



The Sizewell C Project

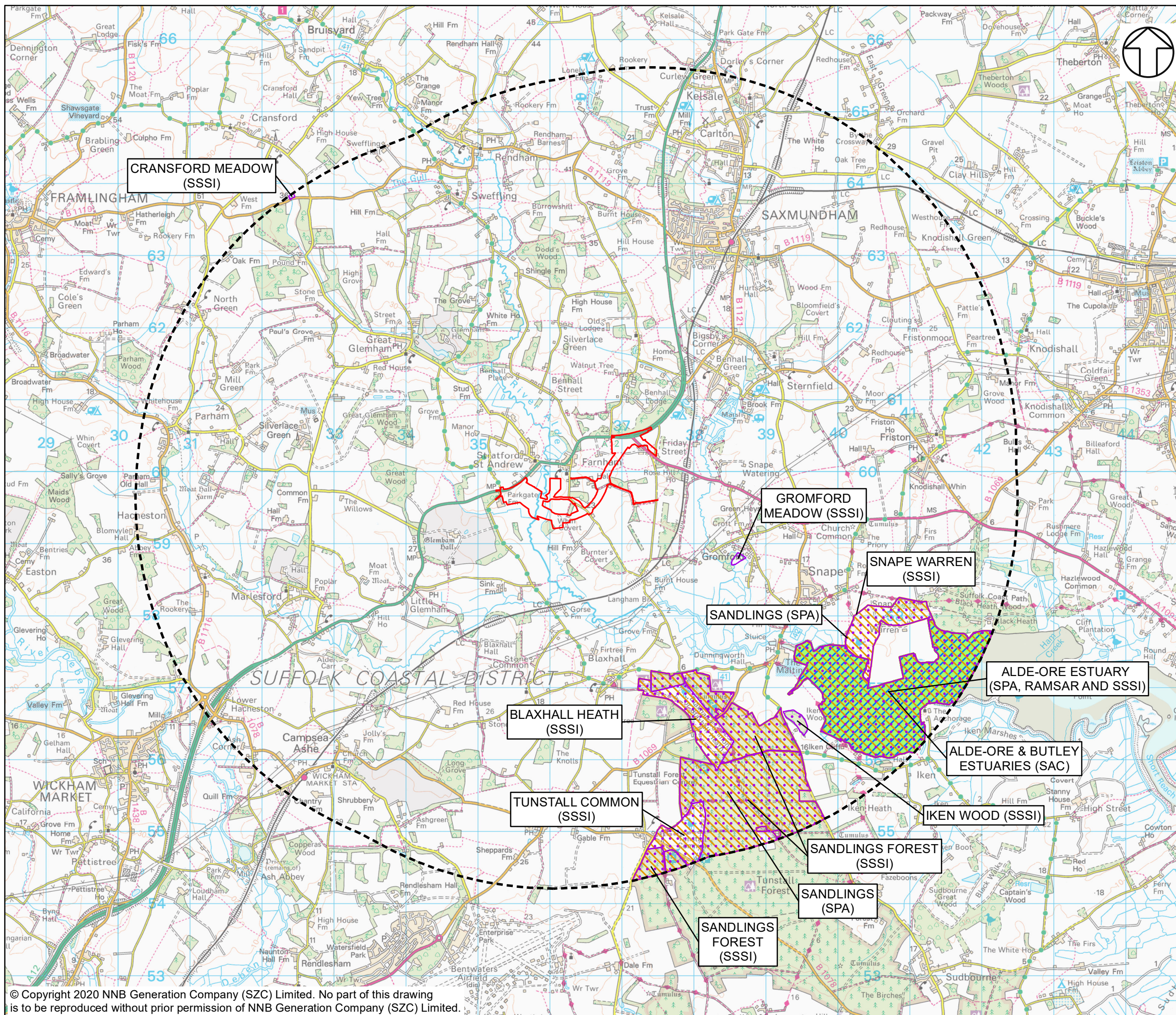
6.6 Volume 5 Two Village Bypass Chapter 7 Terrestrial Ecology and Ornithology Appendix 7A Ecological Baseline and Method Statement Annex 7A.1: Figures 7.1 - 7.15

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

- TWO VILLAGE BYPASS DEVELOPMENT SITE BOUNDARY
- 5KM STUDY
- SPECIAL PROTECTION AREA
- SPECIAL AREA OF CONSERVATION (SAC)
- RAMSAR SITE
- SITE OF SPECIAL SCIENTIFIC INTEREST (SSSI)

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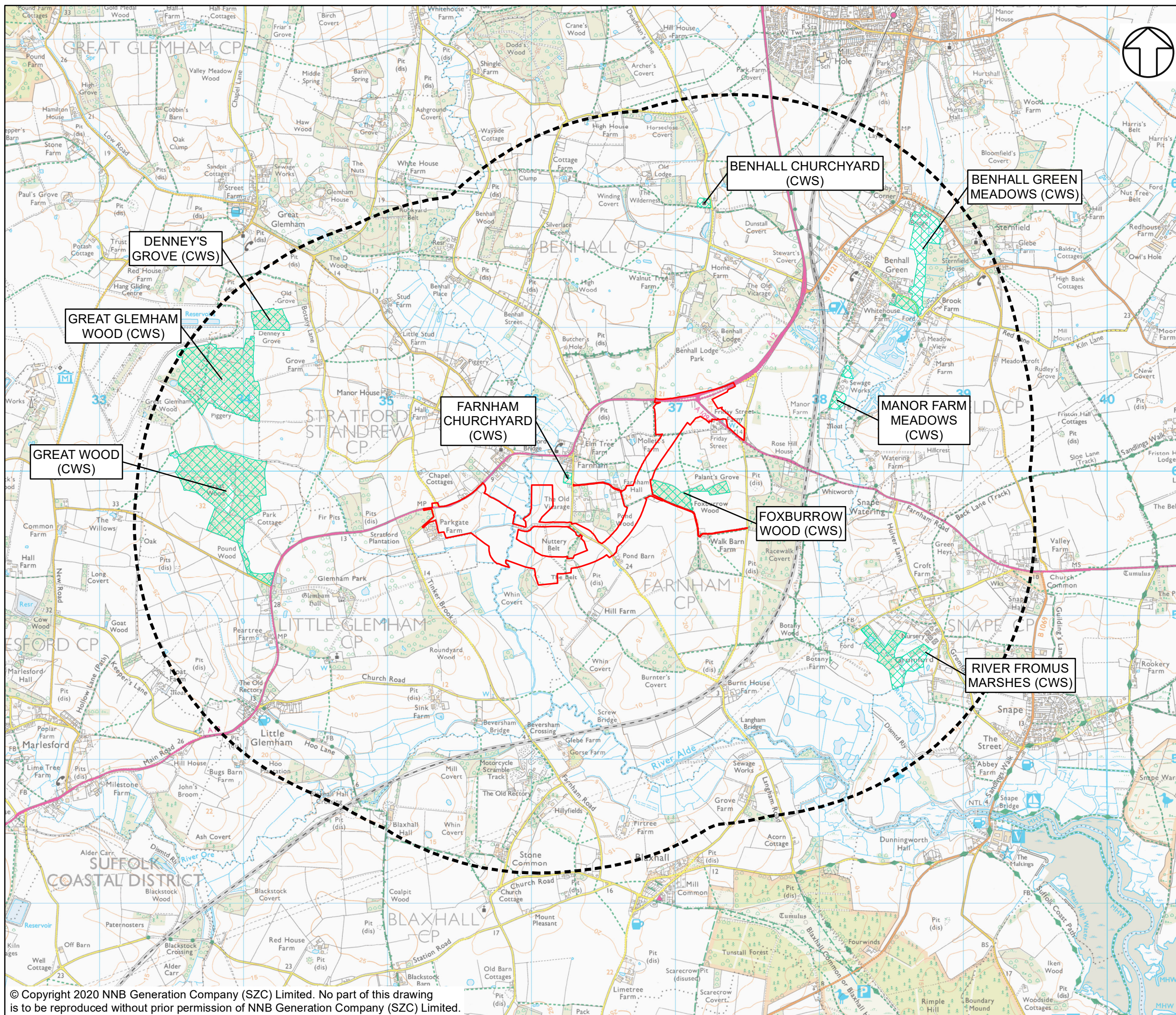
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VOLUME 5
CHAPTER 7
TERRESTRIAL ECOLOGY AND ORNITHOLOGY

DRAWING TITLE:
LOCATION OF STATUTORY DESIGNATED SITES
WITHIN 5KM OF TWO VILLAGE BYPASS

DRAWING NO:
FIGURE 7.1

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

SCALE BAR
0 0.5 1 1.5 2 2.5 KM



NOTES

KEY

- TWO VILLAGE BYPASS DEVELOPMENT SITE BOUNDARY
- 2KM STUDY AREA
- COUNTY WILDLIFE SITES (CWS)

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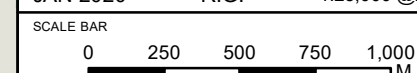


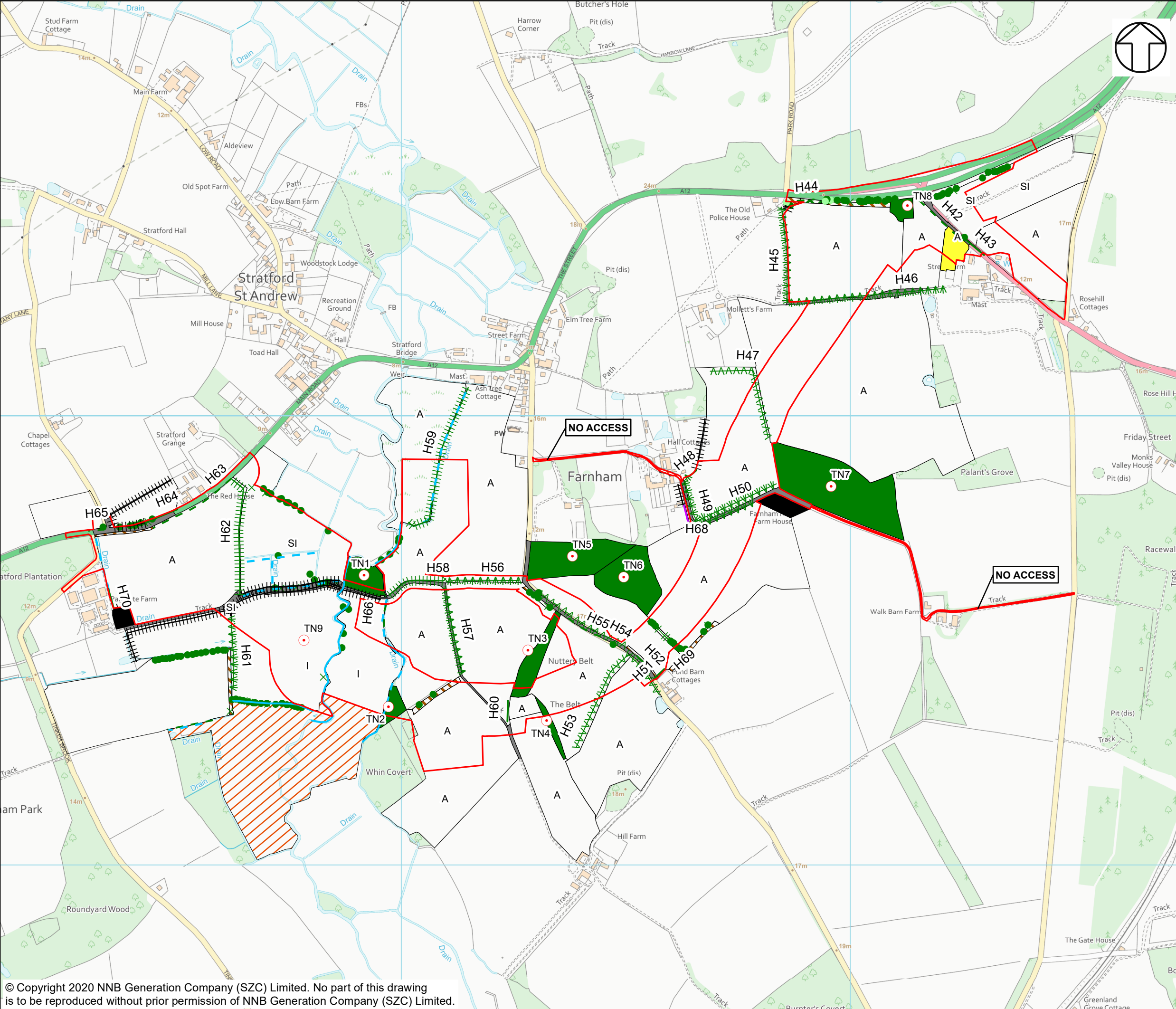
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CHAPTER 7
TERRESTRIAL ECOLOGY AND ORNITHOLOGY

DRAWING TITLE:
LOCATION OF NON-STATUTORY DESIGNATED
SITES WITHIN 2KM OF TWO VILLAGE BYPASS

DRAWING NO:
FIGURE 7.2

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





NOTES

KEY

- TWO VILLAGE BYPASS DEVELOPMENT SITE BOUNDARY
- TARGET NOTE
- SCATTERED SCRUB
- SCATTERED BROADLEAVED TREES
- SCATTERED CONIFEROUS TREES
- DRY DITCH
- DEFUNCT HEDGE - SPECIES-POOR
- DEFUNCT HEDGE - NATIVE SPECIES-RICH
- FENCE
- HEDGE WITH TREES - NATIVE SPECIES-RICH
- HEDGE WITH TREES - SPECIES-POOR
- INTACT HEDGE - SPECIES-POOR
- INTACT HEDGE - NATIVE SPECIES-RICH
- RUNNING WATER
- WALL
- CULTIVATED/DISTURBED LAND -
- CULTIVATED/DISTURBED LAND - AMENITY GRASSLAND
- BUILDINGS
- BROADLEAVED WOODLAND - SEMI-NATURAL
- HARDSTANDING
- INTRODUCED SHRUB
- POOR SEMI-IMPROVED GRASSLAND
- IMPROVED GRASSLAND
- SCRUB - DENSE/CONTINUOUS
- OTHER TALL HERB AND FERN -
- NO ACCESS

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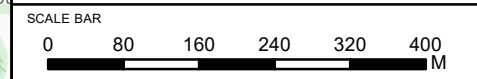


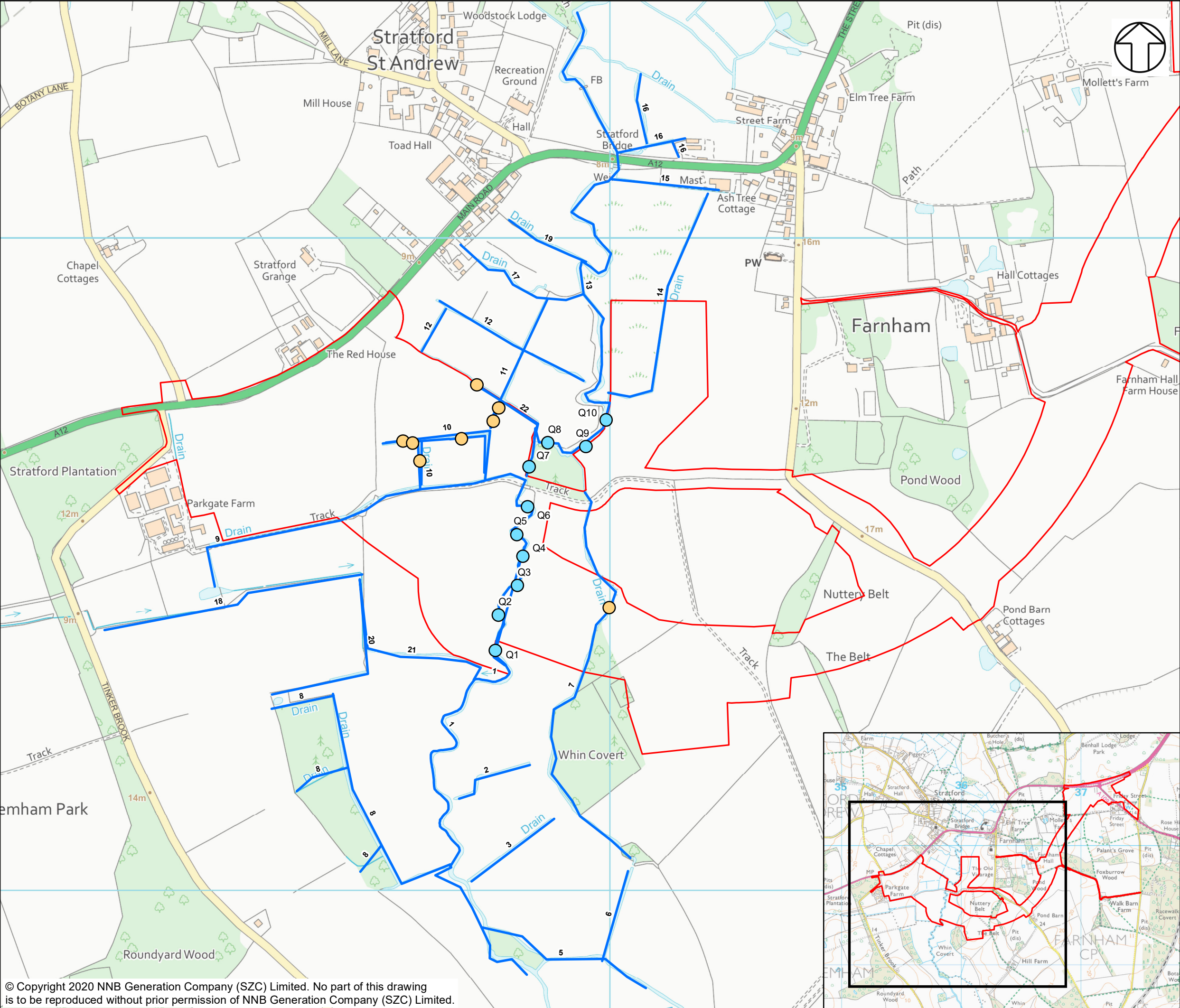
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CHAPTER 7
TERRESTRIAL ECOLOGY AND ORNITHOLOGY

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PHASE 1 HABITAT PLAN FOR
TWO VILLAGE BYPASS

DRAWING NO:
FIGURE 7.3

DATE: JAN 2020 DRAWN: R.G. SCALE: 1:8,000 @A3





NOTES

KEY

- TWO VILLAGE BYPASS DEVELOPMENT SITE BOUNDARY
- ADDITIONAL VEGETATION SURVEY LOCATIONS
- NVC SURVEY QUADRAT
- WATERCOURSE
- 1 WATERCOURSE NUMBER

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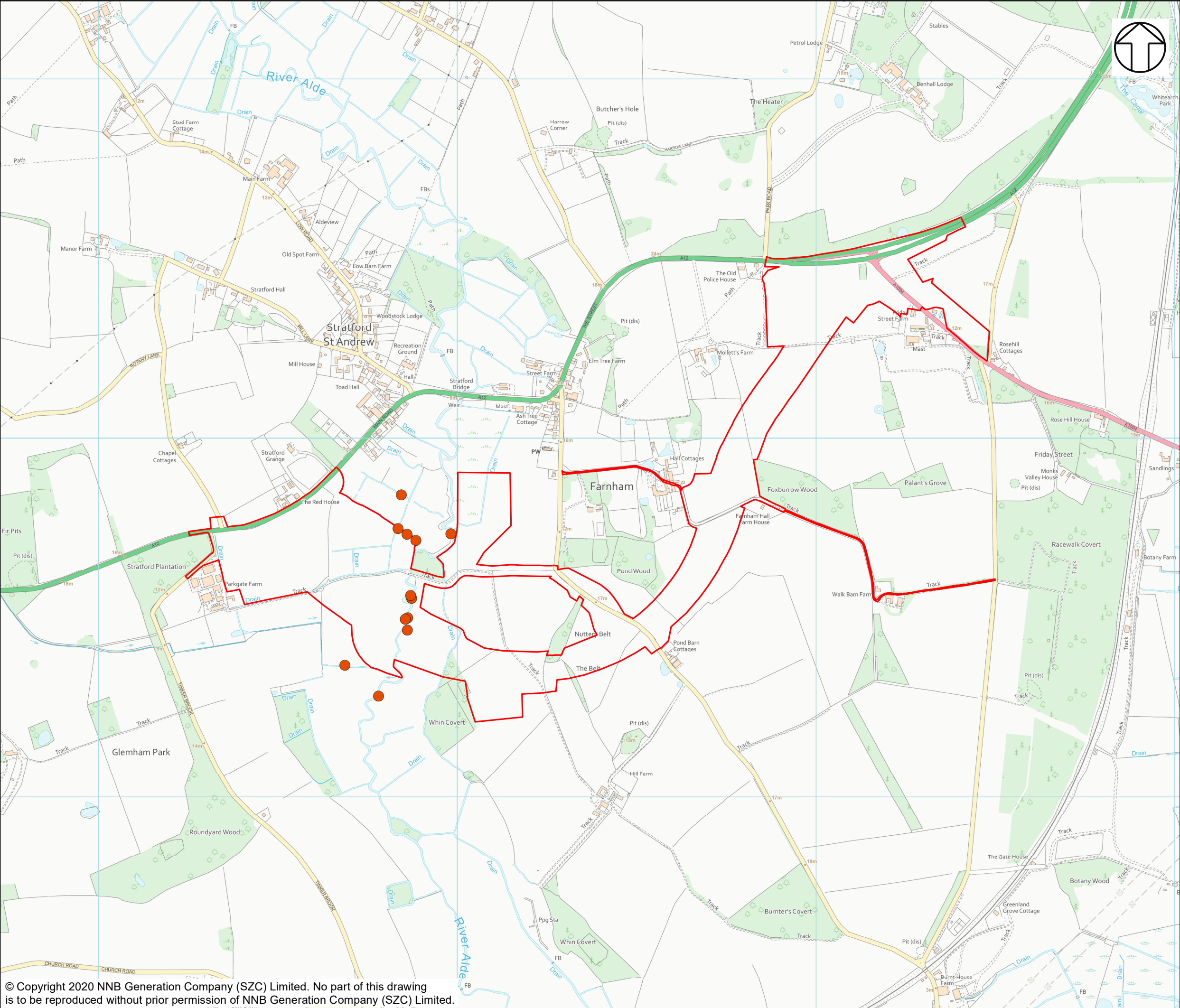
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DRAWING TITLE:
NATIONAL VEGETATION CLASSIFICATION
RESULTS FOR TWO VILLAGE BYPASS

DRAWING NO:
FIGURE 7.4

DATE: JAN 2020	DRAWN: R.G.	SCALE: 1:5,500 @A3
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SCALE BAR
0 60 120 180 240 M



NOTES

KEY

- TWO VILLAGE BYPASS DEVELOPMENT SITE BOUNDARY
- INVERTEBRATE SURVEY LOCATIONS

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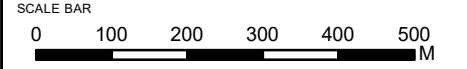


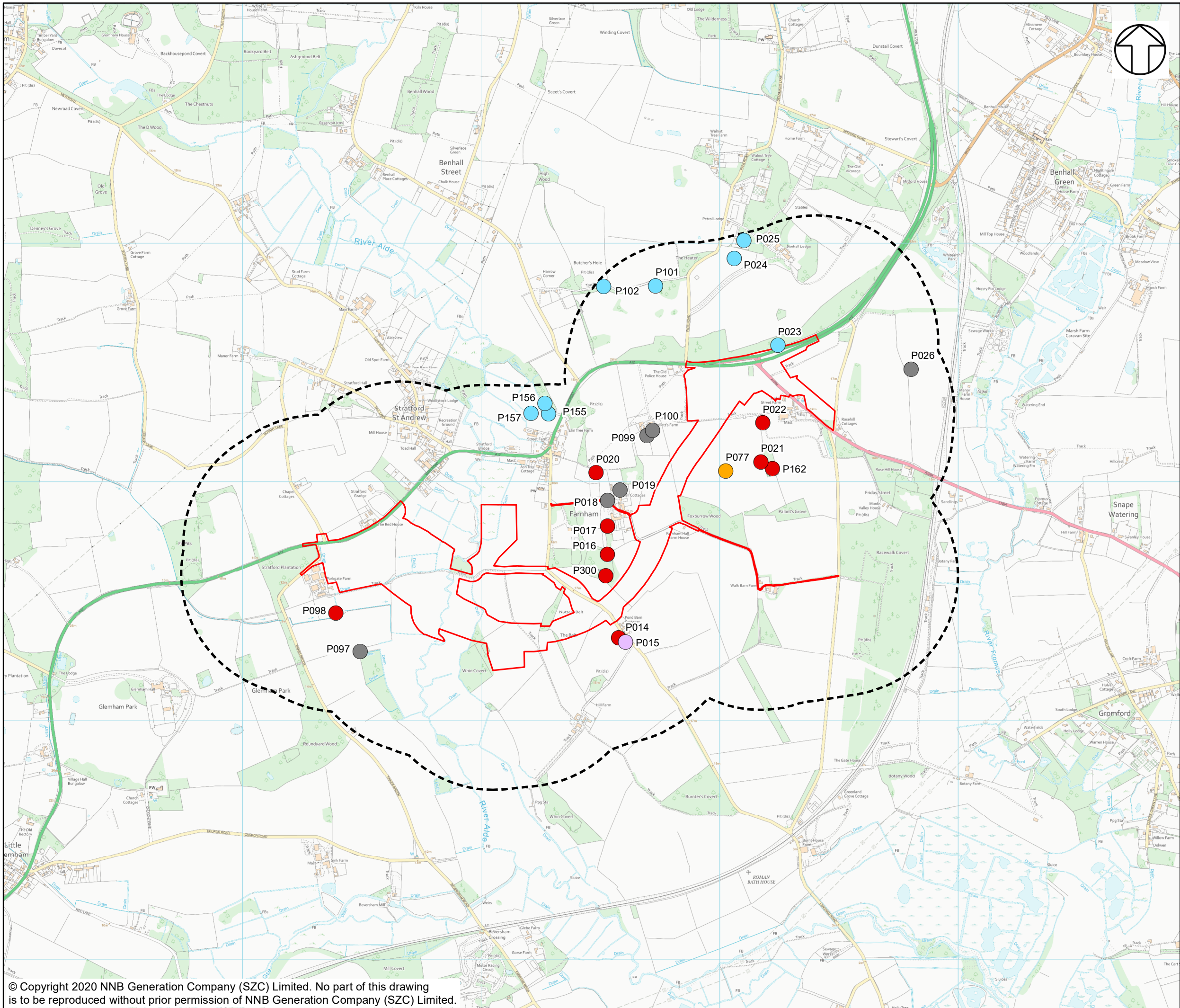
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TERRESTRIAL ECOLOGY AND ORNITHOLOGY

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INVERTEBRATE SURVEY LOCATIONS FOR
TWO VILLAGE BYPASS

DRAWING NO:
FIGURE 7.5

DATE: JAN 2020	DRAWN: R.G.	SCALE: 1:10,000 @A3
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NOTES

KEY

- TWO VILLAGE BYPASS DEVELOPMENT SITE BOUNDARY
- 500M BUFFER ZONE - TWO VILLAGE BYPASS

GREAT CRESTED NEWT (GCN) PRESENCE

- GCN ABSENT
- SCOPED OUT
- DRY POND
- POND NOT EXTANT
- NO ACCESS

P021 - POND 021

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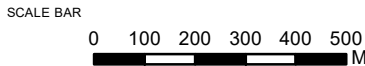


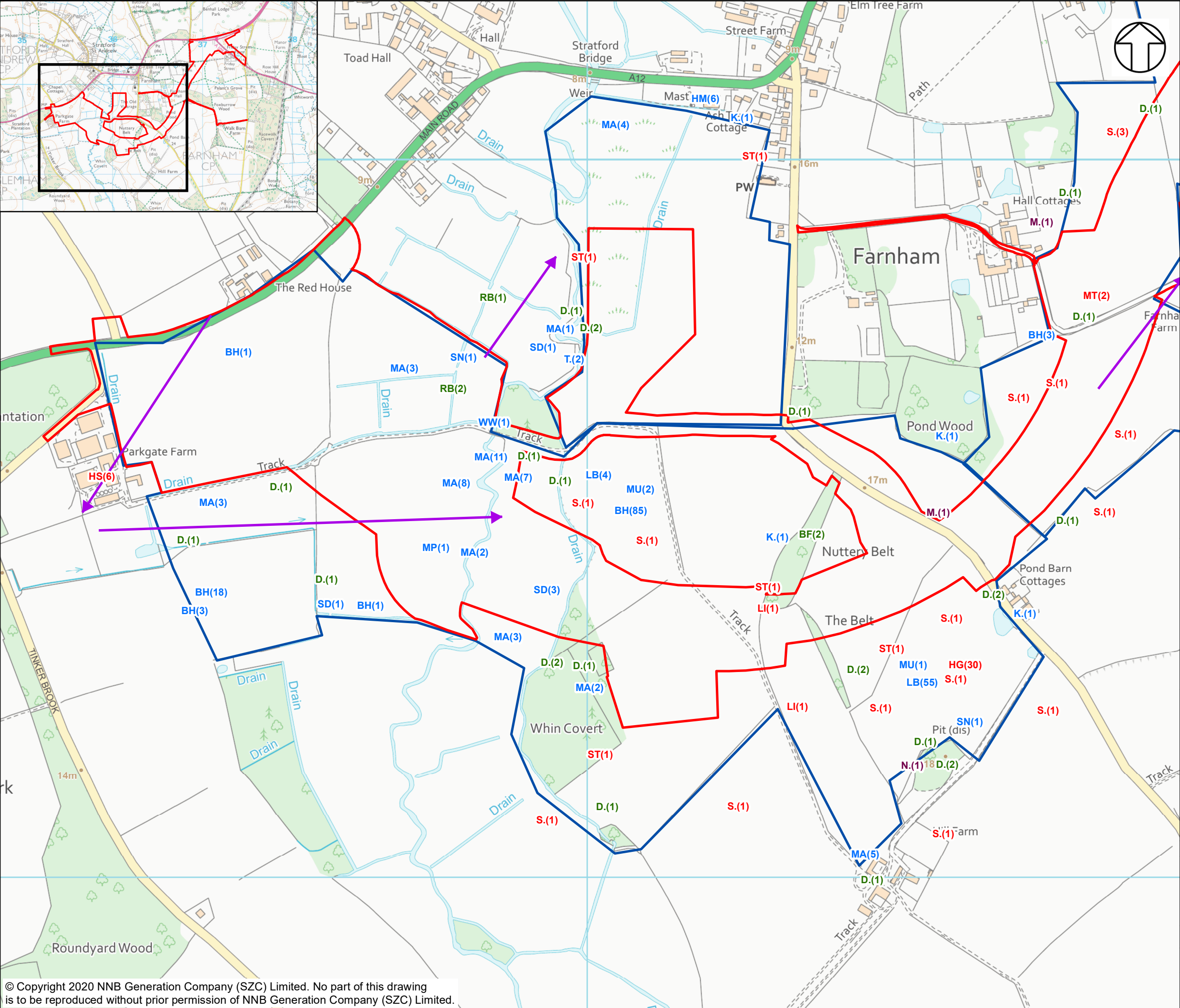
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TERRESTRIAL ECOLOGY AND ORNITHOLOGY

DRAWING TITLE:
GREAT CRESTED NEWT SURVEY RESULTS
FOR TWO VILLAGE BYPASS

DRAWING NO:
FIGURE 7.6

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





NOTES

KEY

TWO VILLAGE BYPASS DEVELOPMENT SITE BOUNDARY

RED LIST AND SECTION 41 NERC

- HS-HOUSE SPARROW
- HG-HERRING GULL
- LI-LINNET
- MT-MARSH TIT
- ST-SONG THRUSH
- S.-SKYLARK

AMBER LIST SPECIES

- BH-BLACK HEADED GULL
- HM-HOUSE MARTIN
- K.-KESTREL
- LB-LESSER BLACK BACKED GULL
- MU-MEDITERRANEAN GULL
- MA-MALLARD
- MP-MEADOW PIPIT
- SN-SNIPE
- SD-STOCK DOVE
- T.-TEAL
- WW-WILLOW WARBLER

AMBER LIST AND SECTION 41 NERC

- BF-BULLFINCH
- D.-DUNNOCK
- RB-REED BUNTING

RED LIST SPECIES

- M.-MISTLE THRUSH
- N.-NIGHTINGALE

BIRD TRANSECT LINES

BIRD TRANSECT

HS(8) - NUMBER OF INDIVIDUALS

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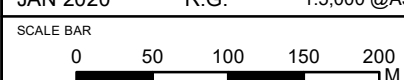


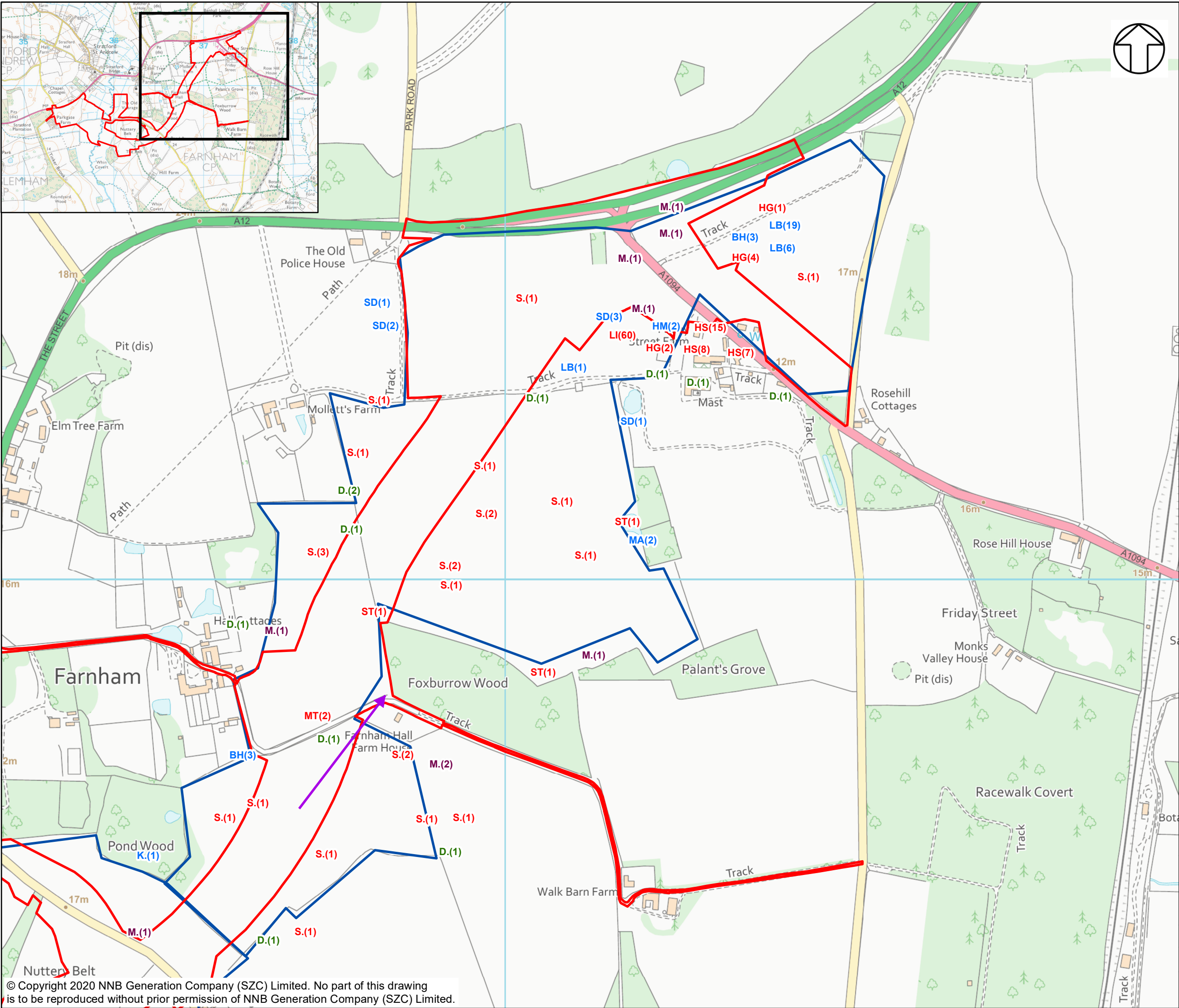
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CHAPTER 7
TERRESTRIAL ECOLOGY AND ORNITHOLOGY

DRAWING TITLE:
SCHEDULE 1, RED LIST, AMBER LIST AND NERC
SPECIES RECORDED AT TWO VILLAGE BYPASS
DURING BREEDING BIRD SURVEYS IN
APRIL-JUNE 2019 SHEET 1 OF 2

DRAWING NO:
FIGURE 7.7

DATE: JAN 2020 DRAWN: R.G. SCALE: 1:5,000 @A3





NOTES

KEY

TWO VILLAGE BYPASS DEVELOPMENT SITE BOUNDARY

RED LIST AND SECTION 41 NERC

- HS-HOUSE SPARROW
- HG-HERRING GULL
- LI-LINNET
- MT-MARSH TIT
- ST-SONG THRUSH
- S.-SKYLARK

AMBER LIST SPECIES

- BH-BLACK HEADED GULL
- HM-HOUSE MARTIN
- K.-KESTREL
- LB-LESSER BLACK BACKED GULL
- MU-MEDITERRANEAN GULL
- MA-MALLARD
- MP-MEADOW PIPIT
- SN-SNIPE
- SD-STOCK DOVE
- T.-TEAL
- WW-WILLOW WARBLER

AMBER LIST AND SECTION 41 NERC

- BF-BULLFINCH
- D.-DUNNOCK
- RB-REED BUNTING

RED LIST SPECIES

- M.-MISTLE THRUSH
- N.-NIGHTINGALE

BIRD TRANSECT LINES

BIRD TRANSECT

HS(8) - NUMBER OF INDIVIDUALS

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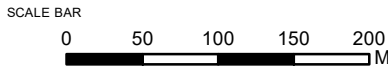


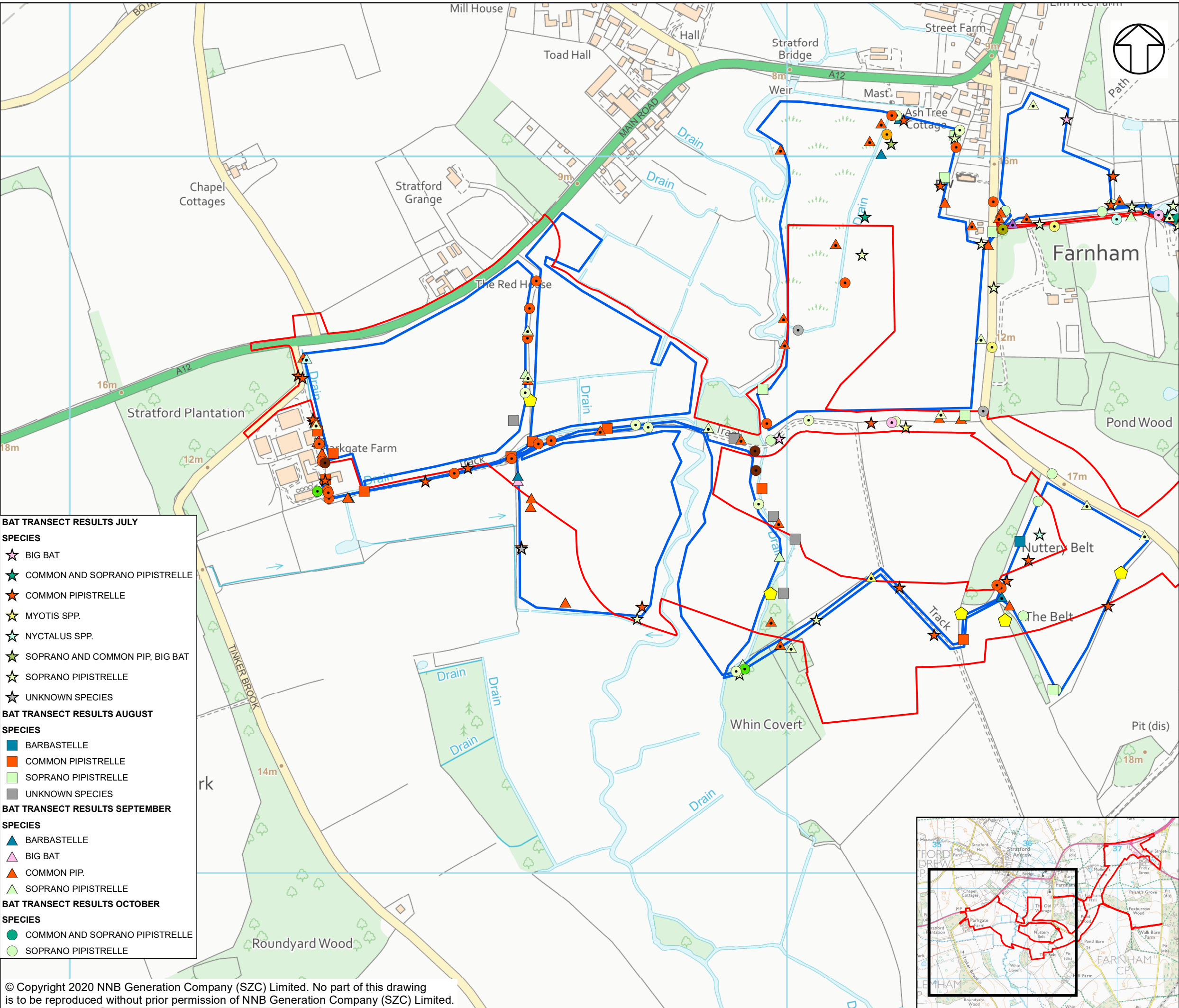
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CHAPTER 7
TERRESTRIAL ECOLOGY AND ORNITHOLOGY

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SCHEDULE 1, RED LIST, AMBER LIST AND NERC
SPECIES RECORDED AT TWO VILLAGE BYPASS
DURING BREEDING BIRD SURVEYS IN
APRIL-JUNE 2019 SHEET 2 OF 2

DRAWING NO:
FIGURE 7.8

DATE: JAN 2020 DRAWN: R.G. SCALE: 1:5,000 @A3





BAT TRANSECT RESULTS JULY
SPECIES

- ★ BIG BAT
- ★ COMMON AND SOPRANO PIPISTRELLE
- ★ COMMON PIPISTRELLE
- ★ MYOTIS SPP.
- ★ NYCTALUS SPP.
- ★ SOPRANO AND COMMON PIP, BIG BAT
- ★ SOPRANO PIPISTRELLE
- ★ UNKNOWN SPECIES

BAT TRANSECT RESULTS AUGUST
SPECIES

- BARBASTELLE
- COMMON PIPISTRELLE
- SOPRANO PIPISTRELLE
- UNKNOWN SPECIES

BAT TRANSECT RESULTS SEPTEMBER
SPECIES

- ▲ BARBASTELLE
- ▲ BIG BAT
- ▲ COMMON PIP.
- ▲ SOPRANO PIPISTRELLE

BAT TRANSECT RESULTS OCTOBER
SPECIES

- COMMON AND SOPRANO PIPISTRELLE
- SOPRANO PIPISTRELLE

NOTES

KEY

- TWO VILLAGE BYPASS DEVELOPMENT SITE BOUNDARY
- BAT STATIC LOCATION
- BAT TRANSECT

BAT TRANSECT RESULTS MAY
SPECIES

- ▲ BARBASTELLE
- ▲ COMMON PIPISTRELLE
- ▲ COMMON PIPISTRELLE AND BIG
- ▲ MYOTIS SPP.
- ▲ NYCTALUS SPP.
- ▲ SOPRANO PIPISTRELLE

BAT TRANSECT RESULTS JUNE
SPECIES

- BIG BAT
- BROWN LONG-EARED
- COMMON PIPISTRELLE
- MYOTIS SPP.
- NOCTULE
- NYCTALUS SPP.
- SEROTINE
- SOPRANO AND COMMON PIP, BIG
- SOPRANO PIPISTRELLE
- UNKNOWN SPECIES

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BAT ACTIVITY SURVEY RESULTS FOR TWO VILLAGE BYPASS
SHEET 1 OF 3

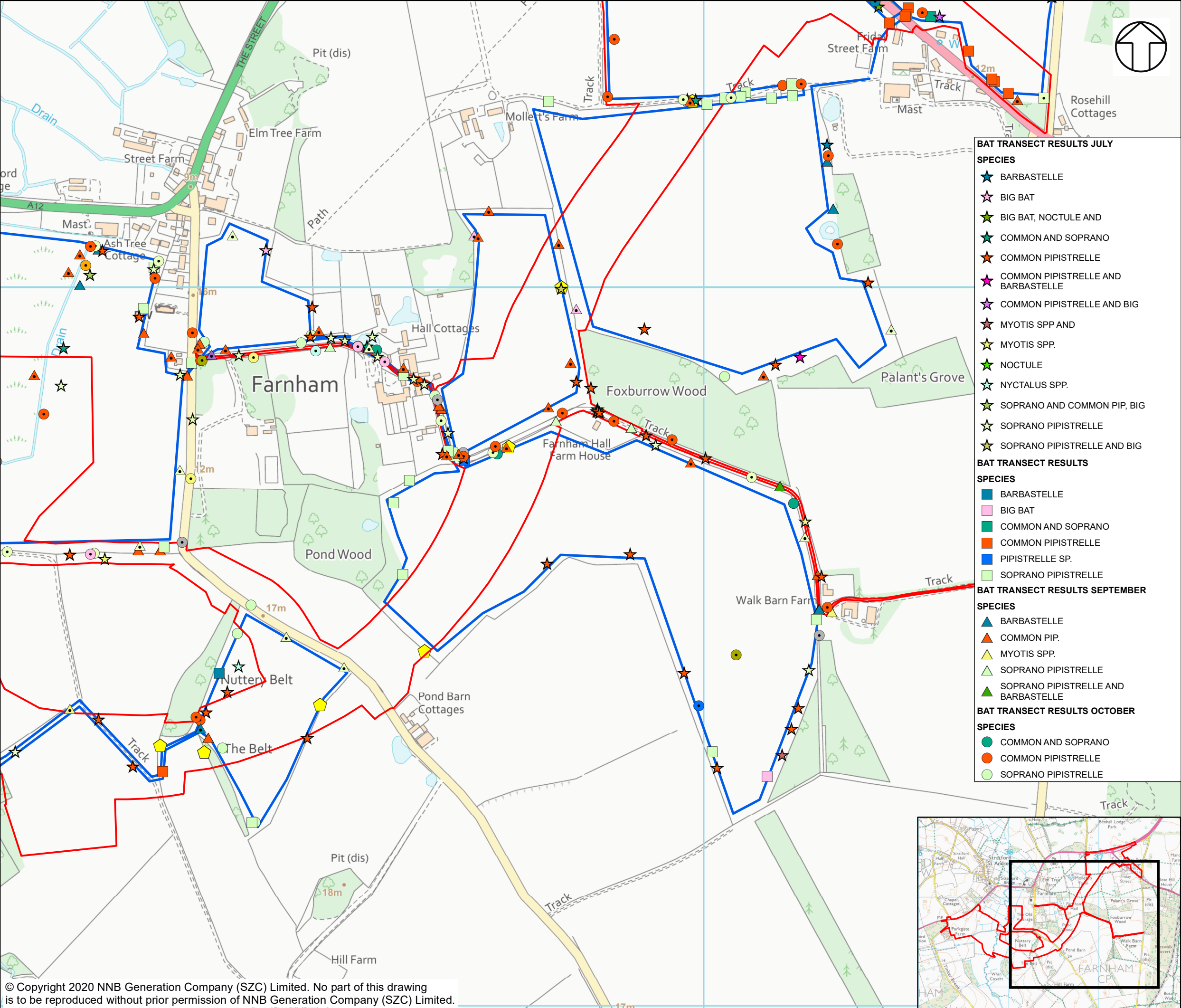
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FIGURE 7.9

DATE: <p>JAN 2020</p>	DRAWN: <p>R.G.</p>	SCALE: <p>1:5,000 @A3</p>
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SCALE BAR

0 50 100 150 200 M



NOTES

KEY

- TWO VILLAGE BYPASS DEVELOPMENT SITE BOUNDARY
- BAT STATIC LOCATION
- BAT TRANSECT
- BAT TRANSECT RESULTS APRIL
- SPECIES
 - SOPRANO PIPISTRELLE
- BAT TRANSECT RESULTS MAY
- SPECIES
 - BARBASTELLE
 - BIG BAT
 - COMMON PIPISTRELLE
 - COMMON PIPISTRELLE AND BIG BAT
 - MYOTIS SPP.
 - SOPRANO PIPISTRELLE
- BAT TRANSECT RESULTS JUNE
- SPECIES
 - BARBASTELLE
 - BIG BAT
 - COMMON PIPISTRELLE
 - MYOTIS SPP.
 - NYCTALUS SPP.
 - PIPISTRELLE SP.
 - SEROTINE
 - SOPRANO AND COMMON PIP, BIG BAT
 - SOPRANO PIPISTRELLE
 - UNKNOWN SPECIES

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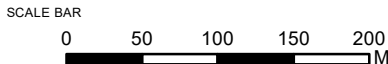


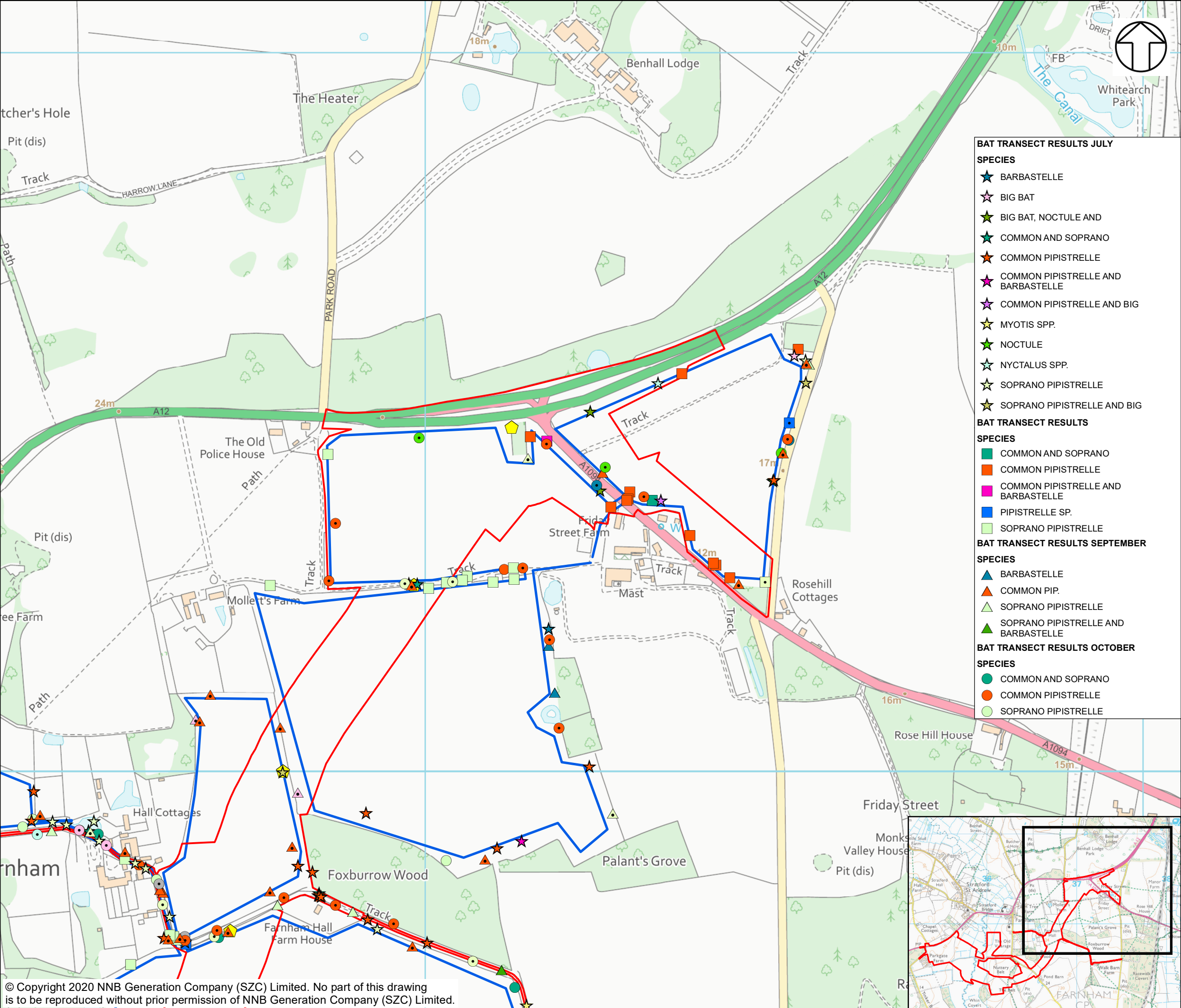
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TERRESTRIAL ECOLOGY AND ORNITHOLOGY

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BAT ACTIVITY SURVEY RESULTS FOR TWO
VILLAGE BYPASS
SHEET 2 OF 3

DRAWING NO:
FIGURE 7.10

DATE: JAN 2020
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SCALE: 1:5,000 @A3





NOTES

KEY

- TWO VILLAGE BYPASS DEVELOPMENT SITE BOUNDARY
- BAT STATIC LOCATION
- BAT TRANSECT

BAT TRANSECT RESULTS APRIL

- SPECIES
- PIPISTRELLE SP.
 - SOPRANO PIPISTRELLE

BAT TRANSECT RESULTS MAY

- SPECIES
- BIG BAT
 - COMMON PIPISTRELLE
 - SOPRANO PIPISTRELLE

BAT TRANSECT RESULTS JUNE

- SPECIES
- BARBASTELLE
 - BIG BAT
 - COMMON PIPISTRELLE
 - NOCTULE
 - NYCTALUS SPP.
 - SEROTINE
 - SOPRANO PIPISTRELLE
 - UNKNOWN SPECIES

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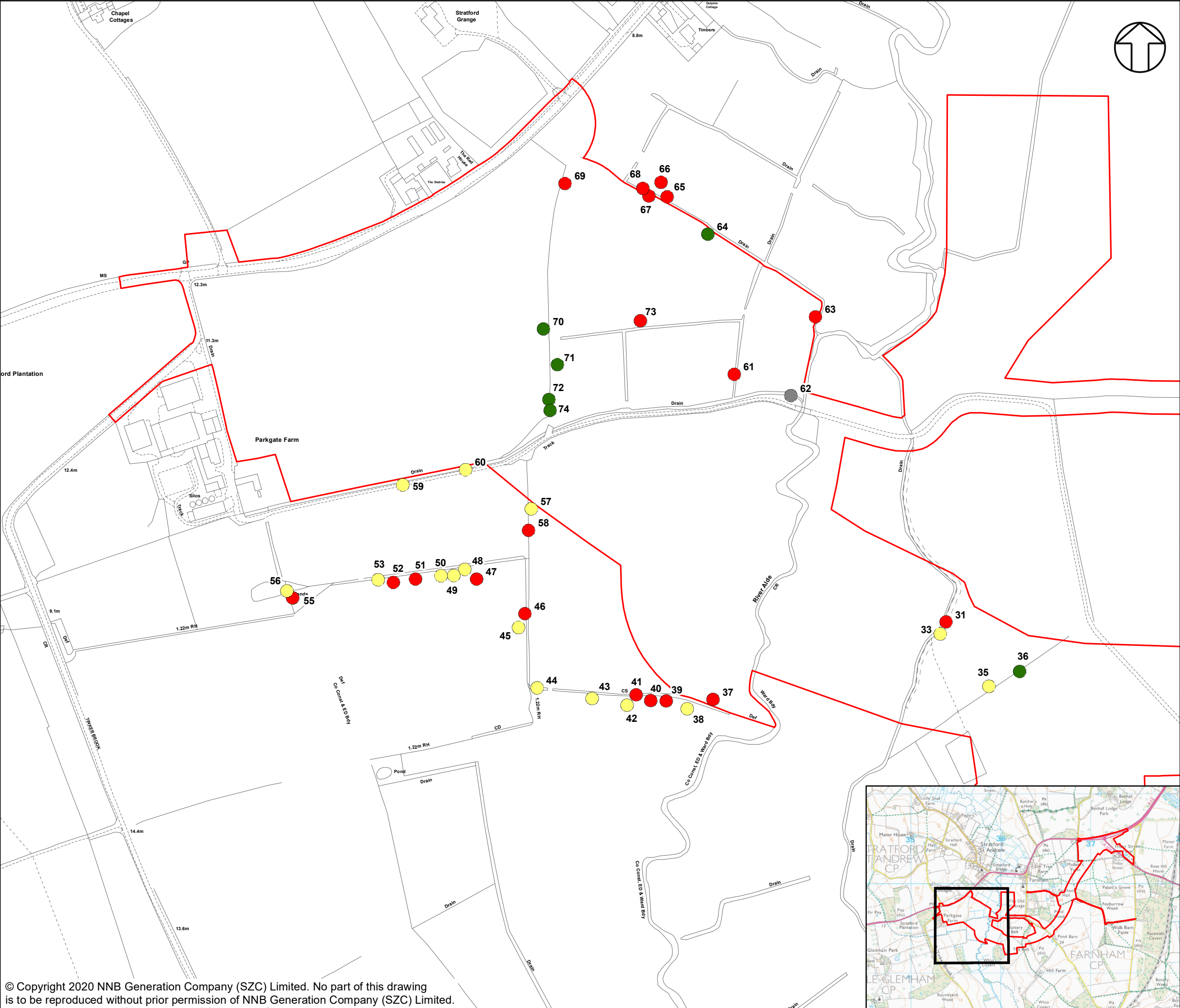
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BAT ACTIVITY SURVEY RESULTS FOR TWO
VILLAGE BYPASS
SHEET 3 OF 3

DRAWING NO:
FIGURE 7.11

DATE: JAN 2020 DRAWN: R.G. SCALE: 1:5,000 @A3





NOTES

KEY

TWO VILLAGE BYPASS DEVELOPMENT SITE BOUNDARY

ROOST POTENTIAL CLASSIFICATION

- HIGH POTENTIAL
- MEDIUM POTENTIAL
- LOW POTENTIAL
- NEGLIGIBLE POTENTIAL

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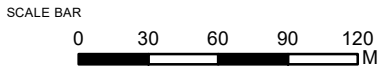


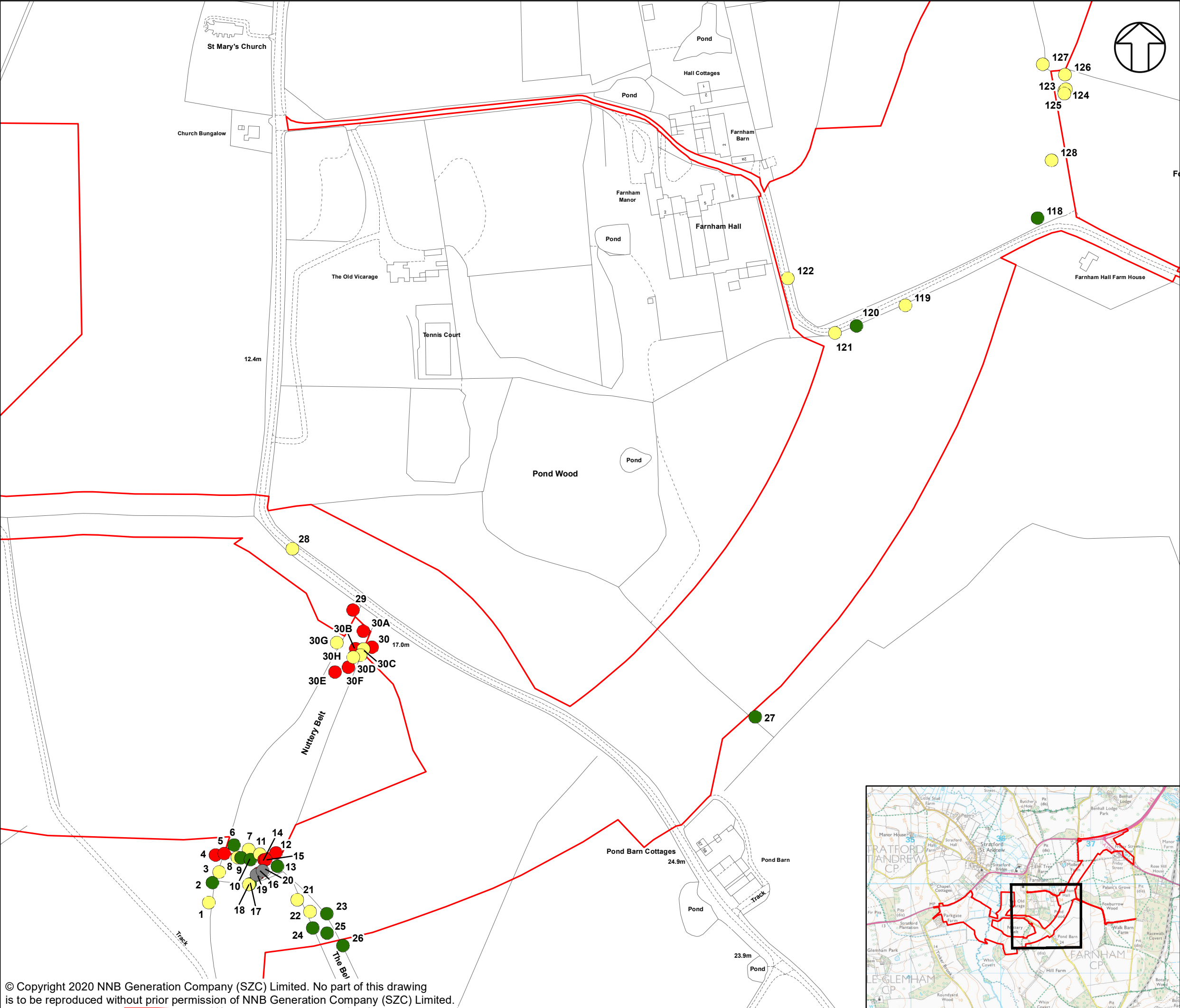
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BAT TREE SURVEY RESULTS FOR
TWO VILLAGE BYPASS SHEET 1 OF 3

DRAWING NO:
FIGURE 7.12

DATE: JAN 2020	DRAWN: R.G.	SCALE: 1:3,250 @A3
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NOTES

KEY

TWO VILLAGE BYPASS DEVELOPMENT SITE BOUNDARY

ROOST POTENTIAL CLASSIFICATION

- HIGH POTENTIAL
- MEDIUM POTENTIAL
- LOW POTENTIAL
- NEGLIGIBLE POTENTIAL

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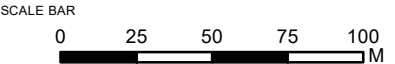


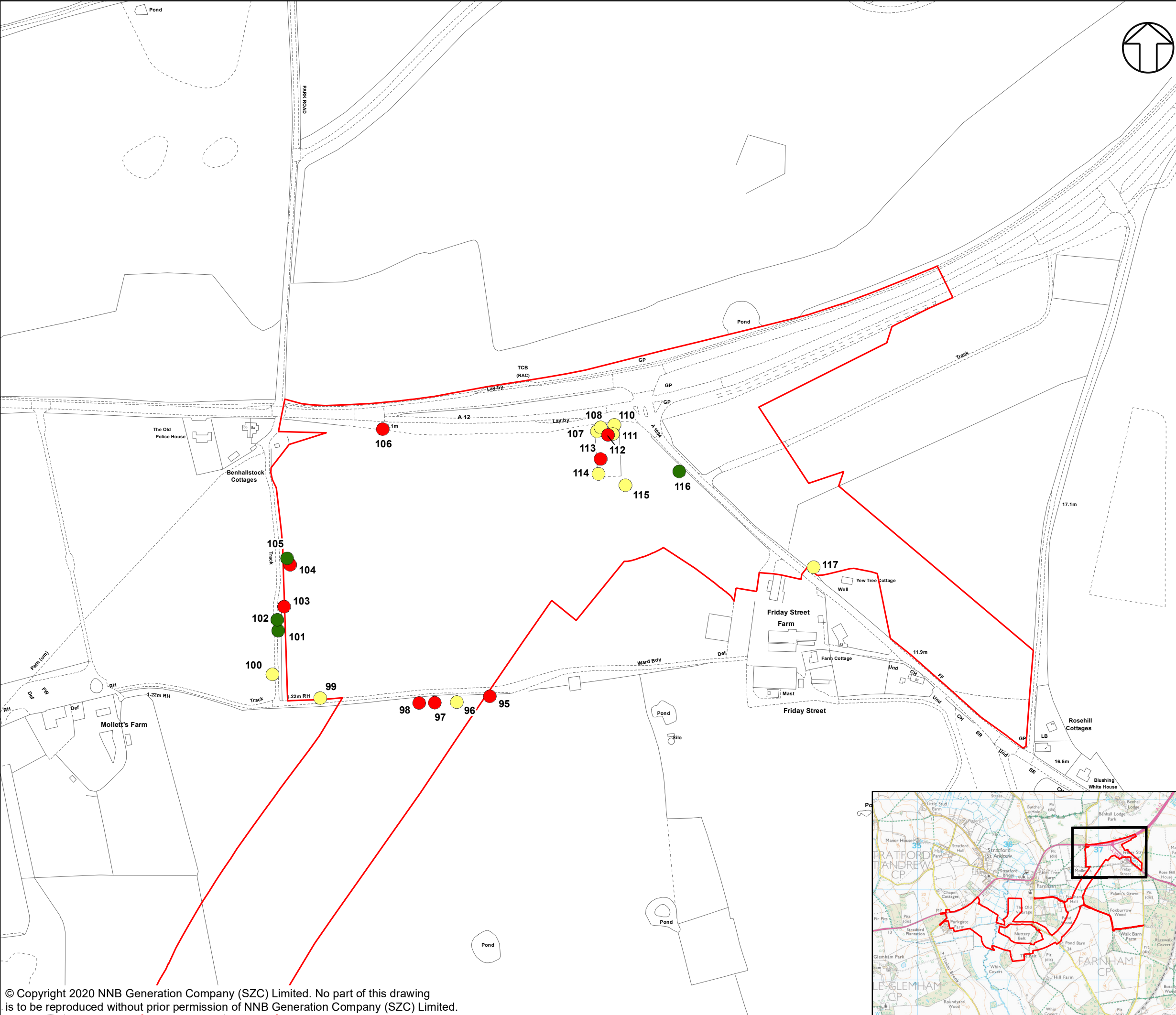
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BAT TREE SURVEY RESULTS FOR
TWO VILLAGE BYPASS SHEET 2 OF 3

DRAWING NO:
FIGURE 7.13

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NOTES

KEY

- TWO VILLAGE BYPASS DEVELOPMENT SITE BOUNDARY
- ROOST POTENTIAL CLASSIFICATION
 - HIGH POTENTIAL
 - MEDIUM POTENTIAL
 - LOW POTENTIAL

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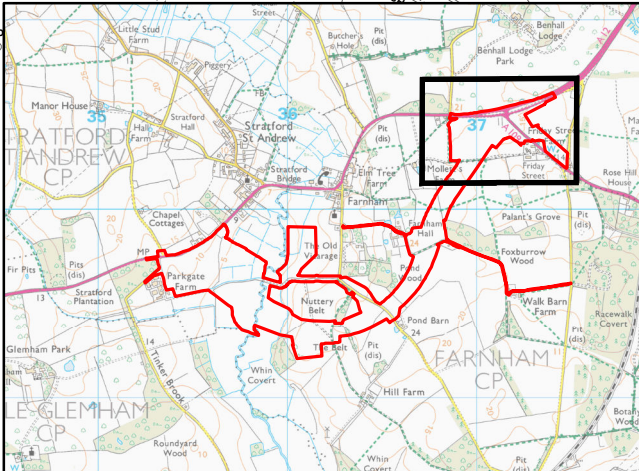
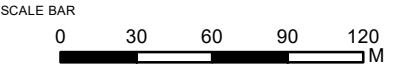


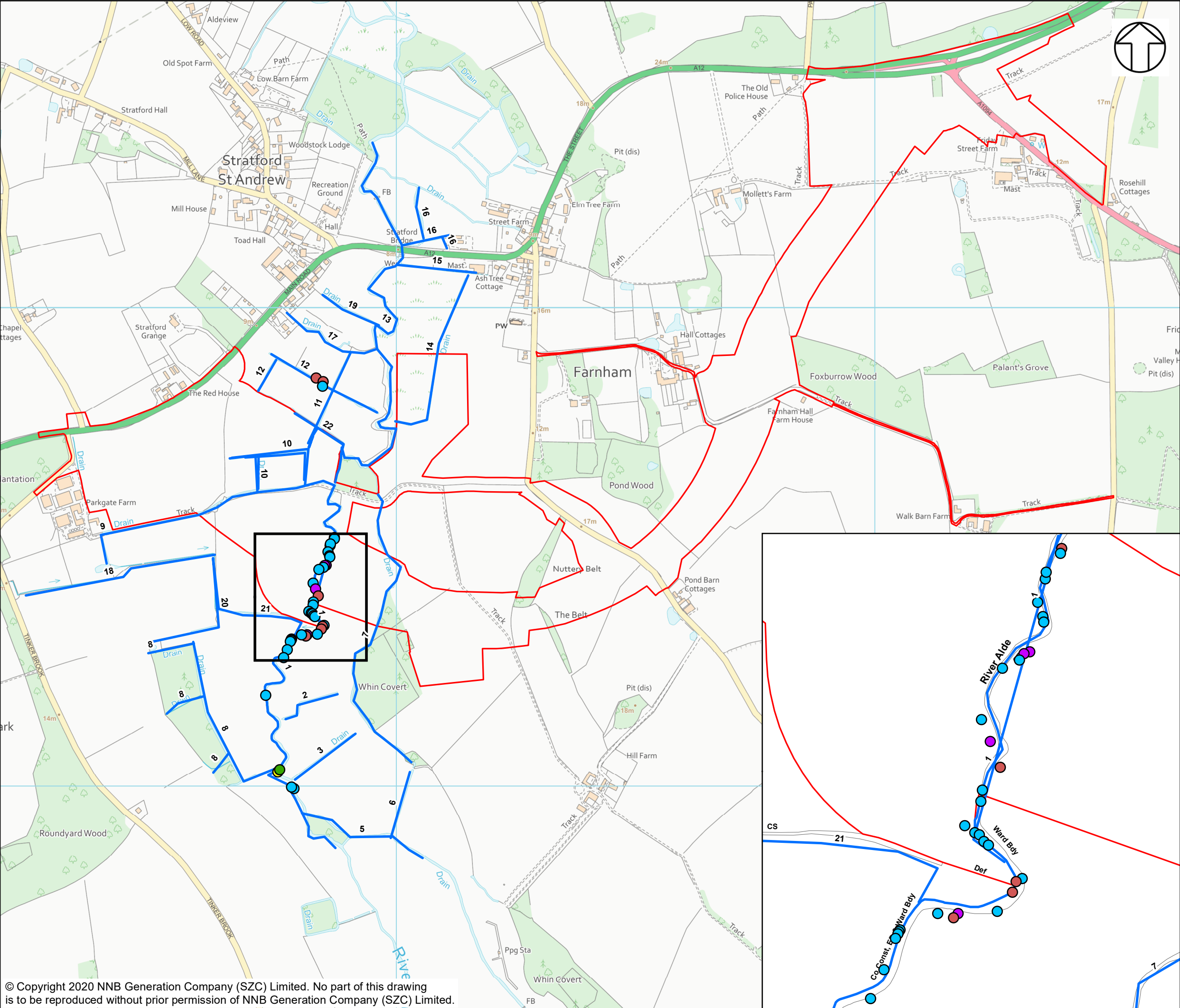
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BAT TREE SURVEY RESULTS FOR
TWO VILLAGE BYPASS SHEET 3 OF 3

DRAWING NO:
FIGURE 7.14

DATE: JAN 2020 DRAWN: R.G. SCALE: 1:3,000 @A3





- NOTES**
- KEY**
- TWO VILLAGE BYPASS DEVELOPMENT SITE BOUNDARY
 - WATER VOLE FIELD SIGNS**
 - BURROW
 - FEEDING SIGN
 - LATRINE
 - SINGLE DROPPING
 - OTTER FIELD SIGNS**
 - FOOTPRINT
 - WATERCOURSE
 - 1 WATERCOURSE NUMBER

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OTTER AND WATER VOLE SURVEY RESULTS
FOR TWO VILLAGE BYPASS

DRAWING NO:
FIGURE 7.15

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