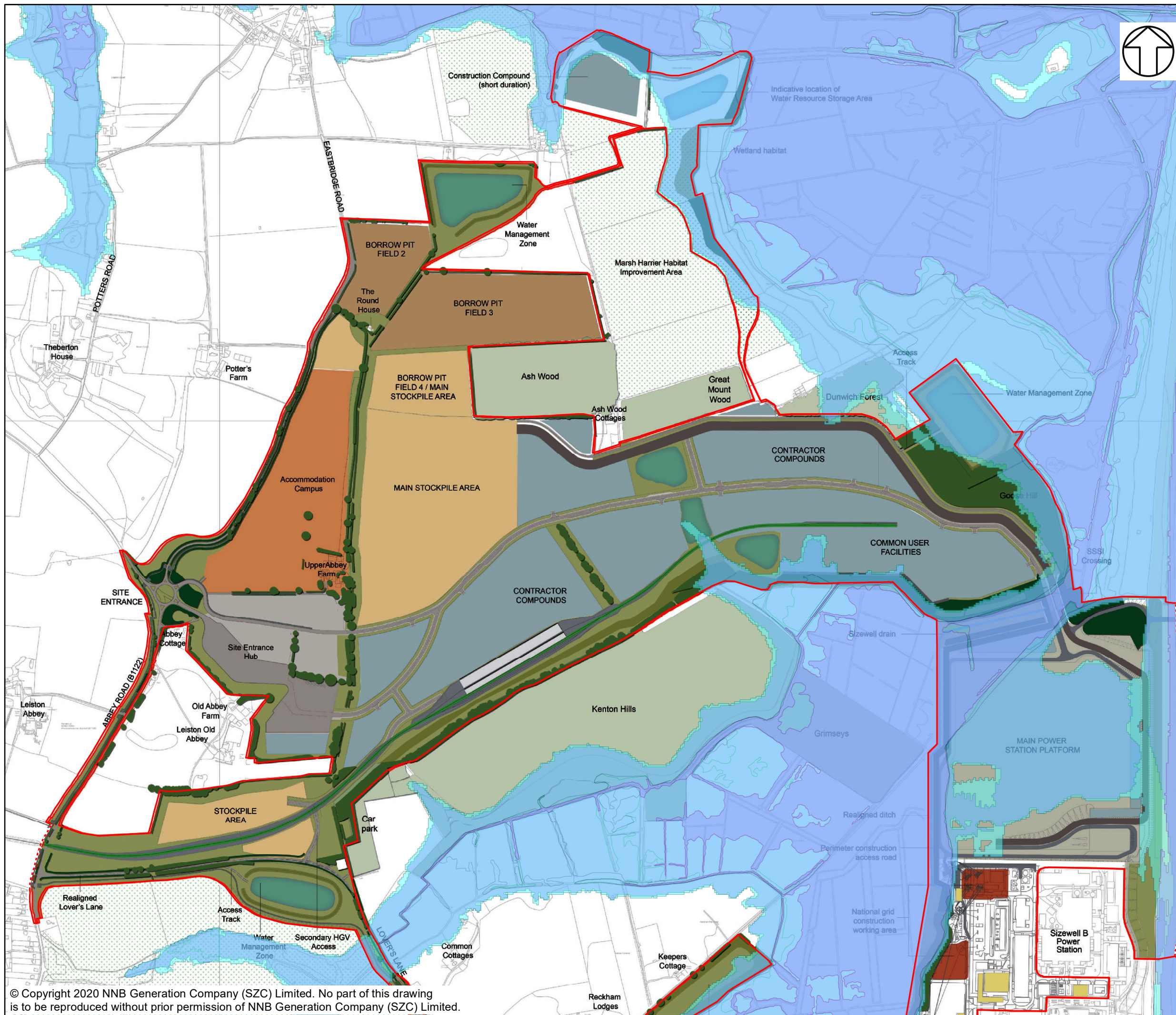
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 SIZEWELL C  
 MAIN DEVELOPMENT SITE  
 FLOOD RISK ASSESSMENT

**DRAWING TITLE:**  
 ENVIRONMENT AGENCY FLOOD MAP  
 FOR PLANNING FOR THE MAIN  
 PLATFORM

**DRAWING NO:**  
 FIGURE 12

**DATE:** JAN 2020      **DRAWN:** F.C.      **SCALE:** 1:8,000 @A3





**NOTES**

**KEY**

- SIZEWELL C MAIN DEVELOPMENT SITE BOUNDARY
- - - DEMARCATION LINE
- FLOOD ZONE 3B
- FLOOD ZONE 3
- FLOOD ZONE 2
- MAIN LAND USES**
- MAIN POWER STATION PLATFORM
- CONTRACTOR COMPOUNDS
- NATIONAL GRID CONSTRUCTION WORKING AREA
- MATERIALS STORAGE AREA
- BORROW PIT AREA
- ACCOMODATION CAMPUS
- SITE ENTRANCE HUB
- WATER MANAGEMENT ZONE
- RELOCATED FACILITIES CONSTRUCTION AREAS
- SITE INFRASTRUCTURE**
- ACCESS ROAD
- HAUL ROAD
- RAIL ROUTE AND CORRIDOR
- LAND USES**
- EXISTING VEGETATION TO BE RETAINED (WOODLAND/HEDGEROWS/TREES)
- EXISTING PRINCIPAL WOODLAND AREAS
- OUTSIDE REDLINE BOUNDARY
- PROPOSED CONSTRUCTION PHASE PLANTING
- BUFFER ZONE
- LAND TO BE USED FOR MITIGATION OR COMPENSATION

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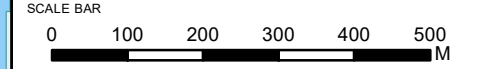


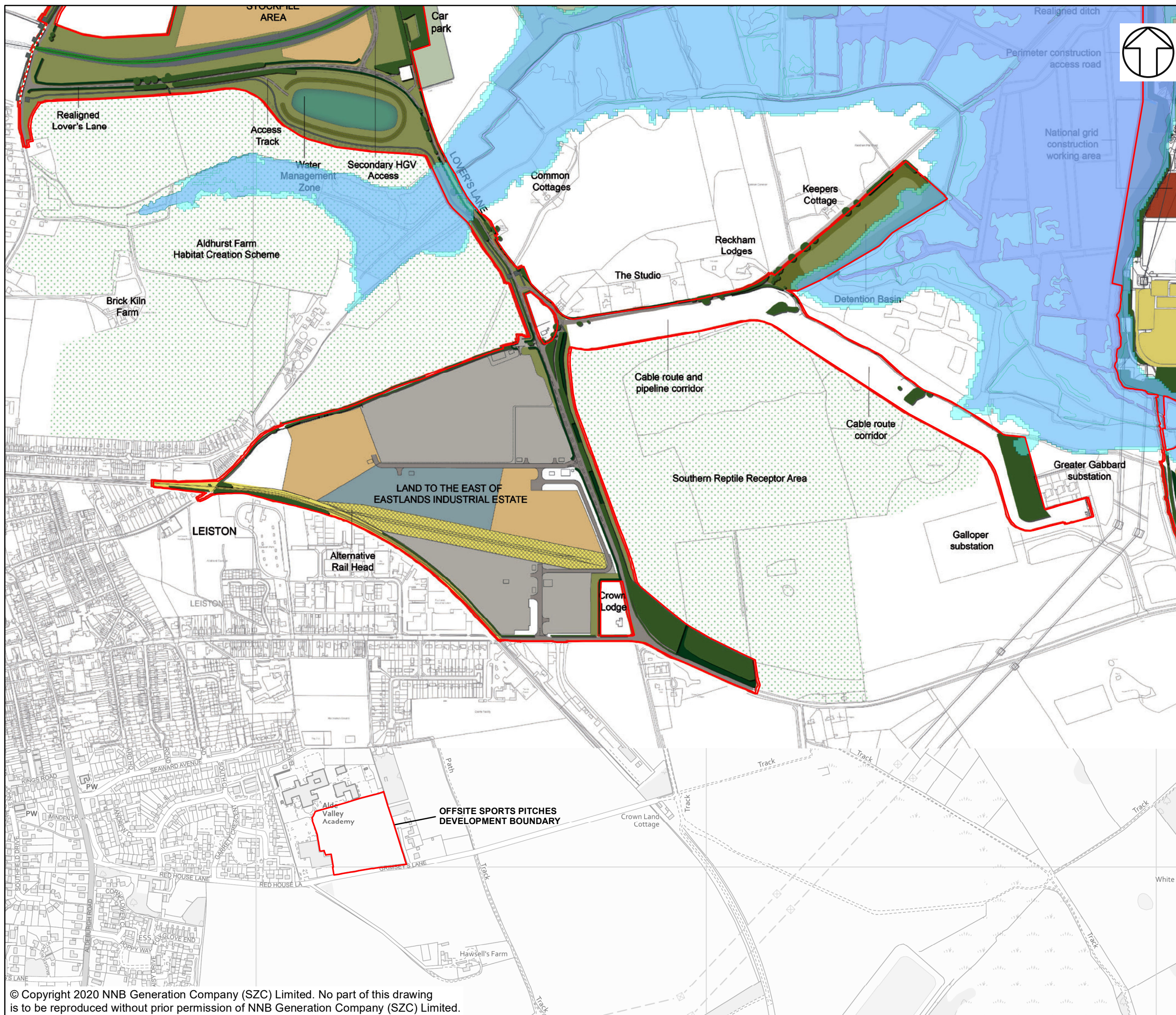
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 SIZEWELL C  
 MAIN DEVELOPMENT SITE  
 FLOOD RISK ASSESSMENT

**DRAWING TITLE:**  
 ENVIRONMENT AGENCY FLOOD MAP  
 FOR PLANNING FOR THE TEMPORARY  
 CONSTRUCTION AREA

**DRAWING NO:**  
 FIGURE 13

**DATE:** JAN 2020      **DRAWN:** F.C.      **SCALE:** 1:10,000 @A3





**NOTES**

**KEY**

- SIZEWELL C AND ASSOCIATED DEVELOPMENT SITE BOUNDARIES
- - - DEMARCATION LINE
- FLOOD ZONE 3B
- FLOOD ZONE 3
- FLOOD ZONE 2

**MAIN LAND USES**

- MAIN POWER STATION PLATFORM
- NATIONAL GRID CONSTRUCTION WORKING AREA
- WATER MANAGEMENT ZONE
- RELOCATED FACILITIES CONSTRUCTION AREAS

**SITE INFRASTRUCTURE**

- ACCESS ROAD
- HAUL ROAD
- RAIL HEAD
- RAIL ROUTE AND CORRIDOR

**LAND USES**

- EXISTING VEGETATION TO BE RETAINED (WOODLAND/HEDGEROWS/TREES)
- EXISTING PRINCIPAL WOODLAND AREAS
- OUTSIDE REDLINE BOUNDARY
- PROPOSED CONSTRUCTION PHASE
- PLANTING
- BUFFER ZONE
- LAND TO BE USED FOR MITIGATION OR COMPENSATION

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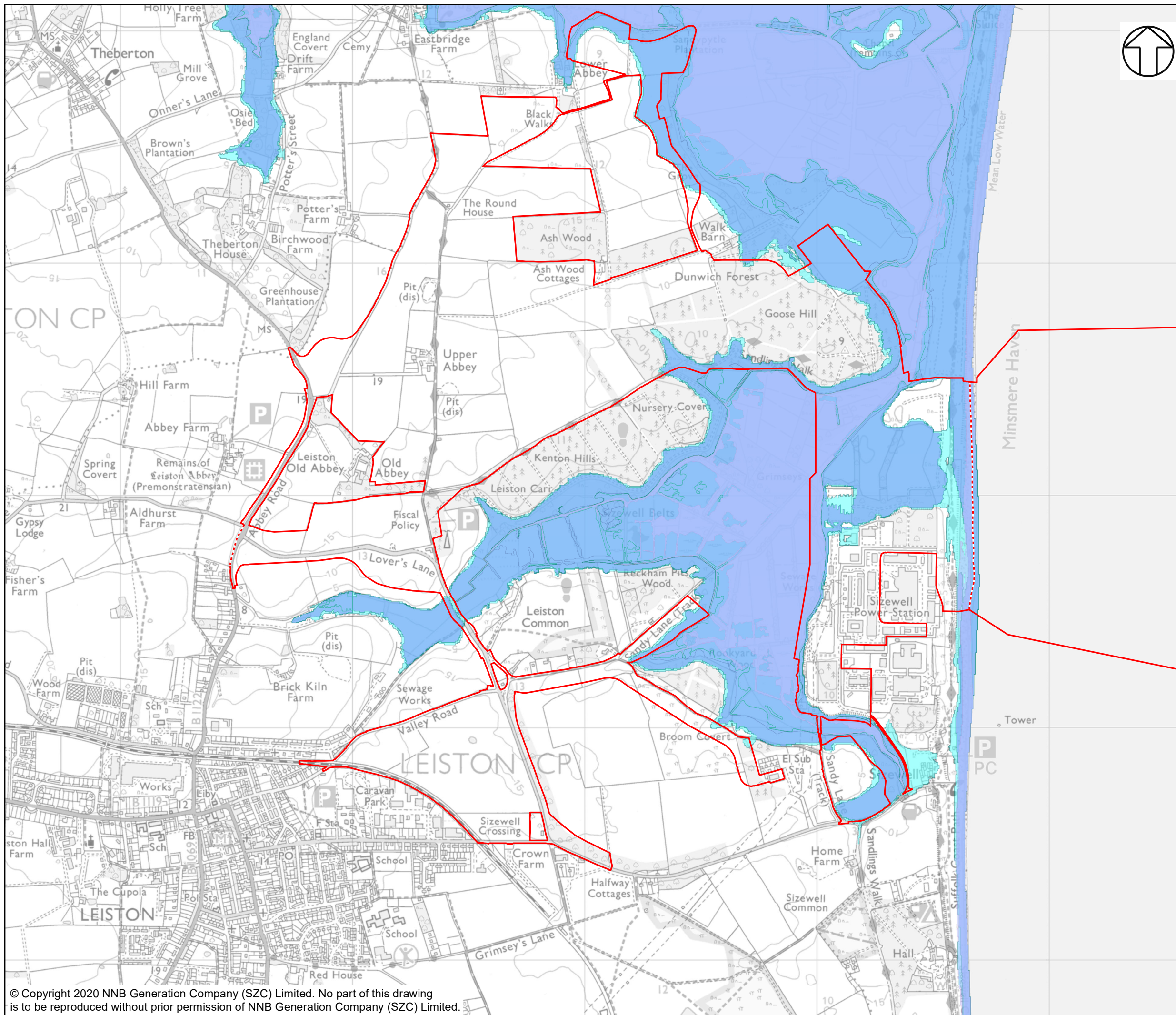
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 FLOOD RISK ASSESSMENT

**DRAWING TITLE:**  
 ENVIRONMENT AGENCY FLOOD MAP FOR  
 PLANNING FOR THE LEEIE AREA

**DRAWING NO:**  
 FIGURE 14

**DATE:** JAN 2020      **DRAWN:** F.C.      **SCALE:** 1:8,000 @A3

**SCALE BAR**  
 0      100      200      300      400  
 M



**NOTES**

**KEY**

- MAIN DEVELOPMENT SITE BOUNDARY
- - - DEMARCATION LINE

**ENVIRONMENT AGENCY DATA**

- FLOOD ZONE 1
- FLOOD ZONE 2
- FLOOD ZONE 3
- FLOOD ZONE 3B

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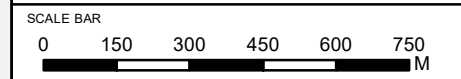


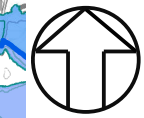
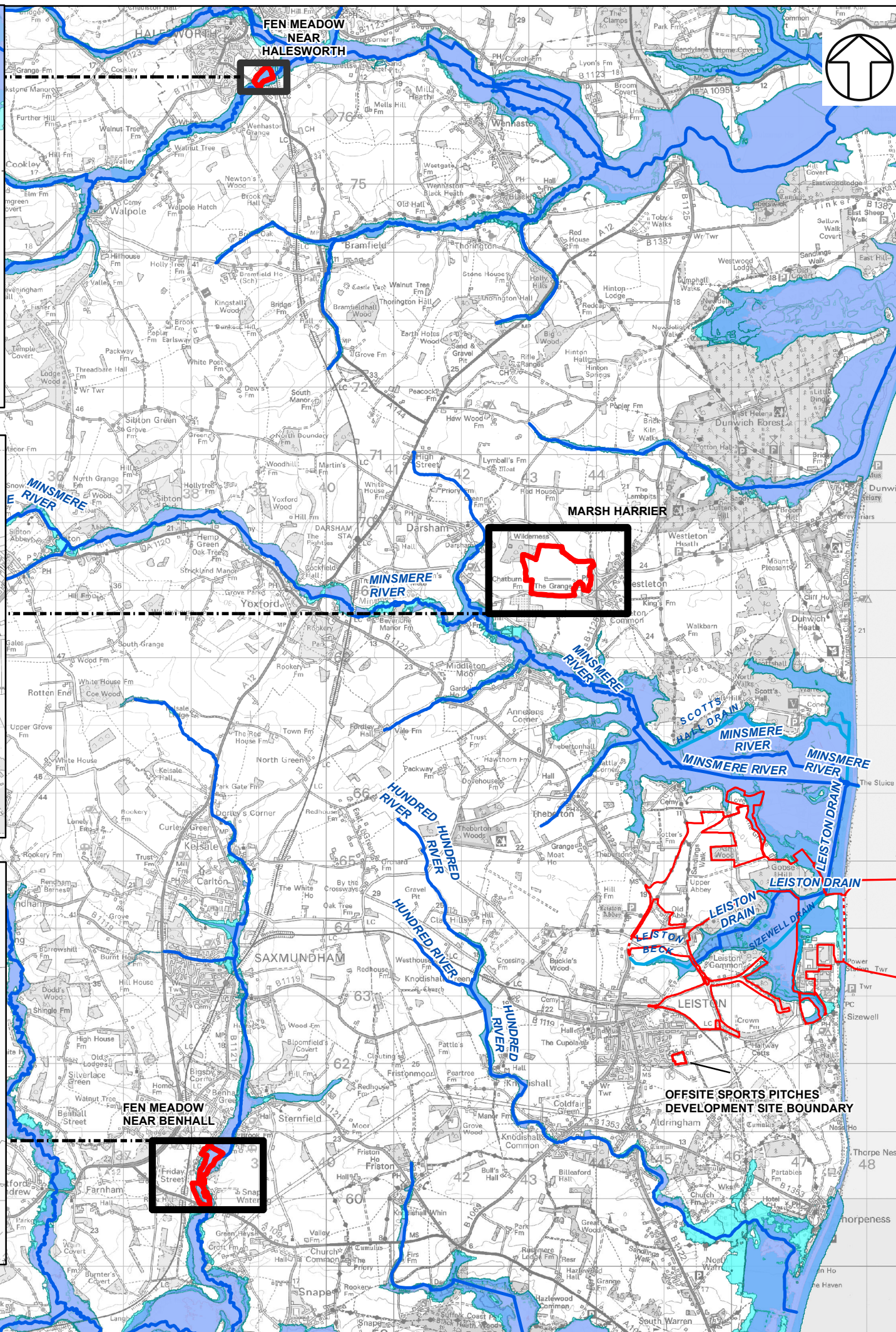
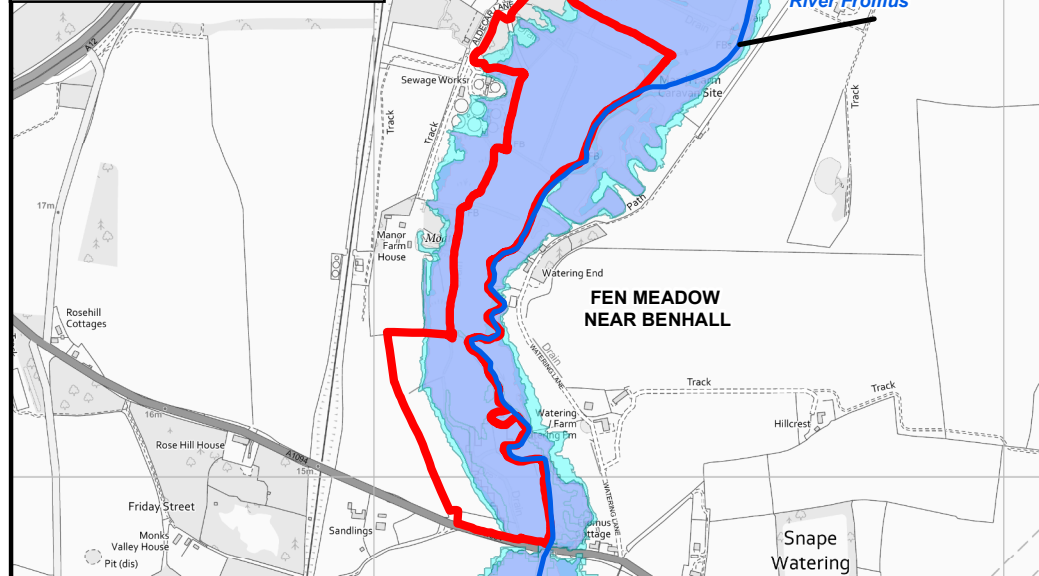
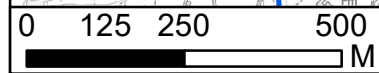
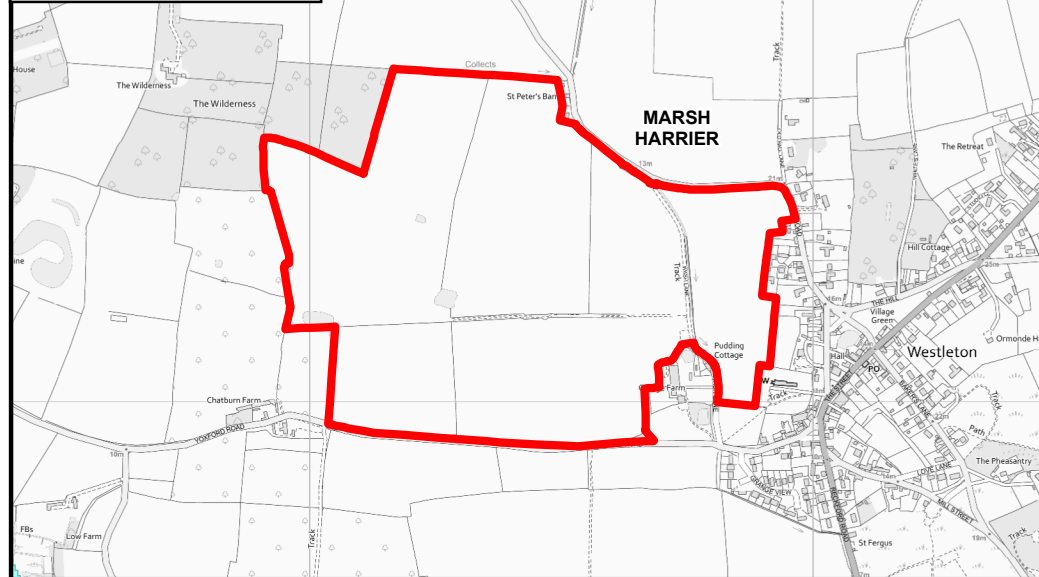
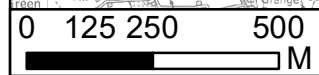
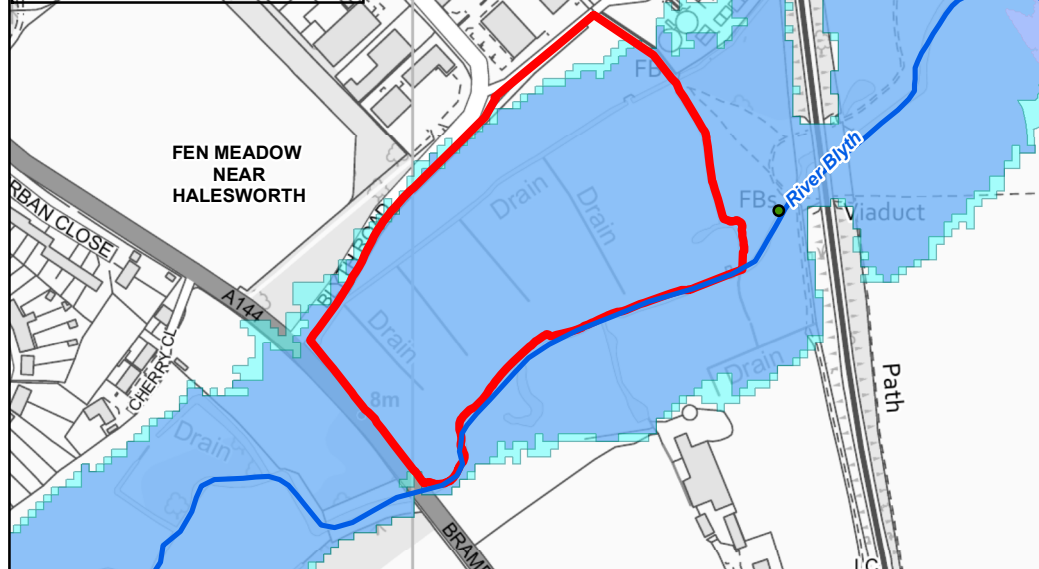
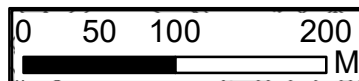
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 MAIN DEVELOPMENT SITE  
 FLOOD RISK ASSESSMENT

**DRAWING TITLE:**  
 FLOOD ZONE 3B FOR THE  
 MAIN DEVELOPMENT SITE

**DRAWING NO:**  
 FIGURE 15

**DATE:** JAN 2020      **DRAWN:** P.S.      **SCALE:** 1:15,500 @A3





- NOTES**
- KEY**
- SIZEWELL C AND ASSOCIATED DEVELOPMENT SITE BOUNDARIES
  - - - DEMARCATION LINE
  - MAIN RIVERS
  - ORDINARY WATERCOURSES
- ENVIRONMENT AGENCY DATA**
- FLOOD ZONE 1
  - FLOOD ZONE 2
  - FLOOD ZONE 3
  - FLOOD ZONE 3B

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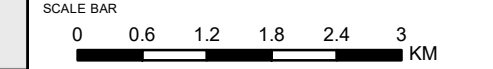


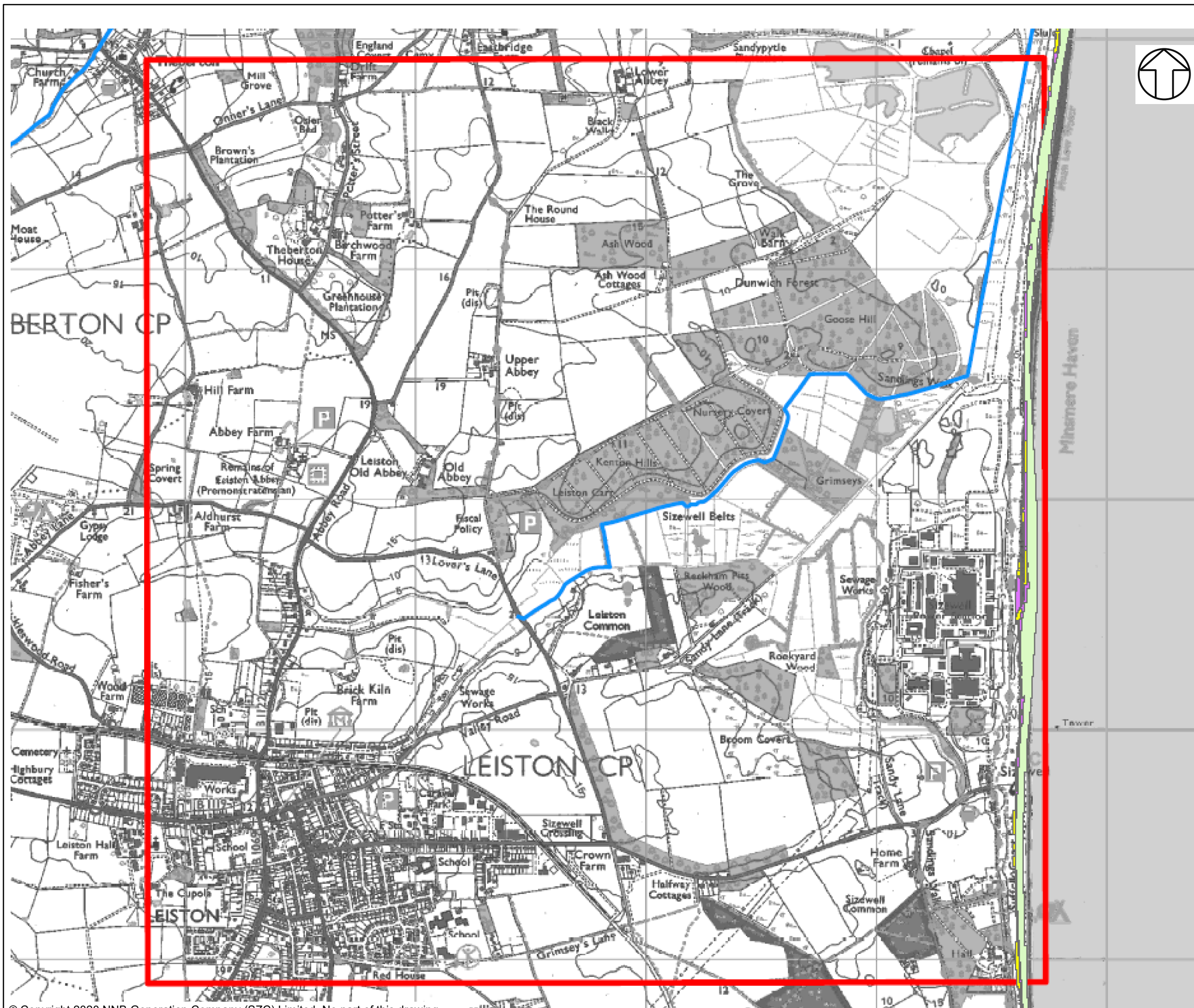
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 FLOOD RISK ASSESSMENT

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 ENVIRONMENTAL COMPENSATION AREAS  
 ENVIRONMENT AGENCY FLOOD EXTENTS

**DRAWING NO:**  
 FIGURE 16

**DATE:** JAN 2020     **DRAWN:** P.S.     **SCALE:** 1:70,000 @A3





**NOTES**

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

**KEY**

- 1 in 20 (5%)
- 1 in 200 (0.5%)
- 1 in 1000 (0.1%)
- Site Location
- Main Rivers

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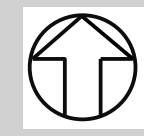
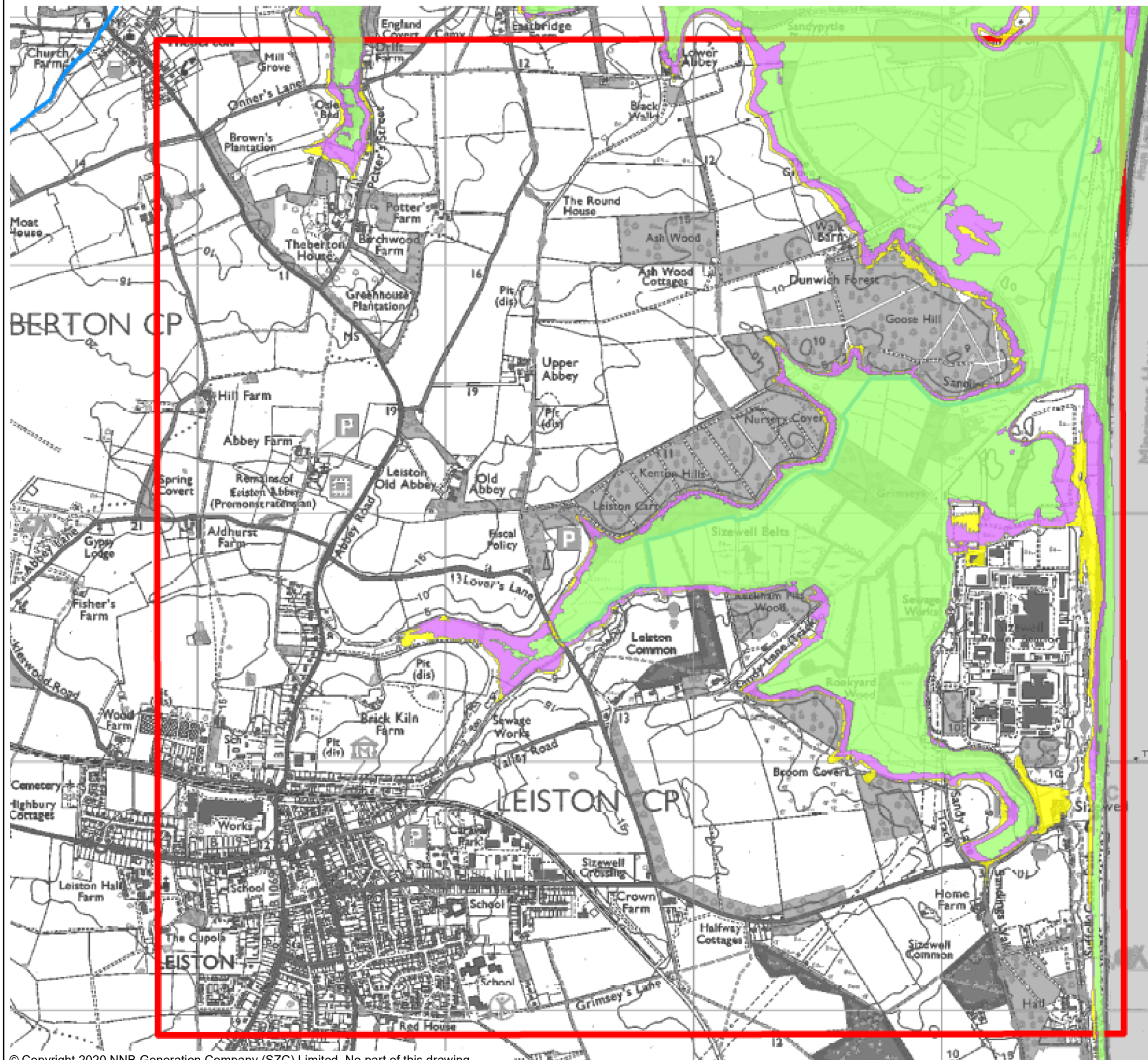
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SIZEWELL C  
MAIN DEVELOPMENT SITE  
FLOOD RISK ASSESSMENT

**DRAWING TITLE:**  
ENVIRONMENT AGENCY FLOOD MAP  
FOR LEISTON AREA (2018) DEFENDED  
COASTAL EXTENTS

**DRAWING NO.:**  
FIGURE 17

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





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

**KEY**

- 1 in 20 (5%)
- 1 in 200 (0.5%)
- 1 in 1000 (0.1%)
- Site Location
- Main Rivers

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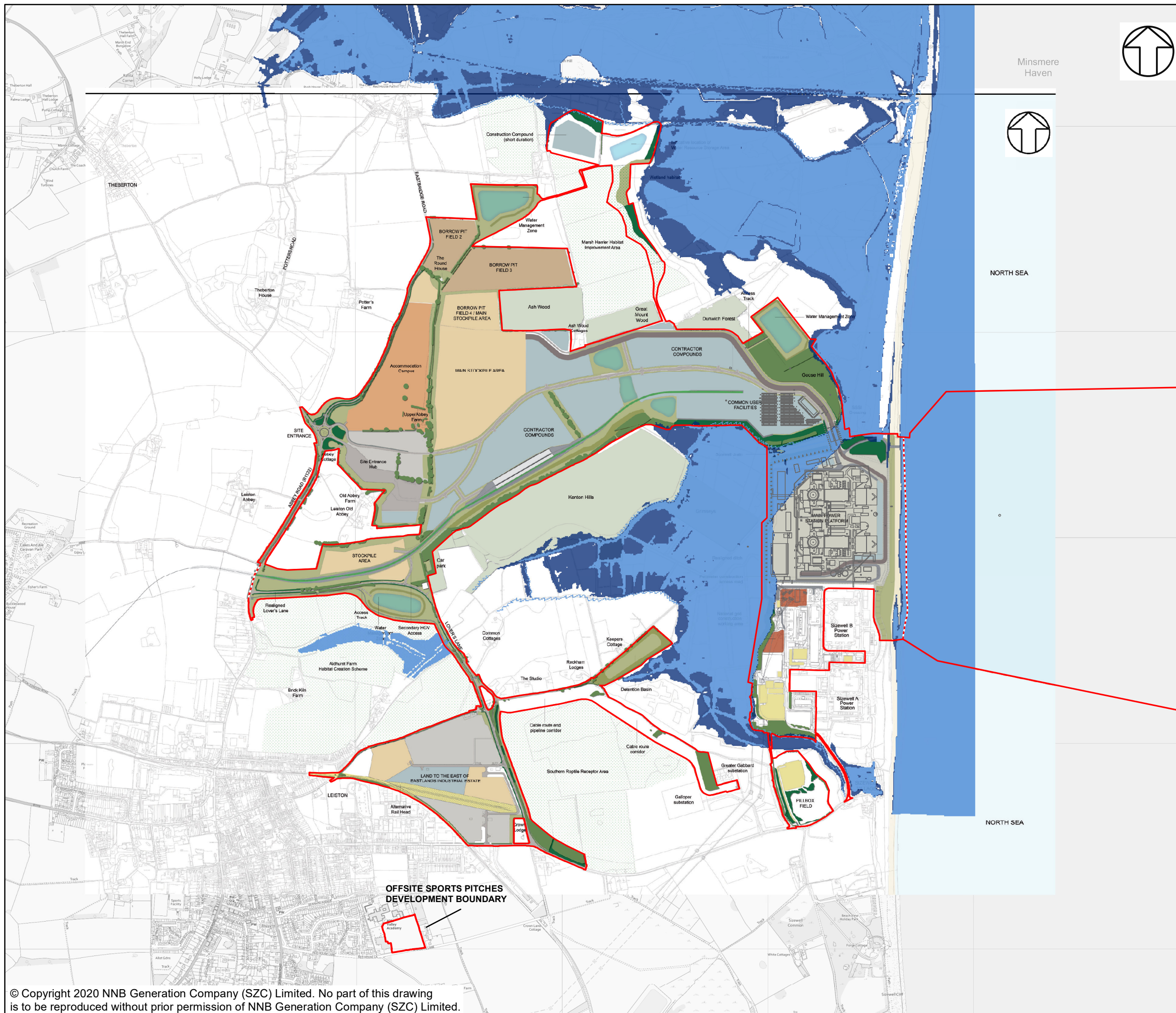
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 MAIN DEVELOPMENT SITE  
 FLOOD RISK ASSESSMENT

**DRAWING TITLE:**  
 ENVIRONMENT AGENCY FLOOD MAP  
 FOR LEISTON AREA (2018) UNDEFENDED  
 COASTAL EXTENTS

**DRAWING NO:**  
 FIGURE 18

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

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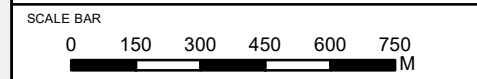


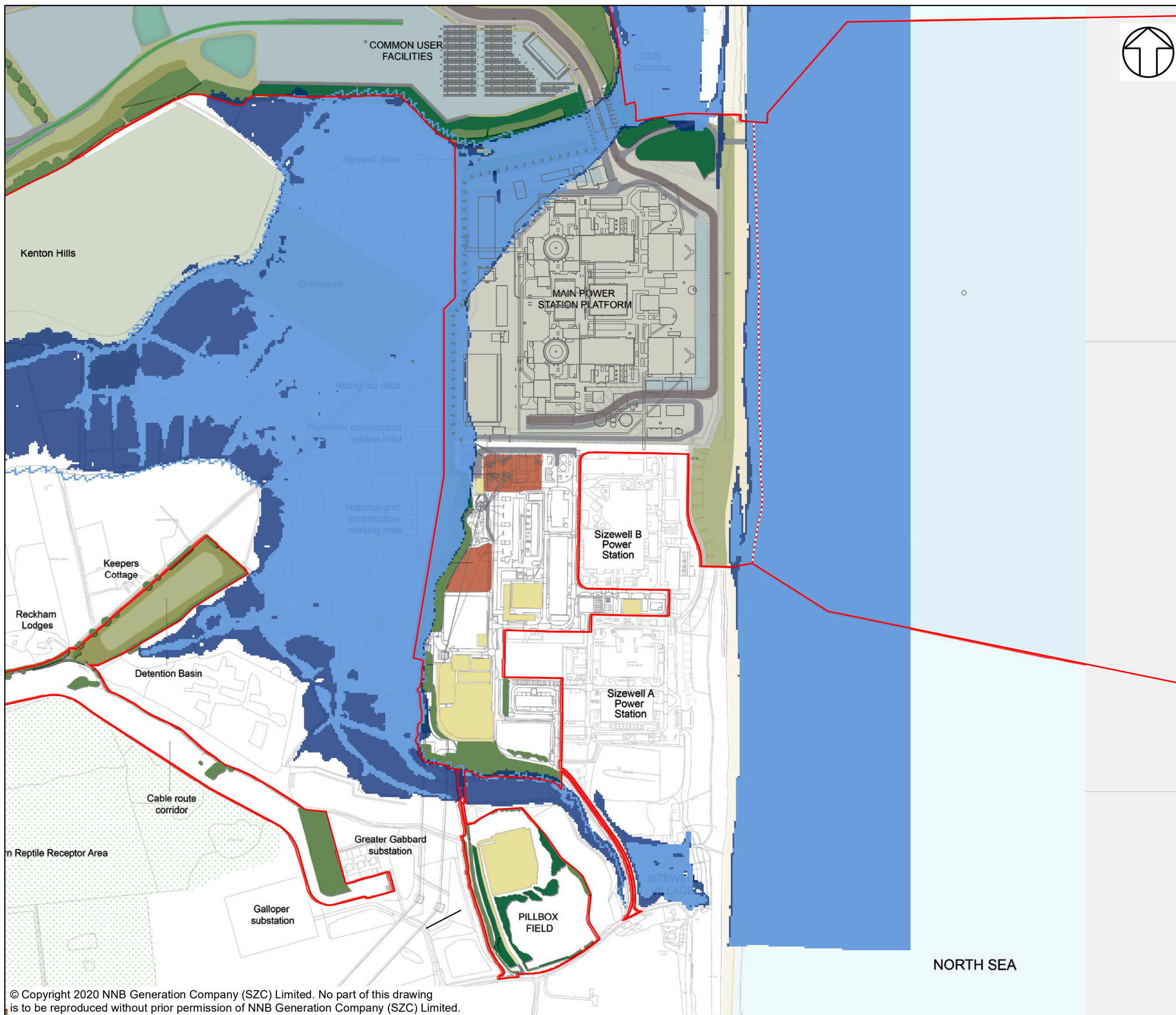
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 FLOOD RISK ASSESSMENT

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

**DRAWING NO.:**  
 FIGURE 19

**DATE:** JAN 2020      **DRAWN:** E.H.      **SCALE:** 1:17,500 @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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 SIZEWELL C  
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 FLOOD RISK ASSESSMENT

**DRAWING TITLE:**  
 BASELINE COASTAL INUNDATION MODEL  
 EXTENTS FOR 2030 FOR THE MAIN PLATFORM  
 AREA

**DRAWING NO:**  
 FIGURE 20

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

