



# The Sizewell C Project

## 6.3 Volume 2 Main Development Site Chapter 3 Description of Construction Figures 3.1 - 3.14

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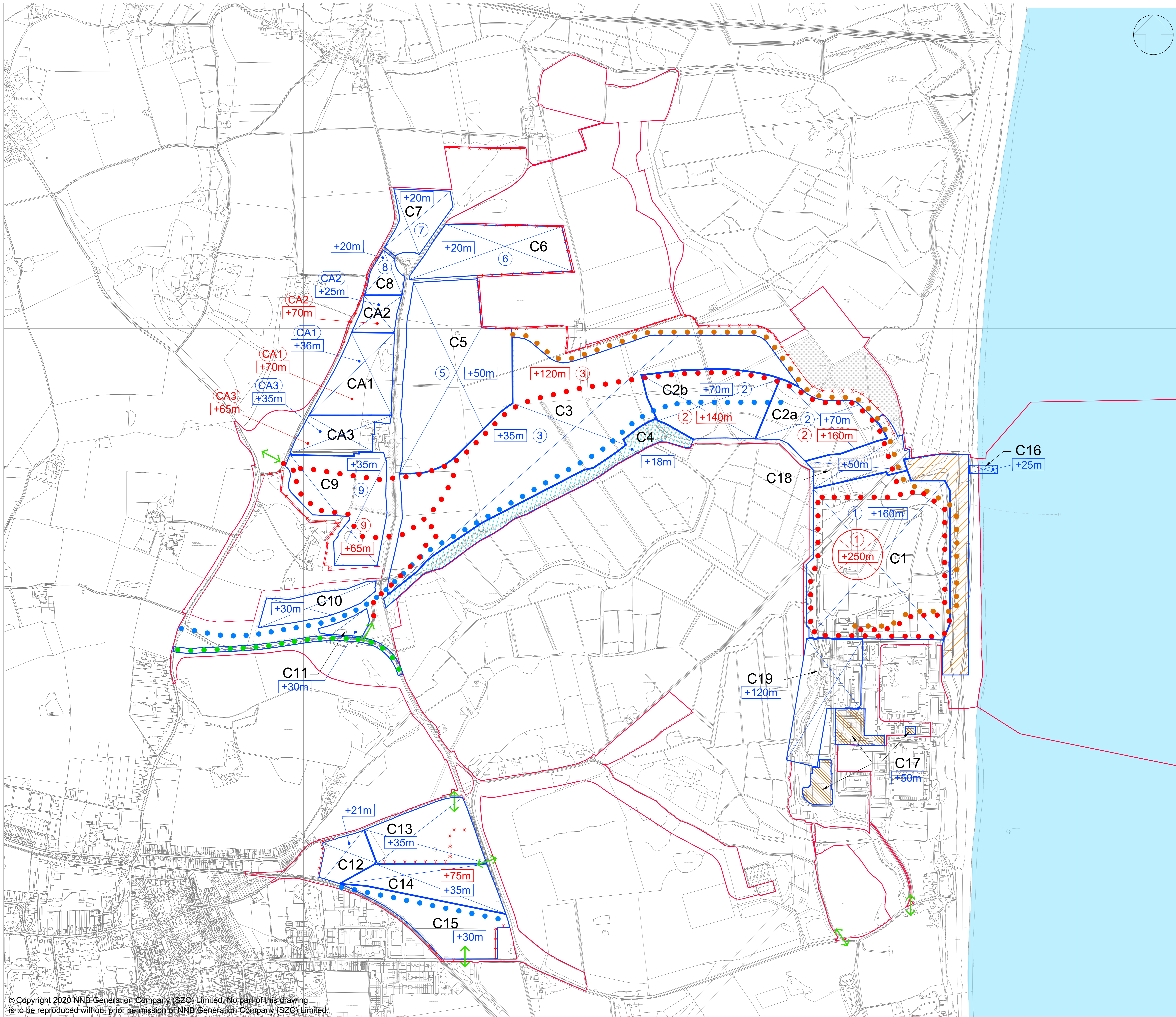
Revision: 1.0  
Applicable Regulation: Regulation 5(2)(a)  
PINS Reference Number: EN010012

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May 2020

Planning Act 2008  
Infrastructure Planning (Applications: Prescribed  
Forms and Procedure) Regulations 2009





**NOTES:**

1. ALL HEIGHTS ARE ABOVE ORDNANCE DATUM (AOD).
2. PARTS OF ZONES C5, C6 & C7 THAT ARE FIRST USED AS BORROW PITS WILL NOT SUBSEQUENTLY EXCEED A STOCKPILE HEIGHT OF 5m ABOVE EXISTING GROUND LEVEL.

**KEY:**

- CONSTRUCTION ZONE GENERAL CONDITION: POTENTIAL HEIGHT & WORKING PARAMETERS REQUIRED DURING CONSTRUCTION PHASE.
- CONSTRUCTION ZONE EXCEPTIONAL CONDITION: POTENTIAL HEIGHT & WORKING PARAMETERS REQUIRED DURING CONSTRUCTION PHASE.
- APPROX. LOCATION OF SITE ACCESS ROADS
- APPROX. LOCATION OF SITE HAUL ROADS
- APPROX. RAIL ROUTE
- LOVER'S LANE REALIGNMENT
- APPROX. LOCATION OF ACOUSTIC FENCE/BUND
- SITE ACCESS
- ZONE NUMBER
- HARD COASTAL DEFENCE FEATURE
- APPROX. LOCATION OF SOUTHERN BUND
- RELOCATED FACILITIES
- SIZEWELL C MAIN DEVELOPMENT SITE BOUNDARY

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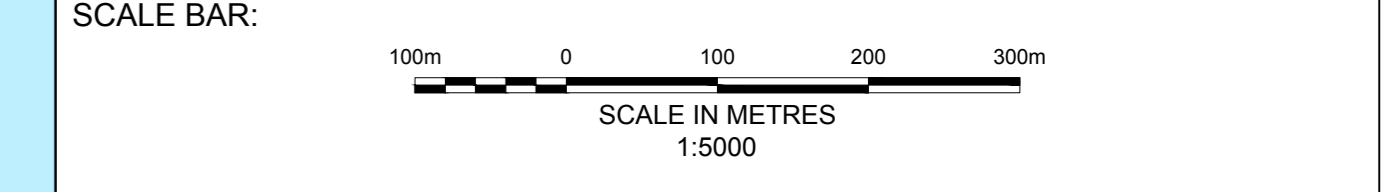


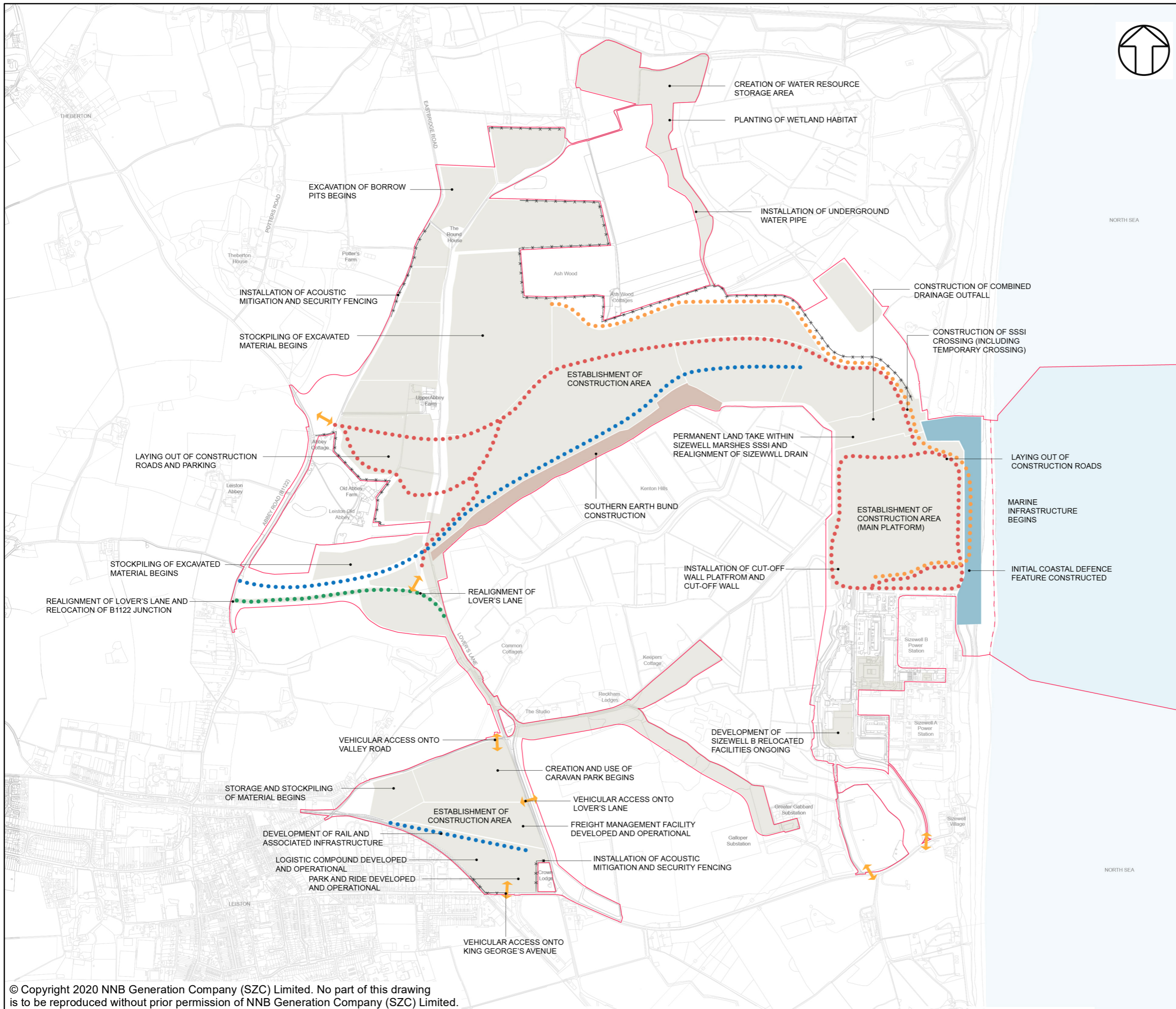
**DOCUMENT:**  
 SIZEWELL C ENVIRONMENTAL STATEMENT  
 VOLUME 2 - CHAPTER 3  
 DESCRIPTION OF CONSTRUCTION

**DRAWING TITLE:**  
 MAIN DEVELOPMENT SITE  
 CONSTRUCTION PARAMETER PLAN

**DRAWING NO:**  
 FIGURE 3.1

**DATE:** JAN 2020      **DRAWN:** SB      **SCALE:** 1:5000@A0





**NOTES**

General site clearance works will take place across the main development site as necessary during Phase 1  
 Security fencing will be installed where necessary during Phase 1 to secure the perimeter of the site

**KEY**

- Sizewell C Main Development Site Boundary
- Demarcation Line
- Area of Main Construction Activity
- Approximate Location of Site Access Roads
- Approximate Location of Site Haul Roads
- Approximate Location of Rail Route
- Lover's Lane Realignment
- Approximate Location of Acoustic Fence / Bund
- Site Access
- Hard Coastal Defence Feature
- Approximate Location of Southern Bund

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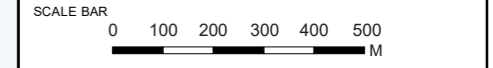


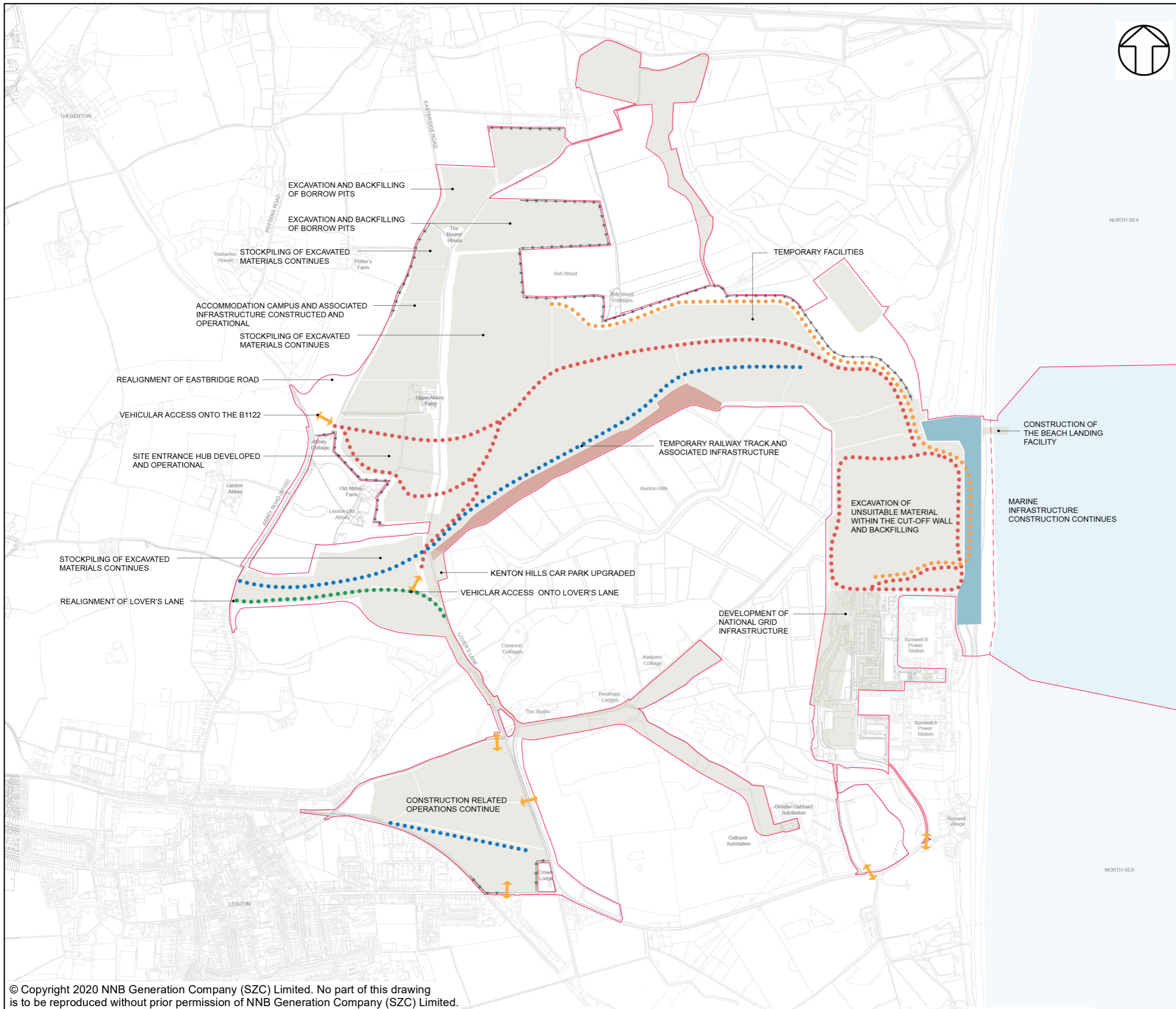
**DOCUMENT:**  
 SIZEWELL C  
 ENVIRONMENTAL STATEMENT  
 VOLUME 2  
 CHAPTER 3  
 DESCRIPTION OF CONSTRUCTION

**DRAWING TITLE:**  
 MAIN DEVELOPMENT SITE  
 PHASE 1: SITE ESTABLISHMENT AND  
 PREPARATION FOR EARTHWORKS  
 (YEARS 1 - 2)

**DRAWING NO.:**  
 FIGURE 3.2

**DATE:** JAN 2020      **DRAWN:** G.E      **SCALE:** NTS





**NOTES**

General site clearance works will take place across the main development site as necessary during Phase 1  
 Security fencing will be installed where necessary during Phase 1 to secure the perimeter of the site

**KEY**

- Sizewell C Main Development Site Boundary
- Demarcation Line
- Area of Main Construction Activity
- Approximate Location of Site Access Roads
- Approximate Location of Site Haul Roads
- Approximate Location of Rail Route
- Lover's Lane Realignment
- Approximate Location of Acoustic Fence / Bund
- Site Access
- Hard Coastal Defence Feature
- Approximate Location of Southern Bund

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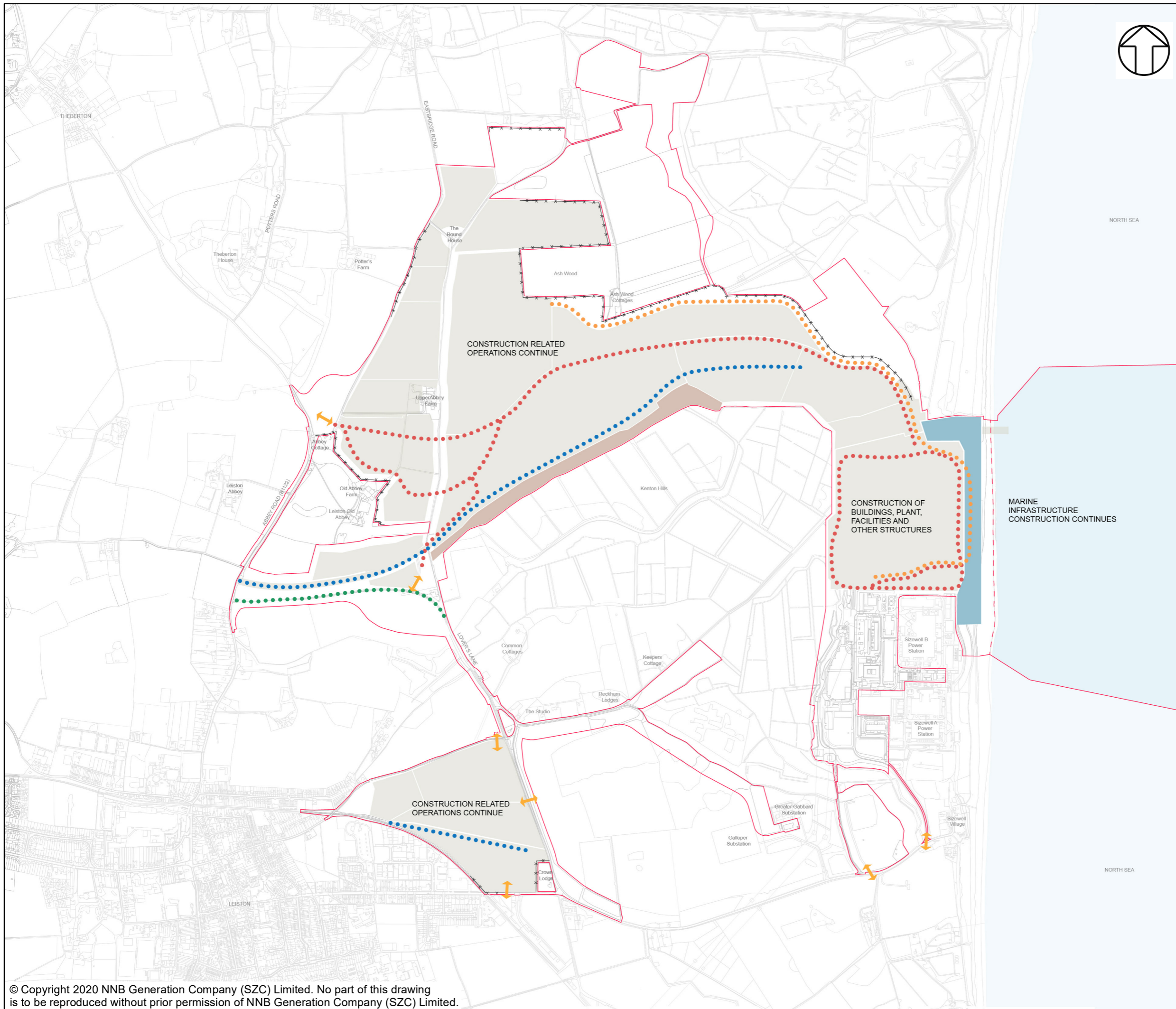
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 SIZEWELL C  
 ENVIRONMENTAL STATEMENT  
 VOLUME 2  
 CHAPTER 3  
 DESCRIPTION OF CONSTRUCTION

**DRAWING TITLE:**  
 MAIN DEVELOPMENT SITE  
 PHASE 2: MAIN EARTHWORKS  
 (YEARS 1 - 4)

**DRAWING NO.:**  
 FIGURE 3.3

**DATE:** JAN 2020      **DRAWN:** G.E      **SCALE:** NTS
















**NOTES**

General site clearance works will take place across the main development site as necessary during Phase 1  
 Security fencing will be installed where necessary during Phase 1 to secure the perimeter of the site

**KEY**

-  Sizewell C Main Development Site Boundary
-  Demarcation Line
-  Area of Main Construction Activity
-  Approximate Location of Site Access Roads
-  Approximate Location of Site Haul Roads
-  Approximate Location of Rail Route
-  Lovers Lane Realignment
-  Approximate Location of Acoustic Fence / Bund
-  Site Access
-  Hard Coastal Defence Feature
-  Approximate Location of Southern Bund

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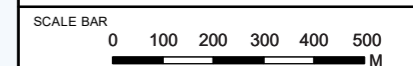


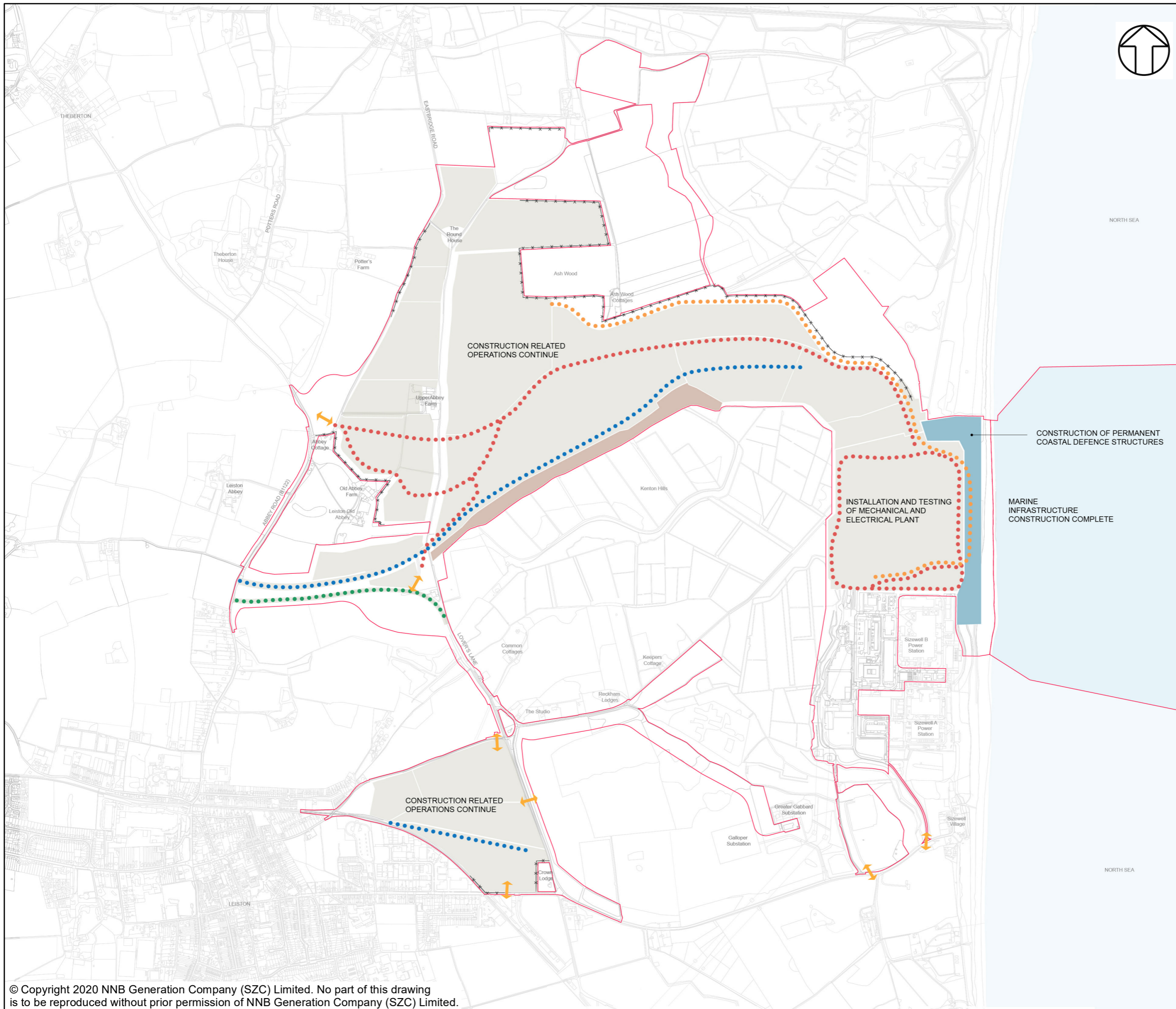
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 ENVIRONMENTAL STATEMENT  
 VOLUME 2  
 CHAPTER 3  
 DESCRIPTION OF CONSTRUCTION

DRAWING TITLE:  
 MAIN DEVELOPMENT SITE  
 PHASE 3: MAIN CIVILS  
 (YEARS 3 - 9)

DRAWING NO:  
 FIGURE 3.4

DATE: JAN 2020      DRAWN: G.E      SCALE: NTS





**NOTES**

General site clearance works will take place across the main development site as necessary during Phase 1  
 Security fencing will be installed where necessary during Phase 1 to secure the perimeter of the site

**KEY**

- Sizewell C Main Development Site Boundary
- Demarcation Line
- Area of Main Construction Activity
- Approximate Location of Site Access Roads
- Approximate Location of Site Haul Roads
- Approximate Location of Rail Route
- Lover's Lane Realignment
- Approximate Location of Acoustic Fence / Bund
- Site Access
- Hard Coastal Defence Feature
- Approximate Location of Southern Bund

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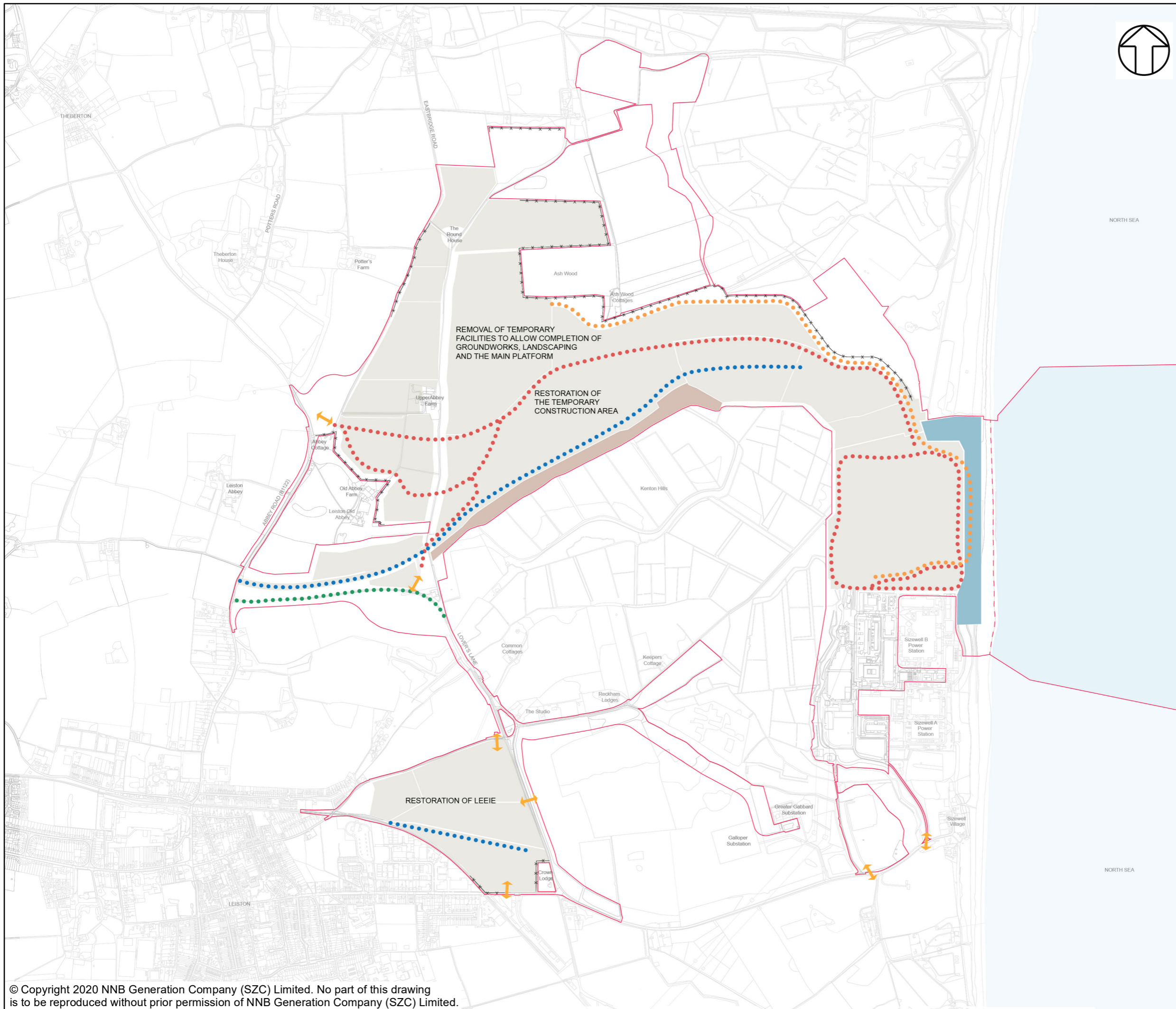
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 SIZEWELL C  
 ENVIRONMENTAL STATEMENT  
 VOLUME 2  
 CHAPTER 3  
 DESCRIPTION OF CONSTRUCTION

**DRAWING TITLE:**  
 MAIN DEVELOPMENT SITE  
 PHASE 4: MECHANICAL AND ELECTRICAL  
 INSTALLATION  
 (YEARS 4 - 11)

**DRAWING NO.:**  
 FIGURE 3.5

**DATE:** JAN 2020      **DRAWN:** G.E      **SCALE:** NTS





**NOTES**

General site clearance works will take place across the main development site as necessary during Phase 1  
 Security fencing will be installed where necessary during Phase 1 to secure the perimeter of the site

**KEY**

- Sizewell C Main Development Site Boundary
- Demarcation Line
- Area of Main Construction Activity
- Approximate Location of Site Access Roads
- Approximate Location of Site Haul Roads
- Approximate Location of Rail Route
- Lover's Lane Realignment
- Approximate Location of Acoustic Fence / Bund
- Site Access
- Hard Coastal Defence Feature
- Approximate Location of Southern Bund

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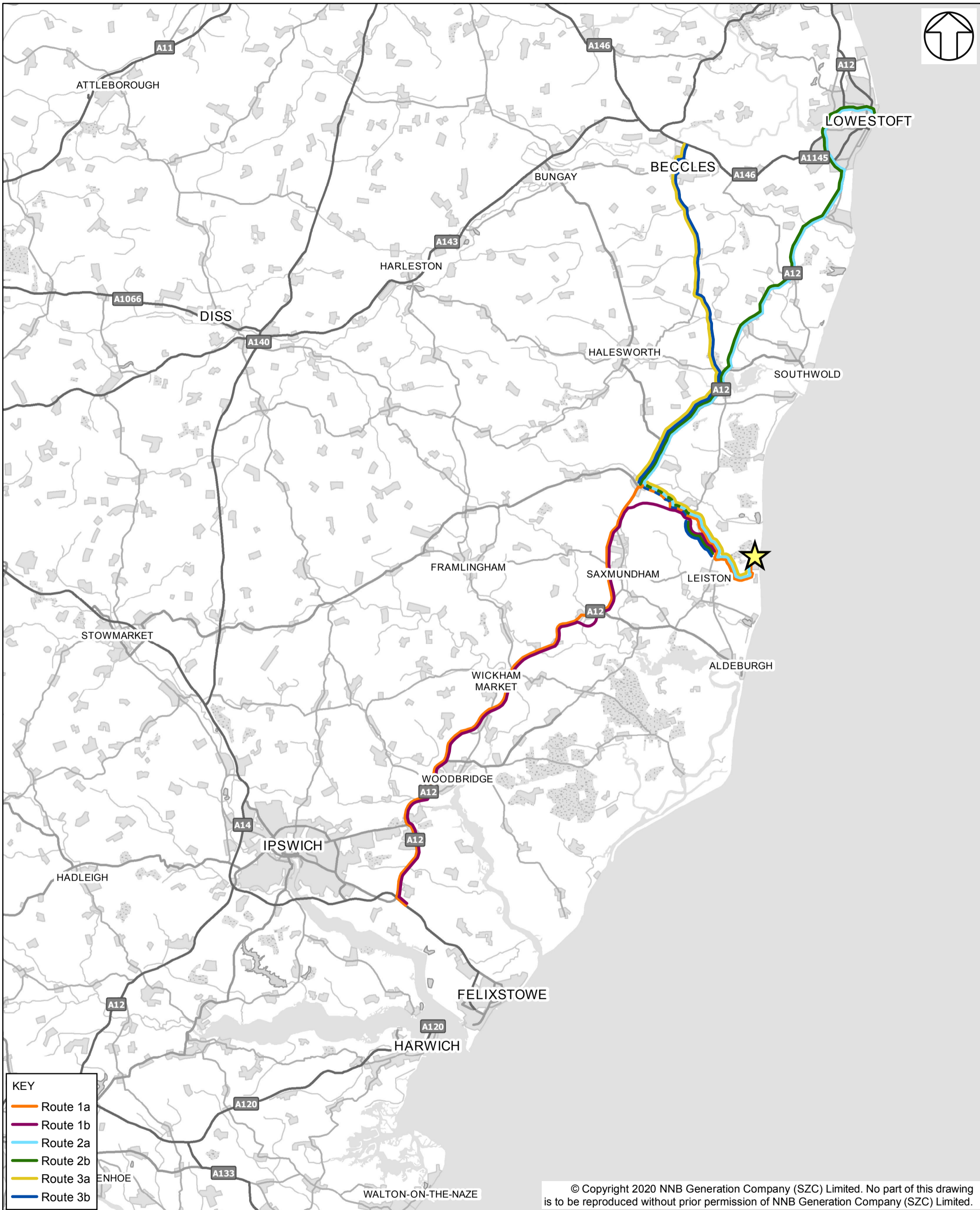
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 SIZEWELL C  
 ENVIRONMENTAL STATEMENT  
 VOLUME 2  
 CHAPTER 3  
 DESCRIPTION OF CONSTRUCTION

DRAWING TITLE:  
 MAIN DEVELOPMENT SITE  
 PHASE 5: COMMISSIONING AND LAND  
 RESTORATION  
 (YEARS 10 - 12)

DRAWING NO:  
 FIGURE 3.6

DATE: JAN 2020      DRAWN: G.E      SCALE: NTS





KEY	
	Route 1a
	Route 1b
	Route 2a
	Route 2b
	Route 3a
	Route 3b

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**DRAWING TITLE:**  
 PROPOSED HGV ROUTES TO AND FROM MAIN DEVELOPMENT SITE

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**DRAWING NO.:**  
 FIGURE 3.7

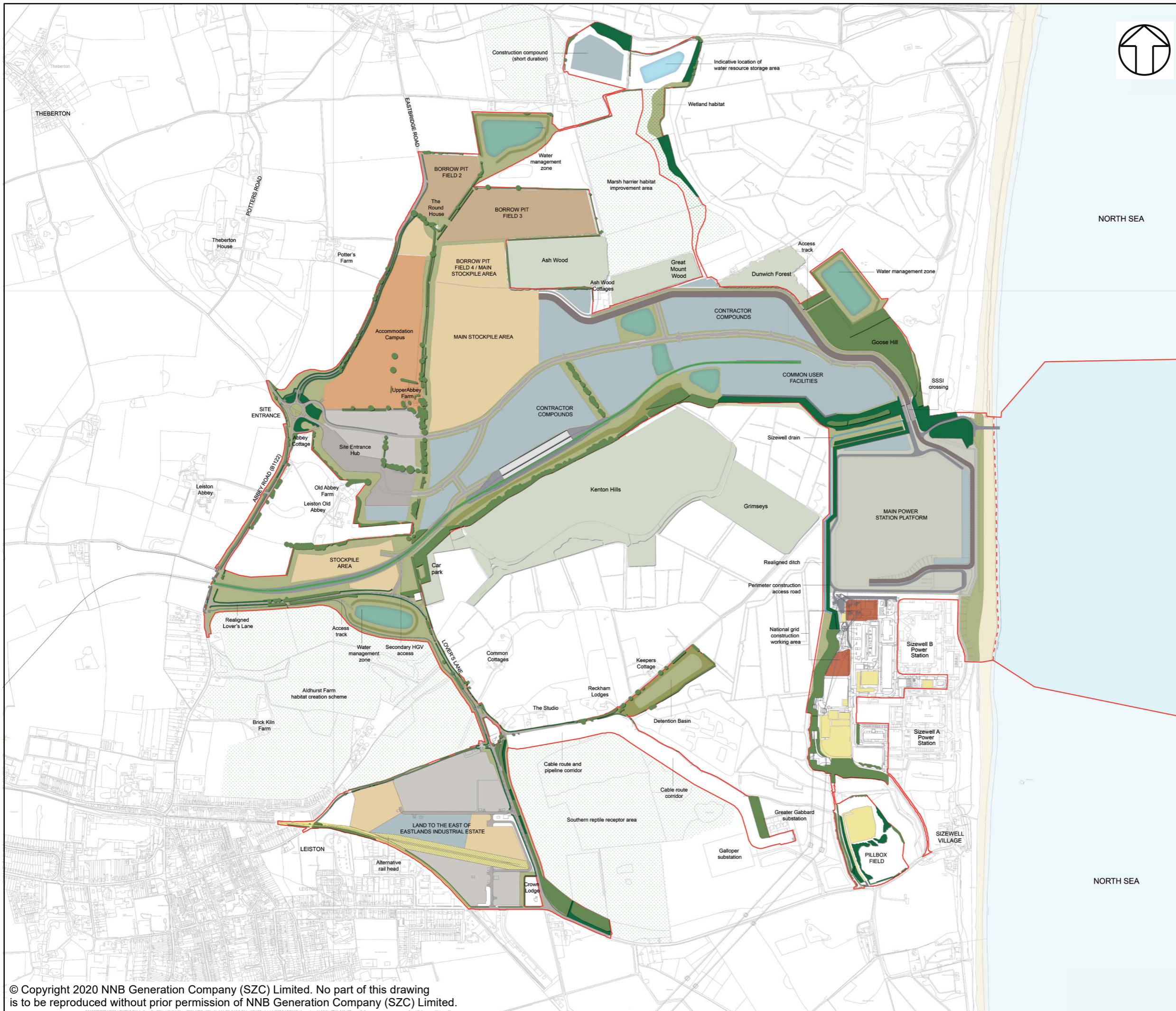
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**DOCUMENT:**  
 SIZEWELL C ENVIRONMENTAL STATEMENT  
 VOLUME 2  
 CHAPTER 3  
 DESCRIPTION OF DEVELOPMENT - CONSTRUCTION

**SCALE BAR**  
 0 2,200 4,400 6,600 8,800 11,000 M







**NOTES**

**KEY**

- Sizewell C Main Development Site Boundary
- Demarcation Line
- Main Land Uses**
- Main Power Station Platform
- Contractor Compounds
- National Grid Construction Working Area
- Materials Storage Areas
- Borrow Pit Areas
- Accommodation Campus
- Site Entrance Hub
- Water Management Zone
- Relocated facilities construction areas
- Site Infrastructure**
- Access Road
- Haul Road
- Rail Head
- Rail Route and Corridor
- Other 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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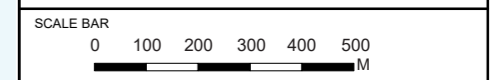


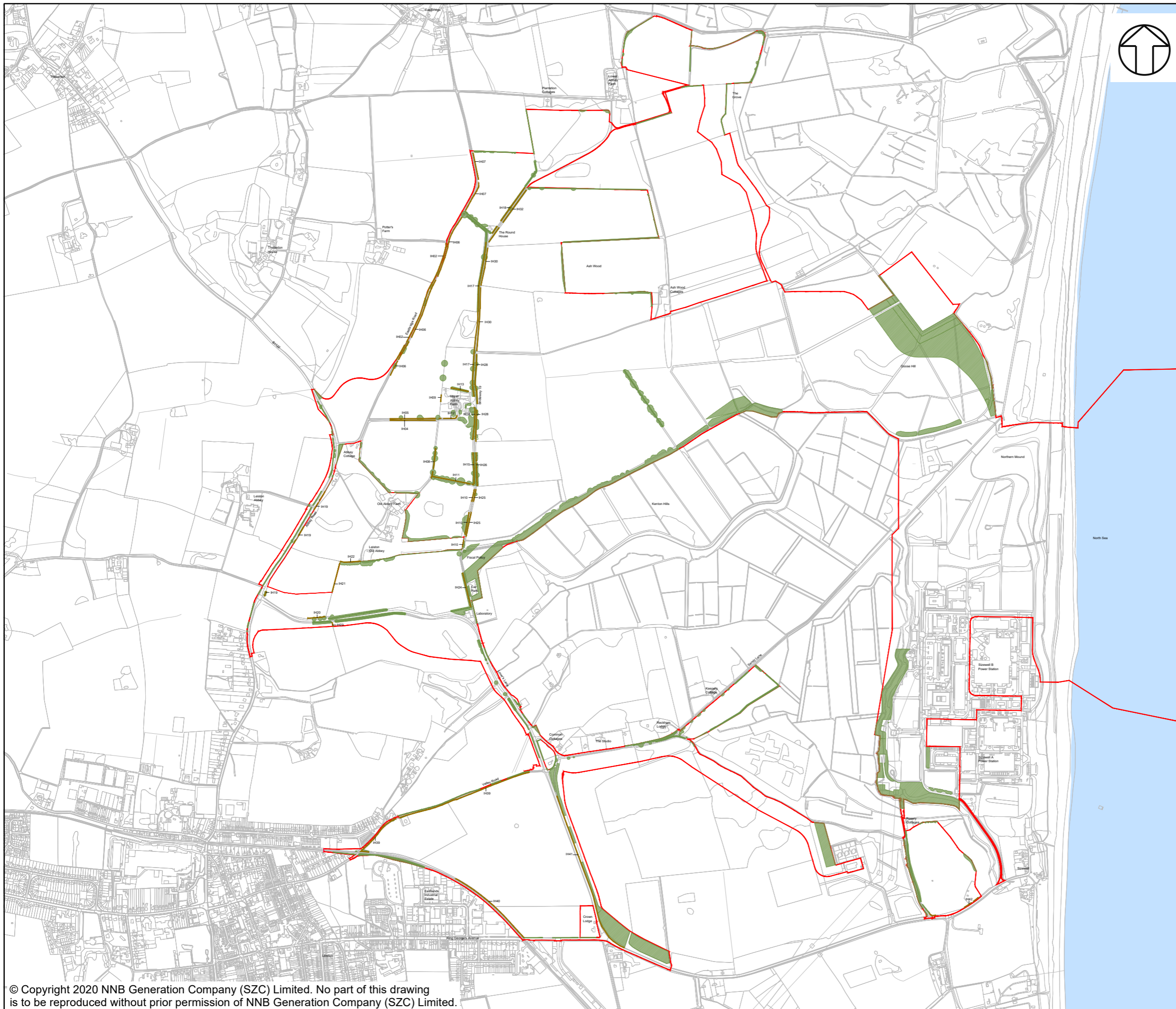
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 VOLUME 2  
 CHAPTER 3  
 DESCRIPTION OF CONSTRUCTION

**DRAWING TITLE:**  
 MAIN DEVELOPMENT SITE  
 CONSTRUCTION MASTERPLAN  
 ILLUSTRATIVE - FOR INFORMATION

**DRAWING NO.:**  
 FIGURE 3.8

**DATE:** JAN 2020      **DRAWN:** S.M      **SCALE:** NTS





**NOTES**

**KEY**

- Sizewell C Main Development Site Boundary
- Important hedgerow including hedgerow trees (Hedgerows Regulations 1997) to be retained
- Other hedgerow including hedgerow trees to be retained
- Mixed woodland / trees to be retained

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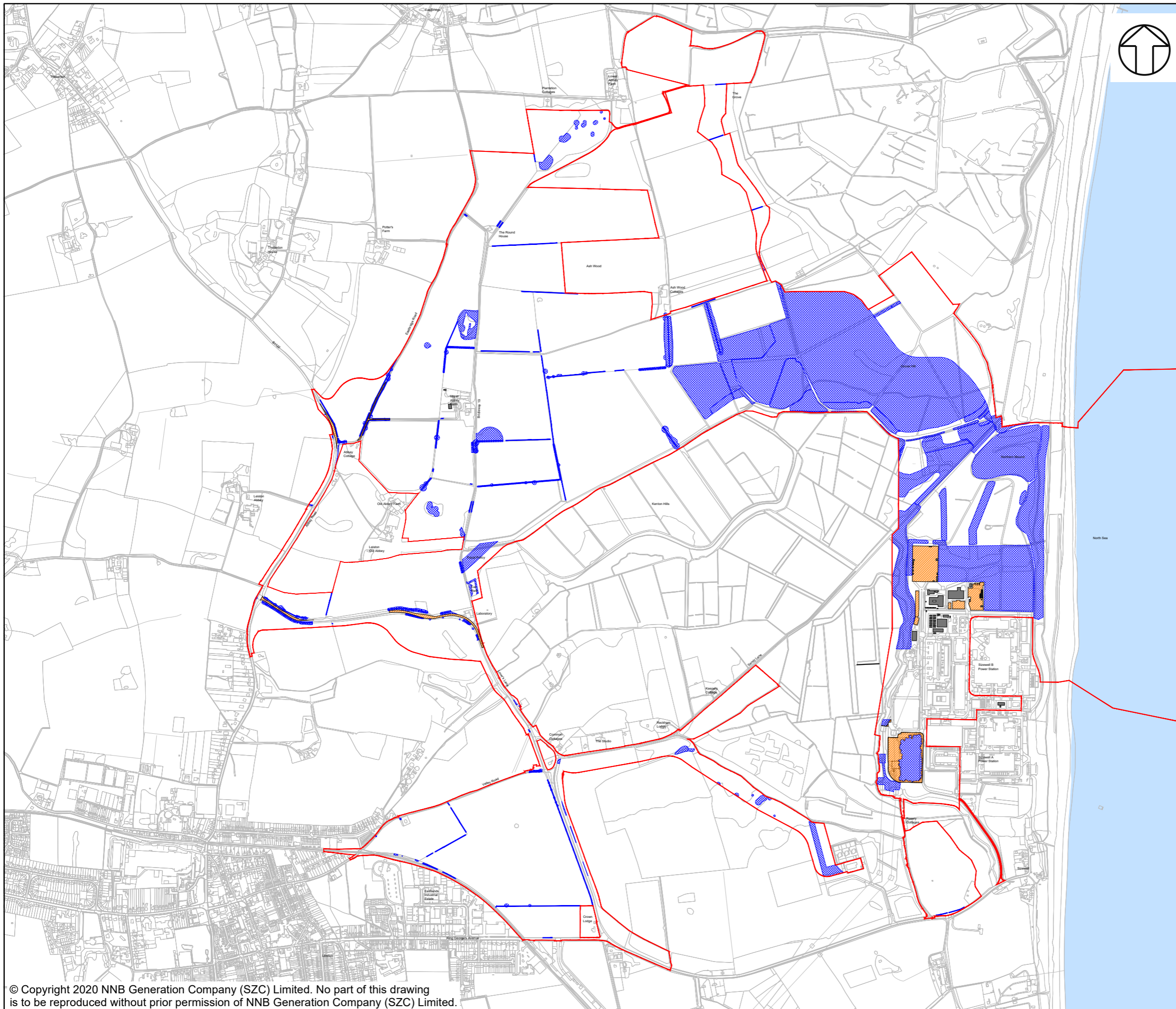
**DOCUMENT:**  
 SIZEWELL C  
 ENVIRONMENTAL STATEMENT  
 VOLUME 2  
 CHAPTER 3  
 DESCRIPTION OF CONSTRUCTION

**DRAWING TITLE:**  
 MAIN DEVELOPMENT SITE  
 LANDSCAPE RETENTION PLAN

**DRAWING NO.:**  
 FIGURE 3.9

**DATE:** JAN 2020      **DRAWN:** G.E      **SCALE:** NTS





**NOTES**

**KEY**

- Sizewell C Main Development Site Boundary
- Hedgerow including hedgerow trees to be removed
- Mixed woodland / trees to be removed
- Buildings to be demolished
- Road / surface to be broken out / removed

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**DOCUMENT:**  
 SIZEWELL C  
 ENVIRONMENTAL STATEMENT  
 VOLUME 2  
 CHAPTER 3  
 DESCRIPTION OF CONSTRUCTION

**DRAWING TITLE:**  
 MAIN DEVELOPMENT SITE  
 SITE CLEARANCE PLAN

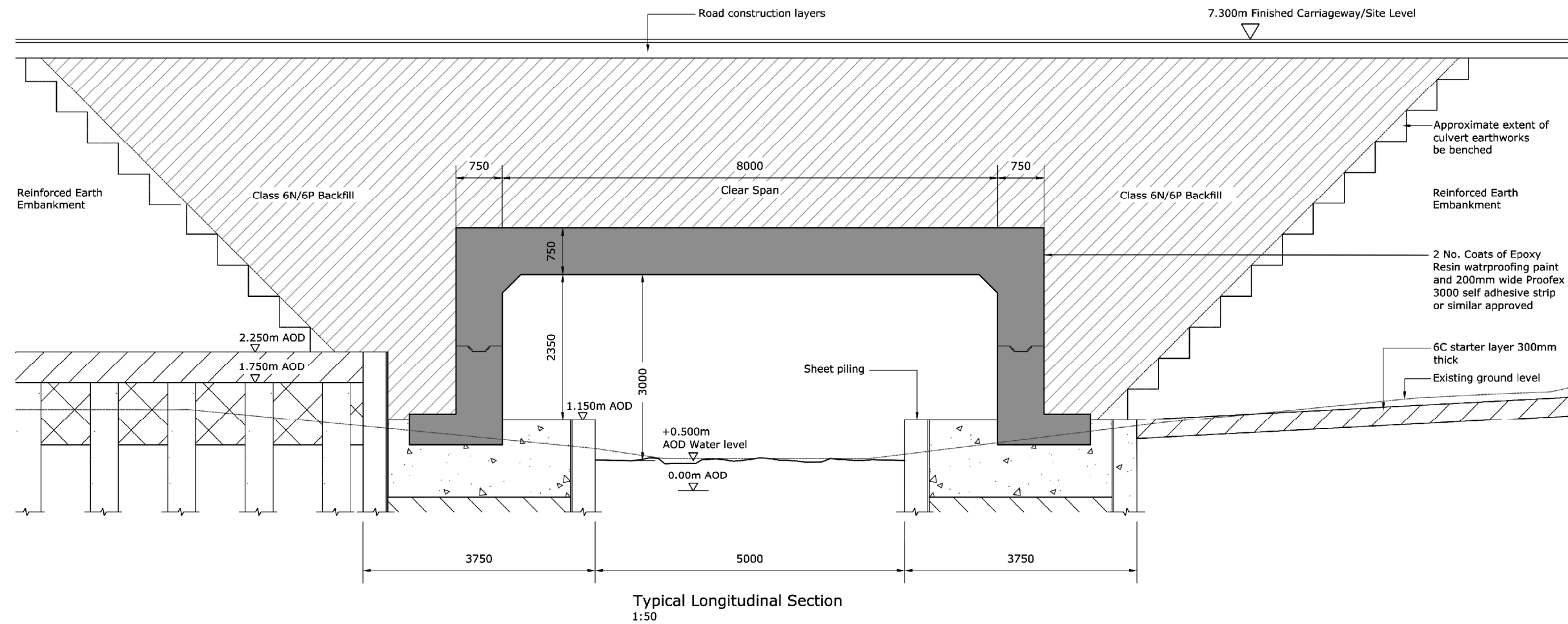
**DRAWING NO.:**  
 FIGURE 3.10

**DATE:** JAN 2020      **DRAWN:** G.E      **SCALE:** NTS



NOTES

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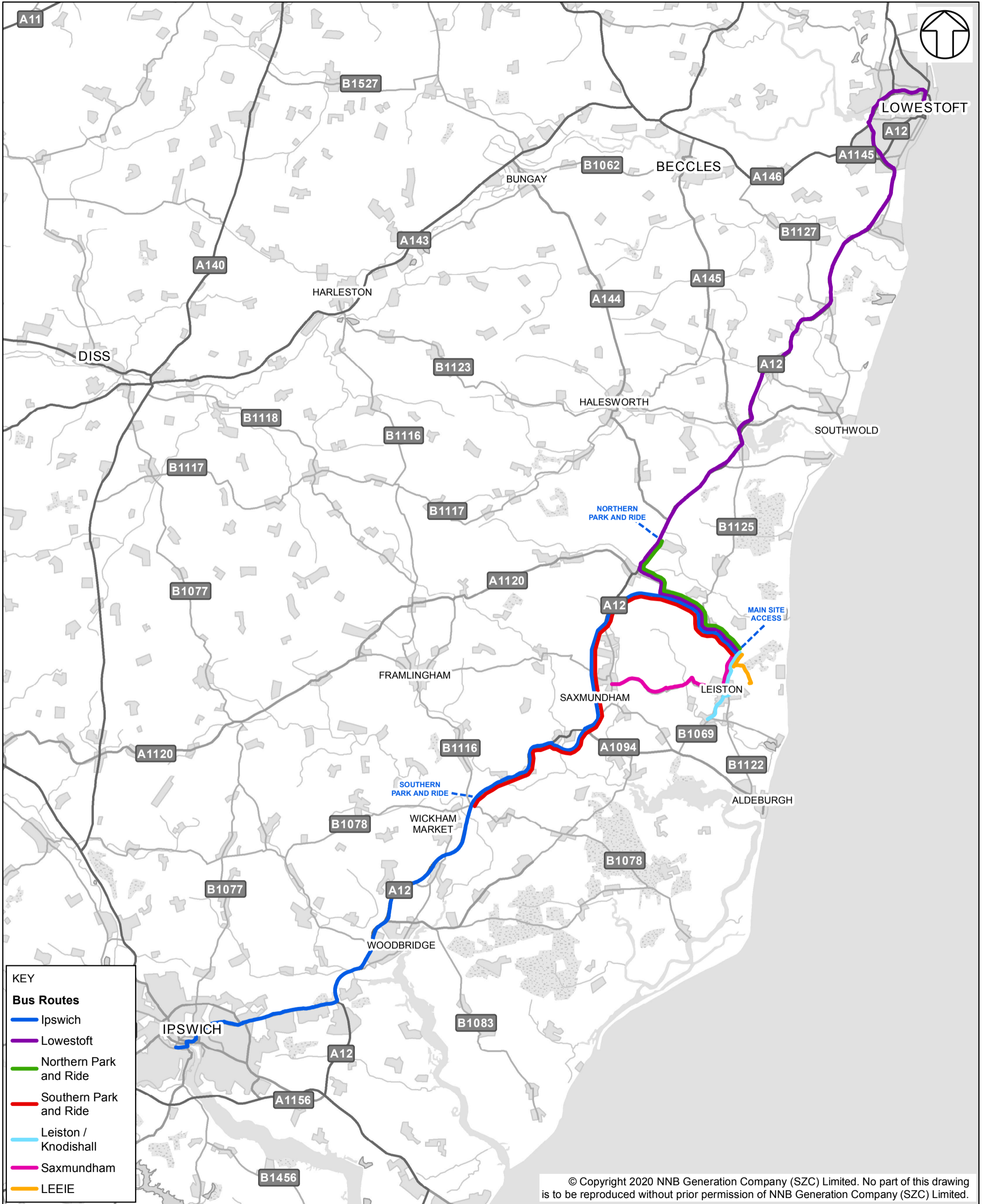
DOCUMENT:  
SIZEWELL C  
ENVIRONMENTAL STATEMENT  
VOLUME 2  
CHAPTER 3  
DESCRIPTION OF CONSTRUCTION

DRAWING TITLE:  
SIZEWELL DRAIN AND SSSI CROSSING  
TYPICAL CROSS-SECTION

DRAWING NO:  
FIGURE 3.11

DATE: JAN 2020 DRAWN: J.W. SCALE: NTS

SCALE BAR  
NOT TO SCALE



**KEY**

**Bus Routes**

- Ipswich
- Lowestoft
- Northern Park and Ride
- Southern Park and Ride
- Leiston / Knodishall
- Saxmundham
- LEEIE

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**DRAWING TITLE:**  
 PROPOSED SIZEWELL C BUS ROUTES - PEAK CONSTRUCTION

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**DRAWING NO.:**  
 FIGURE 3.12

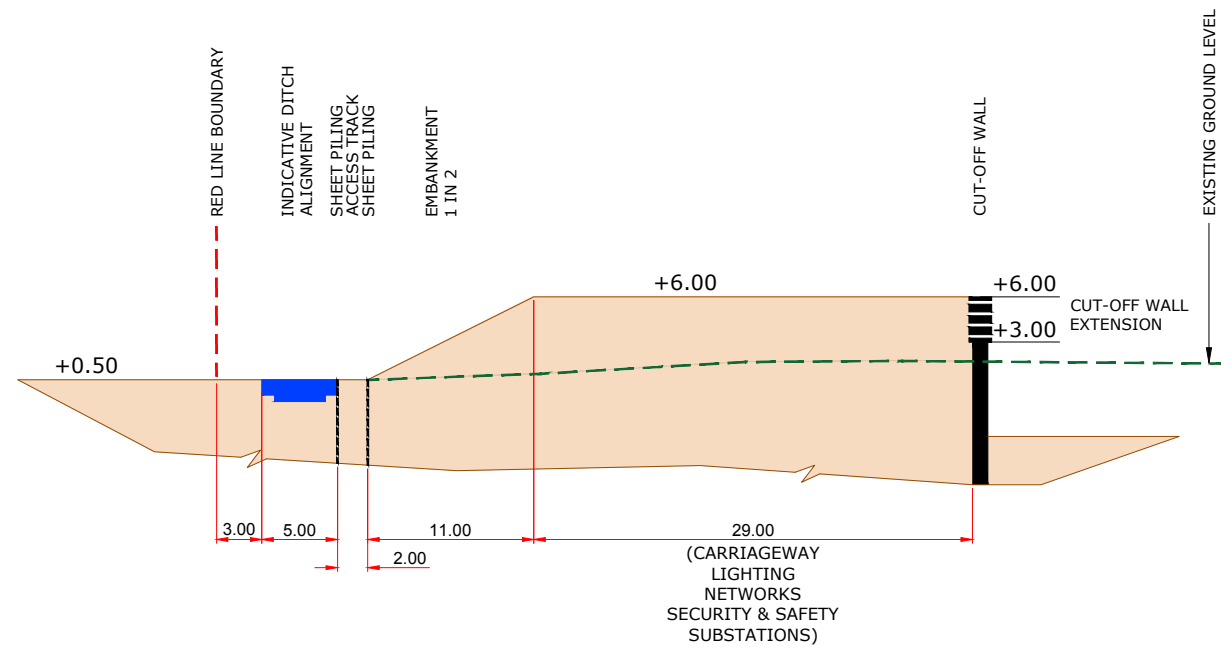
<b>DATE:</b> JAN 2020	<b>DRAWN:</b> J.W.	<b>SCALE:</b> 1:180,000 @A3
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**DOCUMENT:**  
 SIZEWELL C ENVIRONMENTAL STATEMENT  
 VOLUME 2  
 CHAPTER 3  
 DESCRIPTION OF DEVELOPMENT - CONSTRUCTION

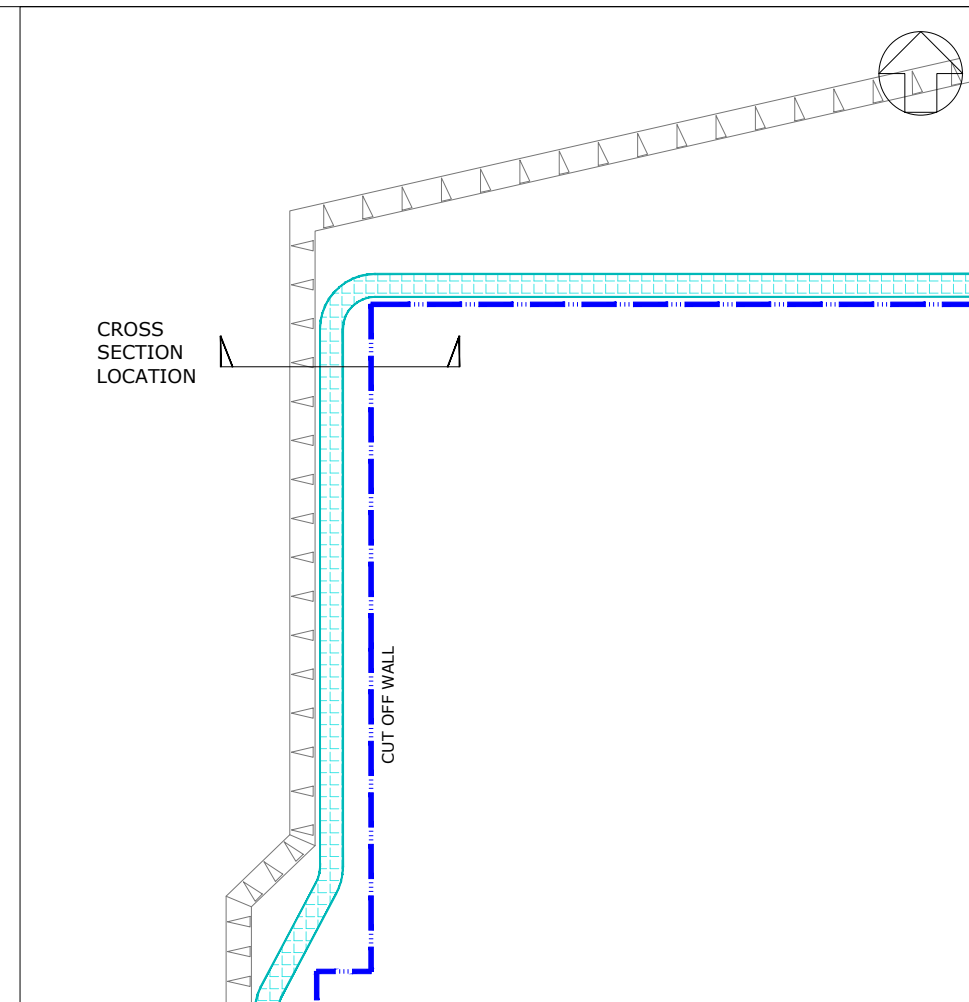
**SCALE BAR**

0 1,750 3,500 5,250 7,000 8,750 M





CONSTRUCTION SITE - PROPOSED NW CORNER CROSS SECTION



CONSTRUCTION SITE PLOT PLAN (PART)

NOTES:

KEY:

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DOCUMENT:

SIZEWELL C  
ENVIRONMENTAL STATEMENT  
VOLUME 2 - CHAPTER 3  
DESCRIPTION OF CONSTRUCTION

DRAWING TITLE:

MAIN DEVELOPMENT SITE  
SIZEWELL DRAIN & MAIN PLATFORM  
TYPICAL CROSS-SECTION (CONSTRUCTION)  
ILLUSTRATIVE - FOR INFORMATION

DRAWING NO:

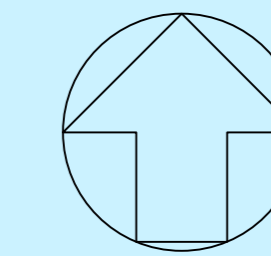
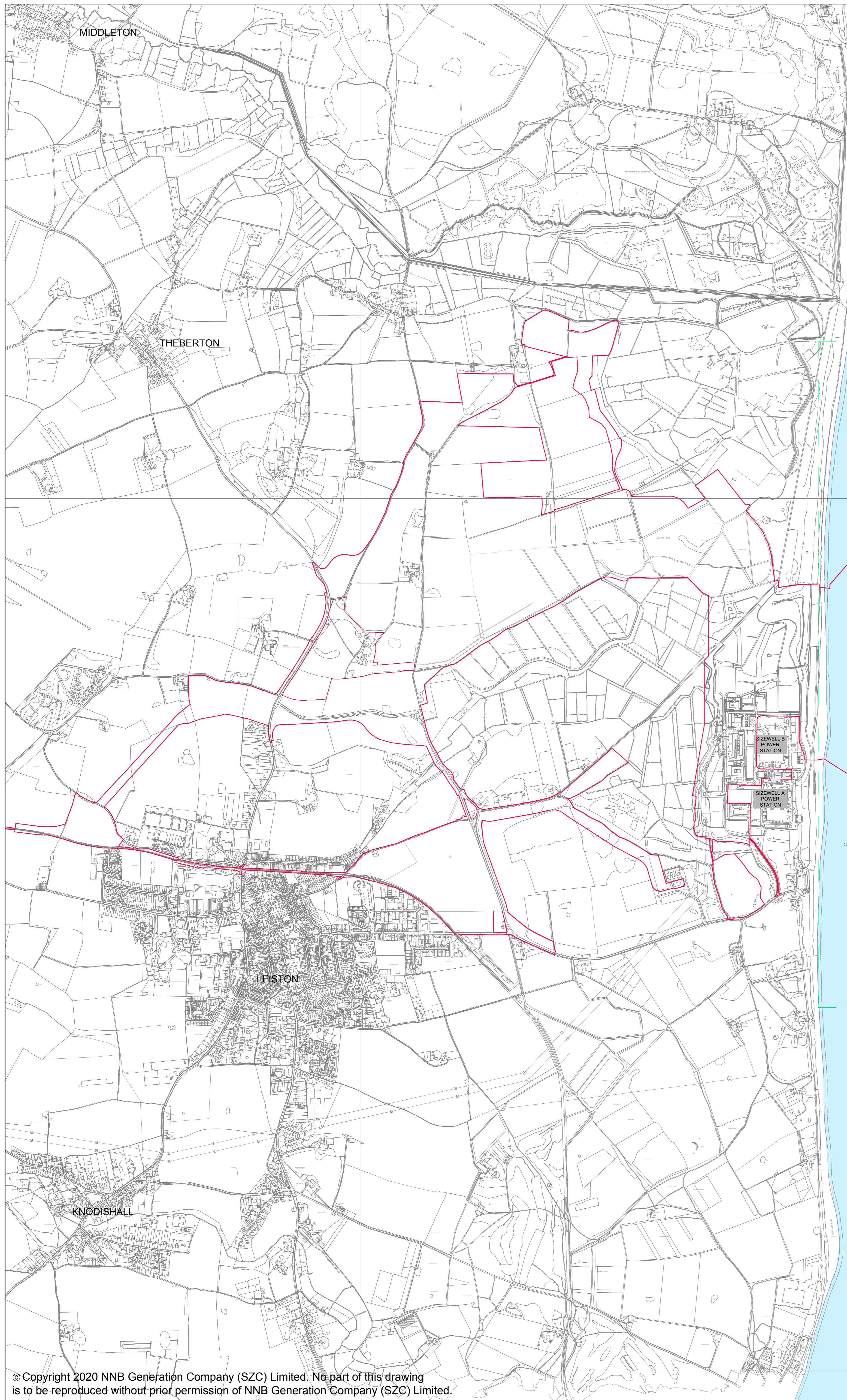
FIGURE 3.13

DATE:  
JAN 2020

DRAWN:  
SB

SCALE:  
VARIES

SCALE BAR:



**NOTES:**

1. ORDNANCE SURVEY MASTERMAP DATA ADOPTED AS DRAWING BACKGROUND DATA.

**KEY:**

- SIZEWELL C MAIN DEVELOPMENT SITE BOUNDARY
- HARBOUR LIMITS

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**DOCUMENT:**  
 SIZEWELL C  
 VOLUME 2 - CHAPTER 3  
 DESCRIPTION OF CONSTRUCTION

**DRAWING TITLE:**  
 MAIN DEVELOPMENT SITE  
 DEFINED HARBOUR AREA

**DRAWING NO:**  
 FIGURE 3.14

<b>DATE:</b> JAN 2020	<b>DRAWN:</b> SB	<b>SCALE:</b> 1:10000@A0
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