



The Sizewell C Project

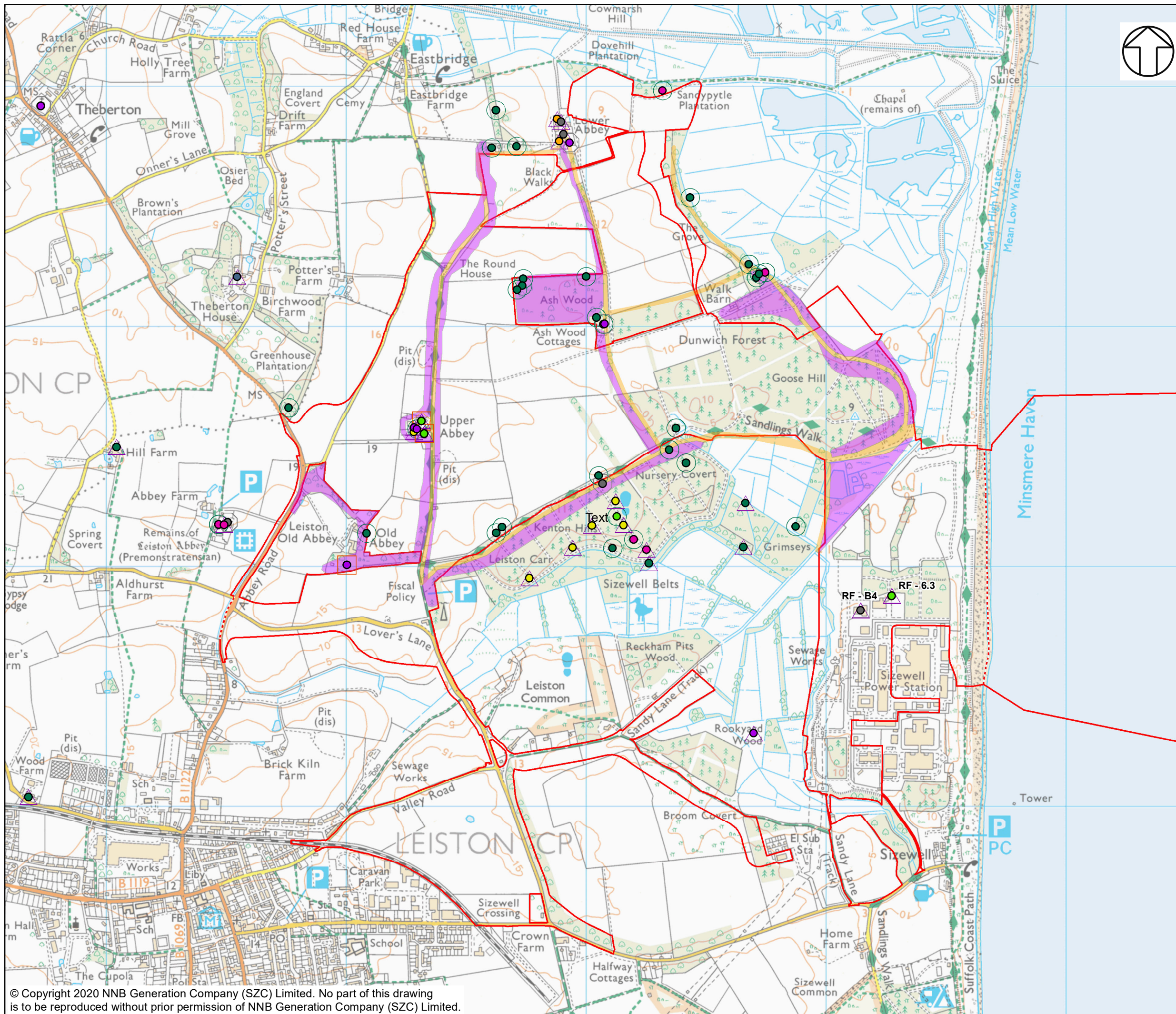
6.3 Volume 2 Main Development Site Chapter 14 Terrestrial Ecology and Ornithology Appendix 14C1A Bat Mitigation Strategy Figures 14C1A.1 - 14C1A.14

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

May 2020

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





NOTES

ROOSTS FROM THE LOCATIONS RF-B4 AND RF-6.3 ARE MITIGATED AS A COMPONENT OF THE RELOCATED FACILITIES PROJECT, AND ARE NOT CONSIDERED WITHIN THE MDS ASSESSMENTS.

KEY

- SIZEWELL C MAIN DEVELOPMENT SITE BOUNDARY
- DEMARCATION LINE
- SPECIES**
- BARBASTELLE
- BROWN LONG EARED BAT
- COMMON PIPISTRELLE
- DAUBENTON'S
- NATTERER'S
- PIPISTRELLUS SPP.
- SEROTINE
- SOPRANO PIPISTRELLE
- UNKNOWN
- ROOST TYPE**
- MATERNITY
- DAY ROOST
- HIBERNATION
- BAT MATING
- UNKNOWN
- AREAS ASSESSED AS IMPORTANT FOR FORAGING
- AREAS IDENTIFIED AS BEING KEY COMMUTING ROUTES

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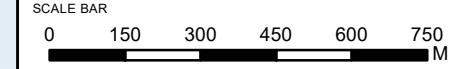


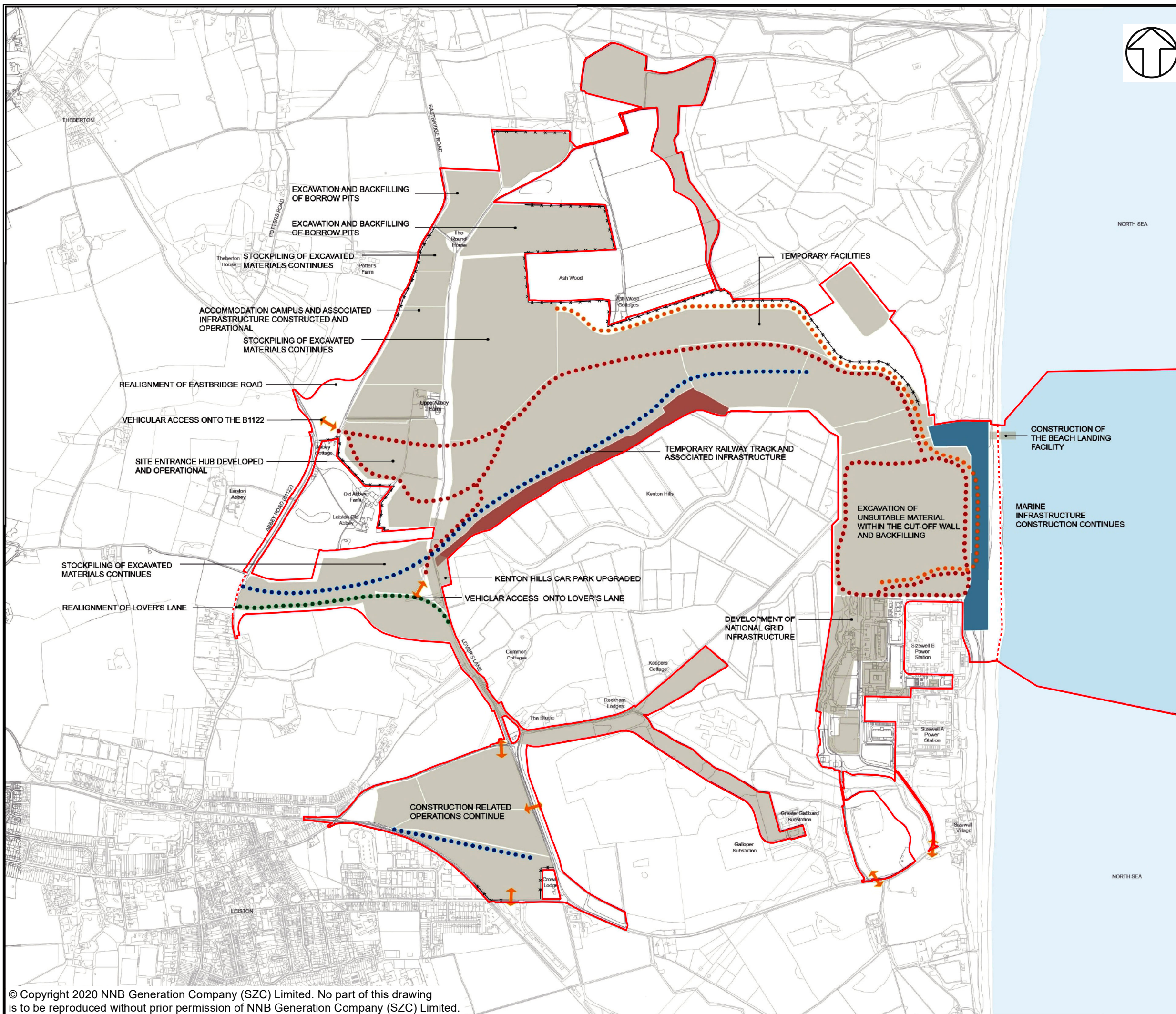
DOCUMENT:
 SIZEWELL C
 ENVIRONMENTAL STATEMENT
 VOLUME 2
 APPENDIX 14C1A
 BAT MITIGATION STRATEGY

DRAWING TITLE:
 LOCATION OF BAT ROOSTS AND IMPORTANT FORAGING/ COMMUTING AREAS

DRAWING NO:
 FIGURE 14C1A.1

DATE: JAN 2020 **DRAWN:** R.G. **SCALE:** 1:15,000 @A3





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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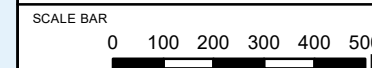


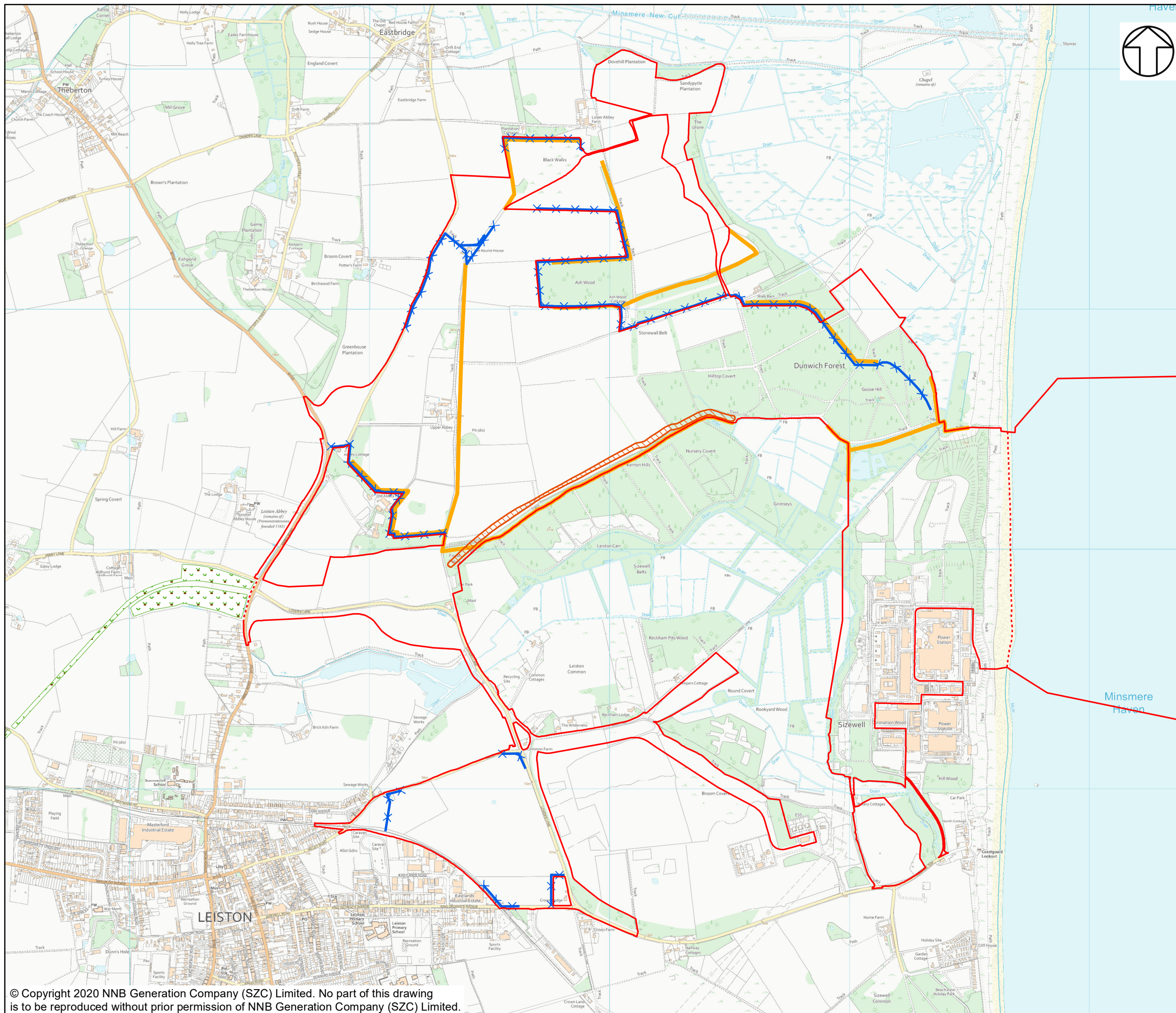
DOCUMENT:
 SIZEWELL C
 ENVIRONMENTAL STATEMENT
 VOLUME 2
 APPENDIX 14C1A
 BAT MITIGATION STRATEGY

DRAWING TITLE:
 CONSTRUCTION AT MAXIMUM IMPACT DURING
 PHASE 2 OF THE DEVELOPMENT

DRAWING NO:
 FIGURE 14C1A.3

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





NOTES

KEY

- SIZEWELL C MAIN DEVELOPMENT SITE BOUNDARY
- DEMARCATION LINE
- EARTH BUND
- GRASSED BUND
- NOISE MITIGATION FENCE
- LIGHT CONTROL AREA / DARK CORRIDORS

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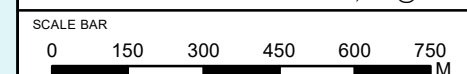


DOCUMENT:
 SIZEWELL C
 ENVIRONMENTAL STATEMENT
 VOLUME 2
 APPENDIX 14C1A
 BAT MITIGATION STRATEGY

DRAWING TITLE:
 NOISE AND LIGHTING MITIGATION MEASURES

DRAWING NO.:
 FIGURE 14C1A.4

DATE: JAN 2020 **DRAWN:** R.G. **SCALE:** 1:15,000 @A3





NOTES

ROOSTS FROM THE LOCATIONS RF-B4 AND RF-6.3 ARE MITIGATED AS A COMPONENT OF THE RELOCATED FACILITIES PROJECT, AND ARE NOT CONSIDERED WITHIN THE MDS ASSESSMENTS.

KEY

SIZEWELL C MAIN DEVELOPMENT SITE BOUNDARY

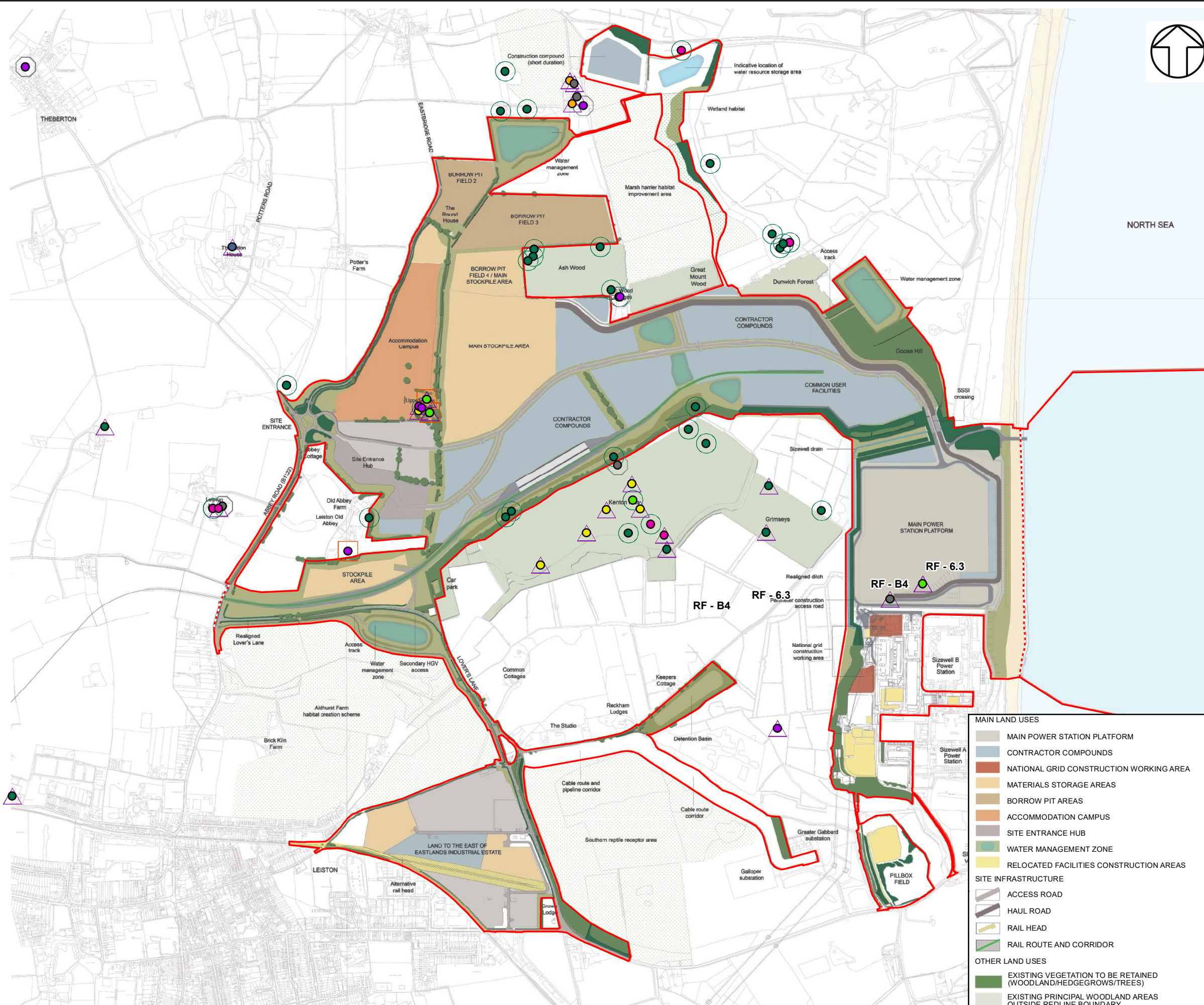
DEMARCATION LINE

SPECIES

- BARBASTELLE
- BROWN LONG EARED BAT
- COMMON PIPISTRELLE
- DAUBENTON'S
- NATTERER'S
- PIPISTRELLUS SPP.
- SEROTINE
- SOPRANO PIPISTRELLE
- UNKNOWN

ROOST TYPE

- MATERNITY
- DAY ROOST
- HIBERNATION
- BAT MATING
- UNKNOWN



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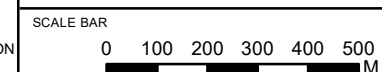


DOCUMENT:
SIZEWELL C
ENVIRONMENTAL STATEMENT
VOLUME 2
APPENDIX 14C1A
BAT MITIGATION STRATEGY

DRAWING TITLE:
MAXIMUM IMPACT AT PHASE 2 OF THE
DEVELOPMENT WITH RETAINED ROOSTS
AND IMPORTANT FORAGING/ COMMUTING
AREAS OVERLAID

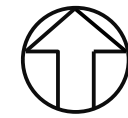
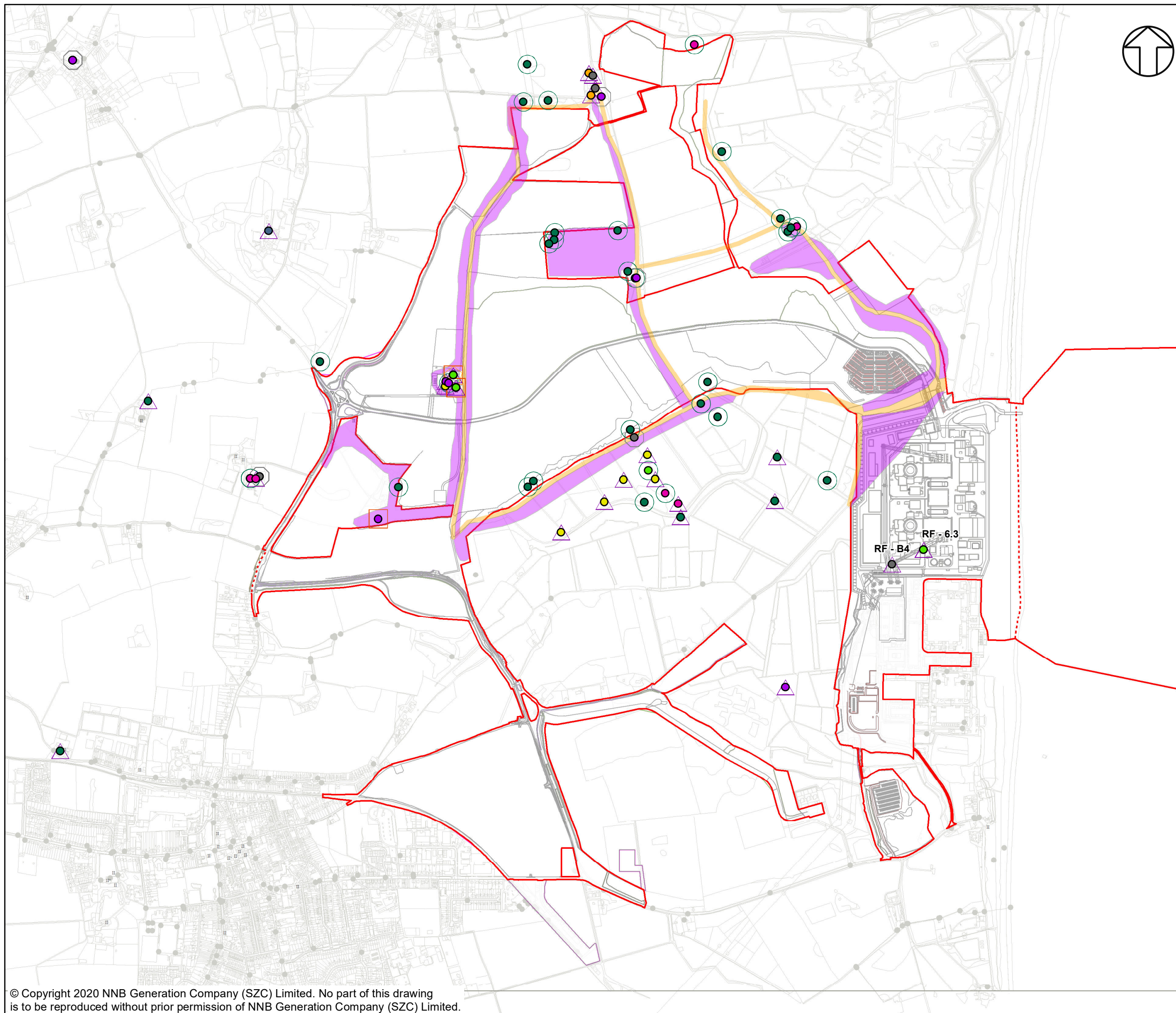
DRAWING NO:
FIGURE 14C1A.6

DATE: JAN 2020 DRAWN: R.G. SCALE: 1:15,000 @A3



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



NOTES

ROOSTS FROM THE LOCATIONS RF-B4 AND RF-6.3 ARE MITIGATED AS A COMPONENT OF THE RELOCATED FACILITIES PROJECT, AND ARE NOT CONSIDERED WITHIN THE MDS ASSESSMENTS.

KEY

SPECIES

- BARBASTELLE
- BROWN LONG EARED BAT
- COMMON PIPISTRELLE
- DAUBENTON'S
- NATTERER'S
- PIPISTRELLUS SPP.
- SEROTINE
- SOPRANO PIPISTRELLE
- UNKNOWN

ROOST TYPE

- MATERNITY
- △ DAY ROOST
- HIBERNATION
- ◇ BAT MATING
- UNKNOWN

- SIZEWELL C MAIN DEVELOPMENT SITE BOUNDARY
- - - DEMARCATION LINE
- AREAS ASSESSED AS IMPORTANT FOR FORAGING (INDICATIVE)
- AREAS IDENTIFIED AS BEING KEY COMMUTING ROUTES (INDICATIVE)

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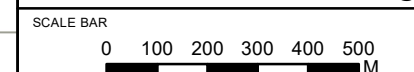


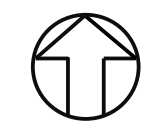
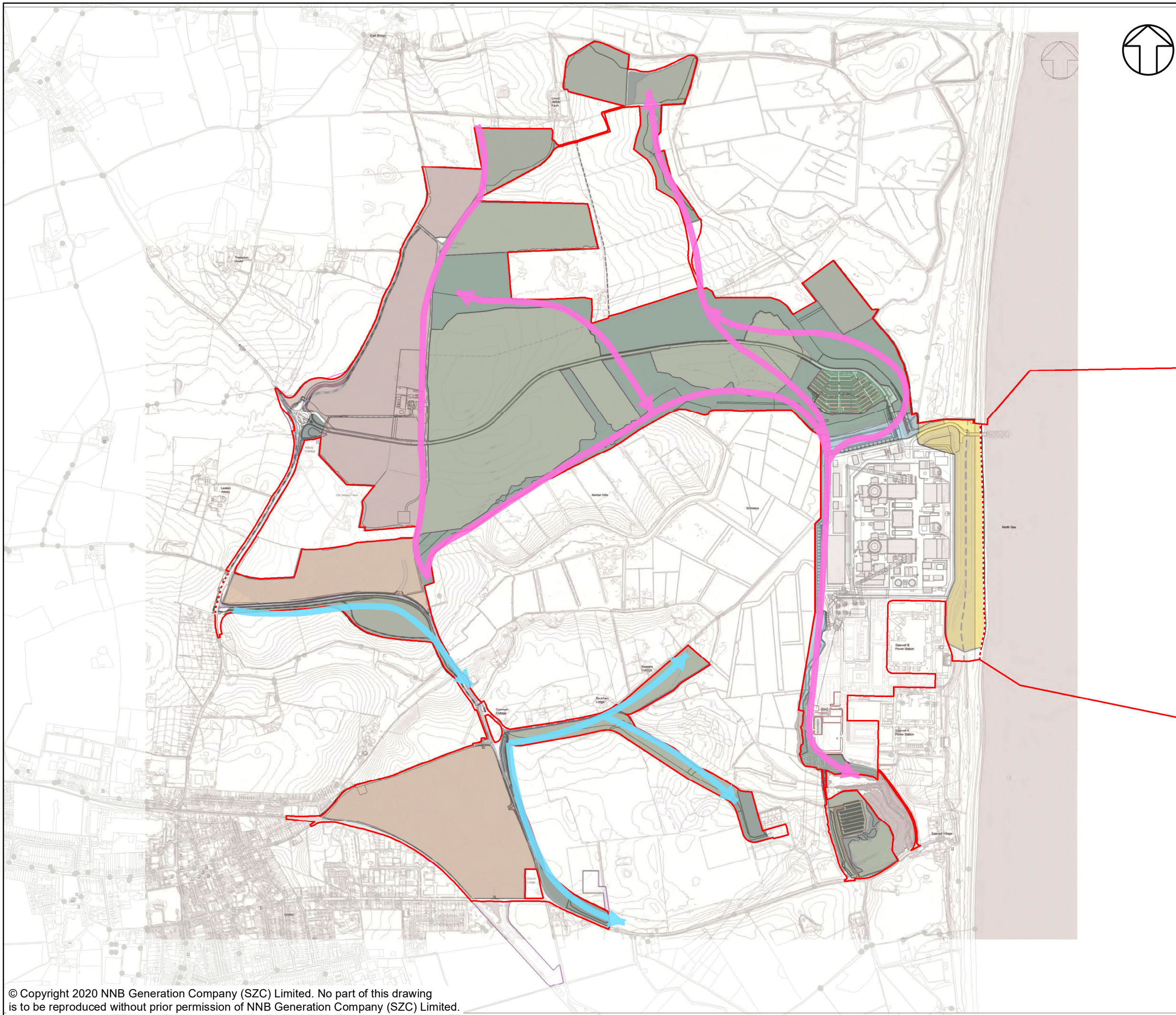
DOCUMENT:
 SIZEWELL C
 ENVIRONMENTAL STATEMENT
 VOLUME 2
 APPENDIX 14C1A
 BAT MITIGATION STRATEGY

DRAWING TITLE:
 OPERATIONAL PHASE OF THE DEVELOPMENT
 WITH RETAINED ROOSTS AND FORAGING/
 COMMUTING AREAS OVERLAID

DRAWING NO:
 FIGURE 14C1A.7

DATE: JAN 2020 DRAWN: R.G. SCALE: 1:15,000 @A3





NOTES

KEY

- SIZEWELL C MAIN DEVELOPMENT SITE BOUNDARY
- - - DEMARCATION LINE
- AREAS WHERE KEY FORAGING AND COMMUTING ROUTES HAVE BEEN RETAINED (INDICATIVE)
- AREAS IDENTIFIED FOR ENHANCEMENT TO IMPROVE CONNECTIVITY FOR BATS (INDICATIVE)

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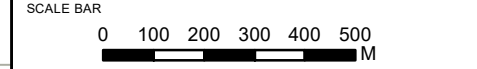


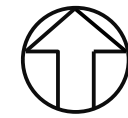
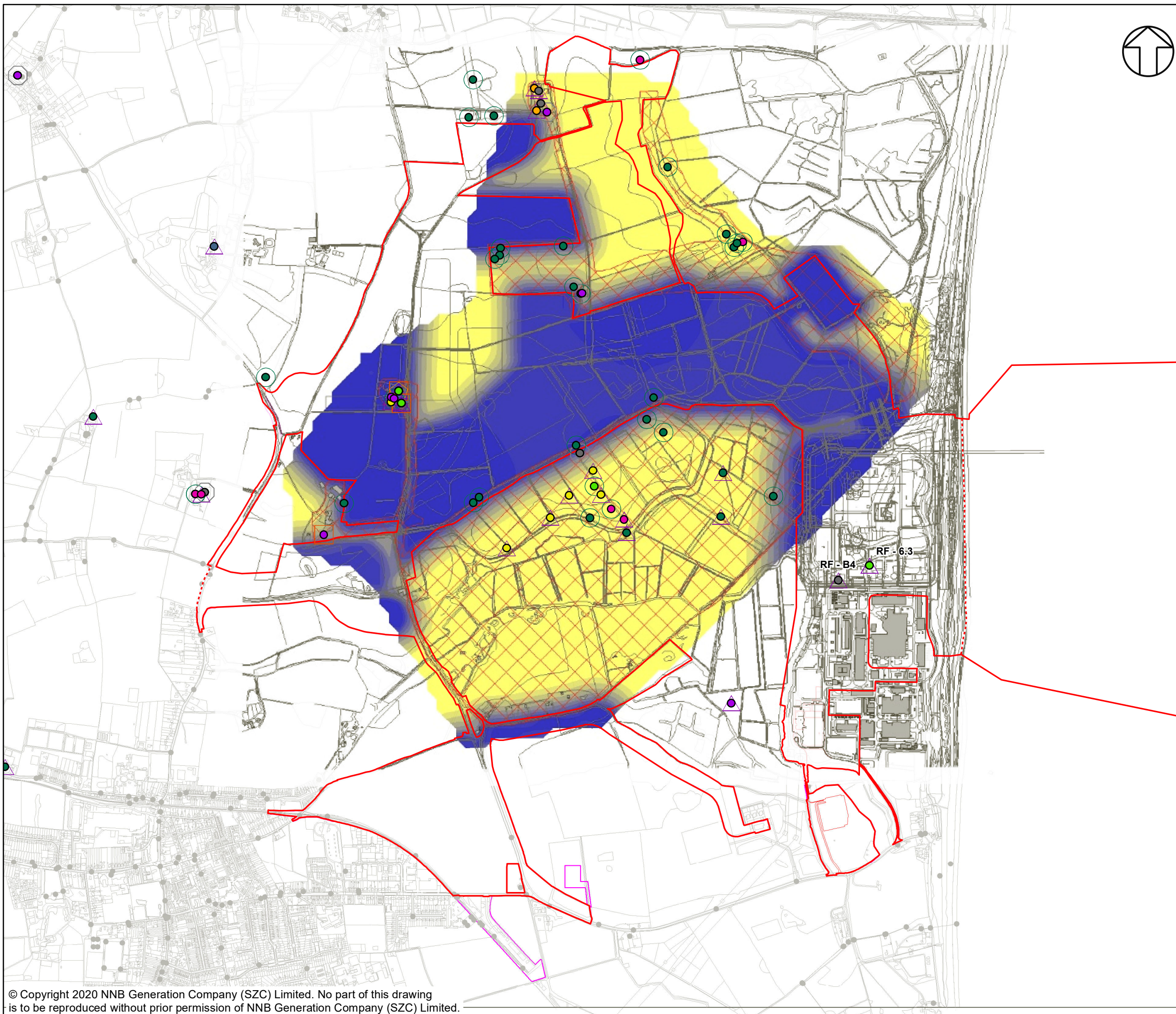
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 SIZEWELL C
 ENVIRONMENTAL STATEMENT
 VOLUME 2
 APPENDIX 14C1A
 BAT MITIGATION STRATEGY

DRAWING TITLE:
 OPERATIONAL PHASE OF THE DEVELOPMENT
 WITH ENHANCED BAT COMMUTING CORRIDORS
 OVERLAID (INDICATIVE)

DRAWING NO.:
 FIGURE 14C1A.8

DATE: JAN 2020 **DRAWN:** P.S. **SCALE:** 1:15,000 @A3





NOTES

ROOSTS FROM THE LOCATIONS RF-B4 AND RF-6.3 ARE MITIGATED AS A COMPONENT OF THE RELOCATED FACILITIES PROJECT, AND ARE NOT CONSIDERED WITHIN THE MDS ASSESSMENTS.

KEY

— SIZEWELL C MAIN DEVELOPMENT SITE BOUNDARY

- - - - DEMARCATION LINE

SPECIES

- BARBASTELLE
- BROWN LONG EARED BAT
- COMMON PIPISTRELLE
- DAUBENTON'S
- NATTERER'S
- PIPISTRELLUS SPP.
- SEROTINE
- SOPRANO PIPISTRELLE
- UNKNOWN

ROOST TYPE

- MATERNITY
- △ DAY ROOST
- HIBERNATION
- ◇ BAT MATING
- ⬡ UNKNOWN

NOISE LEVEL LMAX (DB)

Lightest Yellow	<= 30
Yellow	30 - 35
Light Green	35 - 40
Green	40 - 45
Dark Green	45 - 50
Blue-Green	50 - 55
Blue	55 - 60
Dark Blue	60 - 65
Very Dark Blue	65 - 70
Black	> 70

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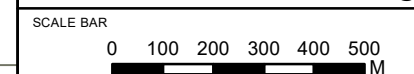


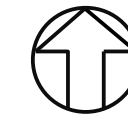
DOCUMENT:
 SIZEWELL C
 ENVIRONMENTAL STATEMENT
 VOLUME 2
 APPENDIX 14C1A
 BAT MITIGATION STRATEGY

DRAWING TITLE:
 LOCATION OF BAT ROOSTS WITH NOISE
 CONTOURS OVERLAID

DRAWING NO:
 FIGURE 14C1A.9

DATE: JAN 2020 DRAWN: R.G. SCALE: 1:15,000 @A3





NOTES

KEY

- SIZEWELL C MAIN DEVELOPMENT SITE BOUNDARY
- - - DEMARCATION LINE
- AREAS ASSESSED AS IMPORTANT FOR FORAGING (INDICATIVE)
- AREAS IDENTIFIED AS BEING KEY COMMUTING ROUTES (INDICATIVE)

NOISE LEVEL LMAX (DB)

■	<= 30
■	30 - 35
■	35 - 40
■	40 - 45
■	45 - 50
■	50 - 55
■	55 - 60
■	60 - 65
■	65 - 70
■	> 70

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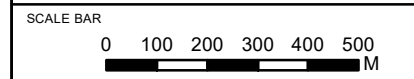


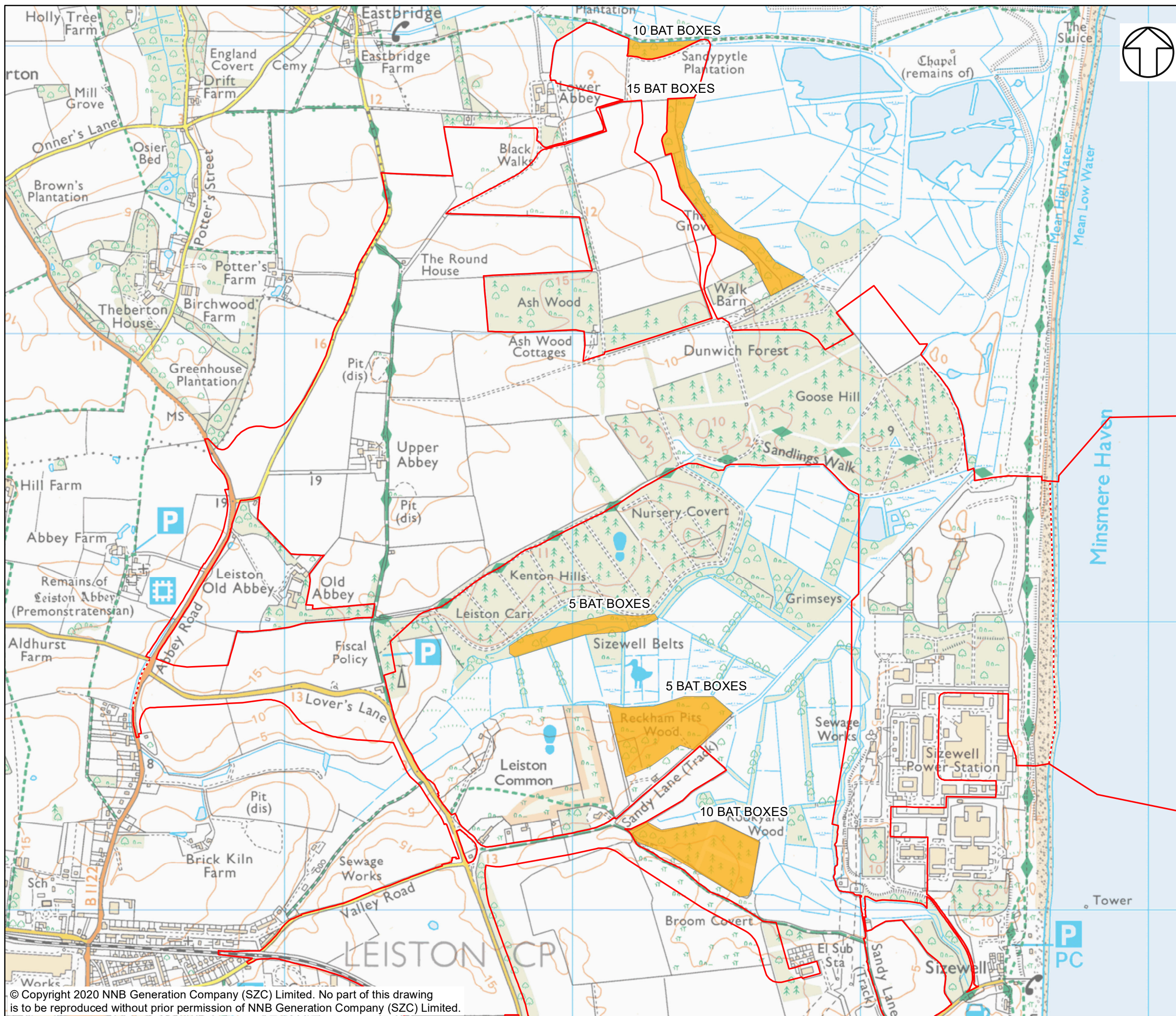
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 SIZEWELL C
 ENVIRONMENTAL STATEMENT
 VOLUME 2
 APPENDIX 14C1A
 BAT MITIGATION STRATEGY

DRAWING TITLE:
 IMPORTANT FORAGING/ COMMUTING AREAS
 WITH NOISE CONTOURS OVERLAID

DRAWING NO:
 FIGURE 14C1A.10

DATE: JAN 2020 DRAWN: R.G. SCALE: 1:15,000 @A3





NOTES

KEY

- SIZEWELL C MAIN DEVELOPMENT SITE BOUNDARY
- DEMARCATION LINE
- LOCATION OF BAT BOXES

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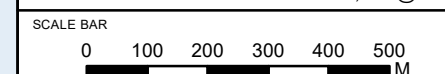


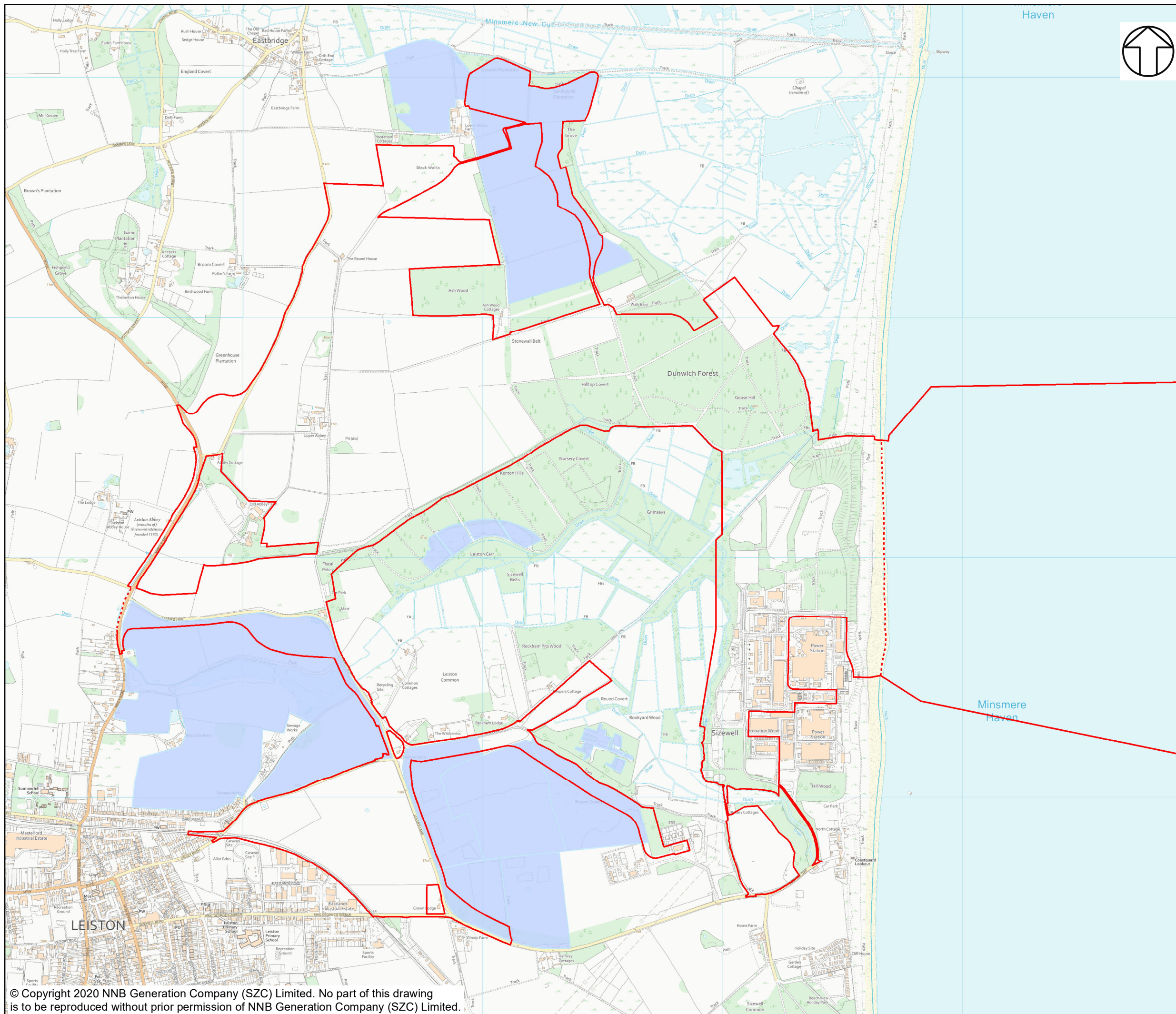
DOCUMENT:
 SIZEWELL C
 ENVIRONMENTAL STATEMENT
 VOLUME 2
 APPENDIX 14C1A
 BAT MITIGATION STRATEGY

DRAWING TITLE:
 LOCATION OF 45 BAT BOXES ERECTED
 AROUND THE SIZEWELL SITE

DRAWING NO:
 FIGURE 14C1A.11

DATE: JAN 2020 **DRAWN:** R.G. **SCALE:** 1:12,500 @A3





NOTES

KEY

- SIZEWELL C MAIN DEVELOPMENT SITE BOUNDARY
- - - DEMARCATION LINE
- MITIGATION AREAS WHERE HABITATS HAVE BEEN ENHANCED AND WILL BENEFIT BATS

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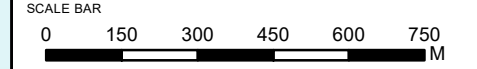


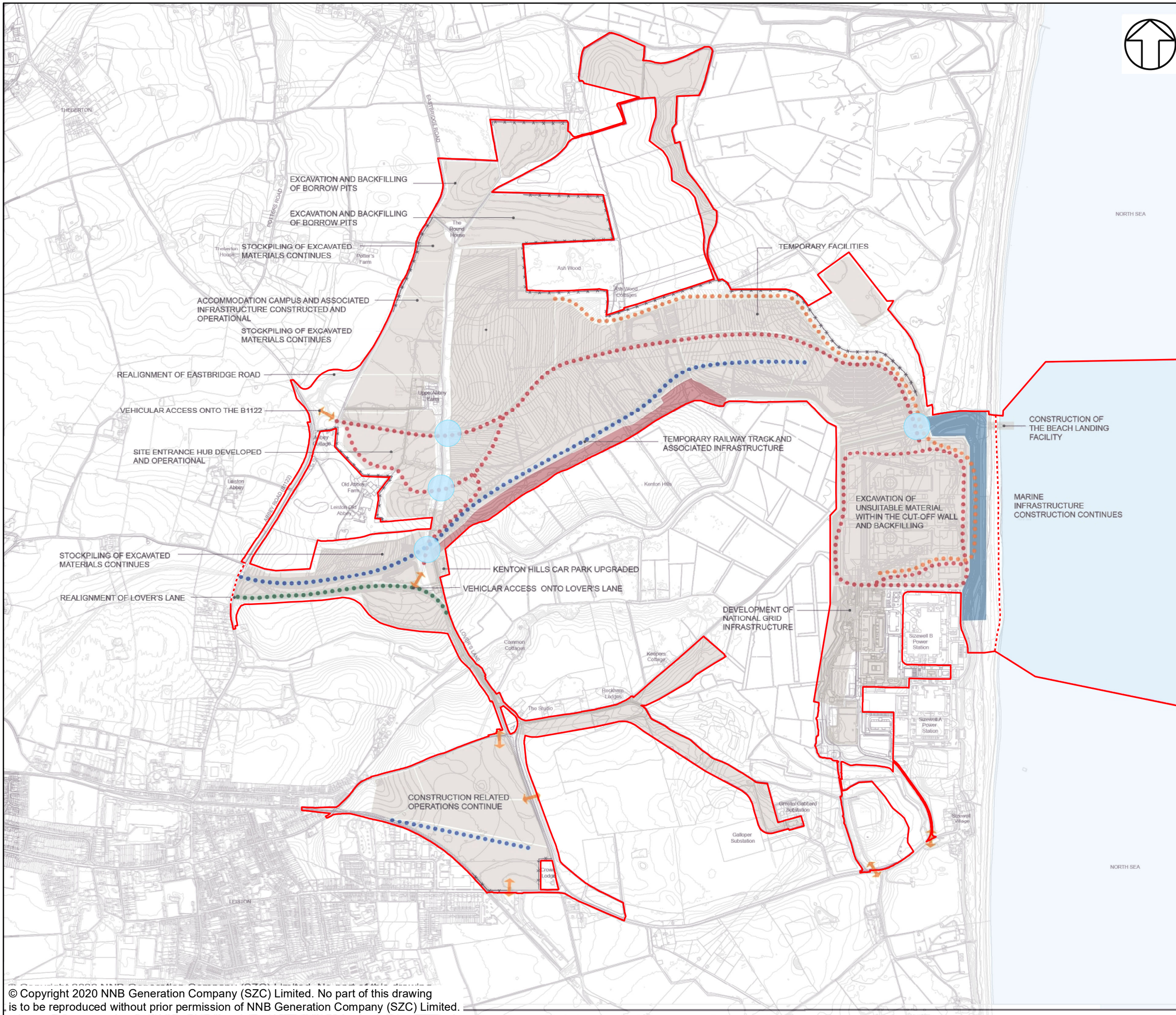
DOCUMENT:
 SIZEWELL C
 ENVIRONMENTAL STATEMENT
 VOLUME 2
 APPENDIX 14C1A
 BAT MITIGATION STRATEGY

DRAWING TITLE:
 ENHANCED MITIGATION AREAS (WHERE HABITAT HAS BEEN IMPROVED FOR FORAGING BATS)

DRAWING NO.:
 FIGURE 14C1A.12

DATE: JAN 2020 **DRAWN:** R.G. **SCALE:** 1:15,000 @A3





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
- KEY CROSSING POINTS DURING THE CONSTRUCTION PHASE (DURING PHASE 2)
- 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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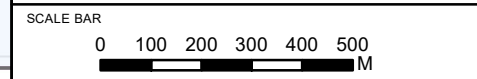


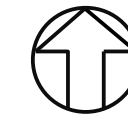
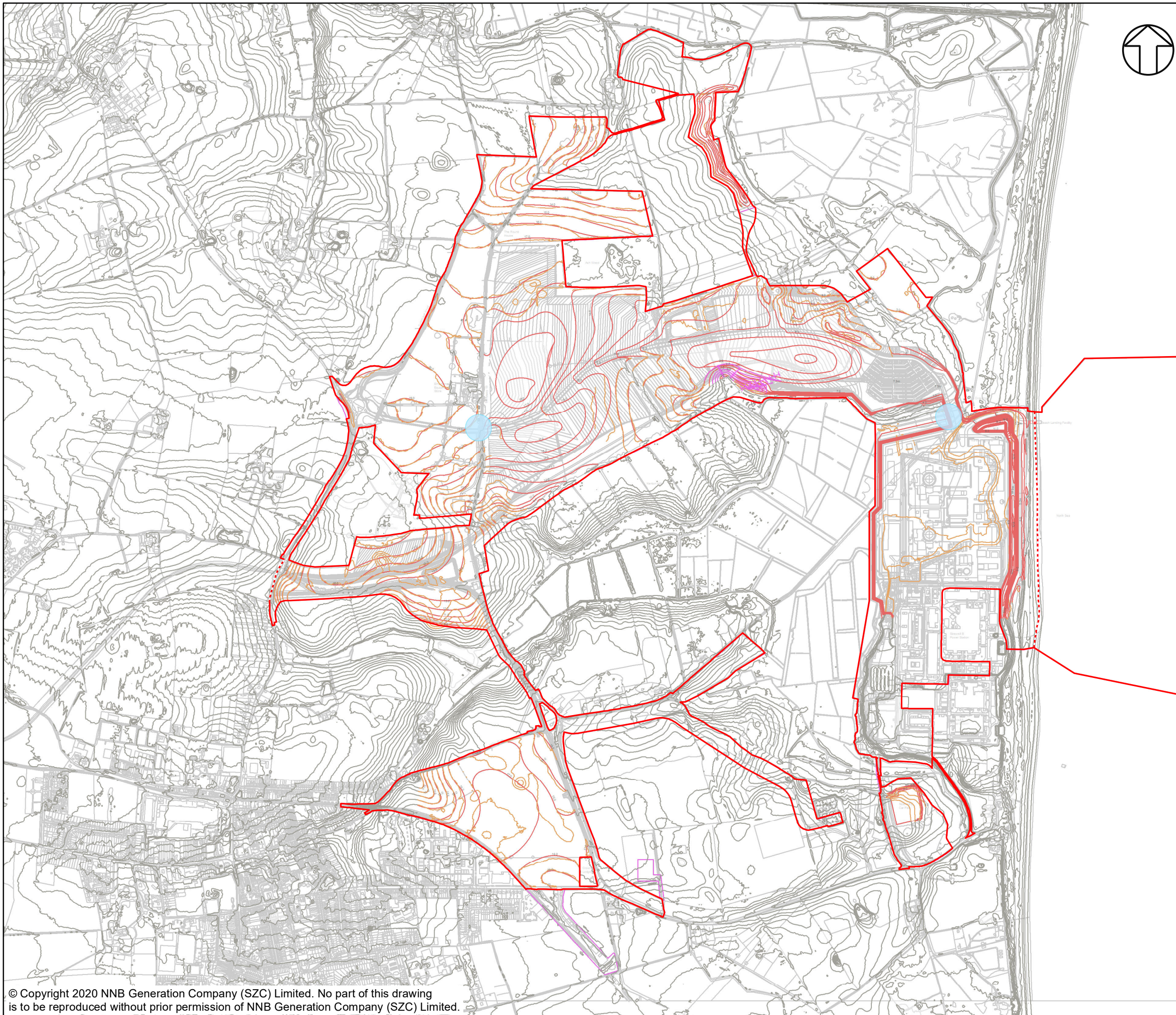
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 SIZEWELL C ENVIRONMENTAL STATEMENT VOLUME 2 APPENDIX 14C1A BAT MITIGATION STRATEGY

DRAWING TITLE:
 KEY CROSSING POINTS DURING THE CONSTRUCTION PHASE (DURING PHASE 2)

DRAWING NO:
 Figure14C1A.13

DATE: JAN 2020 **DRAWN:** P.S. **SCALE:** 1:15,000 @A3





NOTES

KEY

- SIZEWELL C MAIN DEVELOPMENT SITE BOUNDARY
- - - DEMARCATION LINE
- KEY CROSSING POINTS FOR BATS DURING THE OPERATIONAL PHASE

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 ENVIRONMENTAL STATEMENT
 VOLUME 2
 APPENDIX 14C1A
 BAT MITIGATION STRATEGY

DRAWING TITLE:
 KEY CROSSING POINTS DURING THE OPERATION PHASE

DRAWING NO:
 Figure14C1A.14

DATE: JAN 2020 **DRAWN:** P.S. **SCALE:** 1:15,000 @A3

