



The Sizewell C Project

8.17/ Deed of Obligation Engrossment Version - 10.4 Annexures - Part 3 of 3

Book 8 Revision: 9.0
Book 10 Revision: 1.0
Applicable Regulation: Regulation 5(2)(q)
PINS Reference Number: EN010012

October 2021

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



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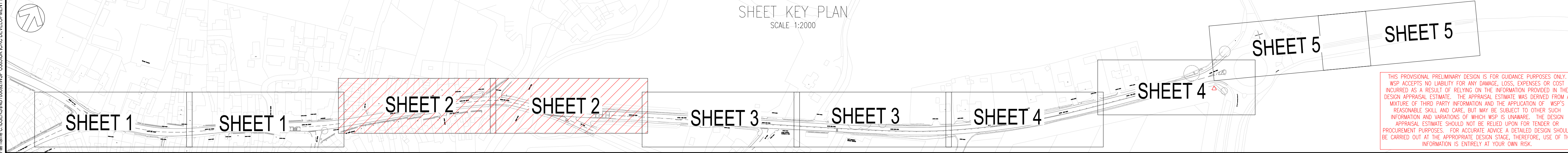
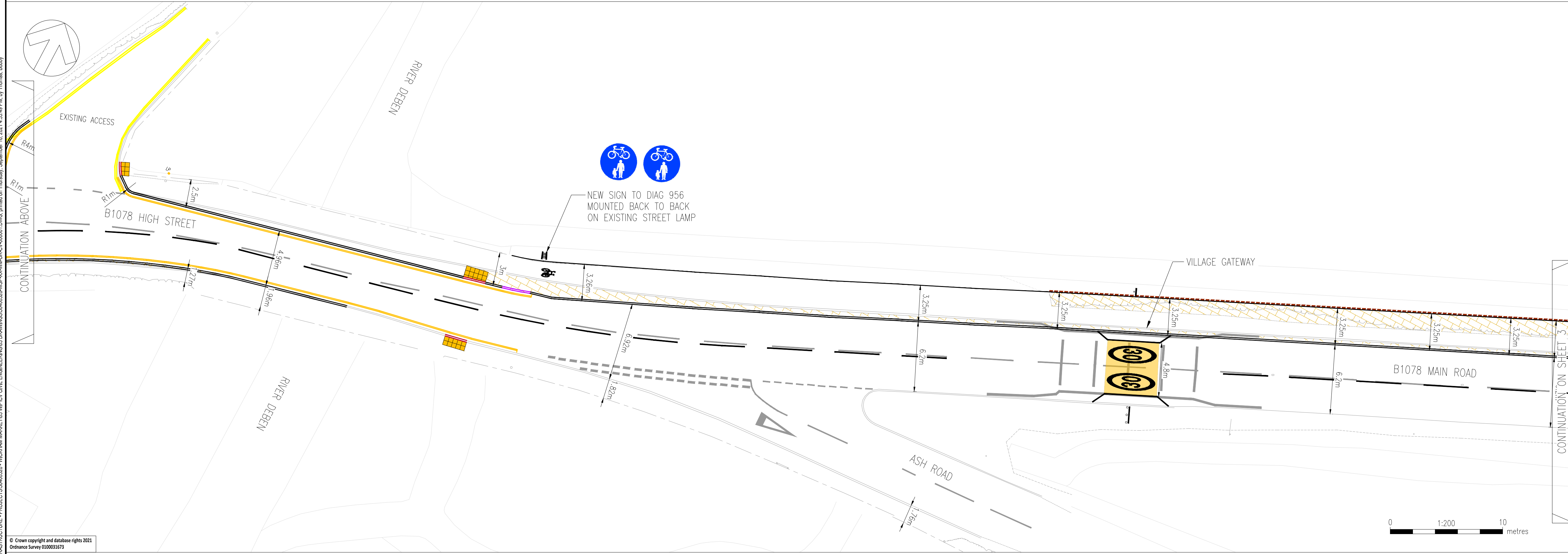
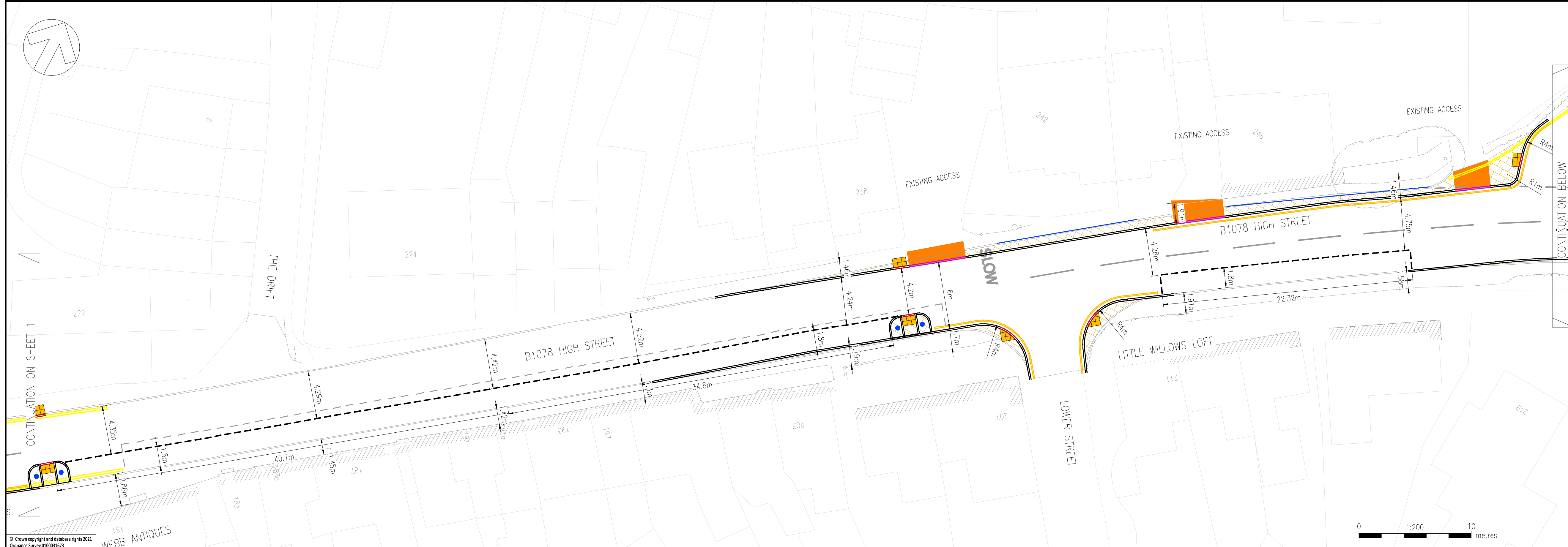
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**ANNEX T
WICKHAM MARKET SCHEME**



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 - WHEEL STOPPER
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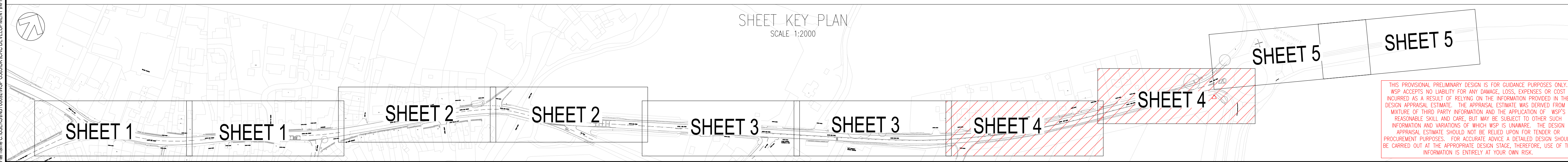
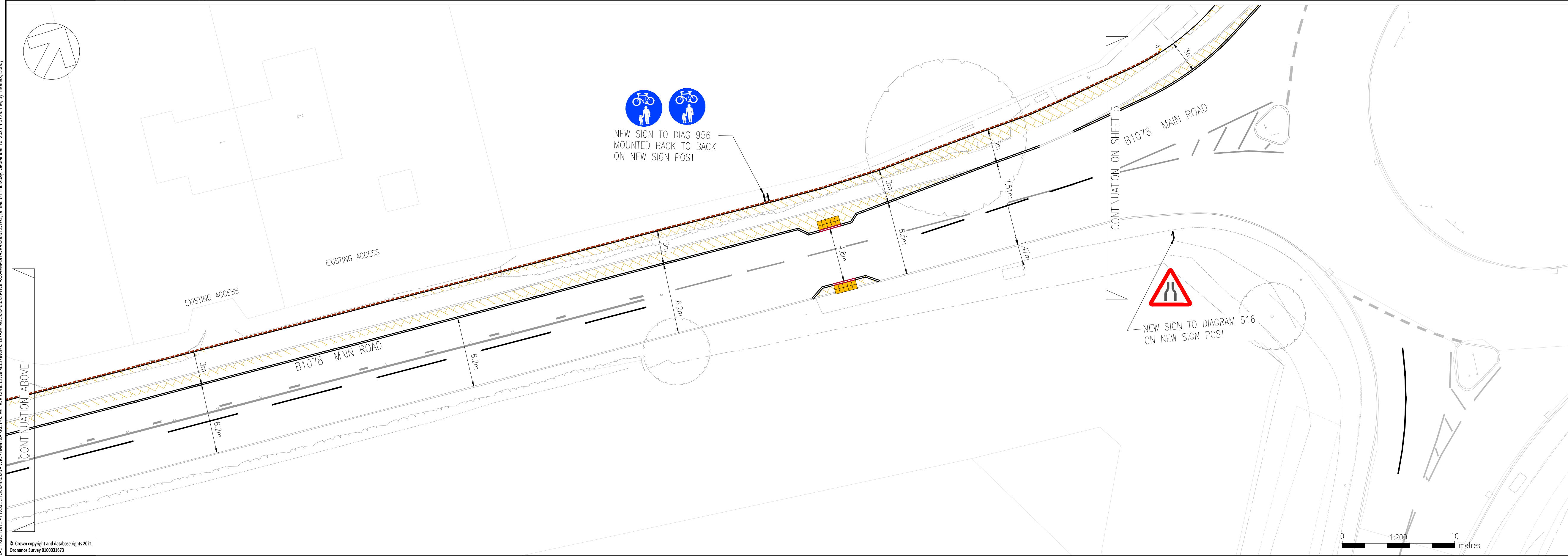
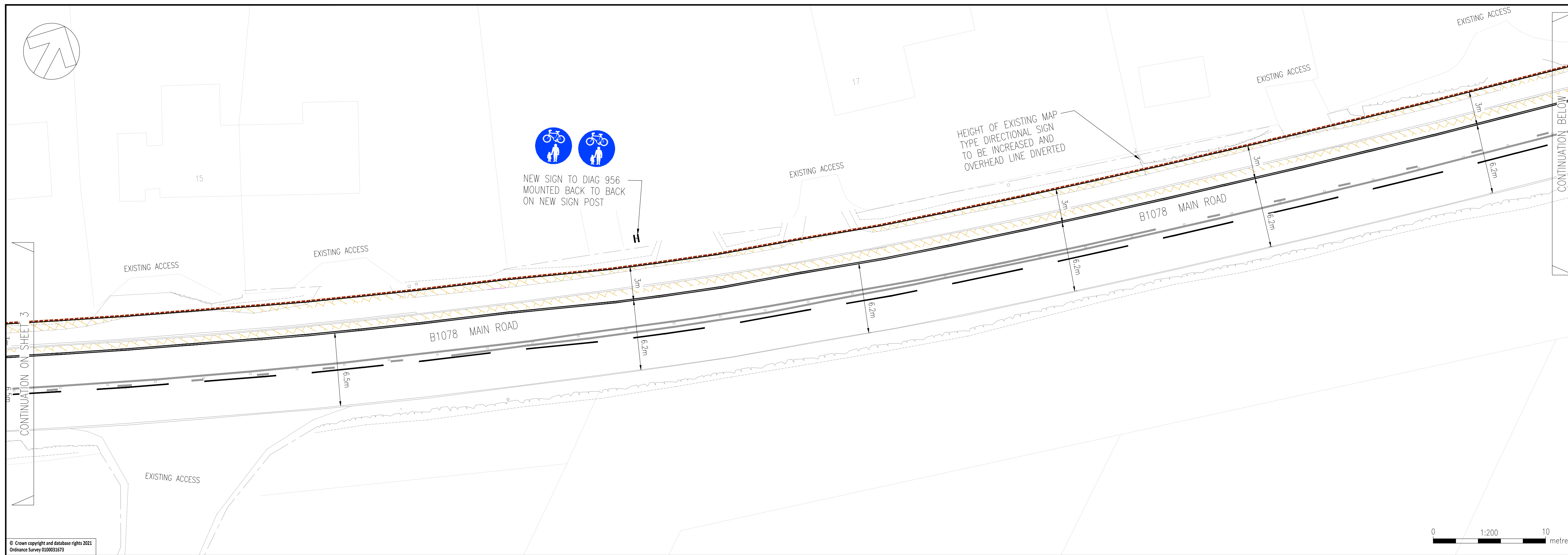
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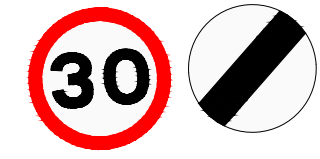
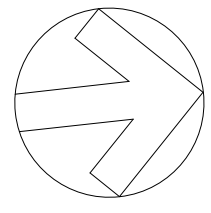
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NEW SPEED SIGNS TO DIAGRAM 670 AND 671 BACK TO BACK (TO BE ILLUMINATED)



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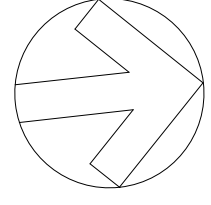
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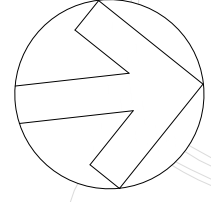
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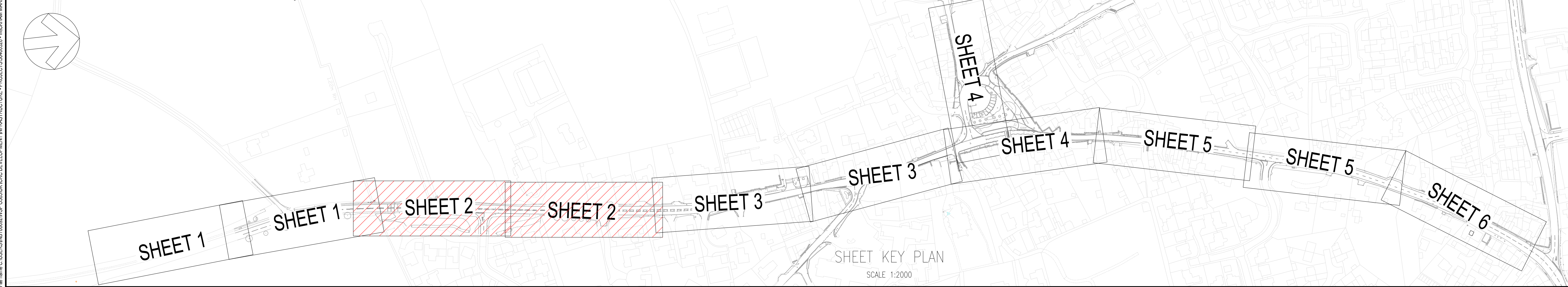
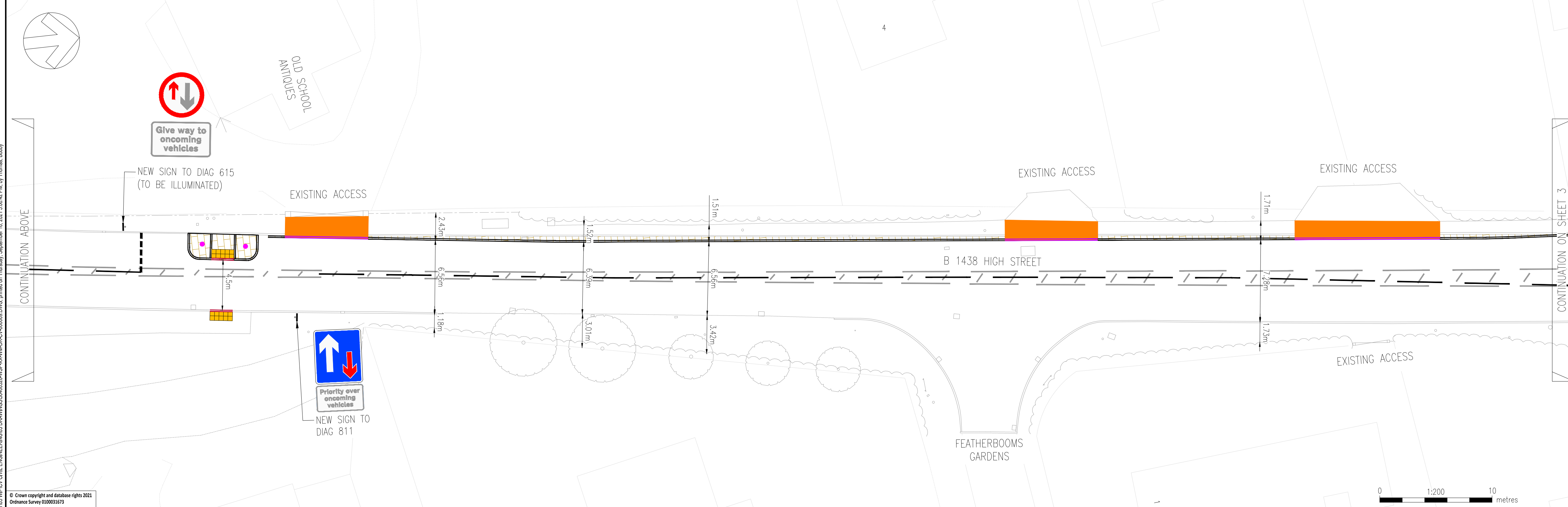
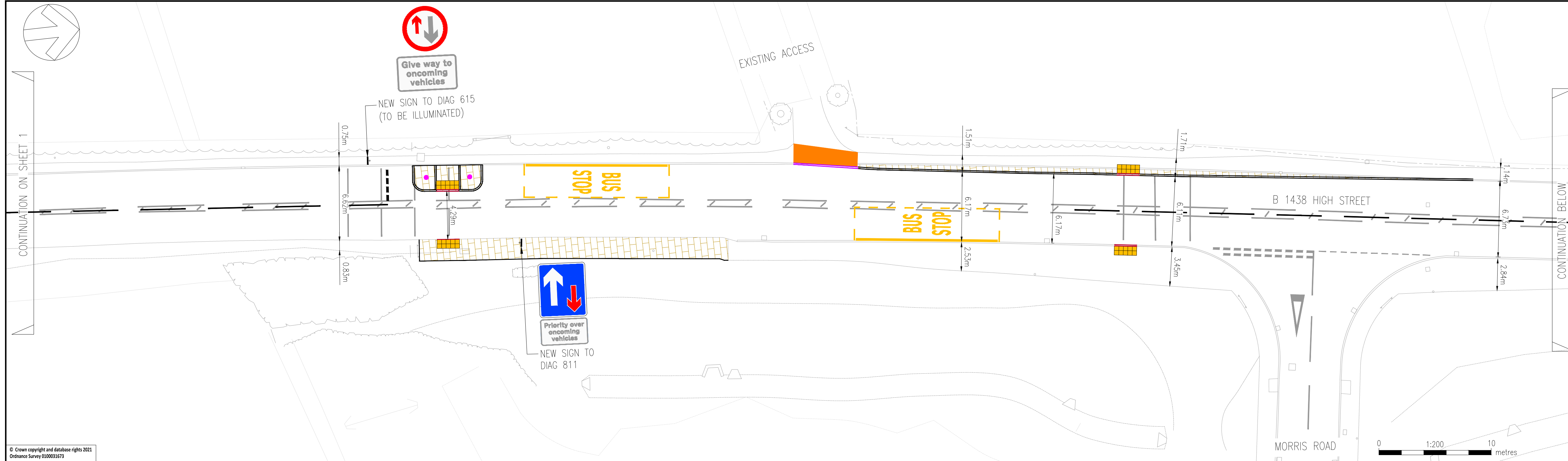
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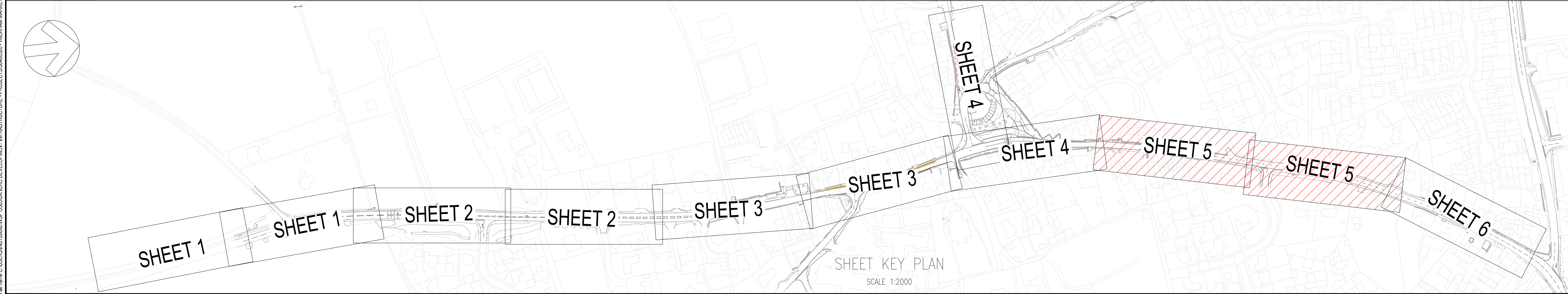
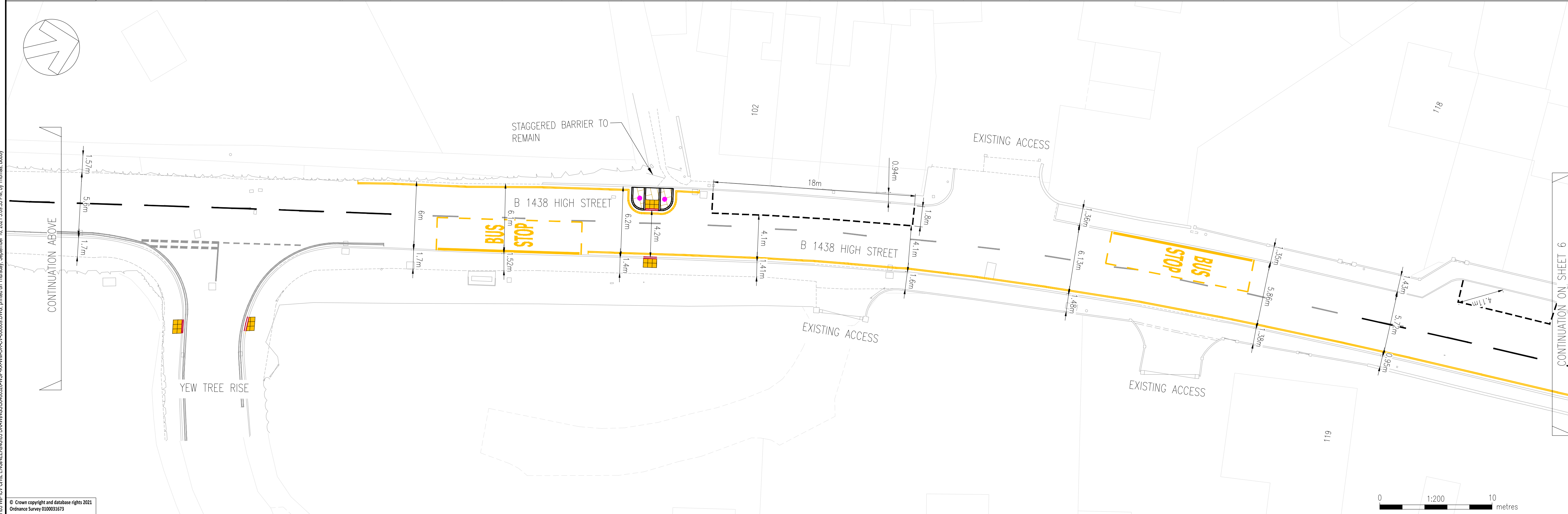
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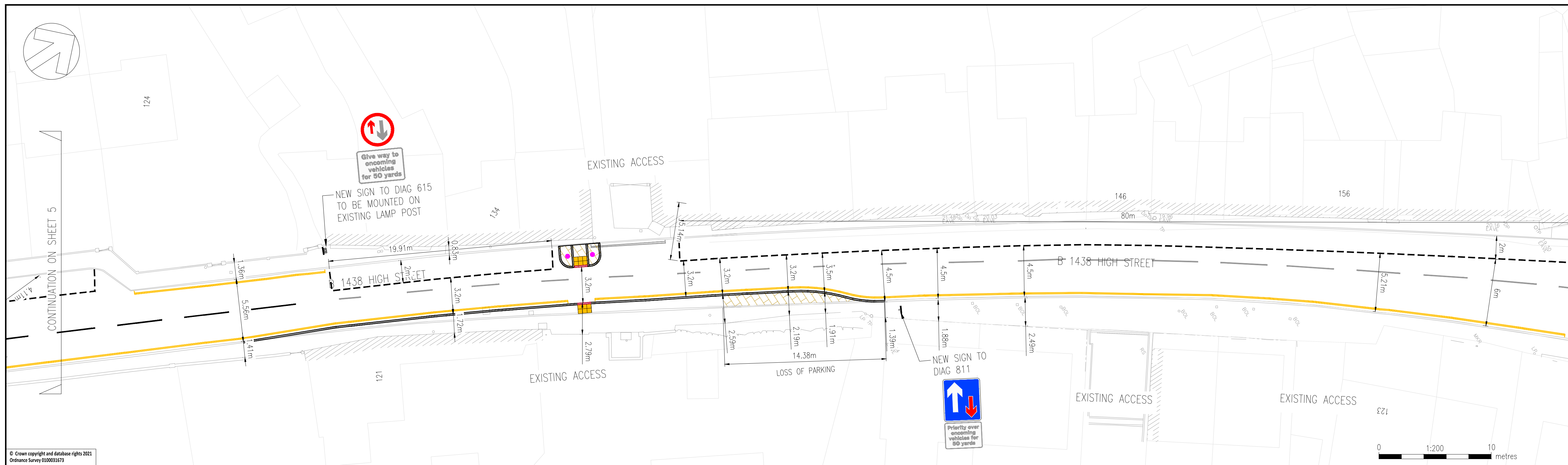
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File name: C:\Users\jnt026\OneDrive\WSP\0365\UK_CIVIL DEVELOPMENT INFRASTRUCTURE - PROJECTS\0400326 - WICKHAM MARKET IMPROVEMENT SCHEME\0400326-WSP-XX-WM-DR-CV-000013.DWG, printed on Thursday, September 16, 2021 5:08:58 PM, by Thomas Bobby

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SHEET KEY PLAN
SCALE 1:2000



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 4. ALL SIGNS AND ROAD MARKINGS ARE TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS REGULATIONS AND GENERAL DIRECTIONS 2016.
 5. CERTAIN EXTENTS OF THE SITE LAYOUT ARE BASED ON TOPOGRAPHICAL SURVEY COMPLETED BY WARNER SURVEYS LT/220/0519/P/0001 - 19 FOR WICKHAM MARKET IN NOVEMBER 2020. WSP TAKE NO RESPONSIBILITY FOR THE ACCURACY OF THE SURVEYS DATA.
 6. POSITIONS OF SOME EXISTING FEATURES HAVE BEEN INTERPRETED FROM AVAILABLE ORDNANCE SURVEY MAPPING AND FURTHER DETAIL TOPOGRAPHICAL SURVEYS WILL BE REQUIRED TO CONFIRM EXACT LOCATIONS.
 7. ALL WORKS ARE CURRENTLY ASSUMED TO BE WITHIN THE EXISTING HIGHWAY BOUNDARY, BUT THE LAYOUT IS TO BE VERIFIED ONCE THE HIGHWAY BOUNDARY PLAN IS PROVIDED.

- KEY
- PROPOSED KERB RAISED
 - PROPOSED KERB (OVERRUNNABLE)
 - PROPOSED DOUBLE YELLOW LINES
 - FLUSH KERB
 - PROTECTIVE BOLLARD (REFLECTIVE)
 - EXISTING DOUBLE YELLOW LINES
 - PROPOSED WIDENED FOOTWAY/PAVING
 - VEHICLE CROSSOVER
 - COBBLE GRANITE
 - PROPOSED DRAINAGE GULLY (LOCATION TO BE CONFIRMED).
 - PROPOSED LINEAR DRAINAGE CHANNEL/ SLOT DRAIN (LOCATION TO BE CONFIRMED).
 - GATEWAY

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| REV | DATE | BY | DESCRIPTION | CHK | APP |
|-----|------------|----|----------------------------|-----|-----|
| P05 | 16/09/2021 | BT | FOR CONSULTATION | NM | JL |
| P04 | 13/09/2021 | BT | RSA & SCC COMMENTS | NM | JL |
| P03 | 12/08/2021 | PK | ADDRESSED COUNCIL COMMENTS | NM | JL |
| P02 | 15/02/2021 | PK | ADDRESSED COUNCIL COMMENTS | NM | JL |
| P01 | 7/1/2021 | PK | FIRST ISSUE | NM | JL |

DRAWING STATUS: **S2 - FOR INFORMATION**

62-64 Hills Road, Cambridge, CB2 1LA, UK
T+ 44 (0) 1223 558 050, F+ 44 (0) 1223 558 051
wsp.com

CLIENT: **EDF ENERGY**

ARCHITECT:

SITE/PROJECT: **WICKHAM MARKET IMPROVEMENT SCHEME**

TITLE: **PROPOSED LAYOUT (SOUTH OF BORDER COT LANE JUNCTION) SHEET 6 OF 6**

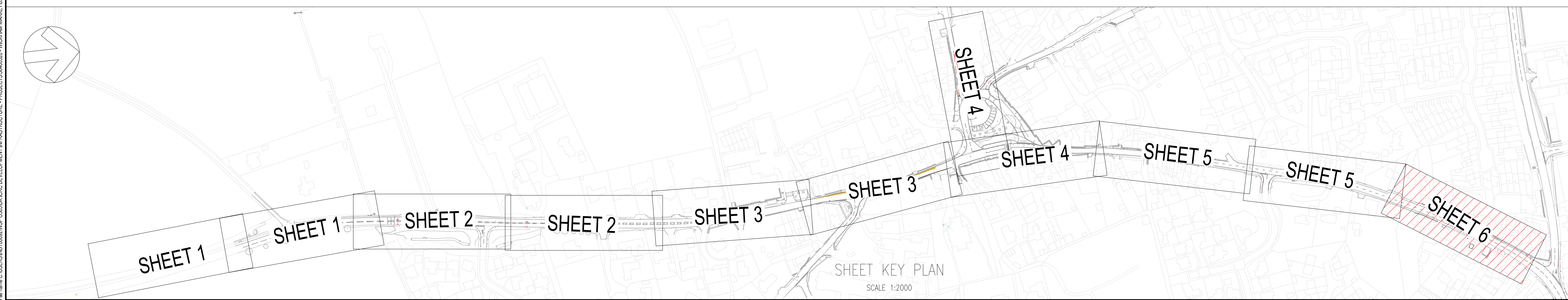
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| 1:200 | NM | JL | |
| PROJECT NO: | DESIGNED: | DRAWN: | DATE: |
| 50400326 | PK | PK | June 2021 |

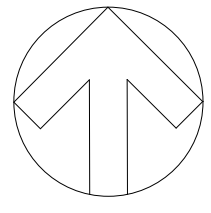
| DRAWING NO: | REV: |
|---------------------------------|------|
| 50400326-WSP-XX-WM-DR-CV-000014 | P05 |

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5. CERTAIN EXTENTS OF THE SITE LAYOUT ARE BASED ON TOPOGRAPHICAL SURVEY COMPLETED BY WARNER SURVEYS LT/220/0519/P/0001 - 19 FOR WICKHAM MARKET IN NOVEMBER 2020. WSP TAKE NO RESPONSIBILITY FOR THE ACCURACY OF THE SURVEYS DATA.
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- LEGEND
- PROPOSED KERB RAISED
 - PROPOSED KERB (OVERRUNABLE)
 - PROPOSED DOUBLE YELLOW LINES
 - FLUSH KERB
 - PROTECTIVE BOLLARD (REFLECTIVE)
 - EXISTING DOUBLE YELLOW LINES
 - PROPOSED WIDENED FOOTWAY/PAVING
 - VEHICLE CROSSOVER
 - COBBLE GRANITE
 - PROPOSED DRAINAGE GULLY (LOCATION TO BE CONFIRMED)
 - PROPOSED LINEAR DRAINAGE CHANNEL/ SLOT DRAIN (LOCATION TO BE CONFIRMED)
 - GATEWAY
 - WHEEL STOPPER
 - PROPOSED POSITION OF RELOCATED



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| PO3 | 16/09/2021 | BT | FOR CONSULTATION | NM | JL |
|-----|------------|----|--------------------|-----|-----|
| PO2 | 13/09/2021 | BT | RSA & SCC COMMENTS | NM | JL |
| PO1 | 12/08/2021 | PK | FIRST ISSUE | NM | JL |
| REV | DATE | BY | DESCRIPTION | CHK | APP |

DRAWING STATUS: **S2 - FOR INFORMATION**

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CLIENT: **EDF ENERGY**

ARCHITECT:

SITE/PROJECT: **WICKHAM MARKET IMPROVEMENT SCHEME**

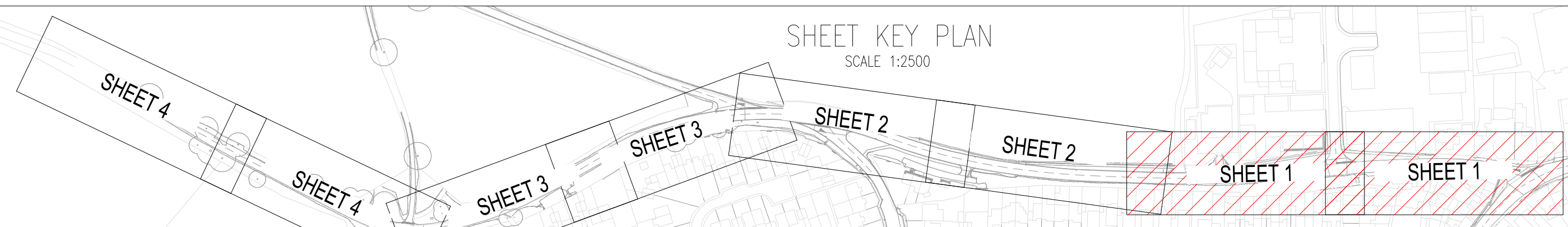
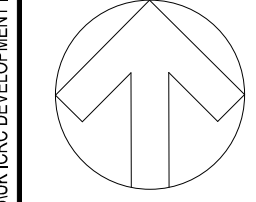
TITLE: **PROPOSED LAYOUT (WEST OF BORDER COT LANE JUNCTION) SHEET 1 OF 4**

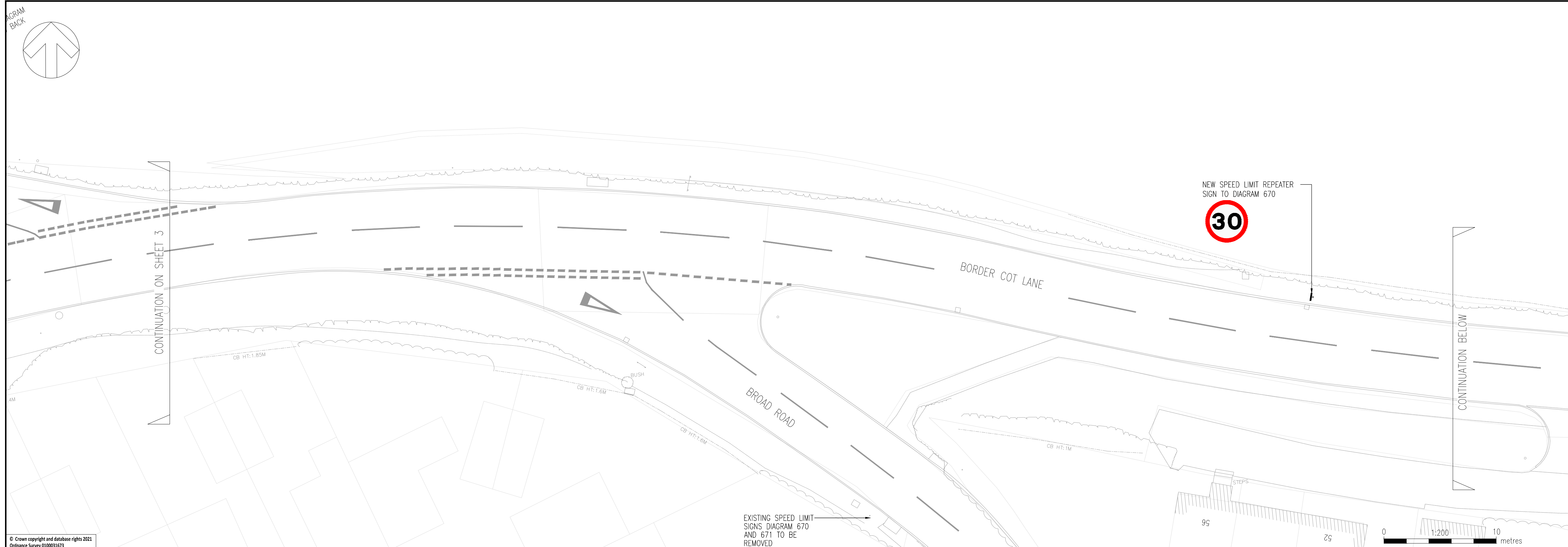
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| 1:200 | NM | JL | |
| PROJECT NO: | DESIGNED: | DRAWN: | DATE: |
| 50400326 | PK | PK | June 2021 |
| DRAWING NO: | REV: | | |
| 50400326-WSP-XX-WM-DR-CV-000021 | P03 | | |

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PLI

- PROPOSED KERB RAISED
- PROPOSED KERB (OVERRUNABLE)
- PROPOSED DOUBLE YELLOW LINES
- FLUSH KERB
- PROTECTIVE BOLLARD (REFLECTIVE)
- EXISTING DOUBLE YELLOW LINES
- PROPOSED WIDENED FOOTWAY/PAVING
- VEHICLE CROSSOVER
- COBBLE GRANITE
- PROPOSED DRAINAGE GULLY (LOCATION TO BE CONFIRMED).
- PROPOSED LINEAR DRAINAGE CHANNEL/ SLOT DRAIN (LOCATION TO BE CONFIRMED).
- GATEWAY
- WHEEL STOPPER
- LP PROPOSED POSITION OF RELOCATED

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| REV | DATE | BY | DESCRIPTION | CHK | APP |
|-----|------------|----|--------------------|-----|-----|
| P03 | 16/09/2021 | BT | FOR CONSULTATION | NM | JL |
| P02 | 13/09/2021 | BT | RSA & SCC COMMENTS | NM | JL |
| P01 | 12/08/2021 | PK | FIRST ISSUE | NM | JL |

DRAWING STATUS: **S2 - FOR INFORMATION**

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CLIENT: **EDF ENERGY**

ARCHITECT:

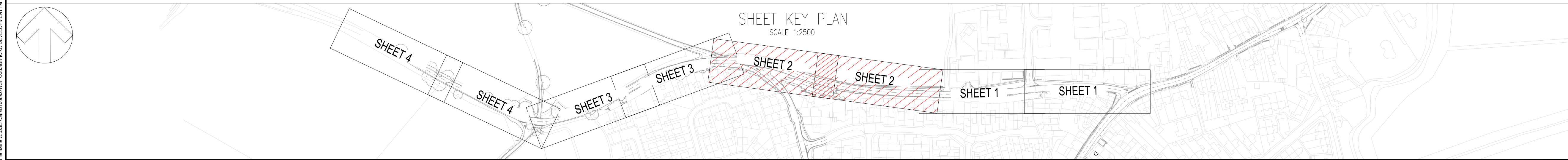
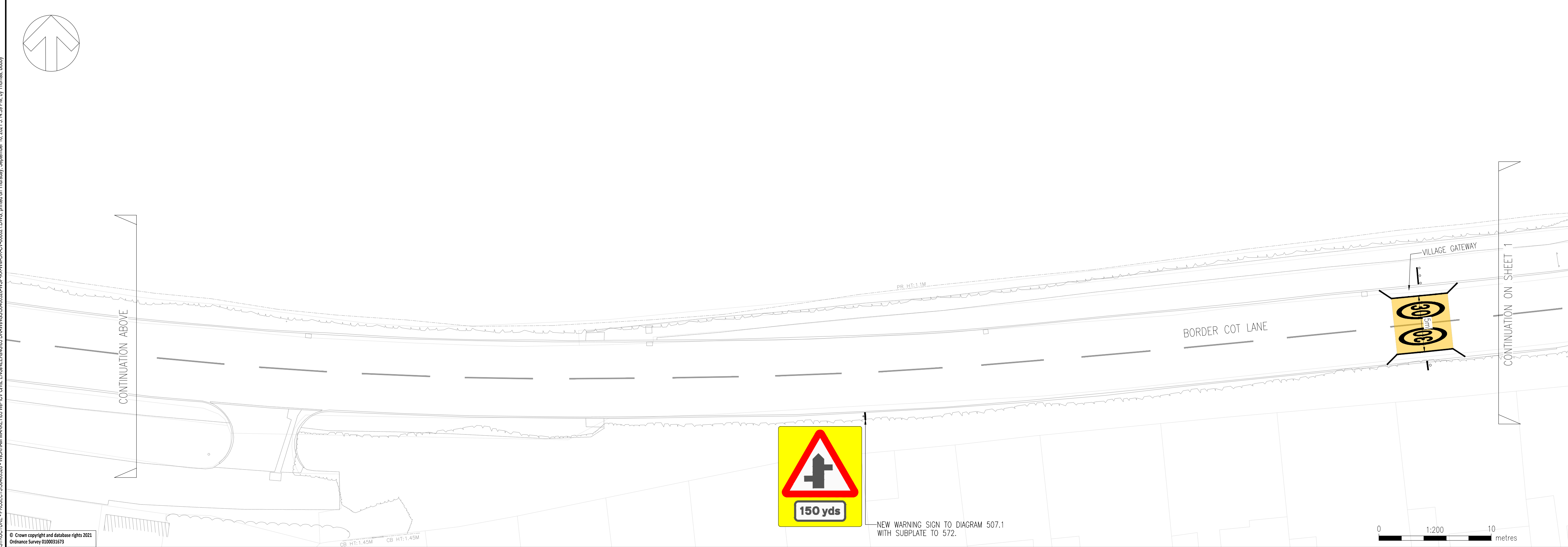
SITE/PROJECT: **WICKHAM MARKET IMPROVEMENT SCHEME**

TITLE: **PROPOSED LAYOUT (WEST OF BORDER COT LANE JUNCTION) SHEET 2 OF 4**

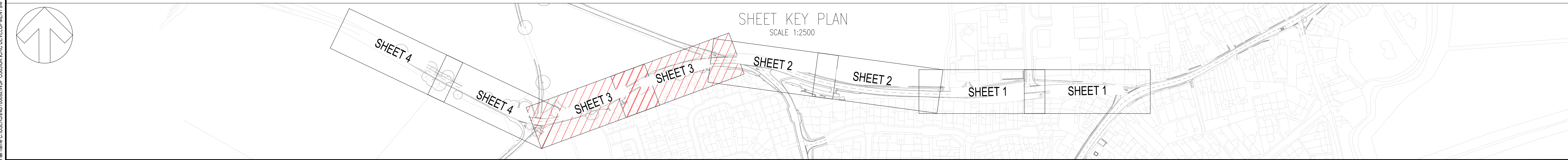
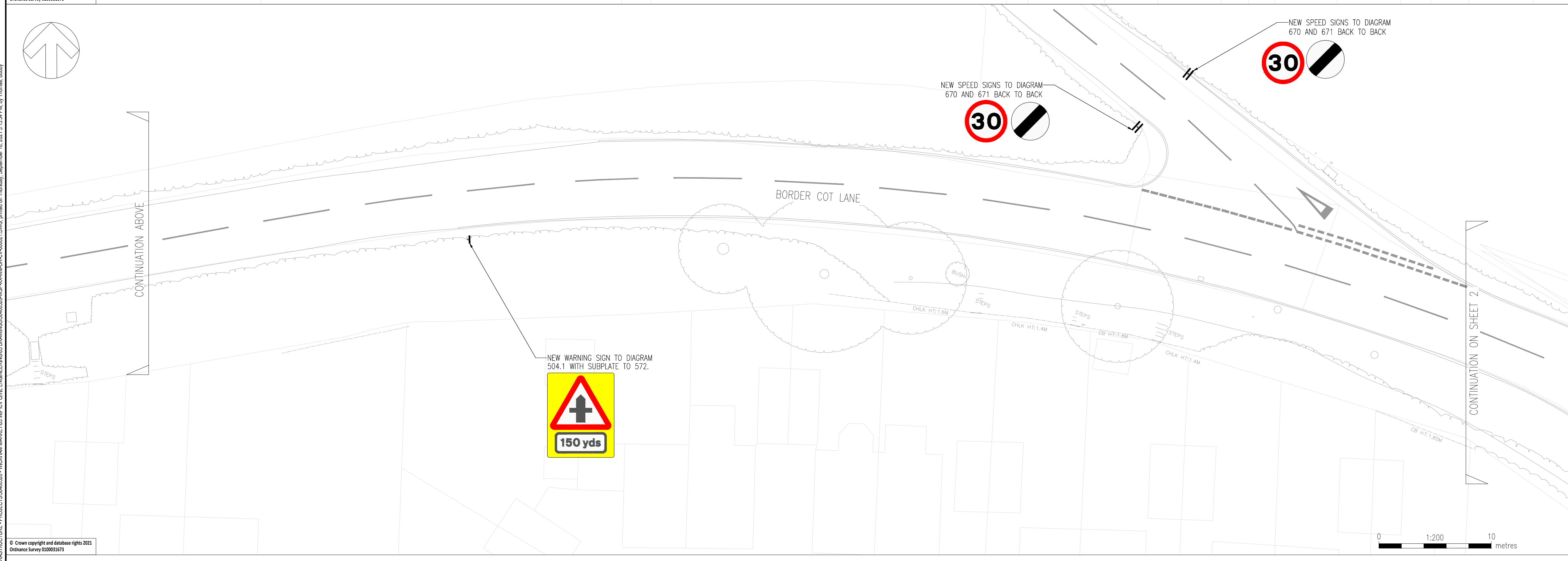
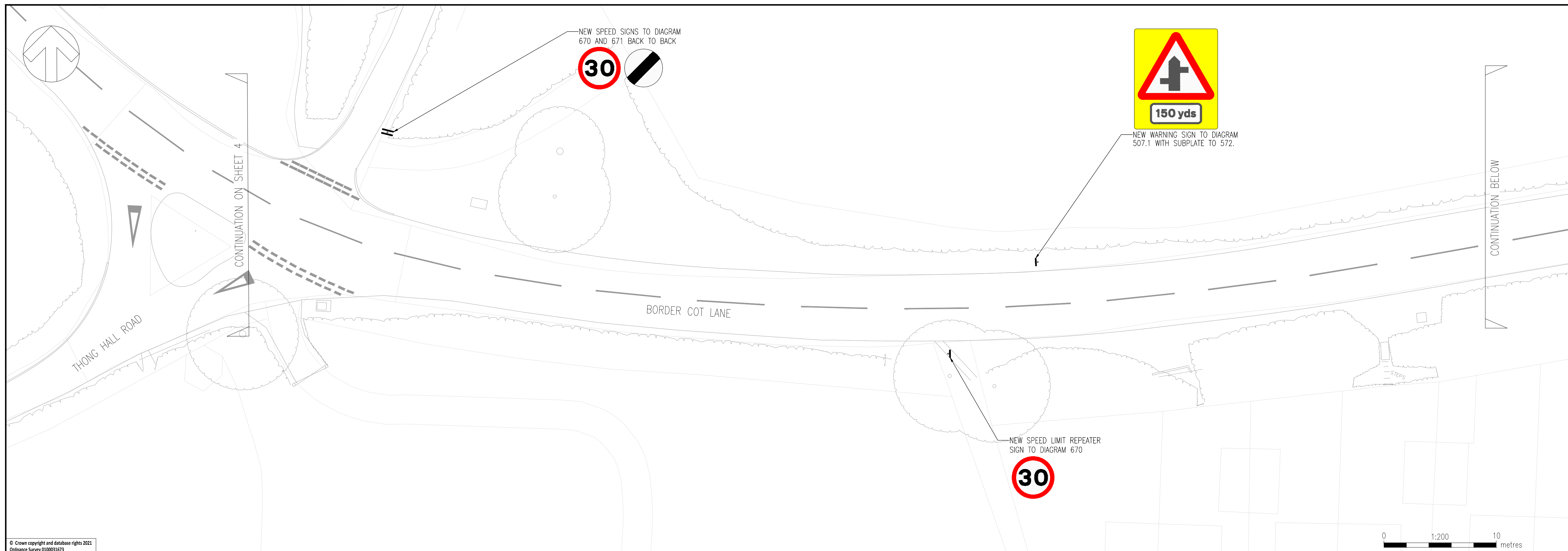
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| SCALE @ A1: 1:200 | CHECKED: NM | APPROVED: JL |
| PROJECT NO: 50400326 | DESIGNED: PK | DRAWN: PK |
| | | DATE: June 2021 |

DRAWING NO: **50400326-WSP-XX-WM-DR-CV-000022** REV: **P03**

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 5. CERTAIN EXTENTS OF THE SITE LAYOUT ARE BASED ON TOPOGRAPHICAL SURVEY COMPLETED BY WARNER SURVEYS LT/220/0519/P/0001 - 19 FOR WICKHAM MARKET IN NOVEMBER 2020. WSP TAKE NO RESPONSIBILITY FOR THE ACCURACY OF THE SURVEYS DATA.
 6. POSITIONS OF SOME EXISTING FEATURES HAVE BEEN INTERPRETED FROM AVAILABLE ORDNANCE SURVEY MAPPING AND FURTHER DETAIL TOPOGRAPHICAL SURVEYS WILL BE REQUIRED TO CONFIRM EXACT LOCATIONS.
 7. ALL WORKS ARE CURRENTLY ASSUMED TO BE WITHIN THE EXISTING HIGHWAY BOUNDARY, BUT THE LAYOUT IS TO BE VERIFIED ONCE THE HIGHWAY BOUNDARY PLAN IS PROVIDED.

- LEGEND:
- PROPOSED KERB RAISED
 - PROPOSED KERB (OVERRUNNABLE)
 - PROPOSED DOUBLE YELLOW LINES
 - FLUSH KERB
 - PROTECTIVE BOLLARD (REFLECTIVE)
 - EXISTING DOUBLE YELLOW LINES
 - PROPOSED WIDENED FOOTWAY/PAVING
 - VEHICLE CROSSOVER
 - COBBLE GRANITE
 - PROPOSED DRAINAGE GULLY (LOCATION TO BE CONFIRMED).
 - PROPOSED LINEAR DRAINAGE CHANNEL/ SLOT DRAIN (LOCATION TO BE CONFIRMED).
 - GATEWAY
 - WHEEL STOPPER
 - LP PROPOSED POSITION OF RELOCATED

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| REV | DATE | BY | DESCRIPTION | CHK | APP |
|-----|------------|----|--------------------|-----|-----|
| P03 | 16/09/2021 | BT | FOR CONSULTATION | NM | JL |
| P02 | 13/09/2021 | BT | RSA & SCC COMMENTS | NM | JL |
| P01 | 12/08/2021 | PK | FIRST ISSUE | NM | JL |

DRAWING STATUS: **S2 - FOR INFORMATION**

62-64 Hills Road, Cambridge, CB2 1LA, UK
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CLIENT: **EDF ENERGY**

ARCHITECT:

SITE/PROJECT: **WICKHAM MARKET IMPROVEMENT SCHEME**

TITLE: **PROPOSED LAYOUT (WEST OF BORDER COT LANE JUNCTION) SHEET 3 OF 4**

| SCALE @ A1: | CHECKED: | APPROVED: |
|-------------|----------|-----------|
| 1:200 | NM | JL |

| PROJECT NO: | DESIGNED: | DRAWN: | DATE: |
|-------------|-----------|--------|-----------|
| 50400326 | PK | PK | June 2021 |

| DRAWING NO: | REV: |
|---------------------------------|------|
| 50400326-WSP-XX-WM-DR-CV-000023 | P03 |

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- RL1
- PROPOSED KERB RAISED
 - PROPOSED KERB (OVERRUNNABLE)
 - PROPOSED DOUBLE YELLOW LINES
 - FLUSH KERB
 - PROTECTIVE BOLLARD (REFLECTIVE)
 - EXISTING DOUBLE YELLOW LINES
 - PROPOSED WIDENED FOOTWAY/PAVING
 - VEHICLE CROSSOVER
 - COBBLE GRANITE
 - PROPOSED DRAINAGE GULLY (LOCATION TO BE CONFIRMED).
 - PROPOSED LINEAR DRAINAGE CHANNEL/ SLOT DRAIN (LOCATION TO BE CONFIRMED).
 - GATEWAY
 - WHEEL STOPPER
 - LP PROPOSED POSITION OF RELOCATED STREET LIGHTING COLUMN

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| REV | DATE | BY | DESCRIPTION | CHK | APP |
|-----|------------|----|--------------------|-----|-----|
| P03 | 16/09/2021 | BT | FOR CONSULTATION | NM | JL |
| P02 | 13/09/2021 | BT | RSA & SCC COMMENTS | NM | JL |
| P01 | 12/08/2021 | PK | FIRST ISSUE | NM | JL |

DRAWING STATUS: **S2 - FOR INFORMATION**

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CLIENT: **EDF ENERGY**

ARCHITECT:

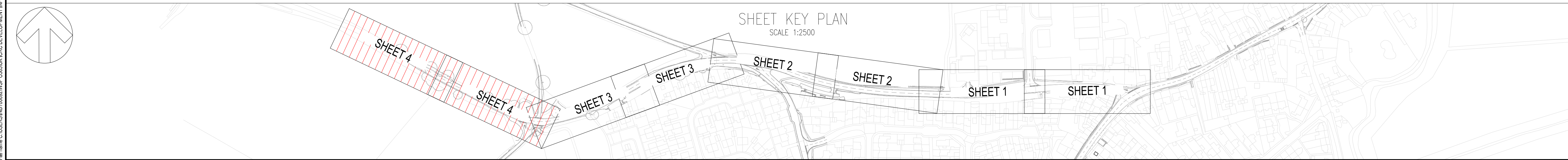
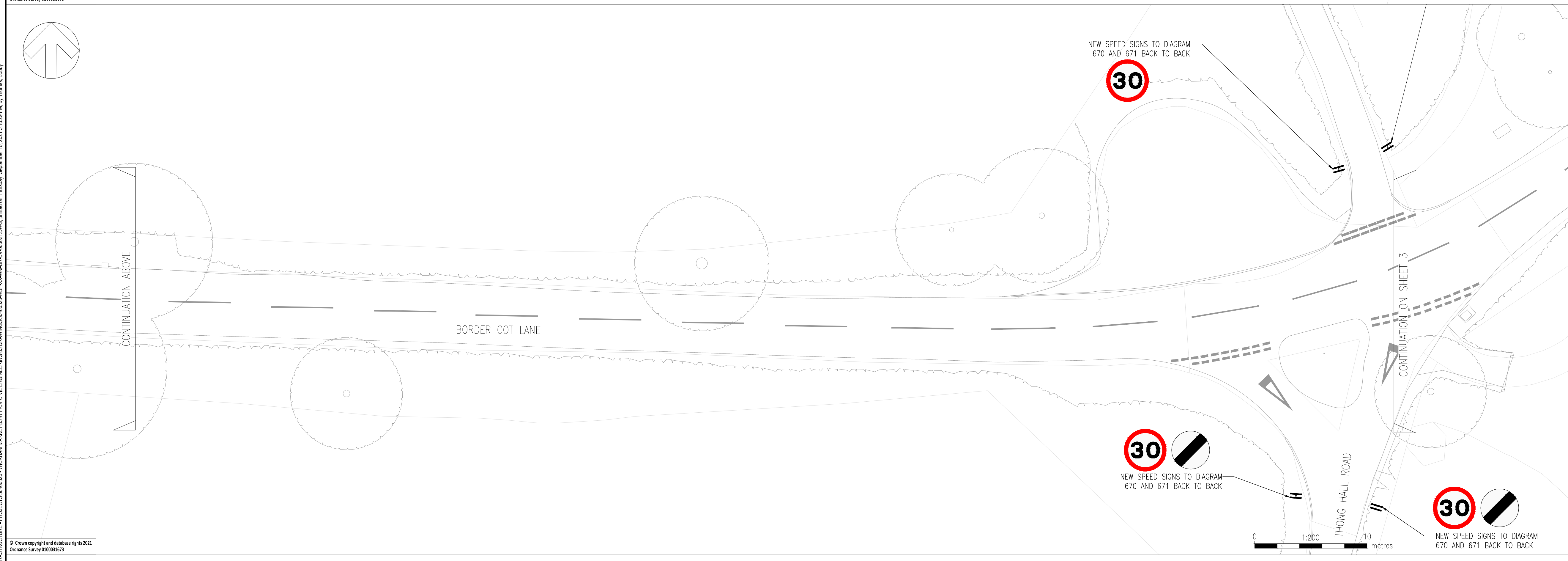
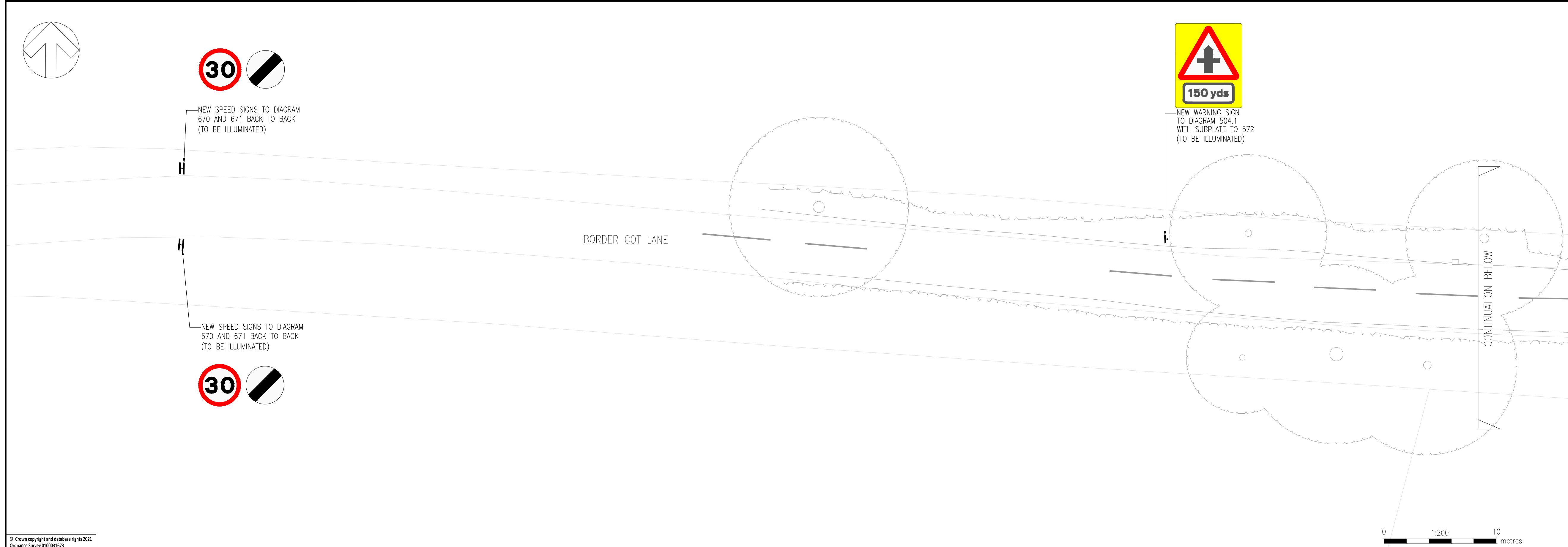
SITE/PROJECT: **WICKHAM MARKET IMPROVEMENT SCHEME**

TITLE: **PROPOSED LAYOUT (WEST OF BORDER COT LANE JUNCTION) SHEET 4 OF 4**

| SCALE @ A1: | CHECKED: | APPROVED: | |
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| 1:200 | NM | JL | |
| PROJECT NO: | DESIGNED: | DRAWN: | DATE: |
| 50400326 | PK | PK | June 2021 |

| DRAWING NO: | REV: |
|---------------------------------|------|
| 50400326-WSP-XX-WM-DR-CV-000024 | P03 |

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KEY

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- PROPOSED KERB (OVERRUNABLE)
- PROPOSED DOUBLE YELLOW LINES
- FLUSH KERB
- PROTECTIVE BOLLARD (REFLECTIVE)
- EXISTING DOUBLE YELLOW LINES
- PROPOSED WIDENED FOOTWAY/PAVING
- VEHICLE CROSSOVER
- COBBLE GRANITE
- PROPOSED DRAINAGE GULLY (LOCATION TO BE CONFIRMED).
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- GATEWAY
- WHEEL STOPPER
- PROPOSED POSITION OF RELOCATED STREET LIGHTING COLUMN
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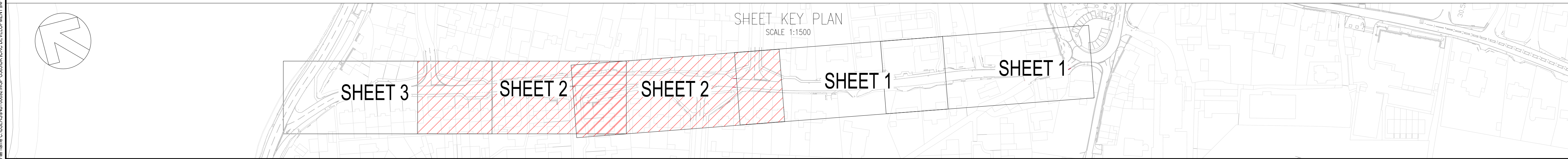
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 - PROPOSED DOUBLE YELLOW LINES
 - FLUSH KERB
 - PROTECTIVE BOLLARD (REFLECTIVE)
 - EXISTING DOUBLE YELLOW LINES
 - PROPOSED WIDENED FOOTWAY/PAVING
 - VEHICLE CROSSOVER
 - COBBLE GRANITE
 - PROPOSED DRAINAGE GULLY (LOCATION TO BE CONFIRMED).
 - PROPOSED LINEAR DRAINAGE CHANNEL/ SLOT DRAIN (LOCATION TO BE CONFIRMED).
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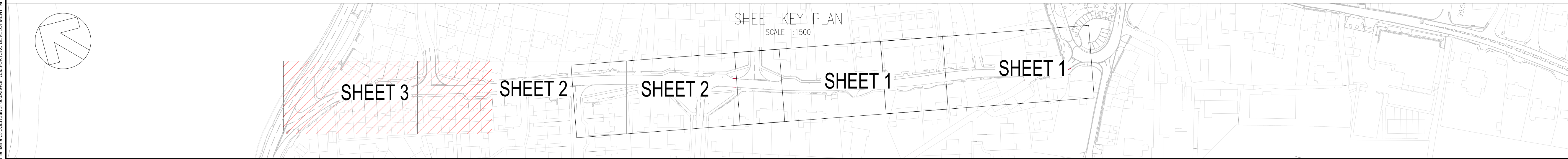
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ANNEX U
MMP FOR MINSMERE – WALBERSWICK AND SANDLINGS (NORTH)

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APPENDICES

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1 INTRODUCTION

1.1.1 This monitoring and mitigation plan sets out how monitoring and mitigation with respect to recreational disturbance must be implemented at four European sites¹ to ensure that adverse effect on the integrity (AEol) of the sites does not arise as a consequence of this effect pathway.

1.1.2 The four sites within the scope of this monitoring and mitigation plan (referred to collectively in this monitoring and mitigation plan as the “European sites”) are:

- Minsmere to Walberswick Heaths and Marshes Special Area of Conservation (SAC), Minsmere–Walberswick Special Protection Area (SPA), Minsmere–Walberswick Ramsar site (collectively referred to as the “Minsmere–Walberswick European sites” in this monitoring and mitigation plan; see **Figures 1, 2 and 3**); and
- The northern part of the Sandlings SPA at North Warren and Aldringham Walks are collectively referred to as “Sandlings (North) European site”; see **Figures 1 and 4**).

1.1.3 This plan is titled the ‘**MMP for Minsmere – Walberswick and Sandlings (North)**’ (Annex U of the DoO Doc Ref. 8.17(G)) which means the monitoring and mitigation plan for the northern part of the Sandlings SPA at North Warren and Aldringham Walks, the Minsmere-Walberswick SPA, the Minsmere-Walberswick Heath and Marshes SAC and the Minsmere-Walberswick Ramsar site.

1.1.4 A separate monitoring and mitigation plan has been developed for the Alde–Ore Estuary SPA and Ramsar site and the area of the Sandlings SPA comprising Tunstall Forest and Snape Warren (referred to as Sandlings (Central)). The plan for these sites is titled ‘**MMP for Sandlings (Central) and Alde-Ore Estuary** (Annex V of the DoO Doc Ref. 8.17(G))’ which means the monitoring and mitigation plan for the Sandlings SPA (the area

¹ Special Areas of Conservation (SAC), Special Protection Areas (SPA) and sites that are in the process of designation (proposed SACs, candidate SACs and potential SPAs)). Under planning policy in England, Ramsar sites are treated in the same way as European sites. SACs and SPAs in the UK no longer form part of the EU’s Natura 2000 ecological network. The Conservation of Habitats and Species (Amendment) (EU Exit) Regulations 2019 have created a national site network on land and at sea, including both the inshore and offshore marine areas in the UK. The national site network includes:

- existing SACs and SPAs.
- new SACs and SPAs designated under the 2019 Regulations.

Any references to Natura 2000 in The Conservation of Habitats and Species Regulations 2017 and in guidance now refers to the new national site network.’ See <https://cieem.net/brexit-changes-to-the-habitats-regulations/>

comprising Tunstall Forest and Snape Warren), Alde-Ore Estuary SPA and Alde–Ore Estuary Ramsar site and which was submitted to examination at Deadline 5 [[REP5-122](#)], and an update is submitted at Deadline 8 (Annex V of the DoO (Doc Ref. 8.17(G))).

- 1.1.5 The reason for the preparation of two plans covering the various European sites is to reflect the different approach required to monitoring and mitigation across the European sites in light of the conclusions of the **Shadow Habitats Regulations Assessment (HRA) Report** [[APP-145](#), [APP-146](#), [APP-147](#), [APP-148](#) and [APP-149](#)] and **Shadow HRA Second Addendum** [[REP2-032](#)]. The **Shadow HRA Addendum** (Doc Ref. 5.10 [AS-173]) and **Shadow HRA Third Addendum** (Doc Ref. 5.10 [REP7-279]) assessed Proposed Changes to the Application. Recreational disturbance is not a pathway that is relevant to the assessment of those Proposed Changes and, therefore, the **Shadow HRA Addendum** and **Shadow HRA Third Addendum** are not relevant to this monitoring and mitigation plan. The “Shadow HRA Report” refers to the full shadow habitats regulations assessment as made up by the report and these addendums.
- 1.1.6 The assessments under the Shadow Habitats Regulations Assessment for Sizewell C indicate that during the construction of Sizewell C, there could be displacement of recreational users to European sites, and recreational visits from the construction workforce. There is also potential for a smaller increase in visits to European sites due to Sizewell C during the operational phase. The additional recreational visitors could potentially lead to AEoI of some specific European sites via effects on certain qualifying features unless suitable monitoring and mitigation measures are implemented. The **Shadow HRA Report** () [[APP-145](#)] to [[APP-149](#)] identified that, with suitable monitoring and mitigation measures in place, AEoI due to this effect pathway can be excluded for all European sites.
- 1.1.7 A number of measures have already been secured through the dDCO and DoO, which will reduce potential recreational displacement to European sites. While these measures are listed in **Section 5.2** for context, they are not secured by this plan. These measures include Public Right of Way (PRoW) and access improvement proposals around the main development site, keeping the coast path open at all times except in rare circumstances when it may need to be closed for short periods if it is unsafe to keep it open, and the designation of 27 hectares of Open Access land where dogs will be allowed to be exercised off-lead, a new PRoW and a new car park at Aldhurst Farm (secured under discharged condition 25 of planning permission reference DC/14/4224/FUL see Appendix A). In 2019 less than two people were recorded per hour over a 30 hour survey period at Aldhurst Farm,

making use of parts of the areas that are to be dedicated Open Access land where dogs can be exercised off-lead all year, indicating that this site has a good capacity to absorb much more use without disturbing wildlife in other parts of Aldhurst Farm where ecological enhancements works have successfully established habitats for wildlife. Further visitor surveys at Aldhurst Farm must be undertaken pre-construction, and during the construction phase to monitor baseline use and any changes during construction due to the Sizewell C Project.

Plan Structure

1.1.8 The structure of this plan is as follows:

- Section 2: Scope: sensitive species and habitats;
- Section 3: Governance;
- Section 4: Monitoring; and
- Section 5: Mitigation Measures.

2 SCOPE: SENSITIVE SPECIES AND HABITATS

2.1.1 In the context of the Shadow HRA, in order to mitigate potential effects due to any net additional users or changes to behaviour due to the Sizewell C Project across these European sites, measures to reduce the potential disturbance to certain qualifying interest features are proposed. The species and habitats of concern for the European sites covered by this monitoring and mitigation plan, based on the findings of the **Shadow HRA Report [APP-145]** to **[APP-149]** are:

- Breeding nightjar;
- Breeding woodlark;
- European dry heath;
- Annual vegetation of drift lines; and
- Perennial vegetation of stony banks.

2.1.2 In addition to the breeding birds and habitats listed above, the **Shadow HRA Report** assessed the potential for disturbance due to increases in recreational pressure to affect other breeding populations of qualifying interest features of the Minsmere-Walberswick SPA (avocet, bittern, little tern, marsh harrier, gadwall, shoveler; and teal) and the non-breeding populations of gadwall, shoveler, white-fronted goose and hen harrier. For these species, there is limited potential for a direct disturbance effect as a result of recreational activities due to one or more reasons, including:

- relative inaccessibility of the wetland habitats used by populations of these birds within the core areas of the constituent reserves; and
- the predicted minor changes in visitor numbers and existing visitor management practices.

2.1.3 Notwithstanding the above, these species are included within the scope of this plan in order to provide assurance that there will be no adverse effects on these populations as a result of any changes in recreational usage.

2.1.4 Although not a species relevant to the scope of the Shadow HRA, stone curlew is a specially protected species which breeds on acid grassland and farmland across the areas covered by this plan and is considered to be particularly sensitive to disturbance. In addition, a range of heathland bird

species, which are not qualifying features of the European sites, are also present and are potentially sensitive to disturbance, including Dartford warbler as well as other more common breeding bird species. Measures to mitigate the potential effects of recreational displacement on nightjar and woodlark will also minimise the potential for effects on the other species found within these habitats that are potentially sensitive to this effect pathway.

3 GOVERNANCE

3.1 Deed of Obligation

3.1.1 Level 1 control documents will either be certified under the DCO at grant or annexed to the Deed of Obligation (DoO). All are secured and legally enforceable. Some Level 1 documents are compliance documents and must be complied with when certain activities are carried out. Other Level 1 documents are strategies or draft plans which set the boundaries for a subsequent Level 2 document which is required to be approved by a body or governance group. The obligations in the DCO and DoO set out the status of each Level 1 document.

3.1.2 This plan is a Level 1 document. The mitigation and monitoring requirements specified in this Plan are secured via the DoO (Doc Ref. 8.17(G) (see paragraph 6 of Schedule 11 (Natural Environment))). Further, the DoO makes provision for the following:

- SZC Co must carry out or procure the carrying out of the Initial Mitigation Measures and the monitoring required at the European sites as detailed in this plan;
- **European Sites Access Contingency Fund** is a fund to be established by SZC Co. for use in the circumstances where Additional Mitigation Measures at the European sites are identified as required (in accordance with this plan) to mitigate the impacts of additional recreational disturbance associated with the Project;
- Governance arrangements for the administration of the European Sites Access Contingency Fund (set out in further detail in the below sections).

3.1.3 Where further documents or details require approval, this plan states which body or governance group is responsible for the approval and/or must be consulted. Any approvals by East Suffolk Council, Suffolk County Council or the MMO will be carried out in accordance with the procedure in Schedule 23 of the dDCO. The DoO establishes the governance groups and sets out how these governance groups will run and, where appropriate, how decisions (including approvals) should be made. Any updates to these further documents or details must be approved by the same body or governance group and through the same consultation and procedure as the original document or details.

3.1.4 Where separate Level 1 or Level 2 control documents include measures that are relevant to the measures within this document, those measures have not been duplicated in this document, but cross-references have been included for context. Where separate legislation, consents, permits and licences are described in this document they are set out in the Schedule of Other Consents, Licences and Agreements (Doc Ref. 5.11) [REP3-011].

3.1.5 For the purposes of this document the term ‘SZC Co.’ refers to NNB Nuclear Generation (SZC) Limited (or any other undertaker as defined by the dDCO), its appointed representatives and the appointed construction contractors.

3.2 Ecology Working Group

3.2.1 In relation to this plan the Ecology Working Group (established by Schedule 11 of the DoO), will be responsible for:

- reviewing the monitoring undertaken in accordance with this plan; and
- identifying whether appropriate triggers have been exceeded for any relevant designated site included in the plan, i.e. Sandlings SPA (Sandlings (North) European site section), the Minsmere-Walberswick SPA and the Minsmere-Walberswick Heath and Marshes SAC (or a constituent part thereof) and then whether further investigation or Additional Mitigation Measures, beyond the Initial Mitigation Measures, are required, having carried out an assessment of data produced by monitoring to determine any linkage with the construction and operation of Sizewell C in accordance with **Sections 4.3** and **5** of this plan.

3.2.2 If the Ecology Working Group identifies that Additional Mitigation Measures are required in accordance with this plan, the Ecology Working Group will:

- agree, in consultation with land managers, (including but not limited to the RSPB, Natural England, the National Trust, Suffolk Wildlife Trust and Forestry England), how and when further investigation and/or Additional Mitigation Measures must be implemented;
- make written requests to the Environment Review Group (established by Schedule 11 of the **DoO**) to access monies from the [European Sites Access Contingency Fund](#) (provided for in paragraph 6, Schedule 11 of the DoO) to carry out the further investigation and/or the Additional Mitigation Measures;

- provide further information on request to the Environment Review Group, make recommendations to and advise the Environment Review Group on how the [European Sites Access Contingency Fund](#) should be spent based on its technical expertise and involvement in the monitoring;
- report to the Environment Review Group on the approved expenditure from the [European Sites Access Contingency Fund](#) and the effectiveness of such expenditure; and
- any other tasks agreed by the Ecology Working Group.

3.3 Environment Review Group

3.3.1 The Environment Review Group (established by Schedule 11 of the DoO) will receive reports and recommendations from the Ecology Working Group as to what further investigation and/or Additional Mitigation Measure(s) are necessary and appropriate based on the monitoring undertaken in accordance with this plan.

3.3.2 The Environment Review Group will:

- consider the reports and recommendations from the Ecology Working Group and decide whether the recommended further investigation and/or Additional Mitigation Measure(s) are necessary and appropriate in all the circumstances; and
- in the event that it decides the further investigation and/or recommended mitigation is necessary and appropriate, may approve written requests from the Ecology Working Group for monies to fund the recommended Additional Mitigation Measure(s); or
- defer its decision on such requests from the Ecology Working Group until the next meeting of the Environment Review Group, pending the provision of further information by the Ecology Working Group, if requested by the Environment Review Group.

3.3.3 Payments from the European Sites Access Contingency Fund to fund Additional Mitigation Measures are secured in Schedule 11 of the **DoO** and will only be made following approval by the Environment Review Group of a request received in writing from the Ecology Working Group detailing the amounts requested to be paid and details of the relevant further investigation and/or Additional Mitigation Measures.

3.3.4 In addition, the Environment Review Group shall:

- define the triggers in accordance with the principles in **Section 4.3** of this plan and revise them from time to time, if necessary in accordance with this plan to ensure they remain appropriate in light of the monitoring data;
- provide guidance to the Ecology Working Group on any issues that are referred to it; and
- refer any matter which it cannot agree to the Delivery Steering Group as established by Schedule 17 of the **DoO**) which will provide assistance and resolution on matters referred to it by the Environment Review Group where necessary.

4 MONITORING

4.1 Introduction

- 4.1.1 The purpose of the monitoring programme is to determine the scale and nature of use of the European sites before construction (to establish a baseline) and then any net change in use during the construction and operational phases. Additional Mitigation Measures and/or further investigation will be considered if monitoring during the construction and operational phases identifies additional users above agreed triggers. The potential for that increase in users to result in consequential changes in disturbance to habitats or bird species at the European sites will then be investigated with the benefit of existing monitored information and any further monitoring directed by the Ecology Working Group in order to identify Additional Mitigation Measures (in addition to proposed initial measures) which must be implemented to address the impact or risk of impact arising from increased visitor numbers and which is reasonably attributable to the displacement effects of Sizewell C.
- 4.1.2 In accordance with paragraph 6, Schedule 11 of the DoO, SZC Co will carry out or procure the carrying out of the monitoring programme in accordance with this plan.
- 4.1.3 The key principle underpinning the monitoring approach is to identify and measure potential changes in recreational use and behaviour arising from the Sizewell C Project as soon as possible so that action can be taken (via additional mitigation) before negative effects on qualifying interest features of European sites arise.
- 4.1.4 Ecological monitoring must be carried out in parallel with monitoring of recreational use and behaviour in order that the ecological conditions at the time of implementation (commencement of construction) can be established and the effect of any changes in recreational user numbers and behaviour can be detected.
- 4.1.5 Three survey methods will be employed:
- **Observation and questionnaire surveys** to record numbers of people and dogs and their behaviour at selected times of year;
 - **Automatic counters** set up on paths and the access road to Dunwich Heath Coastguard Cottages to record people movements continuously throughout the year; and

- **Ecological surveys** to establish baseline ecological conditions, determine whether any ecological effects are occurring and to assess the effectiveness of mitigation measures.

4.1.6 These three approaches are described further in **Section 4.2**.

4.2 Survey Method

a) Observation and Questionnaire Surveys

4.2.2 Initial visitor surveys (observations and questionnaires) undertaken before commencement of construction will record the specific use in the vicinity of the survey locations illustrated on **Figures 2, 3 and 4** and listed in **Table 4.1** and measure the frequency of use, types of activity and behaviour, and responses to any existing signage, footpaths and facilities. The surveyors will record the types of behaviour that might disturb breeding and non-breeding birds and damage habitats (see **Section 4.4**).

4.2.3 In relation to dog walkers, whether a dog is on or off lead will be recorded. In addition, it will be recorded whether a dog is on the path or in the vegetation further than 2m to the side of the path (i.e. beyond the distance it is likely to toilet before returning to the path).

4.2.4 Comparable construction and operational phase observation surveys of recreational user activity will be undertaken at the same locations and same seasons as the initial surveys and provide comparable data over different years. This approach will permit comparisons to be made and assessment of the appropriateness of the proposed trigger levels to inform the investigation of Additional Mitigation Measures.

4.2.5 The interaction with recreational users (answering the questionnaire surveys face to face or completing the survey form given to them on site and returning by post, or completing the survey online) will provide the opportunity to promote and direct users to the enhanced access facilities at the less sensitive sites including Kenton Hills and Aldhurst Farm.

4.2.6 Methods for data collection will be standardised and designed to be readily repeatable to allow changes and trends to be identified and permit valid comparison from one survey period to the next. Survey methods will be reviewed by the Ecology Working Group and adjusted at the Group's direction if necessary from time to time to enhance their effectiveness.

b) Automatic Counters

4.2.7 ‘Automatic counters’ will be used at paths and entry points at the locations shown on **Figures 2, 3 and 4** and listed in **Table 4.1**. These will record use 24 hours a day and 365 days a year, and provide accurate information on levels of use.

4.2.8 The survey locations will be subject to minor location refinement on site to ensure most effective locations are used.

Table 4.1: Visitor Survey Locations

| Survey location | |
|--|---|
| Survey locations at European Sites – observation and questionnaire surveys, and automatic people counters (blue dots on Figures 2 to 4) | |
| a | Walberswick Common |
| b | Walberswick Beach (south) |
| c | Newdelight Walks |
| d | Dunwich Beach |
| e | Westleton Heath |
| f | Cliff House (Suffolk Coast Path and Sandlings Walk) |
| g | Dunwich Heath (Suffolk Coast Path and Sandlings Walk) |
| h | Dunwich Heath National Trust car park |
| i | North Walks (Sandlings Walk) |
| j | Minsmere outer (Suffolk Coastal cycle route) |
| k | Minsmere Sluice footpath (Suffolk Coast Path) |
| l | Sizewell Beach car park |
| m | Sizewell Common (Sandlings Walk) |
| n | Aldringham Walks (Sandlings Walk) |
| Survey locations at European Sites – automatic people counters only (purple dots on Figures 2 to 4) | |
| 1 | Wolsey Bridge |
| 2 | East Hill |

| Survey location | |
|--|--|
| 3 | Sandymount Covert |
| 4 | Scottshall Coverts |
| 5 | Path to Dunwich Beach |
| 6 | The Walks |
| 7 | Margaret Wood |
| Survey locations at European Sites – automatic vehicle counter only (red dot on Figure 3) | |
| 50 | Access road to Dunwich Heath Coastguard Cottages |

c) Ecological Surveys

- 4.2.9 Habitat monitoring, focussed on the qualifying interest features of the Minsmere-Walberswick European sites, is proposed. This monitoring is set out in **Table 4.2**.
- 4.2.10 **Table 4.3** sets out the proposed monitoring in relation to qualifying breeding and non-breeding bird species of European sites.
- 4.2.11 The ecological monitoring will be undertaken in any event and is not linked to trigger levels. SZC Co. will discuss and agree the proposed locations for habitat monitoring with the Ecology Working Group and RSPB, Suffolk Wildlife Trust, National Trust and Forestry England (in relation to Sandlings North) to ensure the monitoring covers those areas of most concern to these organisations. The locations will include Dunwich Heath.
- 4.2.12 The ecological monitoring set out in **Table 4.2** and **Table 4.3** is in addition to the observational monitoring described above for the Observation and Questionnaire Surveys. Monitoring of breeding waterbirds (abundance and distribution for avocet, gadwall, shoveler and teal; indication of extent of usage for bittern) and non-breeding waterbirds (abundance and distribution) will also be undertaken in respect of the Minsmere South Levels in the context of the Minsmere-Walberswick European sites. This monitoring must be carried out by SZC Co. and is defined and secured in the **Terrestrial Ecology Monitoring and Mitigation Plan** (Doc Ref. 9.4(B)) by Requirement 4 of the draft DCO.

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Table 4.2: Proposed monitoring in relation to qualifying habitat features of European sites

| Qualifying interest feature (habitat type) | Potential impact / pressure | Proposed monitoring |
|--|--|--|
| European dry heath <ul style="list-style-type: none"> - Annual vegetation of drift lines - Perennial vegetation of stony banks | <ul style="list-style-type: none"> - Trampling - Nutrient enrichment | <ul style="list-style-type: none"> - Targeted habitat surveys at selected locations (covering each qualifying habitat) undertaken every two years. - Monitoring would follow the JNCC Common Standards Monitoring guidance as appropriate to the habitat type. - Fixed point photography. - Observations recorded by new wardens provided under this plan. |
| | <ul style="list-style-type: none"> - Burnt areas - Path widening - Formation of new routes - Littering | <ul style="list-style-type: none"> - Visual monitoring of broad-scale habitat impact, potentially using transect-based approach. - Observations recorded by new wardens provided under this plan |

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Table 4.3: Proposed monitoring in relation to qualifying bird species of European sites

| Qualifying interest feature (species) | Proposed monitoring | Timing |
|--|--|--------|
| Minsmere-Walberswick European sites Breeding nightjar | The RSPB Minsmere Reserve provides the main nesting areas for the species within the SPA, with birds also nesting in the Dunwich Forest parts of the Dingle Marshes Reserve. Data collected by the RSPB and others provide a good understanding of the baseline populations of breeding nightjar and similar data will be used in future to monitor change on an annual basis. | |
| Minsmere-Walberswick European sites Breeding little tern | The number of little terns breeding within the Minsmere-Walberswick SPA has declined since classification, coinciding with increases at colonies in the Benacre to Easton Bavents SPA, and Kessingland, to the north; as well as North Warren within the Sandlings SPA to the south. Since 2014, the little tern recovery project has operated in this area to protect colonies from disturbance by people and predators, as well as monitoring numbers and breeding success. Data collected via this monitoring provides a good understanding of the baseline populations of breeding little tern and similar data will be used in future to monitor change on an annual basis. | |

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| Qualifying interest feature (species) | Proposed monitoring | Timing |
|---|---|--------|
| <p>Sandlings (North) European site</p> <p>Breeding nightjar and woodlark</p> | <p>Sandlings (North) overlaps substantially with the RSPB's North Warren and Aldringham Walks Reserve, for which data on the abundance of breeding nightjar and woodlark are available from 2010 to 2018. These data provide a good understanding of the baseline populations of breeding nightjar and woodlark and similar data will be used in future to monitor change on an annual basis.</p> | |

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4.3 Use of Trigger Levels

4.3.1 Other than the trigger level defined below, trigger levels will be set and reviewed by the Environment Review Group (see **Section 3**), in accordance with the principles set out in this section.

4.3.2 The identification of a trigger level of net increased recreational use at which certain Additional Mitigation Measures or further investigation will be instigated is considered important because this will be the earliest indication that there may be increased risk of negative effects on qualifying interest features (i.e. changes in recreational user numbers could indicate both the potential for increased disturbance and a change in visitor profile, which could lead to changes in behavioural patterns, such as increased littering).

4.3.3 Notwithstanding the role of the Environment Review Group in setting trigger levels, an initial trigger level of a 5% increase of visitors to a site, over baseline visits, is proposed as a precautionary level at which the need for further investigation and potential Additional Mitigation Measures will be assessed by the Environment Review Group in consultation with the Ecology Working Group. It will be open to the Environmental Review Group to refine or modify that initial trigger. The mitigation measures to be considered for implementation at this point will be selected from the measures in **Table 5.2**. Trigger levels linked to other parameters (e.g. evidence of trampling) will also be defined by the Environmental Review Group informed by the Ecology Working Group which, if occurring, will trigger the deployment of mitigation measures.

4.3.4 The identification / agreement of further trigger levels needs to reflect a combination of factors, comprising:

- whether the net increase or changes in behaviour and pattern of use relates solely or primarily to the Sizewell C Project, or if the Sizewell C Project is making a significant contribution in combination with one or more other factors. This will be based on recorded warden observations and discussions with visitors, in combination with the observation, questionnaire and habitat surveys;
- whether the increase in net use or changes in behaviour and pattern of use is likely to be temporary or prolonged and is likely to be or is considered detrimental;
- the time of year, whether in or outside the breeding and non-breeding season for birds;

- the types of users, e.g. off road/night time cyclists, dogs quartering land where birds are nesting, roosting or feeding, unauthorised campers, walkers; and
- whether the increase or changes in behaviour and pattern of use is, or is likely to, negatively affect qualifying interest features of the European sites.

4.4 Recording Signs of Human Disturbance

4.4.1 If the trigger level is reached for any site, the Ecology Working Group will direct the need for further investigations to be made to assess signs of changes in visitor patterns and behaviours which may cause actual or potential negative effects to relevant qualifying interest features of European sites will be recorded by surveyors led by the SZC Co. funded wardens. Such signs might include, but are not limited to, additional:

- trampling of habitats;
- burnt habitat caused by barbeques, fires, cigarettes, etc;
- widening of paths;
- formation of new routes close to sensitive habitats or species; and
- littering and dog waste.

4.5 Survey Programme

4.5.1 The programmes for visitor and ecological surveys at specific years are described below. In addition to these formal surveys the wardens will, once appointed, observe and record visitors and their behaviour, and habitats and species, and any changes, throughout the year for each year of the construction phase and the early years of operation of Sizewell C.

a) Visitor Surveys Programme

4.5.2 In order to determine if the Sizewell C Project construction activity (or subsequent operational phase) is increasing the risk of negative effects due to net additional visitors or changes to behaviour at the European sites, the following programme is proposed for monitoring:

- Pre-construction initial monitoring of the current situation;

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- Annual monitoring during early years of construction up to (and including) peak years (construction years 1 to 7);
- Monitoring every two years during construction and after early / peak years (construction years post year 7; and
- Monitoring during early years of operation. Operational years 1 or 2 initially, but if the Environment Review Group considers that continuing visitor pressure as a result of Sizewell C requires monitoring beyond this initial period, monitoring will be continued for a further period to be determined by the Environment Review Group.

4.5.3 Visitor surveys will be undertaken three times a year in a monitoring year, in April/May, August and November to reflect peak and non-peak periods. This reflects spring / early summer as birds are actively nesting and breeding and when visitor numbers are likely to be high, August to record summer peak visitor use and November to record winter use.

4.5.4 The timing of these surveys is aligned with the periods when a change in visitor activity could result in increased disturbance effects on breeding nightjar and woodlark (and breeding waterbirds) and non-breeding waterbirds.

4.5.5 Monitoring during the construction early years will identify any changes in visitor numbers or behavioural patterns leading to potential problems (i.e. signs of human disturbance and actual or potential harm to qualifying interest features) at an early stage before they become established in the behaviours of visitors. The monitoring strategy will be adapted over the monitoring period if necessary, as the evidence accrues and to allow for relevant data gathering.

4.5.6 Baseline data is available on levels of use and types of users from the 2014 visitor observation and questionnaire surveys at seven locations close to the main development site (Book 6, Volume 2, Chapter 15, Appendix 15A of the Environmental Statement (ES) [\[APP-268\]](#)). In addition to identifying the levels and types of users, the 2014 surveys identified whether people are likely to displace to alternative locations during the construction phase to avoid the construction zone and, if they are, the alternative areas they would be most likely to visit instead. These surveys were undertaken in August and November 2014 and discussed with consultees including the RSPB, National Trust, Suffolk Wildlife Trust and Natural England, and were used to inform the Shadow HRA Recreational Disturbance Assessment (Book 5 Volume 10 Appendix E [\[APP-148\]](#)).

4.5.7 The initial monitoring surveys under this plan commenced in Summer 2021.

4.5.8 The initial pre-construction recreation monitoring will be undertaken using visitor surveys to gather information on how, when and why people use the European sites for recreation. These visitor surveys will use the same method of observation and questionnaire surveys used in 2014 and adapted for these surveys at European sites (e.g. to record more information on behaviour of people and dogs), informed by ongoing stakeholder engagement. The method and report of the 2014 surveys can be seen at Sizewell C Development Consent Order application document Volume 2 Chapter 15, Appendix 15A of the ES [\[APP-268\]](#).

b) Ecological Surveys Programme

4.5.9 With regard to monitoring the potential effect of trampling and nutrient enrichment on habitats, the monitoring proposed in **Table 4.2** will be undertaken according to the following programme, with seasonal timing aligned with the timing of the visitor surveys described in **Section 4.5a)**:

- Initial pre-construction monitoring ;
- Monitoring during construction year 1; and
- Construction years 4 and 7.

4.5.10 For the other potential impact / pressures referred to in **Table 4.2** (burnt areas, path widening, formation of new routes and littering), the survey programme will align with that identified in **Section 4.5a)** for the visitor survey programme.

5 MITIGATION MEASURES

5.1 Introduction

5.1.1 The mitigation approach comprises a range of measures which seek to address and mitigate potential effects on European sites. The approach is adaptive and will evolve and react as necessary, throughout the construction and early operational phases, to ensure that appropriate measures (beyond the Initial Mitigation Measures) are implemented, if they are required by the results of monitoring and reasonably attributable to the effects of Sizewell C.

5.1.2 Mitigation measures will comprise two types:

- **Initial Mitigation Measures** deployed at the commencement of construction on the basis that impacts may occur unless mitigation is implemented (Shadow Habitats Regulations Assessment Volume 1: Screening and Appropriate Assessment, Appendix E: Recreational Disturbance Assessment and Annex A: Recreational Disturbance Evidence Base [[APP-148](#) and [APP-149](#)]); and
- **Additional Mitigation Measures** will be deployed as necessary and will be dependent on any triggers that might be reached or evidence of changes in visitor numbers and behaviour which may increase the risk of disturbance to qualifying habitats and/or species, as determined by monitoring. These measures could be extensions to the Initial Mitigation Measures or entirely new measures to react to particular circumstances.

5.1.3 Potential mitigation measures are identified in **Table 5.1** and **Table 5.2** below, and will be developed in detail and implemented through the governance arrangements described in **Section 3** of this plan.

5.1.4 Any mitigation measures that are deemed to be required as a result of Sizewell C impacts will be additional to those currently in place and maintained by the owners and managers of land within European sites, or that arise from causes other than Sizewell C.

5.1.5 The need for Additional Mitigation Measures will be monitored through the observation and questionnaire surveys, automatic people and vehicle counters and ecological surveys, and through on-the-ground wardening (described further in **Section 5.3**). The survey results will be reviewed by the Ecology Working Group and the arrangements defined for identifying

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and delivering Additional Mitigation Measures will be followed as defined in **Section 3**.

- 5.1.6 Wardening, to observe and record potential disturbance and impacts, to communicate with and educate visitors on, inter alia, ecological sensitivities, appropriate behaviours, and alternative locations for recreation which would avoid sensitive areas at European sites, is an integral part of the mitigation strategy (see **Table 5.1**), and is designed to ensure that issues are identified and reacted to quickly and to minimise the risk of negative effects on qualifying interest features. Given that it will be difficult to separate impacts which might be attributable to recreational disturbance arising from the Sizewell C Project from impacts arising from other causes, the gathering of warden feedback in combination with the observation, questionnaire and habitat surveys will form part of the monitoring (e.g. through regular observation records) (as noted in **Table 4.2** and **Table 4.3**).
- 5.1.7 Mitigation approaches are aligned with relevant measures in Section 8 of the Habitats Regulations Assessment Recreational Disturbance Avoidance and Mitigation Strategy for Ipswich Borough, Babergh District, Mid Suffolk District and East Suffolk Councils (Reference 1) (referred to as the Suffolk Coast Recreational Disturbance Avoidance and Mitigation Strategy (RAMS)) but adapted to the specific site requirements of the European sites and potential for disturbance due to Sizewell C. The Suffolk Coast RAMS identifies the importance of a mix of measures to give certainty, stating “*A suite of mitigation measures should function together to have confidence that adverse effects arising from recreation have been prevented. Each measure taken alone is unlikely to give that certainty. A combination of measures, developed and targeted after analysis of available and gathered information has the potential to give the necessary certainty because of the combination of measures working together, reducing risk and building in contingency.*” (Paragraph 8.2.) This monitoring and mitigation plan follows the same principle.
- 5.1.8 SZC Co. will seek to align mitigation measures within this plan with the site access measures already in use by RSPB, National Trust, Suffolk Wildlife Trust, Natural England and other landowners and managers of the relevant European sites.
- 5.1.9 Mitigation measures have been proposed by landowners and managers and, where appropriate, incorporated into the potential mitigation measures described in **Section 5.2**.

5.2 Mitigation Measures

5.2.1 **Table 5.1** and **Table 5.2** set out the Initial Mitigation Measures and Additional Mitigation Measures respectively, and the locations which they may apply within the Minsmere-Walberswick and Sandlings (North) European sites. These would be in addition to other mitigating measures which SZC Co. has committed to and are secured through other consents, the dDCO and the DoO or other means including other Deed of Obligation funds as detailed below, which will combine to reduce the potential for additional recreational visits to European sites due to the Sizewell C Project. For example, committed mitigating measures secured outside this Monitoring and Mitigation Plan include:

- New recreational access provision at Aldhurst Farm including a car park, a definitive Public Right of Way, approximately 27ha of new designated Open Access Land where dogs can be exercised off-lead all year round, and informal footpaths, secured under discharged condition 25 of planning permission reference DC/14/4224/FUL (see Appendix A).
- Aldhurst Farm Enhancement Works – pursuant to paragraph 10, Schedule 11 of the **DoO** (Doc Ref. 8.17(G)), SZC Co. will use reasonable endeavours to prepare and submit a planning application for these works which include:
 - expanding the existing car park by up to 15 spaces;
 - a bird hide within the south eastern field for local residents and visitors, subject to the need to obtain any necessary planning permission;
 - ‘family benches’ and ‘perching benches’ at strategic locations across the site;
 - improvements to the existing PROW that runs adjacent to the sewage works and the northern boundary of the eastern field; and
 - adaptive and differential mowing regimes will be used to give a managed mosaic of surface vegetation that is good for people and nature.
- Improvements and enlargement to Kenton Hills car park (see Work No.1A(cc) of the draft DCO and Schedule 11 of the DoO (Doc Ref. 8.17(G) [\[AS-143\]](#)).

- Other improvements within the main development site including a new off-road bridleway from Sizewell Gap in the south to Eastbridge Road in the north, a new PRow (footpath) linking existing PRow and the B1122 south of the green rail route, and a new connection between Aldhurst Farm and Kenton Hills permissive footpath network (secured pursuant to Requirement 6A of the **dDCO** (Doc Ref. 3.1(I))).
- SZC Co. must make a financial contribution to the Suffolk Coast RAMS to mitigate potential recreational impacts from construction workers, targeted towards an agreed suite of measures from the Suffolk Coast RAMS mitigation package specific to the potential Sizewell C development impacts (paragraph 7, Schedule 11 of the DoO.).
- A suite of improvements to PRow will be funded through a Deed of Obligation financial contribution from SZC Co. to Suffolk County Council through the Rights of Way Fund. These include improvements to the Eastbridge to Minsmere sluice footpath (PRow E-363/020/0) to improve the surface and avoid flooding, to keep people to the right of way and prevent people diverting from the path where they may affect habitats or species (paragraph 16, Schedule 16 of the DoO).

5.2.2 Initial Mitigation Measures set out in **Table 5.1**, that are proposed to reduce the risk of additional recreational disturbance arising from the Sizewell C Project, will be implemented at the commencement of construction. SZC Co. must carry out or procure the carrying out of these measures as set out in the Deed of Obligation (Doc Ref. 8.17(G)) (see paragraph 6 of Schedule 11 (Natural Environment) of the draft Deed of Obligation), or they are secured through the Sizewell C **Code of Construction Practice (CoCP)** (Doc Ref. 8.11(E)) (by Requirement 2 of the draft DCO) as noted in **Table 5.1**.

Table 5.1 Initial Mitigation Measures

| Initial Mitigation Measure | Location | How funded / secured |
|--|------------------------|--|
| Wardening, signage, interpretation and awareness training | | |
| New wardening resource (see Section 5.3) to educate visitors (e.g. walkers, dog walkers, picknickers, runners and mountain bikers) about | All areas ² | European Sites Access Contingency Fund |

² 'All areas' means all land within the Minsmere-Walberswick European sites and Sandlings (North) European site

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| Initial Mitigation Measure | Location | How funded / secured |
|---|--|---|
| <p>desired behaviours, impacts of disturbance, impacts of dogs off leads, give out dog waste bags, suitability of routes for different uses and location of sensitive areas, and promote alternative locations to visitors, for example Aldhurst Farm and Kenton Hills.</p> <p>Engagement with dog walkers on the use of leads (of max 2m length) or on the paths at sensitive times and places, along with suggesting alternative, accessible and attractive routes and areas that can better accommodate off-lead exercise.</p> <p>Also new signage on desired behaviours, impacts of disturbance, impacts of dogs off leads, suitability of routes for different uses and location of sensitive areas.</p> | | |
| <p>Signage to educate visitors re importance of vegetated shingle and beach nesting birds and requesting avoidance</p> | <p>Minsmere beach, Dingle frontage, Dunwich Heath's beach</p> | <p>European Sites Access Contingency Fund</p> |
| <p>Signage to educate visitors re fire risk and request no BBQs/fires, care with cigarettes etc.</p> | <p>Westleton Heath, the outer areas of RSPB Minsmere, Dunwich Heath, Aldringham Walks and North Warren</p> | <p>European Sites Access Contingency Fund</p> |

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| Initial Mitigation Measure | Location | How funded / secured |
|--|---|--|
| Signage to educate visitors and request that waste is taken home as appropriate to the protocol in place at the given site. For example, some locations have bins suitable for bagged dog waste where signs to take dog waste home would not be appropriate. | Westleton Heath, the outer areas of RSPB Minsmere, Dunwich Heath, Aldringham Walks and North Warren | European Sites Access Contingency Fund |
| Where there is no right of access, access restrictions (e.g. locked gates, mesh on gates to restrict dog access), signage to reduce access onto sensitive habitats. Provision of information on where to go instead. | Westleton Heath, the outer areas of RSPB Minsmere, Dunwich Heath, Aldringham Walks and North Warren | European Sites Access Contingency Fund |
| Information pack provided to Sizewell C campus and LEEIE caravan park residents. Make aware of wildlife friendly locations that are especially suitable for walking and cycling outside European sites. Inform and educate about sensitive species and habitats, threats and appropriate behaviours. | All areas | This plan |
| Code of conduct information included in induction materials for all Sizewell C construction workers (not just those at campus and LEEIE caravan park). Oral briefings at worker inductions or toolbox talks. Inform and educate about | All areas | This plan |

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| Initial Mitigation Measure | Location | How funded / secured |
|--|--|--|
| sensitive species and habitats, threats and appropriate behaviours. | | |
| Leaflets on sites and at public buildings | All areas | European Sites Access Contingency Fund |
| Website and social media posts | All areas | European Sites Access Contingency Fund |
| Sizewell C interpretation signage | Dunwich Heath Coastguard Cottages, Sizewell beach car park | European Sites Access Contingency Fund |
| Free compostable dog waste bags, overprinted with key information or (e.g. behaviour messages, alternative locations to walk dogs) | Various popular visitor locations at European sites to be defined. Local vets, pet shops, dog groomers, dog training clubs. | European Sites Access Contingency Fund |
| Parking | | |
| Review and definition of informal parking areas at Westleton Heath and the periphery of RSPB Minsmere marked O and N on Figure 3 and at Aldringham Walks and North Warren marked S, T and X on Figure 4. Proactive | Westleton Heath, the outer areas of RSPB Minsmere, Aldringham Walks and | European Sites Access Contingency Fund |

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| Initial Mitigation Measure | Location | How funded / secured |
|--|--|--|
| management of informal parking to focus parking in desired areas. | North Warren | |
| Subsidise parking at Sizewell beach car park during the construction phase so that it is free or reduced cost to the public, to increase its attractiveness as a recreational location away from European Sites. | Sizewell beach, potentially benefiting all areas | European Sites Access Contingency Fund |
| Measures to paths and access | | |
| Adaption of access routes to guide appropriate uses (surfacing, barriers, signage) | All areas | European Sites Access Contingency Fund |

5.2.3 A strategy to identify, justify, approve and implement Additional Mitigation Measures, to ensure that there is no delay to their delivery, and that the measures ensure that no AEoI of European sites occur, will be developed post-consent and pre-construction. The process identified at this stage is as follows, unless otherwise agreed with the Ecology Working Group.

5.2.4 The Ecology Working Group will review the monitoring undertaken in accordance with **Section 4** of this plan and assess whether the Sizewell C Project is creating additional recreational disturbance which requires further mitigation. The Ecology Working Group may recommend to the Environment Review Group that any one or more of the measures identified in **Table 5.2** should be implemented to mitigate additional recreational disturbance arising from the Sizewell C Project. The Environment Review Group will consider the recommendations from the Ecology Working Group and determine what measures should be implemented. These additional measures will be funded by accessing funding from the European Sites Access Contingency Fund (paragraph 6, Schedule 11 of the DoO) following approval from the Environment Review Group in accordance with **Section 3** of this plan.

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Table 5.2 Additional Mitigation Measures

| Additional Mitigation Measure | Location | How funded / secured |
|--|--|--|
| Wardening, signage, interpretation and awareness training (implemented at relevant trigger level) | | |
| Additional warden resource | All areas | European Sites Access Contingency Fund |
| Additional signage to educate visitors about specific issues which arise and alternative locations for wanted activities | All areas | European Sites Access Contingency Fund |
| Additional signage to inform and educate visitors re importance of vegetated shingle nesting birds and requesting avoidance | Minsmere beach, Dingle frontage, Dunwich Heath beach | European Sites Access Contingency Fund |
| Dog walking champions to model positive behaviour, engage with other dog walkers, give out dog waste bags (printed with desired messages), advise on the use of leads (of max 2m length) or on the paths at sensitive times and places, along with suggesting alternative, accessible and attractive routes and areas that can better accommodate off-lead exercise. | All areas | European Sites Access Contingency Fund |
| Measures to paths and access | | |
| Additional exclosures around vegetated shingle patches and/or nests | Minsmere beach, Dingle frontage, Dunwich Heath beach | European Sites Access Contingency Fund |
| Additional path improvements or provision of new routes to encourage people to keep to | All areas | European Sites Access |

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| Additional Mitigation Measure | Location | How funded / secured |
|--|---|--|
| specific routes, focussing access away from sensitive locations | | Contingency Fund |
| Eastbridge to Minsmere sluice footpath re-routing and barriers to physical access (e.g. locked gates, mesh on gates to restrict dog access) to reduce access onto sensitive habitats. Maintain the route of the definitive PRow. | Eastbridge to Minsmere sluice footpath PRow E-363/020/0 | European Sites Access Contingency Fund |
| Creation/maintenance of firebreaks | Westleton Heath, the outer areas of RSPB Minsmere, Dunwich Heath, Aldringham Walks and North Warren | European Sites Access Contingency Fund |
| Provision of dual use bins to accept both general litter and bagged dog waste (including regular emptying) | Westleton Heath, the outer areas of RSPB Minsmere, Dunwich Heath, Aldringham Walks and North Warren | European Sites Access Contingency Fund |
| Parking | | |
| Additional proactive management of informal parking to focus parking in desired areas. Closing off new informal parking areas if they develop. | Westleton Heath, the outer areas of RSPB Minsmere, Dunwich Heath, | European Sites Access Contingency Fund |

| Additional Mitigation Measure | Location | How funded / secured |
|---|-----------------------------------|--|
| | Aldringham Walks and North Warren | |
| Additional bespoke measures | | |
| Additional bespoke mitigation measures which are identified at any time, which may be necessary but cannot be identified now. | All areas | European Sites Access Contingency Fund |

5.2.5 The visitor surveys conducted at the start of the breeding season in April/May will ensure that any measures which are deemed necessary as a result of those surveys can be instigated during the same breeding season to secure an immediate effect. Whether a measure will need to be in place on a temporary or permanent basis will be assessed by the Ecology Working Group and confirmed by the Environment Review Group at intervals to be agreed by the Environment Review Group. The Environment Review Group will review the appropriateness of the trigger levels from time to time and adjust them as necessary in accordance with advice received from the Ecology Working Group based on its assessment of the monitoring data.

5.3 Staff Resources

5.3.1 SZC Co. must provide funding for the new wardening resource specified in **Table 5.1** via the European Sites Access Contingency Fund committed to in the Deed of Obligation (Doc Ref. 8.17(G)) [\[REP3-024\]](#). Four new full time wardens whose key purpose will be to ensure the protection of sensitive habitats and species across the Minsmere-Walberswick European site and Sandlings (North) European site from potential negative effects arising from the Sizewell C Project will be funded specifically to carry out monitoring and mitigation work and public engagement in accordance with this plan. The financial contribution secured via the **Deed of Obligation** (Doc Ref. 8.17(G)) [\[REP3-024\]](#) must fund one full time Lead Warden and three field wardens, who will work closely with existing site managers, wardens and volunteers. The wardens will be responsible for or involved in a number of tasks including:

- Leading survey and monitoring work (visitor surveys and ecological monitoring);

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- Observing and recording visitor levels and behaviour, and species and habitats, all year round, including between the main visitor and ecological survey and monitoring periods;
 - Attendance at Environment Review Group meetings – Lead Warden;
 - Liaising with RSPB, National Trust, Suffolk Wildlife Trust and Natural England's site managers, wardens and rangers to ensure work is co-ordinated with existing site objectives and practices, to gather information on issues, need for mitigation and success of mitigation;
 - Regular reports to the Ecology Working Group on the findings of survey and monitoring work, whether changes in visitors is, or is at immediate risk of, causing disturbance to habitats or species and whether this is due to the Sizewell C Project or other reasons– Lead Warden;
 - Recommendations and advice on when, where and how mitigation to prevent any disturbance caused by the Sizewell C Project should be implemented – Lead Warden;
 - Overseeing implementation of mitigation;
 - Observing success of mitigation and the need for further mitigation; and
 - Engaging with the public and construction workers to encourage recreational use that does not harm species or habitats at European sites.

REFERENCES

1. Department of Energy and Climate Change (July 2011). National Policy Statement for Nuclear Power Generation (EN-6).
2. Hoskin, R., Liley, D. & Panter, C. (2019). Habitats Regulations Assessment Recreational Disturbance Avoidance and Mitigation Strategy for Ipswich Borough, Babergh District, Mid Suffolk District and East Suffolk Councils – Technical Report. Footprint Ecology. [<http://www.eastsuffolk.gov.uk/planning/developer-contributions/rams/>. Accessed 12/3/21]

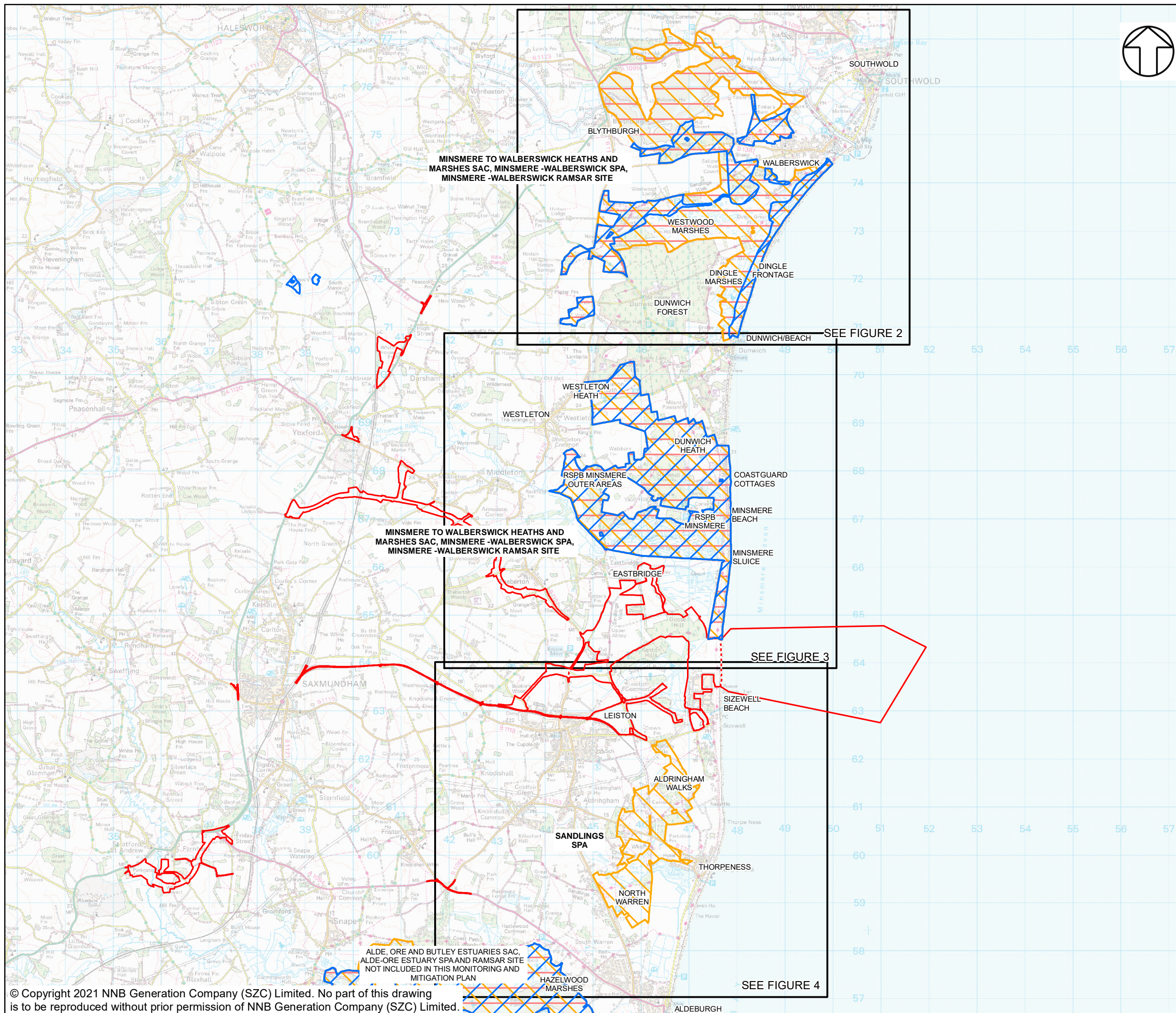
FIGURES

Figure 1: Location Plan

Figure 2: Proposed Survey Locations Minsmere-Walberswick European Sites (North)

Figure 3: Proposed Survey Locations Minsmere-Walberswick European Sites (South)

Figure 4: Proposed Survey Locations Sandlings (North) European Site



NOTES
 PROPOSED SURVEY AND AUTOMATIC COUNTER LOCATIONS ARE PROVISIONAL AND WILL BE REFINED FOLLOWING DETAILED SITE WORK TO ENSURE THAT THE MOST EFFECTIVE LOCATIONS ARE USED

- KEY**
- SIZEWELL C AND ASSOCIATED DEVELOPMENT SITE BOUNDARIES
 - - - DEMARCATION LINE
 - ▭ SPECIAL AREA OF CONSERVATION (SAC)
 - ▭ SPECIAL PROTECTION AREA (SPA)
 - ▭ RAMSAR

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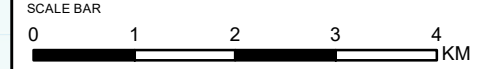


DOCUMENT:
 SIZEWELL C
 MONITORING AND MITIGATION PLAN FOR
 MINSMERE – WALBERSWICK AND SANDLINGS
 (NORTH)

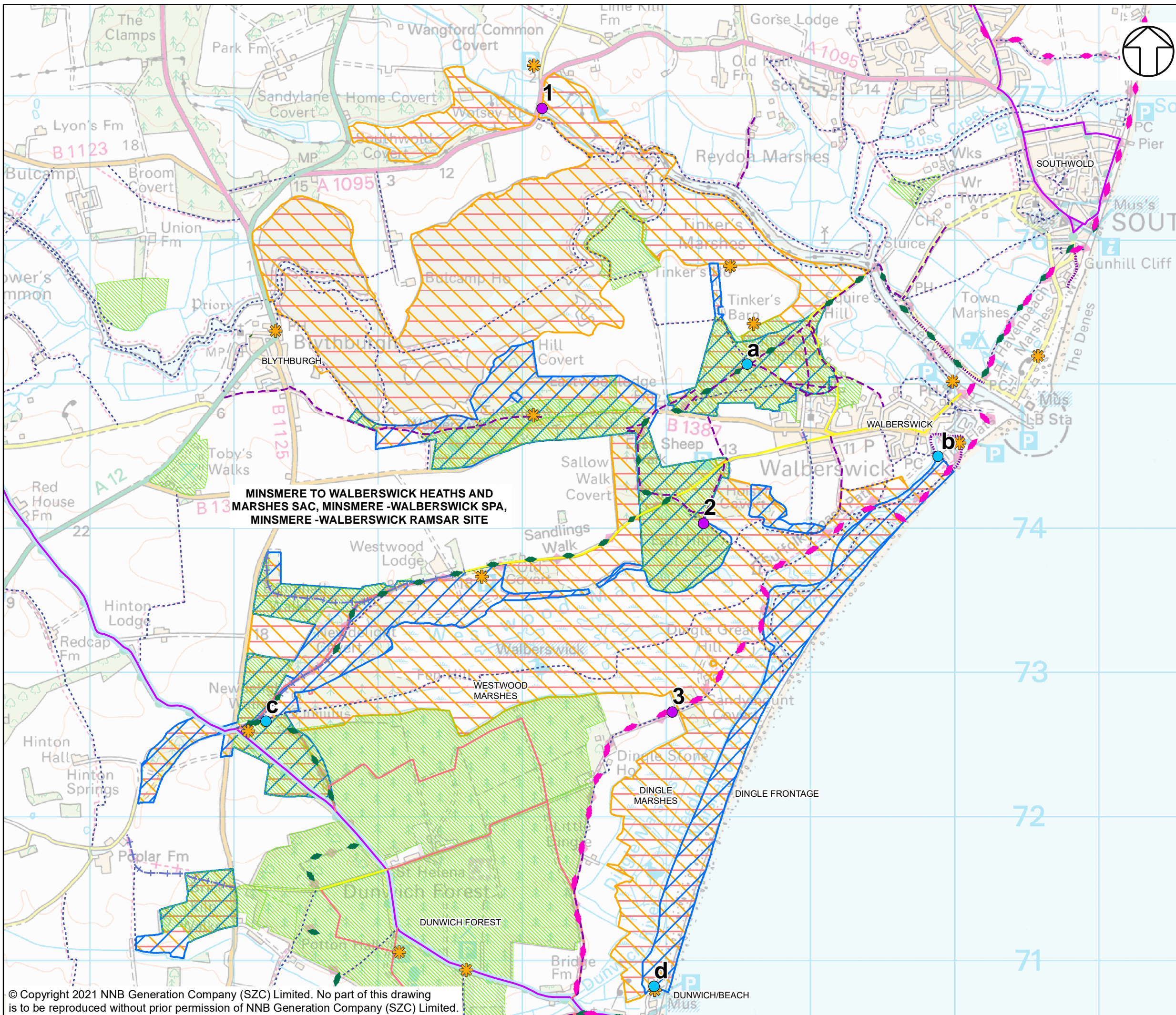
DRAWING TITLE:
 FIGURE 1:
 LOCATION PLAN

DRAWING NO:
 6839_SK_116

DATE: AUG 2021 **DRAWN:** V.W. **SCALE:** 1:75,000 @A3 **REV:** 02



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MINSMERE TO WALBERSWICK HEATHS AND MARSHES SAC, MINSMERE-WALBERSWICK SPA, MINSMERE-WALBERSWICK RAMSAR SITE

NOTES
 PROPOSED SURVEY AND AUTOMATIC COUNTER LOCATIONS ARE PROVISIONAL AND WILL BE REFINED FOLLOWING DETAILED SITE WORK TO ENSURE THAT THE MOST EFFECTIVE LOCATIONS ARE USED

- KEY**
- SPECIAL AREA OF CONSERVATION (SAC)
 - SPECIAL PROTECTION AREA (SPA)
 - RAMSAR

- ✱ CAR PARK ACCESS SITE LOCATIONS AT EUROPEAN SITES
- PROPOSED OBSERVATION AND QUESTIONNAIRE SURVEY AND AUTOMATIC PEOPLE COUNTER LOCATIONS
- PROPOSED AUTOMATIC PEOPLE COUNTERS

- PUBLIC RIGHTS OF WAY AND PUBLIC ACCESS**
- RECREATIONAL ROUTE: SANDLINGS WALK (LONG DISTANCE WALKING ROUTE)
 - RECREATIONAL ROUTE: SUFFOLK COAST PATH (LONG DISTANCE WALKING ROUTE)
 - - - FOOTPATH
 - - - BRIDLEWAY
 - - - BYWAY
 - - - RESTRICTED BYWAY
 - SUSTRANS REGIONAL CYCLE ROUTE (RCR) (42)
 - SUFFOLK COASTAL CYCLE ROUTE
 - ALTERNATIVE CYCLE ROUTES/SHORT CUTS/DETOURS ON ROAD
 - OFF ROAD CYCLE ROUTES
 - REGISTERED COMMON LAND
 - OPEN ACCESS LAND

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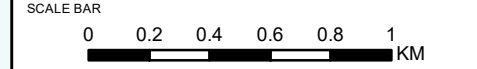


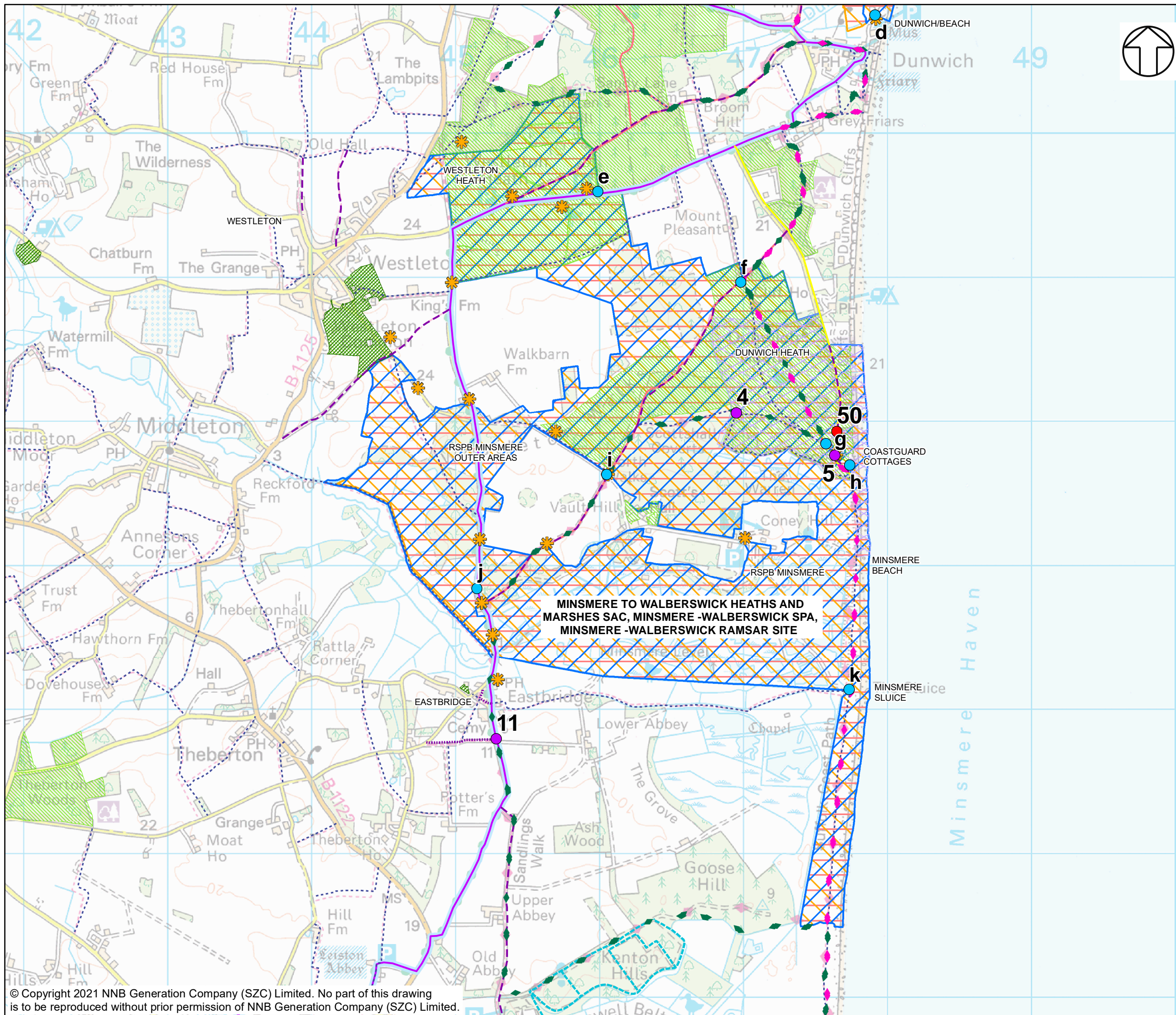
DOCUMENT:
 SIZEWELL C
 MONITORING AND MITIGATION PLAN FOR
 MINSMERE – WALBERSWICK AND SANDLINGS
 (NORTH)

DRAWING TITLE:
 FIGURE 2:
 PROPOSED SURVEY LOCATIONS
 MINSMERE-WALBERSWICK EUROPEAN SITES
 (NORTH)

DRAWING NO:
 6839_SK_108

DATE: AUG 2021 **DRAWN:** V.W. **SCALE:** 1:25,000 @A3 **REV:** 02





NOTES
 PROPOSED SURVEY AND AUTOMATIC COUNTER LOCATIONS ARE PROVISIONAL AND WILL BE REFINED FOLLOWING DETAILED SITE WORK TO ENSURE THAT THE MOST EFFECTIVE LOCATIONS ARE USED

- KEY**
- SPECIAL AREA OF CONSERVATION (SAC)
 - SPECIAL PROTECTION AREA (SPA)
 - RAMSAR

- * CAR PARK ACCESS SITE LOCATIONS AT EUROPEAN SITES
- PROPOSED OBSERVATION AND QUESTIONNAIRE SURVEY AND AUTOMATIC PEOPLE COUNTER LOCATIONS
- PROPOSED AUTOMATIC PEOPLE COUNTERS
- PROPOSED AUTOMATIC VEHICLE COUNTER

- PUBLIC RIGHTS OF WAY AND PUBLIC ACCESS**
- RECREATIONAL ROUTE: SANDLINGS WALK (LONG DISTANCE WALKING ROUTE)
 - RECREATIONAL ROUTE: SUFFOLK COAST PATH (LONG DISTANCE WALKING ROUTE)
 - - - FOOTPATH
 - - - BRIDLEWAY
 - - - RESTRICTED BYWAY
 - - - PERMISSIVE PATHS IN EDF ENERGY ESTATE (ADAS)
 - - - SUSTRANS REGIONAL CYCLE ROUTE (RCR) (42)
 - - - SUFFOLK COASTAL CYCLE ROUTE
 - - - ALTERNATIVE CYCLE ROUTES/SHORT CUTS/DETOURS ON ROAD
 - - - OFF ROAD CYCLE ROUTES
 - REGISTERED COMMON LAND
 - OPEN ACCESS LAND
 - NATIONAL TRUST OPEN ACCESS 24HRS

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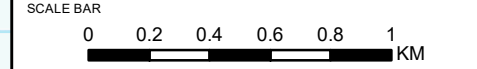


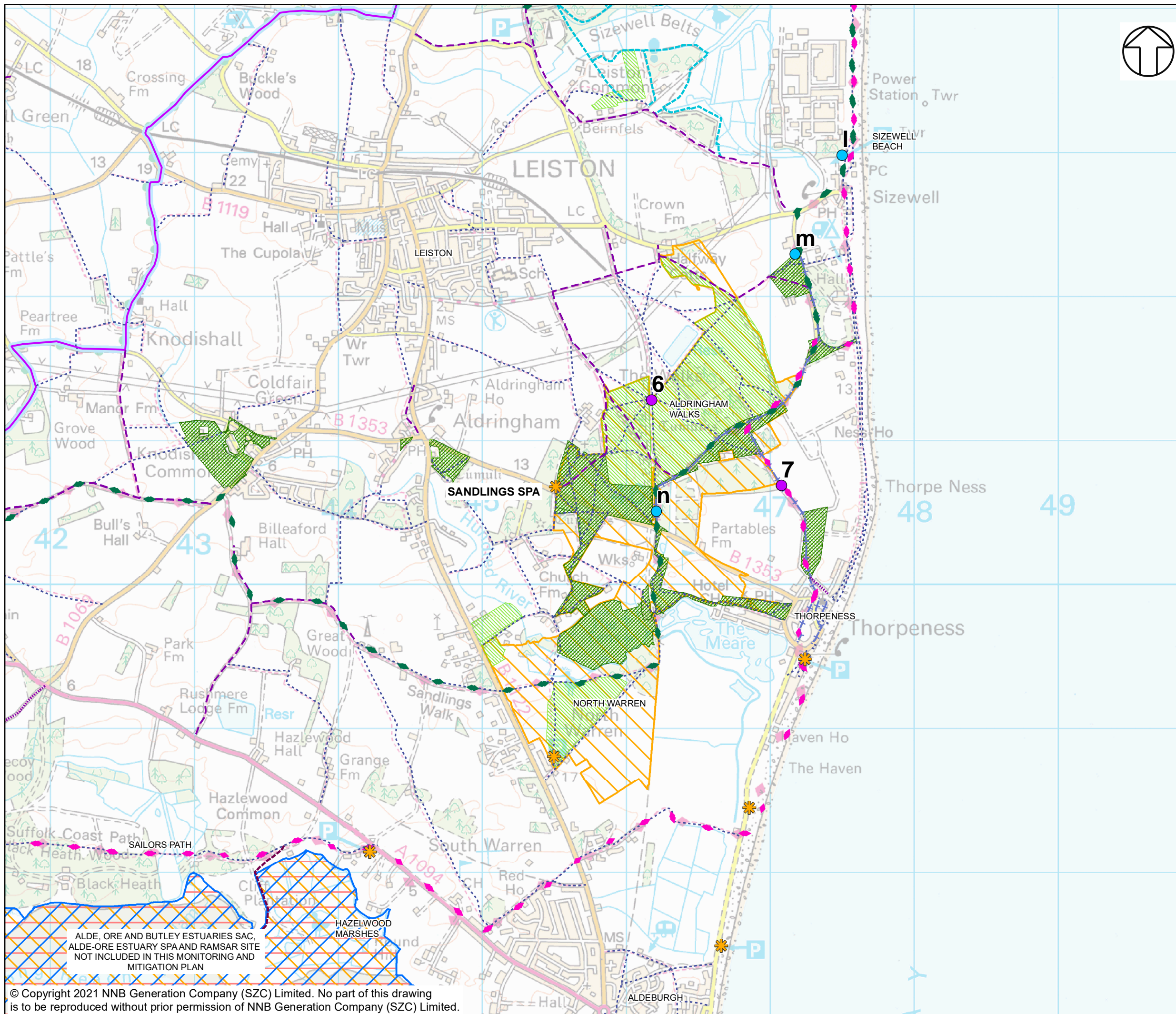
DOCUMENT:
 SIZEWELL C
 MONITORING AND MITIGATION PLAN FOR
 MINSMERE - WALBERSWICK AND SANDLINGS
 (NORTH)

DRAWING TITLE:
 FIGURE 3:
 PROPOSED SURVEY LOCATIONS
 MINSMERE-WALBERSWICK EUROPEAN SITES
 (SOUTH)

DRAWING NO:
 6839_SK_109

DATE: AUG 2021 **DRAWN:** V.W. **SCALE:** 1:25,000 @A3 **REV:** 02





NOTES
 PROPOSED SURVEY AND AUTOMATIC COUNTER LOCATIONS ARE PROVISIONAL AND WILL BE REFINED FOLLOWING DETAILED SITE WORK TO ENSURE THAT THE MOST EFFECTIVE LOCATIONS ARE USED

- KEY**
- SPECIAL AREA OF CONSERVATION (SAC)
 - SPECIAL PROTECTION AREA (SPA)
 - RAMSAR

- CAR PARK ACCESS SITE LOCATIONS AT EUROPEAN SITES
- PROPOSED OBSERVATION AND QUESTIONNAIRE SURVEY AND AUTOMATIC PEOPLE COUNTER LOCATIONS
- PROPOSED AUTOMATIC PEOPLE COUNTERS

- PUBLIC RIGHTS OF WAY AND PUBLIC ACCESS**
- RECREATIONAL ROUTE: SANDLINGS WALK (LONG DISTANCE WALKING ROUTE)
 - RECREATIONAL ROUTE: SUFFOLK COAST PATH (LONG DISTANCE WALKING ROUTE)
 - FOOTPATH
 - BRIDLEWAY
 - BYWAY
 - RESTRICTED BYWAY
 - PERMISSIVE PATHS IN EDF ENERGY ESTATE (ADAS)
 - SUSTRANS REGIONAL CYCLE ROUTE (RCR) (42)
 - SUFFOLK COASTAL CYCLE ROUTE
 - REGISTERED COMMON LAND
 - OPEN ACCESS LAND
 - TRAIL TO BIRD HIDE

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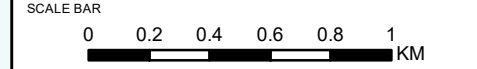


DOCUMENT:
 SIZEWELL C
 MONITORING AND MITIGATION PLAN FOR
 MINSMERE – WALBERSWICK AND SANDLINGS
 (NORTH)

DRAWING TITLE:
 FIGURE 4:
 PROPOSED SURVEY LOCATIONS
 SANDLINGS (NORTH) EUROPEAN SITE

DRAWING NO:
 6839_SK_110

| | | | |
|--------------------------|-----------------------|-------------------------------|-------------------|
| DATE: AUG 2021 | DRAWN: V.W. | SCALE: 1:25,000 @A3 | REV: 02 |
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APPENDIX A: ALDHURST FARM ACCESS PROVISION



INTERNAL BUSINESS COLLABORATOR REFERENCE
NOT APPLICABLE FOR ALL FIGURES

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KEY

- PROPOSED**
- CAR PARKING SPACES
 - PEDESTRIAN ACCESS POINT
 - SURFACED PATH
 - MOWN PATH
 - FENCE
- EXISTING**
- LOWLAND HEATH MOSAIC
 - INDICATIVE SCRUB, BROADLEAF AND CONIFEROUS WOODLAND PLANTING
 - OPEN WATER
 - HABITAT CREATION (WET REEDBED)
 - HABITAT CREATION (DRY REEDBED)
 - WATERCOURSE
 - EXISTING TREES AND HEDGES
 - PUBLIC RIGHT OF WAY
 - FENCE



DOCUMENT:
ALDHURST FARM HABITAT CREATION SCHEME

DRAWING TITLE:
ACCESS AND RECREATION PROPOSAL - CONDITION 25

DRAWING NO: **6839_10005A**

DATE: **NOV 2020** DRAWN: **MM** SCALE: **1:3,500 @A3**



DRAWING SECURITY CLASSIFICATION:

PROTECTIVE MARKING REQUIRED

NOT PROTECTIVELY MARKED

ANNEX V
MMP FOR SANDLINGS (CENTRAL) AND ALDE-ORE ESTUARY

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APPENDICES

APPENDIX A: ALDHURST FARM ACCESS PROVISION 31

1 INTRODUCTION

1.1.1 This monitoring and mitigation plan sets out how monitoring and, if necessary, mitigation with respect to recreational disturbance must be implemented at three European sites¹ to ensure that adverse effect on the integrity (AEol) of the sites does not arise as a consequence of this effect pathway.

1.1.2 The three sites within the scope of this monitoring and mitigation plan (referred to collectively in this monitoring and mitigation plan as the “European sites”) are (see **Figure 1**):

- Alde–Ore Estuary Special Protection Area (SPA).
- Alde–Ore Estuary Ramsar site.
- Sandlings SPA (the area comprising Tunstall Forest and Snape Warren, referred to as Sandlings (Central) in this monitoring and mitigation plan).

1.1.3 This plan is named the ‘**MMP for Sandlings (Central) and Alde-Ore Estuary**’ (Annex V of the DoO Doc Ref. 8.17(G)) which means the monitoring and mitigation plan for the Sandlings SPA (the area comprising Tunstall Forest and Snape Warren), Alde-Ore Estuary SPA and Alde–Ore Estuary Ramsar site.

1.1.4 A separate monitoring and mitigation plan has been developed for the Minsmere European sites (Minsmere to Walberswick SPA and Ramsar site and Minsmere to Walberswick Heaths and Marshes Special Area of Conservation (SAC)) and the northern part of the Sandlings SPA at North Warren and Aldringham Walks. The plan for these sites is now titled the ‘**MMP for Minsmere – Walberswick and Sandlings (North)**’ (Annex U of the DoO (Doc Ref. 8.17(G))) which means the monitoring and mitigation plan for the northern part of the Sandlings SPA at North Warren and Aldringham

¹ Special Areas of Conservation (SAC), Special Protection Areas (SPA) and sites that are in the process of designation (proposed SACs, candidate SACs and potential SPAs)). Under planning policy in England, Ramsar sites are treated in the same way as European sites. SACs and SPAs in the UK no longer form part of the EU’s Natura 2000 ecological network. The Conservation of Habitats and Species (Amendment) (EU Exit) Regulations 2019 have created a national site network on land and at sea, including both the inshore and offshore marine areas in the UK. The national site network includes:

- existing SACs and SPAs.
- new SACs and SPAs designated under the 2019 Regulations.

Any references to Natura 2000 in The Conservation of Habitats and Species Regulations 2017 and in guidance now refers to the new national site network.’ See <https://cieem.net/brexit-changes-to-the-habitats-regulations/>

Walks), the Minsmere-Walberswick SPA, the Minsmere-Walberswick Heath and Marshes SAC and the Minsmere-Walberswick Ramsar site. An updated version of that plan was submitted at Deadline 5 [REP5-105], and a further update is submitted at Deadline 8. An earlier draft of that plan was titled the **Monitoring and Mitigation Plan for Minsmere - Walberswick European Sites and Sandlings (North) European Site** [REP2-118] and was submitted to examination at Deadline 2.

- 1.1.5 The reason for the preparation of two plans covering the various European sites is to reflect the different approach required to monitoring and any mitigation across the European sites in light of the conclusions of the **Shadow Habitats Regulations Assessment (HRA) Report** [APP-145 to APP-149]) and **Shadow HRA Second Addendum** [REP2-032]). The **Shadow HRA Addendum** [AS-173]) and **Shadow HRA Third Addendum** (Doc Ref. 5.10 [REP7-279]) assessed Proposed Changes to the Application. Recreational disturbance is not a pathway that is relevant to the assessment of those Proposed Changes and, therefore, the **Shadow HRA Addendum** and **Shadow HRA Third Addendum** are not relevant to this monitoring and mitigation plan. The “Shadow HRA Report” refers to the full shadow habitats regulations assessment as made up by the report and these addendums.
- 1.1.6 The **Shadow HRA Report** concludes that during the construction of Sizewell C there could be displacement of recreational users to European sites and recreational visits from the construction workforce.
- 1.1.7 For the European sites included in this monitoring and mitigation plan, the **Shadow HRA Report** does not rely on the implementation of site-specific mitigation measures in order to reach a conclusion of no AEoI. However, because there is the potential for additional users of areas within the Alde–Ore Estuary SPA and Ramsar site and the central parts of Sandlings SPA, a precautionary approach has been adopted and this plan sets out how a monitoring regime must be established to determine whether mitigation measures may be necessary and how they will be secured and delivered.
- 1.1.8 For the bird qualifying features of the Alde–Ore Estuary SPA and Ramsar site (see section 2 of this plan), the **Shadow HRA Report** concluded that overall, while there could be an increase in the number of visits to some locations around the Alde-Ore Estuary, limited accessibility to habitats used by breeding and wintering waterbirds and seabirds indicates that it is unlikely that an increase in recreational pressure would lead to an increase in direct or indirect effects of disturbance, so that an adverse effect on the populations of SPA or Ramsar site qualifying features is considered unlikely.

- 1.1.9 With regard to Criterion 2 of the Alde–Ore Estuary Ramsar site (see section 2 of this plan), the **Shadow HRA Report** concludes that the habitat that may be affected by an increase in recreational pressure is vegetated shingle. This is a nationally rare and relatively fragile habitat which supports a highly specialised flora. However, the estimated increase is small (less than 10%) relative to the existing annual recreational visits and any increase in pressure would be diffuse and spread across a large number of potential car park access points.
- 1.1.10 For the Sandlings SPA, the **Shadow HRA Report** proposes that existing arrangements to manage recreational access at Aldringham Walks and North Warren (i.e. the northern part of Sandlings SPA) be enhanced in these areas to minimise the potential for any increase in disturbance pressure on breeding nightjar and woodlark, but no other mitigation is proposed for other areas of Sandlings SPA. It is for this reason that the northern part of Sandlings SPA is included in a separate monitoring and mitigation plan, together with the Minsmere European sites (Annex U of the DoO (Doc Ref. 8.17(G))).
- 1.1.11 A number of measures have already been secured through the dDCO and DoO which will reduce potential recreational displacement to European sites. While these measures are listed in **Section 5.2** for context, they are not secured by this plan. These measures include Public Right of Way (PRoW) and access improvement proposals around the main development site, keeping the coast path open at all times except in rare circumstances when it may need to be closed for short periods if it is unsafe to keep it open, and the designation of 27 hectares of Open Access land where dogs will be allowed to be exercised off-lead, a new PRoW and a new car park at Aldhurst Farm (secured under discharged condition 25 of planning permission reference DC/14/4224/FUL see **Appendix A**). In 2019 fewer than two people were recorded per hour over a 30 hour survey period at Aldhurst Farm, making use of parts of the areas that are to be dedicated Open Access land where dogs can be exercised off-lead all year, indicating that this site has a good capacity to absorb much more use without disturbing wildlife in other parts of Aldhurst Farm where ecological enhancement works have successfully established habitats for wildlife. Further visitor surveys at Aldhurst Farm must be undertaken before and throughout construction to monitor baseline use and any changes during construction due to the Sizewell C Project.

Plan Structure

1.1.12 The structure of this plan is as follows:

- Section 2: Scope: sensitive species and habitats.
- Section 3: Governance.
- Section 4: Monitoring.
- Section 5: Mitigation Measures.

2 SCOPE: SENSITIVE SPECIES AND HABITATS

2.1.1 The species and habitats relevant to the European sites covered by this monitoring and mitigation plan, based on the findings of the **Shadow HRA Report** are:

- Alde–Ore Estuary SPA - non-breeding avocet, redshank and ruff².
- Alde–Ore Estuary Ramsar site - nationally-scarce plant species (Ramsar criterion 2), notable assemblage of breeding and wintering wetland birds (Ramsar criterion 3)³.
- Sandlings SPA - breeding nightjar and woodlark.

² The breeding Sandwich tern, little tern, lesser black-backed gull, avocet and marsh harrier populations of the Alde-Ore Estuary SPA and Ramsar site are not considered sensitive species given the inaccessibility of their breeding areas and the low level of potential change in recreational visits to the vicinity of those areas.

³ The Ramsar site also qualifies under Ramsar criterion 6 (bird species/populations occurring at levels of international importance) on the basis of the breeding population of lesser black-backed gull but as per footnote 3 this not considered a sensitive species.

3 GOVERNANCE

3.1 Deed of Obligation

3.1.1 Level 1 control documents will either be certified under the DCO at grant or annexed to the Deed of Obligation (DoO). All are secured and legally enforceable. Some Level 1 documents are compliance documents and must be complied with when certain activities are carried out. Other Level 1 documents are strategies or draft plans which set the boundaries for a subsequent Level 2 document which is required to be approved by a body or governance group. The obligations in the DCO and DoO set out the status of each Level 1 document.

3.1.2 This plan is a Level 1 document. The monitoring requirements specified in this plan are secured via the draft Deed of Obligation (Doc Ref. 8.17(G)) (see paragraph 6 of Schedule 11 (Natural Environment)), which requires that SZC Co must carry out or procure the carrying out of monitoring as required at Sandlings (Central) and Alde-Ore Estuary in accordance with this plan. Further, the DoO makes provision for the following:

- **European Sites Access Contingency Fund** is a fund to be established by SZC Co. for use in the circumstance where Additional Mitigation Measures at the European sites is identified as required (in accordance with this plan) to mitigate the impacts of additional recreational disturbance associated with the Project;
- Governance arrangements for the administration of the European Sites Access Contingency Fund (set out in further detail in the below sections).

3.1.3 Where further documents or details require approval, this plan states which body or governance group is responsible for the approval and/or must be consulted. Any approvals by East Suffolk Council, Suffolk County Council or the MMO will be carried out in accordance with the procedure in Schedule 23 of the dDCO. The DoO establishes the governance groups and sets out how these governance groups will run and, where appropriate, how decisions (including approvals) should be made. Any updates to these further documents or details must be approved by the same body or governance group and through the same consultation and procedure as the original document or details.

3.1.4 Where separate Level 1 or Level 2 control documents include measures that are relevant to the measures within this document, those measures have not been duplicated in this document, but cross-references have been included for context. Where separate legislation, consents, permits and licences are described in this document they are set out in the **Schedule of Other Consents, Licences and Agreements** (Doc Ref. 5.11(B)) [REP3-011].

3.1.5 For the purposes of this document the term ‘SZC Co.’ refers to NNB Nuclear Generation (SZC) Limited (or any other undertaker as defined by the dDCO), its appointed representatives and the appointed construction contractors.

3.2 Ecology Working Group

3.2.1 In relation to this plan, the Ecology Working Group (established by Schedule 11 of the DoO) is responsible for:

- reviewing the monitoring undertaken in accordance with this plan; and
- identifying whether appropriate triggers have been exceeded for any relevant designated site included in the plan (i.e. Alde–Ore Estuary SPA, Alde–Ore Estuary Ramsar site and Sandlings (Central) SPA) and whether further investigation or mitigation measures are required, having carried out an assessment of data produced by monitoring to determine any linkage with the construction and operation of Sizewell C in accordance with **Sections 4.3** and **5** of this plan.

3.2.2 If the Ecology Working Group identifies that mitigation measures are required in accordance with this plan, the Ecology Working Group will:

- agree, in consultation with land managers (including but not limited to the RSPB, Natural England, the National Trust, Suffolk Wildlife Trust and Forestry England) how and when the further investigation and/or mitigation measures must be implemented;
- make written requests to the Environment Review Group (as established by Schedule 11 of the **DoO** (Doc Ref.8.17(G))) to access monies from the European Sites Access Contingency Fund (provided for in paragraph 6, Schedule 11 of the DoO) to carry out the further investigation and/or mitigation measures;
- provide further information on request to the Environment Review Group, make recommendations to and advise the Environment Review Group on how the European Sites Access Contingency Fund should be

spent based on its technical expertise and involvement in the monitoring;

- report to the Environment Review Group on the approved expenditure from the European Sites Access Contingency Fund and the effectiveness of such expenditure; and
- any other tasks agreed by the Ecology Working Group.

3.3 Environment Review Group

3.3.1 The Environment Review Group (established by Schedule 11 of the DoO) will receive reports and recommendations from the Ecology Working Group as to what further investigation and/or mitigation measure(s) are necessary and appropriate based on the monitoring undertaken in accordance with this plan.

3.3.2 The Environment Review Group will:

- consider the reports and recommendations from the Ecology Working Group and decide whether the recommended further investigation and/or mitigation measure(s) are necessary and appropriate in all the circumstances; and
- in the event that it decides the further investigation and/or recommended mitigation is necessary and appropriate, may approve written requests from the Ecology Working Group for monies to fund the recommended mitigation measure(s); or
- defer its decision on such requests from the Ecology Working Group until the next meeting of the Environment Review Group, pending the provision of further information by the Ecology Working Group, if requested by the Environment Review Group.

3.3.3 Payments from the European Sites Access Contingency Fund to fund mitigation measures are secured in Schedule 11 of the **DoO** and will only be made following approval by the Environment Review Group of a request received in writing from the Ecology Working Group detailing the amounts requested to be paid and details of the relevant further investigation and/or mitigation measures.

3.3.4 In addition, the Environment Review Group will:

- define the triggers in accordance with the principles in **Section 4.3** of this plan and revise them from time to time, if necessary in accordance with this plan to ensure they remain appropriate in light of the monitoring data;
- provide guidance to the Ecology Working Group on any issues that are referred to it; and
- refer any matter which it cannot agree to the Delivery Steering Group (as established by Schedule 17 of the **DoO**) which will provide assistance and resolution on matters referred to it by the Environment Review Group where necessary.

4 MONITORING

4.1 Introduction

- 4.1.1 The purpose of the monitoring programme is to determine the scale and nature of use of the European sites before construction (to establish a baseline) and then any net change in use during the construction and operational phases. Mitigation measures and/or further investigation will be considered if monitoring during the construction and operational phases identifies additional users above agreed triggers. The potential for that increase in users to result in consequential changes in disturbance to habitats or bird species at the European sites will then be investigated with the benefit of existing monitored information and any further monitoring directed by the Ecology Working Group in order to identify mitigation measures which must be implemented to address the impact or risk of impact arising from increased visitor numbers and which is reasonably attributable to the displacement effects of Sizewell C.
- 4.1.2 In accordance with paragraph 6, Schedule 11 of the DoO, SZC Co will carry out or procure the carrying out of the monitoring programme in accordance with this plan.
- 4.1.3 The key principle underpinning the monitoring approach is to identify and measure potential changes in recreational use and behaviour arising from the Sizewell C Project as soon as possible so that action can be taken (via mitigation) before negative effects on qualifying interest features of European sites arise.
- 4.1.4 Pre-construction ecological monitoring will establish the baseline ecological and visitor behaviour conditions against which the effect of possible changes in recreational user numbers and behaviour can be detected.
- 4.1.5 Subject to reaching the trigger level (see **Section 4.3**), ecological monitoring during construction must be carried out at the direction of the Ecology Working Group to help determine the need to implement mitigation measures defined in this plan. Monitoring may also be undertaken to assess the effectiveness of any mitigation measures put in place at the direction of EWG or ERG.
- 4.1.6 Three survey methods will be employed:
- **Observation and questionnaire surveys** to record numbers of people and dogs and their behaviour at selected times of year.

- **Automatic counters** set up on paths and the access roads to the European sites to record people movements continuously throughout the year.
- **Ecological surveys** to establish baseline ecological conditions, determine whether any ecological effects are occurring and to assess the effectiveness of mitigation measures, if such measures are deemed necessary.

4.1.7 These three approaches are described further in **Section 4.2**.

4.2 Survey Method

a) Observation and Questionnaire Surveys

4.2.2 Initial visitor surveys (observations and questionnaires) undertaken before commencement of construction will record the number of visitors and the specific use in the vicinity of the survey locations illustrated on **Figure 1** and listed in **Table 4.1** and measure the frequency of use, types of activity and behaviour, and responses to any existing signage, footpaths and facilities.

4.2.3 The surveyors will record the types of behaviour that might disturb breeding and non-breeding birds and damage habitats (see **Section 4.4**).

4.2.4 In relation to dog walkers, whether a dog is on or off lead will be recorded. In addition, it will be recorded whether a dog is on the path or in the vegetation further than 2m to the side of the path (i.e. beyond the distance it is likely to toilet before returning to the path).

4.2.5 Comparable construction and operational phase observation surveys of recreational user activity will be undertaken at the same locations and same seasons as the initial surveys and provide comparable data over different years. This approach will permit comparisons to be made and assessment of the appropriateness of the proposed trigger levels to inform the investigation of mitigation measures.

4.2.6 The interaction with recreational users (answering the questionnaire surveys face to face or completing the survey form given to them on site and returning by post, or completing the survey online) will provide the opportunity to promote and direct users to the enhanced access facilities at the less sensitive sites including Kenton Hills and Aldhurst Farm.

4.2.7 Methods for data collection will be standardised and designed to be readily repeatable to allow changes and trends to be identified and permit valid comparison from one survey period to the next. Survey methods will be reviewed by the Ecology Working Group and adjusted at the Group’s direction if necessary from time to time to enhance their effectiveness.

b) Automatic Counters

4.2.8 ‘Automatic counters’ will be used at paths and entry points at the locations shown on **Figure 1** and listed in **Table 4.1**. These will record use 24 hours a day and 365 days a year, and provide accurate information on levels of use.

4.2.9 The survey locations will be subject to minor location refinement on site to ensure most effective locations are used.

Table 4.1: Visitor Survey Locations

| Survey location | |
|--|----------------------|
| Survey locations at European sites – observation and questionnaire surveys, and automatic people counters (blue dots on Figure 1) | |
| o | Iken car park |
| p | Blaxhall Common |
| q | Sandgalls Plantation |
| Survey locations at European sites – automatic people counters only (purple dots on Figure 1) | |
| 8 | Snape Warren north |
| 9 | Snape Warren south |
| 10 | Snape Bridge |

c) Ecological Surveys

4.2.10 The baseline ecological monitoring will be undertaken prior to construction. This will include establishing a baseline for the various pressures that represent potential routes for impact on qualifying interest features of European sites (referred to in **Table 4.2** and **Section 4.4**); a proposed approach to this monitoring is set out in **Table 4.2**.

i. Alde–Ore Estuary Ramsar site (habitat qualifying criterion)

4.2.11 The **Shadow HRA Report** concludes that the habitat that may be affected by an increase in recreational pressure on the Alde–Ore Estuary Ramsar site is vegetated shingle (Ramsar criterion 2). Baseline habitat monitoring, focussed on this particular habitat that forms part of Ramsar criterion 2, is proposed. This proposed monitoring is summarised in **Table 4.2**.

4.2.12 SZC Co. will discuss and agree the proposed locations for habitat monitoring with the Ecology Working Group and RSPB, Suffolk Wildlife Trust, National Trust and Forestry England..

Table 4.2: Proposed Monitoring In Relation To Vegetated Shingle Forming Part Of Ramsar Criterion 2 Of The Alde-Ore Estuary Ramsar Site

| Habitat type | Potential impact / pressure | Proposed monitoring |
|--|--|---|
| Vegetated shingle (part of Ramsar criterion 2) | <ul style="list-style-type: none"> - Trampling - Nutrient enrichment | <ul style="list-style-type: none"> - Targeted habitat surveys at selected locations undertaken prior to construction. - Monitoring would follow the JNCC Common Standards Monitoring guidance as appropriate to the habitat type. - Fixed point photography. |
| | <ul style="list-style-type: none"> - Burnt areas - Path widening - Formation of new routes - Littering | <ul style="list-style-type: none"> - Visual monitoring of baseline broad-scale habitat condition, potentially using transect-based approach. |

ii. Alde–Ore Estuary Ramsar site (bird qualifying criterion) and Alde–Ore Estuary SPA

- 4.2.13 No ecological monitoring is proposed in connection with the bird qualifying features of the Alde–Ore Estuary SPA and Ramsar site.
- 4.2.14 The Alde-Ore Estuary SPA and Ramsar site covers a large area with relatively few direct access points. The key intertidal habitats used by the non-breeding waterbirds of the SPA and Ramsar site are remote from, or inaccessible via, access locations at Snape Maltings, Iken and Sailor’s Path.
- 4.2.15 The main area of importance for non-breeding waterbirds and where there is potential for an increase in recreational usage is the upper Alde-Ore Estuary in the vicinity of Iken and Snape, particularly where the Suffolk Coast Path and other public rights of way run adjacent to the European site.
- 4.2.16 The proposed approach for the Alde–Ore Estuary SPA and Ramsar site is to monitor visitor numbers and behaviour (as described in **Sections 4.2 a** and **b** and **Section 4.5**) at the locations shown in **Figure 1** and implement mitigation measures should the monitoring and governance process confirm that such measures are necessary.
- 4.2.17 The above approach will ensure that adverse effect on integrity will not occur and is considered proportionate given the low level of change predicted at the above locations and taking into account the precautionary nature of the predictions reported in the **Shadow HRA Report** .

iii. Sandlings (Central) SPA

- 4.2.18 A baseline survey of the distribution of breeding nightjar and woodlark is proposed for Sandlings (Central) (Tunstall Forest and Snape Warren) to understand the pre-construction situation for the breeding population of these species. The same approach to monitoring of visitor numbers and behaviour must be applied as described under point ii) above for the Alde–Ore Estuary SPA and Ramsar site, with particular attention given to any changes in visitor numbers or behaviour in areas where breeding nightjar and woodlark are relatively abundant (as determined from the survey information and consultation with key stakeholders).
- 4.2.19 In the event that the visitor monitoring indicates the potential for an increased disturbance effect, mitigation or further investigation must be deployed, targeted to areas of risk as defined by the baseline survey of breeding distribution.

4.3 Use of Trigger Levels

4.3.1 Other than the initial trigger level defined below, trigger levels will be set and reviewed by the Environment Review Group (see **Section 3**), in accordance with the principles set out in this section.

4.3.2 The identification of a trigger level of net increased recreational use is considered important because this will be the earliest indication that there may be increased risk of negative effects on qualifying interest features (i.e. changes in recreational user numbers could indicate both the potential for increased disturbance and a change in visitor profile, which could lead to changes in behavioural patterns, such as increased littering).

4.3.3 Notwithstanding the role of the Environment Review Group in setting trigger levels, an initial trigger level of a 5% increase of visitors to a site, over baseline visits, is proposed as a precautionary level at which the need for further investigation and potential mitigation measures will be assessed by the Environment Review Group in consultation with the Ecology Working Group. It will be open to the Environmental Review Group to refine or modify that initial trigger. The mitigation measures to be considered for implementation at this point will be selected from the measures in **Table 5.1**.

4.3.4 The identification / agreement of further trigger levels needs to reflect a combination of factors, including:

- whether the net increase or changes in behaviour and pattern of use relates solely or primarily to the Sizewell C Project, or if the Sizewell C Project is making a significant contribution to the increase or change, in combination with one or more other factors. This will be based on recorded survey observations and discussions with visitors, in combination with the observation, questionnaire and habitat surveys.
- whether the increase in net use or changes in behaviour and pattern of use is likely to be temporary or prolonged and is likely to be or is considered detrimental.
- the time of year, whether in or outside the breeding and non-breeding season for birds.
- the types of users, e.g. off road/night time cyclists, dogs quartering land where birds are nesting, roosting or feeding, unauthorised campers, walkers.

- whether the increase or changes in behaviour and pattern of use is likely to negatively affect qualifying interest features of the European sites.

4.4 Recording Signs of Human Disturbance

4.4.1 If the trigger level is reached for any site, the Ecology Working Group will direct the need for further investigations to be made to assess signs of changes in visitor patterns and behaviours which may cause actual or potential negative effects to relevant qualifying interest features of European sites. Such signs might include, but are not limited to, additional:

- trampling of habitats.
- burnt habitat caused by barbeques, fires, cigarettes, etc.
- widening of paths.
- formation of new routes close to sensitive habitats or species.
- littering and dog waste.

4.5 Survey Programme

4.5.1 The programmes for surveys at specific years are described below.

a) Visitor Surveys Programme

4.5.2 In order to determine if the Sizewell C Project construction activity (or subsequent operational phase) is increasing the risk of negative effects due to net additional visitors or changes to behaviour at the European sites, the following programme is proposed for monitoring:

- Pre-construction initial monitoring of the current situation.
- Annual monitoring during early years of construction up to (and including) peak years (construction years 1 to 7).
- Monitoring every two years during construction, after the early / peak years (construction years post year 7).
- Monitoring during early years of operation. Operational years 1 or 2 initially, but if the Environment Review Group considers that continuing

visitor pressure as a result of Sizewell C requires monitoring beyond this initial period, monitoring will be continued for a further period to be determined by the Environment Review Group.

- 4.5.3 Visitor surveys will be undertaken three times a year in a monitoring year, in April/May, August and November to reflect peak and non-peak periods. This reflects spring / early summer as birds are actively nesting and breeding and when visitor numbers are likely to be high, August to record summer peak visitor use and November to record winter use.
- 4.5.4 The timing of these surveys is aligned with the periods when a change in visitor activity could result in increased disturbance effects on breeding nightjar and woodlark and non-breeding waterbirds.
- 4.5.5 Monitoring during the construction early years will identify any changes in visitor numbers or behavioural patterns so that potential problems (i.e. signs of human disturbance and potential harm to qualifying interest features) are identified at an early stage before they become established in the behaviours of visitors. The monitoring strategy will be adapted over the monitoring period if necessary, as the evidence accrues and to allow for relevant data gathering.
- 4.5.6 The initial monitoring surveys under this plan commenced during summer 2021.
- 4.5.7 The initial pre-construction recreation monitoring will be undertaken using visitor surveys to gather information on how, when and why people use the European sites for recreation. These visitor surveys will use the same method of observation and questionnaire surveys used in 2014 and adapted for these surveys at European sites (e.g. to record more information on behaviour of people and dogs), informed by ongoing stakeholder engagement. The method and report of the 2014 surveys can be seen at Sizewell C Development Consent Order application document **Volume 2 Chapter 15, Appendix 15A** of the **ES** [\[APP-268\]](#).
- 4.5.8 An alternative pattern of surveys may be determined by the Environment Review Group (advised by the Ecology Working Group) in the light of reported experience from the surveys; including potential cessation of the surveys if it is apparent that little or no impact is identified or likely.

b) Ecological Surveys

4.5.9 The monitoring proposed in **Section 4.2 c i** and **iii** must be undertaken prior to the commencement of construction.

4.5.10 Should an agreed trigger level be reached (and, therefore, the need for mitigation and/or further investigation be considered), and subject to further investigation and the agreement of the Environment Review Group, further ecological surveys will be instigated as follows:

- Alde-Ore Estuary Ramsar site (vegetation shingle): targeted habitat surveys at selected locations undertaken every 3 years.
- Sandlings (Central) SPA: annual monitoring of breeding nightjar and woodlark distribution up to (and including) peak years (construction years 1 to 7).

5 MITIGATION MEASURES

5.1 Introduction

- 5.1.1 As explained in **Section 1**, no initial mitigation measures are deemed necessary in order to reach a conclusion of no AEol for the European sites covered by this monitoring and mitigation plan. The need for mitigation measures will be monitored through the observation and questionnaire surveys and automatic people and vehicle counters. The survey results will be reviewed by the Ecology Working Group and the arrangements defined for identifying and delivering mitigation measures will be followed as defined in **Section 3**.
- 5.1.2 The mitigation approach comprises a range of potential measures which seek to address and mitigate potential effects on European sites. The approach is adaptive and will evolve and react as necessary, throughout the construction and early operational phases, to ensure that appropriate measures are implemented, if they are required and reasonably attributable to the effects of Sizewell C.
- 5.1.3 Mitigation measures are identified in **Table 5.1** and will be developed in detail and implemented through the governance arrangements described in **Section 3** of this plan.
- 5.1.4 Any mitigation measures that are deemed to be required as a result of Sizewell C impacts will be additional to those currently in place and maintained by the owners and managers of land within European sites , or that arise from causes other than Sizewell C.
- 5.1.5 Mitigation approaches are aligned with relevant measures in Section 8 of the Habitats Regulations Assessment Recreational Disturbance Avoidance and Mitigation Strategy for Ipswich Borough, Babergh District, Mid Suffolk District and East Suffolk Councils (Reference 1) (referred to as the Suffolk Coast Recreational Disturbance Avoidance and Mitigation Strategy (RAMS)) but adapted to the specific site requirements of the European sites and potential for disturbance due to Sizewell C. The Suffolk Coast RAMS identifies the importance of a mix of measures to give certainty, stating “*A suite of mitigation measures should function together to have confidence that adverse effects arising from recreation have been prevented. Each measure taken alone is unlikely to give that certainty. A combination of measures, developed and targeted after analysis of available and gathered information has the potential to give the necessary certainty because of the combination*”

of measures working together, reducing risk and building in contingency.” (Paragraph 8.2.). This monitoring and mitigation plan follows the same principle.

5.1.6 SZC Co. will seek to align mitigation measures within this plan so that they are complementary with the site access measures already in use by landowners and managers of the relevant European sites.

5.1.7 Potential mitigation measures have been proposed by landowners and managers and, where appropriate, incorporated into the potential mitigation measures described in **Section 5.2**.

5.2 Mitigation Measures

5.2.1 **Table 5.1** sets out the potential mitigation measures and the locations at which they may apply within the Alde-Ore Estuary and Sandlings (Central) European sites. These would be in addition to other mitigating measures which SZC Co. has committed to and are secured through other consents, the dDCO and the DoO including other Deed of Obligation funds as detailed below, which will combine to reduce the potential for additional recreational visits to European sites due to the Sizewell C Project. For example, committed mitigating measures include:

- New recreational access provision at Aldhurst Farm including a car park, a definitive Public Right of Way, approximately 27ha of new designated Open Access Land where dogs can be exercised off-lead all year round, and informal footpaths, secured under discharged condition 25 of planning permission reference DC/14/4224/FUL (see Appendix A).
 - Aldhurst Farm Enhancement Works – pursuant to paragraph 10, Schedule 11 of the **DoO** (Doc Ref. 8.17(G)), SZC Co. will use reasonable endeavours to prepare and submit a planning application for these works which include: expanding the existing car park by up to 15 spaces
 - a bird hide within the south eastern field for local residents and visitors, subject to the need to obtain any necessary planning permission;
 - ‘family benches’ and ‘perching benches’ at strategic locations across the site;

- improvements to the existing PROW that runs adjacent to the sewage works and the northern boundary of the eastern field; and
- adaptive and differential mowing regimes will be used to give a managed mosaic of surface vegetation that is good for people and nature.
- Improvements and enlargement to Kenton Hills car park (see Work No.1A(cc) of the draft DCO and Schedule 11 of the DoO (Doc Ref. 8.17(G))) [\[AS-143\]](#).
- Other improvements within the main development site including a new off-road bridleway from Sizewell Gap in the south to Eastbridge Road in the north, a new P_{RoW} (footpath) linking existing P_{RoW} and the B1122 south of the green rail route, and a new connection between Aldhurst Farm and Kenton Hills permissive footpath network (secured pursuant to Requirement 6A of the **dDCO** (Doc Ref. 3.1(I)).
- SZC Co. must make a financial contribution to the Suffolk Coast RAMS to mitigate potential recreational impacts from construction workers, targeted towards an agreed suite of measures from the Suffolk Coast RAMS mitigation package specific to the potential Sizewell C development impacts (paragraph, 7 Schedule 11 of the **DoO**(Doc Ref. 8.17(G)).
- A suite of improvements to P_{RoW} will be funded through a financial contribution from SZC Co. to Suffolk County Council through the Rights of Way Fund. These will include improvements to the Eastbridge to Minsmere sluice footpath (P_{RoW} E-363/020/0) to improve the surface and avoid flooding, to keep people to the right of way and prevent people diverting from the path where they may affect habitats or species (paragraph 16, Schedule 16 of the **DoO**).

5.2.2 The Ecology Working Group will review the monitoring undertaken in accordance with **Section 4** of this plan and assess whether the Sizewell C Project is creating additional recreational disturbance which requires mitigation and/or further investigation. The Ecology Working Group may recommend to the Environment Review Group that any one or more of the measures identified in **Table 5.1** should be implemented to mitigate additional recreational disturbance arising from the Sizewell C Project, although the matters listed in **Table 5.1** are not exhaustive.

5.2.3 The Environment Review Group will consider the recommendations from the Ecology Working Group and determine what measures must be implemented. These measures will be funded by accessing funding from the European Sites Access Contingency Fund in paragraph 6, Schedule 11 of the **DoO** following approval from the Environment Review Group in accordance with **Section 3** of this plan.

Table 5.1 Potential Mitigation Measures

| Mitigation Measure | Location | How funded / secured |
|---|--|---|
| Wardening, signage, interpretation and awareness training | | |
| <p>New wardening resource (see Section 5.4) to educate visitors about desired behaviours, impacts of disturbance, impacts of dogs off leads, give out dog waste bags, suitability of routes for different uses and location of sensitive areas, and promote alternative locations to visitors.</p> <p>Engagement with dog walkers on the use of leads (of max 2m length) or on the paths at sensitive times and places, along with suggesting alternative, accessible and attractive routes and areas that can better accommodate off-lead exercise.</p> <p>Also new signage on desired behaviours, impacts of disturbance, impacts of dogs off leads, suitability of routes for different uses and location of sensitive areas.</p> | <p>Upper Alde-Ore (e.g. Snape, Iken).</p> <p>Tunstall Forest and Snape Warren.</p> <p>Beach frontage south of Aldeburgh.</p> | <p>European Sites Access Contingency Fund</p> |
| <p>Signage to educate visitors re importance of vegetated shingle and nesting birds and requesting avoidance</p> | <p>Tunstall Forest and Snape Warren.</p> | <p>European Sites Access Contingency Fund</p> |

NOT PROTECTIVELY MARKED

| Mitigation Measure | Location | How funded / secured |
|--|---|--|
| | Beach frontage south of Aldeburgh. | |
| Signage to educate visitors re fire risk and request no BBQs/fires, care with cigarettes etc. | Tunstall Forest and Snape Warren. | European Sites Access Contingency Fund |
| Signage to educate visitors and request that waste is taken home as appropriate to the protocol in place at the given site. | Upper Alde-Ore (e.g. Snape, Iken). Tunstall Forest and Snape Warren. Beach frontage south of Aldeburgh. | European Sites Access Contingency Fund |
| Where there is no right of access, access restrictions (e.g. locked gates, mesh on gates to restrict dog access), signage to reduce access onto sensitive habitats. Provision of information on where to go instead. | Upper Alde-Ore (e.g. Snape, Iken). Tunstall Forest and Snape Warren. Beach frontage south of Aldeburgh. | European Sites Access Contingency Fund |
| Leaflets on sites and at public buildings | Upper Alde-Ore (e.g. Snape, Iken). | European Sites Access Contingency Fund |

NOT PROTECTIVELY MARKED

| Mitigation Measure | Location | How funded / secured |
|--|---|--|
| | Tunstall Forest and Snape Warren. Beach frontage south of Aldeburgh. | |
| Website and social media posts | Upper Alde-Ore (e.g. Snape, Iken). Tunstall Forest and Snape Warren. Beach frontage south of Aldeburgh. | European Sites Access Contingency Fund |
| Sizewell C interpretation signage | Upper Alde-Ore (e.g. Snape, Iken). Tunstall Forest and Snape Warren. Beach frontage south of Aldeburgh. | European Sites Access Contingency Fund |
| Free compostable dog waste bags, overprinted with key information or (e.g. behaviour messages, alternative locations to walk dogs) | Various popular visitor locations at European | European Sites Access Contingency Fund |

| Mitigation Measure | Location | How funded / secured |
|--|---|--|
| | sites to be defined. Local vets, pet shops, dog groomers, dog training clubs. | |
| Measures to paths and access | | |
| Adaption of access routes to guide appropriate uses (surfacing, barriers, signage) | Upper Alde-Ore (e.g. Snape, Iken). Tunstall Forest and Snape Warren. Beach frontage south of Aldeburgh. | European Sites Access Contingency Fund |

5.2.4 The visitor surveys conducted at the start of the breeding season in April/May will ensure that any measures which are deemed necessary as a result of those surveys can be instigated during the same breeding season to secure an immediate effect. Whether a measure will need to be in place on a temporary or permanent basis will be assessed by the Ecology Working Group and confirmed by the Environment Review Group at intervals to be agreed by the Environment Review Group. The Environment Review Group will review the appropriateness of the trigger levels from time to time and adjust them as necessary in accordance with advice received from the Ecology Working Group based on its assessment of the monitoring data.

5.3 Monitoring Resources

5.3.1 SZC Co. must carry out or procure the carrying out of the monitoring described in **Section 4** under Schedule 11 of the **DoO** (Doc Ref. 8.17(G)). The monitoring funded must cover:

- Observation and questionnaire surveys (described in Section 4.2 a).

- Automatic counters (described in Section 4.2 b).
- Ecological surveys (described in Section 4.2 c).
- The investigation and recommendation of mitigation measures attributable to Sizewell C (described in section 5).

5.4 Warden Resources (if required)

5.4.1 If it is determined to be warranted, by the monitoring and investigations defined above, SZC Co. must provide funding for the new wardening resource specified in **Table 5.1** via the European Sites Access Contingency Fund committed to in paragraph 6, Schedule 11 of the DoO. The warden resource will work closely with existing site managers, wardens and volunteers. The warden resource will be responsible for, or involved in, a number of tasks including:

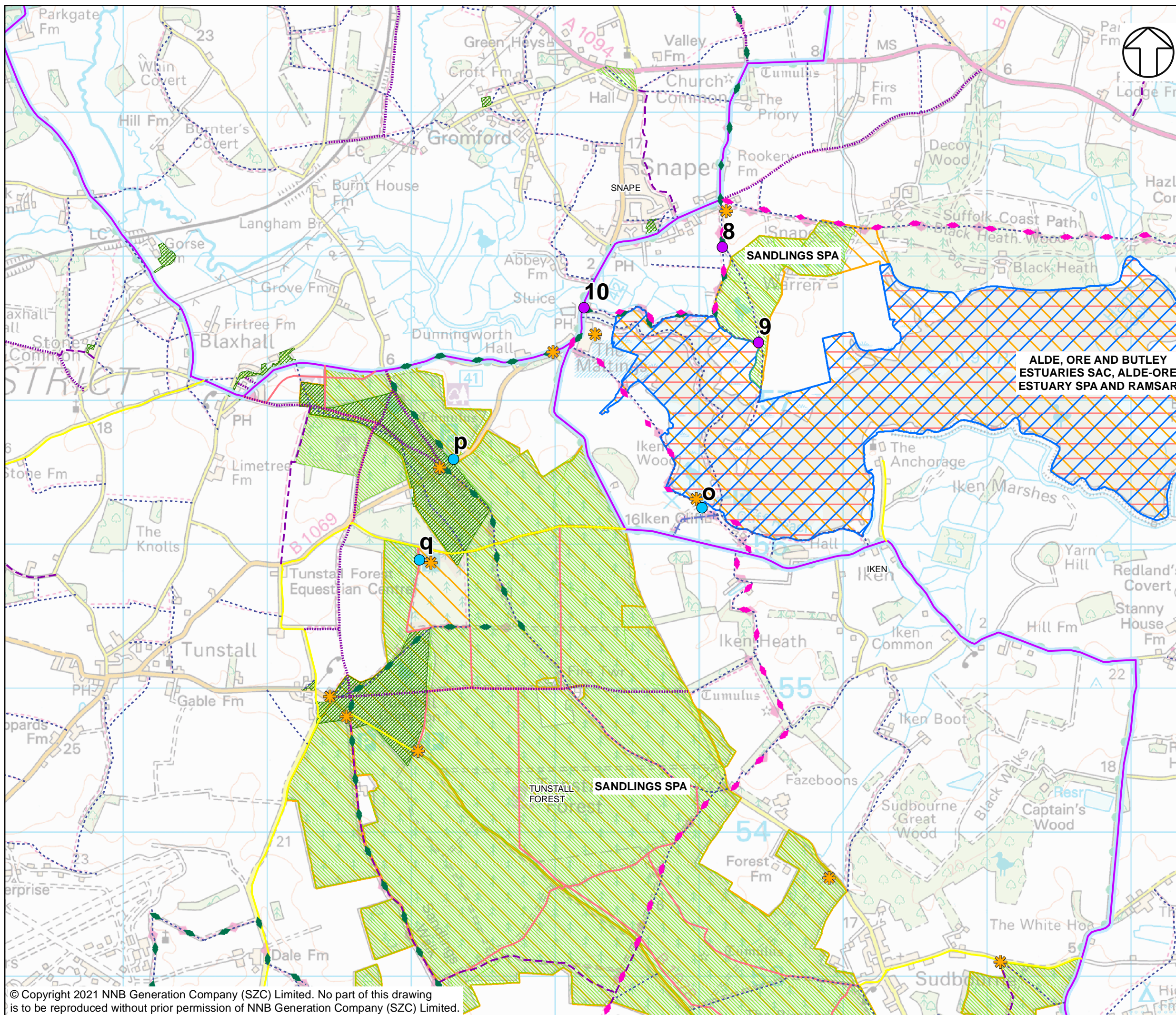
- Leading survey and monitoring work (visitor surveys and ecological monitoring).
- Observing and recording visitor levels and behaviour, and species and habitats, all year round, including between the main visitor and ecological survey and monitoring periods.
- Attendance at Environment Review Group meetings.
- Liaising with RSPB, National Trust, Suffolk Wildlife Trust and Natural England's site managers, wardens and rangers to ensure work is co-ordinated with existing site objectives and practices, to gather information on issues, need for mitigation and success of mitigation.
- Regular reports to the Ecology Working Group on the findings of survey and monitoring work, whether changes in visitors is, or is at immediate risk of, causing disturbance to habitats or species and whether this is due to the Sizewell C Project or other reasons – Lead Warden.
- Recommendations and advice on when, where and how mitigation to prevent any disturbance caused by the Sizewell C Project should be implemented.
- Overseeing implementation of mitigation.
- Observing success of mitigation and the need for further mitigation.

- Engaging with the public and construction workers to encourage recreational use that does not harm species or habitats at European sites.

REFERENCES

1. Hoskin, R., Liley, D. & Panter, C. (2019). Habitats Regulations Assessment Recreational Disturbance Avoidance and Mitigation Strategy for Ipswich Borough, Babergh District, Mid Suffolk District and East Suffolk Councils – Technical Report. Footprint Ecology.
[<http://www.eastsuffolk.gov.uk/planning/developer-contributions/rams/>.
Accessed 12/3/21]

FIGURES



NOTES
PROPOSED SURVEY AND AUTOMATIC COUNTER LOCATIONS ARE PROVISIONAL AND WILL BE REFINED FOLLOWING DETAILED SITE WORK TO ENSURE THAT THE MOST EFFECTIVE LOCATIONS ARE USED

KEY

- SPECIAL AREA OF CONSERVATION (SAC)
- SPECIAL PROTECTION AREA (SPA)
- RAMSAR
- CAR PARK ACCESS SITE LOCATIONS AT EUROPEAN SITES
- PROPOSED OBSERVATION AND QUESTIONNAIRE SURVEY AND AUTOMATIC PEOPLE COUNTER LOCATIONS
- PROPOSED AUTOMATIC PEOPLE COUNTERS

PUBLIC RIGHTS OF WAY AND PUBLIC ACCESS

- RECREATIONAL ROUTE: SANDLINGS WALK (LONG DISTANCE WALKING ROUTE)
- RECREATIONAL ROUTE: SUFFOLK COAST PATH (LONG DISTANCE WALKING ROUTE)
- FOOTPATH
- BRIDLEWAY
- BYWAY
- RESTRICTED BYWAY
- SUSTRANS REGIONAL CYCLE ROUTE (RCR) (42)
- SUFFOLK COASTAL CYCLE ROUTE
- ALTERNATIVE CYCLE ROUTES/SHORT CUTS/DETOURS ON ROAD
- OFF ROAD CYCLE ROUTES
- REGISTERED COMMON LAND
- OPEN ACCESS LAND

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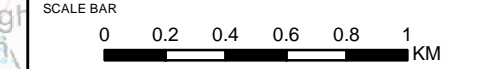


DOCUMENT:
SIZEWELL C
MONITORING AND MITIGATION PLAN FOR
SANDLINGS (CENTRAL) AND ALDE-ORE ESTUARY

DRAWING TITLE:
FIGURE 1:
PROPOSED SURVEY LOCATIONS

DRAWING NO:
6839_SK_111

DATE: AUG 2021 **DRAWN:** V.V. **SCALE:** 1:25,000 @A3 **REV:** 02



APPENDIX A: ALDHURST FARM ACCESS PROVISION



INTERNAL BUSINESS COLLABORATOR REFERENCE
NOT APPLICABLE FOR ALL FIGURES

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KEY

PROPOSED

- CAR PARKING SPACES
- PEDESTRIAN ACCESS POINT
- SURFACED PATH
- MOWN PATH
- FENCE

EXISTING

- LOWLAND HEATH MOSAIC
- INDICATIVE SCRUB, BROADLEAF AND CONIFEROUS WOODLAND PLANTING
- OPEN WATER
- HABITAT CREATION (WET REEDBED)
- HABITAT CREATION (DRY REEDBED)
- WATERCOURSE
- EXISTING TREES AND HEDGES
- PUBLIC RIGHT OF WAY
- FENCE

DOCUMENT:
ALDHURST FARM HABITAT CREATION SCHEME

DRAWING TITLE:
ACCESS AND RECREATION PROPOSAL - CONDITION 25

DRAWING NO: 6839_10005A

DATE: NOV 2020 **DRAWN:** MM **SCALE:** 1:3,500 @A3

SCALE BAR
0 100M

DRAWING SECURITY CLASSIFICATION:
 PROTECTIVE MARKING REQUIRED
 NOT PROTECTIVELY MARKED

**ANNEX W
NOISE MITIGATION SCHEME**

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PLATES

None provided.

FIGURES

None provided.

1. NOISE MITIGATION SCHEME

1.1 Introduction

- 1.1.1 This document sets out the **Noise Mitigation Scheme** that SZC Co. must implement and apply in respect of the construction and operation of the SZC Project. The **Noise Mitigation Scheme** applies to all aspects of the project, including the construction and operation of the main development site and all Associated Development sites, to existing roads and to the East Suffolk line between Westerfield Junction and the junction with the Saxmundham to Leiston branch line.
- 1.1.2 It has been informed by the outcome of the noise assessments undertaken as reported in the **Environmental Statement** [APP-159 to APP-582] and **Environmental Statement Addendums** (AS-179 to AS-292; REP5-062 to REP5-069; [REP6-017](#); REP7-030 to REP7-033 and Doc Ref. 6.19) for the main development site and the associated development sites and it includes mitigation for road, rail and construction noise, as well as operational noise. It also covers vibration effects.
- 1.1.3 The application documents identify a range of measures that will contribute to limiting and mitigating noise and vibration effects – particularly the controls over the construction process set out in the **Code of Construction Practice** (Doc Ref. 8.11(E)) (secured by Requirement 2 of the dDCO) and, for instance, the limits on HGV movements set out in the **Construction Traffic Management Plan** (Annex K of the DoO Doc Ref. 8.17(G)) (secured by Schedule 16 of the Deed of Obligation) or rail movements set out in the **Rail Noise Mitigation Plan** (Doc Ref. 6.14 9.3.E(A)) (secured by Requirement 25 of the dDCO). This document does not duplicate those controls, instead it is concerned with the criteria that are to be applied in determining whether properties affected by the residual noise and vibration effects of the project qualify for an offer of insulation or an offer of temporary rehousing.
- 1.1.4 This **Noise Mitigation Scheme** complements and is separate from the SZC Property Price Support Scheme (PPSS) which is a scheme originally launched by SZC Co. in November 2019 and then relaunched in October 2020. The PPSS offers to make up the difference in value for properties sold within defined areas close to the DCO application boundary, based on the difference between the with and without Sizewell C valuations.
- 1.1.5 SZC Co. must provide a telephone helpline service during the Construction Period (as defined in the **Deed of Obligation** (Doc Ref. 8.17(G))) to assist the public and owners who have been contacted by SZC Co. in accordance

with the **Noise Mitigation Scheme** with any queries they have in respect of the processes set out in Sections 1.2 to 1.8 of this document.

- 1.1.6 Wherever in this document, a plan or assessment is submitted to East Suffolk Council (ESC) for its approval in relation to all aspects of this **Noise Mitigation Scheme** except road traffic noise, or to Suffolk County Council (SCC) in respect of road traffic noise matters only, ESC and SCC shall act reasonably, promptly and in accordance with Schedule 12 of the **Deed of Obligation** (Doc Ref. 8.17(G)). Where ESC or SCC do not approve the submitted document, plan or assessment within the time period set out in Schedule 12 of the **Deed of Obligation** (Doc Ref. 8.17(G)), deemed approval shall not apply but the obligations on SZC Co. in respect of paragraph 1.3.21 of this **Noise Mitigation Scheme** shall not apply.
- 1.1.7 Level 1 control documents will either be certified under the **DCO** at grant or annexed to the **Deed of Obligation** (Doc Ref. 8.17(G)). All are secured and legally enforceable. Some Level 1 documents are compliance documents and must be complied with when certain activities are carried out. Other Level 1 documents are strategies or draft plans which set the boundaries for a subsequent Level 2 document which is required to be approved by a body or governance group. The obligations in the **DCO** and **Deed of Obligation** set out the status of each Level 1 document.
- 1.1.8 This **Noise Mitigation Scheme** is a Level 1 compliance document that is secured by Schedule 12 of the **Deed of Obligation**.
- 1.1.9 Where further documents or details require approval, this document states which body or governance group is responsible for the approval and/or must be consulted. Any approvals by ESC or SCC will be carried out in accordance with the procedure in Schedule 12 of the **Deed of Obligation**. The **Deed of Obligation** establishes the governance groups and sets out how these governance groups will run and, where appropriate, how decisions (including approvals) should be made. Any updates to these further documents or details must be approved by the same body or governance group and through the same consultation and procedure as the original document or details.
- 1.1.10 Where separate Level 1 or Level 2 control documents include measures that are relevant to the measures within this document, those measures have not been duplicated in this document, but cross-references have been included for context. Where separate legislation, consents, permits and licences are described in this document they are set out in the **Schedule of Other Consents, Licences and Agreements** (Doc Ref. 5.11(B)).

1.1.11 For the purposes of this document the term ‘SZC Co.’ refers to NNB Nuclear Generation (SZC) Limited (or any other undertaker as defined by the **draft DCO** (Doc Ref. 3.1(I))), its appointed representatives and the appointed construction contractors.

1.2 Refreshed Noise Assessments and Property Referencing

1.2.1 This section of the **Noise Mitigation Scheme** sets out the process that SZC Co. must follow in carrying out the refreshed noise assessments needed to determine which properties will be eligible for insulation or temporary rehousing and in referencing such properties. In implementing this **Noise Mitigation Scheme**, SZC Co. must undertake the following steps unless otherwise stated in Schedule 12 of the Deed of Obligation:

Stage 1: Refreshed noise assessment(s)

1.2.2 Whilst the Environmental Statement and Environmental Statement Addendums assess the likely significant noise and vibration effects of the project, SZC Co. must base noise insulation and temporary housing offers on refreshed noise assessments carried out post-Examination. These refreshed noise assessments will benefit from and take account of the detailed construction working methods for the Project to be developed with relevant contractors, so far as these are available at the time of the assessment. This will enable SZC Co. to identify eligible properties with more accurately-modelled noise or vibration levels. SZC Co must carry out each of these refreshed noise assessments in advance of the start of the relevant noise generating activity.

1.2.3 SZC Co. must submit a phasing plan setting out details of the proposed phases for the completion of the refreshed noise assessments to ESC in respect to all matters except road traffic noise or to SCC in respect of road traffic noise only for their approval. It is anticipated that the refreshed noise assessments will be provided in phases broadly matching the order in which those elements of the SZC project are expected to give rise to eligibility for noise insulation or temporary rehousing under this **Noise Mitigation Scheme**.

1.2.4 SZC Co. must include any Listed Buildings which have been identified as likely to be eligible for noise insulation through the assessments in the Environmental Statement and Environmental Statement Addendums in the first phase of the refreshed noise assessments. This will maximise the amount of time available to obtain any necessary Listed Building Consent and/or Planning Permission.

1.2.5 SZC Co. must undertake the refreshed noise assessments in accordance with the approved phasing plan and in a manner consistent with the submitted noise assessments. Reports on each refreshed noise assessment must be submitted to ESC in respect of all aspects of this **Noise Mitigation Scheme** except for road traffic noise or to SCC in respect of road traffic noise only for their approval. These reports must identify which Properties meet the criteria for insulation or temporary rehousing (as set out in Sections 1.3 and 1.4 of this **Noise Mitigation Scheme**) and at what stage in the construction programme this is expected to arise.

1.2.6 No Property where Insulation has been provided by SZC Co. will be eligible for a further offer in respect of Insulation under this **Noise Mitigation Scheme**, except in exceptional circumstances where a review undertaken under Section 1.5 demonstrates that the installed mitigation is insufficient to meet the purposes of this **Noise Mitigation Scheme**.

Stage 2: Property referencing

1.2.7 Following the identification of eligible properties as part of each refreshed noise assessment, SZC Co. must carry out a referencing exercise to identify Property Owners and Occupiers and to ascertain the contact details for each, as they may differ.

1.3 Process for Insulating Properties

1.3.1 This section of the **Noise Mitigation Scheme** sets out the steps that SZC Co. must follow to determine which Properties will be eligible for Insulation.

Stage 3A: Property identification

1.3.2 SZC Co. must issue the Owners of eligible Properties with an application pack which must include a scheme booklet, application form and process flow diagram to allow them an opportunity to apply to the scheme.

1.3.3 Where SZC Co. receives an application in accordance with the application pack, SZC Co. must review this. Provided that this review confirms the potential eligibility of the Property for insulation, the Owner of the Property must be offered the opportunity to participate in the scheme via a formal letter (the 'Provisional Offer Letter'). The Provisional Offer Letter must confirm eligibility to participate in the scheme, with such eligibility and the scope and specification of any insulation works to be subject to survey. The Provisional Offer Letter must also highlight the Property Owner's responsibilities in relation to relevant consents, remedial building works etc. The Provisional Offer Letter must also state that the eligibility of any Listed Buildings will be subject to further assessment.

- 1.3.4 The Provisional Offer Letter will be conditional on the Owner of the Property confirming that they wish to proceed in principle and agreeing to allow survey access to their Property by the scheme’s appointed building surveyors, so that a specification to achieve an appropriate level of Insulation can be assessed and agreed¹. The Owner of the Property will be required to sign and return a copy of the Provisional Offer Letter within a period of 28 days of the date of the Provisional Offer Letter.
- 1.3.5 If the Owner of the eligible Property declines the Provisional Offer Letter or does not provide its written acceptance to SZC Co. in accordance with any notification requirements contained in the Provisional Offer Letter, there will be no further obligation on SZC Co. in respect of that Property in connection with this **Noise Mitigation Scheme**, including in respect of paragraph 1.3.21. However, the Provisional Offer Letter will remain valid until the end of the Construction Period (as defined in the **Deed of Obligation** (Doc Ref. 8.17(G))), providing that there remains an occasion before the end of the Construction Period on which the noise that results in eligibility is anticipated to arise.
- 1.3.6 Where an eligible Property whose Owner has declined the Provisional Offer is sold or otherwise changes ownership, SZC Co. may remake the Provisional Offer to the new Owner but the obligations on SZC Co. in respect of paragraph 1.3.21 of this **Noise Mitigation Scheme** will not apply.

Stage 4A: Survey of the affected Property

- 1.3.7 Following receipt of written acceptance of the Provisional Offer Letter, SZC Co. must procure that the appointed building surveyors visit the Property and, subject to access being granted, carry out a survey to assess the suitability of the Property for Insulation and to understand the work involved. The Provisional Offer Letter must include details of the proposed timing of the survey and any consequential findings or specifications, as may be appropriate.
- 1.3.8 The surveyor must be instructed by SZC Co. to determine whether noise insulation can be practically installed and that the survey must also consider issues such as: whether the Property is a Listed Building, and therefore likely to require Listed Building Consent; what other works are likely to be required

¹ For the purposes of the Noise Mitigation Scheme, SZC Co. must appoint a bank of surveyors to carry out surveys, advise on relevant specifications of works etc.. Any surveyors appointed for these purposes must be qualified members of an appropriate professional organisation and must be drawn from a list of suitable firms agreed with East Suffolk Council and Suffolk County Council.

at the Property, for example remedial lintels or other structural supports; and any issues regarding access around the Property.

- 1.3.9 The surveyor must provide SZC Co. with the findings of the survey for review. Where it is considered that noise insulation can be practically installed at the Property, and where the Property does not already have glazing and/or ventilation that meets the Proposed Specification set out in paragraph 1.3.11, SZC Co. must formulate the Proposed Specification in respect of the Property.
- 1.3.10 Where the Property is a Listed Building, SZC Co. must instruct the surveyor to gather relevant additional information, where it is reasonably practicable to do so, to inform the draft scope of works (i.e. the Proposed Specification) in respect of the Property.
- 1.3.11 In all cases except where a Property is eligible for ventilation only (see section 1.6 for eligibility criteria) and unless otherwise agreed with the Property owner, this Proposed Specification must include, but not necessarily be limited to, a glazing system with a sound reduction performance of at least 35dB R_w and if appropriate in the opinion of the surveyor (acting reasonably), a ventilation system that complies with Approved Document F issued in respect of the Building Regulations 2010. For those Properties eligible for ventilation only as a result of a lower level of rail noise (see section 1.6 for eligibility criteria), the Proposed Specification must include a suitable ventilation system that complies with Approved Document F issued in respect of the Building Regulations 2010. In all cases, other measures may form part of the Proposed Specification, where the surveyor advises that such measures would be appropriate, practical and beneficial to noise levels at the Property.
- 1.3.12 Where the Property is a Listed Building, SZC Co. may inform the Owner that further information or supporting documents are required to develop the Proposed Specification.
- 1.3.13 The surveyor must act reasonably at all times and in accordance with the requirements of their professional body. All relevant records pertaining to the survey must be retained for audit purposes and made available for review if required by a written request from ESC or SCC to SZC Co.
- 1.3.14 SZC Co. must provide the Owner of the Property with: the Proposed Specification and a list of approved installers to carry out the Proposed Specification.
- 1.3.15 The Owner will be entitled, at their discretion, to accept or decline the Proposed Specification, in whole or in part, and SZC Co. will be under no

obligation in respect of those declined elements for that Property in connection with this **Noise Mitigation Scheme**, including in respect of paragraph 1.3.21.

1.3.16 The Owner of the Property will be required to seek at least two quotations from approved installers for the Proposed Specification and will be required to provide copies of these to SZC Co. within four weeks of receipt of the Proposed Specification from SZC Co. SZC Co. must select one of the quotations provided by the Owner of the Property, unless SZC Co. agrees otherwise with the Owner of the Property.

1.3.17 If the Owner of the eligible Property does not provide copies of these quotations within the four week period, the obligations on SZC Co. in paragraph 1.3.21 of this **Noise Mitigation Scheme** will not apply but the eligible Property will remain eligible and the quotations may be provided by the Owner at a later date providing that date is within the Construction Period (as defined in the **Deed of Obligation** (Doc Ref. 8.17(G))).

Stage 5A: Confirmation of offer and approved supplier

1.3.18 SZC Co. must review the quotations received from the Owner to confirm that these relate only to the Proposed Specification. Following this review, SZC Co. must confirm the sum that it will provide to deliver the Proposed Specification. SZC Co. will not provide funding towards any cosmetic or aesthetic enhancements or remedial works required in respect of existing structural defects at the Property or any other works requested by the Owner to be carried out in addition to the Proposed Specification.

1.3.19 SZC Co. must provide the Owner with a scheme agreement containing confirmation of the works to be undertaken (a "**Scheme Agreement**"). The Scheme Agreement must set out the Owner's responsibilities in respect of the works, including:

- obtaining any necessary consents such as: planning permission, Listed Building Consent, building regulations approval or obtaining a FENSA certificate etc; and
- arranging for any remedial works in respect of existing structural defects that may be required.

1.3.20 SZC Co. will not make applications for Listed Building Consent or planning permission on behalf of Owners with but must offer Owners reasonable support and assistance upon request. The form of the assistance provided by SZC Co. may vary, but is likely to include identification of documentation to support applications for planning permission or listed building consents,

pro forma examples of completed applications, and liaison with the relevant authorities. SZC Co. must meet all reasonable costs in respect of making an application for listed building consent or planning permission, which must be agreed by SZC Co. in advance.

- 1.3.21 SZC Co. must not commence the phase of the construction works identified in the relevant refreshed noise assessment as giving rise to the eligibility for noise insulation until three months after the date of SZC Co. providing the Scheme Agreement to the Owner. There will be no obligation on SZC Co. in respect of the timing of the construction works, including the running of trains, where an offer is made for ventilation only to Properties eligible for ventilation only as a result of a lower level of rail noise (see section 1.6 for eligibility criteria) but the ventilation works will be undertaken expeditiously.

Stage 6A: Implementation, sign-off and payment

- 1.3.22 Within 14 days of receipt of the signed Scheme Agreement from the Owner, SZC Co. must confirm to the Owner that the Owner can instruct the installer to carry out the works. The date of the works will be a matter to be agreed between Owner and installer.
- 1.3.23 The financial responsibility for the funding for all works covered by the Scheme Agreement will remain with SZC Co. and the Owner will not be liable for any costs associated with the works covered by the Scheme Agreement.
- 1.3.24 Responsibility for obtaining and complying with any necessary consents in respect of the works will remain with the Owner, unless the owner has agreed with the installer that the installer will have responsibility. The Owner will also remain responsible for the rectification of building defects revealed, and for costs in relation to asbestos.

1.4 Process for Temporary Rehousing

- 1.4.1 Where the approved refreshed noise assessment identifies that Occupiers of a Property are considered likely to be eligible for temporary rehousing, the following steps shall apply.

Stage 3B: Issuance of Provisional Temporary Rehousing Offer Letter

- 1.4.2 SZC Co. must contact the Occupiers of any identified Property at least three months before the activity giving rise to the eligibility is due to take place.
- 1.4.3 SZC Co. must issue the Occupiers of Properties eligible for temporary rehousing with an application pack, which must include a scheme booklet,

application form and process flow diagram to allow them an opportunity to apply to the scheme.

1.4.4 The scheme booklet must confirm that an offer of temporary rehousing will include the following:

- Temporary alternative accommodation.
- Removals.
- Storage and insurance of personal effects.
- Insurance for the vacated house.
- Placing pets into kennels, catteries etc.
- Where agreed between Occupier and SZC Co., the disconnection and later reconnection of gas, water, electricity etc.

1.4.5 The scheme booklet must confirm that, alternatively, the Occupier can choose to make these arrangements themselves. In such circumstances, the Occupier must be supplied by SZC Co. with information and guidance on all the matters listed above, to enable them to make the arrangements themselves; the Occupier must be offered help so that incurred reasonable costs can be agreed between the Occupier and SZC Co. and then paid by SZC Co. as soon as practicable. The information and guidance provided by SZC Co. will be governed by what is available at the time and the Occupier's reasonable requirements.

1.4.6 The application form will be conditional on the Occupier of the Property confirming that they wish to proceed in principle.

1.4.7 Where the temporary rehousing offer is accepted in accordance with the terms of the application form, which will require the Occupier to confirm whether it wishes to proceed in principle within 28 days of the receipt of the scheme booklet and will require the Occupier to confirm whether it wishes to make the temporary rehousing arrangements itself, SZC Co. must issue a Temporary Rehousing Offer to the Occupier.

1.4.8 In the event that the Occupier does not submit the application within 28 days of the receipt of the scheme booklet, the offer for temporary rehousing will remain available for acceptance but there will be no obligation upon SZC Co. not to commence the works anticipated to give rise to the eligibility until temporary rehousing has been provided.

Stage 4B: Terms of the Temporary Rehousing Offer

- 1.4.9 The Temporary Rehousing Offer made by SZC Co. must include the terms of the offer of temporary rehousing for the Occupier of the Property.
- 1.4.10 The provision of or payment in respect of temporary rehousing by SZC Co. will be conditional upon the Occupier’s written acceptance of the Temporary Rehousing Offer and provision of the same to SZC Co. The Temporary Rehousing Offer must set out the date by which the offer must be accepted.
- 1.4.11 Irrespective of whether SZC Co. or the Occupier is to make the temporary rehousing arrangements, SZC Co. must bear (or reimburse) the reasonable costs associated with the temporary rehousing. SZC Co. must also bear any increased costs of maintaining or insuring the affected Property resulting from the temporary relocation. These include any additional council tax liability which is due on the Property whilst it is unoccupied.
- 1.4.12 If there are pre-existing obligations to maintain the Property on a regular basis under the terms of any lease or as a result of statutory requirements, with due regard to any relevant health and safety considerations SZC Co. must ensure that suitable access is maintained to the affected Property so that such obligations can be maintained during the period of temporary rehousing.
- 1.4.13 However, the acceptance of any offer of temporary re-housing is discretionary. The Occupier does not have to move if they do not wish to, but if the Occupier does decide to stay, compensation for disruption due to the noise of the works cannot be claimed.
- 1.4.14 If the Occupier is a tenant and is offered temporary rehousing during the construction works, the Occupier will still be responsible for the rent, bills and other outgoings at the affected Property and will remain a tenant. The offer of temporary rehousing must include the additional cost of the relocation accommodation. The Occupier will be free to visit and use the affected Property as they wish during the relocation, subject to the terms of their existing tenancy. If the tenancy agreement expires during the relocation, the Occupier should renew it with their landlord in the normal way, if they wish to. If the Occupier chooses not to renew their tenancy, any grants to meet the cost of the alternative accommodation will cease when the tenancy expires.
- 1.4.15 For the landlord, the tenant will remain the tenant and remain liable to pay rent in accordance with the landlord’s agreement with them.

- 1.4.16 The type of rehousing offered will depend on the duration of the relocation. For short durations hotel accommodation may be appropriate. For longer periods, alternative rented accommodation will be more suitable. In all cases account must be taken of the Occupier's existing accommodation as far as possible.
- 1.4.17 The accommodation offered will be governed by what is available at the time and the Occupier's reasonable requirements. Some Occupiers may be prepared to move to another area on a temporary basis if they would be nearer friends, family or work. Other Occupiers may need to stay in the same area. Each application and Provisional Temporary Rehousing Offer Letter must be based on the individual criteria of the applicant Occupier.
- 1.4.18 A Property may be eligible to receive both Insulation and temporary rehousing, but this will depend on the circumstances. The noise generated by the works will vary over the course of the project. In some areas, the noise may give rise to eligibility for temporary rehousing for one phase of construction, and Insulation only for a different phase. In these circumstances a temporary rehousing offer may be made during works in one phase and a Insulation offer for the other phase. In other areas, a Property may qualify for temporary rehousing for a given period, but outside that period the noise may not trigger a separate offer for Insulation. In such a case, a temporary rehousing offer only will be made and Insulation will not be offered.
- 1.4.19 Where a Property qualifies for temporary rehousing but not Insulation, the Occupier may at its discretion request Insulation to be provided instead. In such circumstances, SZC Co. must make clear the shortfall in sound insulation performance of the Insulation in relation to the thresholds presented in Table 1. and that the degree of disturbance could be high even with the Insulation in place.
- 1.4.20 Any Occupier that fails to complete the application form in time or declines an offer of temporary rehousing may request reconsideration in the event that the works progress and they change their mind as a result. While SZC Co. will not be obliged to make the offer again, SZC Co. must review the circumstances and at its discretion may reconfirm the offer. SZC Co. must take into account the performance of any Insulation provided in place of temporary rehousing in considering any later request.
- 1.4.21 Any declined offer of Insulation in respect of a Property will not affect eligibility for rehousing in respect of that Property.

- 1.5 **Review of eligible properties**
 - 1.5.1 SZC Co. may at its discretion decide to review the list of eligible Properties at any time in response to changes to the construction methods or programme or to the receipt of monitoring information. This review may consider a group of Properties or a specific Property.
 - 1.5.2 During the construction period, ESC or SCC may (acting reasonably) request SZC Co. to carry out a review considering a specific Property or group of Properties in response to changes to the construction methods or programme or on the receipt of monitoring information or as a result of a complaint. SZC Co. must comply with any such request.
 - 1.5.3 Where a review identifies Properties as eligible for insulation or temporary rehousing in accordance with the criteria which were not previously identified in the relevant refreshed noise assessment, SZC Co. must carry out the process in Section 1.3 as quickly as practicable. However, SZC Co. may commence or continue any construction works identified as giving rise to the eligibility at any time and the development authorised by the DCO will not be delayed pending full implementation of the noise insulation works or temporary rehousing.
 - 1.5.4 Should any review identify that a Property previously eligible for Insulation is no longer eligible, any installed insulation works will remain in-situ and any insulation works that are commenced must be completed as if the Property remained eligible. Any offer in respect of insulation works that have not yet been commenced will be automatically withdrawn.
 - 1.5.5 Should any review identify that a Property previously eligible for temporary rehousing is no longer eligible, any temporary rehousing which has already commenced will be unaffected, subject to SZC Co.'s ability in such a case to terminate the temporary rehousing with one month's notice. Any offer in respect of temporary rehousing that has not yet commenced will be automatically withdrawn.
 - 1.5.6 No Property where Insulation has been provided by SZC Co. will be eligible for a further offer in respect of Insulation under this **Noise Mitigation Scheme**.

1.6 Eligibility Criteria

1.6.1 The criteria for eligibility for Insulation are set out in **Table 1.1**.

Table 1.1 Criteria for eligibility for insulation

| Category | Eligibility |
|-----------------------------------|--|
| Insulation for road traffic noise | <p>A Property within 300m of a new or altered highway will be eligible for an offer of insulation where the Property is predicted to experience all of the following, when measured 1m from the external façade of any Eligible Room:</p> <ul style="list-style-type: none"> (a) the Future (Road) Noise Levels exceed façade noise levels of 68dB $L_{A10,18hrs}$ during the hours of 06:00 to 24:00 or 58dB $L_{Aeq,8hrs}$ during the hours of 23:00 to 07:00; (b) the Future (Road) Noise Levels are at least 1dB higher than the Existing (Road) Noise Levels as a result of the use of the new or amended road associated with the Development; and (c) the contribution from the use of the new or amended road associated with the Development to the Future (Road) Noise Levels at the façade is at least 1dB. <p>A Property within 300m of an existing road or highway will be eligible for an offer of insulation where the Property is predicted to experience all of the following, when measured 1m from the external façade of any Eligible Room:</p> <ul style="list-style-type: none"> (a) the Future (Road) Noise Levels exceed façade noise levels of 68dB $L_{A10,18hrs}$ during the hours of 06:00 to 24:00 or 58dB $L_{Aeq,8hrs}$ during the hours of 23:00 to 07:00; (b) the Future (Road) Noise Levels are at least 3dB higher than the Existing (Road) Noise Levels as a result of the use of existing roads; and (c) the contribution from the use of existing roads to the Future (Road) Noise Levels at the façade is at least 3dB. |

| Category | Eligibility |
|--|---|
| <p>Insulation for rail noise</p> | <p>Eligibility will require one of the following two criteria (A or B) to be established, when measured 1m from the external façade of any Eligible Room:</p> <p>A. A Property will be eligible for an offer for noise insulation based on averaging rail noise over the day and night time periods, where:</p> <p>(a) the Future (Rail) Noise Levels exceed façade noise levels of 69dB $L_{Aeq,16hrs}$ during the hours of 07:00 to 23:00 or 58dB $L_{Aeq,8hrs}$ during the hours of 23:00 to 07:00; and</p> <p>(b) the Future (Rail) Noise Levels are at least 1dB higher than the Existing (Rail) Noise Levels as a result of the use of the new or amended railway line associated with the Development; and</p> <p>(c) the contribution from the use of new or amended railway line associated with the Development to the Future (Rail) Noise Levels at the façade is at least 1dB; or</p> <p>B. A Property will be eligible for an offer for noise insulation based on the maximum noise level created at night where the predicted maximum sound level as a result of the use of the new or amended railway line associated with the Development is L_{AFmax} 73dB or more between 23:00 and 07:00 hours.</p> <p>The same criteria must also apply to noise impacts from construction rail traffic on the existing East Suffolk line between Westerfield Junction and the junction between the East Suffolk line and the Saxmundham to Leiston branch line.</p> |
| <p>Ventilation only for rail noise</p> | <p>Eligibility will require the following criterion to be established, when measured 1m from the external façade of any Eligible Room:</p> <p>A. A Property will be eligible for an offer for ventilation only based on the maximum noise level created at night where the predicted maximum sound level as a</p> |

| Category | Eligibility |
|---|--|
| | <p>result of the use of the new or amended railway line associated with the Development exceeds L_{AFmax} 60dB and is below 73dB between 23:00 and 07:00 hours.</p> <p>The same criterion must also apply to noise impacts from construction rail traffic on the existing East Suffolk line between Westerfield Junction and the junction between the East Suffolk line and the Saxmundham to Leiston branch line.</p> |
| <p>Insulation for construction noise</p> | <p>A Property will be eligible for an offer of insulation where the Property is predicted to experience the following when measured 1m from the external façade of any Eligible Room:</p> <p>(1) a construction noise level which exceeds the higher of either (a) the noise insulation trigger levels set out in Table 1.3 for any Associated Development site or in Table 1.4 for the main development site for the corresponding times of the day; or (b) the existing Baseline Ambient Sound Level for the corresponding times of the day; and</p> <p>(2) an exceedance of (1) where: (a) the exceedance is predicted to occur on 10 or more days of working in any 15 consecutive days or on a total number of days exceeding 40 in any 6 consecutive months; or (b) where the exceedance occurs only on a Saturday or Sunday, it is predicted to occur on 2 weekends, or part thereof, in any 15 consecutive days or on 6 weekends, or part thereof, in any 6 consecutive months.</p> |
| <p>Insulation for operational plant noise</p> | <p>A Property will be eligible for an offer for insulation where the total noise from fixed plant or machinery associated with the use of the Development (including any Associated Development Site) exceeds any of the</p> |

| Category | Eligibility |
|---|--|
| | <p>following levels, when measured 1m from the external façade of any Eligible Room:</p> <p>(i) 63dB $L_{Aeq,16hrs}$ between 07:00 and 23:00 hours; or</p> <p>(ii) 58dB $L_{Aeq,8hrs}$ between 23:00 and 07:00 hours.</p> |
| Insulation for operational activity noise | <p>A Property will be eligible for an offer for insulation where the total noise from operational activities at an Associated Development Site excluding fixed plant or machinery exceeds any of the following levels, when measured 1m from the external façade of any Eligible Room:</p> <p>(1) (a) 63dB $L_{Aeq,16hrs}$ between 07:00 and 23:00 hours; or</p> <p>(b) 58dB $L_{Aeq,8hrs}$ between 23:00 and 07:00 hours; or</p> <p>(c) maximum sound level L_{AFmax} 70dB between 23:00 and 07:00 hours; and</p> <p>(2) any exceedance of the levels in (1):</p> <p>(a) is predicted to occur on 10 or more days of working in any 15 consecutive days or on a total number of days exceeding 40 in any 6 consecutive months; or</p> <p>(b) where the exceedance occurs only on a Saturday or Sunday, it is predicted to occur on 2 weekends, or part thereof, in any 15 consecutive days or on 6 weekends, or part thereof, in any 6 consecutive months.</p> |

1.6.2 The criteria for eligibility for temporary rehousing are set out in **Table 1.2**.

Table 1.2 Criteria for eligibility for temporary rehousing

| Category | Eligibility |
|--|--|
| Temporary rehousing for construction noise | <p>An occupier of a Property will be eligible for an offer of temporary rehousing where a Property is predicted to experience:</p> <p>(1) a construction noise level which exceeds the higher of either:</p> <p>(a) the temporary rehousing trigger levels set out in Table 1.5 for the corresponding times of the day; or</p> |

| Category | Eligibility |
|--|---|
| | <p>(b) the existing Baseline Ambient Sound Level by 10dB for the corresponding times of the day; and</p> <p>(2) an exceedance of (1):</p> <p>(a) that is predicted to occur on 10 or more days of working in any 15 consecutive days or on a total number of days exceeding 40 in any 6 consecutive months; or</p> <p>(b) where the exceedance occurs only on a Saturday or Sunday, it is predicted to occur on 2 weekends, or part thereof, in any 15 consecutive days or on 6 weekends, or part thereof, in any 6 consecutive months.</p> |
| Temporary rehousing for construction vibration | An occupier of a Property will be eligible for an offer of temporary rehousing where the Property is predicted to experience intermittent or continuous construction vibration of 10mm/s or more (peak particle velocity) on two or more consecutive days, or on any 40 days within a period of 6 consecutive months. Intermittent or continuous vibration have the meaning set out in Annex F of BS5228-2: 2009+A1: 2014. |

1.7 Construction Noise Thresholds

1.7.1 SZC Co. must follow the guidance set out in British Standard 5228: Part 1: 2009+A1: 2014 (refer to **Table 1.3** for Associated Development sites and **Table 1.4** for the main development site) in carrying out its refreshed noise assessments of construction noise levels for insulating properties.

Table 1.3 Construction noise insulation trigger values for Associated Development sites

| Day | Time | Averaging Period, T | Noise Insulation Trigger Value dB $L_{Aeq,T}$ |
|------------------|----------------|---------------------|--|
| Monday to Friday | 07:00 to 08:00 | 1 hr | 70 |
| | 08:00 to 18:00 | 10 hr | 75 |

| Day | Time | Averaging Period, T | Noise Insulation Trigger Value dB $L_{Aeq,T}$ |
|----------------------------|----------------|---------------------|---|
| | 18:00 to 19:00 | 1 hr | 70 |
| | 19:00 to 23:00 | 4 hr | 65 |
| | 23:00 to 07:00 | 1 hr | 55 |
| Saturday | 07:00 to 08:00 | 1 hr | 70 |
| | 08:00 to 13:00 | 5 hr | 75 |
| | 13:00 to 14:00 | 1 hr | 70 |
| | 14:00 to 23:00 | 1 hr | 65 |
| | 23:00 to 07:00 | 1 hr | 55 |
| Sunday and Public Holidays | 07:00 to 23:00 | 1 hr | 65 |
| | 23:00 to 07:00 | 1 hr | 55 |

Table 1.4 Construction noise insulation trigger values for the main development site

| Day / Time | Averaging Period, T | Noise Insulation Trigger Value dB $L_{Aeq,T}$ |
|--|---|---|
| Day: Weekdays, 0700-1900, Saturday, 0700-1300 | 12 hr (weekdays) 6 hr (Saturdays) | 65 |
| Evenings and weekends: Weekdays 1900-2300, Saturdays 1300-2300, Sundays 0700 - 2300 | 4 hr (weekdays) 1 hr (Saturdays) 1 hr (Sundays) | 55 |

| Day / Time | Averaging Period, T | Noise Insulation Trigger Value dB L _{Aeq,T} |
|-----------------------|---------------------|--|
| Every day 2300 - 0700 | 1 hr | 45 |

1.7.2 SZC Co. must follow the guidance set out in British Standard 5228: Part 1: 2009+A1: 2014 (refer to **Table 1.5**) in carrying out its refreshed noise assessments of construction noise levels for temporary rehousing.

Table 1.5 Construction noise temporary rehousing trigger values – all sites

| Day | Time | Averaging Period, T | Temporary Rehousing Trigger Value dB L _{Aeq,T} |
|----------------------------|----------------|---------------------|---|
| Monday to Friday | 07:00 to 08:00 | 1 hr | 80 |
| | 08:00 to 18:00 | 10 hr | 85 |
| | 18:00 to 19:00 | 1 hr | 80 |
| | 19:00 to 23:00 | 4 hr | 75 |
| | 23:00 to 07:00 | 1 hr | 65 |
| Saturday | 07:00 to 08:00 | 1 hr | 80 |
| | 08:00 to 13:00 | 5 hr | 85 |
| | 13:00 to 14:00 | 1 hr | 80 |
| | 14:00 to 23:00 | 1 hr | 75 |
| | 23:00 to 07:00 | 1 hr | 65 |
| Sunday and Public Holidays | 07:00 to 23:00 | 1 hr | 75 |
| | 23:00 to 07:00 | 1 hr | 65 |

1.8 Exceptional Circumstances

Houseboats

1.8.1 Where the external superstructure of houseboats in the Woodbridge or Melton area is demonstrated to have a sound reduction performance of less than 25dB R'_w when all windows, portholes and other openings are closed, SZC Co. may at its discretion extend to the Owner or Occupier of any such

houseboat an offer of insulation works or temporary rehousing in line with the terms set out in Sections 1.3 and 1.4, but on the basis of alternative eligibility criteria to those in Section 1.6 and notwithstanding that the eligibility criteria in Section 1.6 are not met.

1.8.2 In such circumstances, SZC Co. may only exercise this discretion to reduce (and not to raise) the eligibility criteria.

1.8.3 Offers of insulation and ventilation for houseboats must include measures appropriate to the houseboat under consideration, and need not be limited to the insulation/ventilation specification set out in paragraph 1.3.11.

Medical, Clinical or Disability Need

1.8.4 Where there is a proven medical, clinical or disability need involving a particular sensitivity to noise, SZC Co. may at its discretion make an offer of insulation works or temporary rehousing in line with the terms set out in Sections 1.3 and 1.4, but on the basis of alternative eligibility criteria to those in Section 1.6 and notwithstanding that the eligibility criteria in Section 1.6 are not met. In such cases, the Owner or Occupier of the Property will be required to provide evidence to SZC Co. as to any relevant medical, clinical or disability need.

1.8.5 In such circumstances, SZC Co. may only exercise this discretion to reduce (and not to raise) the eligibility criteria.

Residential Park Homes

1.8.6 Where the external building fabric of residential park homes or other static homes is demonstrated to have a sound reduction performance of less than 25dB R_w when all windows, doors and other openings are closed, SZC Co. may at its discretion make an offer of insulation works or temporary rehousing in line with the terms set out in Sections 1.3 and 1.4, but on the basis of alternative eligibility criteria to those in Section 1.6 and notwithstanding that the eligibility criteria in Section 1.6 are not met.

1.8.7 In such circumstances, SZC Co. may only exercise this discretion to reduce (and not to raise) the eligibility criteria.

Other Domestic Buildings

1.8.8 Where the external building fabric of other buildings in domestic use is demonstrated to have a sound reduction performance of less than 25dB R_w when all windows, doors and other openings are closed, SZC Co. may at its discretion make an offer of insulation works or temporary rehousing in line

with the terms set out in Sections 1.3 and 1.4, but on the basis of alternative eligibility criteria to those in Section 1.6 and notwithstanding that the eligibility criteria in Section 1.6 are not met.

- 1.8.9 In such circumstances, SZC Co. may only exercise this discretion to reduce (and not to raise) the eligibility criteria.

1.9 Glossary

1.9.1 Where the following words and terms are used in this **Noise Mitigation Scheme**, they have the following meanings:

Table 1.6 Glossary

| | |
|------------------------------|---|
| Ventilation | means the provision of a system to enable the provisions of Approved Document F to be achieved. |
| Approved Document F | means the document approved by the Secretary of State to provide practical guidance on ways of complying with the requirements in Part F of Schedule 1 to, and regulations 39, 42 and 44 (in so far as it relates to fixed systems for mechanical ventilation) of, the Building Regulations 2010 (SI 2010/2214) for England and Wales, and regulations 20(1) and 20(6) (in so far as it relates to fixed systems for mechanical ventilation) of the Building (Approved Inspectors etc) Regulations 2010 (SI 2010/2215) for England and Wales. |
| Development | means the development of the Sizewell C power station project pursuant to the Sizewell C (Nuclear Generating Station) Order. |
| Associated Development Sites | means: <ul style="list-style-type: none"> (i) the Sizewell link road (ii) the two village bypass (iii) the Yoxford roundabout and other highways improvements (iv) the northern park and ride site (v) the southern park and ride site (vi) the green rail route (vii) the freight management facility |
| Eligible Room | means a living room or a bedroom in a Property but does not mean a kitchen or bathroom. |
| Baseline Ambient Sound Level | means the equivalent continuous A-weighted sound pressure level of the totally encompassing sound in a given situation at a given time, usually from many sources near and far, at a location over a given time interval, T. |

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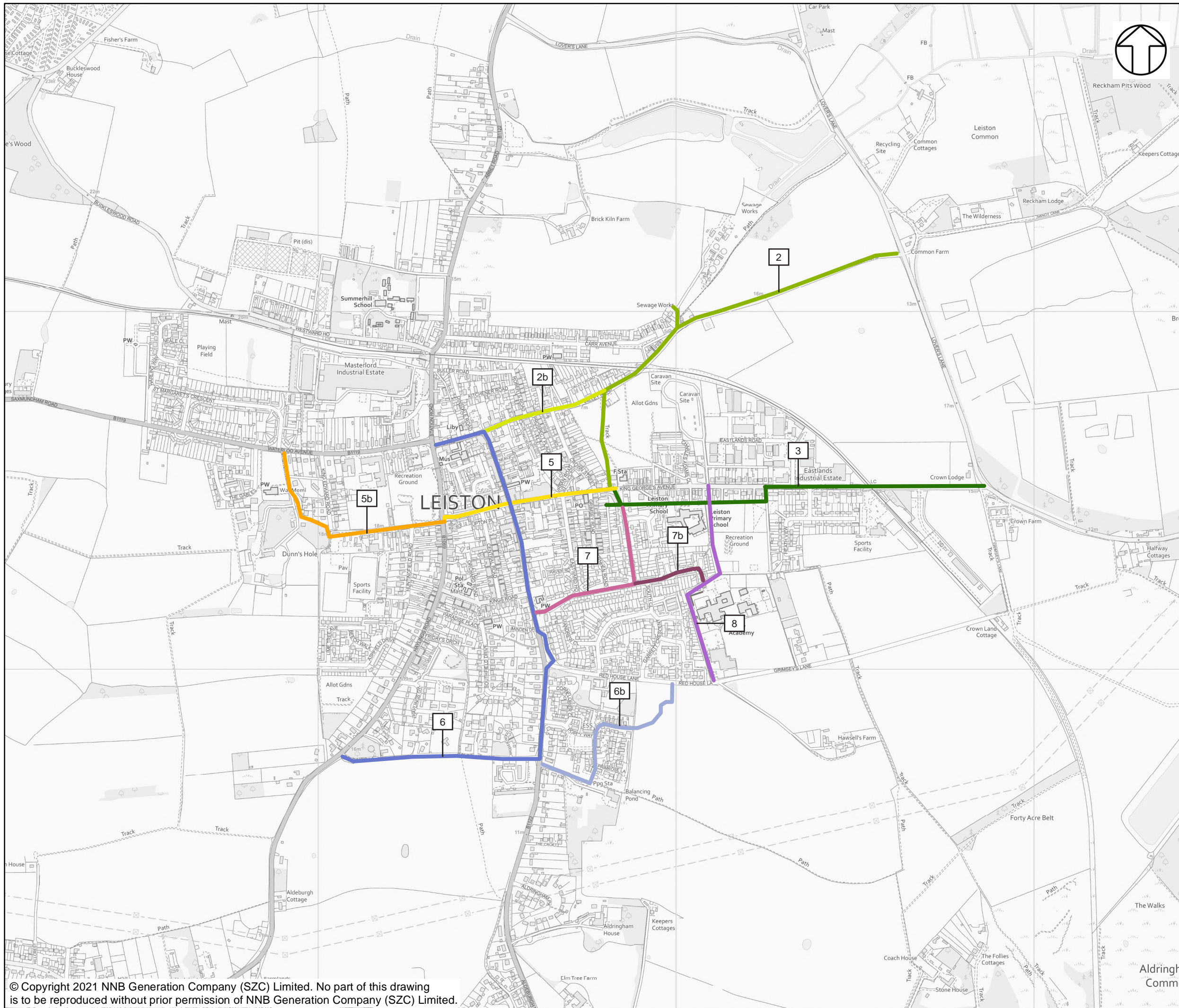
| | |
|------------------------------|--|
| Future (Rail) Noise Levels | means the level of noise generated by SZC Co.'s freight services and other non-SZC Co. freight and passenger services using: (i) the East Suffolk line between Westerfield Junction and the junction with the Saxmundham to Leiston branch line; or (ii) the Saxmundham to Leiston branch line; or (iii) the amended rail line accessing Land East of Eastlands Industrial Estate; or (iv) the green rail route. |
| Existing (Rail) Noise Levels | means the level of noise generated by non-SZC Co. freight and passenger services using: (i) the East Suffolk line between Westerfield Junction and the junction with the Saxmundham to Leiston branch line; or (ii) the Saxmundham to Leiston branch line; or (iii) the amended rail line accessing Land East of Eastlands Industrial Estate; or (iv) the green rail route. |
| Future (Road) Noise Levels | means the level of noise generated by road traffic including vehicles associated with the Development or traffic using new or amended roads constructed for the Development. |
| Existing (Road) Noise Levels | means the level of noise generated by road traffic in the absence of the Development. |
| Occupier | means a person lawfully residing at the Property. |
| Owner | means a person with a freehold interest in the Property and/or a person with a leasehold interest in the Property (as relevant). |
| Property | means a building lawfully consented as a dwelling house (Use Class C3) or house in multiple occupation (Use Class C4) prior to the grant of the Development Consent Order. |

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**ANNEX X
YOXFORD SCHEME**

ANNEX Y
LEISTON CYCLING AND WALKING IMPROVEMENTS

| Route No. | Details | Route Description | Benefits | Potential Highway Works |
|-----------|--|--|---|--|
| 2 | LOVERS LANE - VALLEY ROAD - ALLOTMENTS - EXITING AT SIZEWELL ROAD/KING GEORGES AVENUE. | Lovers Lane via EDF route. Close part of Valley Road to sewage works (known locally as Kemps Hill). Then on road via Valley Road to allotments. Then across allotments on footway and across private land to King George Avenue. Route 2b from allotments to High Street. | Closure of Valley Road will facilitate safe route from camp site for construction workers. Legacy route for residents and tourists accessing Aldhurst and route onto Suffolk Coast Path to Aldeburgh via new tourist cycle route along the old railway line. | Turning head on Valley Road at each end of closure and bollards. Access off Valley Road into allotments. Crossing on King George Avenue to link to route 3 (potential Tiger crossing.) |
| 3 | LOVERS LANE - SIZEWELL ROAD - KING GEORGES AVE - EXITING AT GRIMSEY ROAD | Sizewell Gap / Lovers Lane Junction via King Georges Avenue to Sizewell Road / Grimsey Road junction. Off road cycleway on south side of King George Avenue as far as eastern entrance to Sports Field/Recreation ground. Then private tracks / footways behind houses. Links back to King George Avenue with off road cycleway on Sylvester Road. | Joins existing cycle path to Sizewell. Joins new tourist route to Aldeburgh. Joins EDF route along Lovers Lane. Joins route through the Town centre. Safe route into Town and for workers accessing LEIEE. Final section of route provides access for many children and families to the Primary School and recreation ground. | Widen footway to shared cycleway along King George Avenue. |
| | | | | Safe crossing points (uncontrolled) on Sylvester Road and Grimsey Road. Link back to King George Avenue and tiger crossing. |
| 5 | GRIMSEY ROAD (Sylvester Road?) - THROUGH TOWN CENTRE - CROSS STREET - VICTORY ROAD - WATERLOO AVENUE | King George Avenue / Sylvester Road junction via Sizewell Road, Cross Street and Victory Road (all on street) then via public footway to Waterloo Avenue (off road). | Main route through town linking east with west, avoiding busy/unsafe routes; Haylings Road, Park Hill and White Horse junction. | Town centre public realm improvements. Tiger crossing in Waterloo Avenue to link with Route 8. Crossing point on B1069 Haylings Road. |
| 6 | GOLDINGS LANE - ALDEBURGH ROAD - THROUGH TOWN CENTRE TO WHITE HORSE (WATERLOO AVENUE/ STATION ROAD JUNCTION) | B1069 Haylings Road via Goldings Lane (part on, part off road) to B1122 Aldeburgh Road the north on Aldeburgh Road, High Street and then west to Waterloo Avenue / Station Road junction. On road with short diversion onto service road. | Main route through the town from south to north. Route from Knodishall into Town or to Leisure Centre via 6b or Sizewell via route 4. | Gates and build-outs as enter town boundary (in Leiston Town Centre Improvements Scheme). Access / crossing from Haylings Road to Goldings Lane, crossing point on Aldeburgh Road at Goldings Lane, crossing of Red Wood Lane, crossing point to give access to King Street. For High Street see urban realm / highway improvements. |
| 8 | ALDEBURGH ROAD - SEAWARD AVENUE - SYLVESTER ROAD | Off-road cycleway from Aldeburgh Road along Seaward Avenue to Sylvester Road. Then on road (contra-flow) on Sylvester Road north to join route 3 south of Sizewell Road. Extension 7b on Seaward Avenue to Alde Valley Academy and route 8. | Safe route to travel to Alde Valley Academy (Secondary School) and Avocet Academy (Primary School) avoiding Town centre. Important link for route from south to north of town for workers and residents/tourists. | Eastward Ho and Grimsey Road – Parking bays to slow traffic. Build out at top of Sylvester Road. New cycleway on Seaward Avenue. Crossing points at Arnhem Road and Eastward Ho. Could be delivered as part of one-way system. |



NOTES
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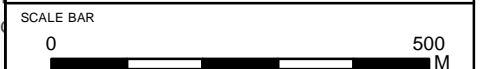


DOCUMENT:
SIZEWELL C
 DEED OF OBLIGATION ENHANCEMENTS

DRAWING TITLE:
LEISTON WALKING AND
CYCLING CONTRIBUTIONS

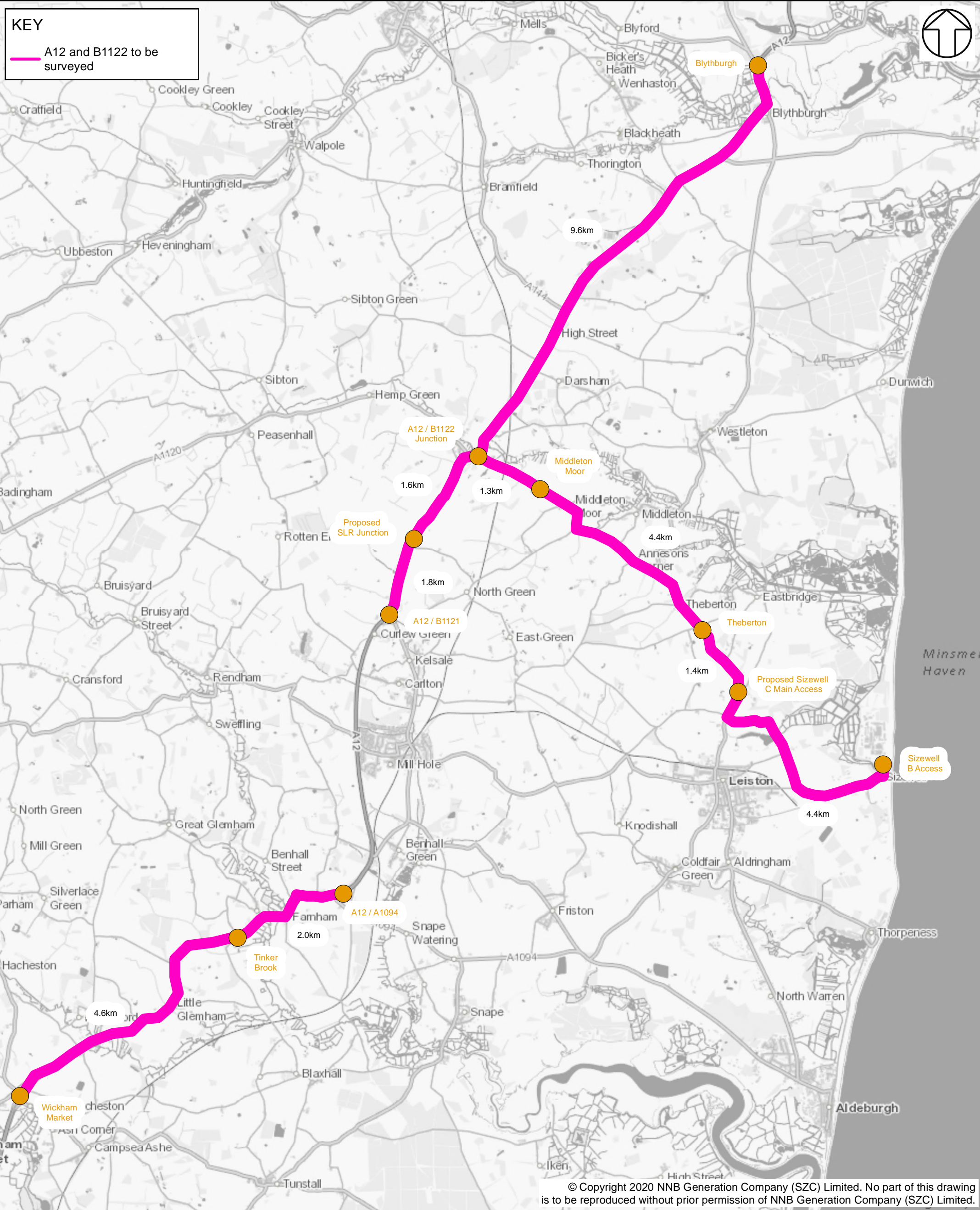
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ANNEX Z
MAINTENANCE AREA

PART A



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 HIGHWAY MAINTENANCE SURVEYS
 PRIOR TO THE SIZEWELL LINK ROAD
 AND TWO VILLAGE BYPASS

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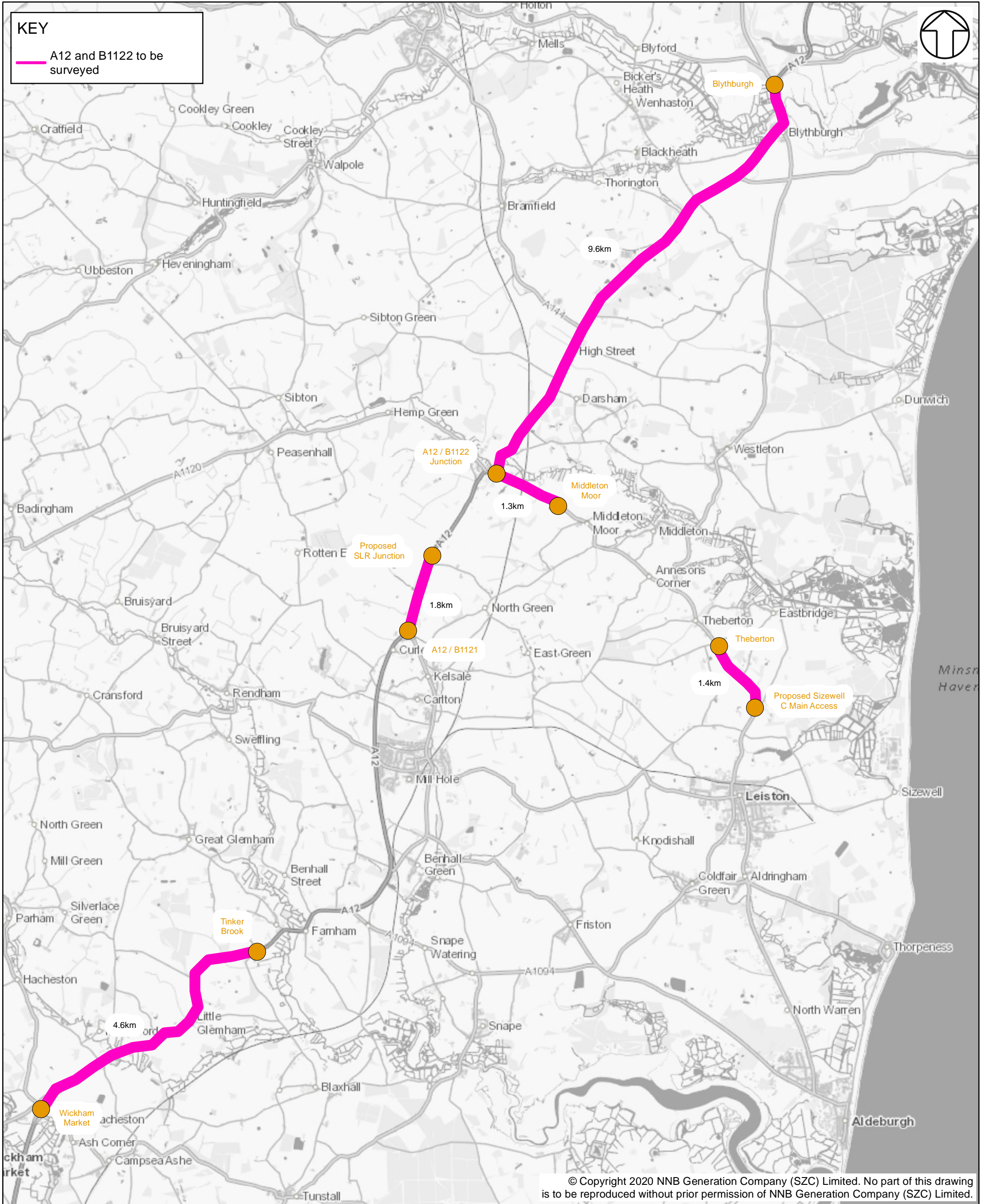
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ANNEX Z
MAINTENANCE AREA

PART B

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 A12 and B1122 to be surveyed



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 POST THE SIZEWELL LINK ROAD
 AND TWO VILLAGE BYPASS

DOCUMENT:
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ANNEX AA
POLICING KPIS

ANNEX AA

COMMUNITY SAFETY (POLICING): KEY PERFORMANCE INDICATORS

Key performance indicators for community safety (policing) related to the Project on which the Community Safety Working Group and/or Transport Review Group shall report to the Social Review Group are outlined below.

This represents the minimum set of key performance indicators that will be used. The Community Safety Working Group and Transport Review Group may agree additional measures from time to time as part of the development and review of its terms of reference.

Suffolk Constabulary shall provide to the Community Safety Working Group on an annual basis:

- Number of Computer Aided Dispatches (CAD) (from Storm) where the CAD involves a NHB Worker or member of their family including Closure Code;
- Number of Crime Investigations, Non-Crime Investigations and CADs related to Hate Crime where the Investigation or CAD involves a NHB worker or member of their family.
- **“SZC-related Investigations”** means
 - "either crime or non-crime investigations that relate to the Sizewell C Construction Workforce or occur at or on any of the Sites (or involving vehicles making journeys to/from such Sites, other than Abnormal Indivisible Loads under escort by the Suffolk Constabulary) and which require the engagement or otherwise involve Suffolk Constabulary such investigations to be evidenced through Suffolk Constabulary recording platforms in accordance with these KPIs and presented to the Community Safety Working Group annually for each Construction Year, and for the avoidance of doubt if an investigation relates to the Sizewell C Construction Workforce and that same investigation occurs on one of the Sites (or involves vehicles making journeys to/from such Sites, other than Abnormal Indivisible Loads under escort by the Suffolk Constabulary) then such investigation shall be counted as one investigation for the purposes of calculating the number of SZC-related Investigations"

Suffolk Constabulary shall provide to the Community Safety Working Group and Transport Review Group on an annual basis:

- Actual response times for Suffolk Constabulary and Suffolk Constabulary's targets for response times;
- Number of Crime Investigations (from Athena), Non-Crime Investigations (from Athena) and CADs (from Storm) by broad location (postcode district or ward) linked to roads policing including the following categories, where the Investigation or CAD involves a member of the Sizewell C Construction Workforce or member of their family or is directly associated with the transport of goods, services or people to and from the Main Development Site and Associated Development Sites:
 - Drink-driving;
 - Driving without insurance;
 - Speeding;
 - Road Traffic Collisions (RTCs);
 - Transport disruption; and
 - KSIs.
- Number of vehicles directly associated with the transport of goods, services or people to and from the Main Development Site and Associated Development Site which the Constabulary's

Commercial Vehicle Unit identifies as breaching traffic regulations and road safety compliance;

- Number and broad location (postcode district or ward) of complaints received by Suffolk Constabulary related to specific suspected traffic offences/vehicles where the complaint makes reference to the Sizewell C Project.

ANNEX AB
INFORMAL RECREATION AND GREEN SPACE PROPOSALS

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1 INTRODUCTION

1.1.1 This document sets out the proposals for additional and improved accessible green space and recreational routes within the Sizewell Estate. These proposals are to address concerns raised by Natural England (NE), the Natural Trust (NT), the Royal Society for the Protection of Birds (RSPB) and Suffolk Wildlife Trust (SWT) about the potential recreational disturbance arising from displaced people and Sizewell C construction workers as a consequence of the construction of the Sizewell C Project.

1.1.2 The proposals identified within this document would deliver substantial additional accessible green space and recreation routes, and improvements to existing green space and routes, within an area close to the accommodation campus, the caravan site at the Land East of Eastlands Industrial Estate (LEEIE), and Leiston, adding and connecting to the existing and already committed network of recreational routes and areas.

1.1.3 The proposals would provide and enhance a mix of recreation activities at Kenton Hills, Leiston Common, Reckham Pits Wood, Rookyard Wood, Halfway Field and Broom Covert. This area already benefits from a diverse range of accessible recreational landscapes close to the locations of construction worker accommodation and Leiston. These improvements would enhance the network of safe and well connected accessible green spaces and routes where users would be able to participate in a range of activities including cycling, running, walking, off and on-lead dog walking, and nature watching. This would help to reduce potential pressure on European sites, by providing attractive alternative options for recreation. New and improved signage will help promote routes within these areas and manage users and activities.

This report demonstrates that these proposals, combined with the existing recreational network and improvements already committed to, will provide an excellent recreational network for construction workers and other people that meets and exceeds Natural England's 'Site Quality Checklist for a SANG' within Natural England's updated 'Guidelines for Creation of Suitable Alternative Natural Greenspace (SANG) – August 2021' (see Appendix B).

2 WHY SZC CO. IS PROPOSING FURTHER IMPROVEMENTS

2.1 Introduction

2.1.1 SZC Co.'s position, as stated in previous submissions and most recently in Comments at Deadline 7 on Submissions from Earlier Deadlines and Subsequent Written Submissions to ISH1-ISH6 - Appendices Part 1 of 3 [[REP7-060](#)] (see Appendix A paragraph 3.1.13) is that the proposed diverse package of mitigation measures already proposed will mitigate potential Adverse Effects on the Integrity (AEol) of European sites, and that additional SANGS, or further green space provision following the SANGS principles, is not necessary. However, the consultees, as noted below, remain concerned about the potential for AEol of European sites arising from displacement and construction workers. SZC Co. is committed to avoiding potential adverse effects on these sensitive sites, and as such is committing through this document (the terms of which will be added to the Deed of Obligation) to provide additional recreational green space and access improvements as a further mitigation measure.

2.2 Comments from Consultees

2.2.1 There has been extensive consultation with Natural England and other consultees throughout the process which led to the mitigation proposals to avoid recreational disturbance at European sites put forward within the DCO application.

2.2.2 Since the DCO application discussions with consultees have continued in order to reach agreement on the proposals.

2.2.3 Natural England's Written Representation [REP2-153], at Key Issue Reference 29, explains that Natural England is "*not yet satisfied*" that an adverse effect on the integrity of nearby European sites from increased recreational disturbance arising from the project can be ruled out. Natural England advised that a precautionary approach should be taken and considers that provisions necessary to mitigate impacts from Sizewell C include a SANG "*within or in close proximity to the development redline boundary*". Natural England has provided further clarity in correspondence received on 16th August 2021 (submitted at Deadline 7 in the 'Statement on Recreational Disturbance Numbers' Appendix C [[REP7-087](#)]):

"1.4.12 We advise that, on this basis and in accordance with the precautionary principle which is enshrined in the Habitats Regulations², adverse effects on the integrity of

*the nearby designated sites (as agreed within scope) cannot be ruled out beyond reasonable scientific doubt based on the mitigation which is currently proposed by the applicant. To address the significant amount of residual uncertainty regarding impacts from construction workers, **we advise that an alternative green space integrating Suitable Alternative Natural Greenspace (SANG) principles should also form part of the package, specifically to address impacts from workers within close proximity of the worker's accommodation.***” (Bold emphasis added.)

2.2.4 Natural England go on to say:

“1.4.13 Natural England acknowledges that the recreational needs of workers are slightly different to typical housing residents (e.g. most will not be allowed dogs) but consider that an alternative green space is required given that the worker's accommodation is proposed so close to the highly attractive designated sites and that the construction period is long term at 10-12 years during which time adverse effects could occur. We consider that the size and design of the alternative green space is open for debate in terms of SANGS guidelines (as partially listed in issue 29 of our Relevant Representations, Written Representations and SOCG), but that it would need to be specifically designed to mitigate impacts from workers, targeted at the types of recreation they are likely to undertake. We would be keen to work with the applicant to develop and agree this.”

2.2.5 The RSPB and SWT also consider that SANG should be provided to mitigate for construction workers, as stated in their Deadline 6 Submission [[REP6-046](#)] at paragraph 7.8:

“7.8 ... we accept that Aldhurst Farm is likely to provide alternative greenspace which will provide a contribution to a reduction of recreational impacts of the Application. However, we do not consider it sufficient in extent or recreational features provided to provide acceptable mitigation of impacts of both construction workers and displaced existing recreational users. Given the recreational features accommodated by Aldhurst Farm, we recommend that its development for families, walkers

*and dog walkers is continued with the aim of reducing recreational visits to designated sites by displaced existing recreational users **and that alternative outdoor ‘active’ recreational provision is sought for construction workers in addition to this.***” (Bold emphasis added.)

- 2.2.6 In paragraph 1.6.15 of their submission at Deadline 7 (Comments on any additional information/submissions received by D6 [\[REP7-137\]](#) the National Trust state that:

“... the National Trust believes that recreational displacement and additional visits to the countryside by construction workers arising from the development should not all be directed to designated sites and as such would wish to see adequate Suitable Alternative Natural Green Space (SANG) provision included as mitigation.”

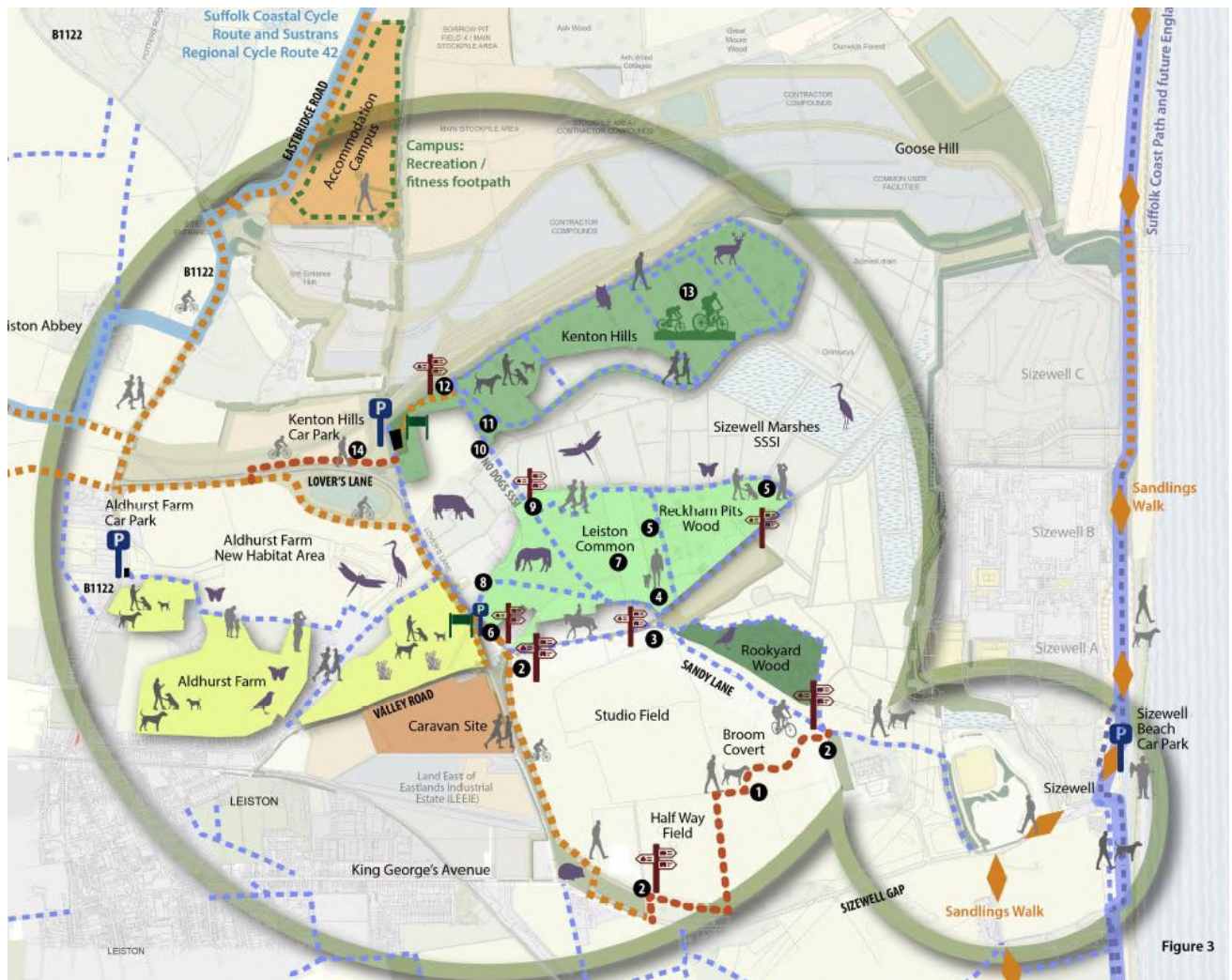
- 2.2.7 It is therefore clear that Natural England, the RSPB and SWT’s request for further alternative greenspace relates to construction workers, principally those residing at the accommodation campus and caravan site (up to 3,000 at peak) who will not be allowed dogs in their accommodation. The network of recreational landscapes including proposals for further improvements seek to address this concern.

- 2.2.8 These proposals would be delivered in addition to those which SZC Co. has already committed to, and which are summarised in Appendix C.

3 VISION

- 3.1.1 This section presents the overall vision for a network of recreational routes and spaces located between the accommodation campus, the caravan site and Leiston. It describes a network of existing access areas and routes, and committed and proposed improvements. These would provide an enriching and well-connected recreation experience for construction workers, local people and visitors, on the Sizewell Estate and beyond.
- 3.1.2 The overall vision including the proposals for the additional accessible green space and recreational route improvements are shown on Figure 3 in Appendix A, with an extract shown in Plate 3.1 below. This figure encapsulates a comprehensive network of existing, committed, and proposed further improvements and shows just how well they connect and provide for the accommodation campus, caravan site and town of Leiston, and other people who may otherwise visit European sites for recreation.

Plate 3.1: Extract from Figure 3 (included in full at Appendix A)



3.1.3 The existing and committed routes (see Figure 1, Appendix A) provide a good degree of accessibility to a wide variety of existing landscape and recreational areas, including (to name a sample): the public footpath and permissive footpaths at the expansive Leiston Common, permissive footpaths within the woodland at Kenton Hills, along existing Bridleway 19, the proposed off-road bridleway from Eastbridge Road to Sizewell Gap, and the newly created and accessible landscape at Aldhurst Farm.

3.1.4 The additional proposals (see Figures 2 and 3, Appendix A), numbered, with new routes coloured a burnt umber on Figure 3 and Plate 3.1, have been carefully considered by walking and reviewing the existing provisions to determine what connections or qualities may be missing and how these might be improved to enhance the diverse network of paths, cycle routes and areas for walking, dog walking, running, cycling and engaging with

nature. The numbered proposals are explained in more detail at Section **Error! Reference source not found.**, including how they would be delivered as part of the Sizewell C Project.

3.1.5 The network of additional proposals would provide the following:

- A new permissive pedestrian and cycle route of approximately 1km in length that would, combined with existing and committed routes within the area shown, facilitate off-road circular walks in excess of 9km.
- Circular walking and running routes easily accessible and signposted from car parks, the accommodation campus and caravan site, through a variety of habitat types, landscapes and terrains.
- A concentration of enhancements signposted south of the campus in order to attract and divert workers from the more limited connections which lead north towards Minsmere.
- Improvements to existing gateways and access points.
- A new off-road mountain bike skills trial, well signposted from the accommodation campus and caravan site, placed sensitively within Kenton Hills.
- Changes to the permissive footpath between the new off-road bridleway and Kenton Hills into a permissive footpath and cycleway to ensure access for mountain biking access is provided to the skills trail.
- Access improvements such as reducing path gradients or providing improved widths.
- Management of vegetation to ensure paths remain open and easily accessible, whilst maintaining their rural character.
- Space to exercise dogs safely off lead within clearly defined areas.
- Improved signage across the area, to make users feel welcome, give them directions, manage behaviours and highlight the presence of new and existing recreational opportunities within the wider area.
- Advertising and promotion of routes to the Sizewell construction workers, who would benefit from their close proximity.

3.1.6 Taken together, and combined with the existing and committed routes and areas, these proposals would deliver a high quality recreation offer, optimising the potential of this varied landscape, providing attractive

facilities to construction workers and the public, thereby ensuring recreational pressures are diverted away from vulnerable areas. Whilst workers at the accommodation campus would already have access to on-site facilities, including a gym and fitness trail at the campus, and all construction workers would have access to the active sports facilities proposed at the Alde Valley Academy in Leiston, the improvements would further enhance the excellent recreational network on their doorstep. This would serve to attract construction workers, and also local people and visitors who may otherwise access European sites.

3.1.7 Workers residing at the accommodation campus (up to 2,400 no.) would have direct access to this network, commencing at the new off road bridleway which would extend along the edge of existing fields with a retained hedgerow between the bridleway and the B1122, itself providing an enhanced part of the recreational network. Workers would be approximately 1.1km from Aldhurst Farm habitat area (at the north-west corner of Aldhurst Farm) via a new off-road bridleway, and 1.3km from the new car park at Aldhurst Farm, c. 2km away from the trails and mountain biking at Kenton Hills and c. 2.5km from Leiston Common. These would all be accessible via foot and bicycle on the new off-road bridleway which will be delivered early in the construction phase, and are all connected via various existing and proposed route options. Workers at the accommodation campus would also have access to the Suffolk Coastal Cycle Route and Regional Cycle Route 42 which passes the entrance to the accommodation campus. Workers at the caravan site would have direct access to Aldhurst Farm across Valley Road and, from there, to the rest of the connected network.

3.1.8 These recreational opportunities are all connected and would form part of one larger, diverse recreational landscape, meeting and exceeding Natural England's 'Site Quality Checklist for a SANG' as demonstrated in Table 3.1. The new and improved connections would allow users to undertake extensive walks or runs. For example, users could travel from the accommodation campus along the new off road bridleway to Aldhurst Farm, along the permissive path and cycle route to Kenton Hills, or across the new controlled crossing point to Bridleway 19 and into Leiston Common. From Leiston Common they could continue along the enhanced permissive footpath network around Reckham Pits Wood, or walk across Sizewell Marshes to Kenton Hills, or travel further afield to the coast. These improved links allow users greater and more well-connected access to diverse and undulating landscapes, including the created habitats at Aldhurst Farm with views across the new wetlands, through coniferous and deciduous woodland at Kenton Hills, across the grazing pasture at Sizewell Marshes, through the heathland of Leiston Common, the mixed deciduous

woodland at Reckham Pits Wood, the wet woodland at Rookyard Wood, or to the expansive coastline and beach at Sizewell.

- 3.1.9 The off-road bridleway from the accommodation campus and caravan site also provide connections to the extensive inland network of footpaths and bridleways, and the extensive coastal walks to the north and south.
- 3.1.10 This enhanced network within close proximity to the main development site will be complimented by the further extensive improvements to public rights of way and cycle routes and facilities within the wider area that will be funded in the PRow Fund and the Cycling Fund through Deed of Obligation.
- 3.1.11 SZC Co. would promote and explain these opportunities to construction workers and provide information for both workers and the public on the environment, the species, habitats and landscapes, their origin and history, as well as the sensitivities and activities that could potentially cause damage at European sites. This wide range of interconnected opportunities and resources would provide a significant attraction, especially for the adjacent construction workers, but also for the local community and visitors. They would help reduce the potential for disturbance at European sites from existing and new visitors to the area.

Table 3.1: Comparison of the existing, committed and proposals for enhancement of the green space network to Natural England’s SANG Site Quality Checklist

| Natural England’s Criteria | | Provision |
|----------------------------|---|--|
| Must haves | | |
| 1 | Parking on all sites larger than 4ha (unless the site is intended for use within 400m only) | Car parks at Aldhurst Farm (to be enlarged from 5 existing to 20 spaces) and Kenton Hills (to be enlarged by about 15 spaces from the existing capacity of approximately 19 spaces). SZC Co. will also subsidise parking at Sizewell beach car park during the construction phase so that it is free or reduced cost, to increase its attractiveness as a recreational location away from European sites, as stated in the Monitoring and Mitigation Plan (MMP) for Minsmere – Walberswick and Sandlings (North) (Doc. Ref. Xxx). This will be funded through the European Sites Access Contingency Funds |

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| | | in the Deed of Obligation Schedule 11 paragraph 6. |
| 2 | Circular walk of 2.3-2.5km | <p>Circular walks in excess of 9km available within the area within the Sizewell Estate shown on Figures 2 and Figure 3, via a number of alternative routes.</p> <p>The paths connect an extensive network of Public Rights of Way, permissive footpaths and accessible landscapes including at Aldhurst Farm, Kenton Hills, Leiston Common, Sandy Lane, Reckham Pits Wood, Rookyard Wood, and the grasslands at Broom Covert, Half Way Field and Studio Field. New crossings will be provided over the B1122 and Lover's Lane to provide safe connections across roads. These all connect to the wider network, including to the coast at Sizewell, and lie outside European sites and close to the main centres of construction worker's accommodation.</p> |
| 3 | Car parks easily and safely accessible by car and clearly sign posted | <p>Car parks at Aldhurst Farm and Kenton Hills will be clearly signposted from Abbey Road and Lover's Lane.</p> <p>There is existing informal parking west of Leiston Common where a new access gate will be provided.</p> <p>It is anticipated that construction workers at the accommodation campus and caravan site would be most likely to walk or cycle to access these areas, and not drive to the car parks.</p> <p>SZC Co. will provide interpretation signage at Sizewell beach car park in addition to subsidising the cost for parking, as stated in the MMP for Minsmere – Walberswick and Sandlings (North) (Doc. Ref. Xxx). This will be funded through the European Sites Access Contingency Funds in the Deed of Obligation Schedule 11 paragraph 6.</p> |
| 4 | Access points appropriate for | Access points will be enhanced to ensure that they are accessible by construction |

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| | particular visitor use the SANG is intended to cater for | workers, but also by the general public including people with particular protected characteristics identified by SCC. |
| 5 | Safe access route on foot from nearest car park and/or footpath/s | The network will be safe by providing additional off-road routes where PRoW currently run along Lover's Lane carriageway, safe off-road bridleways from the accommodation campus and caravan site, new safe road crossings, and safe access directly from Aldhurst Farm and Kenton Hills car parks. |
| 6 | Circular walk which starts and finishes at the car park | The first approximately 190m from the Aldhurst Farm car park is along a new surfaced footpath, which walkers will need to return along when walking back to their cars at the end of their walks. There is a short permissive footpath leading to circular walks around Kenton Hills and beyond, from the Kenton Hills car park. |
| 7 | Perceived as safe – no tree and scrub cover along part of walking routes | Many of the recreational routes pass through open landscapes including grassland / heathland habitats (e.g. Aldhurst Farm, Leiston Common, Sizewell Marshes, Broom Covert, Half Way Filed and Studio Field). Some routes also pass through mixed and coniferous woodland (Kenton Hills, Reckham Pits Wood and Rookyard Wood). However, woodland is positive, as noted on page 3 of Natural England's guidelines for SANG (see Appendix B) which says ' <i>Surveys [carried out at heathland sites within the Thames Basin Heaths area or within the Dorset heathlands] clearly show that woodland or a semi-wooded landscape is a key feature that people appreciate in the sites they visit, particularly those who use the SPA. This is more attractive than open landscapes or parkland with scattered trees.</i> ' The recreational network provides opportunities to experience a range of open and more enclosed / wooded landscapes. |

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| | | In addition, Kenton Hills car park is to be improved and enlarged through the Sizewell C Project, with one measure to remove selective vegetation to make the car park more open, welcoming and attractive. |
| 8 | Paths easily used and well maintained but mostly unsurfaced | Many paths in this area are unsurfaced, or follow tracks used for maintenance. Some are or will be surfaced where agreed with SCC – e.g the new PRoW and the existing PRoW within Aldhurst Farm, and the proposed off-road bridleway between the accommodation campus and Sizewell Gap. All paths will be well maintained, including management of vegetation to ensure that they remain accessible. |
| 9 | Perceived as semi-natural with little intrusion of artificial structures | <p>All of these landscapes appear semi-natural. E.g.:</p> <p><u>Aldhurst Farm</u> is an area of former arable land that has been subject to a habitat creation scheme (implemented in 2015-2016) and public access scheme (implemented in 2021) to compensate for the loss of wetland and reedbed on the proposed Sizewell C power station site, and provide access to mitigate potential displacement to European sites. These schemes include 7 ha of reedbed and wetlands in a series of four lagoons as well as new areas of open access provision within grasslands. The long term vision for Aldhurst Farm is to create a habitat mosaic which reflects the distinctive land-use, topography and vegetation typologies that are characteristic of the Suffolk Coasts and Heaths AONB.</p> <p>Houses and a sewage works lie adjacent to the site and are currently visible from it, but new and future planting will provide screening.</p> <p><u>Kenton Hills</u> is the largest single block of managed woodland on the estate, a mainly Scots and Corsican pine plantation extending to 95 ha. It is managed to provide</p> |

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| | | <p>screening of the Sizewell power stations, to provide timber and for biodiversity and recreation. Opportunities are taken at each timber thinning to increase the number of oak and sweet chestnut trees planted which then improves the biodiversity and aesthetic value of the woodland.</p> <p>The <u>Sizewell Marshes</u> SSSI is a complex system of grazing marsh, fen and reedbed interspersed with dykes and ditches holding both static and flowing water. A permissive footpath crosses the marshes linking Kenton Hills and Leiston Common.</p> <p><u>Leiston Common</u> is a large area of heathland, having been cleared of invasive birch and bracken scrub. Part of it is a County Wildlife Site managed by grazing and bracken control.</p> <p><u>Reckham Pits Wood</u> is lowland mixed deciduous woodland. It comprises oak and birch with some sycamore, and Scots and Corsican pines.</p> <p><u>Rookyard Wood</u> is a wet woodland based on alder and willow and surrounded by dykes. The woodland is primarily managed for landscape and wildlife objectives. Permissive footpaths pass through the grazing pasture encircling the woodland.</p> <p><u>Halfway Field</u> forms part of the <u>Studio Field</u> complex and is managed as a reptile receptor site comprising heathland / acid grassland. Management measures to improve the habitat value for reptiles has included allowing growth of planted scrub, scrub planting, and construction of features such as basking banks and hibernacula.</p> <p><u>Broom Covert</u> is an area of grazed heathland traditionally used to over-winter cattle taken off Sizewell Marshes. Broom Covert is now maintained by light summer grazing and some cutting of the grassland with control of encroaching bracken.</p> |
|--|--|---|

| | | |
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| | | Views of artificial structures (e.g. Sizewell A and B stations, pylons, nearby housing and roads, the sewage works at Aldhurst Farm) are possible from some areas. Construction works will also be visible from some locations, and construction works will be audible. However, the over-riding experience is of a 'natural' landscape. |
| 10 | If larger than 12 ha then a range of habitats should be present | A range of habitats is present as described in item 9 above. |
| 11 | Access unrestricted – plenty of space for dogs to exercise freely and safely off the lead | It will be possible to exercise dogs off-lead and under effective control at many areas or routes including Aldhurst Farm, Kenton Hills, Sandy Lane, the new bridleway and permissive footpath / cycleway at Broom Covert, Half Way Field and Studio Field, and on permissive footpaths around Reckham Pits Wood. Signage will be provided so that it is clear how dogs should be managed to ensure no conflict with, for example, wildlife and livestock. |
| 12 | No unpleasant intrusions (e.g. sewage treatment smells etc) | SZC Co. is not aware of any odours from the existing Leiston sewage works but if they did occur the odours will dissipate with distance and are expected to be very localised. Existing vegetation, and further planting to be implemented in winter 2021/22, will help to screen the sewage works. |
| Should haves | | |
| 13 | Clearly sign posted or advertised in some way | The network will be clearly signposted, and construction workers will be regularly briefed on the opportunities it provides. |
| 14 | Leaflets or website advertising their location to potential users | Aldhurst Farm is being, and will continue to be, publicised for the recreational opportunities it provides, in particular off-lead dog walking. Construction workers will be regularly briefed on the opportunities that the network provides. |

| Desirable | | |
|-----------|--|---|
| 15 | Can dog owners take dogs from the car park to the SANG safely off the lead | Dogs can be taken off-lead directly from the car parks at Aldhurst Farm and Kenton Hills, and also from Sizewell beach car park. |
| 16 | Gently undulating topography | The topography of the area is gently undulating, with low-lying wetland landscapes within Sizewell Marshes and Aldhurst Farm, and land rising to the north and south. |
| 17 | Access points with signage outlining the layout of the SANG and routes available to visitors | Signage is already provided at Aldhurst Farm, and the proposed improvements will ensure that signage outlining the layout of the accessible network is provided at access points and key locations. |
| 18 | Naturalistic space with areas of open countryside and dense and scattered trees and shrubs. Provision of open water is desirable | This is provided, as described under item 9 above. |
| 19 | Focal point such as a viewpoint or monument within the SANG | Views across the landscapes are / will be possible from a number of vantage points, such as at the proposed bird hide in Aldhurst Farm, and from elevated land in Leiston Common looking across Sizewell Marshes to Kenton Hills. |

3.1.12 Natural England's previous SANG guidelines required SANG to be area based, and did not include linear SANG or linked SANG. The new SANG guidance published by Natural England in August 2021 (included in Appendix B) states that linear SANG and routes can be part of the SANG provision. Page 4 of the new SANG guidelines states:

" The evidence shows that the use of SANG networks, linear orientated sites and small sites of no smaller than two hectares have potential to provide effective mitigation where traditional SANG is unavailable. These SANG areas will be linked and/or in proximity to an

already established SANG. If effectiveness can be demonstrated of small or linear SANGs working alone, then we will assess this on a case by case basis, taking in to account the site's context amongst the wider greenspace network."

- 3.1.13 The existing, committed and proposed further improvements to the linear and area recreational network presented in this report will provide excellent alternative recreational green space and routes for construction workers and the general public, to help mitigate the potential for recreational disturbance at European sites.

4 SECURING FURTHER IMPROVEMENTS

4.1.1 The proposals for further improvements, which are in addition to those already committed and summarised in Appendix C, are described in two tables below, which also identify how they would be secured and funded as part of the Sizewell C Project:

Table 4.1: Overarching proposals

- Table 4.2: Detailed proposals

4.1.2 The areas and locations discussed in the tables, and numbered in Table 4.2, are illustrated on Figures 2 and 3 in Appendix A.

4.1.3 The committed delivery of improvements to Aldhurst Farm and Kenton Hills, and other access improvements, are already covered by existing documentation.

4.1.4 The most effective means of securing these additional provisions is proposed to be via a new provision within the SZC Deed of Obligation which requires the principles and details of this plan to be developed and maintained in accordance with a timetable and approval process submitted to and approved by Suffolk County Council in consultation with East Suffolk Council, other members of the Environment Review Group and the SCHAONB Partnership.

Table 4.1: Overarching proposals

| Measure | How funded / secured |
|---|--|
| Signage | |
| Welcoming signage at visitor access points. Initial messaging and engagement will communicate a feeling of welcome and answer as a priority “where can I go and what can I do”, ensuring that other important management outcomes are not compromised (e.g. wildlife conservation). | Obligation in Deed of Obligation |
| Space for temporary information at access points so that SZC Co. can convey information about management taking place, or events or further | Obligation in Deed of Obligation and a commitment to |

| Measure | How funded / secured |
|--|----------------------------------|
| improvements to engage visitors, or communicate other information important to SZC Co. | active updating and Management |
| Finger posts and waymark arrows to make people feel welcome, as well as showing where they can go and what they can do, especially where new or improved amenity is being provided. | Obligation in Deed of Obligation |
| <p>Where it is necessary to communicate where dog walking access is allowed and when, and where dogs are required to be on lead or off lead, there will be clear signage.</p> <p>The approach on the Sizewell Estate is that dogs are permitted on PRowS and permissive routes across the estate, with the expectation that they are kept under effective control in accordance with the Countryside Code¹, and with specific restrictions on access for dogs where this would cause issues (e.g. the SSSI crossing).</p> <p>New access areas for off-lead dog walking provided at Aldhurst Farm.</p> | Obligation in Deed of Obligation |
| Vegetation management | |
| Vegetation along footpaths and where space is to be provided for exercising dogs (e.g. for ball throwing) will be managed to allow use of areas for the intended recreation, while achieving other management objectives (e.g. wildlife conservation). Paths through grassland or other vegetation will be regularly cut to ensure access is clear and unrestricted. | Obligation in Deed of Obligation |



¹ 'Keep your dog under effective control to make sure it stays away from wildlife, livestock, horses and other people unless invited. You should:




- always keep your dog on a lead or in sight
- be confident your dog will return on command
- make sure your dog does not stray from the path or area where you have right of access




Always check local signs as there are situations when you must keep your dog on a lead for all or part of the year. Local areas may also ban dogs completely, except for assistance dogs. Signs will tell you about these local restrictions.' (<https://www.gov.uk/government/publications/the-countryside-code/the-countryside-code-advice-for-countryside-visitors>) (accessed 17/9/21)





| Measure | How funded / secured |
|---|----------------------------------|
| Fencing, gates, stiles and footbridges | |
| Secure perimeter fencing will be provided where it is necessary to keep people and dogs separated from roads, or sensitive habitats or features. | Obligation in Deed of Obligation |
| Gates will only be provided where necessary, with gaps preferred to provide least-restrictive access. Stiles will be avoided, as they are more restrictive for access than gates or gaps. | Obligation in Deed of Obligation |

Table 4.2: Detailed proposals (see Figure 2 for locations)




| Proposal i/d | Image | Notes | Measure | How funded / secured |
|---|---|---|--|----------------------------------|
| 1 Half Way Field / Broom covert |  | Opportunity to create an additional circular walk / run / off-road cycle route connecting Bridleway 19 to Sandy Lane, and the new off-road bridleway between the campus and Sizewell Gap, and further afield. | New unsurfaced permissive footpath and cycle route within 7m wide corridor, which may be fenced where there are ecological / land management issues with adjoining land. Potential hedge planting along some boundaries to strengthen rural character and enhance habitat. Dogs allowed off-lead and under effective control within route. | Obligation in Deed of Obligation |
| 2 Rookyard Wood |  | Opportunity to make it clearer to walkers that there is an existing permissive | Provide finger post sign for Bridleway 19 and Permissive Footpath around Rookyard Wood, and to the new permissive foot / cycle route to south (i/d 1). | Obligation in Deed of Obligation |

| Proposal i/d | Image | Notes | Measure | How funded / secured |
|---|---|---|---|----------------------------------|
| | | footpath to the north. | | |
| 2a Bridleway / permissive route junctions | | | Finger post signs | Obligation in Deed of Obligation |
| 3 Sandy Lane, Reckham Pits Wood and Rookyard Wood |  | Permissive footpath to Rookyard Wood and Reckham Pits Wood, and Bridleway 19 route options currently unclear. | Provide sign showing the permissive footpath and PRoW routes around Reckham Pits Wood and Rookyard Wood. | Obligation in Deed of Obligation |
| 4 Sandy Lane and PRoW E-363/030/0 |  | Existing finger post signs at the triangle junction are obscured and need rationalising. Signage could be improved. | Improve signage and include a finger post towards the permissive footpaths at Reckham Pits Wood and Rookyard Wood. Finger post to Sizewell and the coast. Clear signage that dogs to be kept on-lead on Leiston Common, and to be kept under effective control on the permissive footpath around Reckham Pits Wood. | Obligation in Deed of Obligation |
| |  | PRoW E-363/030/0 to Leiston Common is narrow. | Widen footpath through vegetation management. | Obligation in Deed of Obligation |

| Proposal i/d | Image | Notes | Measure | How funded / secured |
|--------------------------------------|---|--|---|----------------------------------|
| 5 Reckham Pits Wood |  | Existing permissive footpath around Reckham Pits Wood is within the woodland – opportunity to allow off-lead dog walking. | Signs to advise that dogs to be kept under effective control. | Obligation in Deed of Obligation |
| 6 The Common |  | Existing on road car parking for 5+ vehicles. Currently no direct access to Leiston Common at this location. | Create new pedestrian access gate next to existing field gate on the right side of this photo. Provide combined dog waste and general waste bin (or bins to suit existing collection arrangements) within Sizewell Estate land. | Obligation in Deed of Obligation |
| | | | Provide welcoming interpretation sign within Sizewell Estate land, and sign to the access network including Leiston Common, Reckham Pits Wood, Aldhurst Farm, Kenton Hills and to the coast. Sign to make clear that dogs must be kept on-lead on the Common. | Obligation in Deed of Obligation |
| 7 Leiston Common Open Access Land |  | Opportunity to create a network of pedestrian routes through the dense bracken within the Open Access Land at Leiston Common | Regularly mow informal routes through bracken. | Obligation in Deed of Obligation |

| Proposal i/d | Image | Notes | Measure | How funded / secured |
|---|---|--|--|----------------------------------|
| 8 PRoW E-363/030/0 access to Leiston Common |  | Gate into Leiston Common overgrown and not at the level. | Create level entry onto Leiston Common and a replacement 'all accessible' gate along with destination signage (e.g. to Kenton Hills, Leiston Common and Aldhurst Farm) and clarification re lead use by walkers with dogs. | Obligation in Deed of Obligation |
| 9 Permissive footpath between Leiston Common and Sizewell marshes |  | Steep slope from Leiston Common (top of slope) down to Sizewell Marshes. (winter photo). | Create additional shallower longer route to the east, for those who find the direct route too steep. Provide signage to identify both routes. | Obligation in Deed of Obligation |
| |  | Photo from same location taken in July 2021 – overgrown with bracken | Manage vegetation to keep permissive footpath clear. | Obligation in Deed of Obligation |
| | | | Provide signage to Kenton Hills, Leiston Common, Aldhurst Farm, Reckham Pits Woods, and sign saying dogs on lead on Leiston Common, and dogs not allowed across the SSSI. | |
| 10 Kenton Hills permissive footpath from Sizewell Marshes |  | Path linking Sizewell Marshes and Kenton Hills is narrow and encroached by bracken. | Widen permissive path through vegetation management. Sign saying no dogs across the SSSI, and dogs to be kept under effective control at Kenton Hills. | Obligation in Deed of Obligation |

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| Proposal i/d | Image | Notes | Measure | How funded / secured |
|---|---|---|--|----------------------------------|
| 11 Permissive footpath junction with footpath to Sizewell Marshes |  | No sign to Leiston Common from paths in Kenton Hills. | Provide finger post showing direction to Leiston Common and Kenton Hills car park. Sign saying no dogs across the SSSI, and dogs to be kept under effective control at Kenton Hills. | Obligation in Deed of Obligation |
| 12 Permissive footpath junction with footpath to car park |  | No sign to Kenton Hills car park, or to Aldhurst Farm once new link across Lover's Lane is provided. | Provide finger post sign showing direction to Leiston Common, Kenton Hills car park and Aldhurst Farm. Sign saying no dogs across the SSSI, and dogs to be kept under effective control at Kenton Hills. | Obligation in Deed of Obligation |
| 13 Coniferous woodland within Kenton Hills |  | Opportunity to provide off-road bike trails through the coniferous woodland, for construction workers but also open to the public. Mountain bikers from campus is concern raised by consultees including Natural England. | <p>Create an off-road mountain bike skills trail, well signposted from the accommodation campus and caravan site, the new off-road cycle route within Aldhurst Farm, and from Kenton Hills car park. Parkwood Springs Sheffield, Aberfoyle MTB skills area Scotland and Comrie Croft skills area Scotland are examples, but the degree of difficulty would be designed specifically for this location to make it attractive to construction workers.</p> <p>This trail would be aligned, where practical, with the ecology commitment to create 3km of new glades and rides in Kenton Hills for bat foraging (see the Estate Wide Management Plan for the EDF Energy Estate submitted at Deadline 8).</p> <p>The trail would not be a formalised right of way. Access to be carefully designed and</p> | Obligation in Deed of Obligation |

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| Proposal i/d | Image | Notes | Measure | How funded / secured |
|--|-------|--|--|----------------------------------|
| | | | controlled and a suitable management regime to be agreed. | |
| 14 Link between Aldhurst Farm and Kenton Hills | | Permissive footpath connection between new off-road bridleway in Aldhurst Farm and Kenton Hills is committed from approx. after 2nd year of construction phase, which will be dedicated as Bridleway during operation. | Change the permissive footpath (construction phase) between the new off-road bridleway and Kenton Hills to a permissive footpath and cycleway (if item 13 is delivered). | Obligation in Deed of Obligation |

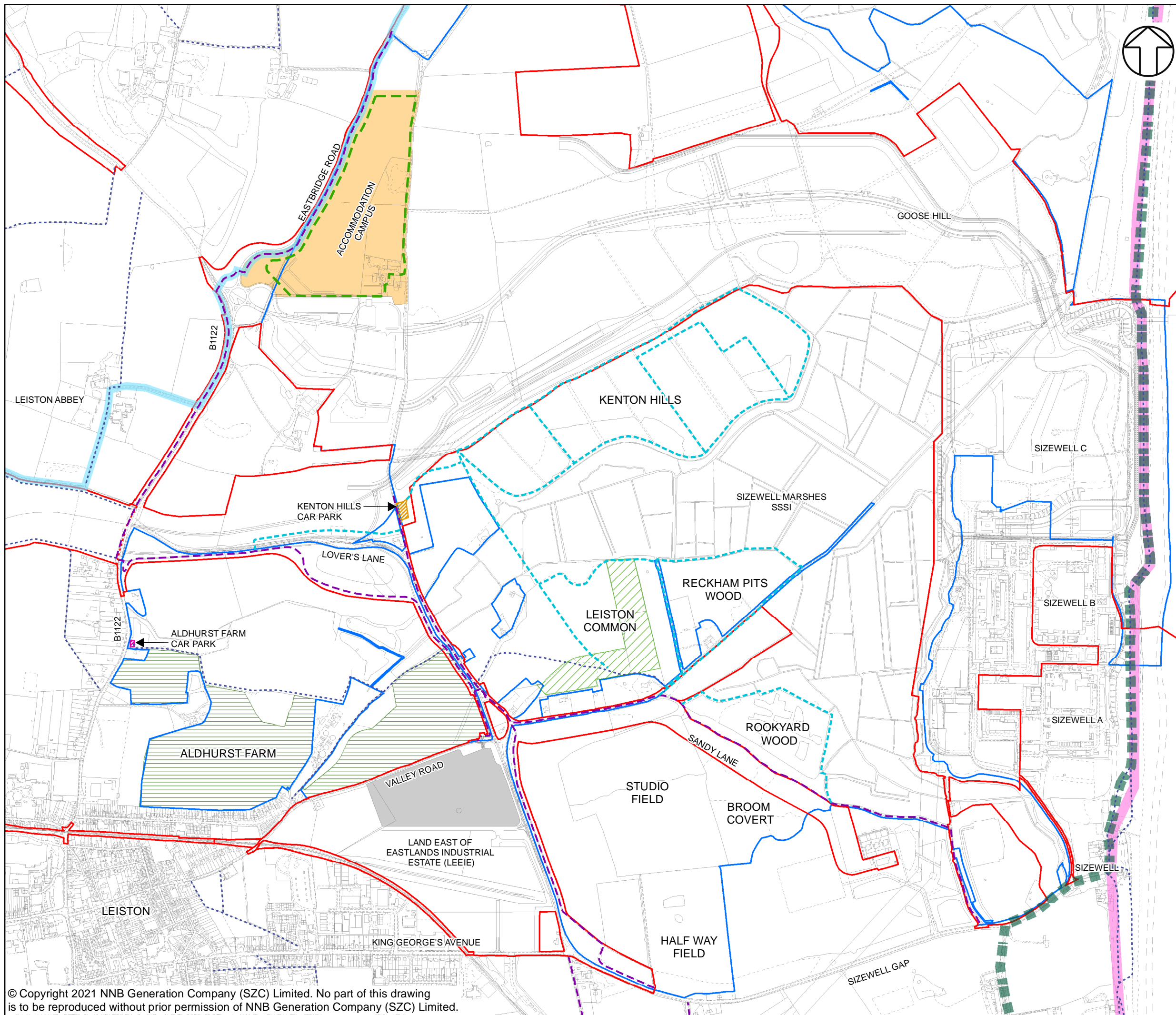
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APPENDIX A: FIGURES

Figure 1: Existing and Committed Recreational Access – Construction Phase

Figure 2: Proposed Additional Recreational Greenspace Enhancements –
Construction Phase

Sizewell C – Informal Recreation and Green Space Proposals



NOTES

KEY

- SIZEWELL C AND ASSOCIATED DEVELOPMENT SITE BOUNDARIES
- - - DEMARCATION LINE
- SIZEWELL ESTATE BOUNDARY
- EXISTING AND PROPOSED (ALREADY COMMITTED) - CONSTRUCTION PHASE
- EXISTING REGISTERED COMMON LAND
- EXISTING OPEN ACCESS LAND
- ACCOMMODATION CAMPUS
- CARAVAN SITE
- RECREATION FITNESS FOOTPATH
- KENTON HILLS CAR PARK IMPROVEMENTS
- ALDHURST FARM OPEN ACCESS LAND
- - - PERMISSIVE FOOTPATHS (EXISTING AND PROPOSED)
- SANDLINGS WALK WITH RE-ALIGNMENT ON COAST
- SUFFOLK COAST PATH AND FUTURE ENGLAND COAST PATH WITH RE-ALIGNMENT ON COAST
- SUSTRANS REGIONAL CYCLE ROUTE (RCR) (42) AND SUFFOLK COASTAL CYCLE ROUTE
- PUBLIC RIGHTS OF WAY (EXISTING (SUFFOLK COUNTY COUNCIL), DIVERTED AND PROPOSED)
- - - FOOTPATH
- - - BRIDLEWAY

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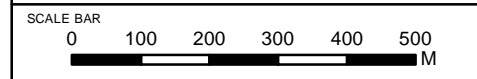


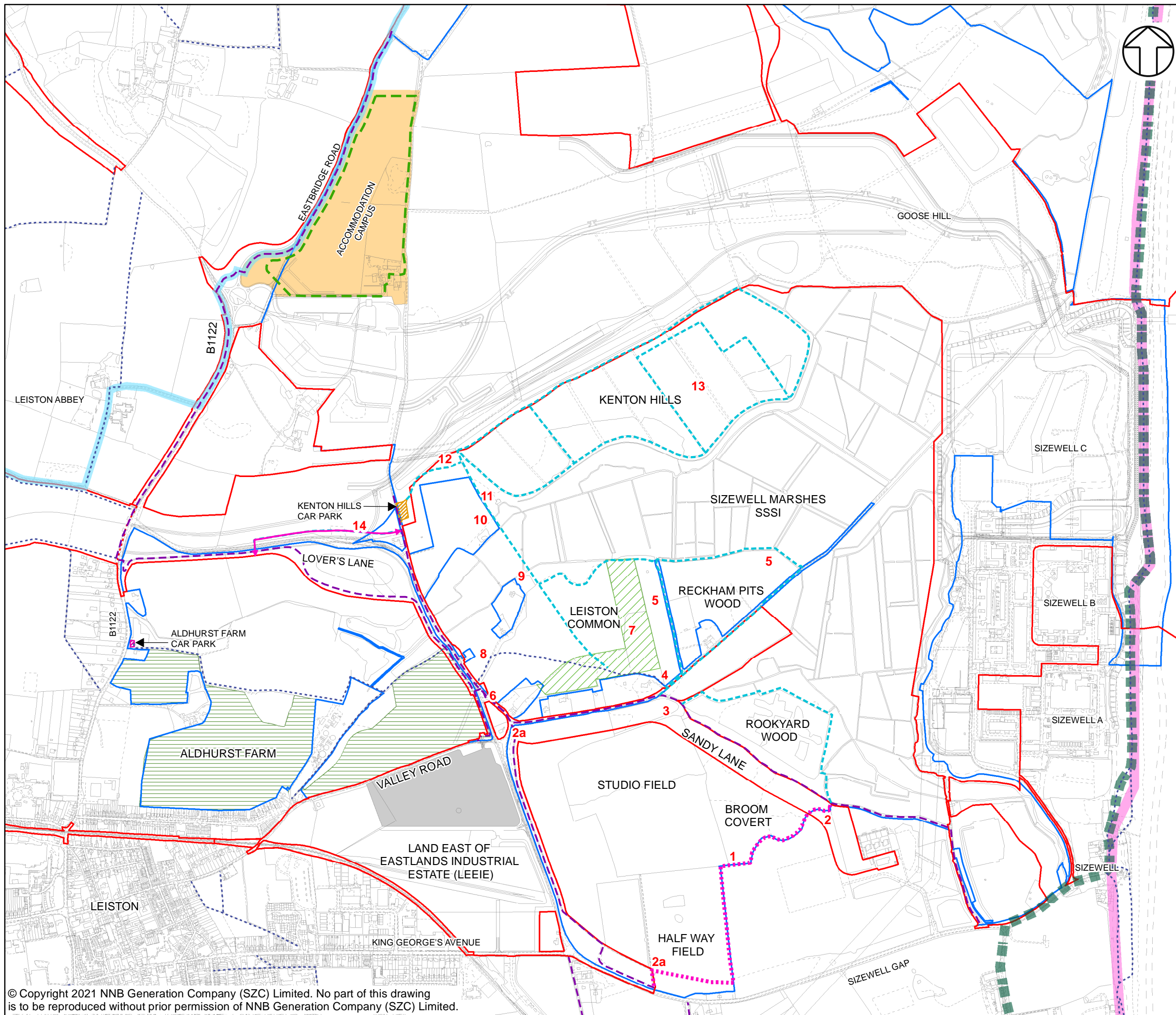
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 SIZEWELL C

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 FIGURE 1: EXISTING AND COMMITTED RECREATIONAL ACCESS - CONSTRUCTION PHASE

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NOTES

KEY

- SIZEWELL C AND ASSOCIATED DEVELOPMENT SITE BOUNDARIES
- - - DEMARCATION LINE
- SIZEWELL ESTATE BOUNDARY
- EXISTING AND PROPOSED (ALREADY COMMITTED) - CONSTRUCTION PHASE
- EXISTING REGISTERED COMMON LAND
- EXISTING OPEN ACCESS LAND
- ACCOMMODATION CAMPUS
- CARAVAN SITE
- RECREATION FITNESS FOOTPATH
- KENTON HILLS CAR PARK IMPROVEMENTS
- ALDHURST FARM OPEN ACCESS LAND
- - - PERMISSIVE FOOTPATHS (EXISTING AND PROPOSED)
- SANDLINGS WALK WITH RE-ALIGNMENT ON COAST
- SUFFOLK COAST PATH AND FUTURE ENGLAND COAST PATH WITH RE-ALIGNMENT ON COAST
- SUSTRANS REGIONAL CYCLE ROUTE (RCR) (42) AND SUFFOLK COASTAL CYCLE ROUTE
- PUBLIC RIGHTS OF WAY (EXISTING (SUFFOLK COUNTY COUNCIL), DIVERTED AND PROPOSED)
- - - FOOTPATH
- - - BRIDLEWAY
- PROPOSED FOR FURTHER ACCESS IMPROVEMENTS
- PERMISSIVE FOOTPATH CHANGED TO PERMISSIVE FOOTPATH AND CYCLEPATH
- - - NEW PERMISSIVE FOOTPATH AND CYCLEWAY
- 1** ENHANCED WORK REFERRED TO IN REPORT

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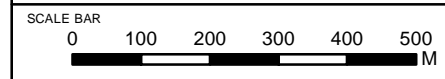


DOCUMENT:
SIZEWELL C

DRAWING TITLE:
FIGURE 2: PROPOSED ADDITIONAL RECREATIONAL ACCESS ENHANCEMENTS - CONSTRUCTION PHASE

DRAWING NO:
6839_SK_122

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| DATE: SEP 2021 | DRAWN: A.G. | SCALE: 1:11,000 @A3 | REV: 02 |
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Sizewell C - Informal Recreation and Green Space Proposals

Proposals for an enriching and well-connected recreation experience for construction workers, local people and visitors on the Sizewell Estate and beyond.

These proposals will provide a network of recreational opportunities further enhancing the existing accessible landscapes, footpaths and bridleways, and those already committed to as part of the Sizewell C Project. They will, together, provide an excellent outdoor informal recreational landscape for walking, dog walking, running and cycling close and well-connected to the construction worker's accommodation at the

accommodation campus and caravan site, and to Leiston where many construction workers are likely to stay. This diverse range of enhanced access routes and spaces, together with education for construction workers on the opportunities provided and the sensitivities of European sites, will help to reduce the potential for recreational disturbance at European sites.

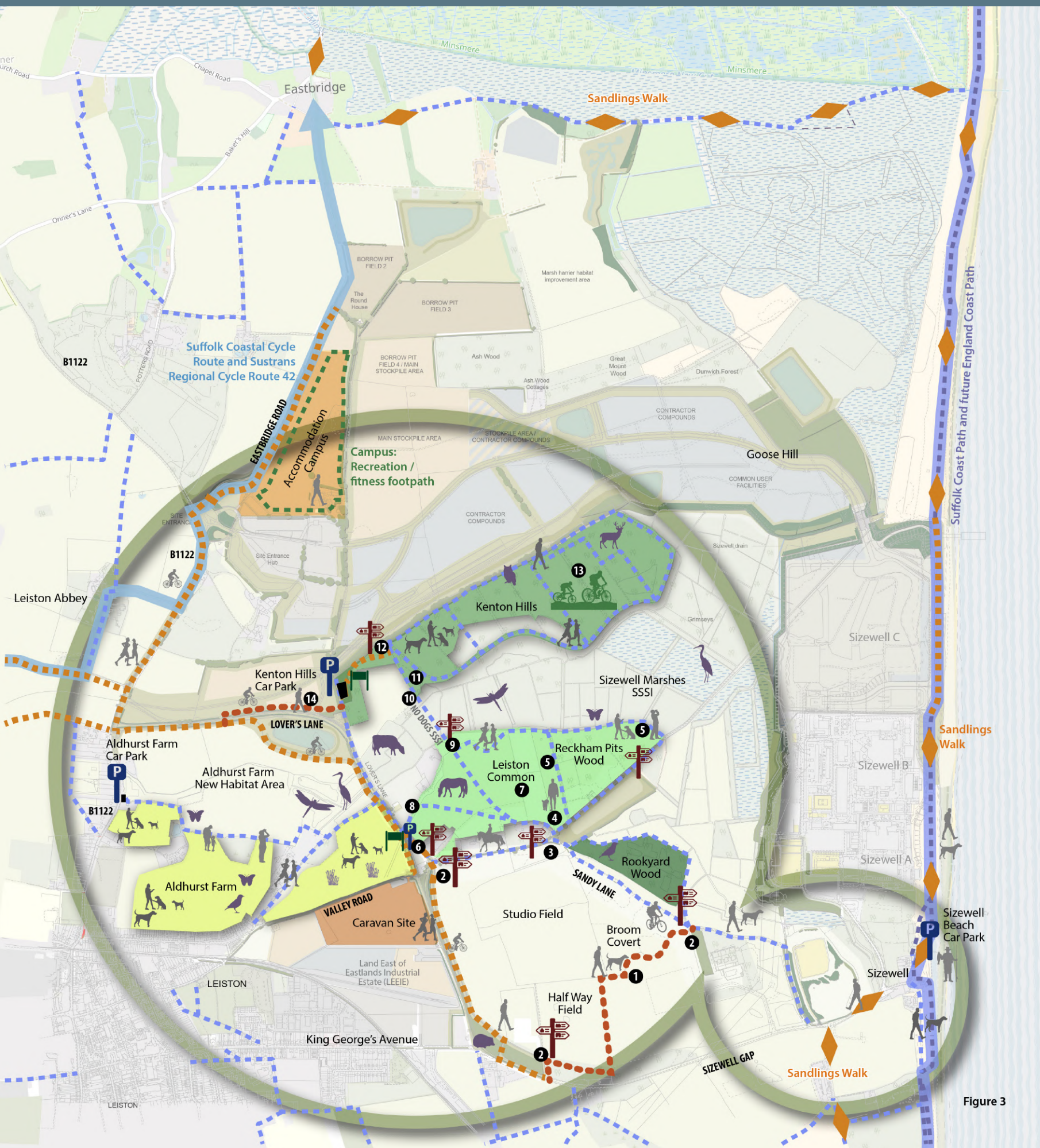


Figure 3

- 1 New footpath and cycle route within 7m wide accessible corridor. This would create a new circular walking / running / dog walking / cycling route connecting to Bridleway 19 on Sandy Lane and the proposed off-road bridleway between the campus and Sizewell Gap, and further afield.
- 2 New finger post signs providing clear waymarking at junctions.
- 3 New signage on Bridleway 19 showing the permissive footpath routes around Reckham Pits Wood and Rookyard Wood.
- 4 Improvements to signage to the permissive footpaths at Reckham Pits Wood. Finger posts to highlight Bridleway 19 to Sizewell and the coast. Signage stating that dogs should be kept on-lead at Leiston Common and to be kept under effective control on the permissive footpaths around Reckham Pits Wood. Footpath into Leiston Common widened and enhanced through vegetation management.
- 5 Signage to advise that dogs to be kept under effective control on the permissive paths around Reckham Pits Wood.
- 6 Location of existing on-road car parking for 5+ vehicles. Creation of a new pedestrian access gate to Leiston Common. Provision of combined dog and general waste bin. Signage to explain the access network that includes Leiston Common, Reckham Pits Wood, Aldhurst Farm, Kenton Hills and to the coast. Sign to make clear that dogs must be kept on-lead on the Common.
- 7 Regular mowing of routes through the bracken at Leiston Common.
- 8 Improve existing permissive footpath access to Leiston Common - level ground surface, replace gate and provide signage.
- 9 Creation of a new shallower permissive footpath down the steep slope between Leiston Common and Sizewell Marshes. Manage vegetation to keep permissive footpath clear of bracken. Signage directing to Kenton Hills, Leiston Common, Aldhurst Farm and Reckham Pits Wood, and to advise that dogs must be kept on-lead at Leiston Common and dogs not allowed across the Sizewell Marshes SSSI.
- 10 Widening of the permissive path within Kenton Hills, linking Sizewell Marshes to Kenton Hills through vegetation management. New signage explaining that no dogs are allowed across the SSSI and that dogs are to be kept under effective control in Kenton Hills.
- 11 New signage to direct users between Leiston Common, permissive footpaths within Kenton Hills woodland, and Kenton Hills car park.
- 12 New signage to direct users between Leiston Common, Kenton Hills woodland and car park, and to Aldhurst Farm following the creation of a new link across Lover's Lane.
- 13 Creation of a new off-road mountain bike skills trail through the coniferous woodland at Kenton Hills that is signposted from the construction workers accommodation campus and caravan site, the new off-road cycle route within Aldhurst Farm, and from Kenton Hills car park. Access to be carefully controlled and a suitable management regime to be agreed.
- 14 Permissive footpath upgraded to include cyclists.

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APPENDIX B: GUIDELINES FOR RECREATION OF SUITABLE ALTERNATIVE NATURAL GREENSPACE (SANG) – AUGUST 2021 (NATURAL ENGLAND)

- B.1.1. Guidelines published by Natural England and received from Natural England on 8 September 2021.

Guidelines for Creation of Suitable Alternative Natural Greenspace (SANG) – August 2021

Introduction

‘Suitable Alternative Natural Greenspace’ (SANG) is the name given to green space that is of a quality and type suitable to be used as avoidance within the Thames Basin Heaths Planning Zone.

Its role is to provide alternative green space to divert visitors from visiting the Thames Basin Heaths Special Protection Area (SPA). SANG are intended to provide avoidance measures for the potential impact of residential development on the SPA by preventing an increase in visitor pressure on the SPA. The effectiveness of SANG as mitigation will depend upon the location and design. These must be such that the SANG is more attractive than the SPA to users of the kind that currently visit the SPA.

This document describes the features which have been found to draw visitors to the SPA, which should be replicated in SANG. It provides guidelines on

- the type of site which should be identified as SANG
- measures which can be taken to enhance sites so that they may be used as SANG

It also covers the outputs of the recent Thames Basin Heaths Project 2021.

These guidelines relate specifically to the means to provide mitigation for significant impact arising from new housing within the Thames Basin Heaths Zone of influence. They do not address nor preclude the other functions of green space. Other functions may be provided within SANG, as long as this does not conflict with the specific function of mitigating visitor impacts on the SPA.

SANG may be created from:

- existing open space of SANG quality with no existing public access or limited public access, which for the purposes of mitigation could be made fully accessible to the public
- existing open space, which is already accessible, but which could be changed in character so that it is more attractive to the specific group of visitors who might otherwise visit the SPA
- land in other uses which could be converted into SANG

The identification of SANG should seek to avoid sites of high nature conservation value which are likely to be damaged by increased visitor numbers. Such damage may arise, for example, from increased disturbance, erosion, input of nutrients from dog faeces, and increased incidence of fires. Where sites of high nature conservation value are considered as SANG, the impact on their nature conservation value should be assessed and considered alongside relevant policy in the development plan. These sites may require an ecological discount of their proposed SANG area.

SANG continue to need to be delivered in advance of any associated housing stock being occupied. They should also be funded for in perpetuity as is the current process.

The Character of the SPA and its Visitors

The Thames Basin Heaths SPA is made up of 13 Sites of Special Scientific Interest, and consists of a mixture of heathland, mire, and woodland habitats. They are essentially ‘heathy’ in character. The topography is varied, and most sites have a large component of trees and some contain streams, ponds and small lakes. Some are freely accessible to the public and most have a degree of public access, though in some areas this is restricted by army, forestry or other operations.

Survey effort in 2005 showed that more than 83% of visitors to the SPA arrive by car, though access points adjacent to housing estates showed a greater proportion arriving on foot (up to 100% in one case). 70% of those who visited by car had come from within 5km of the access point onto the SPA. A very large proportion of the SPA visitors are dog walkers, many of whom visit the particular site on a regular (more or less daily) basis and spend less than an hour there, walking on average about 2.5km. Almost 50% are retired or part-time workers and the majority are women. Further detailed information on visitors can be found in the reports referenced at the end of this document. These figures have been supported in further SPA wide surveys, the most recent being in 2018.

Guidelines for the Quality of SANG

The quality guidelines have been sub-divided into different aspects of site fabric and structure. They have been compiled from a variety of sources but principally from visitor surveys carried out at heathland sites within the Thames Basin Heaths area or within the Dorset heathlands. These are listed as references at the end of this document.

The principle criteria contained in the Guidelines have also been put into a checklist format which are contained in Appendix 1.

Accessibility

Most visitors come by car and want the site to be fairly close to home. Unless SANG are provided for the sole use of a local population living within a 400-metre catchment around the site, then **the availability of adequate car parking at sites larger than 4 ha is essential.** The amount and nature of parking provision should reflect the anticipated use of the site by visitors and the catchment size of the SANG. It should provide an attractive alternative to parking by the part of SPA for which it is mitigation. **Car parks should be clearly signposted and easily accessed.**

New parking provision for SANG should be advertised as necessary to ensure that it is known of by potential visitors.

Target groups of Visitors

This should be viewed from two perspectives, the local use of a site where it is accessed on foot from the visitor's place of residence, and a wider catchment use where it is accessed by car. **Most of the visitors to the SPA come by car and therefore should be considered as a pool of users from beyond the immediate vicinity of the site.** All but the smallest SANG should therefore target this type of visitor.

It is apparent from access surveys that a significant proportion of those people who visit the sites on foot, also visit alternative sites on foot and so this smaller but significant group look for local sites. **Where large populations are close to the SPA, the provision of SANG should be attractive to visitors on foot.**

Networks of sites

The provision of longer routes within larger SANG is important in determining the effectiveness of the authorities' network of SANG as mitigation. The design of routes within sites will be critical to providing routes of sufficient length and attractiveness for mitigation purposes.

Though networks of SANG may accommodate long visitor routes and this is desirable, they should not be solely relied upon to provide long routes.

Paths, Roads and Tracks

The findings suggest **that SANG should aim to supply a choice of routes of around 2.3 - 2.5km in length** with both shorter and longer routes of at least 5km as part of the choice, where space permits.

Paths have to be of a width acceptable to visitors.

Paths should be routed so that they are perceived as safe by the users, with some routes being through relatively open (visible) terrain (with no trees or scrub, or well spaced mature trees, or wide rides with vegetation back from the path), especially those routes which are 1-3 km long.

The routing of tracks along hill tops and ridges where there are views is valued by the majority of visitors.

Artificial Infrastructure

Little or no artificial infrastructure is found within the SPA at present apart from the provision of some surfaced tracks and car parks. Generally, an urban influence is not what people are looking for when they visit the SPA and some people undoubtedly visit the SPA because it has a naturalness about it that would be marred by such features.

However, **SANG would be expected to have adequate car parking with good information about the site and the routes** available. Some subtle waymarking would also be expected for those visitors not acquainted with the layout of the site.

Other infrastructure would not be expected and should generally be restricted to the vicinity of car parking areas where good information and signs of welcome should be the norm, though discretely placed benches or information boards along some routes would be acceptable.

Landscape and Vegetation

SANG do not have to contain heathland or heathy vegetation to provide an effective alternative to the SPA.

Surveys clearly show that **woodland or a semi-wooded landscape is a key feature** that people appreciate in the sites they visit, particularly those who use the SPA. This is more attractive than open landscapes or parkland with scattered trees.

A **semi-natural looking landscape with plenty of variation** was regarded as most desirable by visitors and some paths through quite enclosed woodland scored highly. There is clearly a balance to be struck between what is regarded as an exciting landscape and a safe one and so some element of choice between the two would be highly desirable. The semi-wooded and undulating nature of most of the SPA sites gives them an air of relative wildness, even when there are significant numbers of visitors on site. SANG should aim to reproduce this quality.

Hills do not put people off visiting a site, particularly where these are associated with good views, but steep hills are not appreciated. **An undulating landscape is preferred to a flat one.**

Water features, particularly ponds and lakes, act as a focus for visitors for their visit, but are not essential.

Restrictions on usage

The bulk of visitors to the SPA came to exercise their dogs and so it is imperative that **SANG allow for pet owners to let dogs run freely over a significant part of the walk. Access on SANG should be largely unrestricted, with both people and their pets being able to freely roam**

along the majority of routes. This means that sites where freely roaming dogs will cause a nuisance or where they might be in danger (from traffic or such like) should not be considered for SANG.

Assessment of site enhancement as mitigation

SANG may be provided by the enhancement of existing sites, including those already accessible to the public that have a low level of use and could be enhanced to attract more visitors. The extent of enhancement and the number of extra visitors to be attracted would vary from site to site. Those sites which are enhanced only slightly would be expected to provide less of a mitigation effect than those enhanced greatly, in terms of the number of people they would divert away from the SPA. In order to assess the contribution of enhancement sites in relation to the hectare standards of the Delivery Plan, it is necessary to distinguish between slight and great enhancement.

Methods of enhancement for the purposes of this guidance could include enhanced access through guaranteed long-term availability of the land, creation of a car park or a network of paths.

SANG which have not previously been open to the public count in full to the standard of providing 8ha of SANG per 1000 people in new development. SANG which have an appreciable but clearly low level of public use and can be substantially enhanced to greatly increase the number of visitors also count in full. The identification of these sites should arise from evidence of low current use. This could be in a variety of forms, for example:

- Experience of managing the site, which gives a clear qualitative picture that few visitors are present
- Quantitative surveys of visitor numbers
- Identified constraints on access, such as lack of gateways at convenient points and lack of parking
- Lack of easily usable routes through the site
- Evidence that the available routes through the site are little used (paths may show little wear, be narrow and encroached on by vegetation)

Practicality of enhancement works

The selection of sites for enhancement to be SANG should take into account the variety of stakeholder interests in each site. Consideration should be given to whether any existing use of the site which may continue is compatible with the function of SANG in attracting recreational use that would otherwise take place on the SPA. The enhancement should not result in moving current users off the SANG and onto the SPA. The specific enhancement works proposed should also be considered in relation not only to their effects on the SANG mitigation function but also in relation to their effects on other user groups.

TBH SPA Mitigation Project – January 2021

The Hart, Rushmoor and Surrey Heath Councils worked together with Natural England to complete a project reviewing the approach to mitigation within the Thames Basin Heaths. The work analysed eleven potential alternative options when it comes to delivering SPA mitigation. The report concluded that the role and design of SANG could be clarified further.

To be made very clear from the outset. There remains a hierarchy of SANG provision. Great weight will be given to those SANGS meeting all the existing quality criteria (shown in Appendix 1) which should be delivered in the first instance. Only if this is **not possible, for clearly established reasons**, should the delivery of the options outlined in the section below be considered. If any proposed SANGS do not meet all of the Appendix 1 quality criteria, then these SANGS will continue to be assessed on a case by case basis and should be **agreed** with both the competent authority and Natural England. The proposal will need to demonstrate equivalent effectiveness of mitigation being provided to ensure a robust, consistent approach continues. Any shortfall in SANG criteria should be offset by other complementary means, such as an elevated provision rate, size or high-quality features.

The evidence shows that the use of SANG networks, linear orientated sites and small sites of no smaller than two hectares have potential to provide effective mitigation where traditional SANG is unavailable. These SANG areas will be linked and/or in proximity to an already established SANG. If effectiveness can be demonstrated of small or linear SANGs working alone, then we will assess this on a case by case basis, taking in to account the site's context amongst the wider greenspace network.

Historically Natural England have apportioned significant weight to the requirement for a 2.3 – 2.5km circular walk, which is less likely to be achievable in a small or linear SANG. These guidelines do not remove weight from the requirement but do accept that in specific circumstances the walk doesn't have to be included within every single SANG unit. It is however desirable to provide the full Appendix 1 criteria across a local SANG network or on another SANG.

Natural England would urge all Local Planning Authorities to take note, that this approach **could** enable sites previously deemed unacceptable to Natural England, to now qualify as valid avoidance measure. Please come and speak to us if you feel that is the case.

Appendix 1: Site Quality Checklist – for a SANG

This guidance is designed as an Appendix to the full guidance on Suitable Alternative Natural Greenspaces (SANG) to be used as mitigation (or avoidance) land to reduce recreational use of the Thames Basin Heaths SPA.

Must haves

- For all sites larger than 4ha there must be adequate parking for visitors, unless the site is intended for local use, i.e. within easy walking distance (400m) of the developments linked to it. The amount of car parking space should be determined by the anticipated use of the site and reflect the visitor catchment of both the SANG and the SPA.
- Possible to complete a circular walk of 2.3-2.5km around the SANG.
- Car parks must be easily and safely accessible by car and should be clearly sign posted.
- The accessibility of the site must include access points appropriate for the visitor use the SANG is intended to cater for.
- The SANG must have a safe route of access on foot from the nearest car park and/or footpath/s
- All SANG with car parks must have a circular walk which starts and finishes at the car park.
- SANG must be designed so that they are perceived to be safe by users; they must not have tree and scrub cover along parts of the walking routes.
- Paths must be easily used and well maintained but most should remain unsurfaced to avoid the site becoming to urban in feel.
- SANG must be perceived as semi-natural spaces with little intrusion of artificial structures, except in the immediate vicinity of car parks. Visually sensitive way-markers and some benches are acceptable.
- All SANG larger than 12 ha must aim to provide a variety of habitats for users to experience.
- Access within the SANG must be largely unrestricted with plenty of space provided where it is possible for dogs to exercise freely and safely off lead.
- SANG must be free from unpleasant intrusions (e.g. sewage treatment works smells etc).

Should haves

- SANG should be clearly sign-posted or advertised in some way.
- SANG should have leaflets and/or websites advertising their location to potential users. It would be desirable for social media to be used as well, with the goal of reducing paper use. Although a leaflet for a new home is desirable. It could advertise the TBH Partnership website at <https://www.tbhpartnership.org.uk/greenspace/>

Desirable

- It would be desirable for an owner to be able to take dogs from the car park to the SANG safely off the lead.

- Where possible it is desirable to choose sites with a gently undulating topography for SANG
- It is desirable for access points to have signage outlining the layout of the SANG and the routes available to visitors.
- It is desirable that SANG provide a naturalistic space with areas of open (non-wooded) countryside and areas of dense and scattered trees and shrubs. The provision of open water is encouraged and desirable on sites. However large areas of open water cannot count towards capacity.
- Where possible it is desirable to have a focal point such as a viewpoint, monument etc within the SANG.

Appendix 2: Further clarification on the TBH Project 2021

Reliance on the length of circular walk could be given less weight in specific circumstances on individual SANG sites. A circular route is still required. This will be agreed on a case by case basis by Natural England and the relevant Local Planning (Competent) Authority and only where equivalence can be effectively demonstrated. Sites will also only be accepted where most of the other criteria from Appendix 1 are met, either individually or as part of a group of sites.

Small SANG – This will be no smaller than 2 hectares in size. Where possible all other Appendix 1 criteria should be met, and the site will be adjacent to, linked in an accessible manner to, or close to a SANG or network which can deliver the required circular walk. Small SANG should be available to residents on their doorsteps.

Linear SANG – This approach allows for the width of a SANG to be reduced, where the walk incorporates an attractive linear feature or links to other open sites. For example, alongside waterways or disused railway lines. Linear SANG should include sites with wider areas, creating irregular shapes and opportunities for dogs to exercise freely off lead. In exceptional cases a there and back walk could qualify. It would require strong evidence and visitor surveys to show that it will provide an avoidance experience like that of a traditional SANG. It would also be preferable for linear SANG to link with wider routes and/or other SANGs to provide opportunities for a variety of walks.

SANG Network – Where several SANGs are in proximity or adjacent, they can be used and visited as one single entity. This approach allows for the use of links between SANG units to deliver a circular walk and meet all the Guidelines in combination. The default position is that the SANG links would not count as having capacity or catchments but would need to be secured in perpetuity. If they happen to be a substantial unit of green space themselves then they could be included within the SANG calculation. The size of an individual SANG catchment can be increased depending on the area afforded by an overall SANG network (excluding links), in line with the quanta figures in the TBH Delivery Framework.

Equivalence – This will be required on all SANG sites not meeting the guidelines in Appendix 1. There will have to be an over provision of something else to offset the lack of the full circular walk. This would be likely to incorporate an increased provision rate, for example providing 12 hectares of SANG per thousand head of population. A significant high quality SANG in terms of amenities and habitats could also demonstrate this requirement. We are happy to discuss this matter further on a case by case basis, either through our DAS Service for developers or our Local Plan Service for Local Planning Authorities.

Appendix 3: Suitable Alternative Natural Greenspace: A best practice guide

Natural England would urge that these recommendations are followed unless there is valid justification for a deviation.

A SANG can be greatly improved for visitors and wildlife by implementing some of the suggestions in this guide. They are based on Natural England's Strategic Access Management and Monitoring teams' findings from visiting SANG and undertaking visitor number and questionnaire surveys.

This guide has been produced to provide more advice to Local Planning Authorities and developers up front. These are features found throughout the current SANG suite that we feel have tangible positive impacts on the draw to a SANG. We understand that it may not be possible to adopt them all, especially in a smaller SANG. There are a lot of quick fixes in this list which will generate a substantial uplift in SANG attractiveness. Natural England are likely to raise fewer concerns through the formal planning process on a SANG which provides the majority of the following.

It is essential that Natural England visits and agrees a SANG, before any housing development can be attributed towards it. This is in line with Policy NRM6 of the South East Plan. For SANG development advice please contact Natural England's Discretionary Advice Service:

<https://www.gov.uk/guidance/developers-get-environmental-advice-on-your-planning-proposals>

It is advisable to contact your local planning authority at the first instance of SANG development.

Naming of SANG:

1. Use a name which highlights any attractive features within the site. E.g. meadow, copse, lake etc.
2. Avoid the use of the word 'SANG' in the name of the site.
3. Keep the name relevant to the location but dissimilar to nearby SANG's.
4. The name is different to any associated development.

Location of SANG:

1. Where possible, provision of connectivity to wider greenspace/other SANG is recommended but should ensure a SANG does not result in new and additional access and visits to sensitive sites.
2. Seek to protect and enhance any existing local wildlife site designations (e.g. SSSI/SINC/SNCI) within or adjacent to the SANG boundary.

Biodiversity:

1. Ensure habitat of SANG complements adjacent habitats. e.g by extending similar landscape or something complementary such as grassland for foraging woodland birds.
2. Ensure appropriate connectivity of landscape scale habitat features. e.g. hedgerows, tree belts etc.
3. Include features such as; dead wood, sand banks, wildflower meadows etc.
4. Where open water is included, separate dog ponds and wildlife ponds. (Case study 4)
5. Avoid frequent mowing as a tool to manage grasslands, it is an expensive technique which produces little biodiversity benefit.
6. Grazing is a good management tool. It is not suitable for all SANG, but if it possible on your SANG, a route must be provided which avoids the grazing area for the benefit of those nervous of cattle.
7. Good practice monitoring of SANG use should be built into in perpetuity management of the site, and work consistently with the SAMM Project.

Biodiversity Net Gain (BNG) is an approach to land management and/or development that aims to leave biodiversity in a measurably better state than before. BNG does not change existing protections to protected sites, irreplaceable habitats or protected species.

Through appropriate design and implementation BNG can complement the purpose of SANGS. These are designed to provide more natural and diverse green space for communities to benefit from and, consequently, delivering more effective mitigation to alleviate pressure on SPAs. [SANG is not an automatic delivery mechanism for BNG but the two can exist on the same site. BNG on SANG is only attributable](#) to such habitat creation or enhancement that proves measurable additionality over and above the minimum requirements of the SANG, demonstrated through use of the Biodiversity Metric stipulated by the consenting body.

For BNG to be delivered on SANG, the SANG should achieve nature conservation outcomes that demonstrably exceed existing obligations under the SANG guidance, as quantified through the metric. It is encouraged that, where applicable, additional or enhanced features at SANGs are informed by local nature or wildlife strategies and priorities, such as Local Nature Recovery Strategies (LNRS). It is recommended that the BNG calculations for the SANG are done separately from the rest of the project calculations, in order to ensure a clear audit trail and allow for simple demonstration of the additional biodiversity unit uplift beyond the minimum SANG requirements. Any additional features provided for BNG purposes should not conflict with the principle purpose of the SANG. Consideration should be given for other ecosystem services provided by the SANG and design should ensure BNG does not compete with these but delivers alongside them. For example, a wildflower rich grassland area created for biodiversity benefits would provide additional ecosystem services but could potentially also conflict with recreational services provided by the SANG. Careful consideration should be given to the design of any additional biodiversity features introduced into the SANG to ensure they did not conflict with the SANGs principle purpose.

For the purposes of the BNG calculation, the baseline value of the SANG is the site with the Habitat Regulation key required habitat features incorporated. Enhancements should be additional to count towards BNG, in that the enhancements would not have taken place in the absence of the BNG funding (or commitment of funding) and the biodiversity benefit (as measured through the metric) should not also be claimed to compensate for another project's biodiversity impact. Further information on BNG is set out in the following guidance and standards

1. The CIEEM, CIRIA, IEMA Good practice principles for development should be followed: <https://cieem.net/wp-content/uploads/2019/02/C776a-Biodiversity-net-gain.-Good-practice-principles-for-development.-A-practical-guide-web.pdf>
2. [The British Standard for Biodiversity Net Gain \(BS 8683\) is a process standard that describes the implementation of BNG by a project \(to be released in 2021\).](#)

Equality Act 2010 Compliance:

1. This does not fall under the remit of Natural England and we will not be giving bespoke advice about it during our pre application discussions. However, we urge developers and Local Planning Authorities alike to consider the requirements of it, when designing their SANG solutions.

Paths:

1. We are concerned about sections of the circular route that seasonally are wet, muddy or flooded, and could put visitors off from visiting. In these cases, we recommend boardwalk or paths are built up, for them to remain as compliant SANG. Relating to this, if applying grip to surfaces, avoid wire netting as it can trap dog claws.
2. Path surfacing needs to remain semi natural. The highest specification surface we would accept is resin bound hoggin.

3. Avoid convoluted paths and pinch points in SANG design. By maintaining a minimum width between paths of 100 m in open ground and 50 m in dense woodland.
If necessary, look to extend the area of the SANG, or look at a local SANG Network.
4. Avoid paths running through areas adjacent to major infrastructure with prolonged loud noise. For example, adjacent dual carriageways or motorways. Natural England look at a maximum decibel limit of 60, before requiring discounting of SANG area.

Way-marking and signage:

1. Provide a map at the entrances with an easy to follow circular walk.
2. Gates, fencing and planting following natural land features can help distinguish routes.
3. Highlight points of interest and site history.
4. Car parks well sign posted using highways specification. Where possible through use of the brown sign initiative.
5. Provide contact details for site manager at main entrance.

Bins and dog fouling:

1. Dog bins should be in convenient sections of site and near the entrances.

Car park standard:

1. Provide a minimum of 1 parking space per ha.

Safety and security:

1. Where required for health and safety purposes, the SANG should have suitable access for emergency vehicles.
2. Car parks should be designed to reduce risk of anti-social behaviour, break in or feelings of vulnerability for site users.
3. Perimeter fencing secure to prevent dogs getting out.

Amenities:

These are **not a requirement** but have proved an attractive feature in those SANG with the space available.

1. A play area is a feature that attracts those with children to visit the site, as these are not present on the SPA. If a play area is included, it should be made from sustainable natural sources and not be full of bright plastics.
2. A café or food/drink provisions often attracts more visitors to the site. (Case study 4)

To conclude

We sometimes lose track of the basic requirement for a SANG, which is to attract people away from the SPA. When designing all SANG, the visitor experience needs to be put first. Costings and even habitat creation should all fall from a strong Visitor Strategy, which should form part of the SANG Management Strategy. Sites and their information should be created in a positive manner to interest visitors and have them coming back time and time again. Though biodiversity and landscape planning are obviously important, we urge you to start by considering the local populous and what they want and how they want to interact with your site, when creating a new SANG.

Case Studies

1. Edenbrook Country Park – Hart District Council - Well surfaced paths, and provisions for wildlife.

Edenbrook is a 24-hectare country park, delivered by Berkeley in partnership with Natural England and Hart District Council.

The paths are sufficiently wide for a combination of site users (Figure 1). There is also a good network of surfaced paths which are not convoluted and avoids pinch points. This was historically agricultural fields, but through innovative design, they have delivered a site that delivers both for visitors but also for biodiversity. Hart District Council have recognised the SANG network approach here and are bolting on extra area to the SANG and linking to other SANG in the vicinity.



Figure 1: The surfaced paths at Edenbrook are located sufficiently far from one another, and from wildlife rich-areas. They are wide enough for the whole combination of site visitors to use.

2. Farnham Park – Waverley Borough Council - Provisions for dogs and wildlife.

Several of the ponds in Farnham Park are designated as wildlife ponds. These are rich in wildlife, hosting many amphibian and invertebrate species. Dead hedges were built around three of the ponds, using materials cut from Farnham Park. To provide water and an opportunity to swim, 'Friends Pond' has been kept fully accessible to dogs. It is located nearest the main entrance and is easily accessible to all visitors. The wildlife ponds are further away from the main entrance, where visitor density is expected to be lower.



Figure 2: 'Friends Pond' a dog pond on Farnham Park which allows dogs to swim and drink from, whilst other ponds are fenced to protect wildlife.

3. Bucklers Forest – Bracknell Forest Council Comprehensive and engaging interpretation.

At the entrance to the site, Buckler's Forest includes a map that shows 3 options for circular routes (measuring 3.6 km, 2.4 km and 1.3 km). It also includes information on the wildlife that visitors can expect to see on site. As well as this, it highlights the site history. The inclusion of such comprehensive signage encourages users to care more about the site.

Buckler's Forest has showcased its site history by incorporating green electrical boxes, retained from the transport laboratory, into the site design. These have been transformed into benches, bug hotels, and even mini 'museum' exhibitions. The integration of the site's history is beloved by many site visitors and it creates a distinctly 'country park' feel.



Figure 3: A mini 'museum' exhibition including some archaeological samples found on site. Located within a green electrical box present when the site was a transport laboratory.



Figure 4: A bug hotel also within a repurposed green electrical box.

4. Heather Farm – Delivered by Horsell Common Preservation Society in partnership with Woking Borough Council - Provision of amenities.

Heather Farm has proved to be a very popular SANG, particularly for of its amenities, including a café and a large car park. Whilst it is not possible, or advisable, to include a café on every SANG, at Heather Farm, it has attracted a lot of visitors, many of whom would otherwise visit the SPA. After identifying a need for additional parking provisions, Horsell Common Preservation Society added 57 new spaces to the car park. There are currently 109 car parking spaces for visitors. Heather Farm provides 4 spaces per hectare, significantly more than the suggested minimum of 1 space per hectare.



Figure 5: A view of some of the habitat creation at Heather Farm

5. Wellesley Woodlands – Rushmoor Borough Council - Waymarking and signposting.

Wellesley Woodlands has incorporated non-intrusive way-markers to clearly signpost users around the 8 trails included in the SANG. These are easy to follow for site users whilst remaining unobtrusive. Where multiple trails intersect, signposting is clear to ensure that trails can be followed with ease. Both the map and associated markers clearly identify those trails that are suitable ground for wheelchairs and those with restricted mobility.



Figure 6: A signpost clearly defining two all-ability trails, the Birch Trail and the Holly Trail.



Figure 7: A way-marker to signpost users along the Wellesley Willow Trail.

6. Biodiversity Net Gain

Examples of Biodiversity Net Gain delivered within a SANG:

- A. If an extra hedgerow was put into a SANG, not for screening purposes, this could count. If it is put in for screening reasons, this is a key SANG feature and therefore cannot count towards BNG unless the hedgerow was of higher distinctives than that needed for screening purposes or maintained in better ecological condition, in which case it could count.
- B. Planting wildflower bulbs on appropriately sited amenity grassland within a SANG and in turn converting it to species rich meadow could be counted towards BNG.
- C. If the SANG has structures such as a toilet block or café, then BNG could be delivered through the introduction of green/vegetated roofs and/or walls on such structures.

Potential Opportunities for Biodiversity Net Gain



By vegetating the roof of this structure at Farnham Park SANG, measurable additionality over and above the minimum requirements of the SANG has been demonstrated and it can therefore count towards the delivery of biodiversity net gain.

Appendix 4: SANG Information Form

This form is designed to help you gather information about any potential SANG. For more guidance on the creation of SANG, please also refer to the relevant Borough Council's Thames Basin Heaths SPA Interim Avoidance Plan.

Natural England, Local Planning Authorities, and other organisations will then be able to consider the potential suitability of the proposed SANG based on this initial information.

Background information

| | |
|--|--|
| Name and location of proposed SANG | Name: Address: Grid reference: (Please attach a map of the site with the boundaries clearly marked) |
| Size of the proposed SANG (hectares), excluding water features | hectares |
| Any current designations on land - e.g. LNR / SSSI | |
| Current owners name and address. (If there is more than one owner then please attach a map) | |
| Who manages the land? | |
| Legal arrangements for the land – e.g. how long is the lease? | |
| Is there a management plan for the site? (if so, please attach) | |

Current visitor arrangements

| | |
|---|---|
| Is the site currently accessible to the public? | |
| Does the site have open access? | |
| Has there been a visitor survey of the site? (If so, please attach) | |
| If there has been no visitor survey, please give an indication of the current visitor levels on site | |
| Does the site have existing car parking? | How many car parks? How many car parking spaces? (Please mark car parks and numbers of car parking spaces on the site map) |
| Are there any existing routes or paths on the site? | (Please mark these on the map) |
| Are there signs to direct people to the site? (Please indicate where and what type of sign) | |

Site quality checklist

| Must/should have – these criteria are essential for all SANG | | | |
|---|---|----------------|---------------|
| | Criteria | Current | Future |
| 1 | Parking on all sites larger than 4ha (unless the site is intended for use within 400m only) | | |
| 2 | Circular walk of 2.3-2.5km | | |
| 3 | Car parks easily and safely accessible by car and clearly sign posted | | |
| 4 | Access points appropriate for particular visitor use the SANG is intended to cater for | | |
| 5 | Safe access route on foot from nearest car park and/or footpath | | |
| 6 | Circular walk which starts and finishes at the car park | | |
| 7 | Perceived as safe – no tree and scrub cover along part of walking routes | | |
| 8 | Paths easily used and well maintained but mostly unsurfaced | | |

| | | | |
|----|--|--|--|
| 9 | Perceived as semi-natural with little intrusion of artificial structures | | |
| 10 | If larger than 12 ha then a range of habitats should be present | | |
| 11 | Access unrestricted – plenty of space for dogs to exercise freely and safely off the lead | | |
| 12 | No unpleasant intrusions (e.g. sewage treatment smells etc) | | |
| 13 | Clearly sign posted or advertised in some way | | |
| 14 | Leaflets or website advertising their location to potential users | | |
| 15 | Can dog owners take dogs from the car park to the SANG safely off the lead | | |
| 16 | Gently undulating topography | | |
| 17 | Access points with signage outlining the layout of the SANG and routes available to visitors | | |
| 18 | Naturalistic space with areas of open countryside and dense and scattered trees and shrubs. Provision of open water is desirable | | |
| 19 | Focal point such as a viewpoint or monument within the SANG | | |

APPENDIX C: SUMMARY OF SZC CO.'S CURRENT COMMITMENTS

- C.1.1. SZC Co. has committed to delivering the following measures to reduce and mitigate the potential impacts of recreational displacement:
- a) **Monitoring and Mitigation Plans at European sites**
- C.1.2. Two Monitoring and Mitigation Plans (MMP) for European sites in order to monitor existing visitor numbers and behaviours pre-construction, and any changes during construction and operation, and the implementation of mitigation measures to ensure that adverse effect on the integrity (AEol) of the sites does not arise as a consequence of recreational disturbance caused by the Sizewell C Project. The measures in the MMPs are secured through the Deed of Obligation.
- C.1.3. The reason for the preparation of two plans covering the various European sites is to reflect the different approach required to monitoring and mitigation across the European sites in light of the conclusions of the Shadow Habitats Regulations Assessment (HRA) Report [APP-145, APP-146, APP-147, APP-148 and APP-149] and Shadow HRA Second Addendum [REP2-032]. The Shadow HRA and Second Addendum has identified that certain initial mitigation measures will be appropriate at the Minsmere – Walberswick and Sandlings (North) European sites, which will be delivered by the commencement of construction, whereas mitigation measures may only be necessary at the Sandlings (Central) and Alde-Ore Estuary if monitoring of potential recreational disturbance identifies that it is necessary.
- i. **The MMP for Minsmere – Walberswick and Sandlings (North)**
- C.1.4. The MMP for Minsmere – Walberswick and Sandlings (North) [\[REP5-105\]](#) covers the northern part of the Sandlings SPA at North Warren and Aldringham Walks, the Minsmere-Walberswick SPA, the Minsmere-Walberswick Heath and Marshes SAC and the Minsmere-Walberswick Ramsar site.
- C.1.5. The MMP for Minsmere – Walberswick and Sandlings (North) includes a suite of Initial Mitigation Measures deployed at the commencement of construction on the basis that impacts may occur unless mitigation is implemented. Mitigation measures include two new full time wardens, improvements to signage and other measures.
- C.1.6. The MMP for Minsmere – Walberswick and Sandlings (North) also includes a suite of Additional Mitigation Measures which would be

deployed as necessary and would be dependent on any triggers that might be reached or evidence of changes in visitor numbers and behaviour which may increase the risk of disturbance to qualifying habitats and/or species, as determined by monitoring. These measures could be extensions to the Initial Mitigation Measures or entirely new measures to react to particular circumstances.

ii. The MMP for Sandlings (Central) and Alde-Ore Estuary

C.1.7. The MMP for Sandlings (Central) and Alde-Ore Estuary [[REP5-122](#)] covers the Sandlings SPA (the area comprising Tunstall Forest and Snape Warren), Alde-Ore Estuary SPA and Alde–Ore Estuary Ramsar site. This MMP includes monitoring of visitor use and ecological surveys to identify if changes are caused by the Sizewell C Project, and implementation of a suite of potential Mitigation Measures which would be deployed as necessary. Implementation of Mitigation Measures would be dependent on any triggers that might be reached or evidence of changes in visitor numbers and behaviour which may increase the risk of disturbance to qualifying habitats and/or species, as determined by monitoring.

b) Other committed mitigation measures

C.1.8. New recreational access provision at Aldhurst Farm including a car park, a definitive Public Right of Way, approximately 27ha of new designated Open Access Land where dogs can be exercised off-lead all year round, and informal footpaths. Additional improvements to be introduced in future, which were committed to at Deadline 5 [[REP5-126](#)] include (secured in the Deed of Obligation Schedule 11 paragraphs 7 and 10):

- expanding the existing car park;
- a bird hide within the south eastern field for local residents and visitors, subject to the need to obtain any necessary planning permission;
- ‘family benches’ and ‘perching benches’ at strategic locations across the site;
- improvements to the existing PROW that runs adjacent to the sewage works and the northern boundary of the eastern field; and
- adaptive and differential mowing regimes will be used to give a managed mosaic of surface vegetation that is good for people and nature.

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- C.1.9. Improvements and enlargement to Kenton Hills car park (see Work No.1A(cc) of the draft DCO) [[AS-143](#)] and Schedule 11, paragraph 7 of the Deed of Obligation [[REP5-082](#)]).
 - C.1.10. Other improvements within the main development site including a new off-road bridleway from Sizewell Gap in the south to Eastbridge Road in the north, a new PRoW (footpath) linking existing PRoW and the B1122 south of the green rail route, and a new connection between Aldhurst Farm and Kenton Hills permissive footpath network (see DCO Articles 14 -16 (Rights of Way) Requirement 2 (PW: CoCP) Requirement 6A (MDS: Rights of Way Strategy).
 - C.1.11. A suite of improvements to the wider PRoW network has been agreed with Suffolk County Council and East Suffolk Council which will be funded through a Deed of Obligation financial contribution within the PROW Fund (Schedule 10 paragraph 16 of the Deed of Obligation). These include improvements to the Eastbridge to Minsmere sluice footpath (PRoW E-363/020/0) to improve the surface and avoid flooding, to keep people to the right of way path and prevent people diverting from the path where they may affect habitats or species.
 - C.1.12. SZC Co. will subsidise parking at Sizewell beach car park during the construction phase so that it is free or reduced cost, and provide interpretation signage, to increase its attractiveness as a recreational location away from European sites as stated in the MMP for Minsmere – Walberswick and Sandlings (North) submitted at Deadline 8. This will be funded through the European Sites Access Contingency Funds in the Deed of Obligation Schedule 11 paragraph 6.
 - C.1.13. SZC Co. will provide a sum of £150,000 (the Recreational Disturbance Avoidance Mitigation Contribution) to be used by East Suffolk Council towards mitigating the recreational disturbance impacts of the Sizewell C Project, to reduce the impact of potential increased levels of recreational use on European sites (see Schedule 11, paragraph 7 of the Deed of Obligation).
 - C.1.14. SZC Co. will also provide a 3G pitch and two multi-use games areas at the Lediston Leisure Centre for use by construction workers in accordance with Schedule 10, paragraph 2 of the DoO, which will be attractive to many construction workers for recreation in preference to outdoor informal recreation at European sites.