



The Sizewell C Project

6.10 Volume 9 Rail

Chapter 7 Terrestrial Ecology and Ornithology

Appendix 7A Ecological Baseline and Method Statement

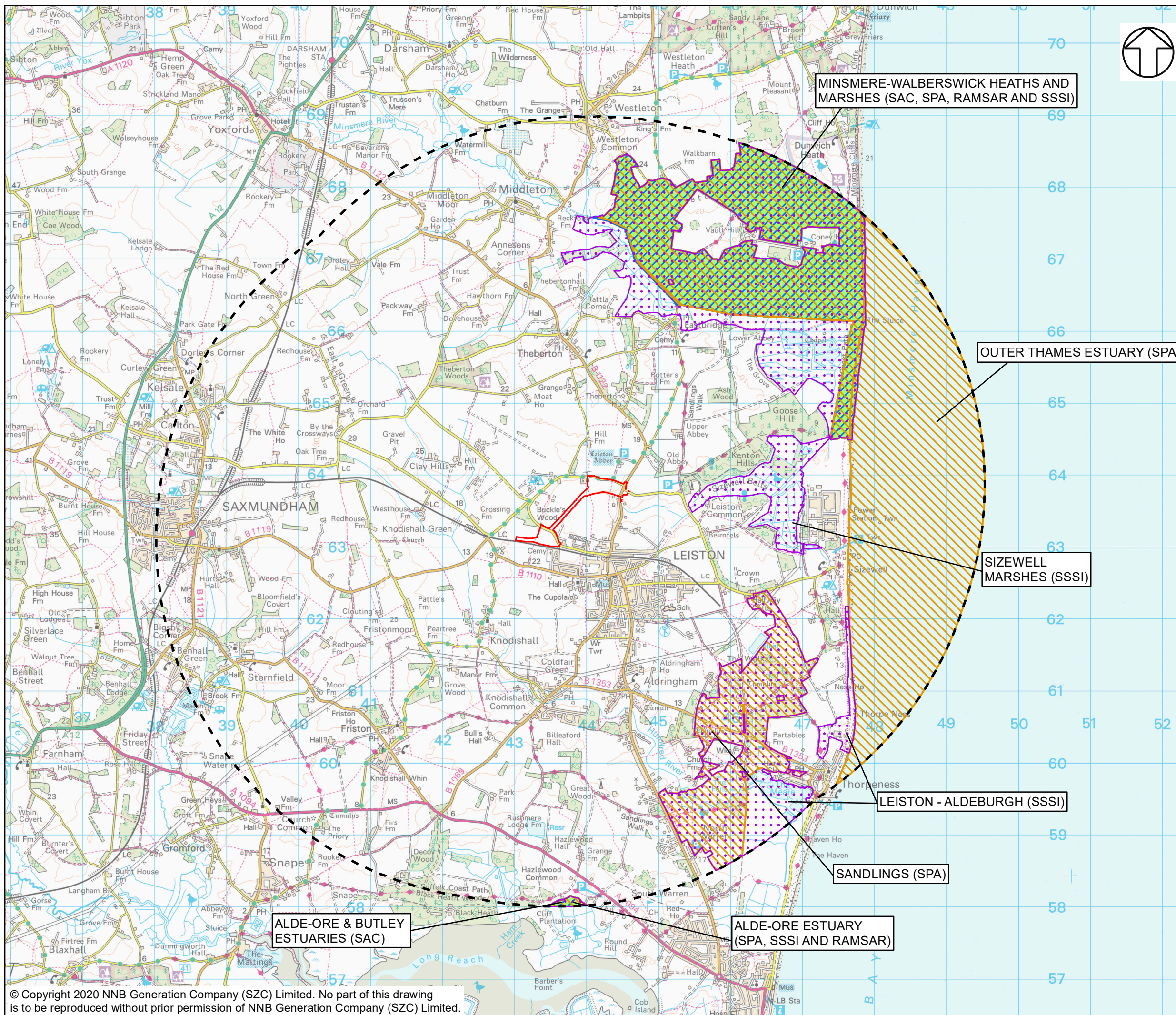
Annex 7A:1 Figures 7.1 - 7.16

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

May 2020

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





NOTES

KEY

- GREEN RAIL ROUTE DEVELOPMENT
- SITE BOUNDARY
- VOLUME 9 ASSESSMENT AREA
- 5KM STUDY AREA
- RAMSAR
- SPECIAL AREA OF CONSERVATION (SAC)
- SPECIAL PROTECTION AREA (SPA)
- SITE OF SPECIAL SCIENTIFIC (SSSI)

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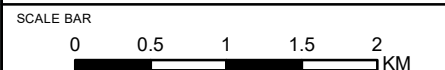


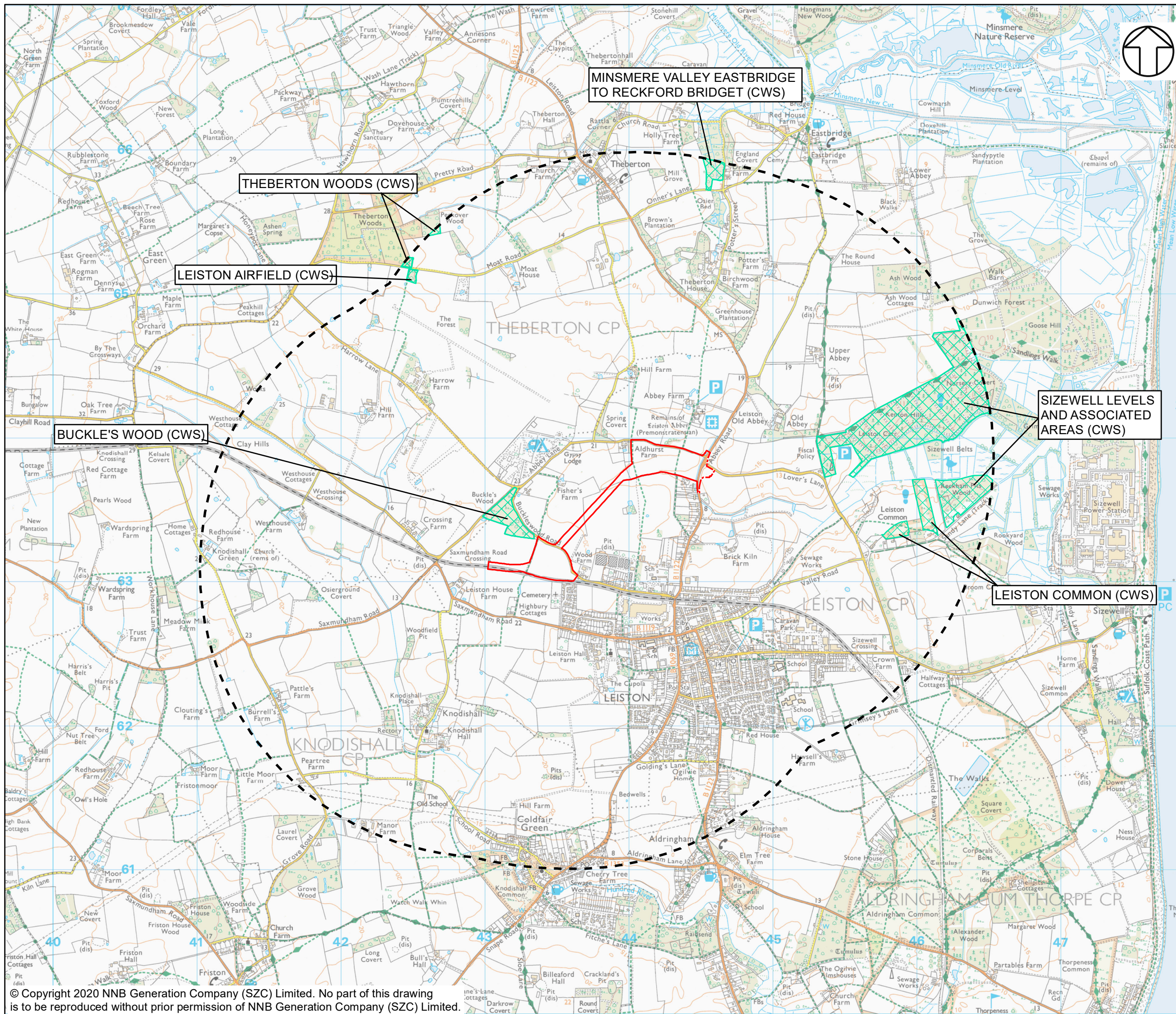
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 CHAPTER 7
 TERRESTRIAL ECOLOGY AND ORNITHOLOGY

DRAWING TITLE:
 LOCATION OF STATUTORY DESIGNATED SITES
 WITHIN 5KM OF THE GREEN RAIL ROUTE

DRAWING NO:
 FIGURE 7.1

DATE: JAN 2020 **DRAWN:** R.M. **SCALE:** 1:50,000 @A3





NOTES

KEY

- GREEN RAIL ROUTE DEVELOPMENT
- SITE BOUNDARY
- VOLUME 9 ASSESSMENT AREA
- 2KM STUDY AREA
- COUNTY WILDLIFE SITE (CWS)

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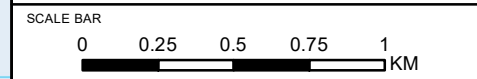


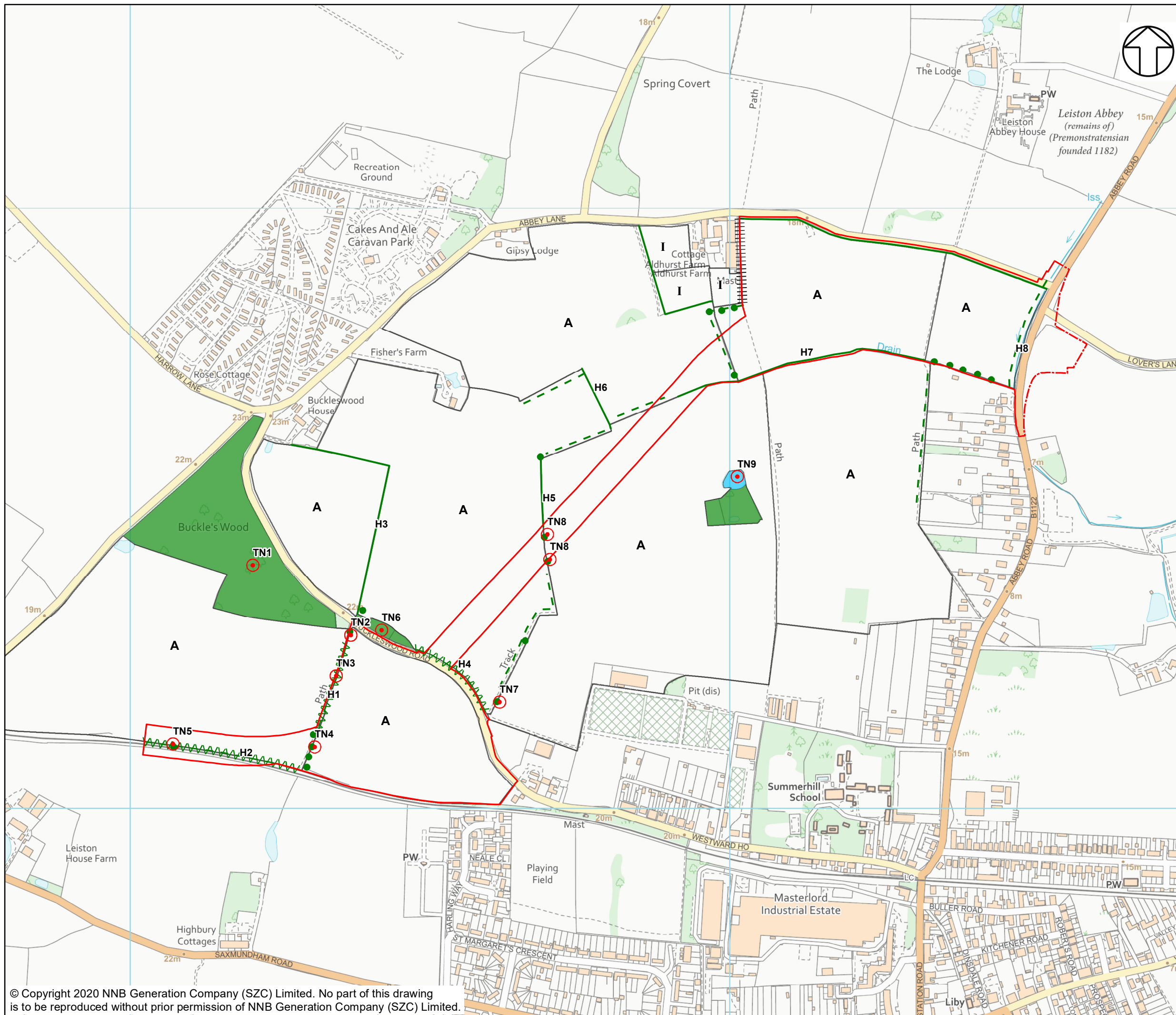
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 LOCATION OF NON-STATUTORY DESIGNATED SITES WITHIN 2KM OF GREEN RAIL ROUTE

DRAWING NO.:
 FIGURE 7.2

DATE: JAN 2020 **DRAWN:** R.M. **SCALE:** 1:25,000 @A3





NOTES

KEY

- GREEN RAIL ROUTE DEVELOPMENT SITE BOUNDARY
- - - VOLUME 9 ASSESSMENT AREA
- TARGET NOTE (TN)
- × SCRUB - SCATTERED
- BROADLEAVED SCATTERED TREES
- INTACT HEDGE - SPECIES POOR
- - - DEFUNCT HEDGE - NATIVE SPECIES-RICH
- - - DEFUNCT HEDGE - SPECIES-POOR
- ||||| FENCE
- ▨ SCRUB - DENSE
- ▨ OTHER TALL HERB AND FERN - RUDERAL
- BROADLEAVED WOODLAND - SEMI-NATURAL
- I IMPROVED GRASSLAND
- A CULTIVATED/DISTURBED LAND - ARABLE
- STANDING WATER

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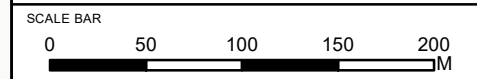


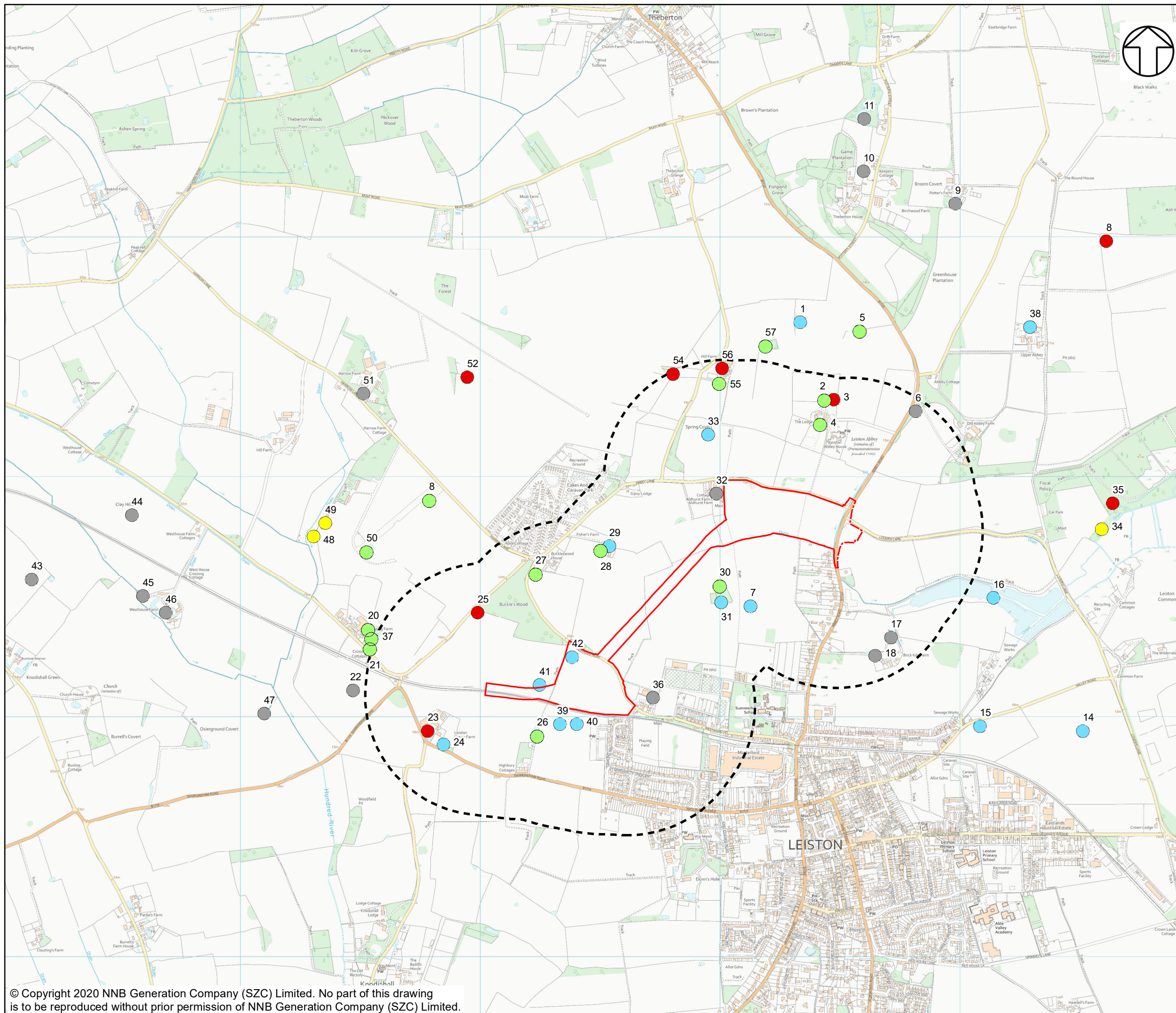
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 CHAPTER 7
 TERRESTRIAL ECOLOGY AND ORNITHOLOGY

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 GREEN RAIL ROUTE PHASE 1 HABITAT SURVEY

DRAWING NO:
 FIGURE 7.3

DATE: JAN 2020 **DRAWN:** R.M. **SCALE:** 1:6,000 @A3





NOTES

KEY

- GREEN RAIL ROUTE DEVELOPMENT
- SITE BOUNDARY
- VOLUME 9 ASSESSMENT AREA
- 500M BUFFER ZONE – GREEN RAIL ROUTE
- ACCESS FOR HSI BUT NOT FOR GCN SURVEY
- NO ACCESS FOR HSI OR GCN SURVEY 2014
- SCOPED OUT FOR GCN SURVEY 2014
- SURVEYED FOR GCN AND GCN ABSENT 2014
- SURVEYED FOR GCN AND GCN PRESENT 2014/2016

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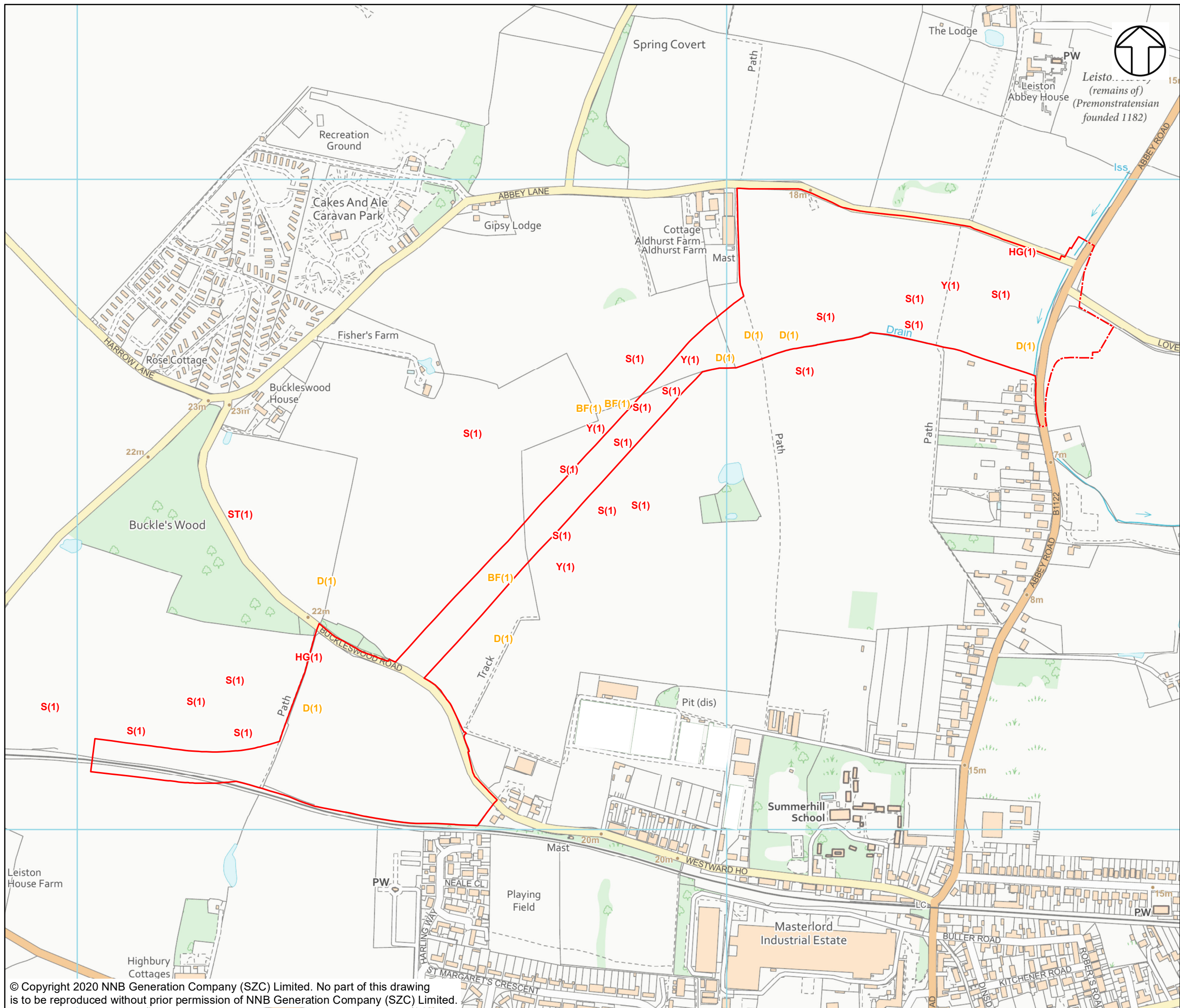
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 GREEN RAIL ROUTE GREAT CRESTED
 NEWT SURVEYS

DRAWING NO:
 FIGURE 7.4

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





NOTES

KEY

- GREEN RAIL ROUTE DEVELOPMENT
- - - SITE BOUNDARY
- - - VOLUME 9 ASSESSMENT AREA
- BTO CODE-SPECIES
- RED BOCC NERC SPECIES
- HG-HERRING GULL
- S-SKYLARK
- ST-SONG THRUSH
- Y-YELLOWHAMMER
- AMBER BOCC NERC SPECIES
- BF-BULLFINCH
- D-DUNNOCK

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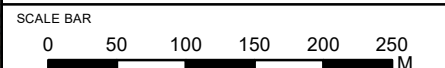


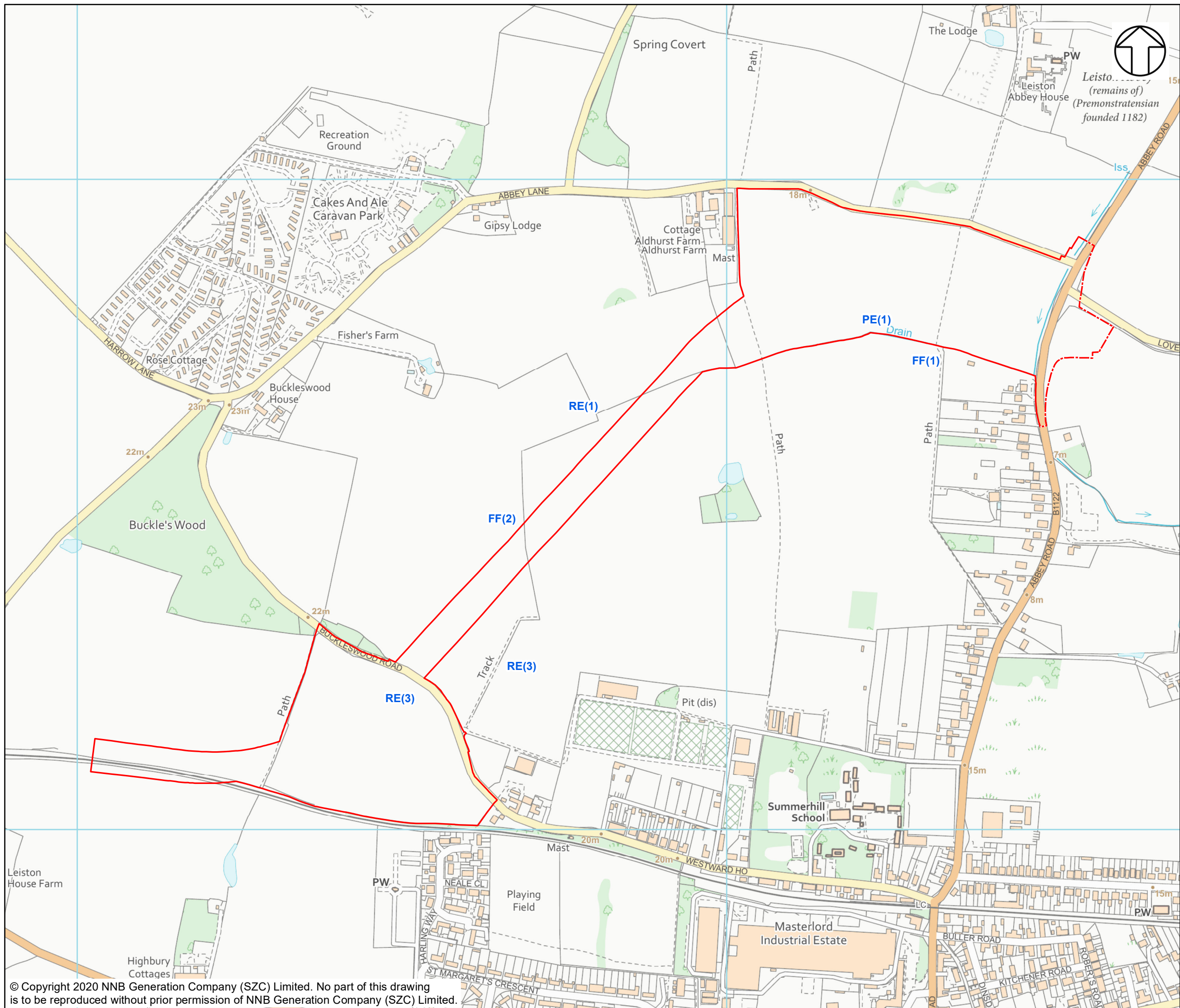
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 RED AND AMBER BOCC NERC SPECIES RECORDED
 ON GREEN RAIL ROUTE DURING THE
 BREEDING BIRD SURVEYS IN APRIL-JUNE 2014

DRAWING NO:
 FIGURE 7.5

DATE: JAN 2020 DRAWN: R.M. SCALE: 1:5,500 @A3





NOTES

KEY

- GREEN RAIL ROUTE DEVELOPMENT
- SITE BOUNDARY
- VOLUME 9 ASSESSMENT AREA
- BTO CODE-SPECIES**
- FF- FIELDFARE
- PE- PEREGRINE
- RE- REDWING



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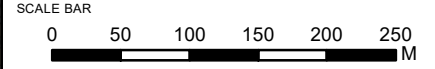


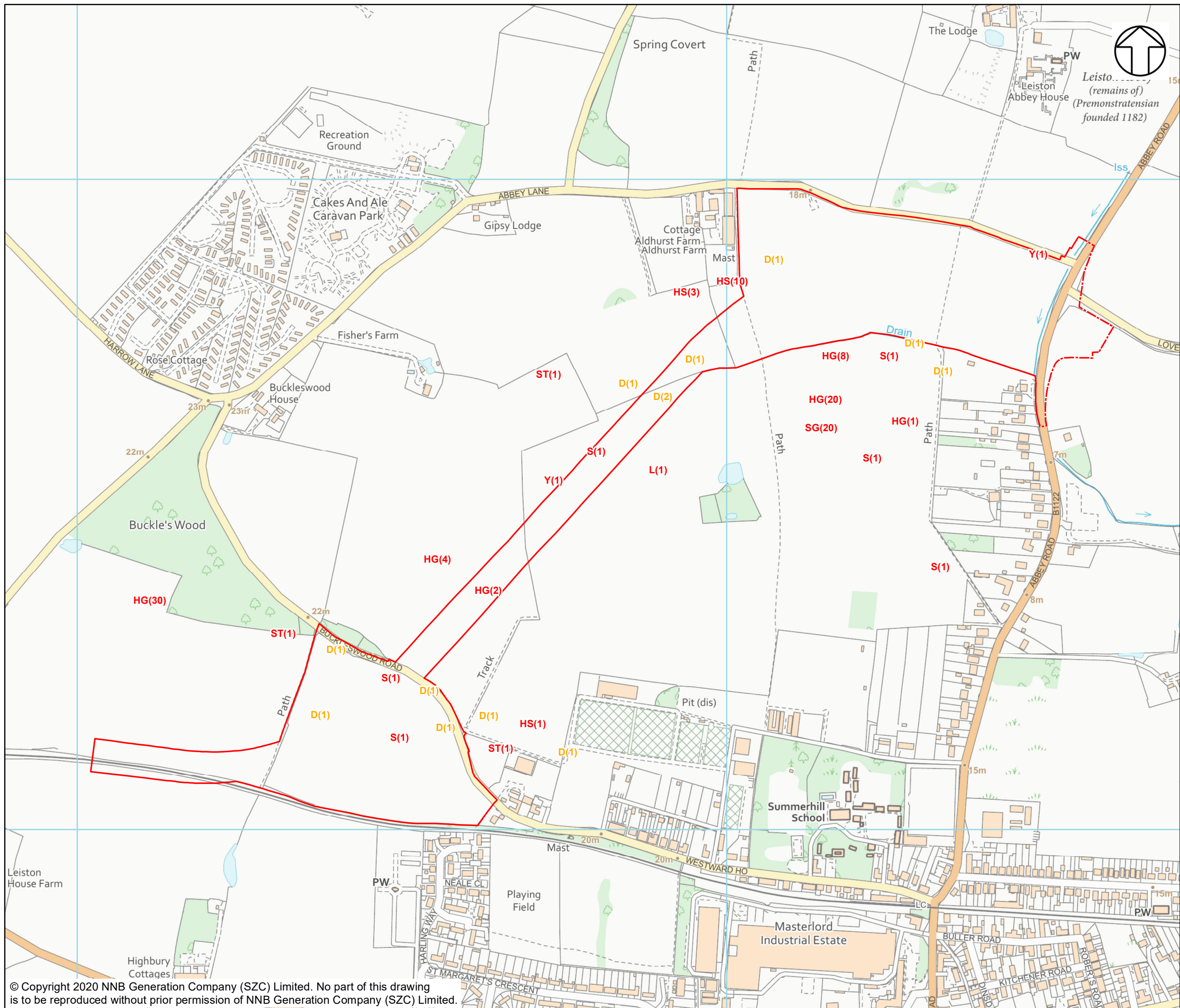
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DRAWING TITLE:
 SCHEDULE 1 BIRD SPECIES RECORDED ON THE
 GREEN RAIL ROUTE DURING WINTER BIRD
 SURVEYS IN NOVEMBER 2014 – MARCH 2015

DRAWING NO:
 FIGURE 7.6

DATE: JAN 2020 **DRAWN:** R.M. **SCALE:** 1:5,500 @A3





NOTES

KEY

- GREEN RAIL ROUTE DEVELOPMENT
- - - SITE BOUNDARY
- - - VOLUME 9 ASSESSMENT AREA
- RED BOCC NERC SPECIES
- HS-HOUSE SPARROW
- HG-HERRING GULL
- L-LAPWING
- SG-STARLING
- S-SKYLARK
- ST-SONG THRUSH
- Y-YELLOWHAMMER
- AMBER BOCC NERC SPECIES
- D-DUNNOCK

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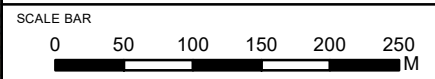


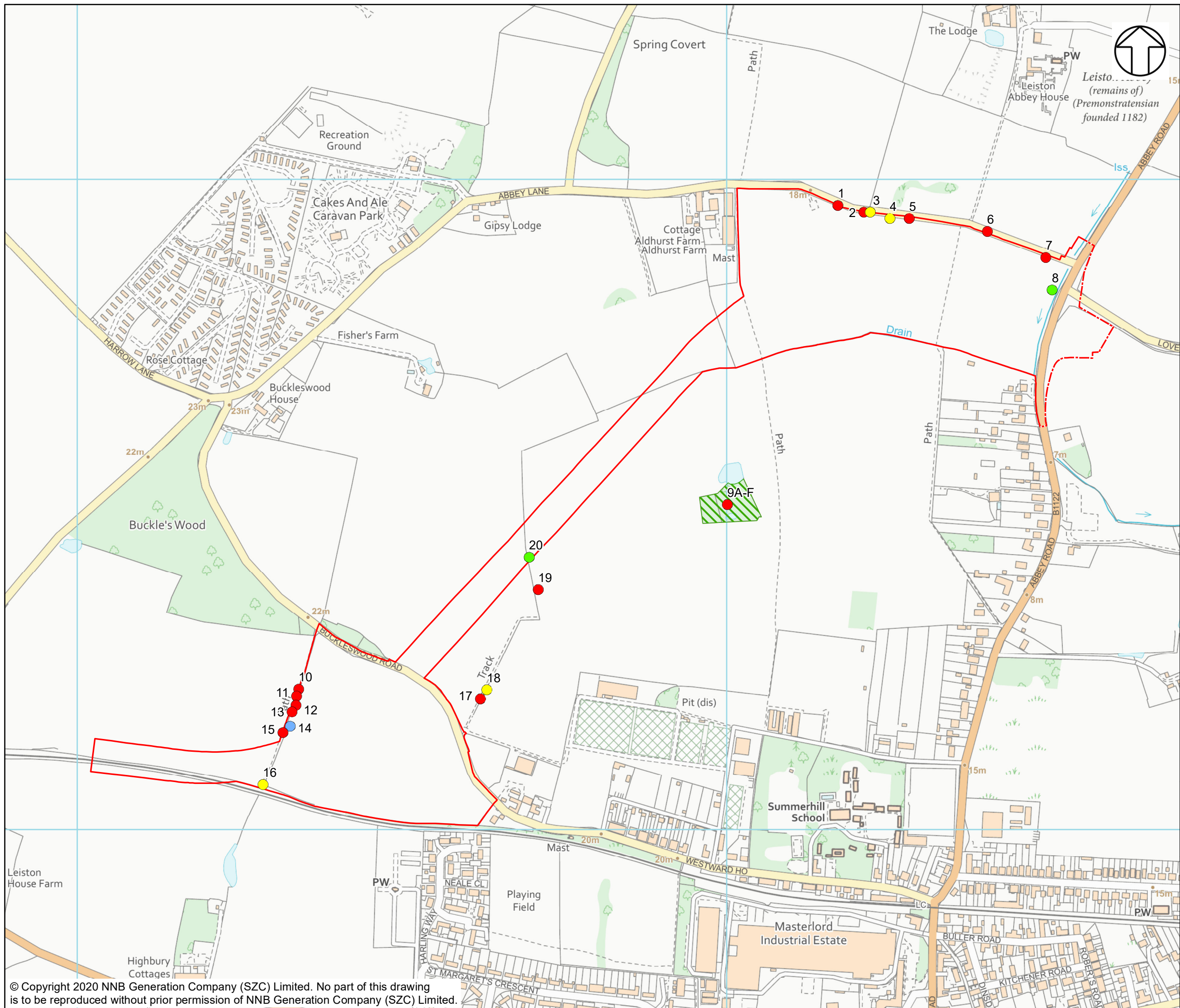
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 TERRESTRIAL ECOLOGY AND ORNITHOLOGY

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 RECORDED ON THE GREEN RAIL ROUTE DURING
 WINTER BIRD SURVEYS IN NOVEMBER 2014 -
 MARCH 2015

DRAWING NO:
 FIGURE 7.7

DATE: JAN 2020 **DRAWN:** R.M. **SCALE:** 1:5,500 @A3





NOTES

KEY

- GREEN RAIL ROUTE DEVELOPMENT
- SITE BOUNDARY
- VOLUME 9 ASSESSMENT AREA
- ROOST POTENTIAL CLASSIFICATION**
- HIGH POTENTIAL
- MODERATE POTENTIAL
- LOW-MODERATE POTENTIAL
- LOW POTENTIAL
- BAT ROOST POTENTIAL AREA

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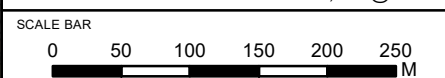


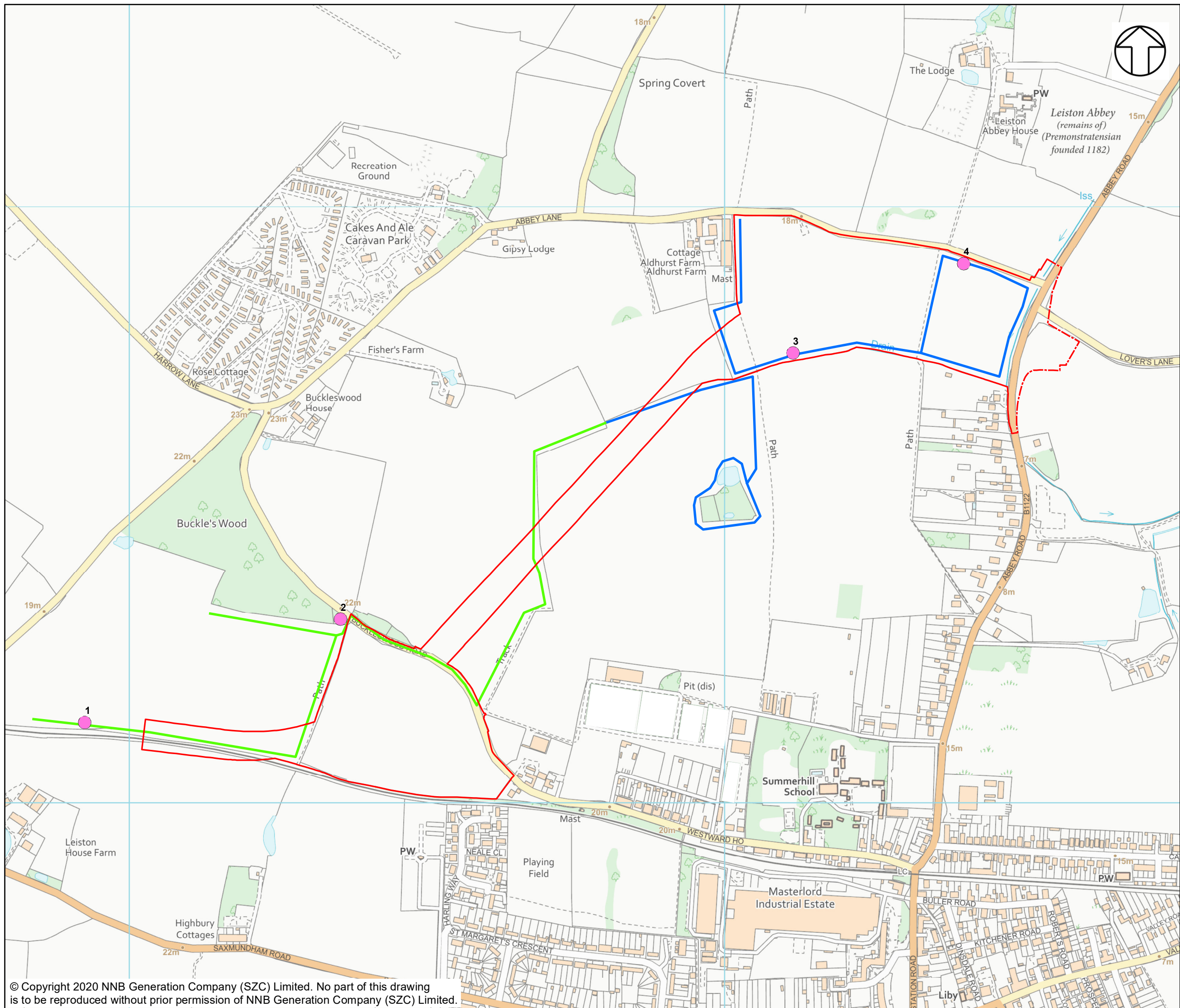
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 GREEN RAIL ROUTE BAT TREE
 ASSESSMENT RESULTS 2015

DRAWING NO:
 FIGURE 7.8

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NOTES

KEY

- GREEN RAIL ROUTE DEVELOPMENT SITE BOUNDARY
- - - VOLUME 9 ASSESSMENT AREA
- SM2 STATIC DETECTOR LOCATIONS
- GREEN RAIL ROUTE ACTIVITY TRANSECT 1
- GREEN RAIL ROUTE ACTIVITY TRANSECT 2

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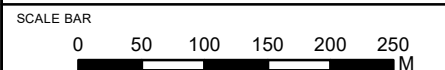


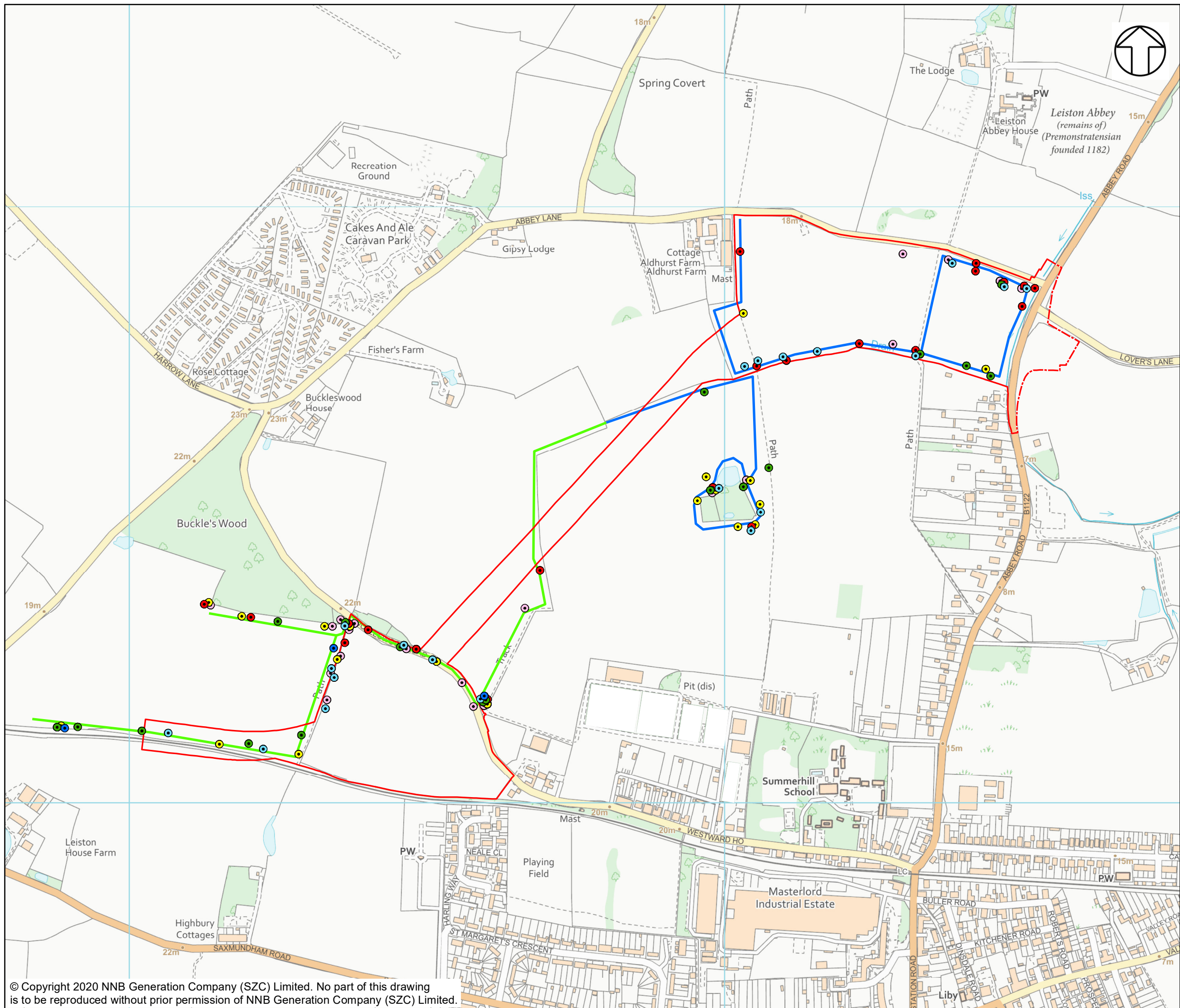
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DRAWING TITLE:
 GREEN RAIL ROUTE ACTIVITY TRANSECT
 ROUTES AND SM2 LOCATIONS

DRAWING NO:
 FIGURE 7.9

DATE: JAN 2020 **DRAWN:** R.M. **SCALE:** 1:6,000 @A3





NOTES

KEY

- GREEN RAIL ROUTE DEVELOPMENT SITE BOUNDARY
- - - VOLUME 9 ASSESSMENT AREA
- MAY 2014 COMMON PIPISTRELLE PASSES
- JUNE 2014 COMMON PIPISTRELLE PASSES
- JULY 2014 COMMON PIPISTRELLE PASSES
- AUGUST 2014 COMMON PIPISTRELLE PASSES
- SEPTEMBER 2014 COMMON PIPISTRELLE PASSES
- OCTOBER 2014 COMMON PIPISTRELLE PASSES
- GREEN RAIL ROUTE ACTIVITY TRANSECT 1
- GREEN RAIL ROUTE ACTIVITY TRANSECT 2

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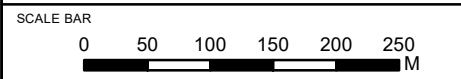


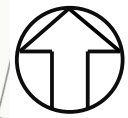
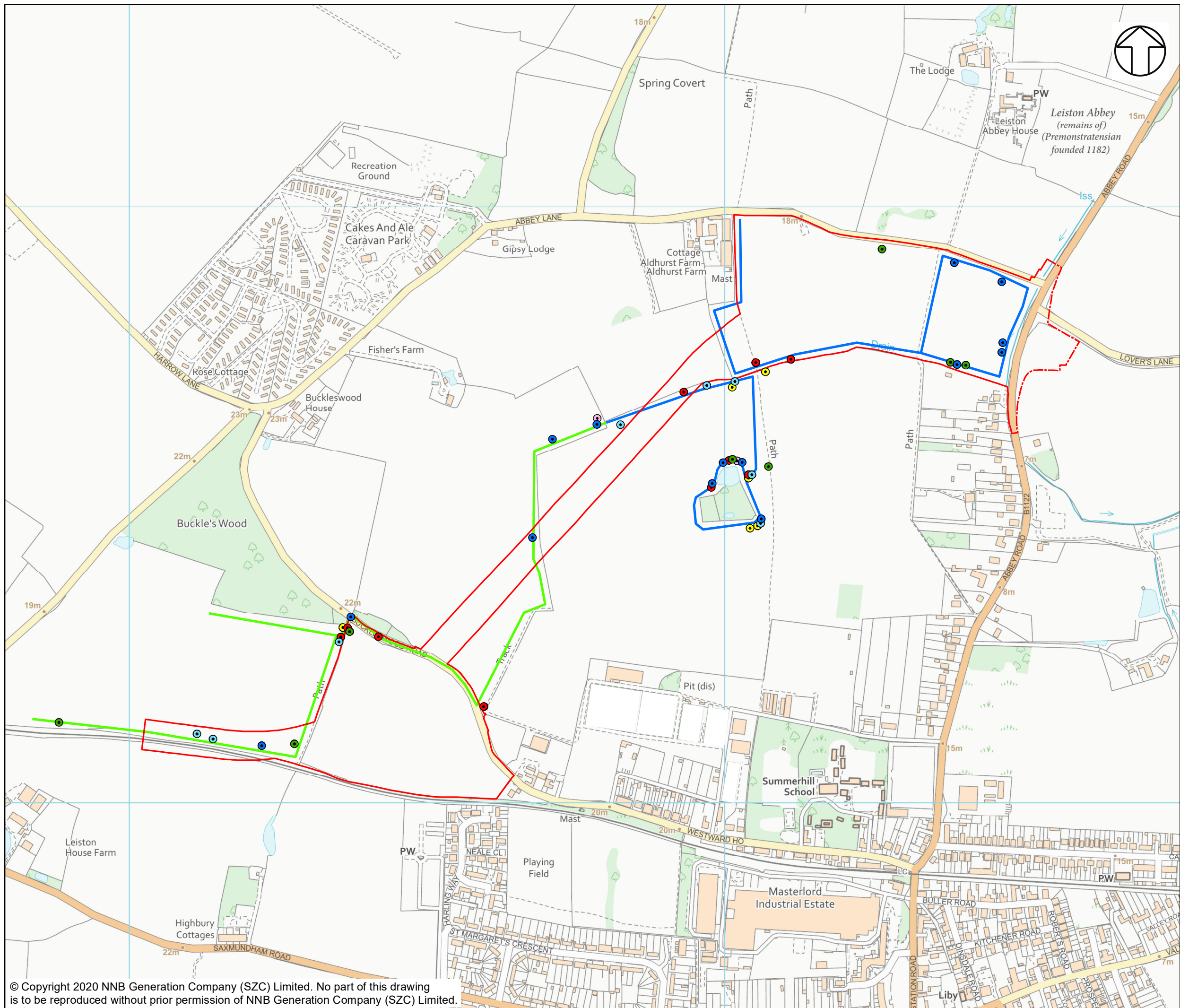
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 RECORDED DURING GREEN RAIL ROUTE
 ACTIVITY TRANSECT ROUTES 1 AND 2,
 MAY - OCTOBER 2014

DRAWING NO:
 FIGURE 7.10

DATE: JAN 2020 **DRAWN:** R.M. **SCALE:** 1:6,000 @A3





NOTES

KEY

- GREEN RAIL ROUTE DEVELOPMENT SITE BOUNDARY
- - - VOLUME 9 ASSESSMENT AREA
- MAY 2014 SOPRANO PIPISTRELLE PASSES
- JUNE 2014 SOPRANO PIPISTRELLE PASSES
- JULY 2014 SOPRANO PIPISTRELLE PASSES
- AUGUST 2014 SOPRANO PIPISTRELLE PASSES
- SEPTEMBER 2014 SOPRANO PIPISTRELLE PASSES
- OCTOBER 2014 SOPRANO PIPISTRELLE PASSES
- GREEN RAIL ROUTE ACTIVITY TRANSECT 1
- GREEN RAIL ROUTE ACTIVITY TRANSECT 2

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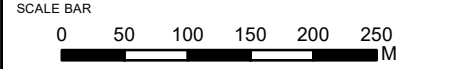


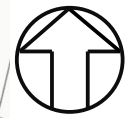
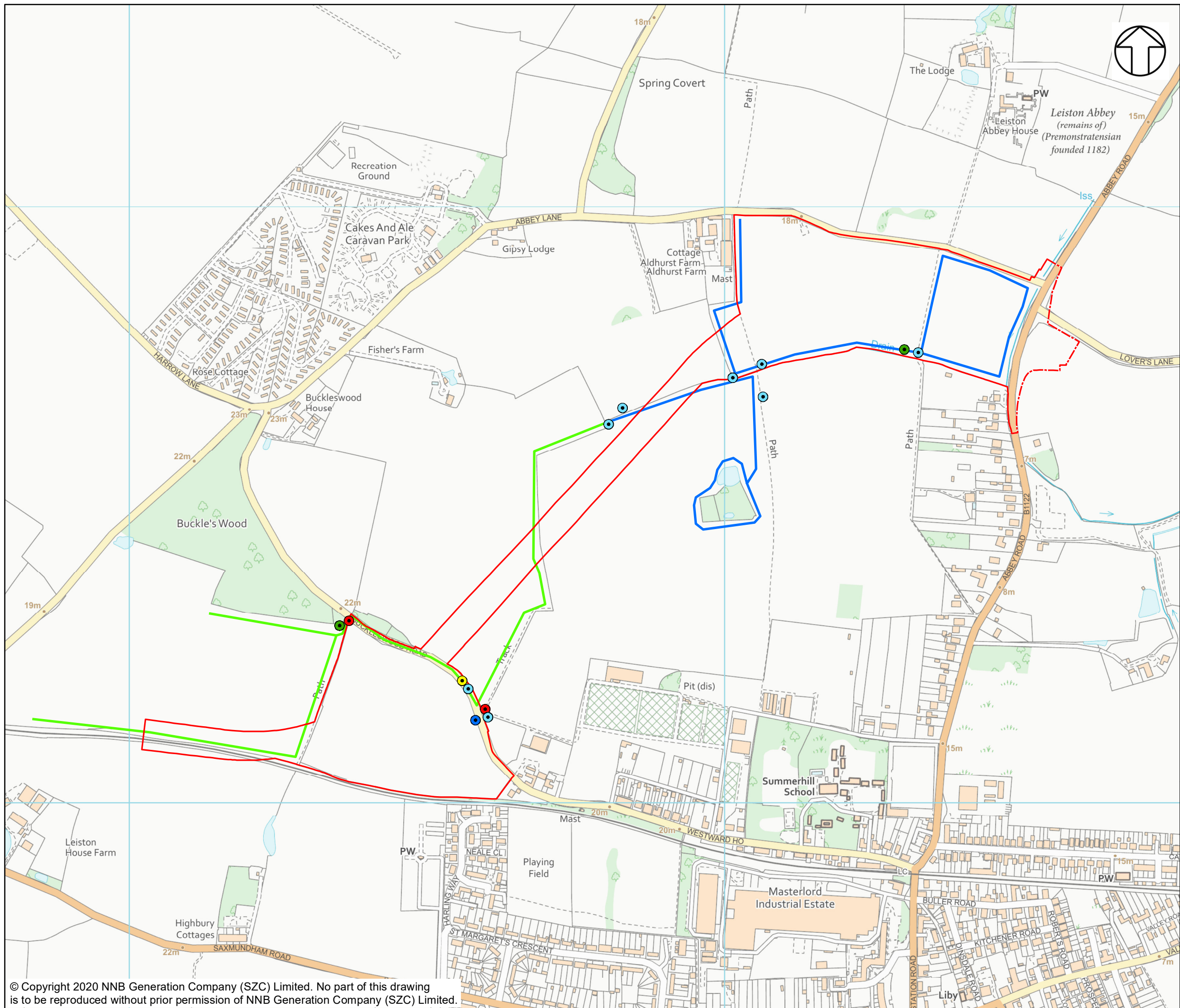
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 TERRESTRIAL ECOLOGY AND ORNITHOLOGY

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 RECORDED DURING GREEN RAIL ROUTE
 ACTIVITY TRANSECT ROUTES 1 AND 2,
 MAY - OCTOBER 2014

DRAWING NO:
 FIGURE 7.11

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NOTES

KEY

- GREEN RAIL ROUTE DEVELOPMENT SITE BOUNDARY
- - - VOLUME 9 ASSESSMENT AREA
- JUNE 2014 BARBASTELLE PASSES
- JULY 2014 BARBASTELLE PASSES
- AUGUST 2014 BARBASTELLE PASSES
- SEPTEMBER 2014 BARBASTELLE PASSES
- OCTOBER 2014 BARBASTELLE PASSES
- GREEN RAIL ROUTE ACTIVITY TRANSECT 1
- GREEN RAIL ROUTE ACTIVITY TRANSECT 2

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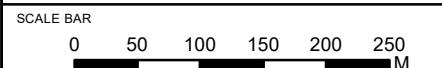


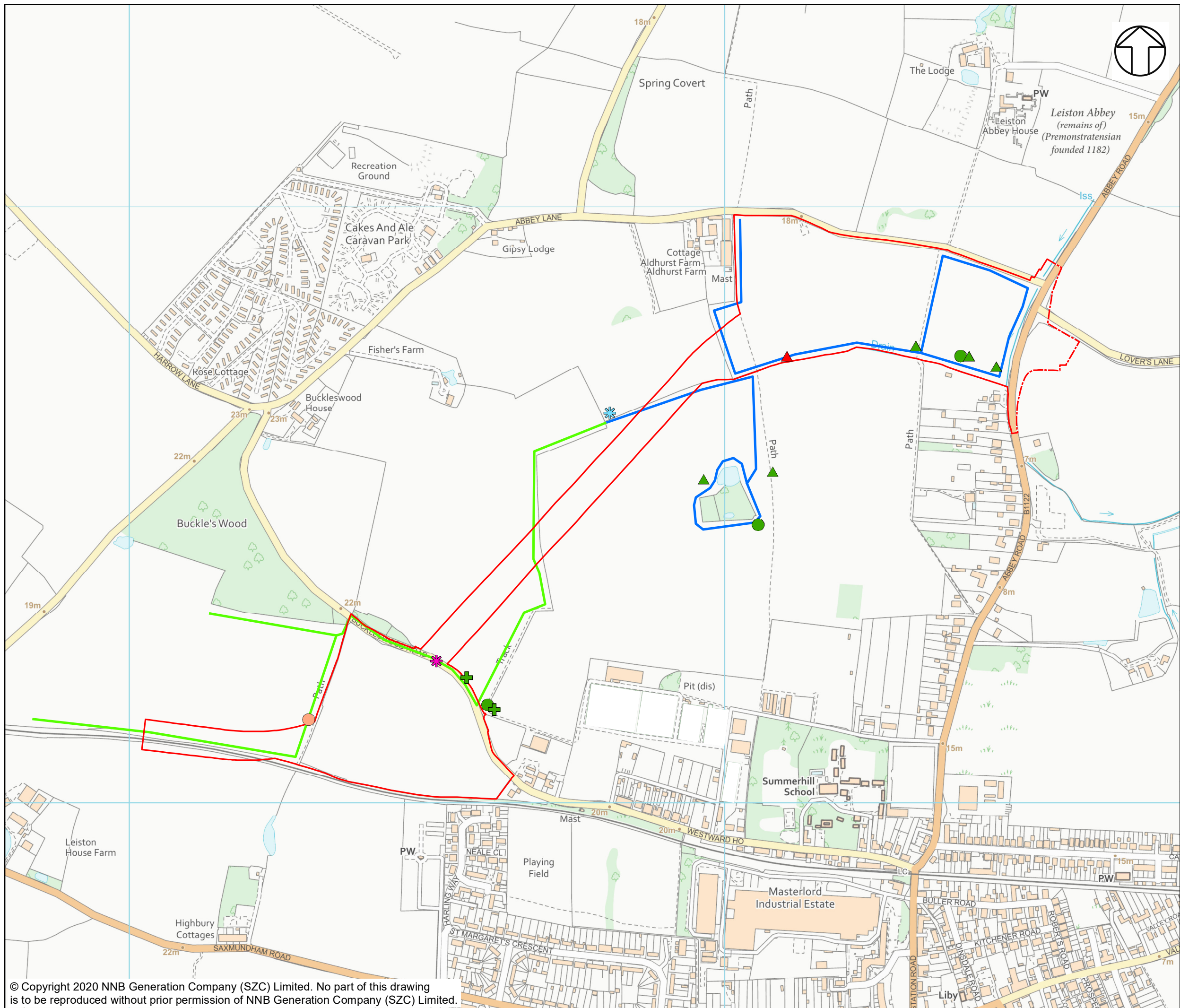
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 RECORDED DURING GREEN RAIL ROUTE
 ACTIVITY TRANSECT ROUTES 1 AND 2,
 MAY - OCTOBER 2014

DRAWING NO:
 FIGURE 7.12

DATE: JAN 2020 **DRAWN:** R.M. **SCALE:** 1:6,000 @A3





NOTES

KEY

- GREEN RAIL ROUTE DEVELOPMENT SITE BOUNDARY
- - - VOLUME 9 ASSESSMENT AREA
- ✱ MAY - BIG BAT
- JUNE - NOCTULE
- ▲ JULY - NYCTALUS SP
- AUGUST - NOCTULE
- ▲ AUGUST - NYCTALUS SPP.
- + AUGUST - SEROTINE
- ✱ SEPTEMBER - BIG BAT
- GREEN RAIL ROUTE ACTIVITY TRANSECT 1
- GREEN RAIL ROUTE ACTIVITY TRANSECT 2

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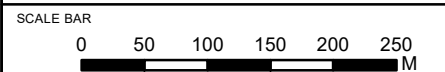


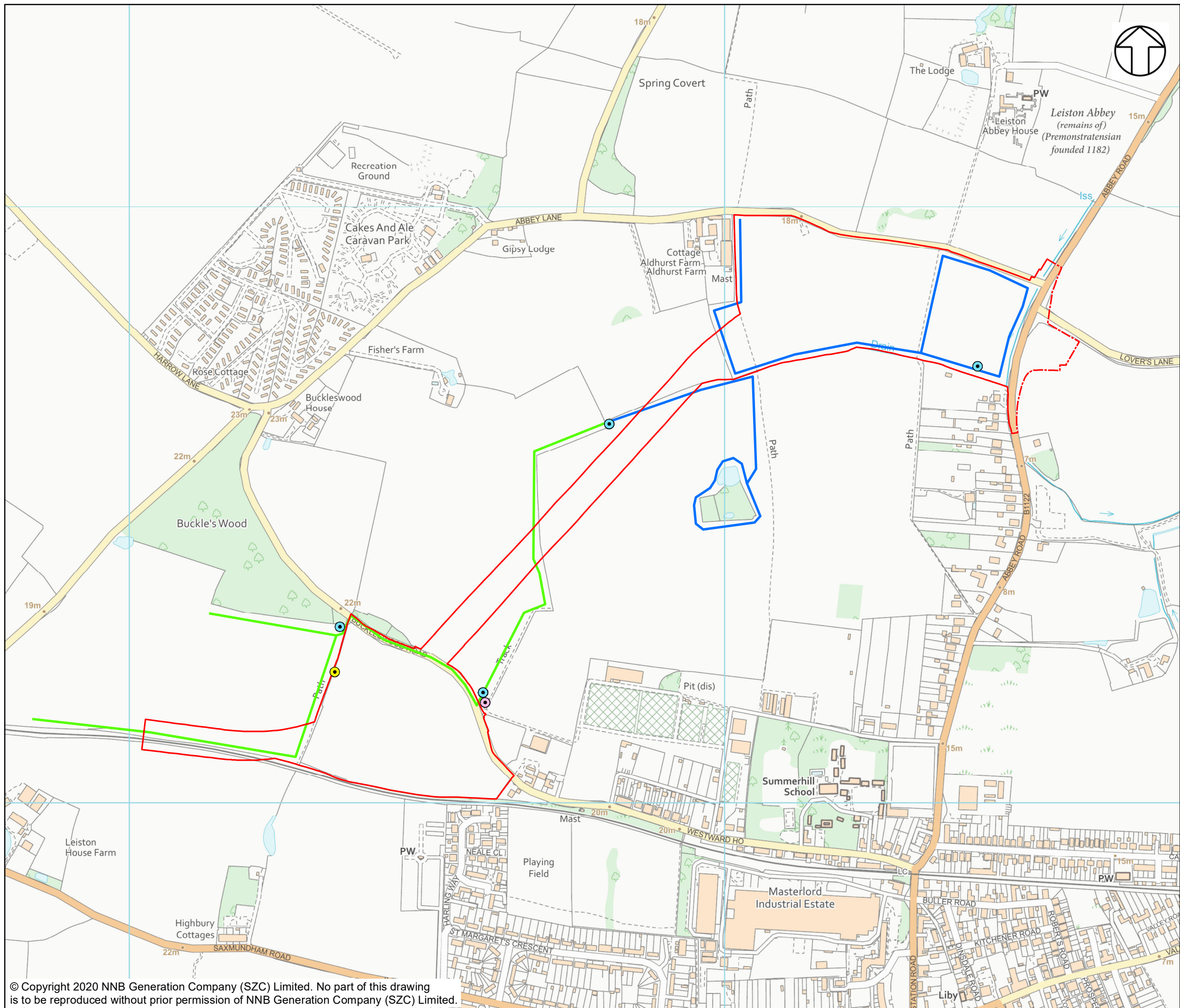
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 LOCATION OF BIG BAT PASSES RECORDED DURING GREEN RAIL ROUTE ACTIVITY TRANSECT ROUTES 1 AND 2, MAY - OCTOBER 2014

DRAWING NO:
 FIGURE 7.13

DATE: JAN 2020 **DRAWN:** R.M. **SCALE:** 1:6,000 @A3





NOTES

KEY

- GREEN RAIL ROUTE DEVELOPMENT SITE BOUNDARY
- - - VOLUME 9 ASSESSMENT AREA
- MAY 2014 MYOTIS SPP. PASSES
- JUNE 2014 MYOTIS SPP. PASSES
- SEPTEMBER 2014 MYOTIS SPP. PASSES
- GREEN RAIL ROUTE ACTIVITY TRANSECT 1
- GREEN RAIL ROUTE ACTIVITY TRANSECT 2

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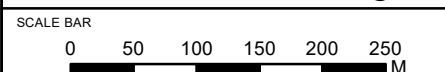


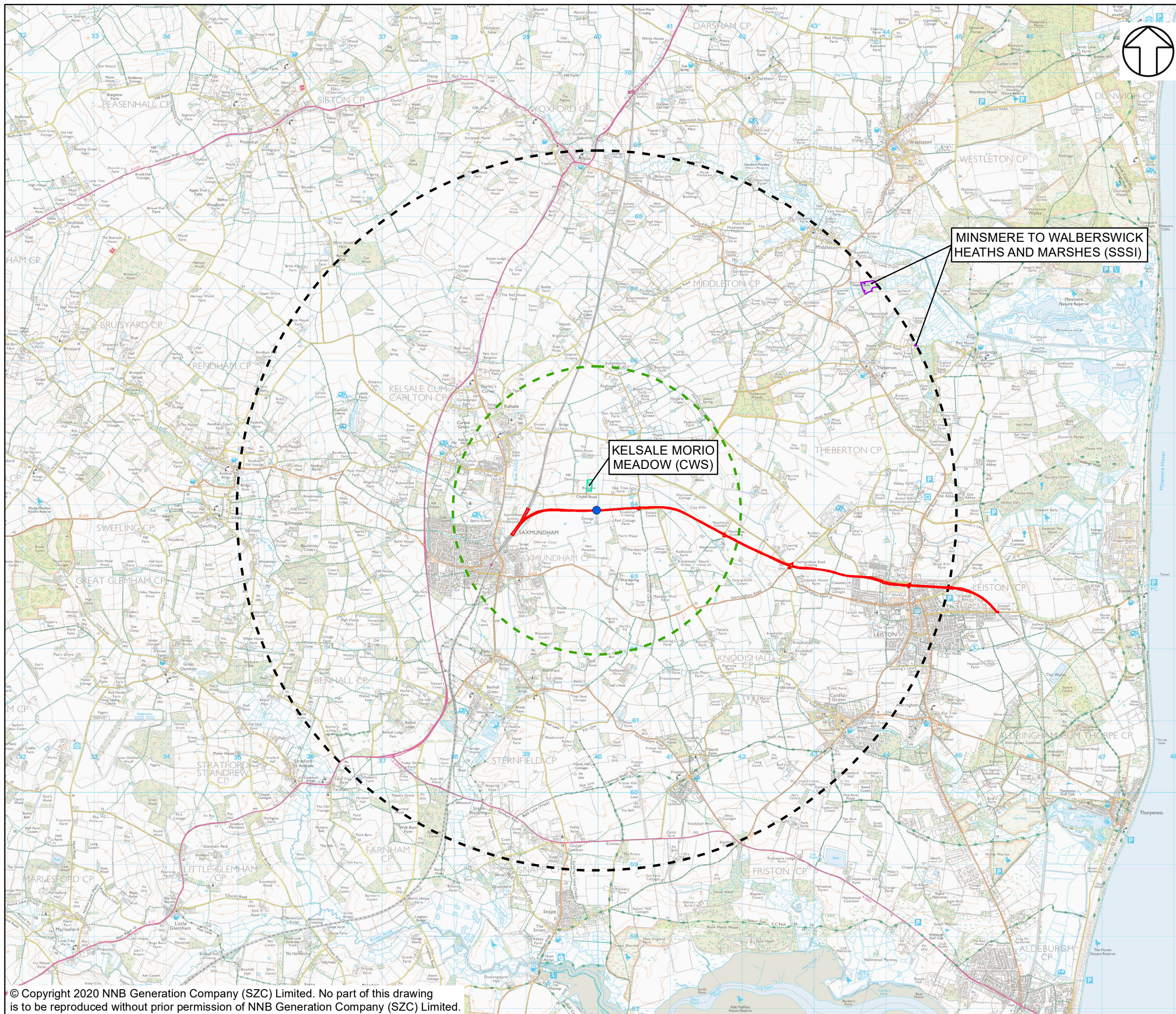
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 LOCATION OF MYOTIS SPP. PASSES RECORDED DURING GREEN RAIL ROUTE ACTIVITY TRANSECT ROUTES 1 AND 2, MAY - OCTOBER 2014

DRAWING NO:
 FIGURE 7.14

DATE: JAN 2020 **DRAWN:** R.M. **SCALE:** 1:6,000 @A3





NOTES

KEY

- SAXMUNDHAM TO LEISTON BRANCH LINE UPGRADES DEVELOPMENT SITE BOUNDARY
- BRATT'S BLACK HOUSE LEVEL CROSSING LOCATION (SCREENED IN FOR ECOLOGY ASSESSMENT)
- 5KM STUDY AREA (STATUTORY DESIGNATIONS)
- 2KM STUDY AREA (NON-STATUTORY DESIGNATIONS)
- SITE OF SPECIAL SCIENTIFIC (SSSI)
- COUNTY WILDLIFE SITE (CWS)

MINSMERE TO WALBERSWICK HEATHS AND MARSHES (SSSI)

KELSALE MORIO MEADOW (CWS)

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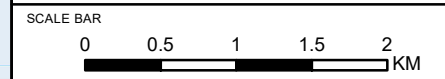


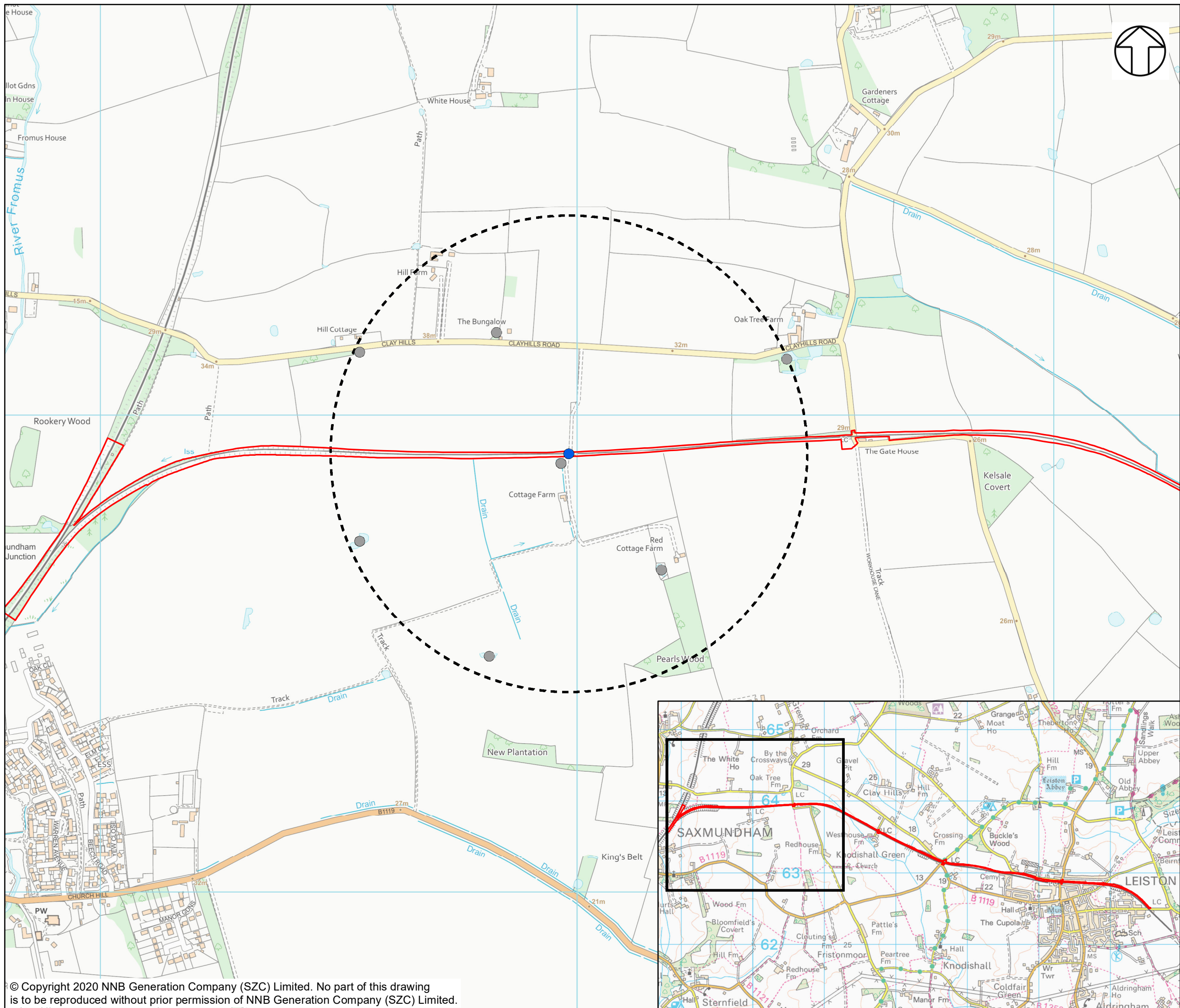
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 LOCATION OF STATUTORY DESIGNATED SITES WITHIN 5KM AND NON-STATUTORY DESIGNATED SITES WITHIN 2KM OF THE SAXMUNDHAM TO LEISTON BRANCH LINE UPGRADES – BRATT'S BLACK HOUSE

DRAWING NO:
 FIGURE 7.15

DATE: JAN 2020 **DRAWN:** R.M. **SCALE:** 1:50,000 @A3





NOTES

KEY

- SAXMUNDHAM TO LEISTON BRANCH LINE UPGRADES DEVELOPMENT SITE BOUNDARY
- 500M BUFFER ZONE – SAXMUNDHAM TO LEISTON BRANCH LINE UPGRADES
- BRATT'S BLACK HOUSE LEVEL CROSSING LOCATION (SCREENED IN FOR ECOLOGY ASSESSMENT)
- NO ACCESS FOR GCN SURVEYS

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DOCUMENT:
 SIZEWELL C
 ENVIRONMENTAL STATEMENT
 VOLUME 9
 CHAPTER 7
 TERRESTRIAL ECOLOGY AND ORNITHOLOGY

DRAWING TITLE:
 PONDS WITHIN 500M OF THE SAXMUNDHAM TO LEISTON BRANCH LINE UPGRADES – BRATT'S BLACK HOUSE

DRAWING NO:
 FIGURE 7.16

DATE: JAN 2020 **DRAWN:** R.M. **SCALE:** 1:7,500 @A3

