



The Sizewell C Project

5.1 Consultation Report Appendix E.4 - Part 1 of 2 Part E: Stage Three Pre-Application Consultation

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

May 2020

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





Appendix E.4 Stage 3 Pre-Application Consultation Document:
Volume 3 – Preliminary Environmental Information
Figures (January 2019)



Volume 3

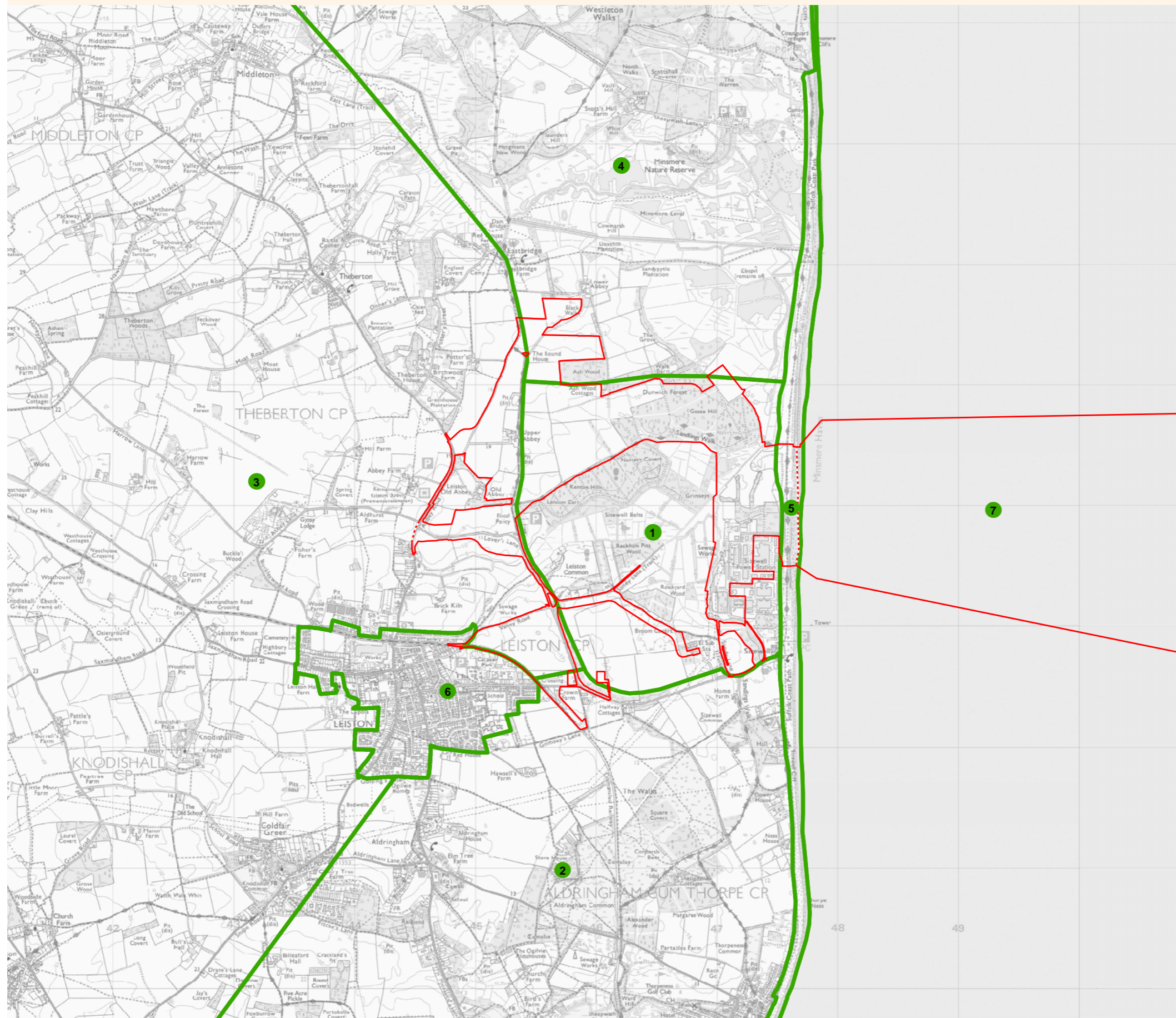
Preliminary Environmental Information Figures

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12. Highway Improvement PEI Figures



Figure 2.4.2 Amenity and recreation resources receptor assessment areas



NOTES

KEY

- MAIN DEVELOPMENT SITE BOUNDARY
- - - DEMARCATION LINE
- ▭ MAIN DEVELOPMENT SITE RECEPTOR ASSESSMENT AREAS

- AREA 1, LEISTON COMMON AND KENTON HILLS
- AREA 2, SOUTH
- AREA 3, WEST
- AREA 4, NORTH
- AREA 5, BEACH
- AREA 6, LEISTON
- AREA 7, OFFSHORE

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DOCUMENT:
 SIZEWELL C
 VOLUME 3 PEI FIGURES
 CHAPTER 2
 MAIN DEVELOPMENT SITE PEI
 AMENITY AND RECREATION

DRAWING TITLE:
 AMENITY AND RECREATION RESOURCES
 RECEPTOR ASSESSMENT AREAS

DRAWING NO:
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DATE: NOV 2018 DRAWN: V.W. SCALE: 1:30,000 @A3

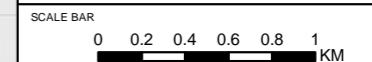
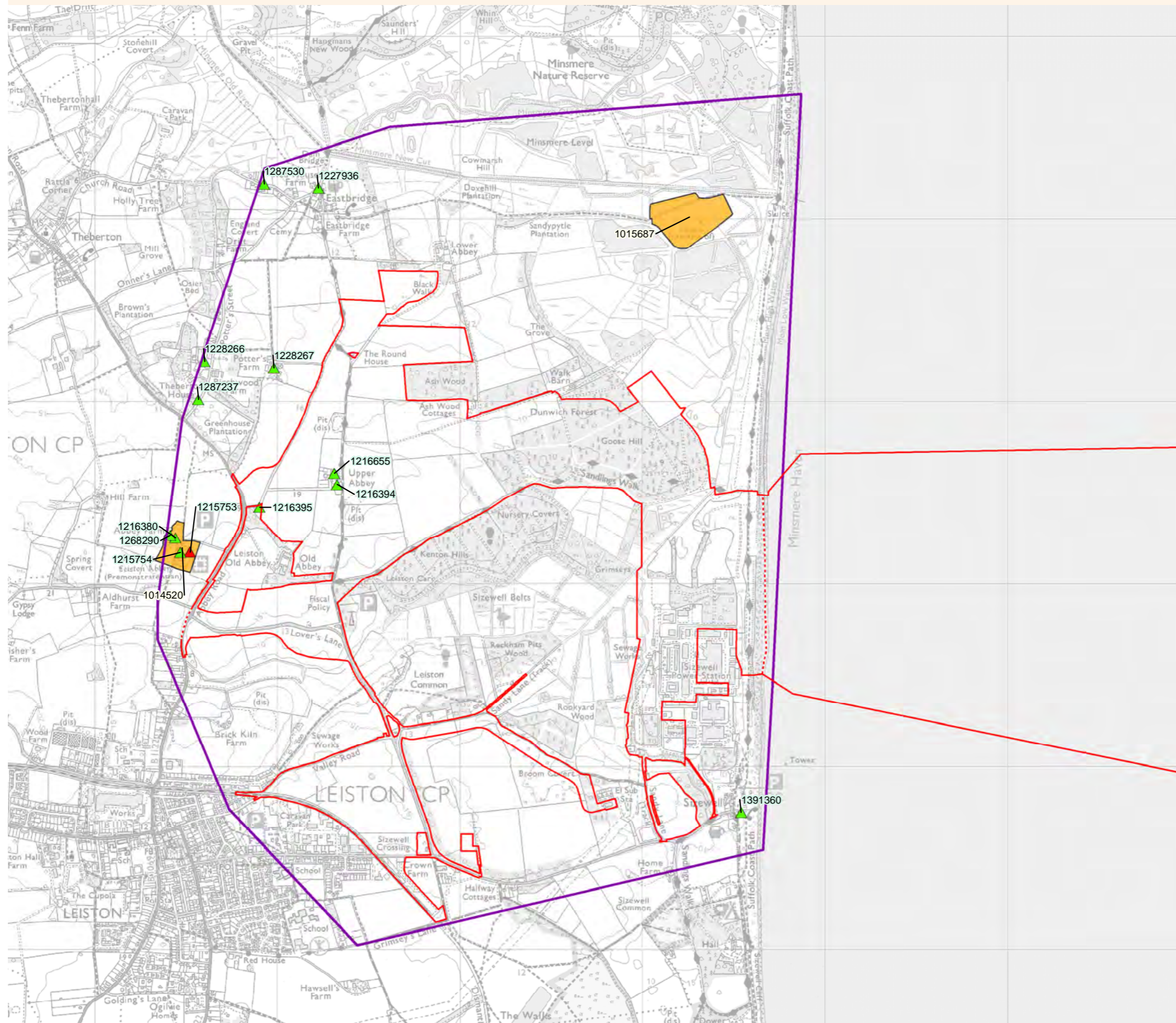


Figure 2.5.1 Designated heritage assets



NOTES

KEY

- MAIN DEVELOPMENT SITE BOUNDARY
- - - DEMARCATION LINE
- SUFFOLK COUNTY COUNCIL STUDY AREA
- ▲ GRADE I LISTED BUILDING
- ▲ GRADE II LISTED BUILDING
- SCHEDULED MONUMENT

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DOCUMENT:
SIZEWELL C
VOLUME 3 PEI FIGURES
CHAPTER 2
MAIN DEVELOPMENT SITE PEI
TERRESTRIAL HISTORIC ENVIRONMENT

DRAWING TITLE:
DESIGNATED HERITAGE ASSETS

DRAWING NO:
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DATE: NOV 2018 DRAWN: J.P. SCALE: 1:20,000 @A3

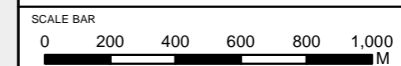
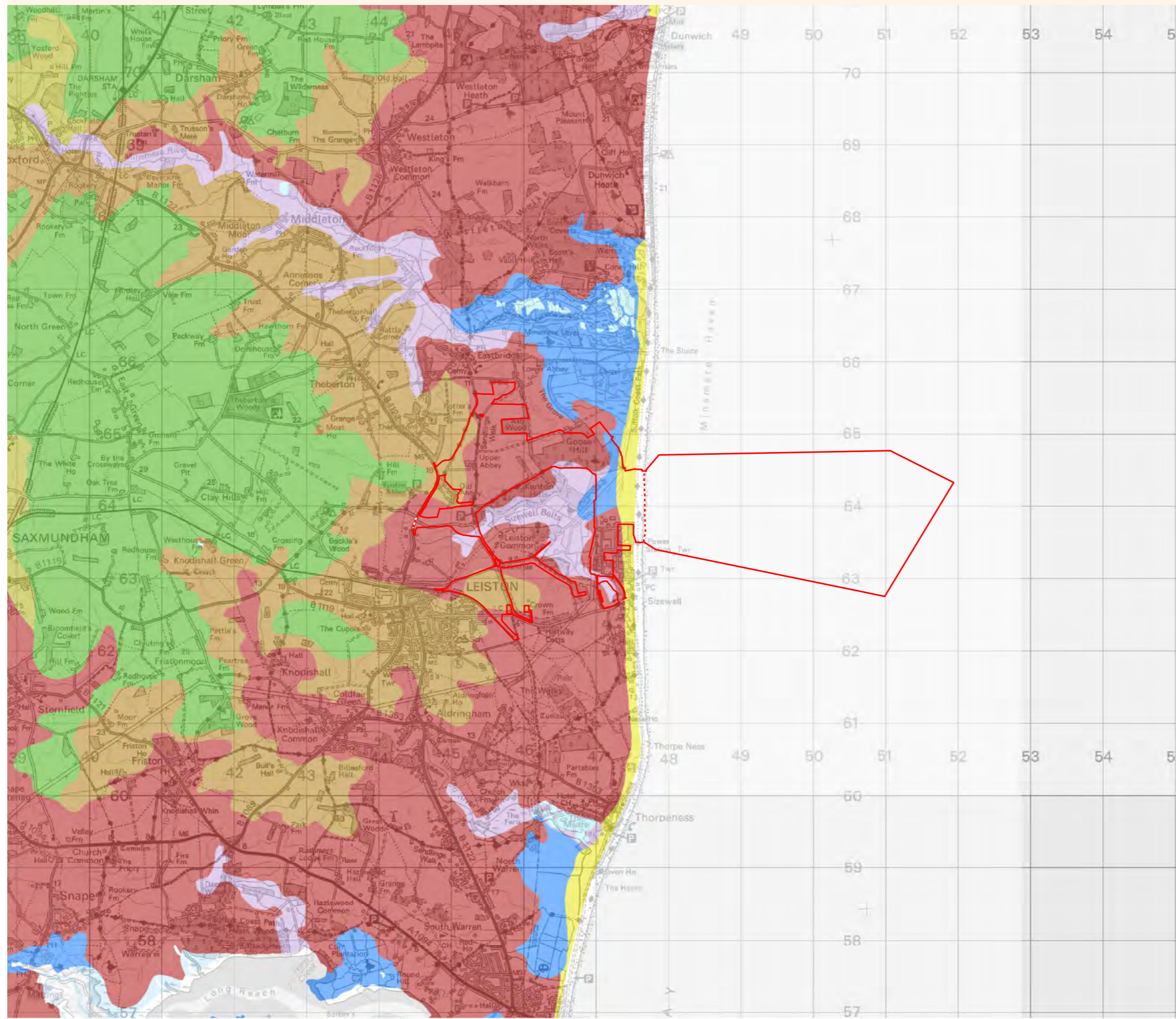


Figure 2.6.1 Soilscape mapping



NOTES

KEY

- MAIN DEVELOPMENT SITE BOUNDARY
- - - DEMARCATION LINE
- SLOWLY PERMEABLE SEASONALLY WET SLIGHTLY ACID BUT BASE-RICH LOAMY AND CLAYEY SOILS
- FREELY DRAINING SLIGHTLY ACID BUT BASE-RICH SOILS
- FREELY DRAINING SLIGHTLY ACID SANDY SOILS
- FEN PEAT SOILS
- LOAMY AND CLAYEY SOILS OF COASTAL FLATS WITH NATURALLY HIGH GROUNDWATER
- LIME-RICH LOAMY AND CLAYEY SOILS WITH IMPEDED DRAINAGE
- SAND DUNE SOILS
- SALTMARSH SOILS
- WATER

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 SIZEWELL C
 VOLUME 3 PEI FIGURES
 CHAPTER 2
 MAIN DEVELOPMENT SITE PEI
 SOILS AND AGRICULTURE

DRAWING TITLE:
 SOILSCAPE MAPPING

DRAWING NO:
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DATE: NOV 2018 DRAWN: M.S. SCALE: 1:50,000 @A3

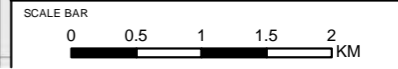
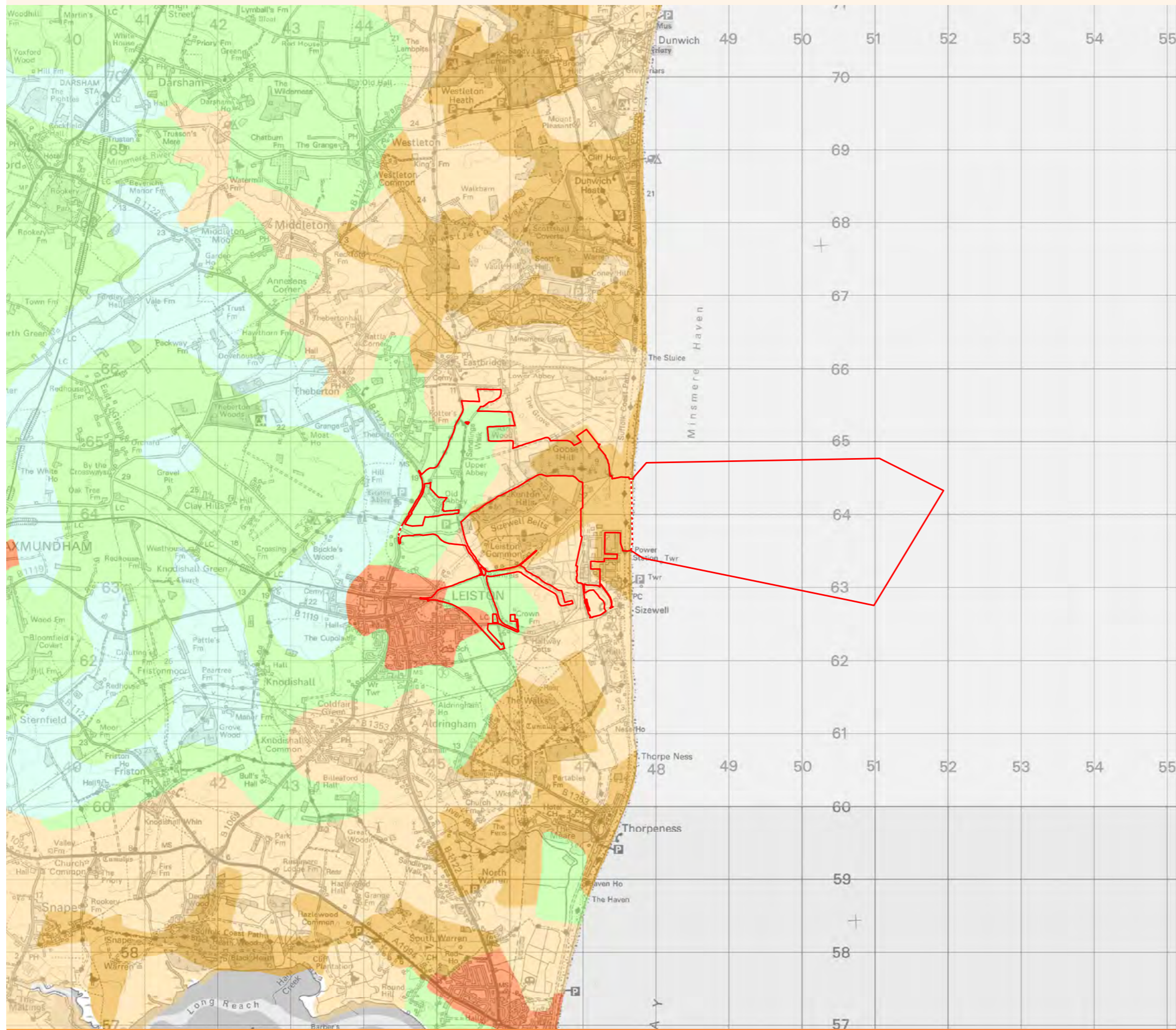


Figure 2.6.2 Provisional ALC mapping



NOTES

KEY

- MAIN DEVELOPMENT SITE BOUNDARY
- - - DEMARCATION LINE
- PROVISIONAL AGRICULTURAL LAND CLASSIFICATION ALC**
- GRADE**
- GRADE 1
- GRADE 2
- GRADE 3
- GRADE 4
- GRADE 5
- NON AGRICULTURAL
- URBAN

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 VOLUME 3 PEI FIGURES
 CHAPTER 2
 MAIN DEVELOPMENT SITE PEI
 SOILS AND AGRICULTURE

DRAWING TITLE:
 PROVISIONAL ALC MAPPING

DRAWING NO:
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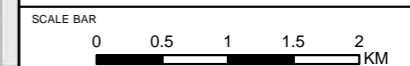
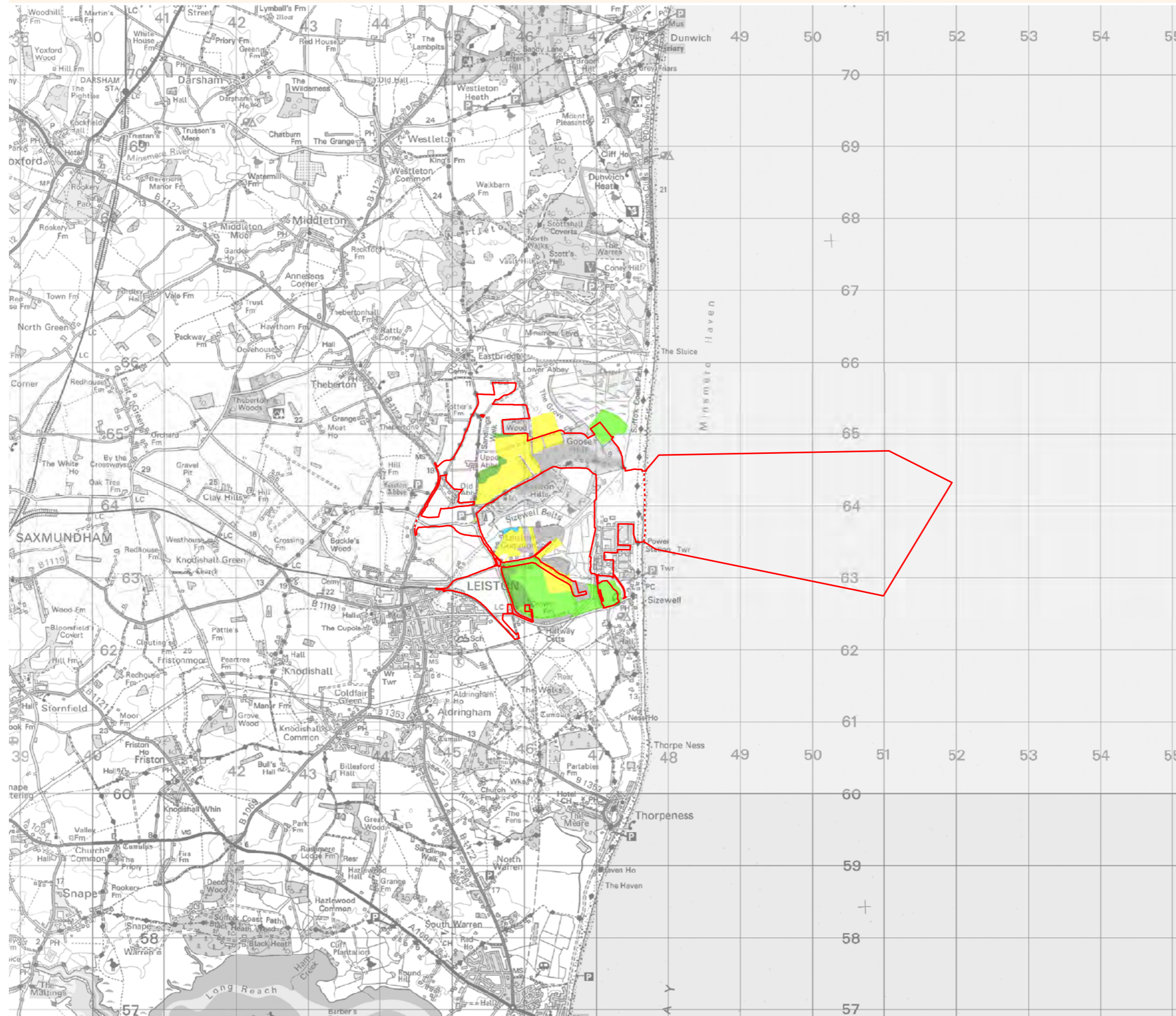


Figure 2.6.3 Post 1988 ALC mapping



NOTES

KEY

- MAIN DEVELOPMENT SITE BOUNDARY
- - - - DEMARCATION LINE
- AGRICULTURAL LAND CLASSIFICATION (ALC) POST 1988 SURVEY**
- GRADE**
- GRADE 1
- GRADE 2
- GRADE 3A
- GRADE 3B
- GRADE 4
- GRADE 5
- NOT SURVEYED
- OTHER

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 MAIN DEVELOPMENT SITE PEI
 SOILS AND AGRICULTURE

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 POST 1988 ALC MAPPING

DRAWING NO.
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DATE: NOV 2018 DRAWN: M.S. SCALE: 1:50,000 @A3

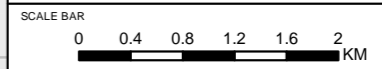


Figure 2.6.4 Agri-environment schemes

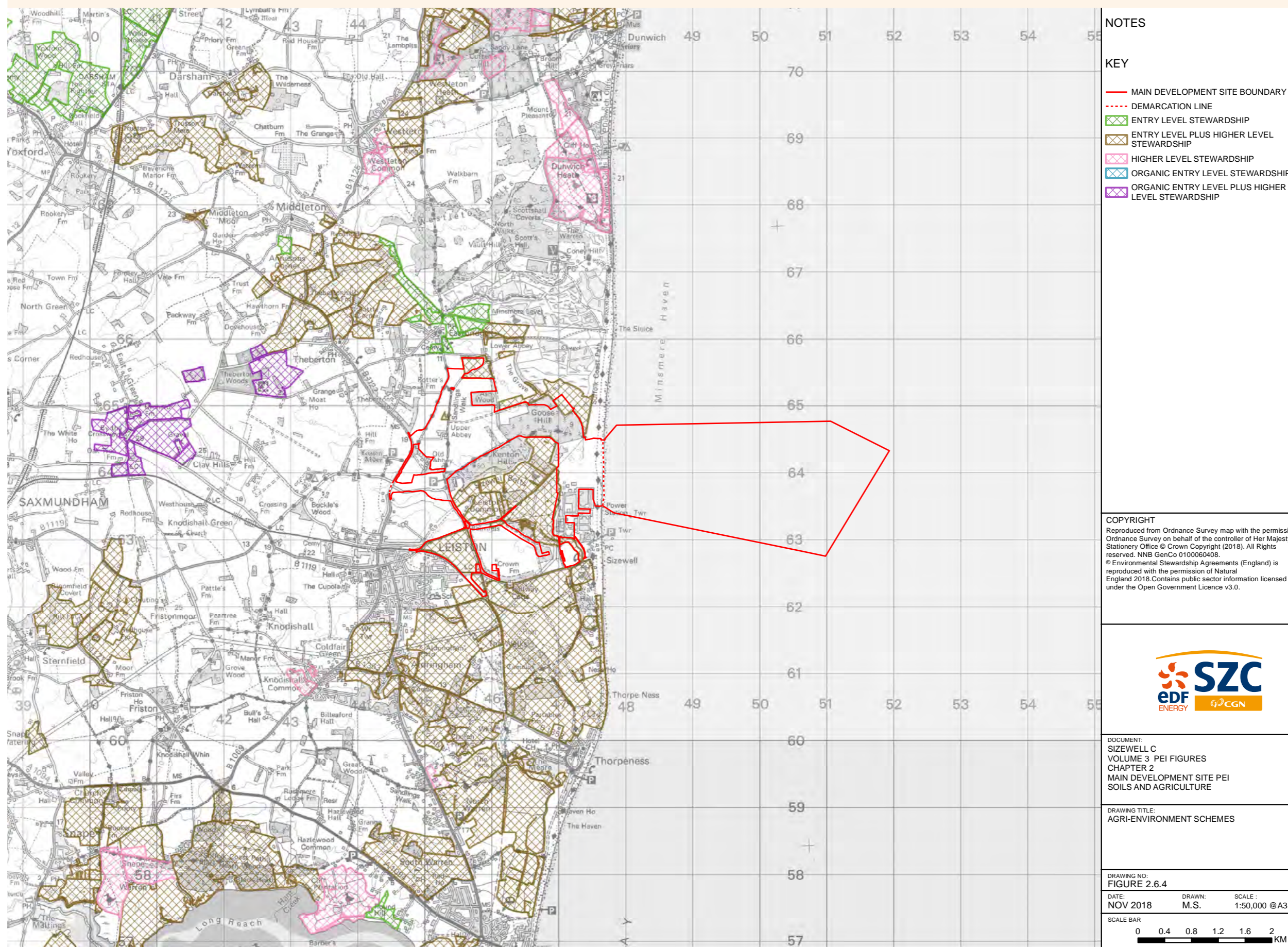
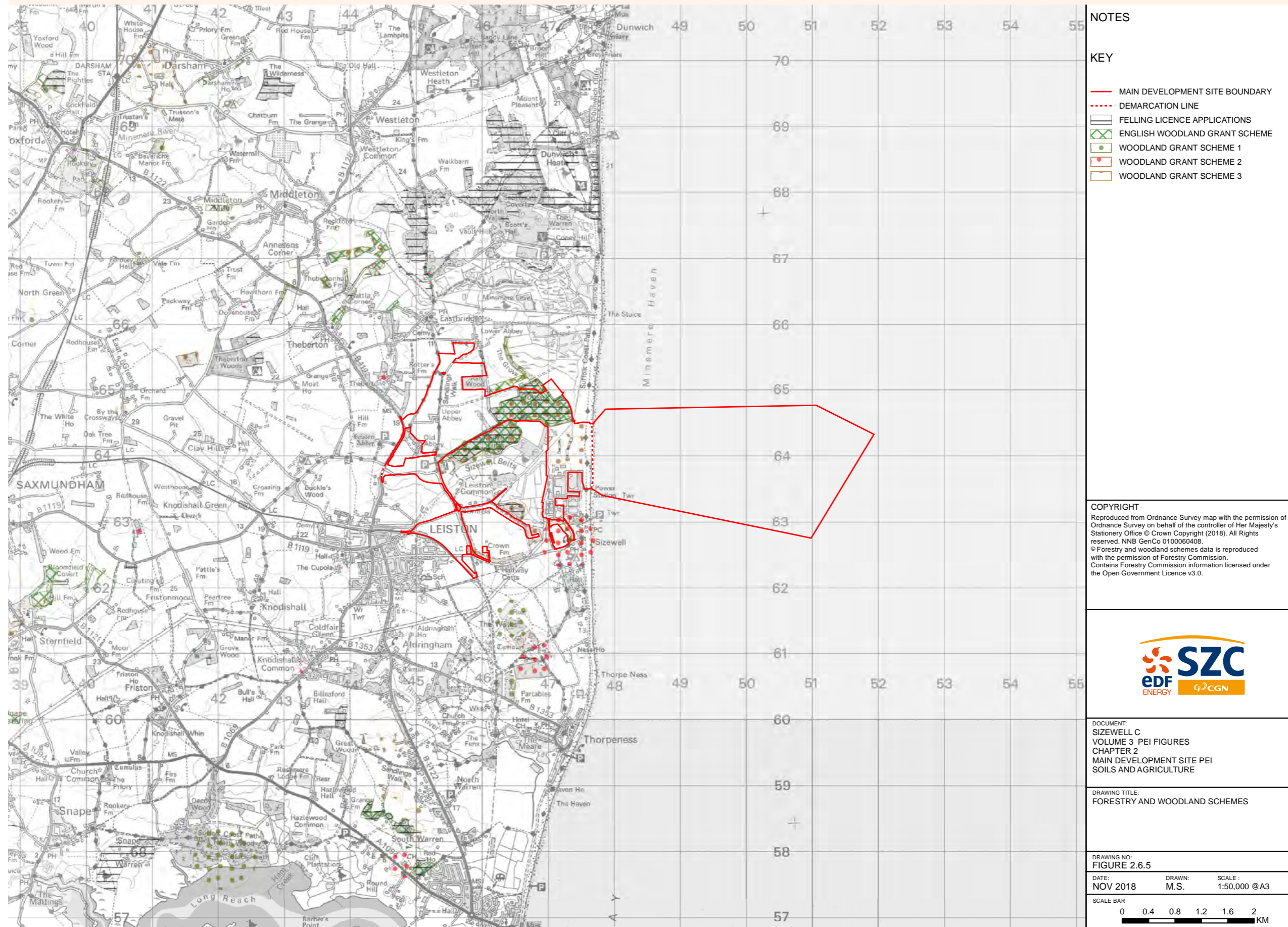


Figure 2.6.5 Forestry and woodland schemes



NOTES

KEY

- MAIN DEVELOPMENT SITE BOUNDARY
- - - - DEMARCATIION LINE
- ▨ FELLING LICENCE APPLICATIONS
- ENGLISH WOODLAND GRANT SCHEME
- WOODLAND GRANT SCHEME 1
- WOODLAND GRANT SCHEME 2
- WOODLAND GRANT SCHEME 3

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 VOLUME 3 PEI FIGURES
 CHAPTER 2
 MAIN DEVELOPMENT SITE PEI
 SOILS AND AGRICULTURE

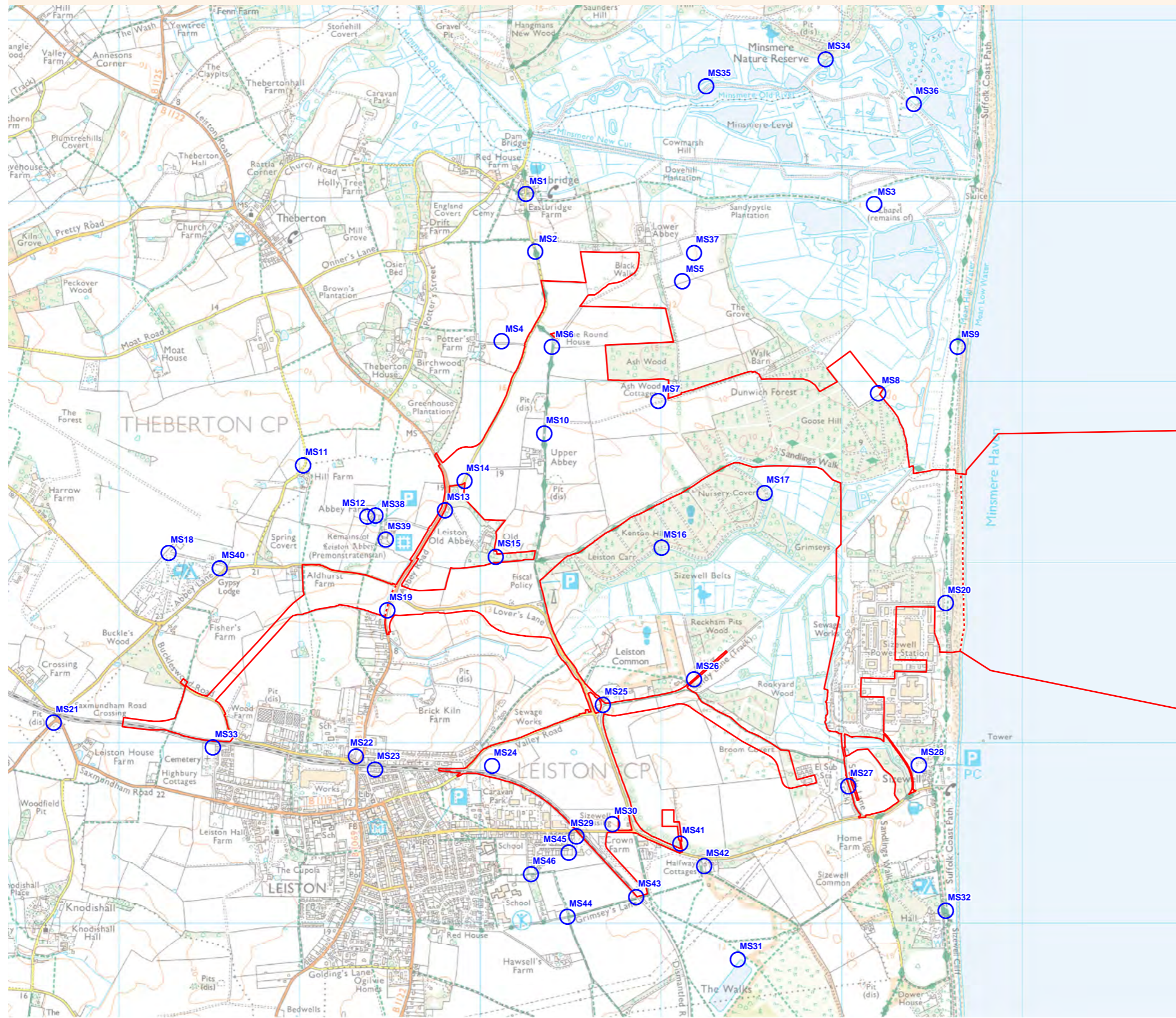
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DRAWING NO:
 FIGURE 2.6.5

DATE: NOV 2018 **DRAWN:** M.S. **SCALE:** 1:50,000 @A3

SCALE BAR
 0 0.4 0.8 1.2 1.6 2 KM

Figure 2.7.1 Baseline noise survey locations



NOTES

KEY

- MAIN DEVELOPMENT SITE AND OFF-SITE ASSOCIATED DEVELOPMENT SITES BOUNDARY
- DEMARCATION LINE
- NOISE MONITORING LOCATION

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 SIZEWELL C
 VOLUME 3 PEI FIGURES
 CHAPTER 2
 MAIN DEVELOPMENT SITE PEI
 NOISE AND VIBRATION

DRAWING TITLE:
 BASELINE NOISE SURVEY LOCATIONS

DRAWING NO:
 FIGURE 2.7.1

DATE: NOV 2018 **DRAWN:** J.W. **SCALE:** 1:20,000 @A3

SCALE BAR
 0 0.2 0.4 0.6 0.8 1 KM

Figure 2.7.2 Noise receptor locations

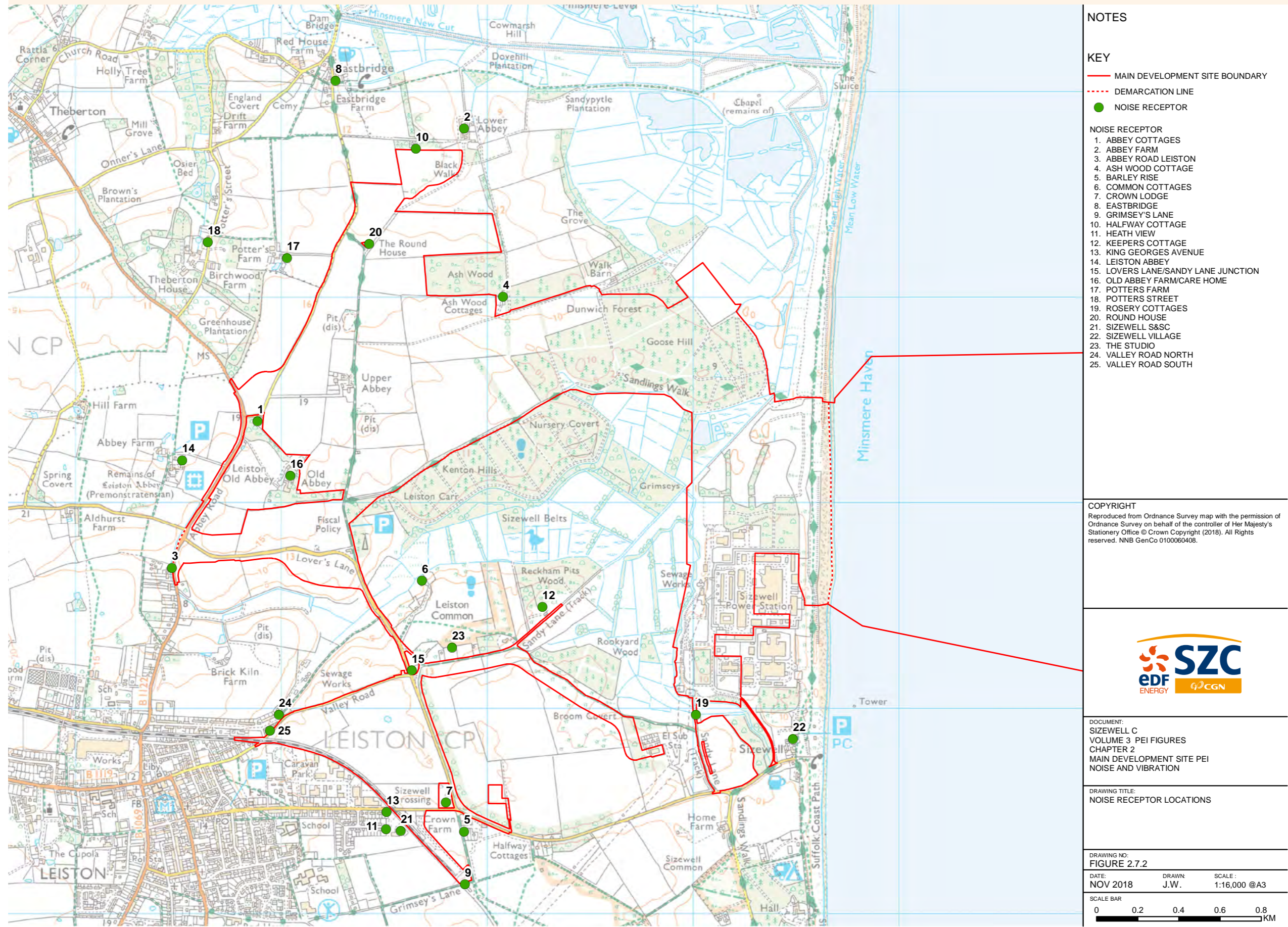


Figure 2.7.3 Construction noise phase 1

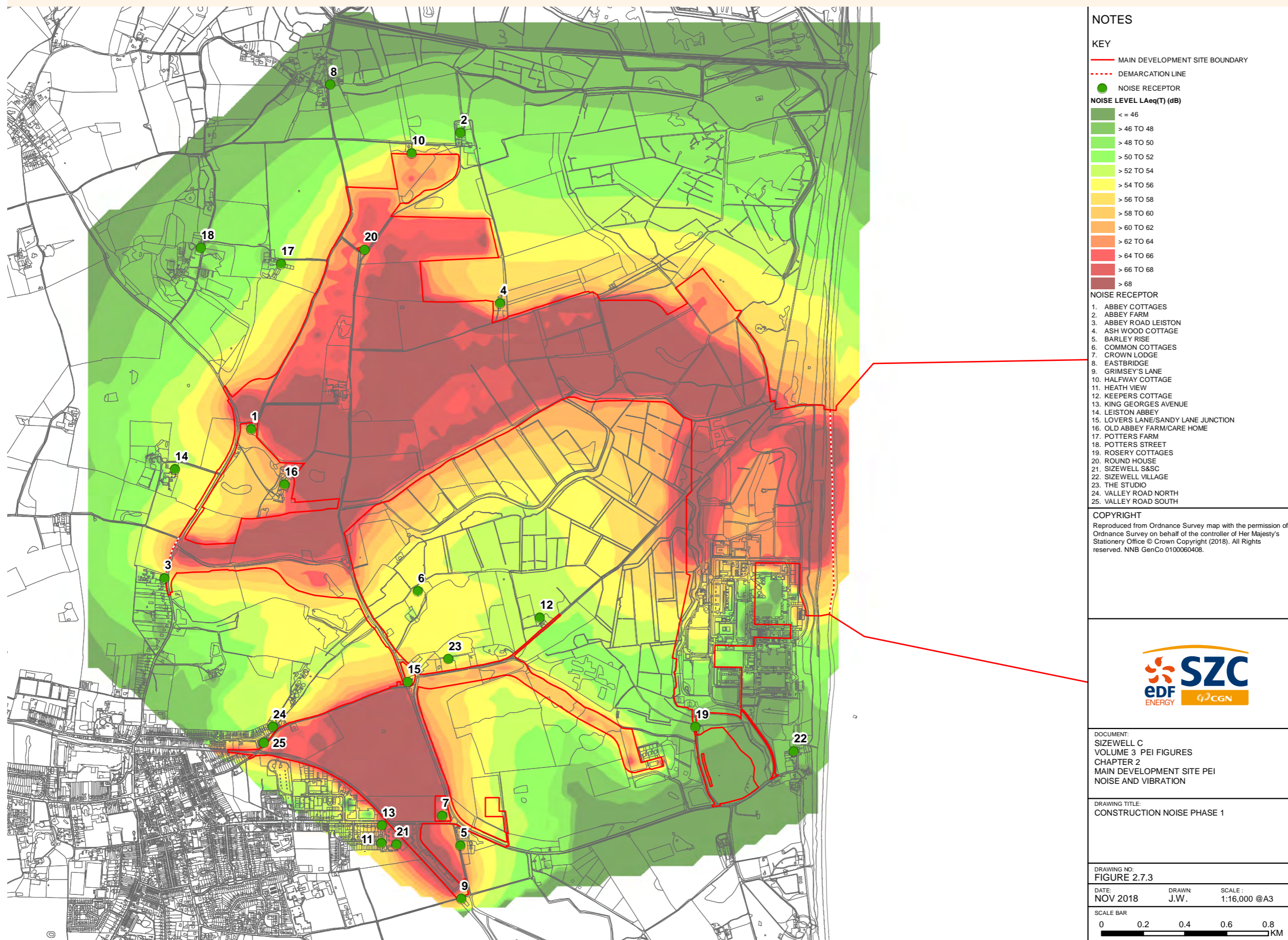
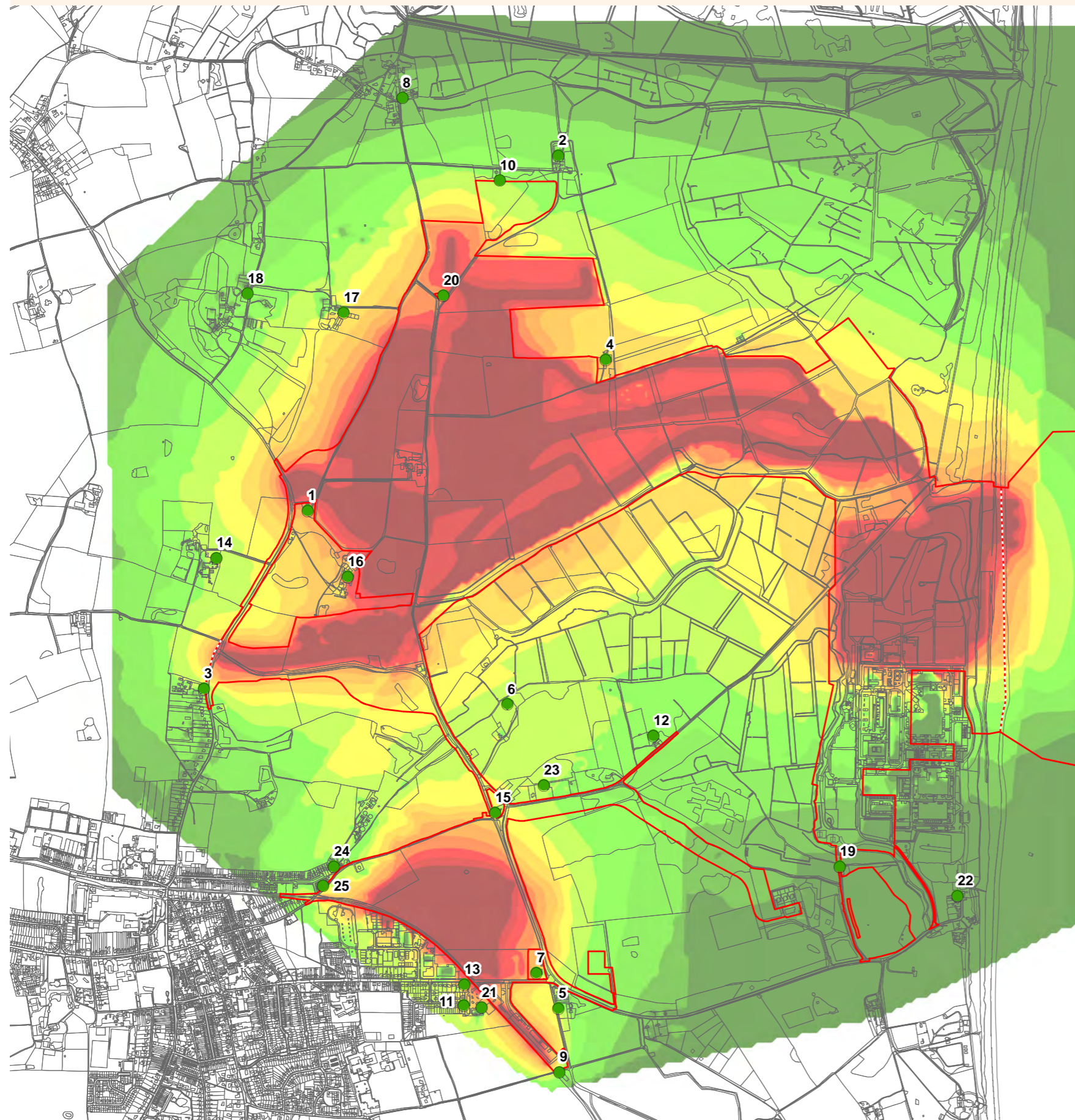


Figure 2.7.4 Construction noise phase 2



NOTES

KEY

— MAIN DEVELOPMENT SITE BOUNDARY

- - - DEMARCATION LINE

● NOISE RECEPTOR

NOISE LEVEL LAeq(T) (dB)

- <= 46
- > 46 TO 48
- > 48 TO 50
- > 50 TO 52
- > 52 TO 54
- > 54 TO 56
- > 56 TO 58
- > 58 TO 60
- > 60 TO 62
- > 62 TO 64
- > 64 TO 66
- > 66 TO 68
- > 68

NOISE RECEPTOR

1. ABBEY COTTAGES
2. ABBEY FARM
3. ABBEY ROAD LEISTON
4. ASH WOOD COTTAGE
5. BARLEY RISE
6. COMMON COTTAGES
7. CROWN LODGE
8. EASTBRIDGE
9. GRIMSEY'S LANE
10. HALFWAY COTTAGE
11. HEATH VIEW
12. KEEPERS COTTAGE
13. KING GEORGES AVENUE
14. LEISTON ABBEY
15. LOVERS LANE/SANDY LANE JUNCTION
16. OLD ABBEY FARM/CARE HOME
17. POTTERS FARM
18. POTTERS STREET
19. ROSERY COTTAGES
20. ROUND HOUSE
21. SIZEWELL S&S
22. SIZEWELL VILLAGE
23. THE STUDIO
24. VALLEY ROAD NORTH
25. VALLEY ROAD SOUTH

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 NOISE AND VIBRATION

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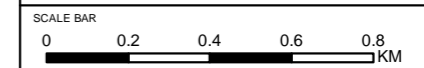


Figure 2.8.1 Air quality receptors

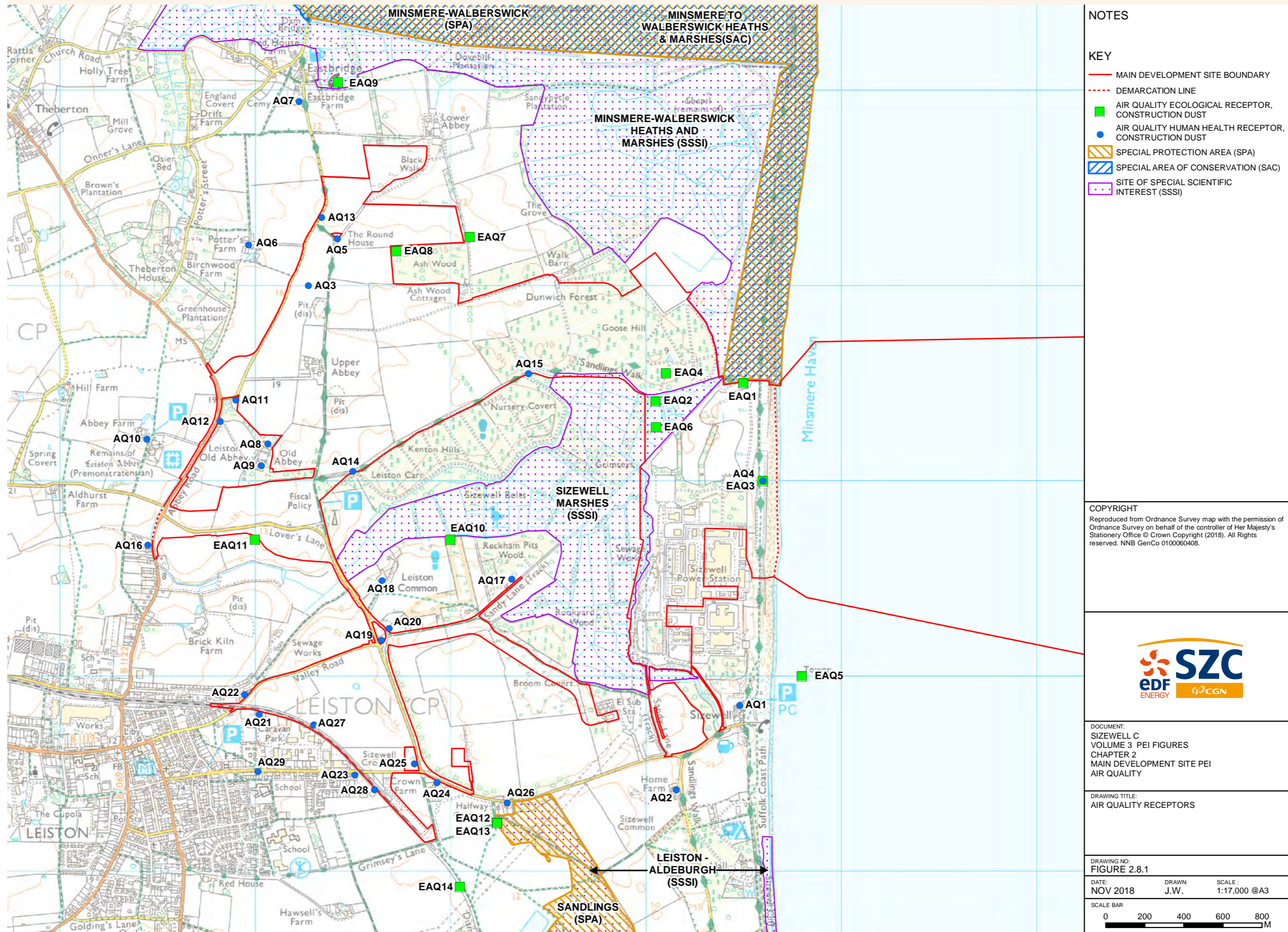


Figure 2.10.1 Groundwater level contours in crag aquifer during storm surge

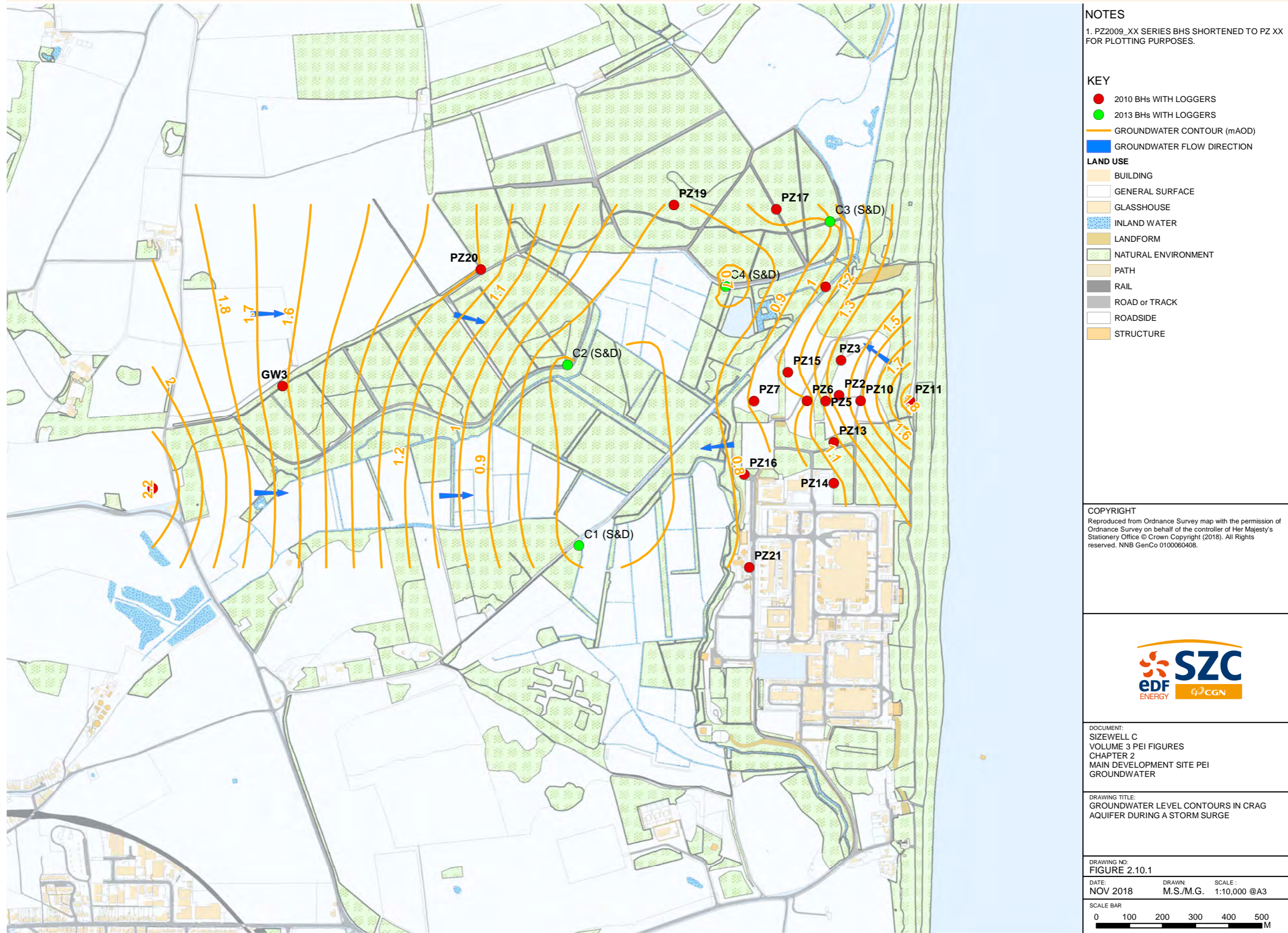
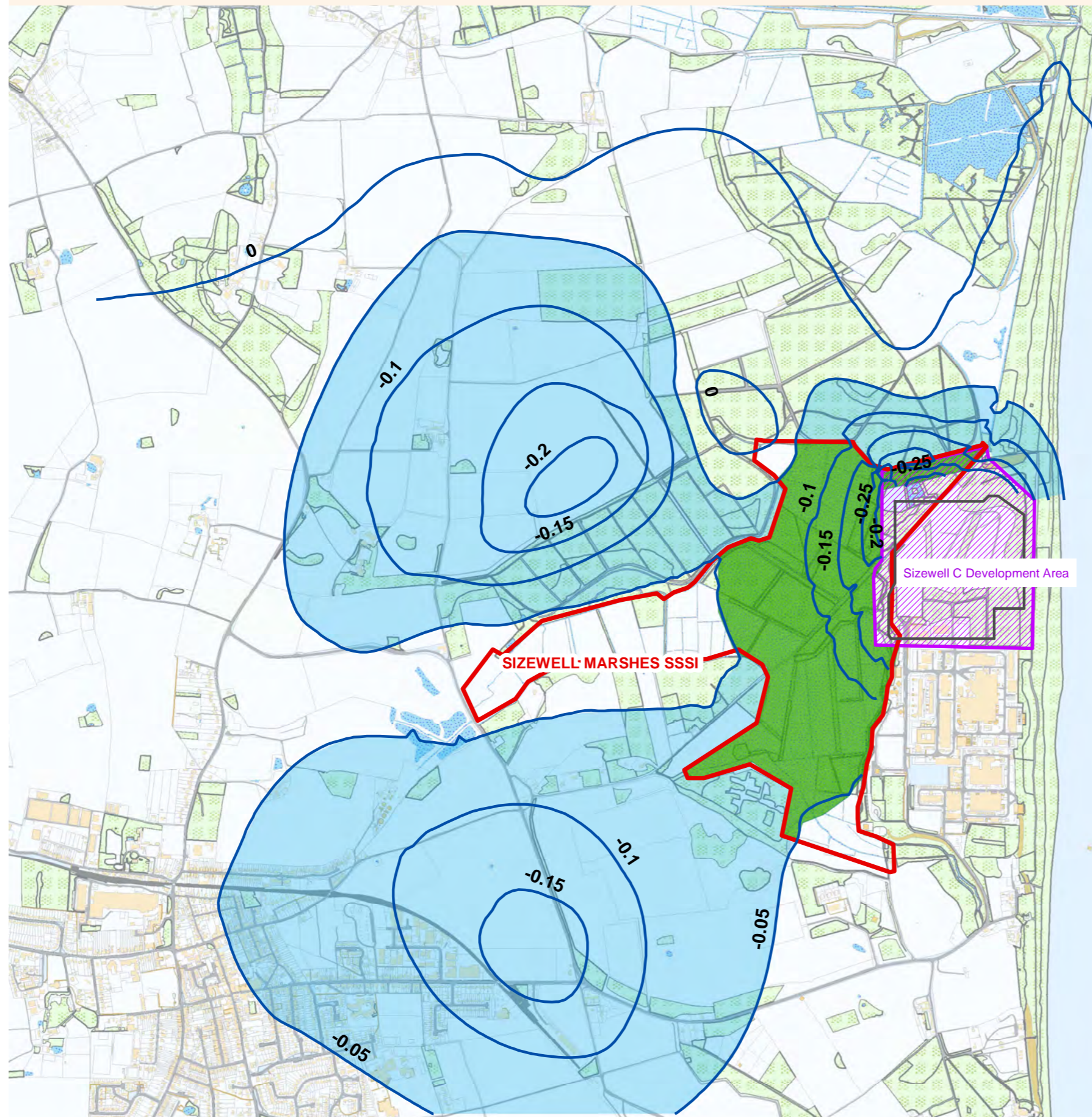


Figure 2.10.2 Zone of influence based on winter water levels



NOTES

CONTOURS ARE SHOWN IN 5CM INTERVALS WHERE WATER LEVELS HAVE DECREASED BY >5CM IN THE SCENARIO RUN COMPARED TO THE BASELINE MODEL.

KEY

- CONTOUR LINES
 - ▭ SZC CUTOFF WALL
 - ▭ SIZEWELL MARSHES SSSI
 - ▨ SZC DEVELOPMENT AREA
 - ZONE OF INFLUENCE
 - SHADED CONTOURS
- LAND USE**
- BUILDING
 - GENERAL SURFACE
 - GLASSHOUSE
 - INLAND WATER
 - LANDFORM
 - NATURAL ENVIRONMENT
 - PATH
 - RAIL
 - ROAD or TRACK
 - ROADSIDE
 - STRUCTURE

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 SIZEWELL C
 VOLUME 3 PEI FIGURES
 CHAPTER 2
 MAIN DEVELOPMENT SITE PEI
 GROUNDWATER

DRAWING TITLE:
 ZONE OF INFLUENCE
 BASED ON WINTER WATER LEVELS

DRAWING NO:
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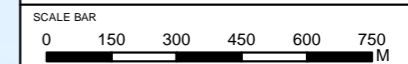
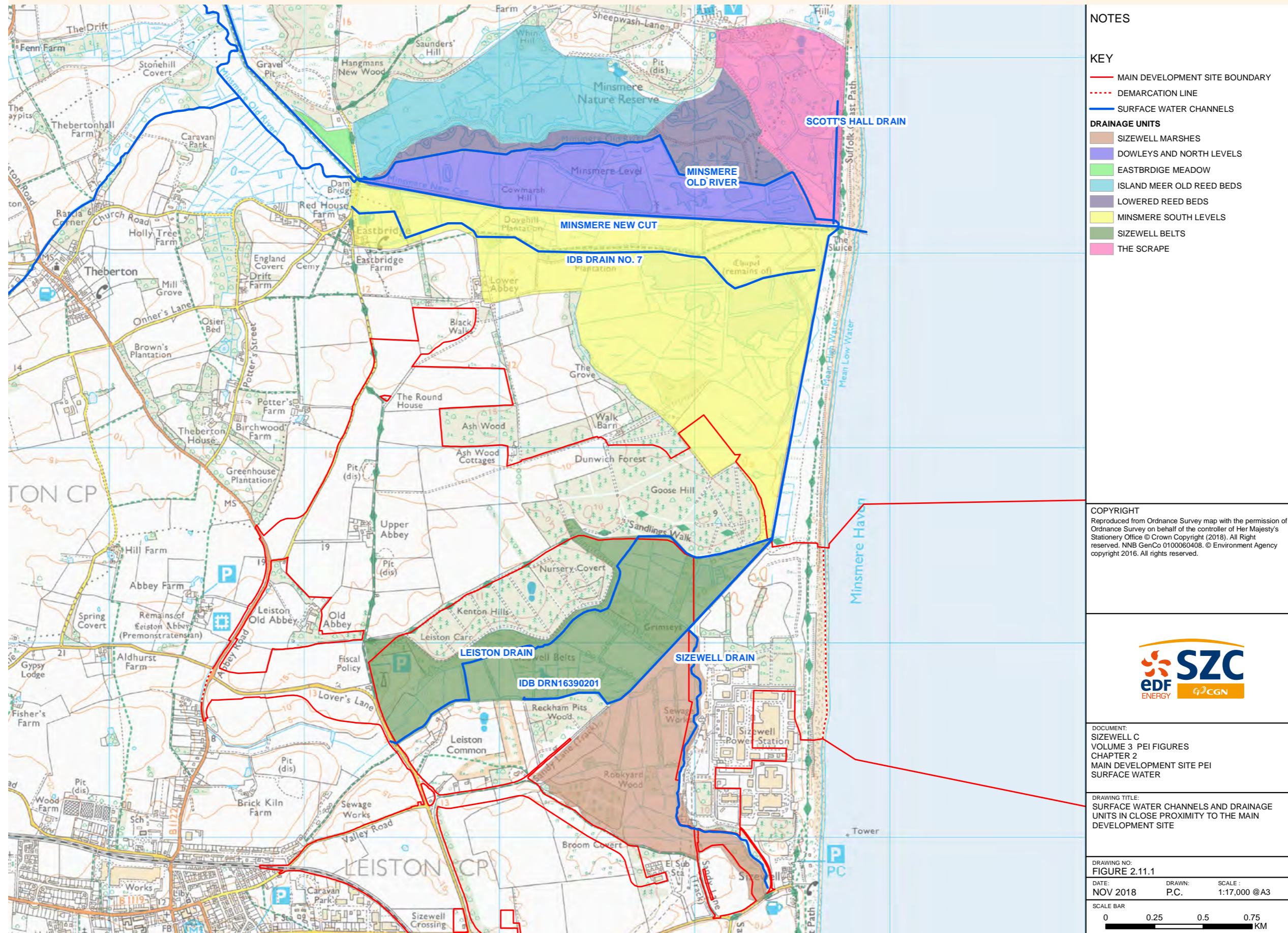


Figure 2.11.1 Surface water channels and drainage units



- NOTES**
- KEY**
- MAIN DEVELOPMENT SITE BOUNDARY
 - - - DEMARCATION LINE
 - SURFACE WATER CHANNELS
- DRAINAGE UNITS**
- SIZEWELL MARSHES
 - DOWLEYS AND NORTH LEVELS
 - EASTBRIDGE MEADOW
 - ISLAND MEER OLD REED BEDS
 - LOWERED REED BEDS
 - MINSMERE SOUTH LEVELS
 - SIZEWELL BELTS
 - THE SCRAPE

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 SIZEWELL C
 VOLUME 3 PEI FIGURES
 CHAPTER 2
 MAIN DEVELOPMENT SITE PEI
 SURFACE WATER

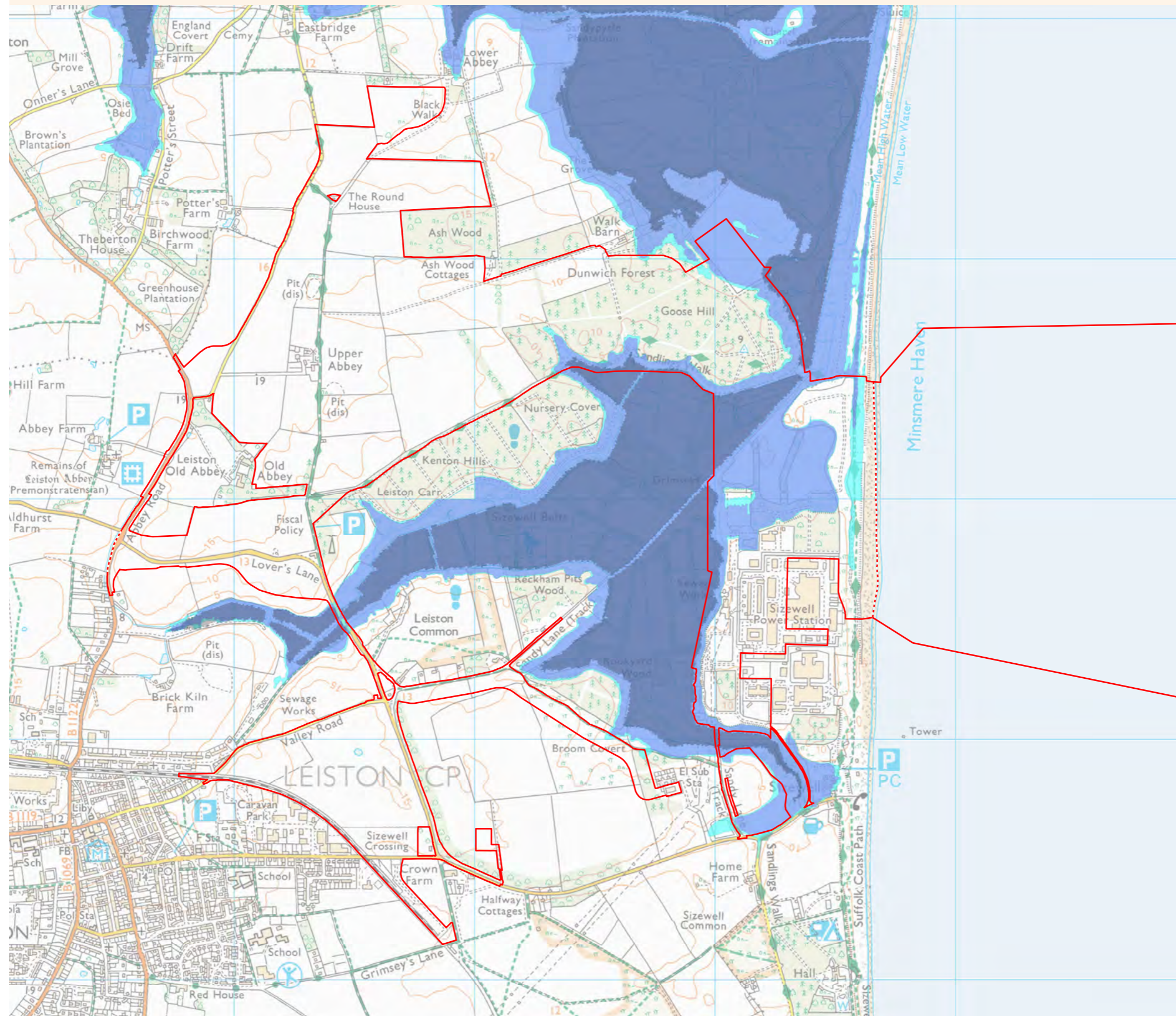
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 SURFACE WATER CHANNELS AND DRAINAGE UNITS IN CLOSE PROXIMITY TO THE MAIN DEVELOPMENT SITE

DRAWING NO:
 FIGURE 2.11.1

DATE: NOV 2018 **DRAWN:** P.C. **SCALE:** 1:17,000 @A3

SCALE BAR
 0 0.25 0.5 0.75 1.0
 KM

Figure 2.12.2 Flood risk from rivers or sea



NOTES

KEY

- MAIN DEVELOPMENT SITE BOUNDARY
- - - DEMARCATION LINE
- 100 YEAR MODELLED MAXIMUM EXTENT
- FLOOD ZONE 2
- FLOOD ZONE 3

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 SIZEWELL C
 VOLUME 3 PEI FIGURES
 CHAPTER 2
 MAIN DEVELOPMENT SITE PEI
 FLOOD RISK

DRAWING TITLE:
 FLOOD RISK FROM RIVERS OR SEA

DRAWING NO:
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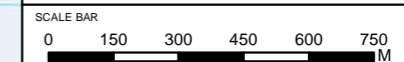


Figure 2.12.3 Flood risk from surface water

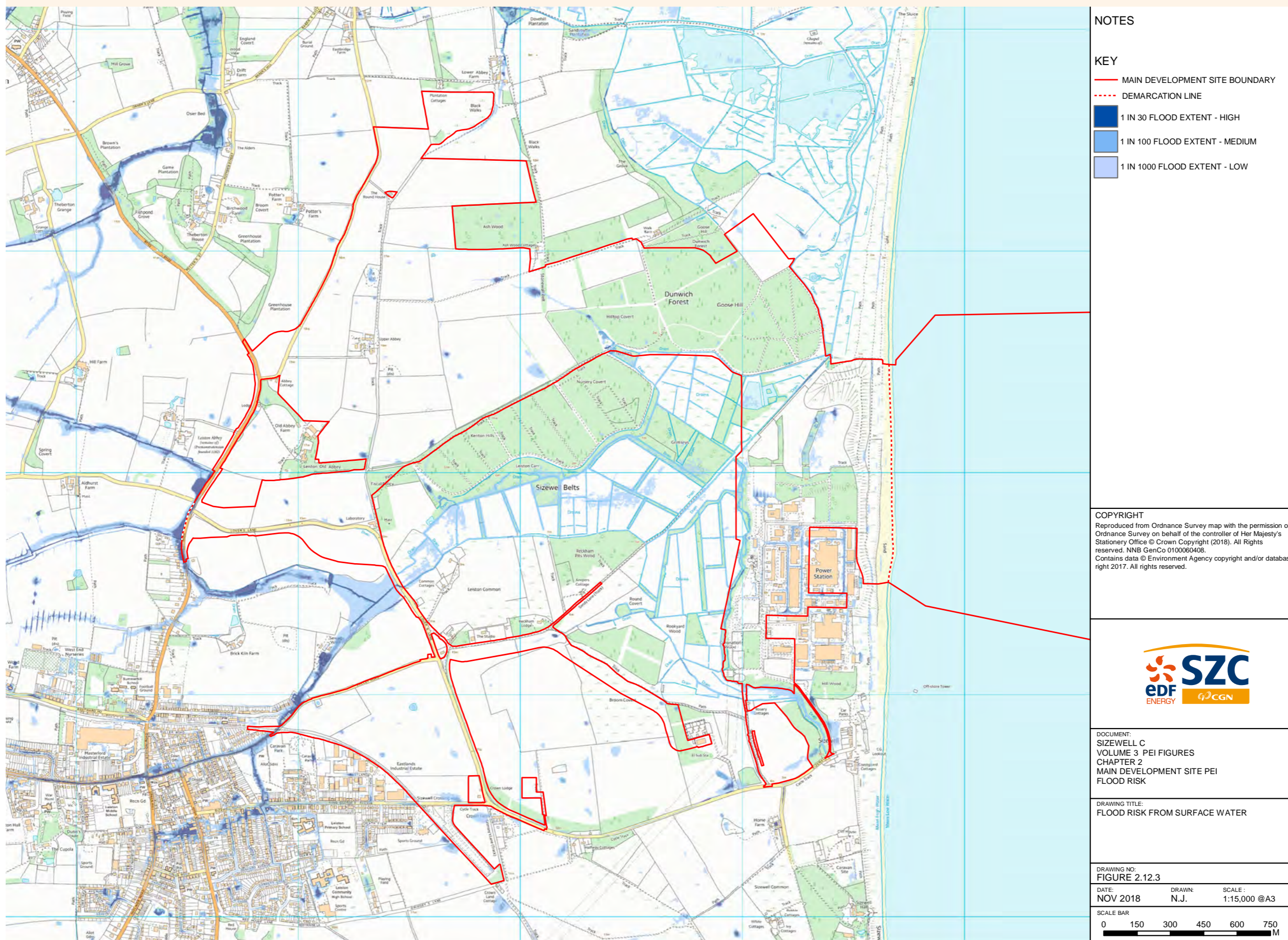
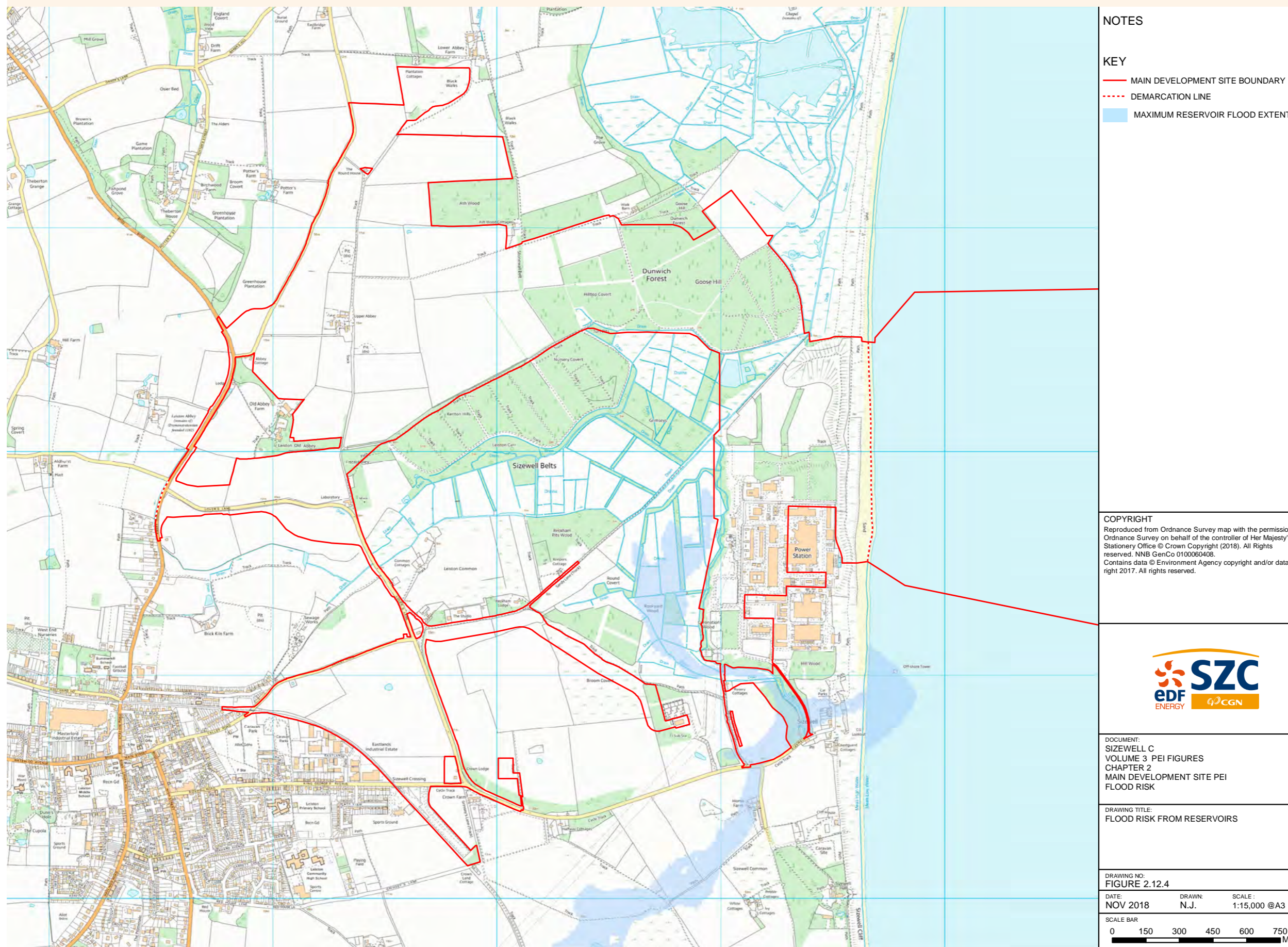


Figure 2.12.4 Flood risk from reservoirs



NOTES

KEY

- MAIN DEVELOPMENT SITE BOUNDARY
- - - DEMARCATION LINE
- MAXIMUM RESERVOIR FLOOD EXTENT

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 CHAPTER 2
 MAIN DEVELOPMENT SITE PEI
 FLOOD RISK

DRAWING TITLE:
 FLOOD RISK FROM RESERVOIRS

DRAWING NO:
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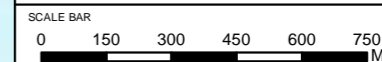
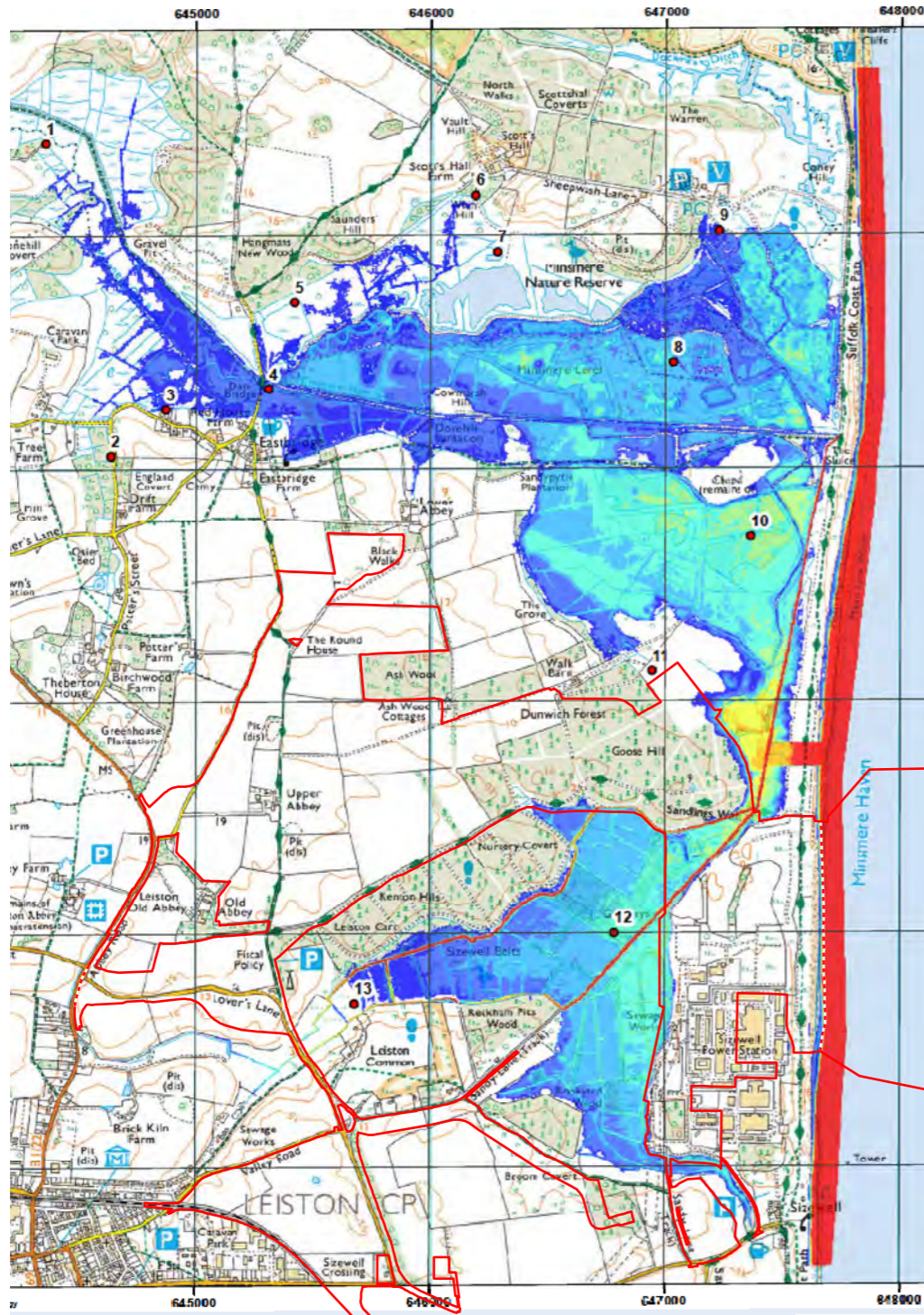
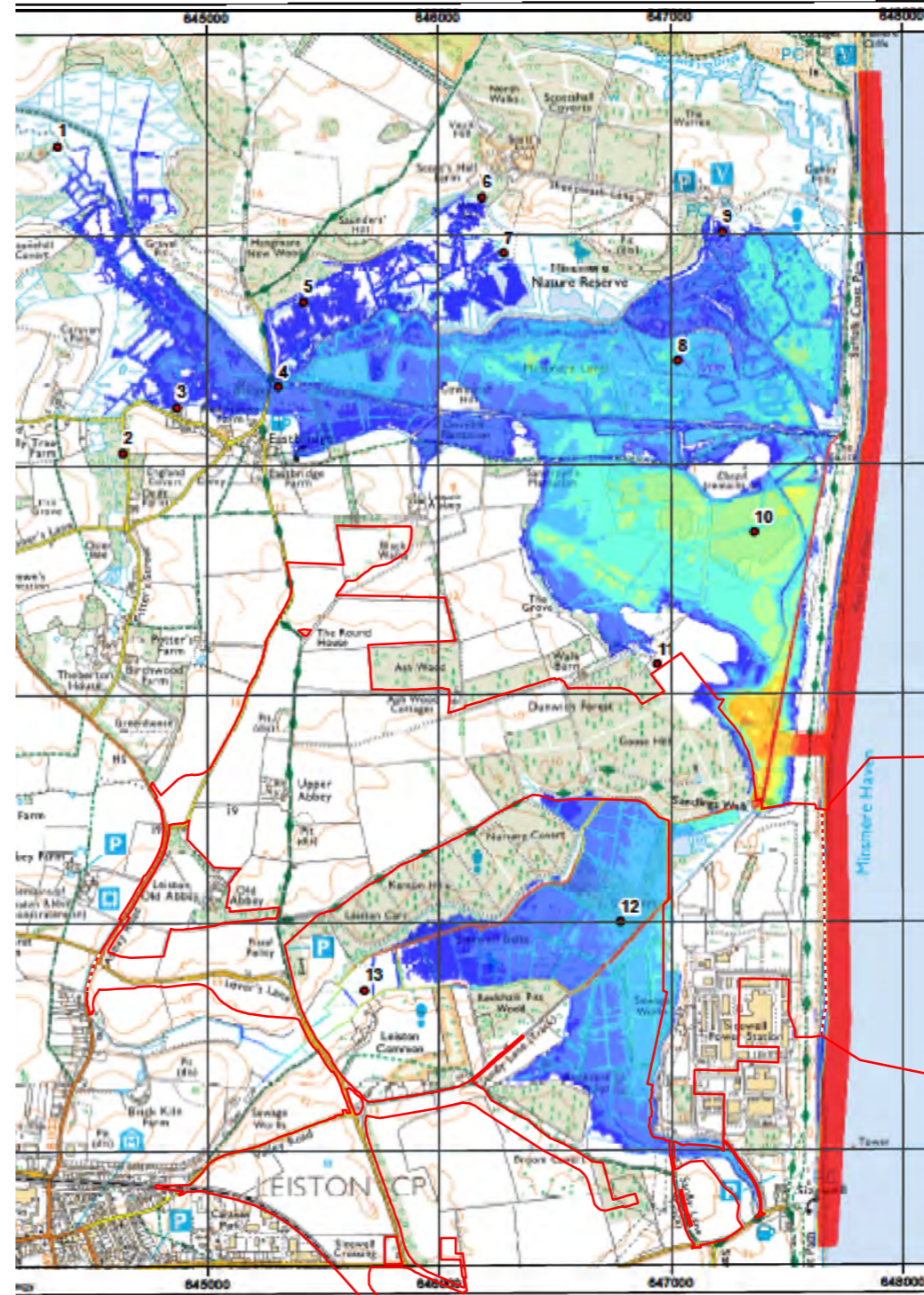


Figure 2.12.5 Pre and post development breach modelling extents

PRE DEVELOPMENT



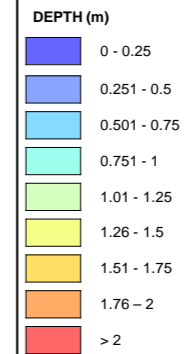
POST DEVELOPMENT



NOTES

KEY

1 IN 20 YEAR BREACH MODELLING



● REFERENCE POINT

ID	WATER DEPTH (m)	
	PRE DEVELOPMENT	POST DEVELOPMENT
1	0.00	0.00
2	0.00	0.00
3	0.07	0.08
4	0.42	0.45
5	0.00	0.09
6	0.00	0.00
7	0.00	0.00
8	0.70	0.73
9	0.10	0.14
10	1.03	1.13
11	0.00	0.00
12	0.90	0.74
13	0.00	0.00

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 VOLUME 3 PEI FIGURES
 CHAPTER 2
 MAIN DEVELOPMENT SITE PEI
 FLOOD RISK

DRAWING TITLE:
 PRE AND POST DEVELOPMENT BREACH
 MODELLING EXTENTS

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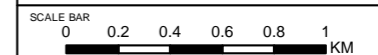
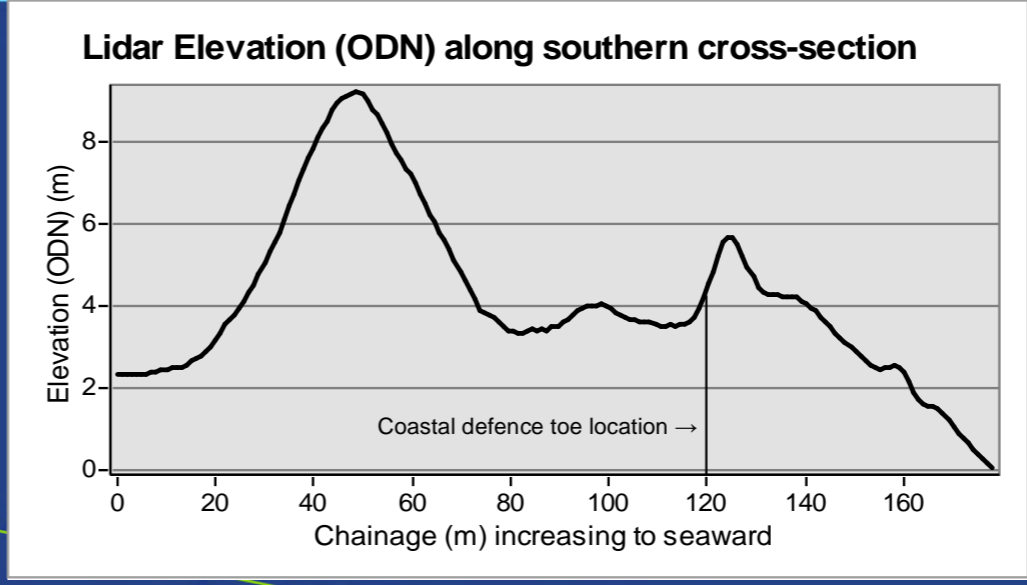
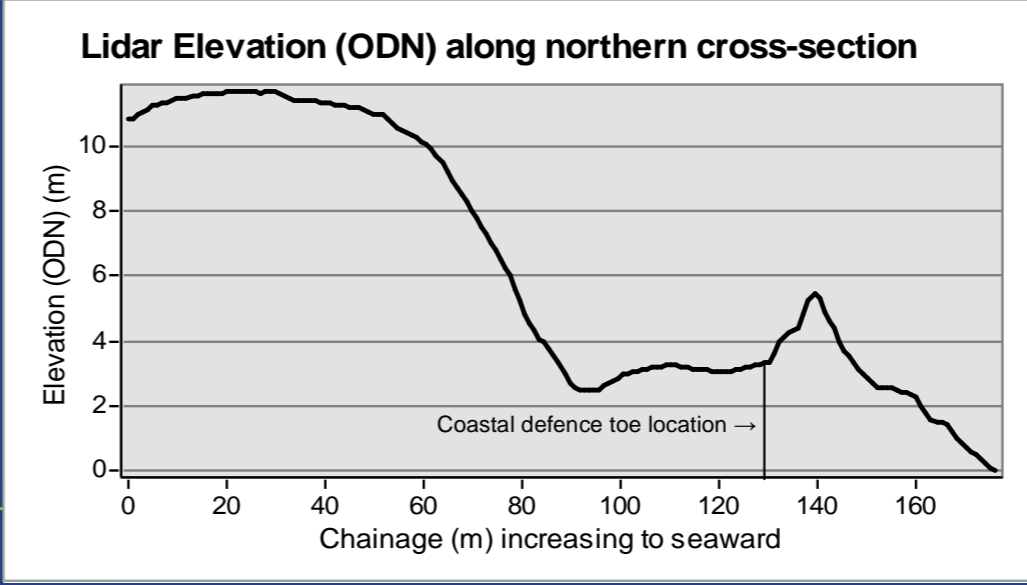
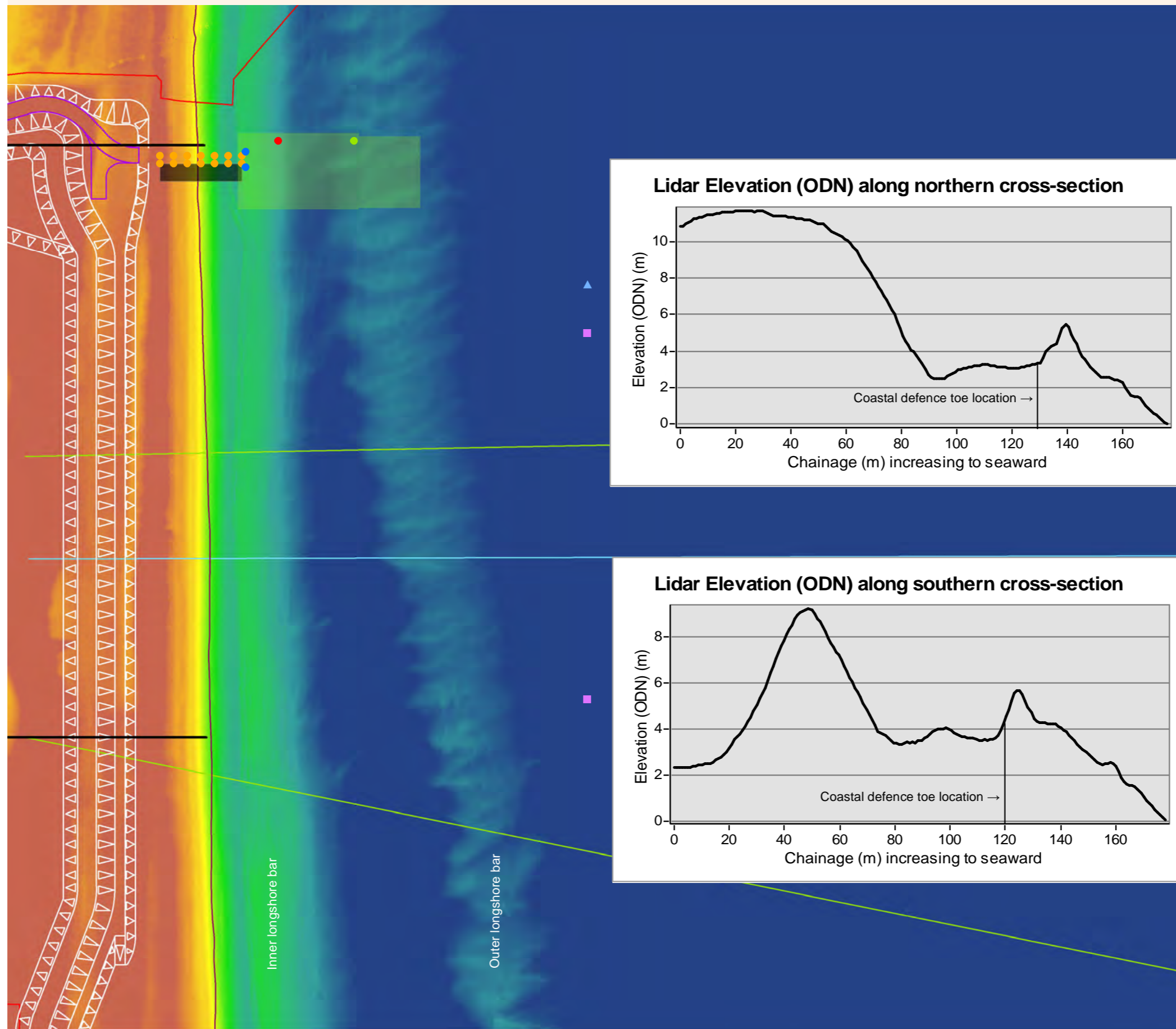


Figure 2.14.1 Coastal defence features and proposed BLF



NOTES

KEY

- ▲ COMBINED DRAINAGE OUTFALL (CDO)
- FISH RECOVERY AND RETURN (FRR)
- PILES, DOLPHINS & FENDERS
 - DOLPHIN PILE (Ø1.52m)
 - FENDER PILE (Ø1.52m)
 - JETTY PILE (Ø1m)
 - MOORING DOLPHIN (Ø1.52m)
- COASTAL DEFENCE FEATURE (CDF)
- MEAN HIGH WATER SPRINGS (MHWS)
- COASTAL DEFENCE FEATURE (CDF) CROSS SECTION
- BEACH LANDING FACILITY (BLF) HAUL ROAD
- SZC INTAKES
- SZC OUTFALL
- MAIN DEVELOPMENT SITE BOUNDARY
- DREDGE AREA
- ROCK JETTY
- ELEVATION (ODN) (m)
 - High : 4
 - Low : -4

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 SIZEWELL C
 VOLUME 3 PEI FIGURES
 CHAPTER 2
 MAIN DEVELOPMENT SITE PEI
 COASTAL GEOMORPHOLOGY AND
 HYDRODYNAMICS

DRAWING TITLE:
 COASTAL DEFENCE FEATURES AND
 PROPOSED BEACH LANDING FACILITY

DRAWING NO:
 FIGURE 2.14.1

DATE: NOV 2018 DRAWN: R.H. SCALE: 1:3,000 @A3

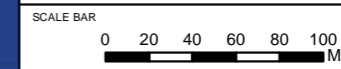
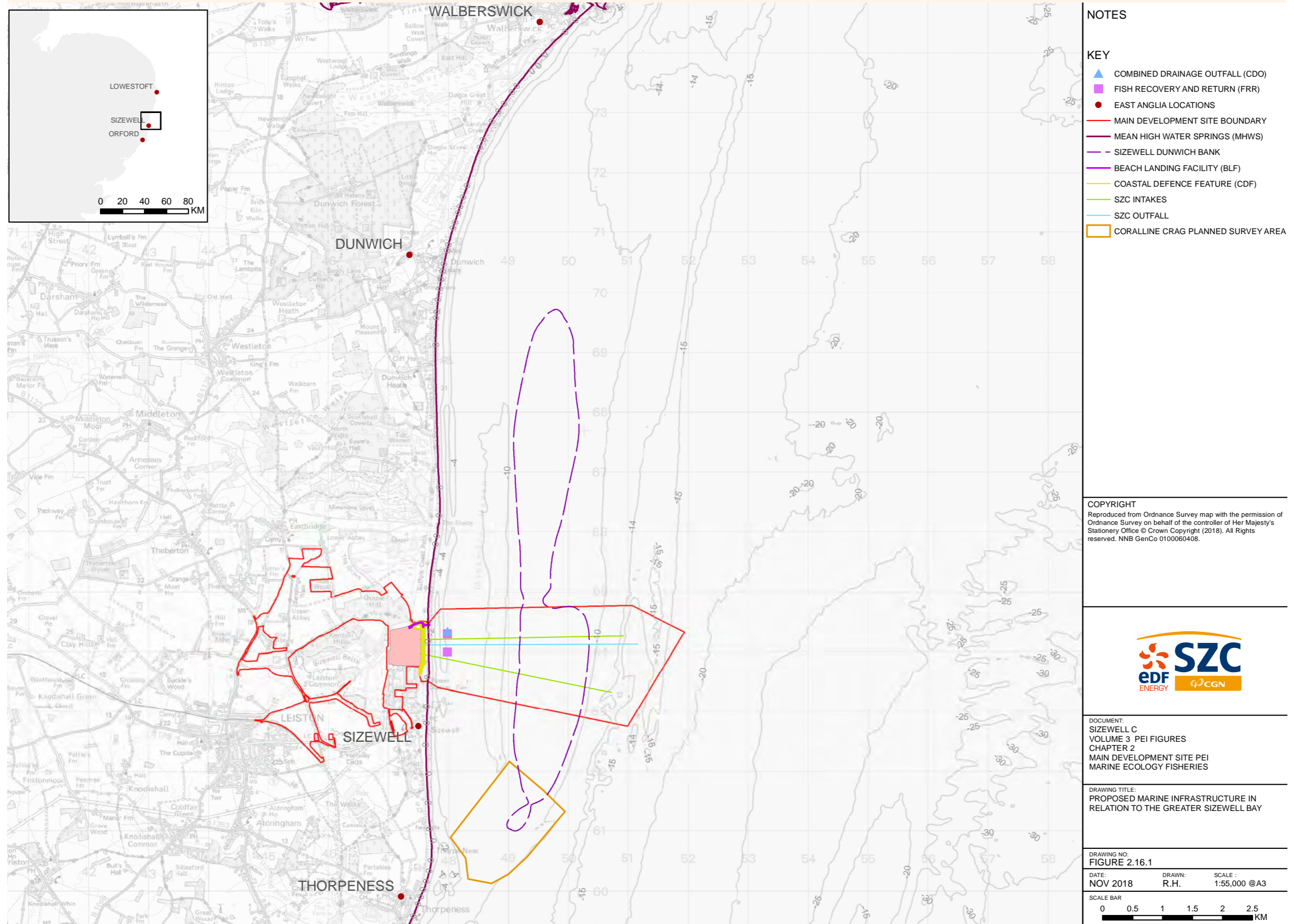


Figure 2.16.1 Proposed marine infrastructure in relation to the greater Sizewell bay



NOTES

KEY

- ▲ COMBINED DRAINAGE OUTFALL (CDO)
- FISH RECOVERY AND RETURN (FRR)
- EAST ANGLIA LOCATIONS
- MAIN DEVELOPMENT SITE BOUNDARY
- MEAN HIGH WATER SPRINGS (MHWS)
- SIZEWELL DUNWICH BANK
- BEACH LANDING FACILITY (BLF)
- COASTAL DEFENCE FEATURE (CDF)
- SZC INTAKES
- SZC OUTFALL
- CORALLINE CRAG PLANNED SURVEY AREA

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 VOLUME 3 PEI FIGURES
 CHAPTER 2
 MAIN DEVELOPMENT SITE PEI
 MARINE ECOLOGY FISHERIES

DRAWING TITLE:
 PROPOSED MARINE INFRASTRUCTURE IN
 RELATION TO THE GREATER SIZEWELL BAY

DRAWING NO.:
 FIGURE 2.16.1

DATE: NOV 2018 **DRAWN:** R.H. **SCALE:** 1:55,000 @A3



Figure 2.17.1 Distribution of archaeological assets

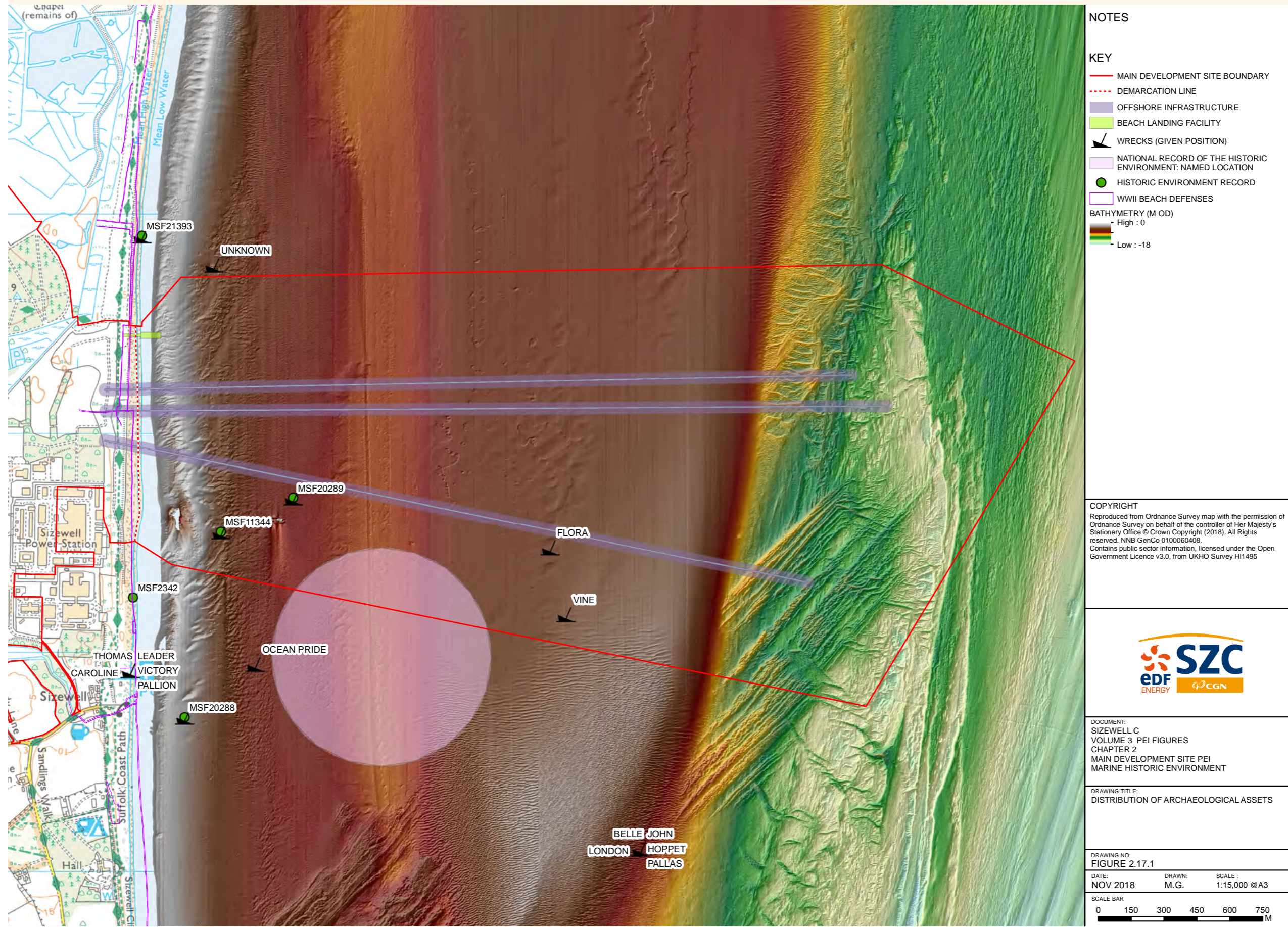


Figure 2.18.1 Navigational features

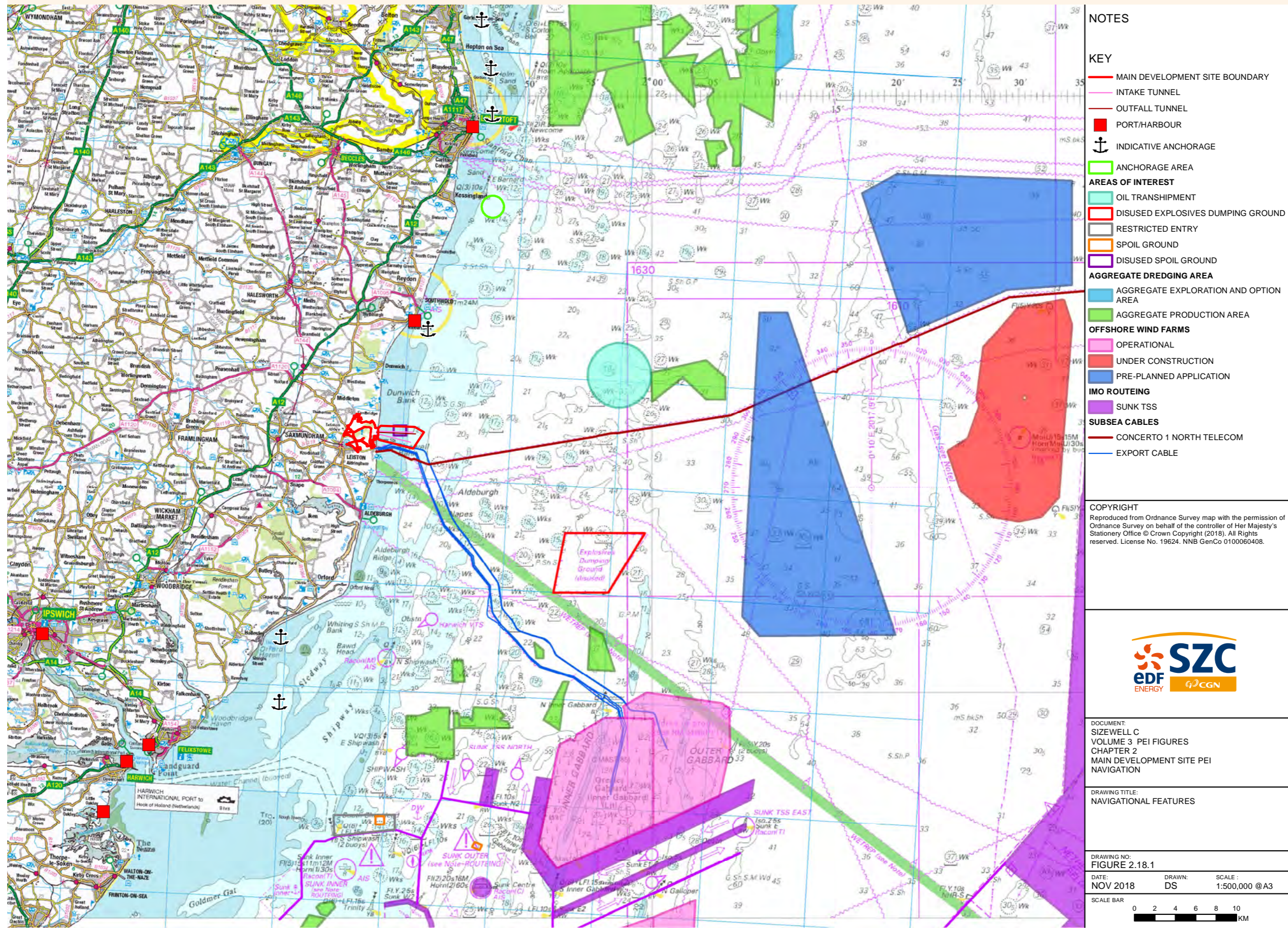


Figure 2.18.2 Summer AIS vessel tracks

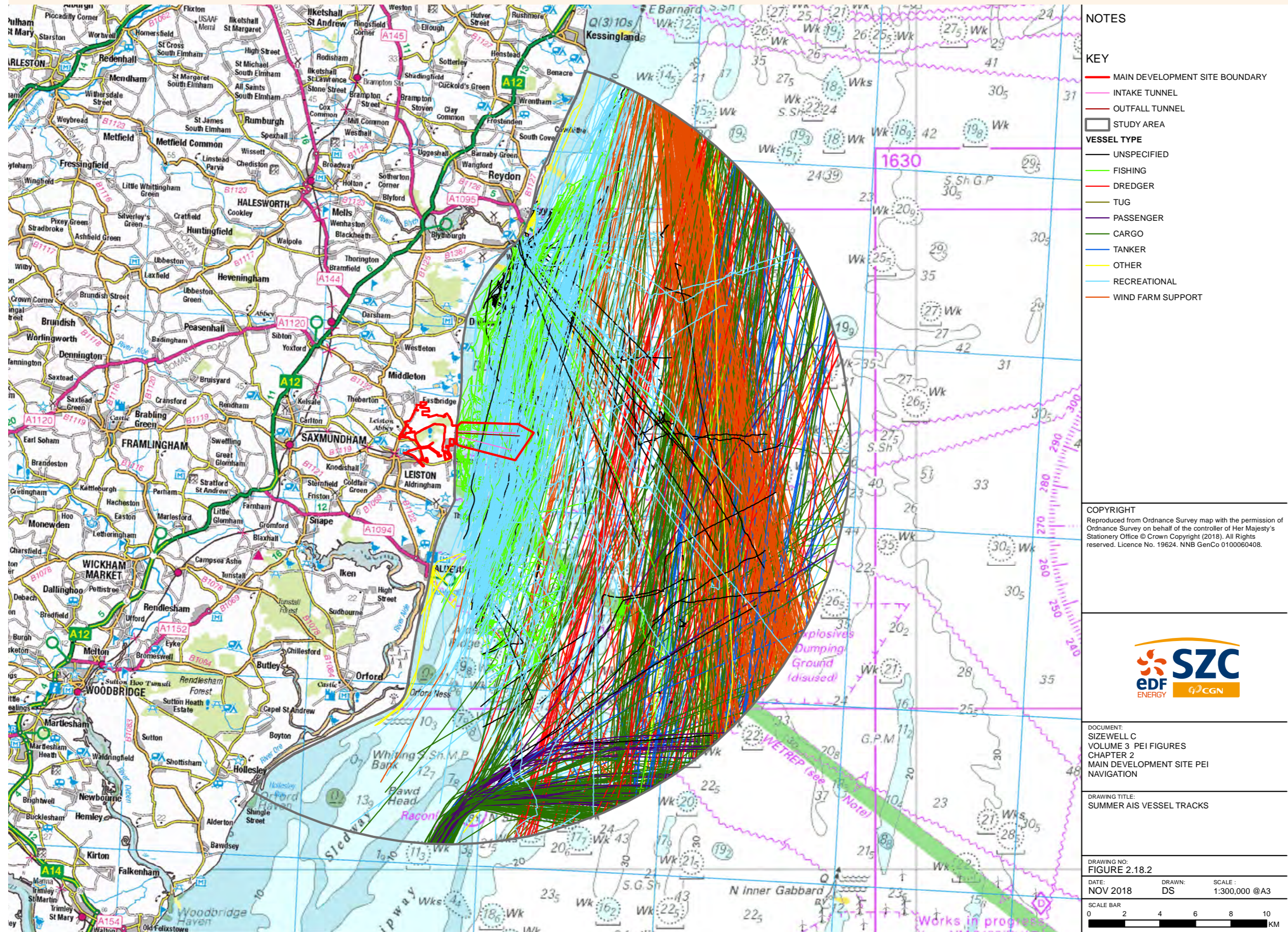


Figure 2.18.3 Winter AIS vessel tracks

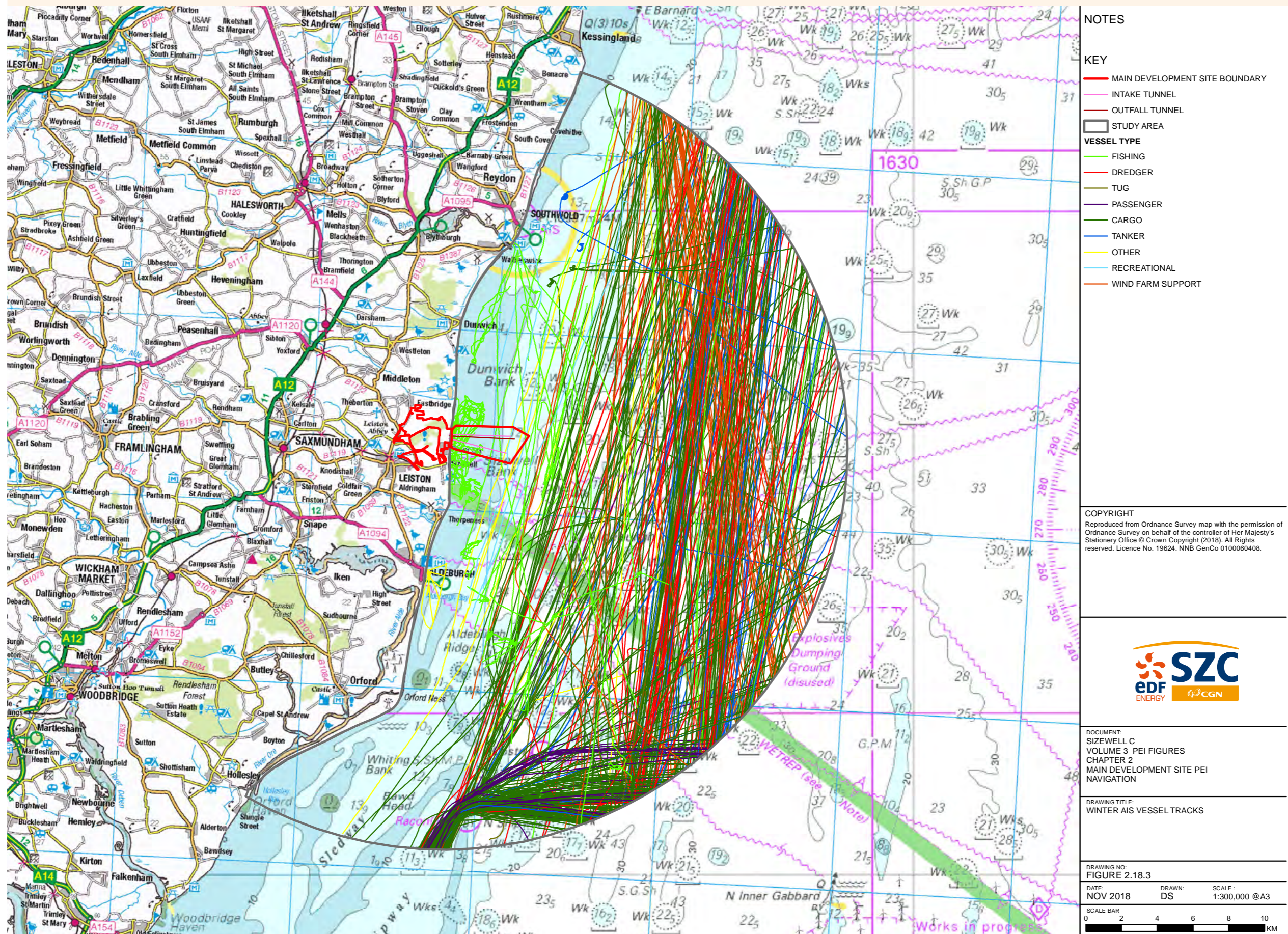
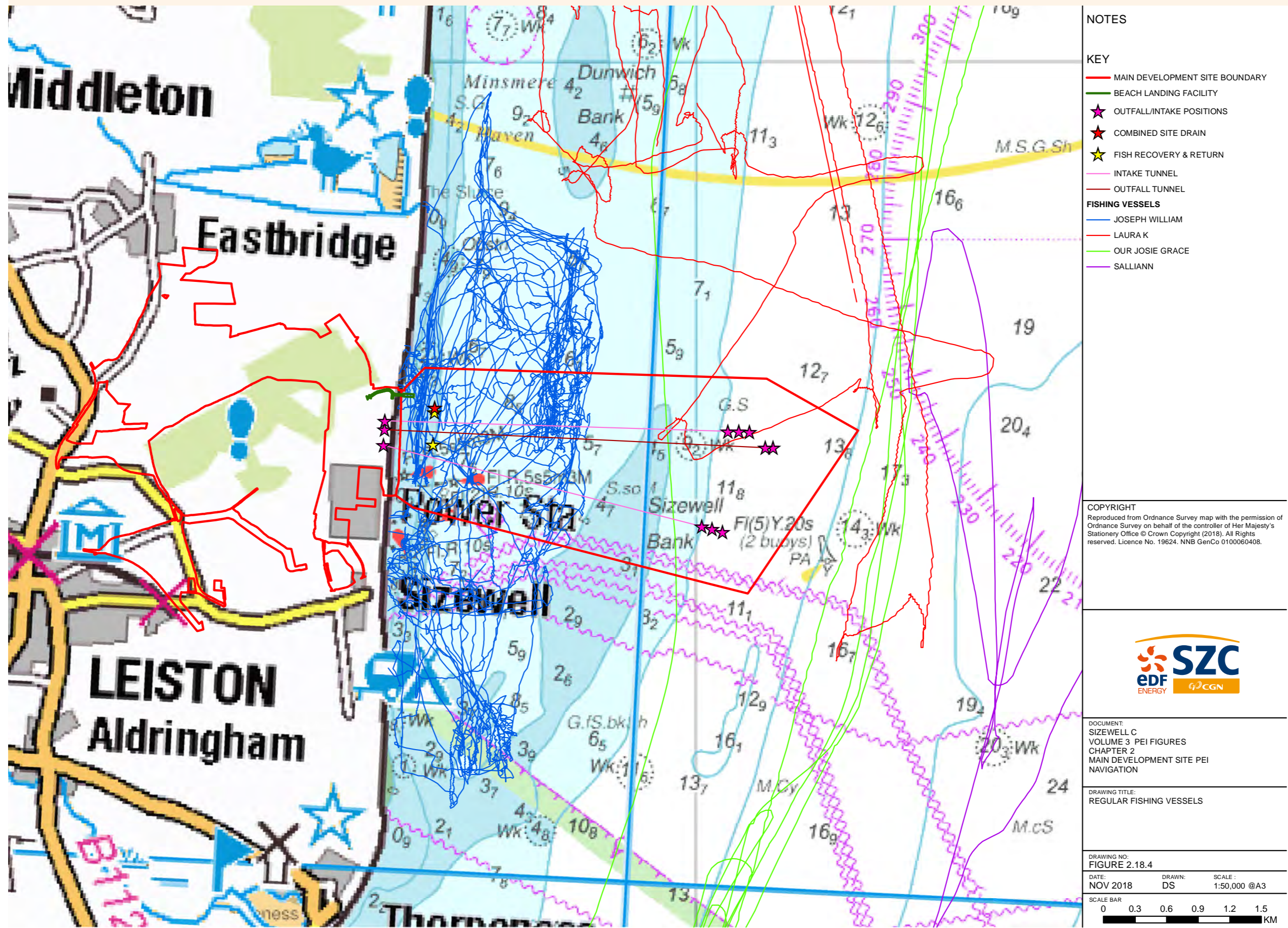


Figure 2.18.4 Regular fishing vessels



NOTES

KEY

- MAIN DEVELOPMENT SITE BOUNDARY
- BEACH LANDING FACILITY
- ★ OUTFALL/INTAKE POSITIONS
- ★ COMBINED SITE DRAIN
- ★ FISH RECOVERY & RETURN
- INTAKE TUNNEL
- OUTFALL TUNNEL

FISHING VESSELS

- JOSEPH WILLIAM
- LAURA K
- OUR JOSIE GRACE
- SALLIANN

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 CHAPTER 2
 MAIN DEVELOPMENT SITE PEI
 NAVIGATION

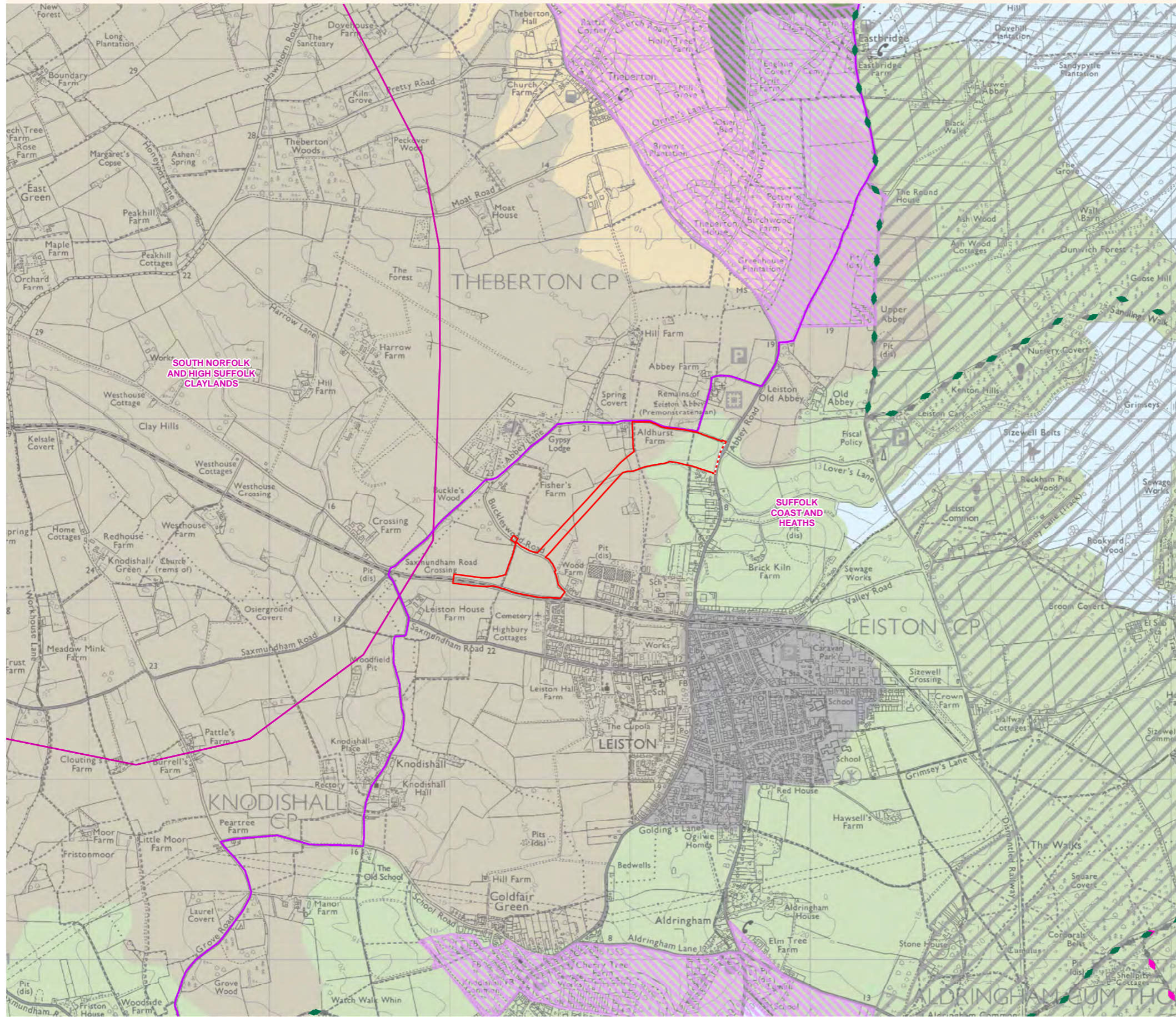
DRAWING TITLE:
 REGULAR FISHING VESSELS

DRAWING NO.:
 FIGURE 2.18.4

DATE: NOV 2018 **DRAWN:** DS **SCALE:** 1:50,000 @A3

SCALE BAR
 0 0.3 0.6 0.9 1.2 1.5 KM

Figure 3.2.1 Landscape and visual receptors



NOTES
Suffolk County Landscape Types have been modified in agreement with Suffolk County Council. Estuaries and stretches of river below the low water mark have been attributed to the appropriate Landscape Type to provide consistent and comprehensive mapping of the terrestrial environment.

- KEY**
- GREEN RAIL ROUTE SITE BOUNDARY
 - - - DEMARCATION LINE
 - ▨ AREA OF OUTSTANDING NATURAL BEAUTY (AONB)
 - ▨ SPECIAL LANDSCAPE AREA
 - ▨ NATIONAL CHARACTER AREAS (NATURAL ENGLAND)
- LANDSCAPE TYPES**
- ▨ ANCIENT ESTATE CLAYLANDS
 - ▨ COASTAL LEVELS
 - ▨ ESTATE SANDLANDS
 - ▨ ROLLING ESTATE CLAYLANDS
 - ▨ URBAN
 - ▨ VALLEY MEADOWS AND FENS
- RECREATIONAL ROUTES**
- RECREATIONAL ROUTE: SANDLINGS WALK (LONG DISTANCE WALKING ROUTE)
 - RECREATIONAL ROUTE: SUFFOLK COAST PATH (LONG DISTANCE WALKING ROUTE)
 - SUSTRANS REGIONAL CYCLE ROUTE (RCR) (41/42)

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SIZEWELL C
VOLUME 3 PEI FIGURES
CHAPTER 3
GREEN RAIL ROUTE PEI
LANDSCAPE AND VISUAL

DRAWING TITLE:
LANDSCAPE AND VISUAL RECEPTORS

DRAWING NO:
FIGURE 3.2.1

DATE: NOV 2018 **DRAWN:** V.W. **SCALE:** 1:20,000 @A3

SCALE BAR
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Figure 3.3.1 International and national statutory designated sites within 5km radius and non-statutory designated sites within 2km radius

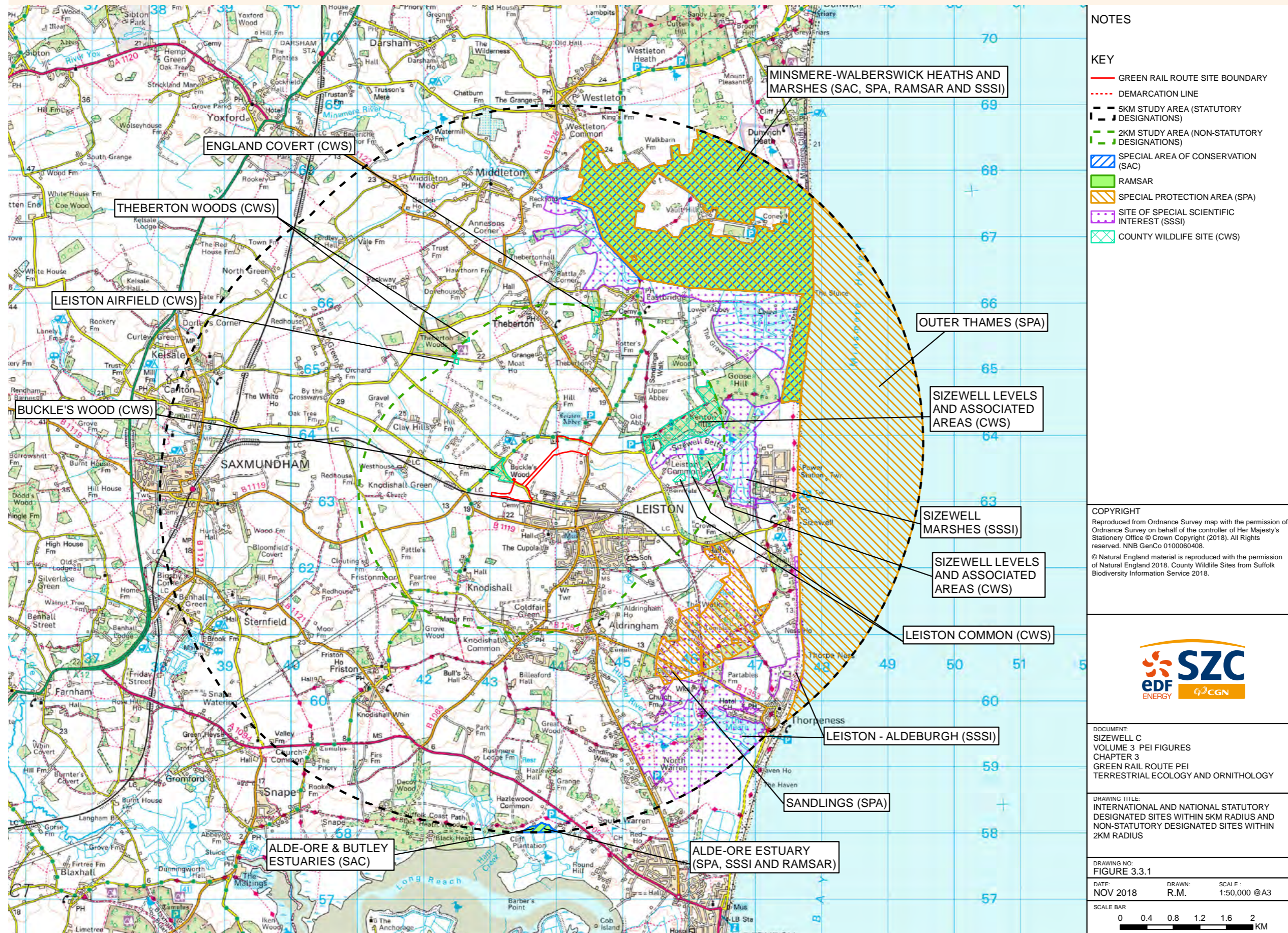
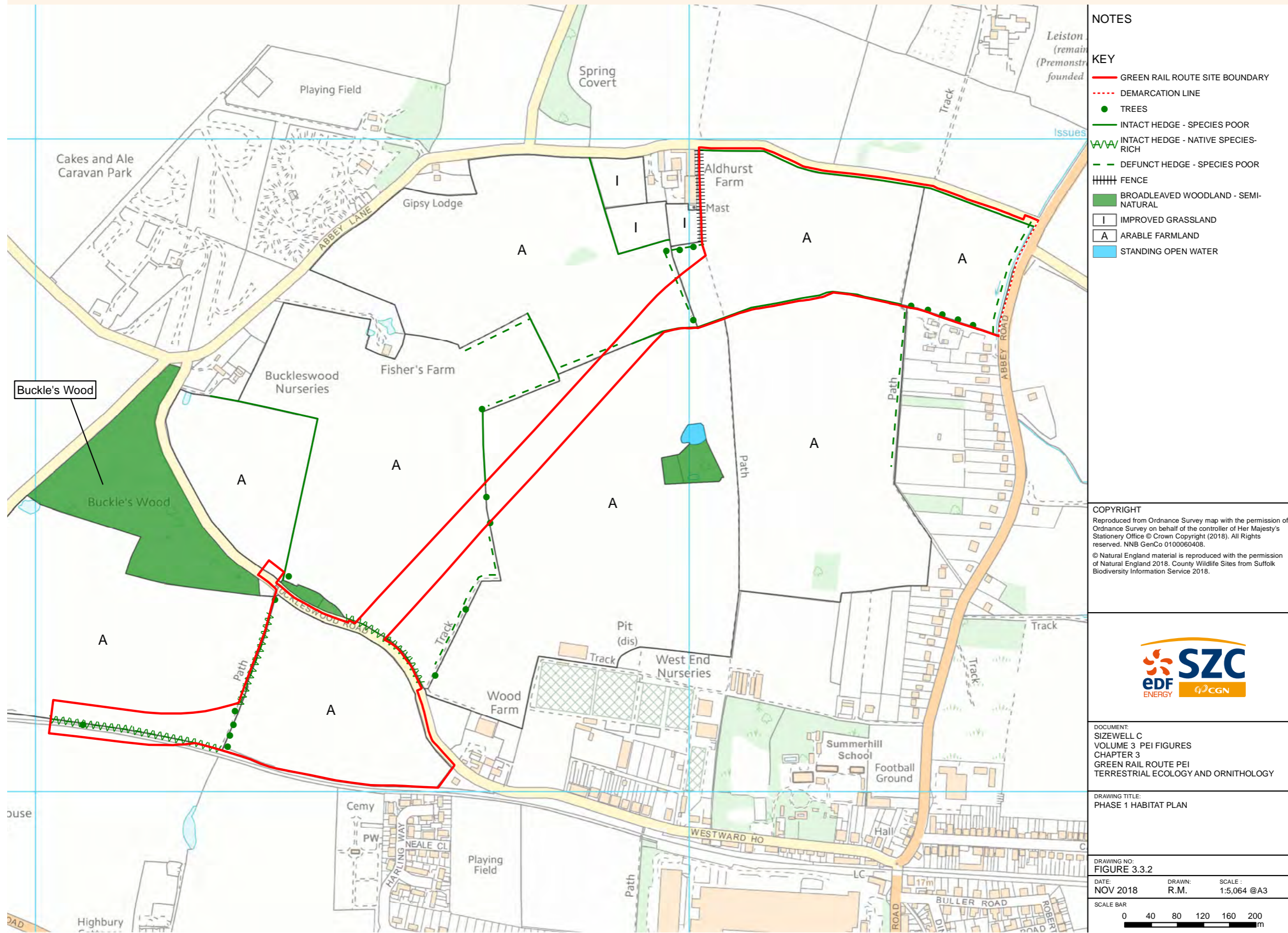


Figure 3.3.2 Phase 1 habitat plan



- NOTES**
- KEY**
- GREEN RAIL ROUTE SITE BOUNDARY
 - - - DEMARCATION LINE
 - TREES
 - INTACT HEDGE - SPECIES POOR
 - INTACT HEDGE - NATIVE SPECIES-RICH
 - - - DEFUNCT HEDGE - SPECIES POOR
 - ||||| FENCE
 - BROADLEAVED WOODLAND - SEMI-NATURAL
 - ▨ IMPROVED GRASSLAND
 - A ARABLE FARMLAND
 - STANDING OPEN WATER

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 CHAPTER 3
 GREEN RAIL ROUTE PEI
 TERRESTRIAL ECOLOGY AND ORNITHOLOGY

DRAWING TITLE:
 PHASE 1 HABITAT PLAN

DRAWING NO.:
 FIGURE 3.3.2

DATE: NOV 2018 **DRAWN:** R.M. **SCALE:** 1:5,064 @A3

SCALE BAR:
 0 40 80 120 160 200 m

Figure 3.4.1 Amenity and recreation resources

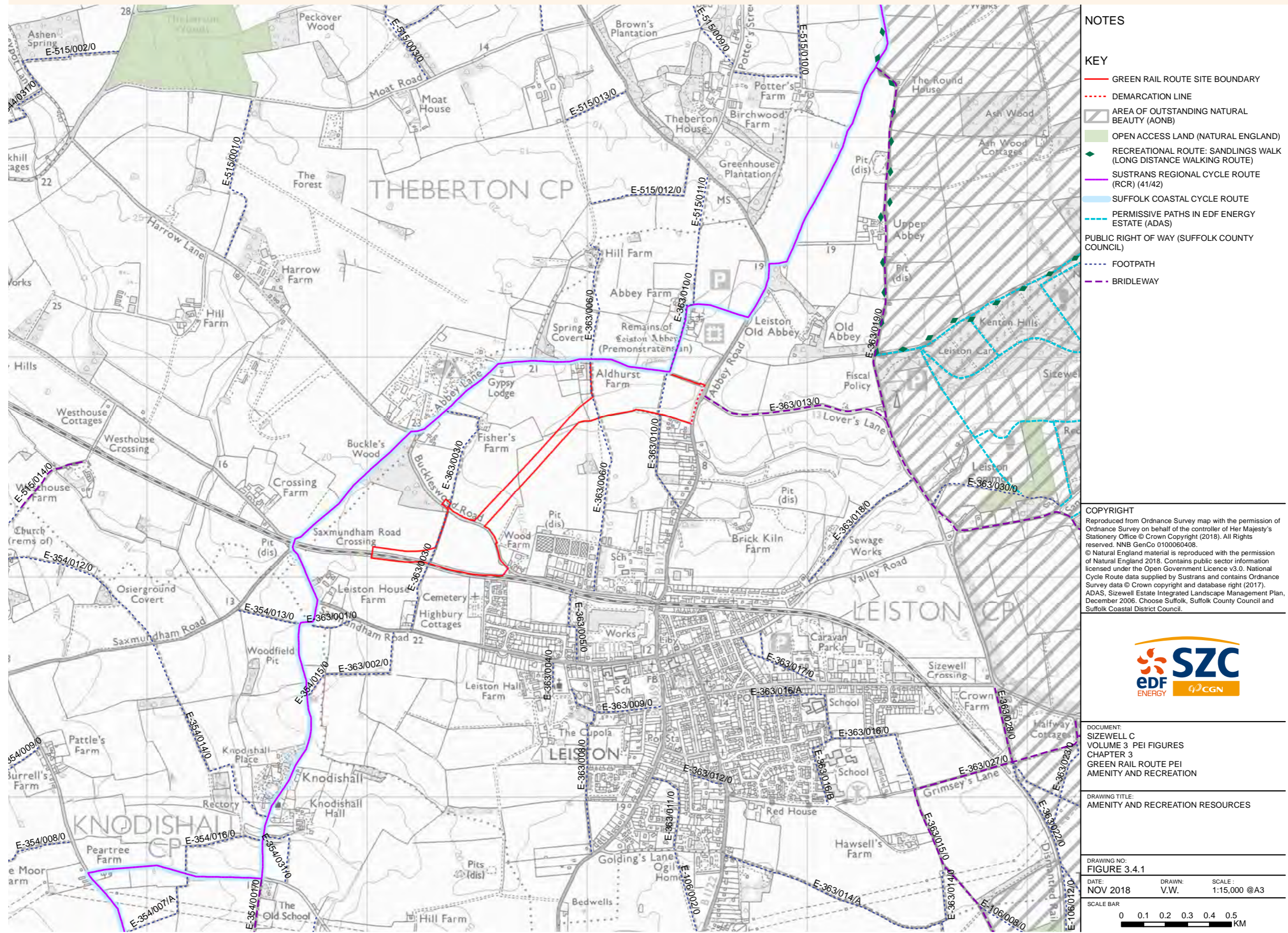


Figure 3.5.1 Designated heritage assets

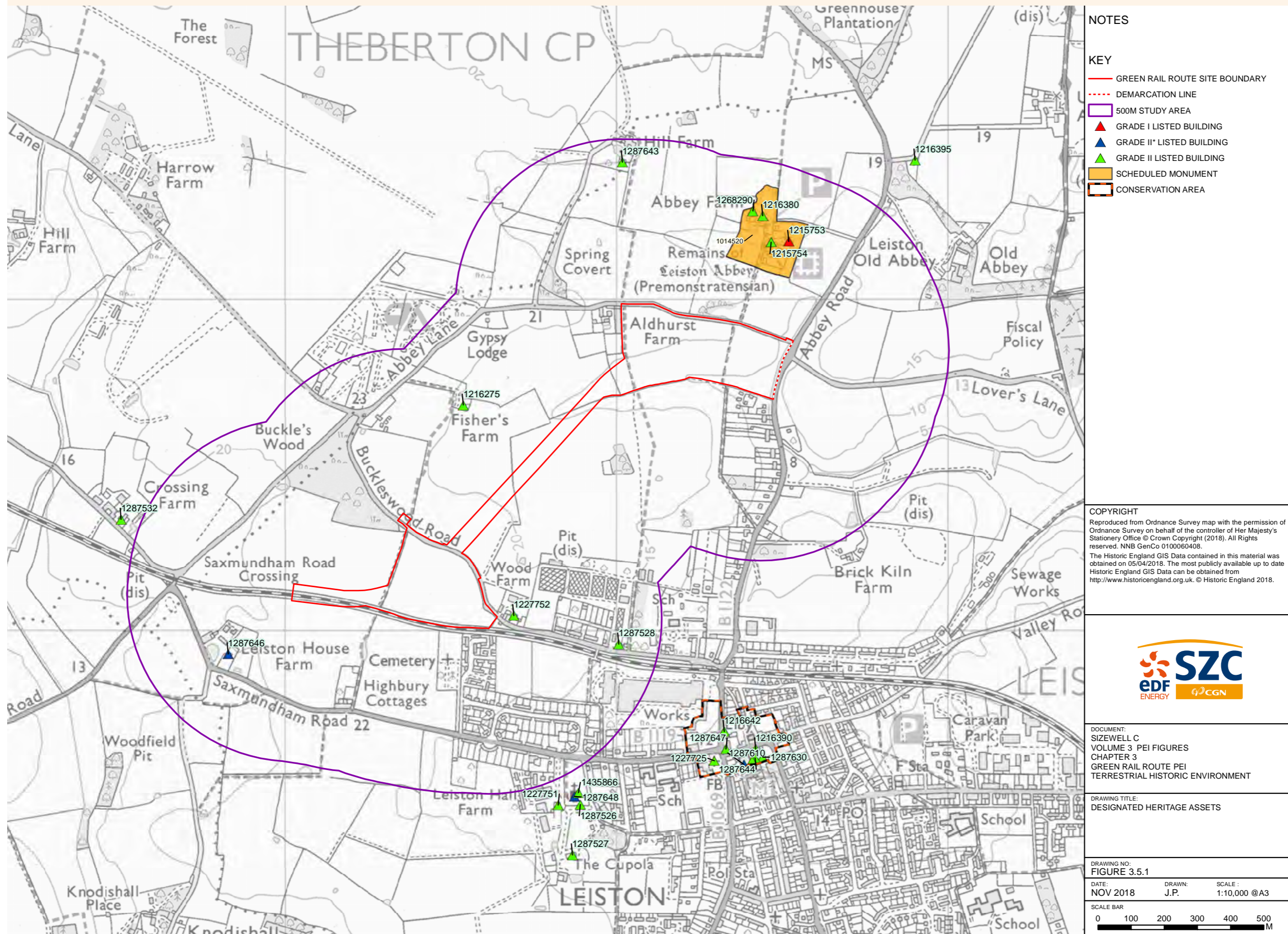


Figure 3.6.1 Soilscape mapping

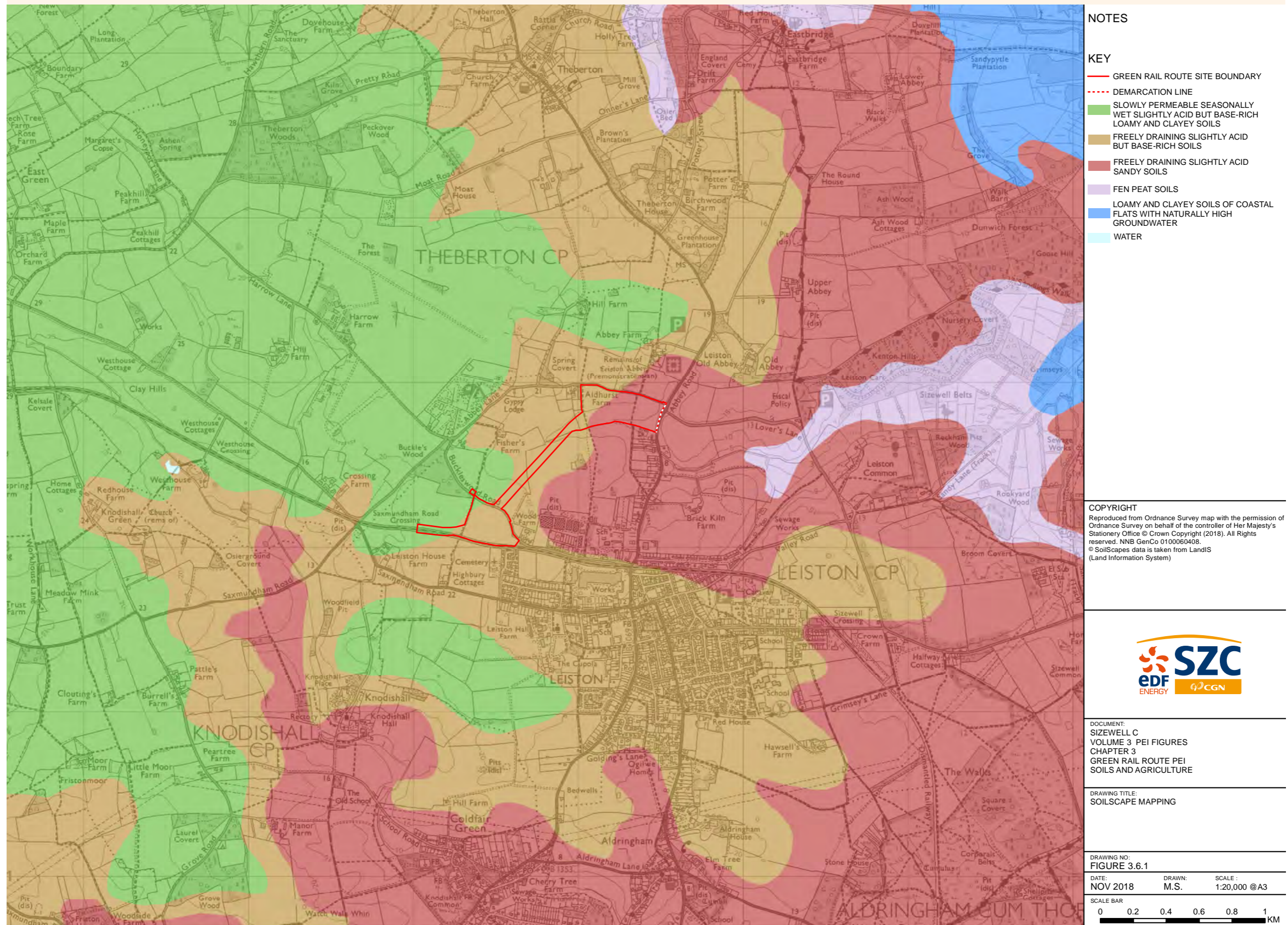


Figure 3.6.2 Provisional ALC mapping

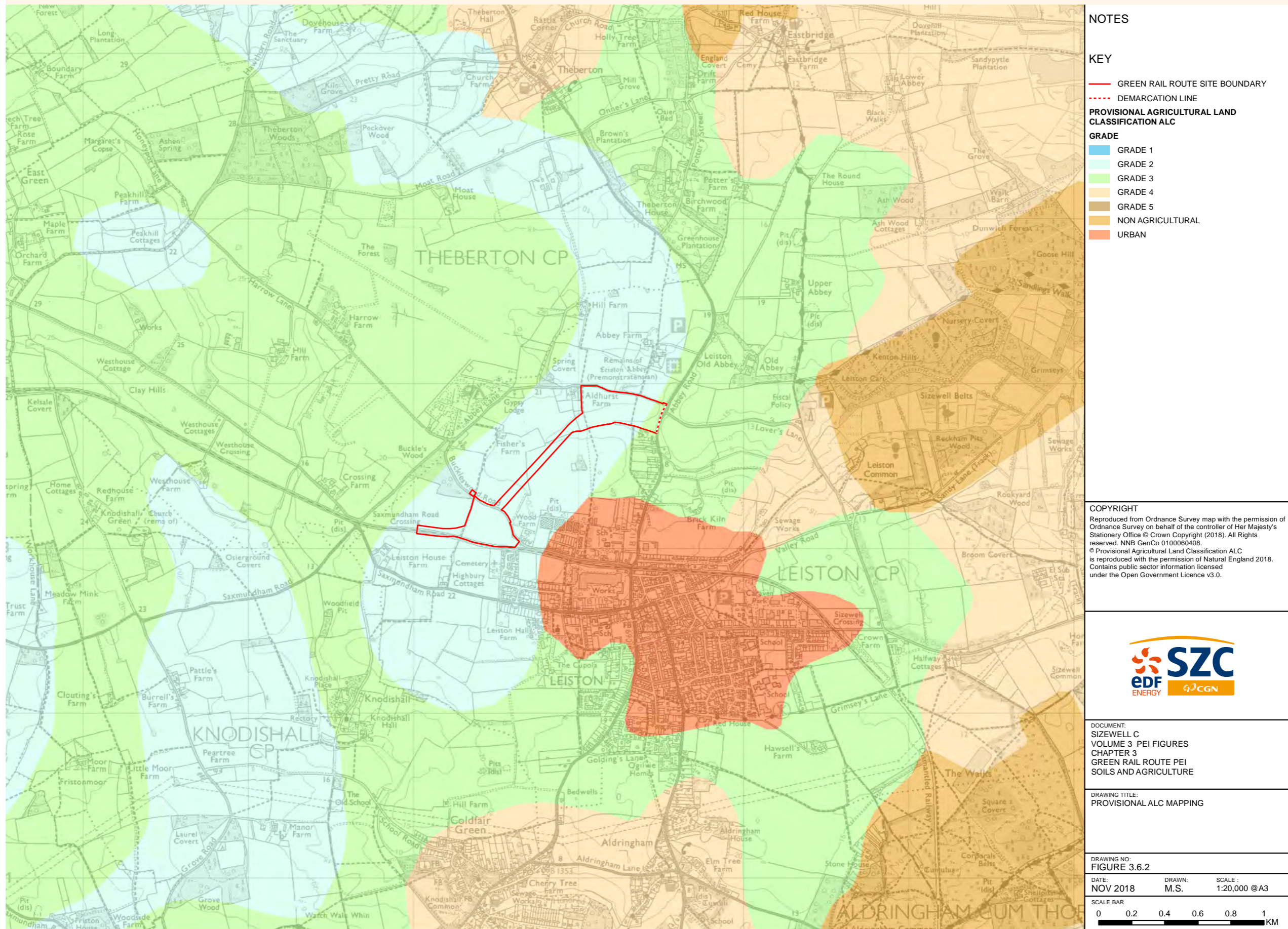
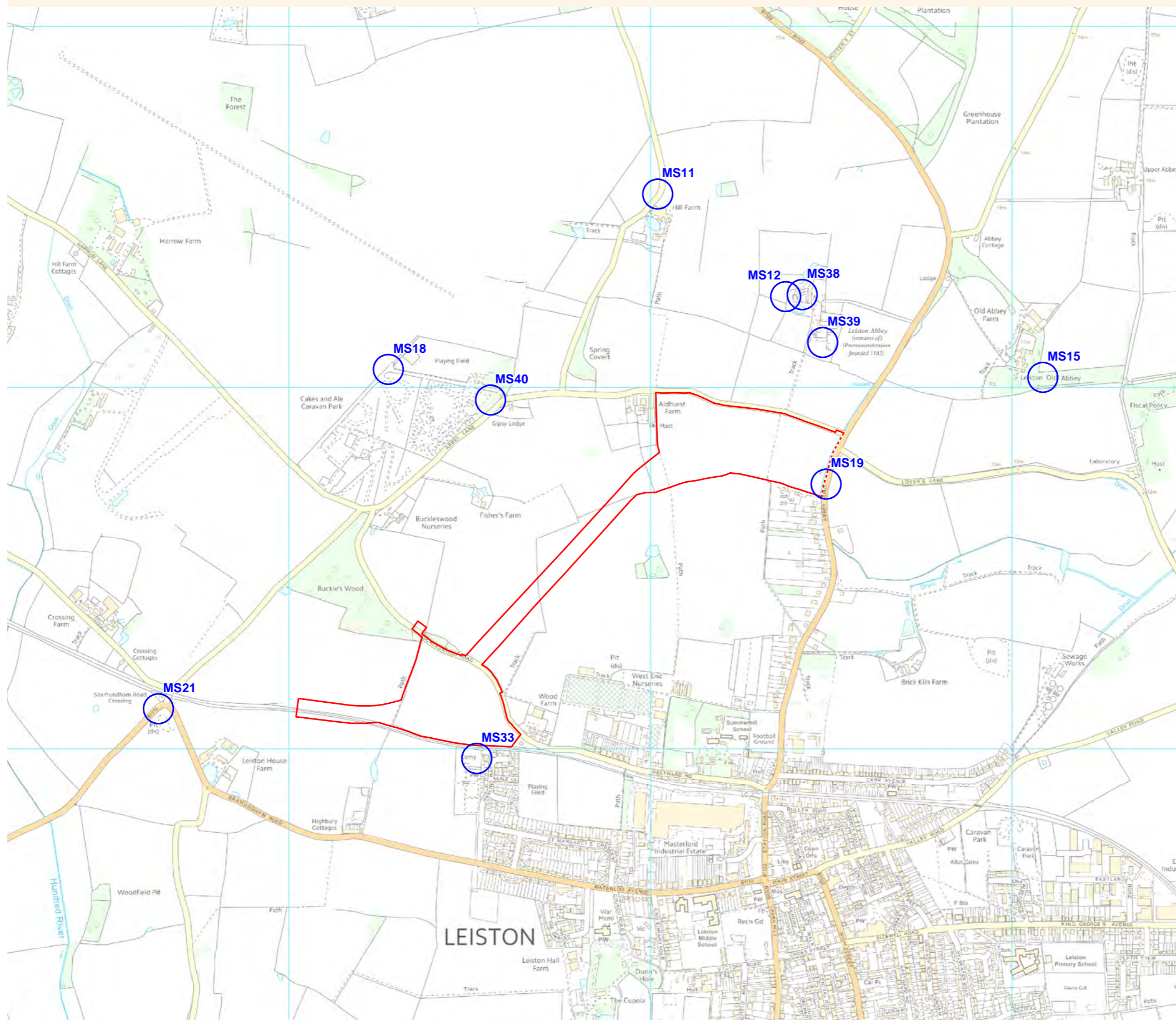


Figure 3.7.1 Noise monitoring locations



NOTES

- KEY**
- GREEN RAIL ROUTE SITE BOUNDARY
 - - - DEMARCATION LINE
 - NOISE MONITORING LOCATION

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 CHAPTER 3
 GREEN RAIL ROUTE PEI
 NOISE AND VIBRATION

DRAWING TITLE:
 NOISE MONITORING LOCATIONS

DRAWING NO.:
 FIGURE 3.7.1

DATE: NOV 2018 **DRAWN:** J.W. **SCALE:** 1:10,000 @A3

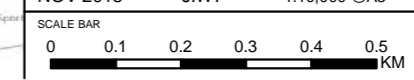


Figure 3.7.2 Vibration monitoring locations

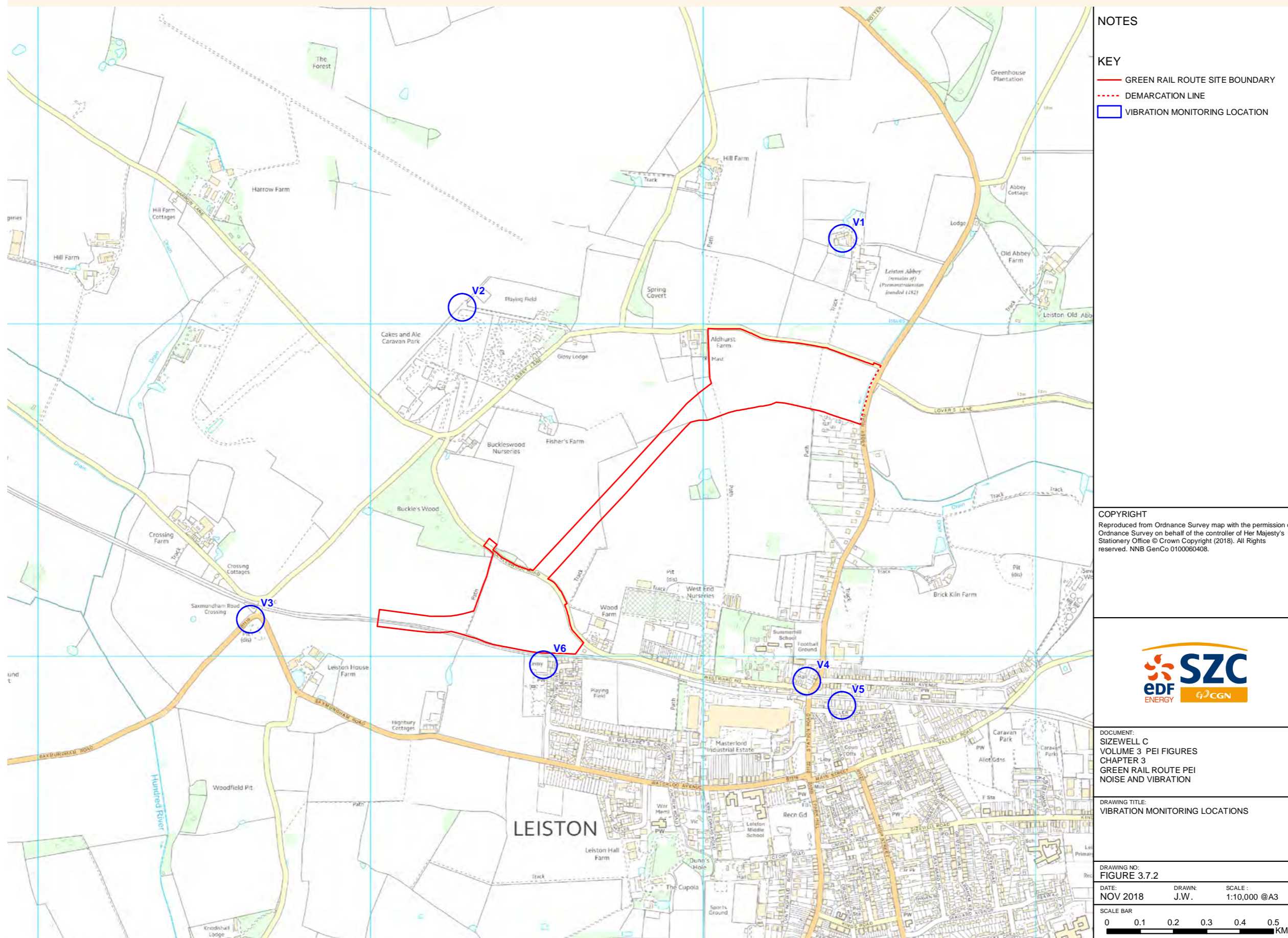
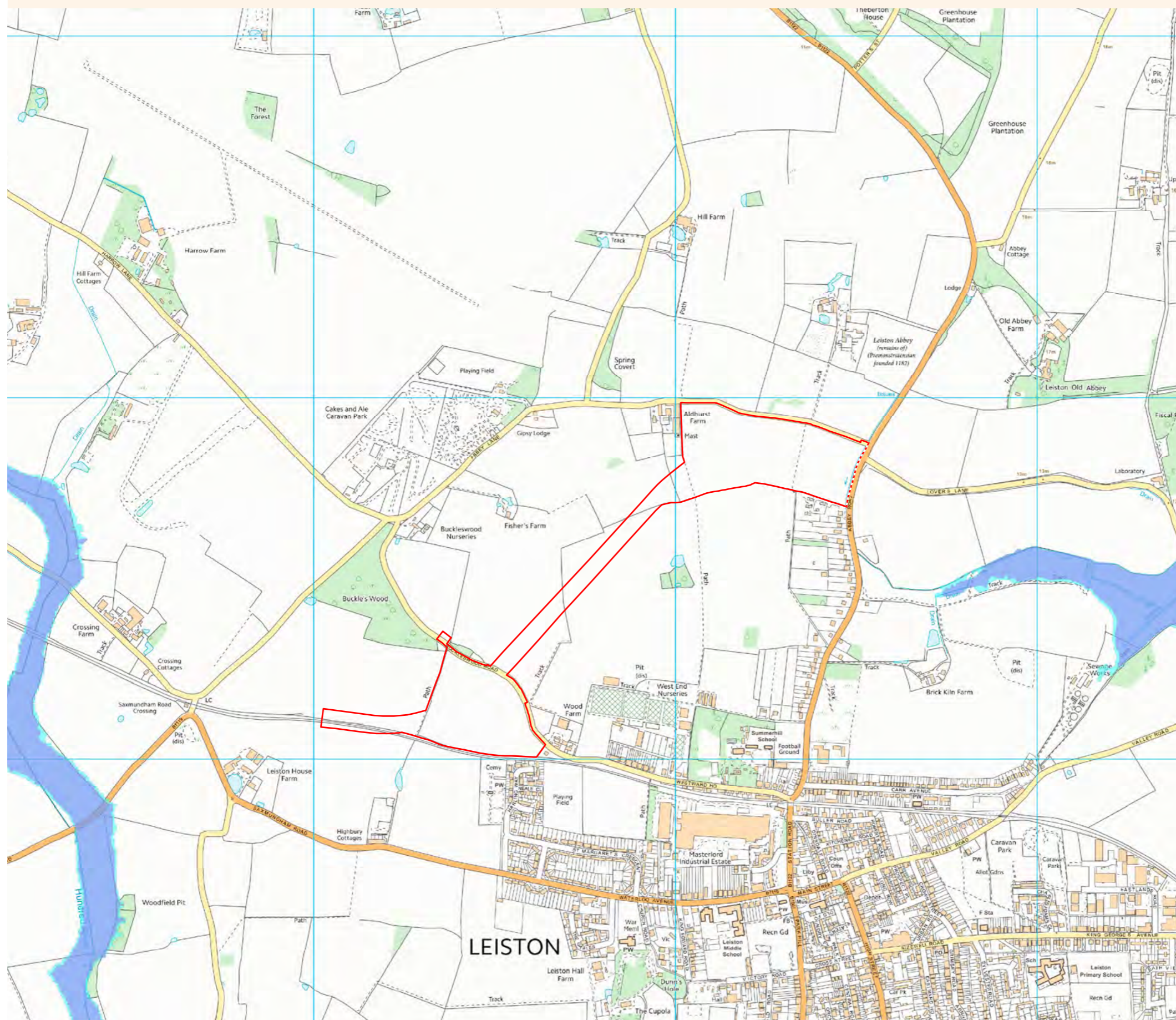


Figure 3.12.1 Flood risk from rivers or sea



NOTES

KEY

- GREEN RAIL ROUTE SITE BOUNDARY
- - - DEMARCATION LINE
- FLOOD ZONE 2
- FLOOD ZONE 3

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 CHAPTER 3
 GREEN RAIL ROUTE PEI
 FLOOD RISK

DRAWING TITLE:
 FLOOD RISK FROM RIVERS OR SEA

DRAWING NO:
 FIGURE 3.12.1

DATE: NOV 2018 DRAWN: N.J. SCALE: 1:10,000 @A3

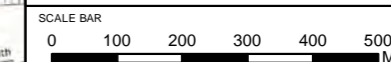


Figure 3.12.2 Flood risk from surface water

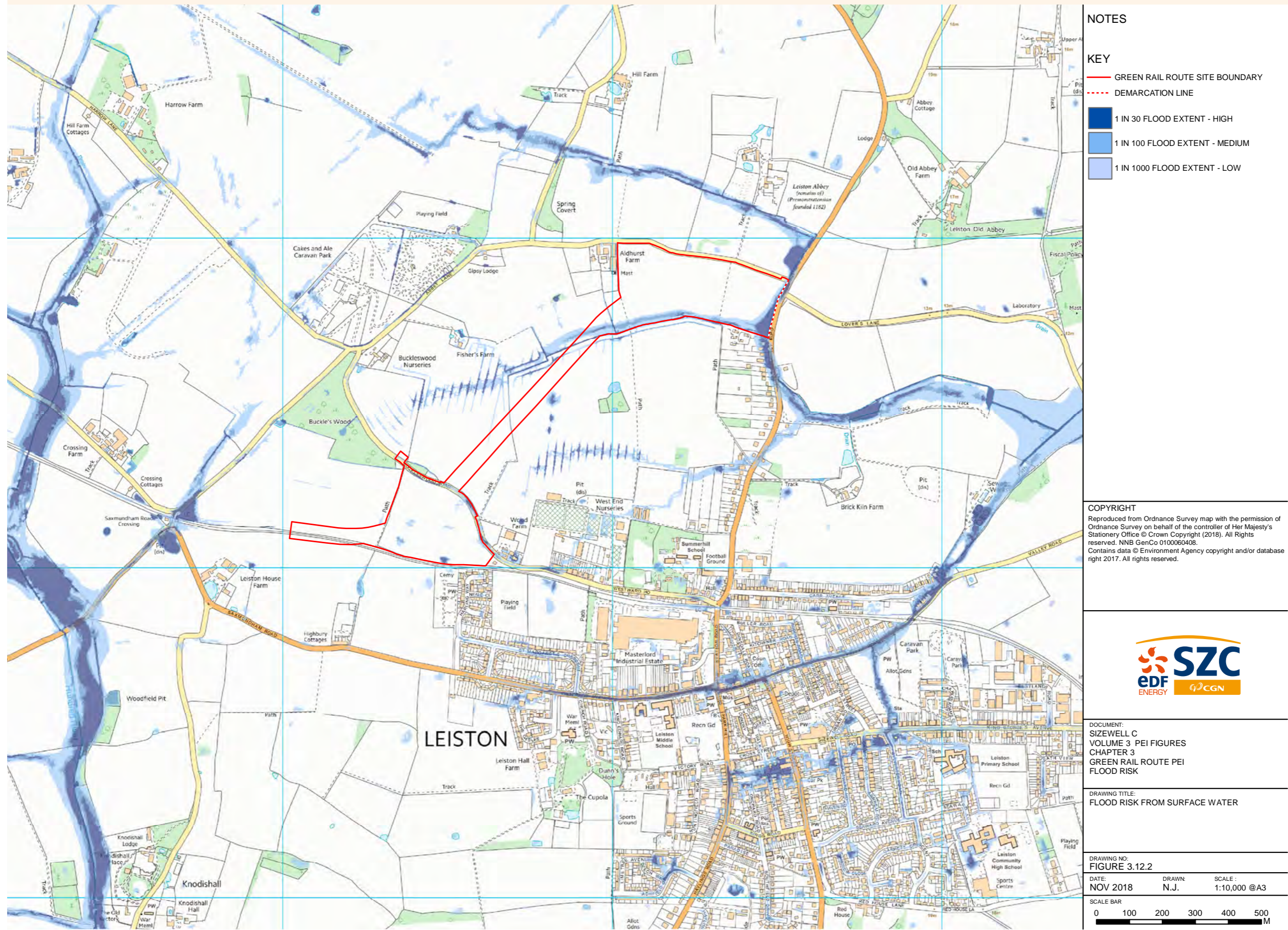
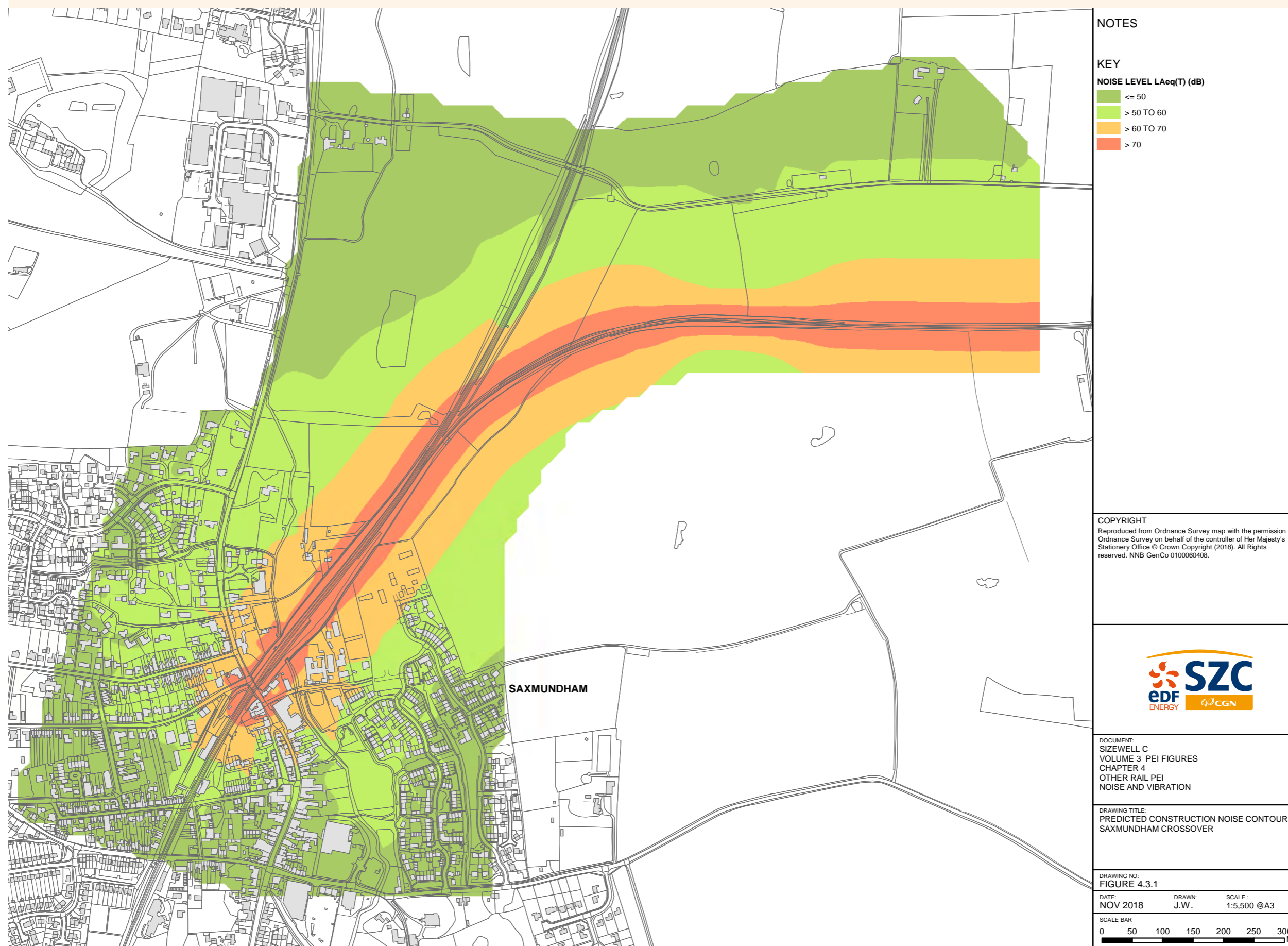


Figure 4.3.1 Predicted construction noise contours - Saxmundham crossover



NOTES

KEY

NOISE LEVEL LAeq(T) (dB)

Light Green	<= 50
Medium Green	> 50 TO 60
Orange	> 60 TO 70
Red	> 70

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 CHAPTER 4
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 NOISE AND VIBRATION

DRAWING TITLE:
 PREDICTED CONSTRUCTION NOISE CONTOURS -
 SAXMUNDHAM CROSSOVER

DRAWING NO:
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DATE: NOV 2018 **DRAWN:** J.W. **SCALE:** 1:5,500 @A3

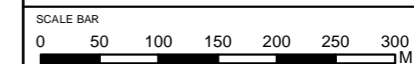
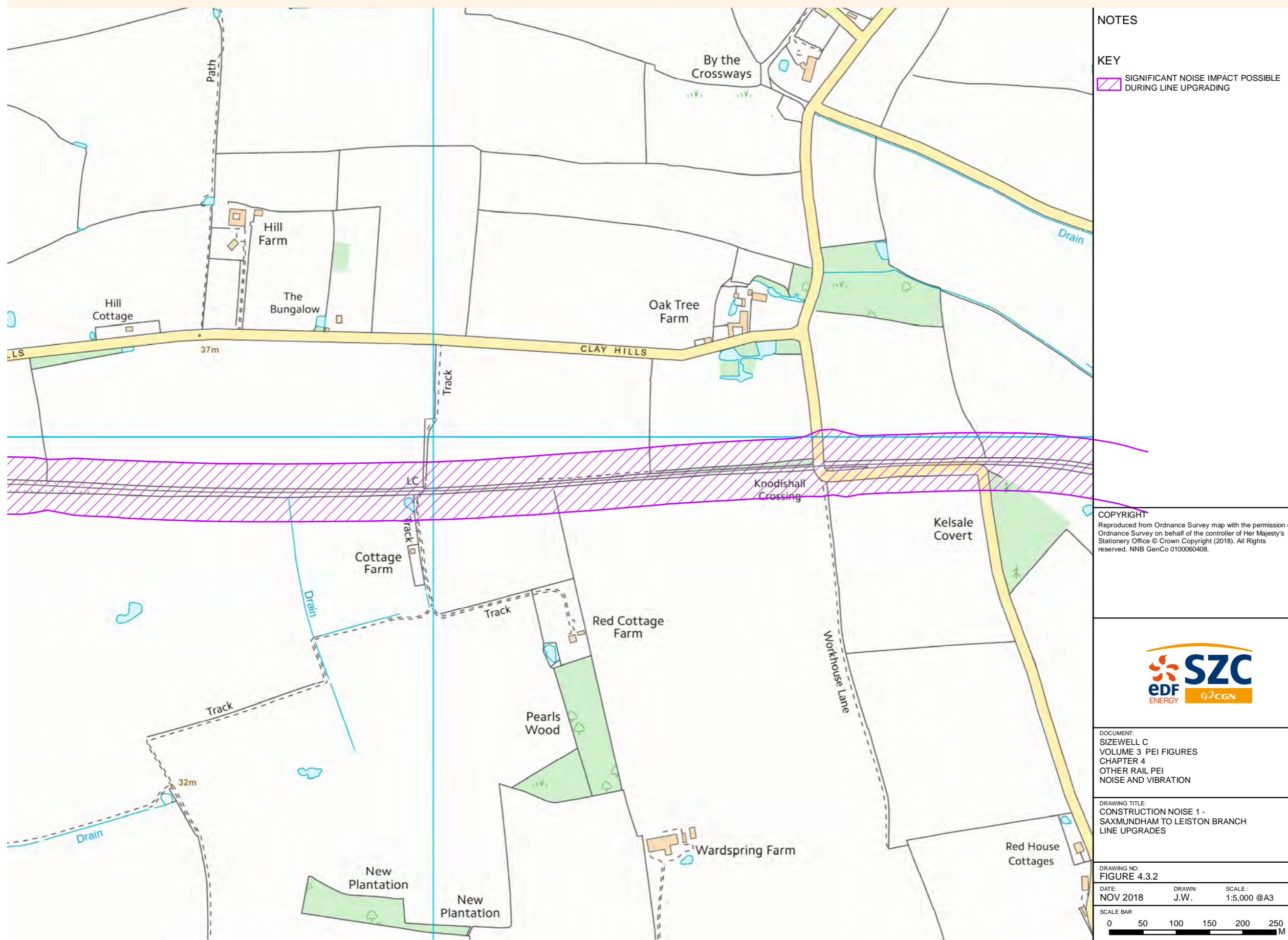


Figure 4.3.2 Construction noise 1 - Saxmundham to Leiston branch line upgrades



NOTES

KEY

SIGNIFICANT NOISE IMPACT POSSIBLE DURING LINE UPGRADING

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 CHAPTER 4
 OTHER RAIL PEI
 NOISE AND VIBRATION

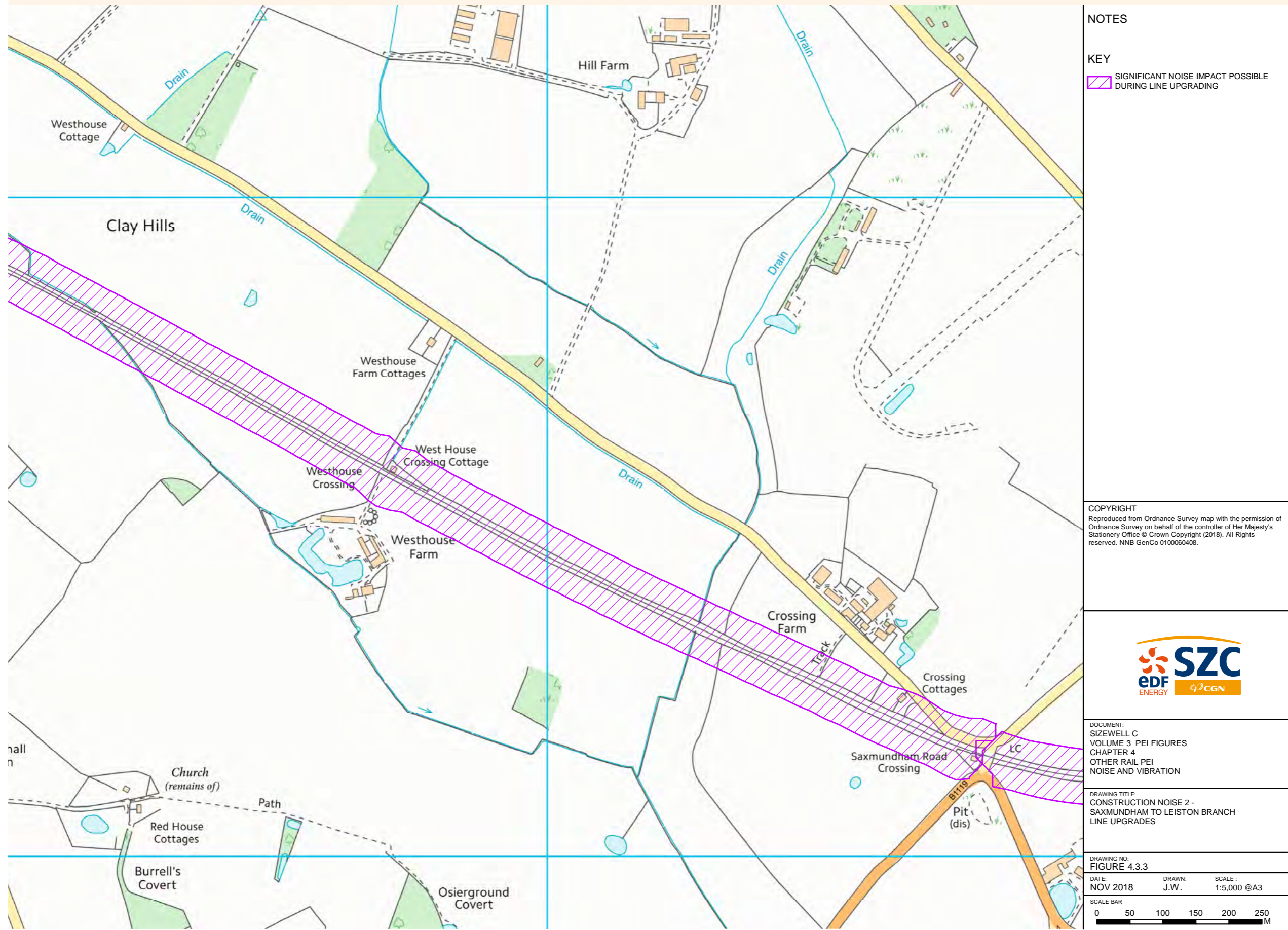
DRAWING TITLE:
 CONSTRUCTION NOISE 1 -
 SAXMUNDHAM TO LEISTON BRANCH
 LINE UPGRADES

DRAWING NO:
 FIGURE 4.3.2

DATE: NOV 2018 DRAWN: J.W. SCALE: 1:5,000 @A3

SCALE BAR
 0 50 100 150 200 250
 M

Figure 4.3.3 Construction noise 2 - Saxmundham to Leiston branch line upgrades



NOTES

KEY
 SIGNIFICANT NOISE IMPACT POSSIBLE DURING LINE UPGRADING

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 CHAPTER 4
 OTHER RAIL PEI
 NOISE AND VIBRATION

DRAWING TITLE:
 CONSTRUCTION NOISE 2 -
 SAXMUNDHAM TO LEISTON BRANCH
 LINE UPGRADES

DRAWING NO:
 FIGURE 4.3.3

DATE: NOV 2018 **DRAWN:** J.W. **SCALE:** 1:5,000 @A3



Figure 4.3.4 Construction noise 3 - Saxmundham to Leiston branch line upgrades



NOTES

KEY

SIGNIFICANT NOISE IMPACT POSSIBLE DURING LINE UPGRADING

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 CHAPTER 4
 OTHER RAIL PEI
 NOISE AND VIBRATION

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 CONSTRUCTION NOISE 3 -
 SAXMUNDHAM TO LEISTON BRANCH
 LINE UPGRADES

DRAWING NO:
 FIGURE 4.3.4

DATE: NOV 2018 DRAWN: J.W. SCALE: 1:6,000 @A3

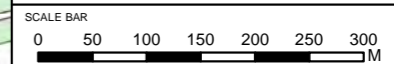
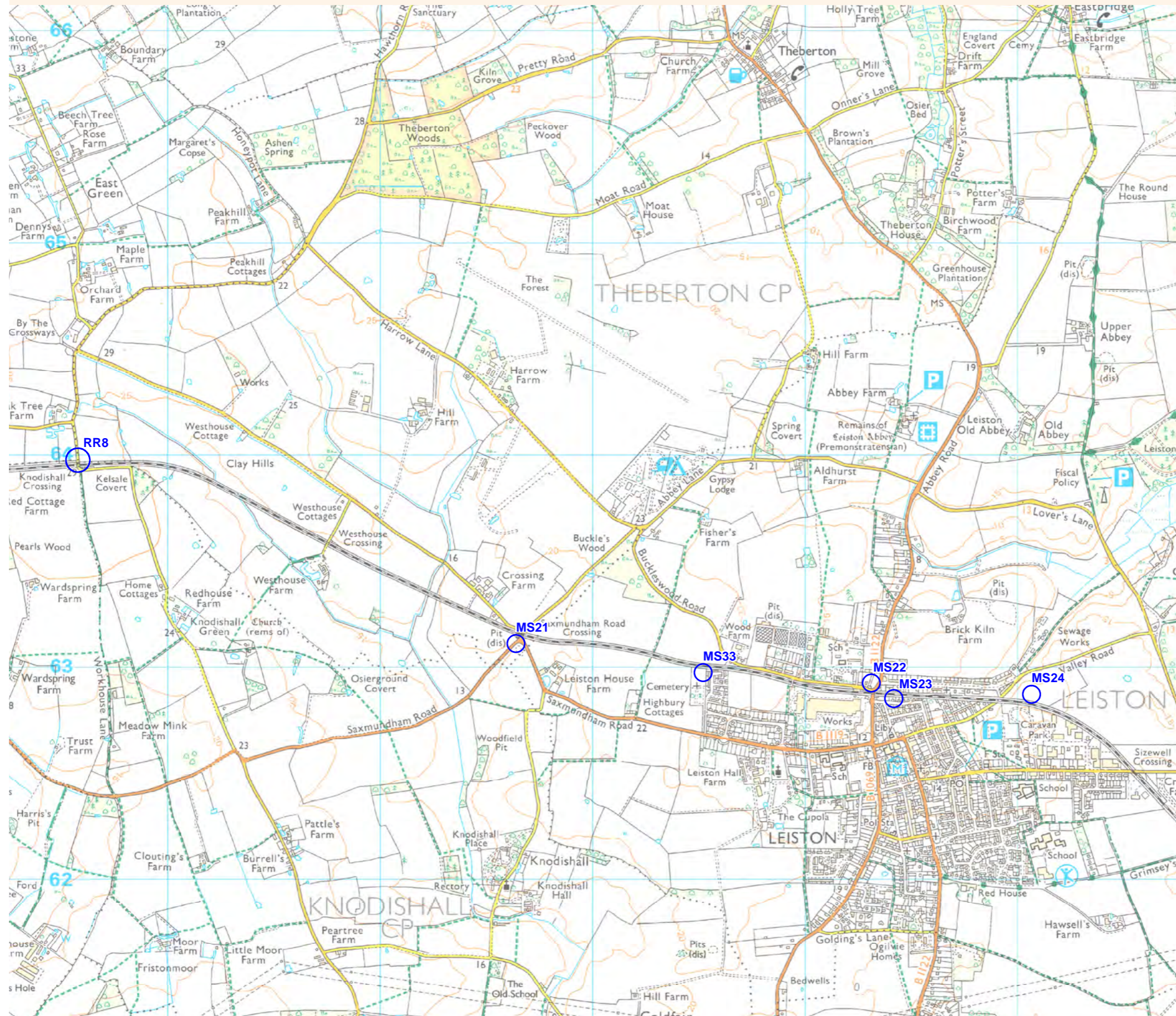


Figure 4.3.5 Noise monitoring locations –Saxmundham to Leiston branch line upgrades



NOTES

KEY

NOISE MONITORING LOCATION

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 NOISE AND VIBRATION

DRAWING TITLE:
 NOISE MONITORING LOCATIONS -
 SAXMUNDHAM TO LEISTON BRANCH
 LINE UPGRADES

DRAWING NO:
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DATE: NOV 2018 DRAWN: J.W. SCALE: 1:17,000 @A3

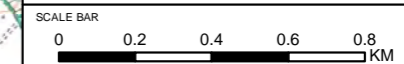
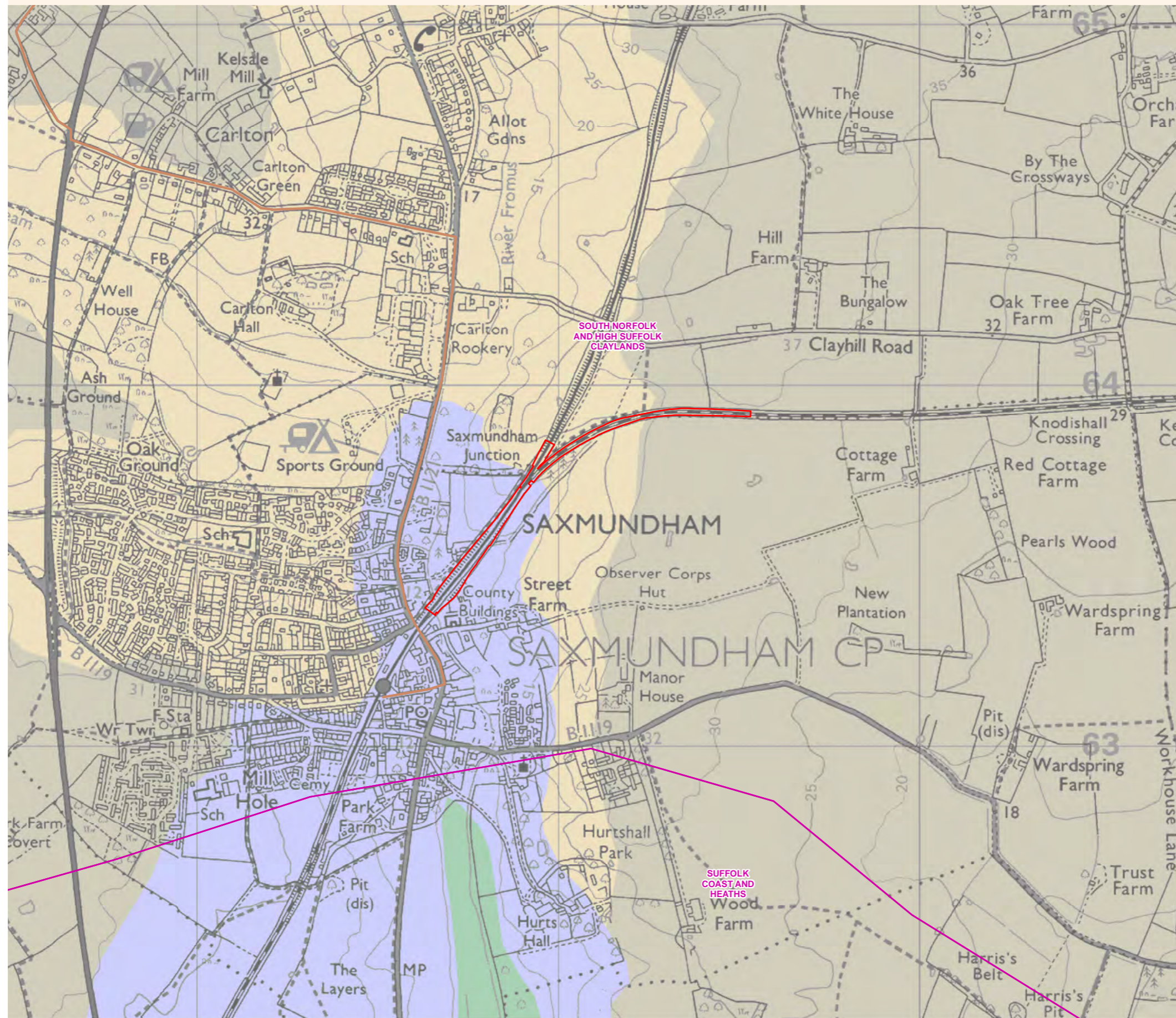


Figure 4.5.1 Landscape and visual receptors - Saxmundham crossover



NOTES
Suffolk County Landscape Types have been modified in agreement with Suffolk County Council. Estuaries and stretches of river below the low water mark have been attributed to the appropriate Landscape Type to provide consistent and comprehensive mapping of the terrestrial environment.

- KEY**
- OTHER RAIL IMPROVEMENTS
 - NATIONAL CHARACTER AREAS (NATURAL ENGLAND)
- LANDSCAPE TYPES**
- ANCIENT ESTATE CLAYLANDS
 - ROLLING ESTATE CLAYLANDS
 - ROLLING ESTATE SANDLANDS
 - VALLEY MEADOW LANDS
 - SUSTRANS LINKS TO NATIONAL CYCLE ROUTE (ON-ROAD AND OFF-ROAD)

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OTHER RAIL PEI
LANDSCAPE AND VISUAL

DRAWING TITLE:
LANDSCAPE AND VISUAL RECEPTORS -
SAXMUNDHAM CROSSOVER

DRAWING NO:
FIGURE 4.5.1

DATE: NOV 2018 **DRAWN:** V.W. **SCALE:** 1:10,000 @A3

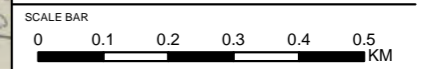


Figure 4.5.2 Landscape and visual receptors - passing loop

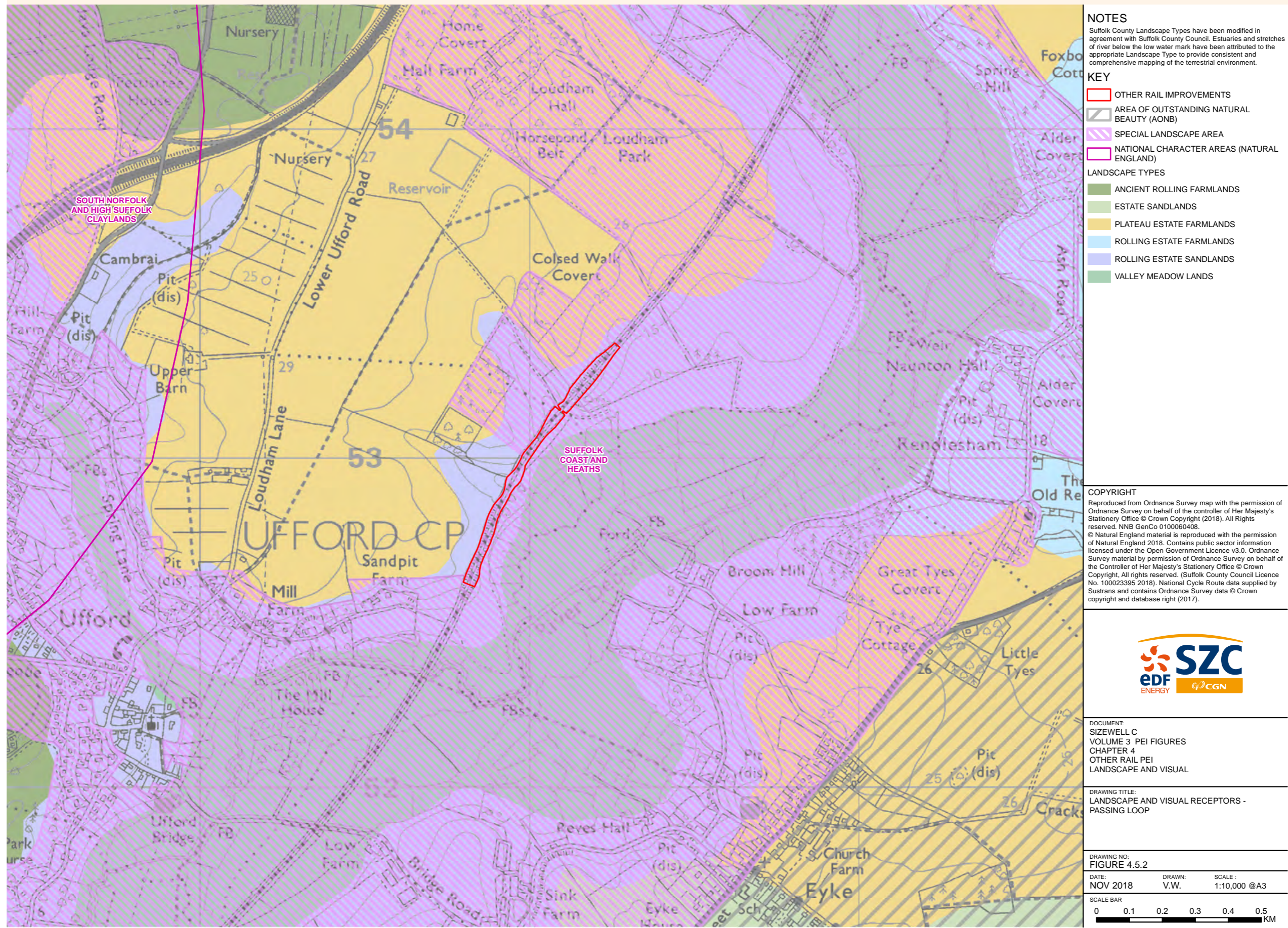


Figure 4.6.1 International and national statutory designated sites within 5km radius and non-statutory designated sites within 2km radius – passing loop

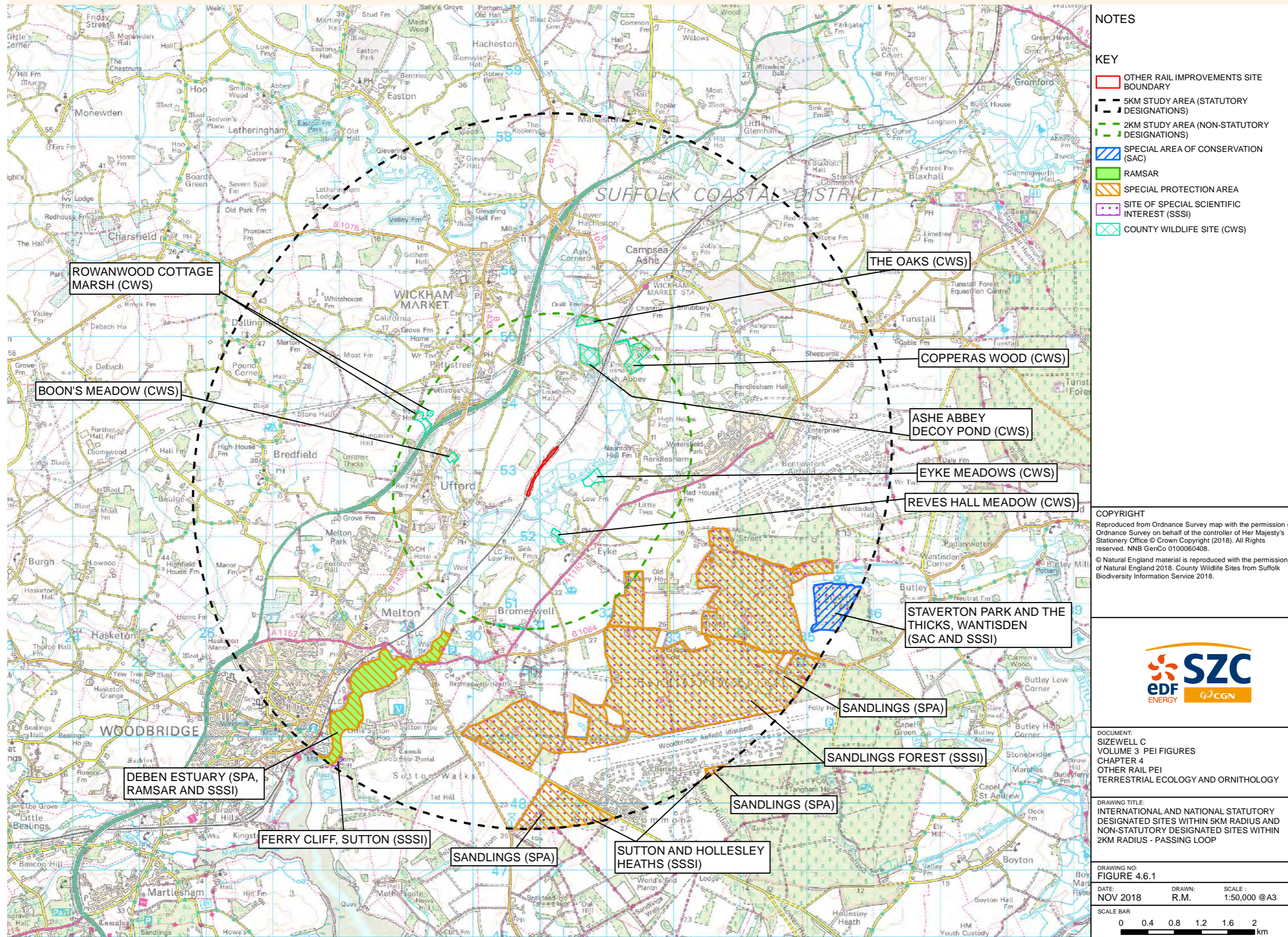


Figure 4.6.2 International and national statutory designated sites within 5km radius and non-statutory designated sites within 2km radius – Saxmundham crossover

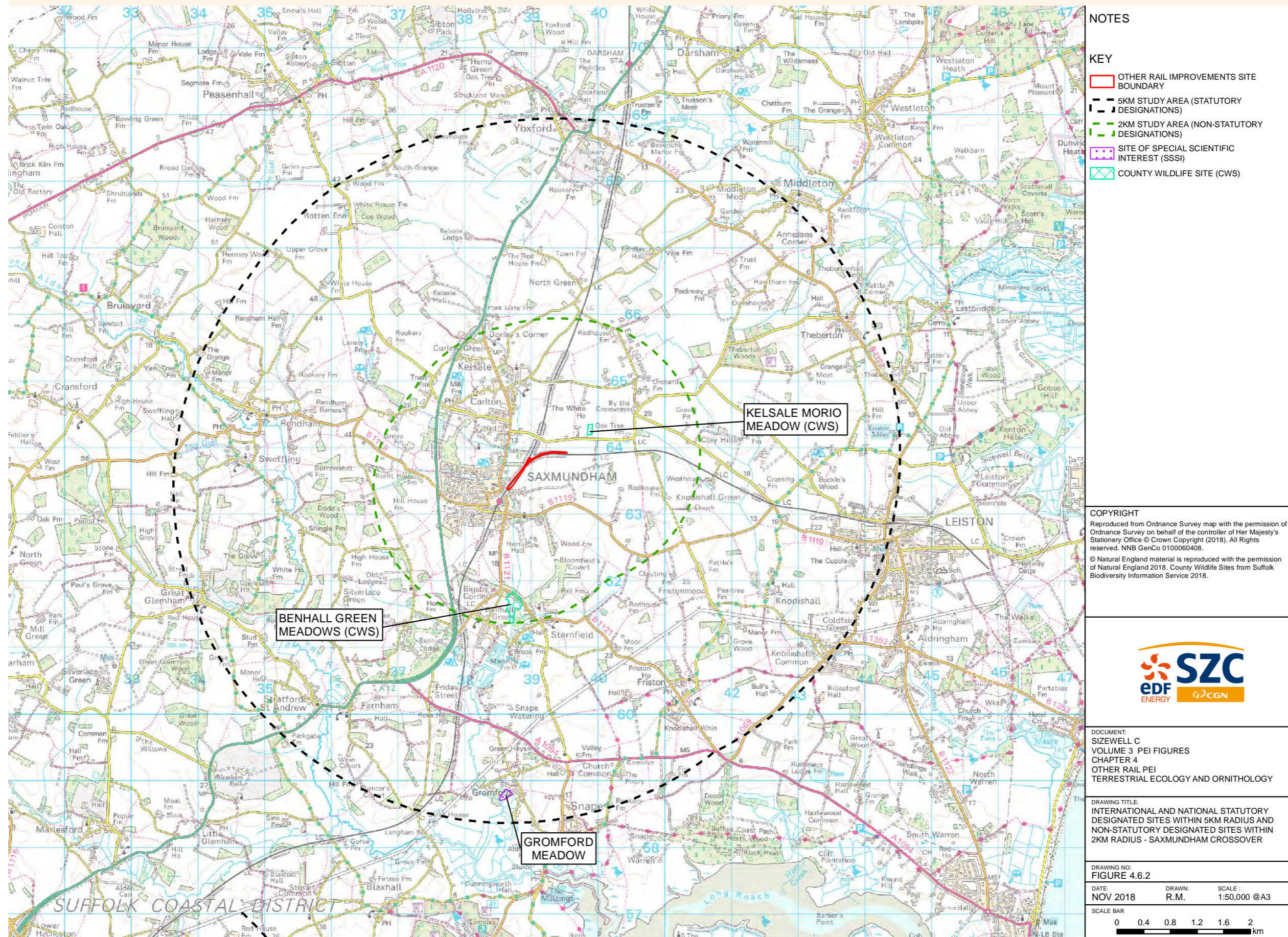


Figure 4.12.1 Approximate locations of rail improvements



NOTES

- KEY**
- OTHER RAIL IMPROVEMENTS
 - ▲ BRIDGE STRENGTHENING
 - NETWORK RAIL LEVEL CROSSINGS

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 CHAPTER 4
 OTHER RAIL PEI
 FLOOD RISK

DRAWING TITLE:
 APPROXIMATE LOCATIONS OF RAIL
 IMPROVEMENTS

DRAWING NO.:
 FIGURE 4.12.1

DATE: NOV 2018 **DRAWN:** N.J. **SCALE:** 1:125,000 @A3

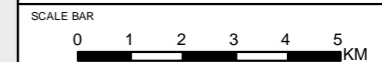


Figure 5.2.1 Landscape and visual receptors

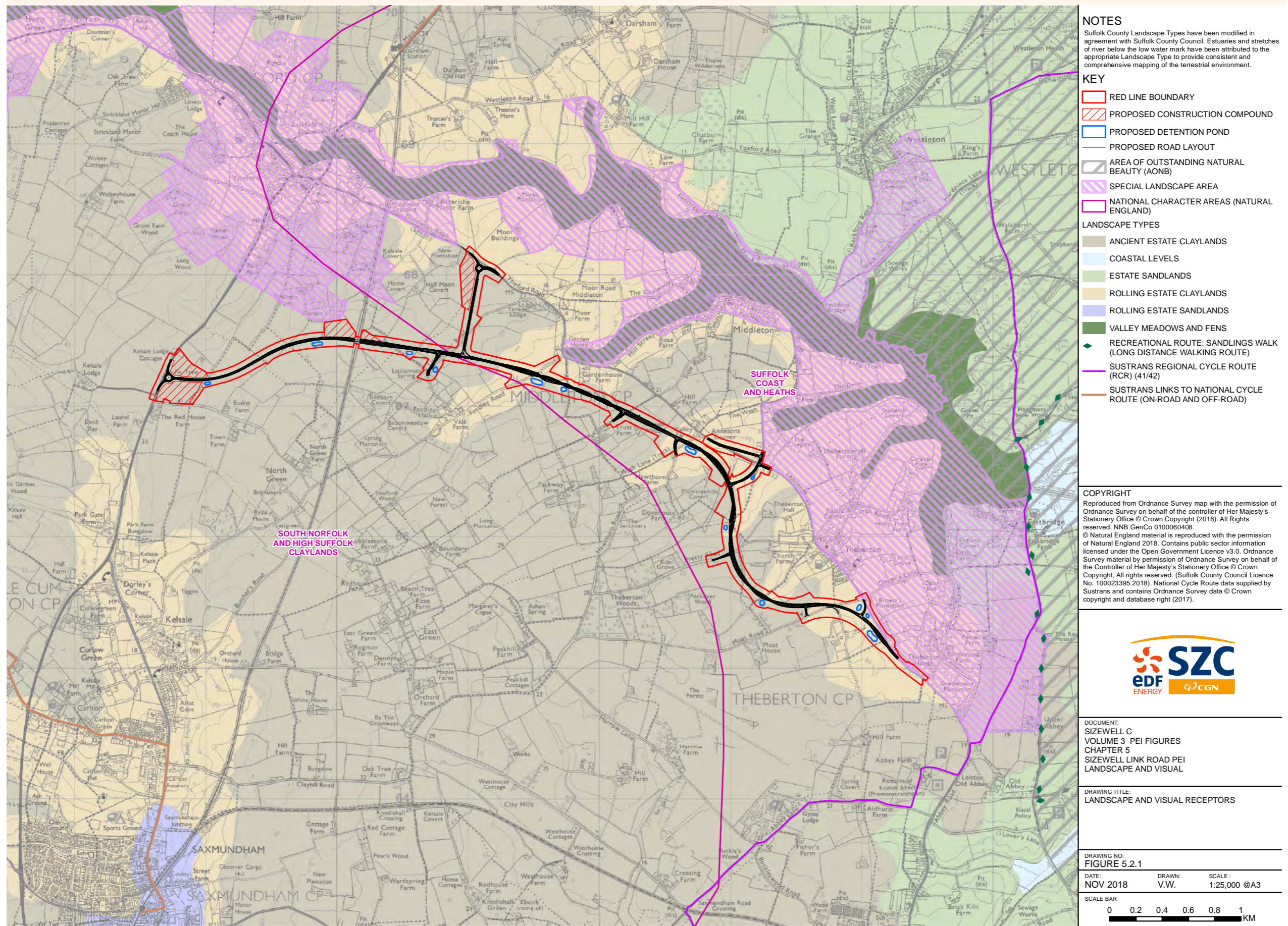


Figure 5.3.1 International and national statutory designated sites within 5km radius

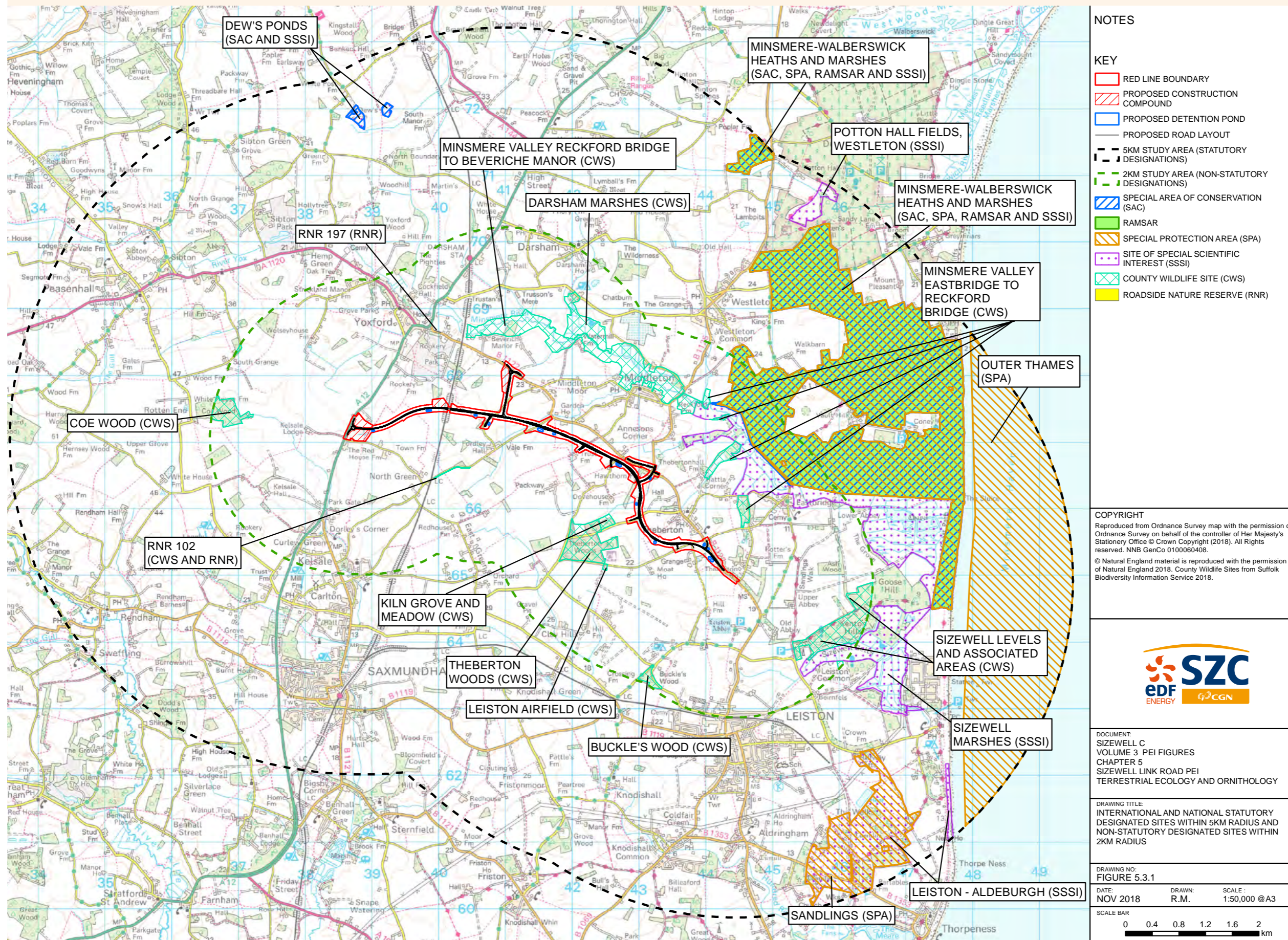


Figure 5.4.1 Amenity and recreation resources

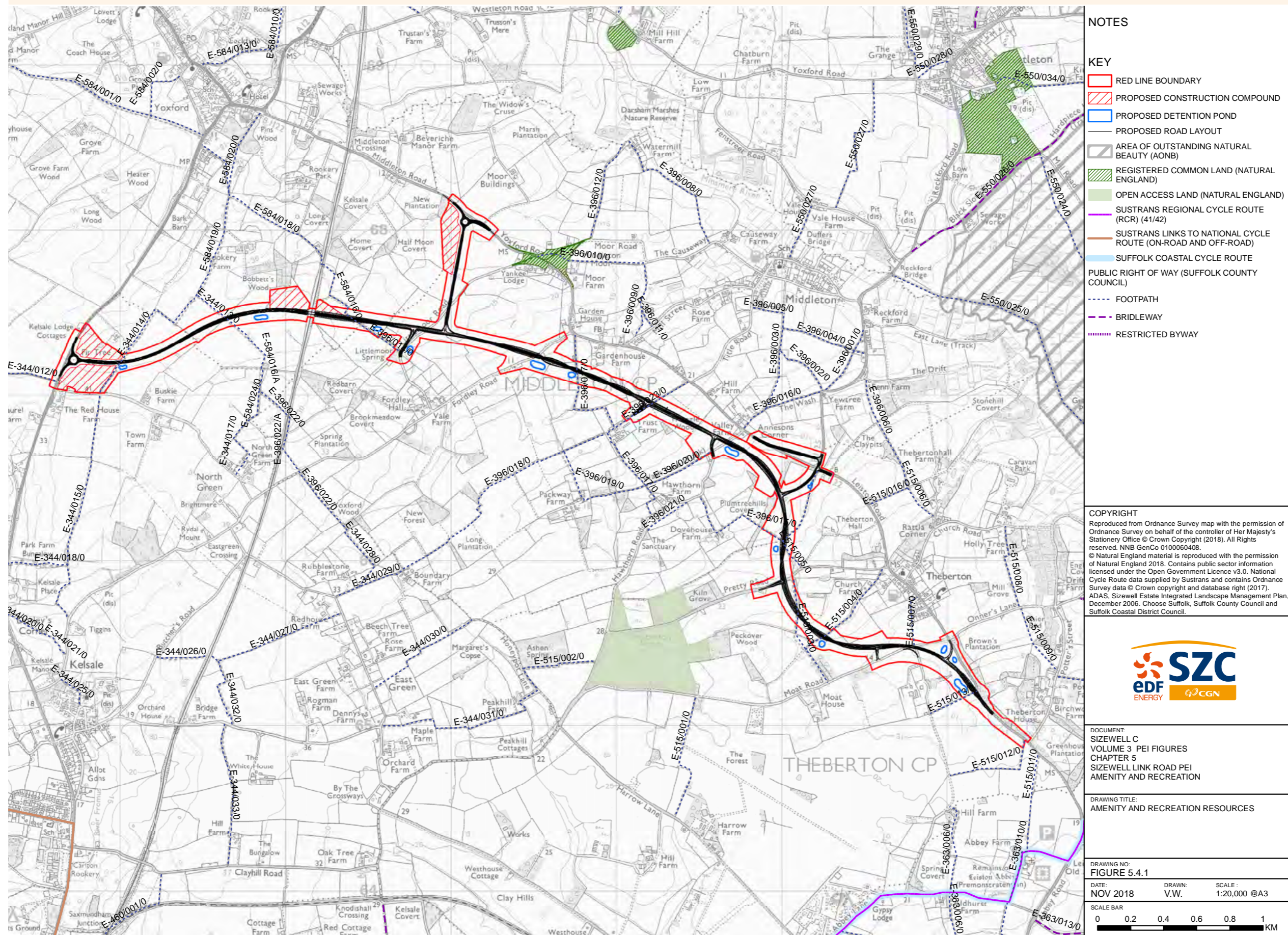
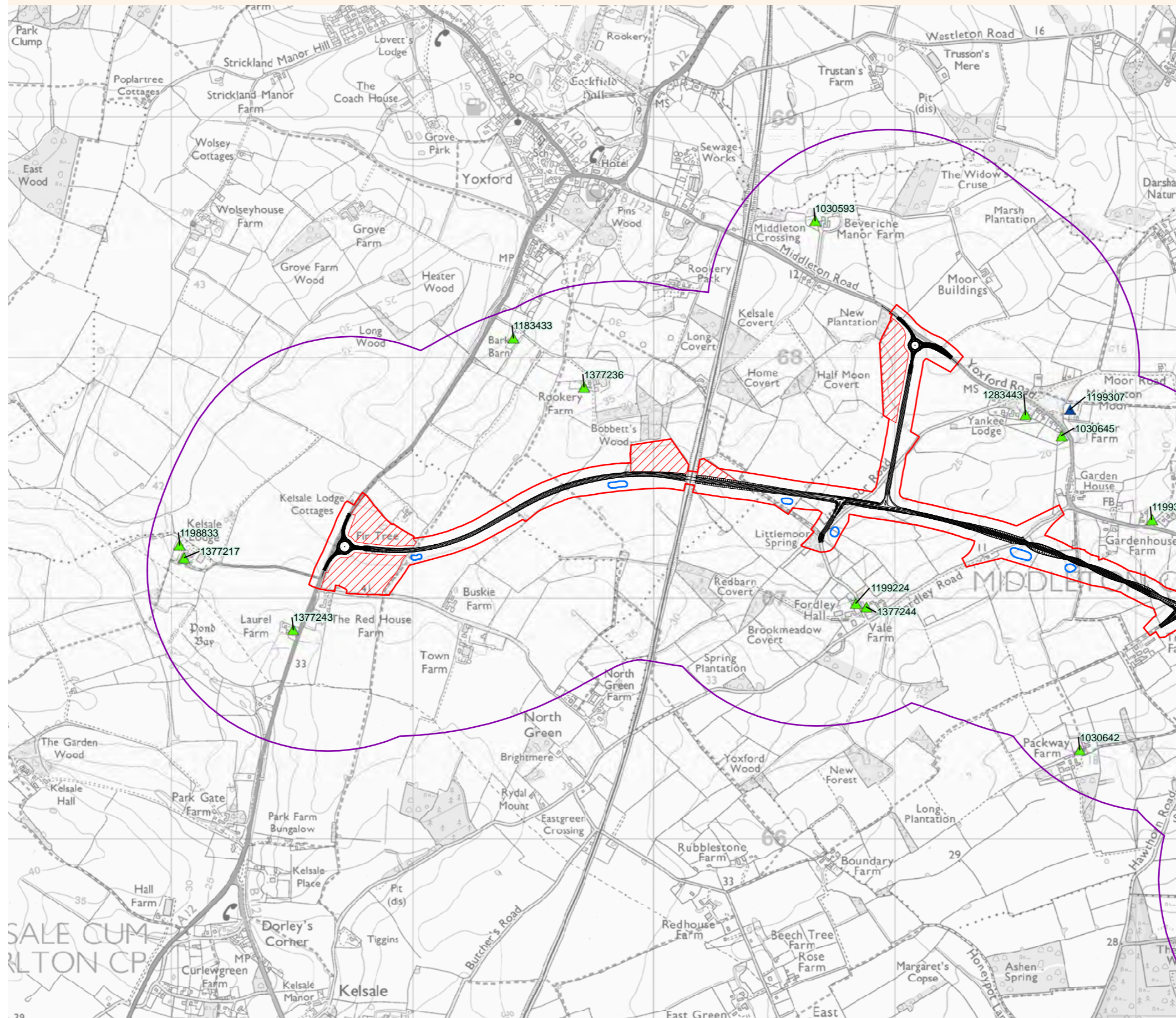


Figure 5.5.1 Designated heritage assets plan 1



NOTES

KEY

- PROPOSED ROAD LAYOUT
- ▭ RED LINE BOUNDARY
- ▨ PROPOSED CONSTRUCTION COMPOUND
- ▭ PROPOSED DETENTION POND
- ▭ 750M STUDY AREA
- ▲ GRADE II* LISTED BUILDING
- ▲ GRADE II LISTED BUILDING

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VOLUME 3 PEI FIGURES
CHAPTER 5
SIZEWELL LINK ROAD PEI
TERRESTRIAL HISTORIC ENVIRONMENT

DRAWING TITLE:
DESIGNATED HERITAGE ASSETS PLAN 1

DRAWING NO:
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DATE: NOV 2018 DRAWN: J.P. SCALE: 1:15,000 @A3

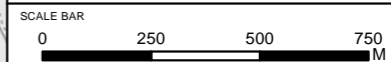
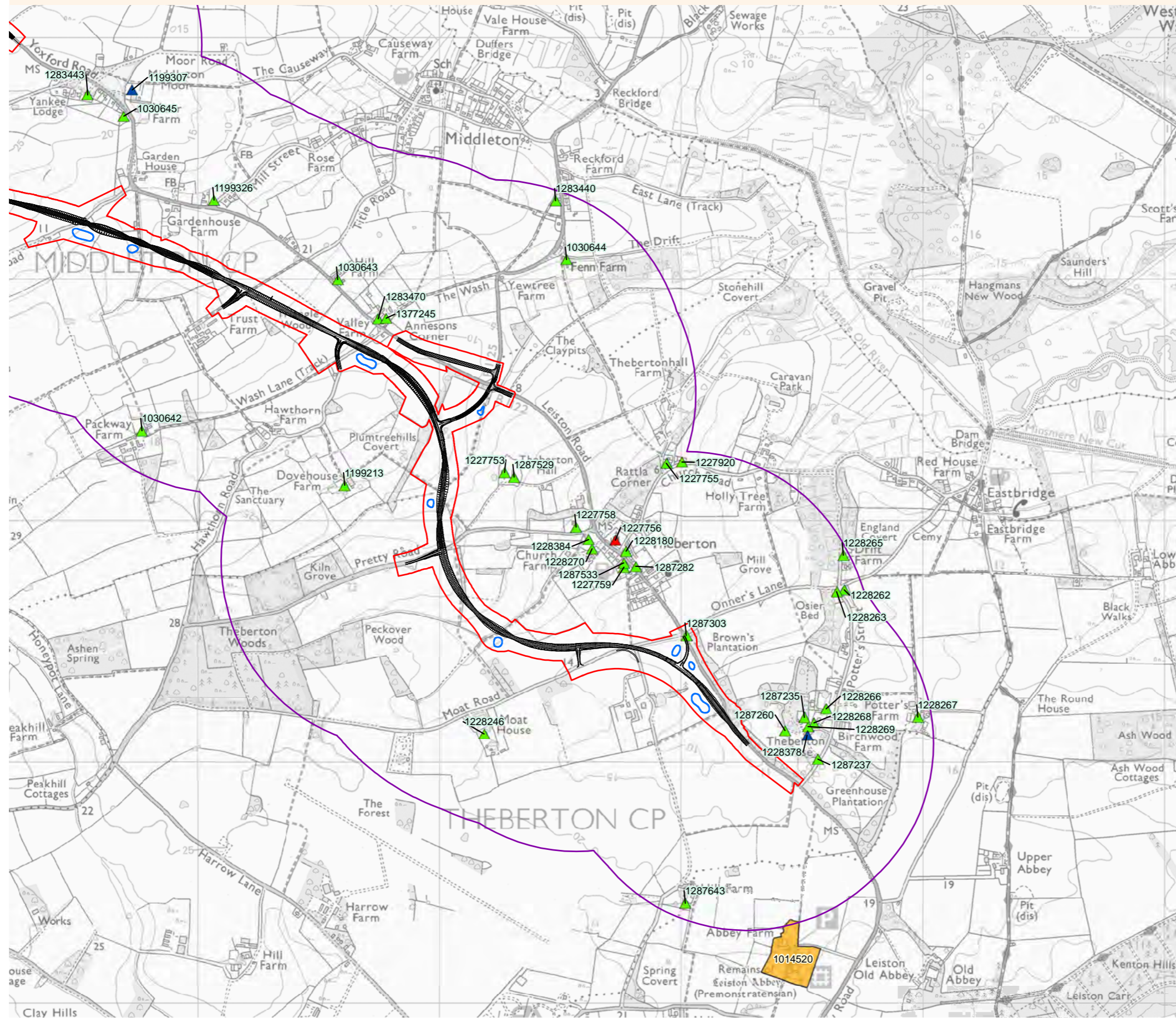


Figure 5.5.2 Designated heritage assets plan 2



NOTES

KEY

- PROPOSED ROAD LAYOUT
- ▭ RED LINE BOUNDARY
- ▨ PROPOSED CONSTRUCTION COMPOUND
- ▭ PROPOSED DETENTION POND
- ▭ 750M STUDY AREA
- ▲ GRADE I LISTED BUILDING
- ▲ GRADE II* LISTED BUILDING
- ▲ GRADE II LISTED BUILDING
- ▭ SCHEDULED MONUMENT

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DOCUMENT:
 SIZEWELL C
 VOLUME 3 PEI FIGURES
 CHAPTER 5
 SIZEWELL LINK ROAD PEI
 TERRESTRIAL HISTORIC ENVIRONMENT

DRAWING TITLE:
 DESIGNATED HERITAGE ASSETS PLAN 2

DRAWING NO:
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DATE: NOV 2018 DRAWN: J.P. SCALE: 1:15,000 @A3

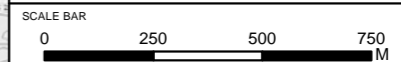
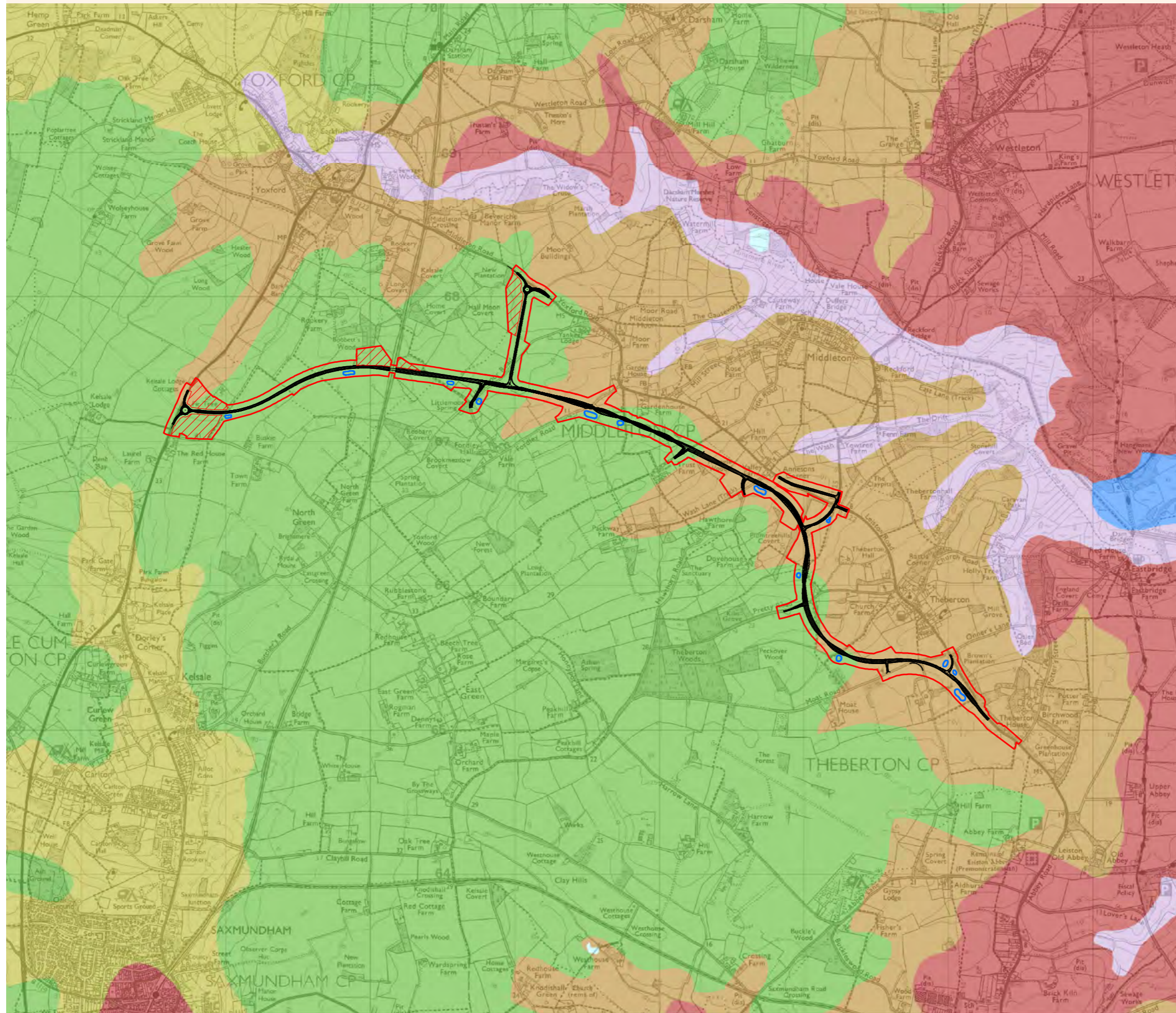


Figure 5.6.1 Soilscape mapping



NOTES

KEY

- RED LINE BOUNDARY
- PROPOSED CONSTRUCTION COMPOUND
- PROPOSED DETENTION POND
- PROPOSED ROAD LAYOUT
- SLOWLY PERMEABLE SEASONALLY WET SLIGHTLY ACID BUT BASE-RICH LOAMY AND CLAYEY SOILS
- FREELY DRAINING SLIGHTLY ACID BUT BASE-RICH SOILS
- FREELY DRAINING SLIGHTLY ACID SANDY SOILS
- FEN PEAT SOILS
- LOAMY AND CLAYEY SOILS OF COASTAL FLATS WITH NATURALLY HIGH GROUNDWATER
- LIME-RICH LOAMY AND CLAYEY SOILS WITH IMPEDED DRAINAGE
- WATER

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 SOILS AND AGRICULTURE

DRAWING TITLE:
 SOILSCAPE MAPPING

DRAWING NO:
 FIGURE 5.6.1

DATE: NOV 2018 DRAWN: M.S. SCALE: 1:25,000 @A3

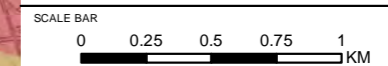


Figure 5.6.2 Provisional ALC mapping

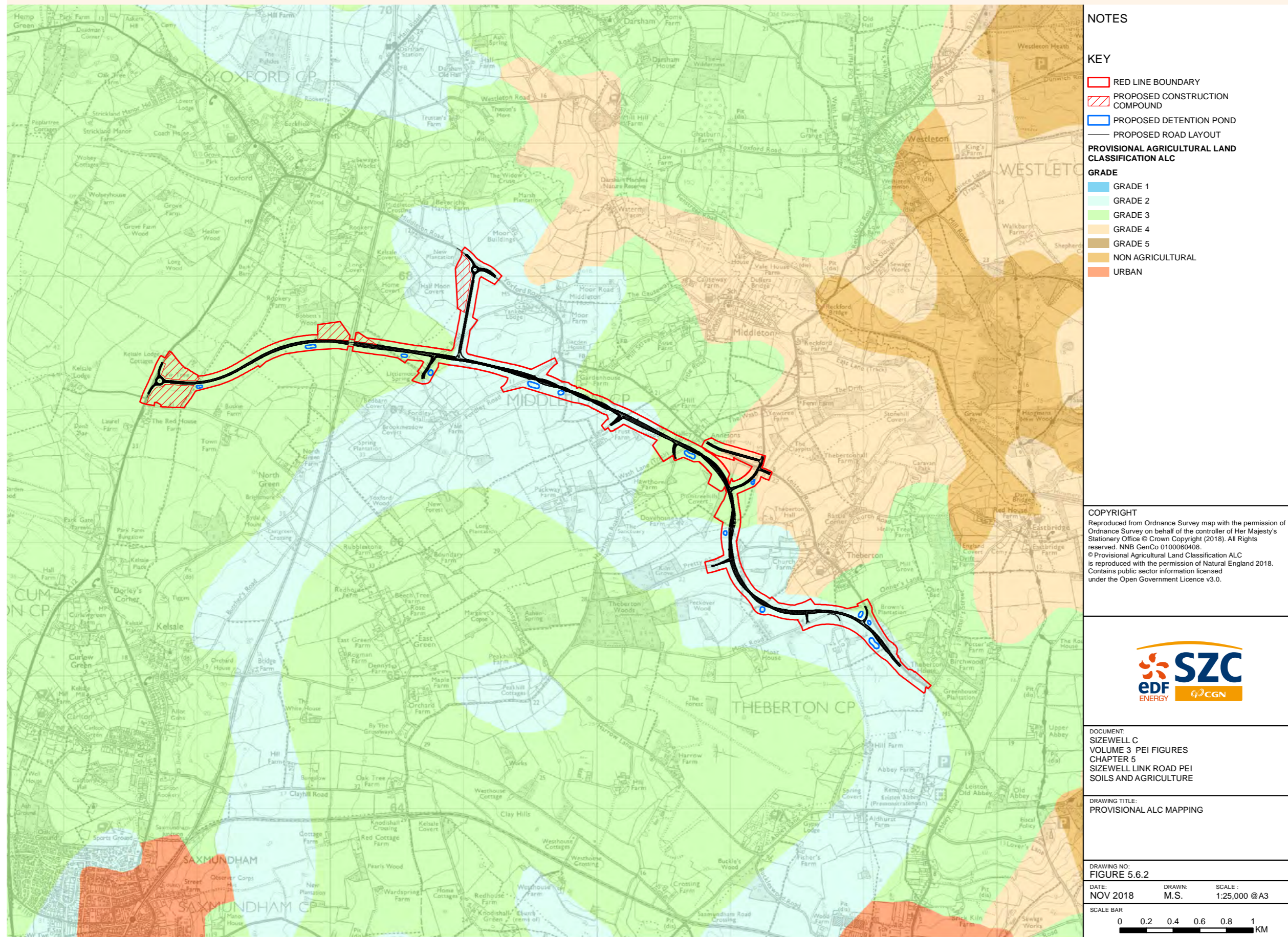


Figure 5.6.3 Agri-environment schemes

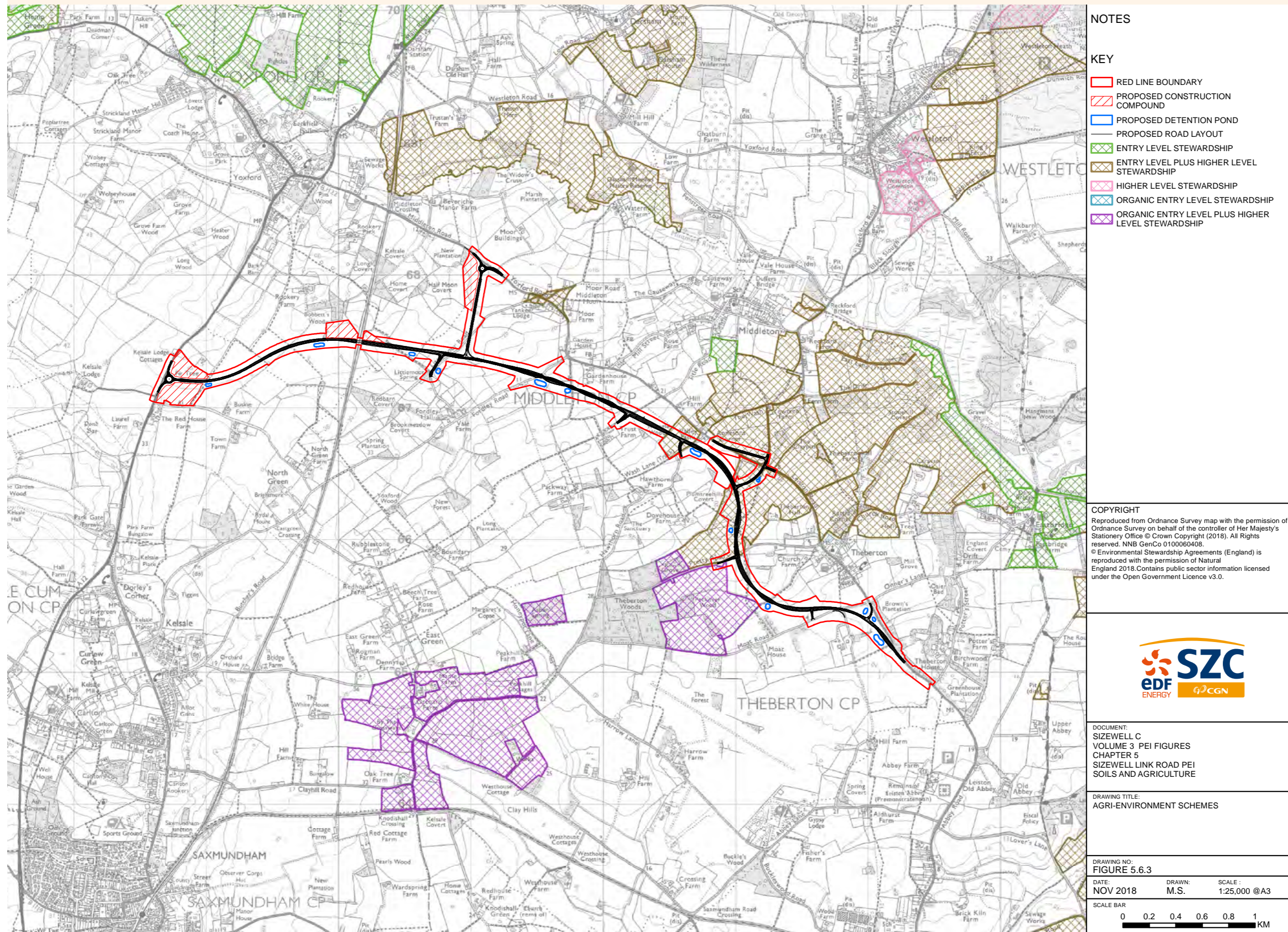
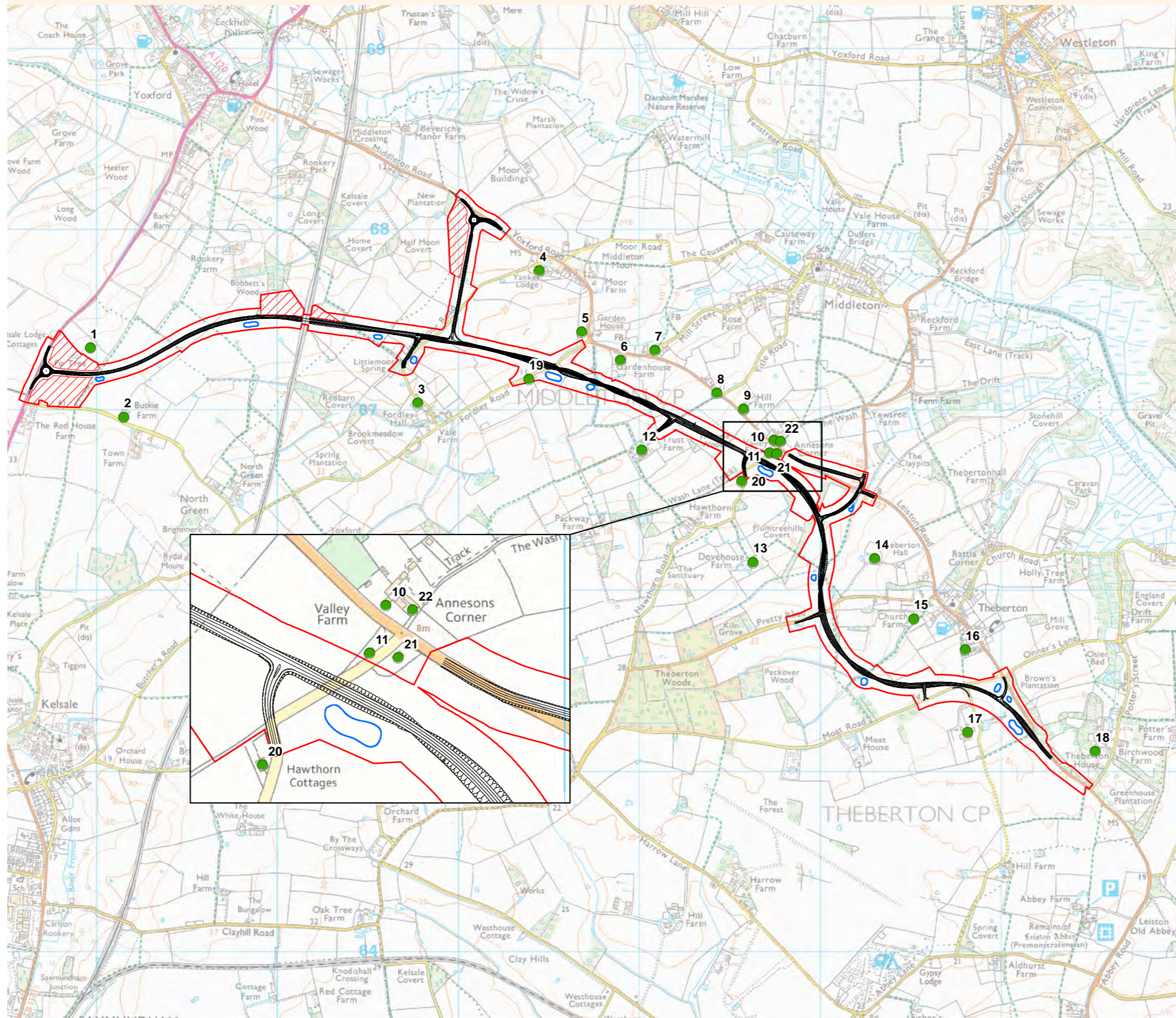


Figure 5.7.1 Noise receptor locations



NOTES

KEY

- RED LINE BOUNDARY
- PROPOSED CONSTRUCTION COMPOUND
- PROPOSED DETENTION POND
- PROPOSED ROAD LAYOUT
- NOISE RECEPTOR

NOISE RECEPTOR

- SLR 1. FIR TREE FARM
- SLR 2. BUSKIE FARM
- SLR 3. FORDLEY HALL
- SLR 4. NORWOOD HOUSE
- SLR 5. CROSS ROADS
- SLR 6. GARDEN HOUSE FARM
- SLR 7. MILL STREET
- SLR 8. YOXFORD ROAD
- SLR 9. HILL FARM
- SLR 10. VALLEY FARM
- SLR 11. HAWTHORN ROAD (1)
- SLR 12. TRUST FARM
- SLR 13. DOVEHOUSE FARM
- SLR 14. THEBERTON HALL
- SLR 15. CHURCH FARM
- SLR 16. DOUGHTY WYLIE CRESCENT
- SLR 17. THEBERTON GRANGE
- SLR 18. THEBERTON HOUSE
- SLR 19. HAWTHORN COTTAGES
- SLR 20. VALE COTTAGE
- SLR 21. HAWTHORN ROAD (2)
- SLR 22. ANNESONS CORNER

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CHAPTER 5
SIZEWELL LINK ROAD PEI
NOISE AND VIBRATION

DRAWING TITLE:
NOISE RECEPTOR LOCATIONS

DRAWING NO:
FIGURE 5.7.1

DATE: NOV 2018 DRAWN: J.W. SCALE: 1:20,000 @A3

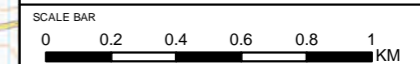
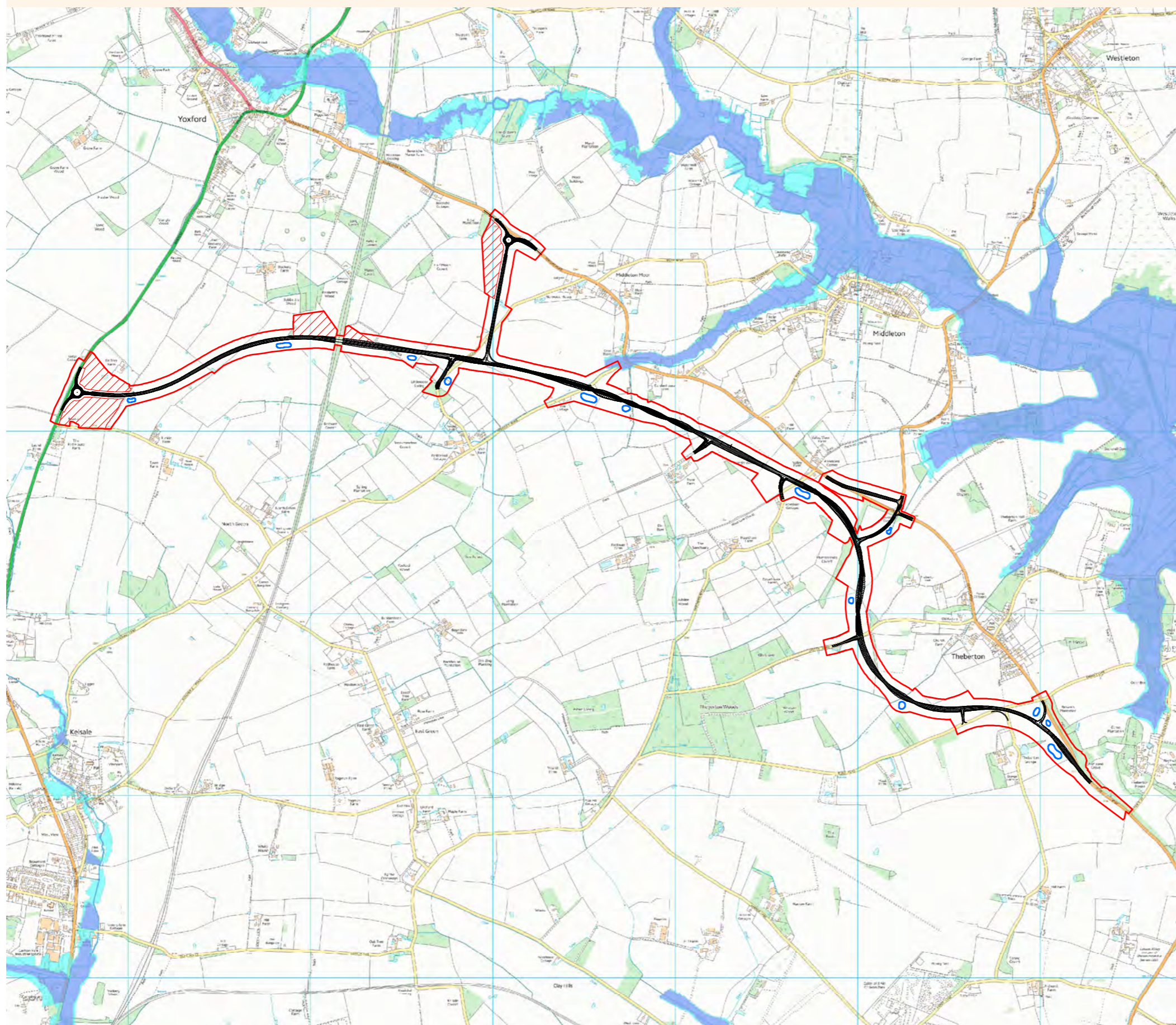


Figure 5.12.1 Flood risk from rivers or sea



NOTES

KEY

- RED LINE BOUNDARY
- PROPOSED CONSTRUCTION COMPOUND
- PROPOSED DETENTION POND
- PROPOSED ROAD LAYOUT
- FLOOD ZONE 2
- FLOOD ZONE 3

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 CHAPTER 5
 SIZEWELL LINK ROAD PEI
 FLOOD RISK

DRAWING TITLE:
 FLOOD RISK FROM RIVERS OR SEA

DRAWING NO:
 FIGURE 5.12.1

DATE: NOV 2018 DRAWN: N.J. SCALE: 1:20,000 @A3

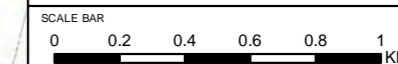


Figure 5.12.2 Flood risk from surface water

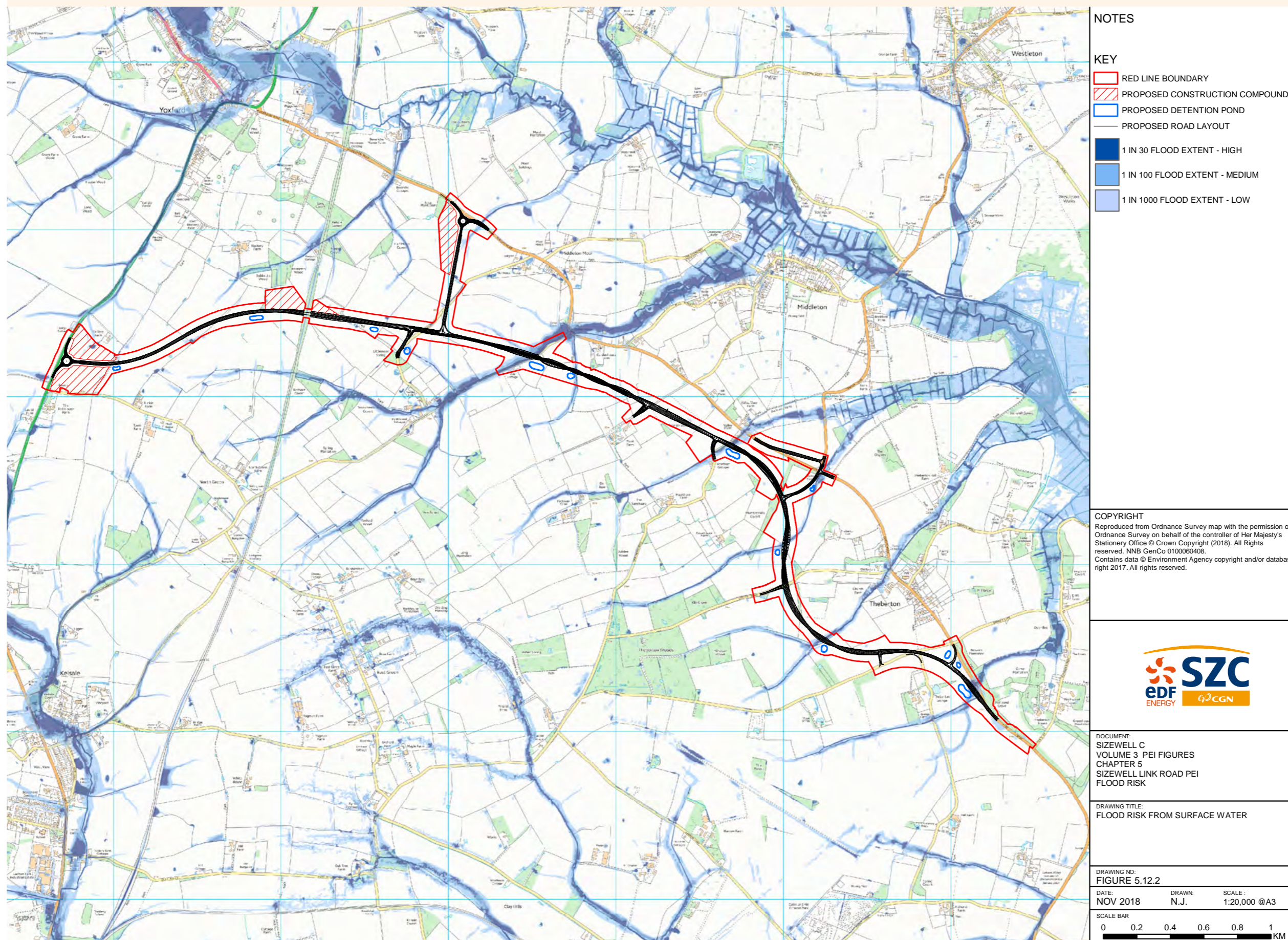
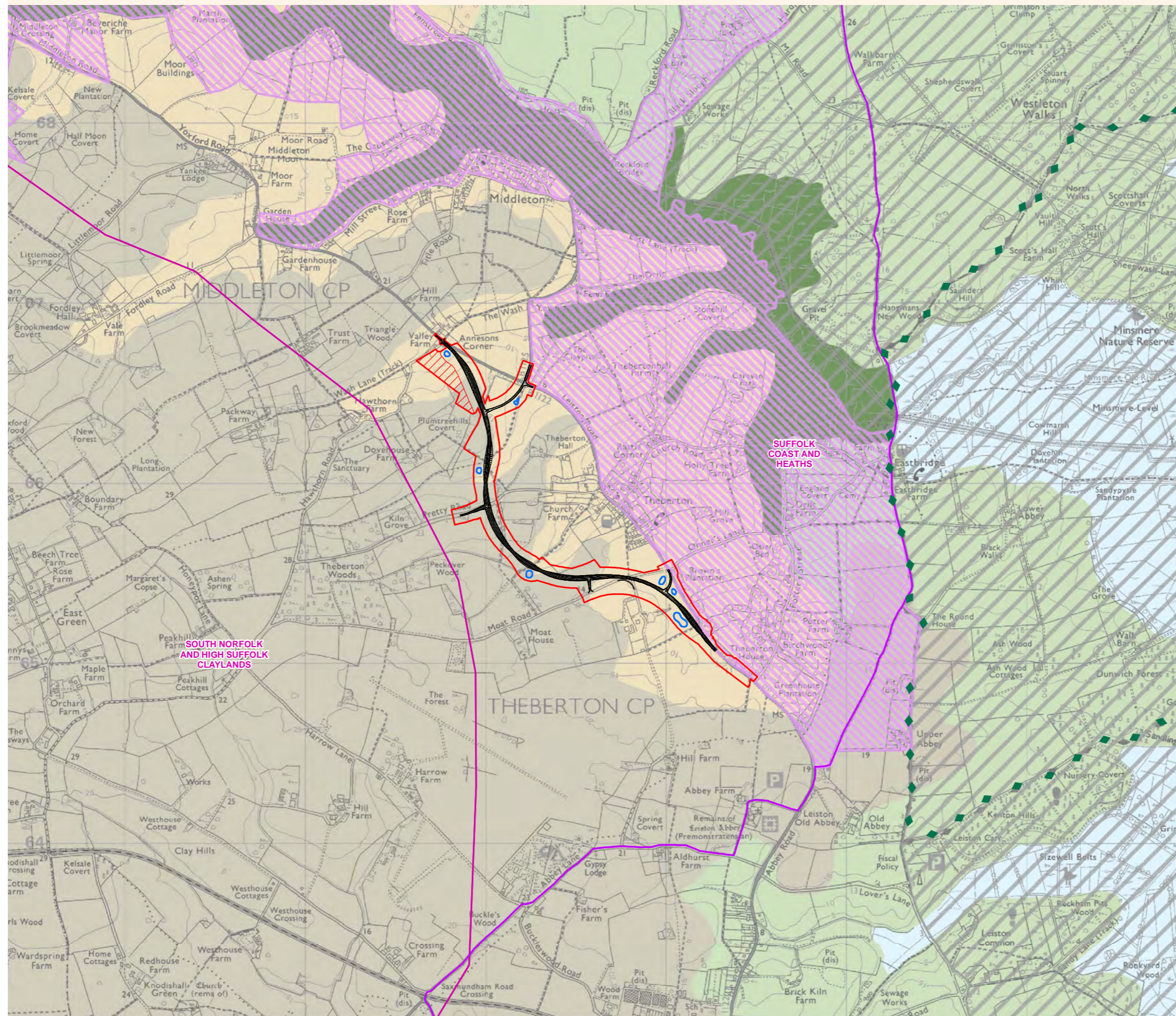


Figure 6.2.1 Landscape and visual receptors



NOTES

Suffolk County Landscape Types have been modified in agreement with Suffolk County Council. Estuaries and stretches of river below the low water mark have been attributed to the appropriate Landscape Type to provide consistent and comprehensive mapping of the terrestrial environment.

KEY

- RED LINE BOUNDARY
 - PROPOSED CONSTRUCTION COMPOUND
 - PROPOSED DRAINAGE BOUNDARY
 - PROPOSED ROAD LAYOUT
 - AREA OF OUTSTANDING NATURAL BEAUTY (AONB)
 - SPECIAL LANDSCAPE AREA
 - NATIONAL CHARACTER AREAS (NATURAL ENGLAND)
- LANDSCAPE TYPES**
- ANCIENT ESTATE CLAYLANDS
 - COASTAL LEVELS
 - ESTATE SANDLANDS
 - ROLLING ESTATE CLAYLANDS
 - VALLEY MEADOWS AND FENS
 - RECREATIONAL ROUTE: SANDLINGS WALK (LONG DISTANCE WALKING ROUTE)
 - SUSTRANS REGIONAL CYCLE ROUTE (RCR) (41/42)

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 CHAPTER 6
 THEBERTON BYPASS PEI
 LANDSCAPE AND VISUAL

DRAWING TITLE:
 LANDSCAPE AND VISUAL RECEPTORS

DRAWING NO:
 FIGURE 6.2.1

DATE: NOV 2018 DRAWN: V.W. SCALE: 1:20,000 @A3

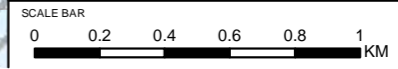


Figure 6.4.1 Amenity and recreation resources

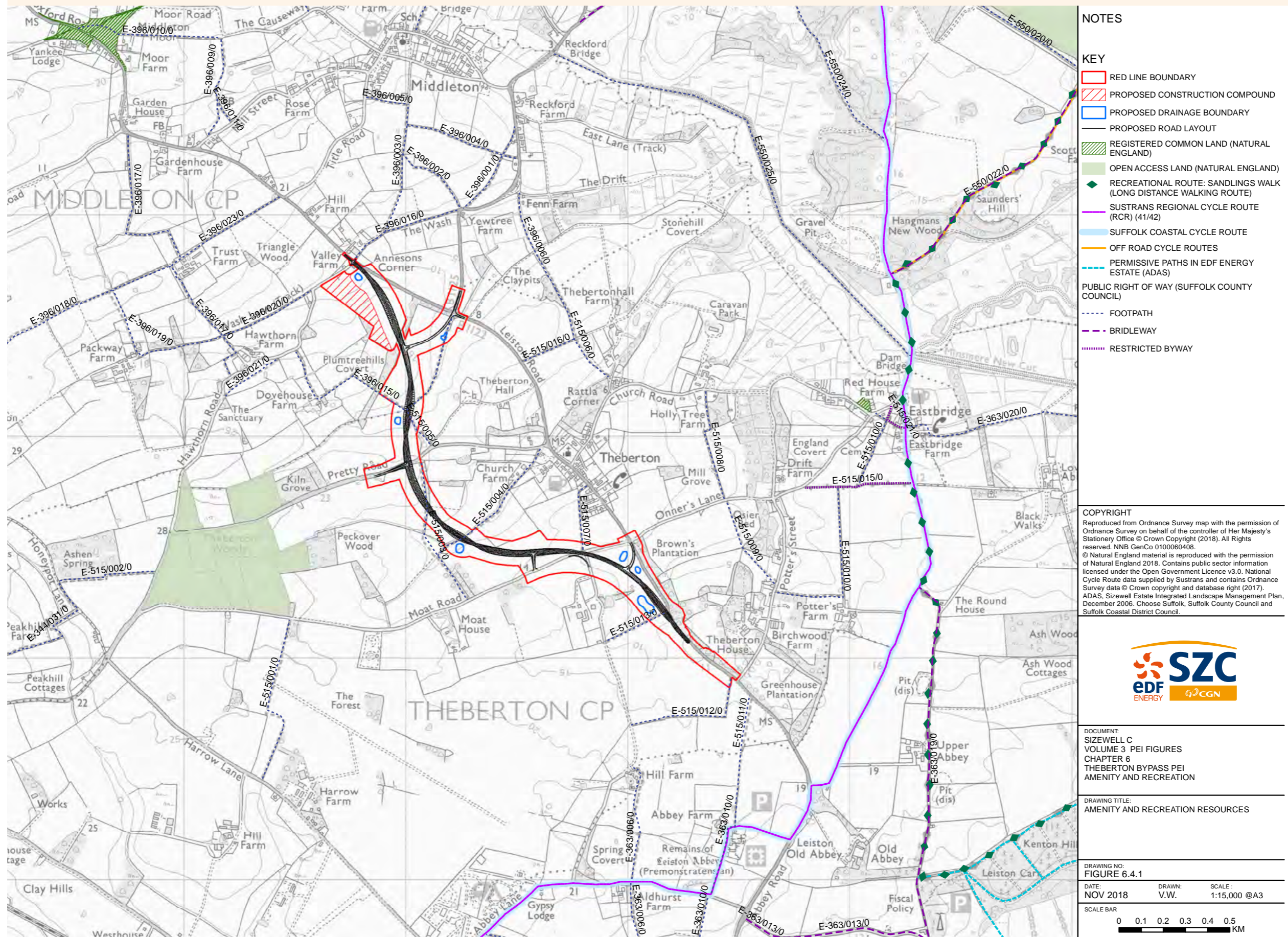
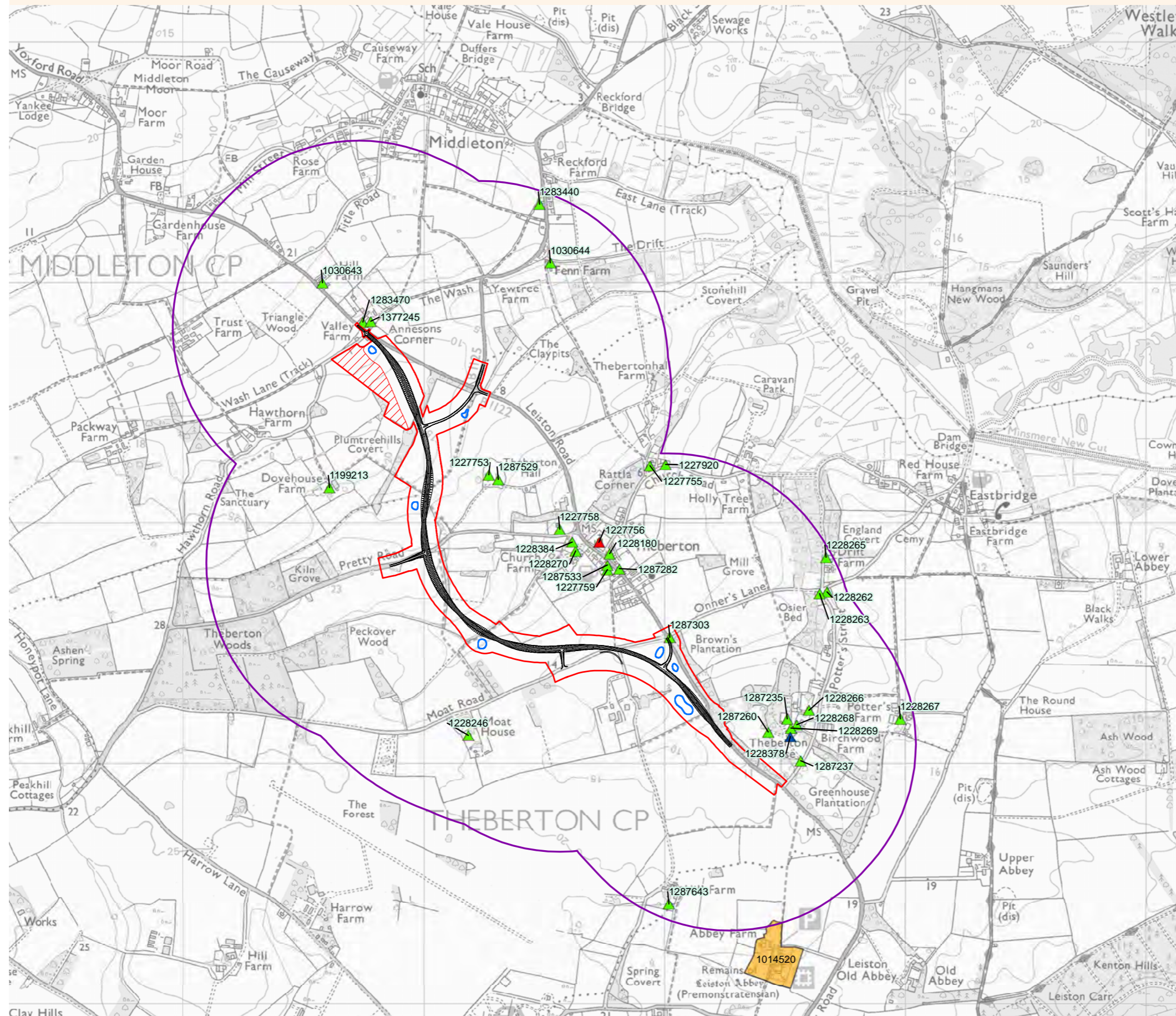


Figure 6.5.1 Designated heritage assets



NOTES

KEY

- PROPOSED ROAD LAYOUT
- ▭ RED LINE BOUNDARY
- ▨ PROPOSED CONSTRUCTION COMPOUND
- ▭ PROPOSED DRAINAGE BOUNDARY
- ▭ 750M STUDY AREA
- ▲ GRADE I LISTED BUILDING
- ▲ GRADE II LISTED BUILDING
- ▲ GRADE II* LISTED BUILDING
- ▭ SCHEDULED MONUMENT

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DRAWING TITLE:
 DESIGNATED HERITAGE ASSETS

DRAWING NO:
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DATE: NOV 2018 DRAWN: J.P. SCALE: 1:15,000 @A3

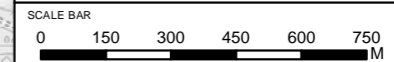
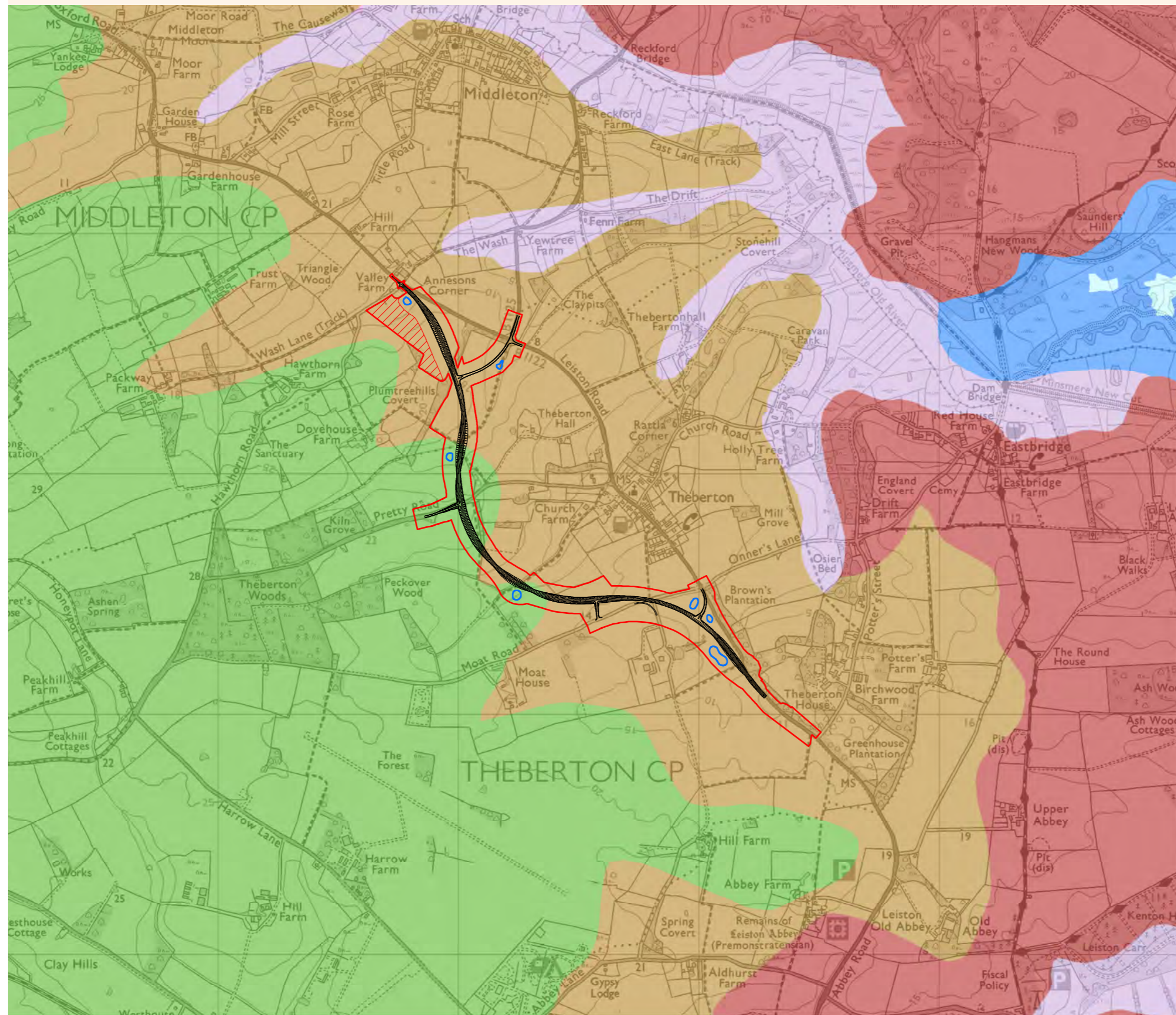


Figure 6.6.1 Soilscape mapping



NOTES

KEY

- RED LINE BOUNDARY
- PROPOSED CONSTRUCTION COMPOUND
- PROPOSED DRAINAGE BOUNDARY
- PROPOSED ROAD LAYOUT
- SLOWLY PERMEABLE SEASONALLY WET SLIGHTLY ACID BUT BASE-RICH LOAMY AND CLAYEY SOILS
- FREELY DRAINING SLIGHTLY ACID BUT BASE-RICH SOILS
- FREELY DRAINING SLIGHTLY ACID SANDY SOILS
- FEN PEAT SOILS
- LOAMY AND CLAYEY SOILS OF COASTAL FLATS WITH NATURALLY HIGH GROUNDWATER
- WATER

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DRAWING TITLE:
 SOILSCAPE MAPPING

DRAWING NO:
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DATE: NOV 2018 DRAWN: M.S. SCALE: 1:15,000 @A3

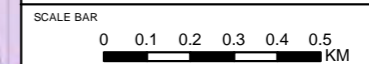


Figure 6.6.2 Provisional ALC mapping

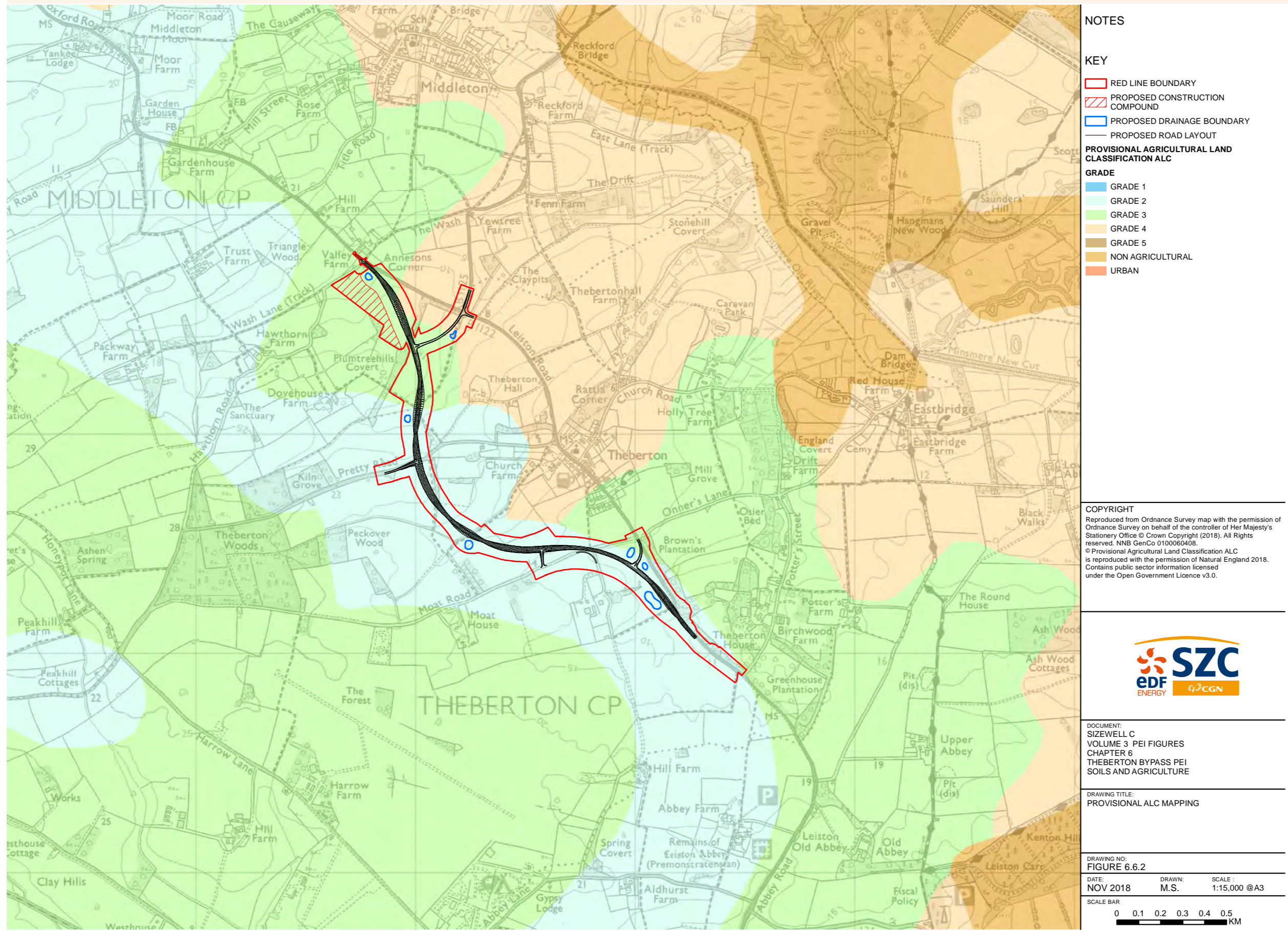
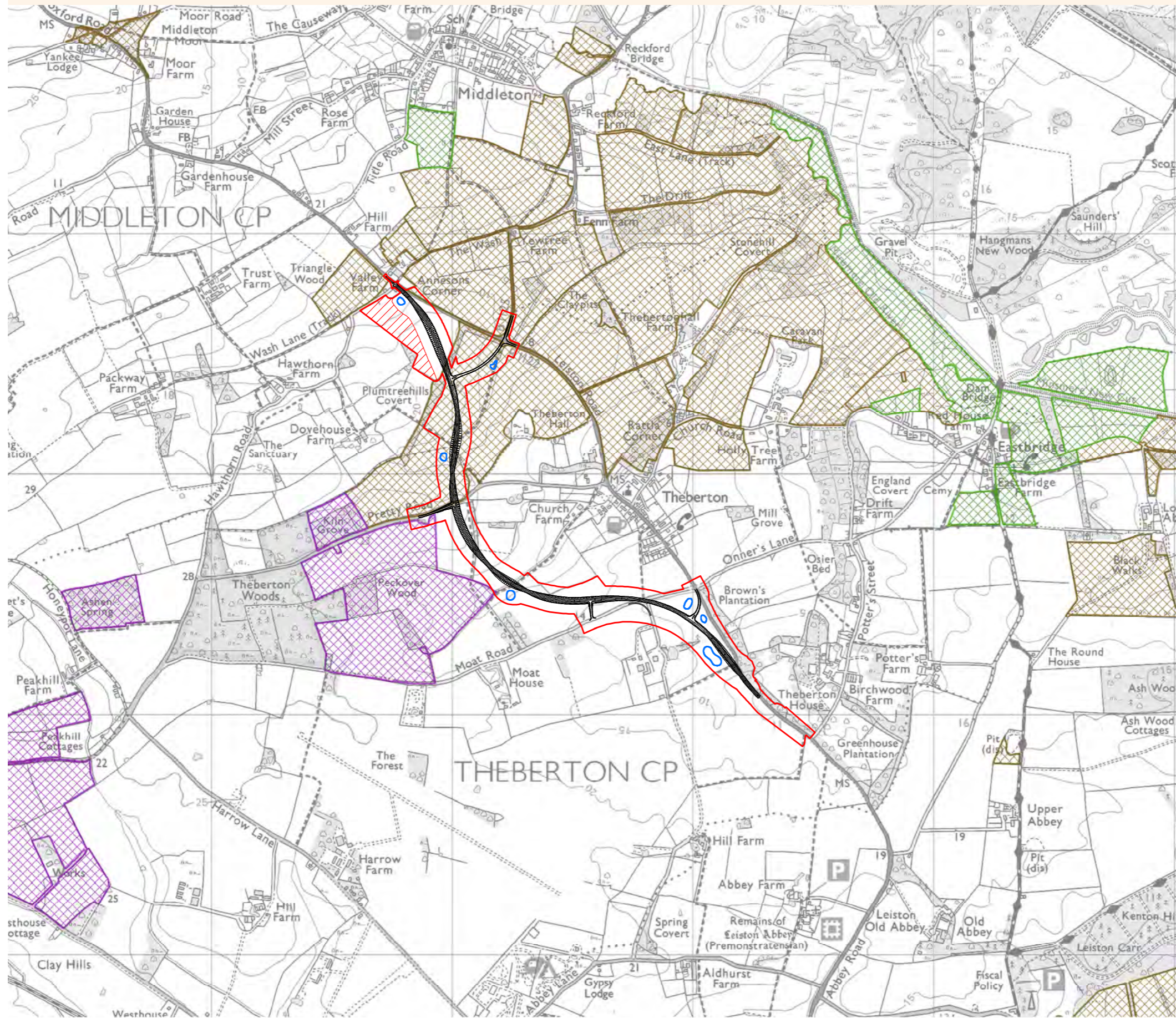


Figure 6.6.3 Agri-environment schemes



NOTES

KEY

- RED LINE BOUNDARY
- PROPOSED CONSTRUCTION COMPOUND
- PROPOSED DRAINAGE BOUNDARY
- PROPOSED ROAD LAYOUT
- ENTRY LEVEL STEWARDSHIP
- ENTRY LEVEL PLUS HIGHER LEVEL STEWARDSHIP
- HIGHER LEVEL STEWARDSHIP
- ORGANIC ENTRY LEVEL STEWARDSHIP
- ORGANIC ENTRY LEVEL PLUS HIGHER LEVEL STEWARDSHIP

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 AGRI-ENVIRONMENT SCHEMES

DRAWING NO:
 FIGURE 6.6.3

DATE: NOV 2018 DRAWN: M.S. SCALE: 1:15,000 @A3

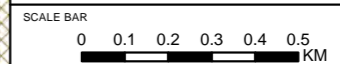
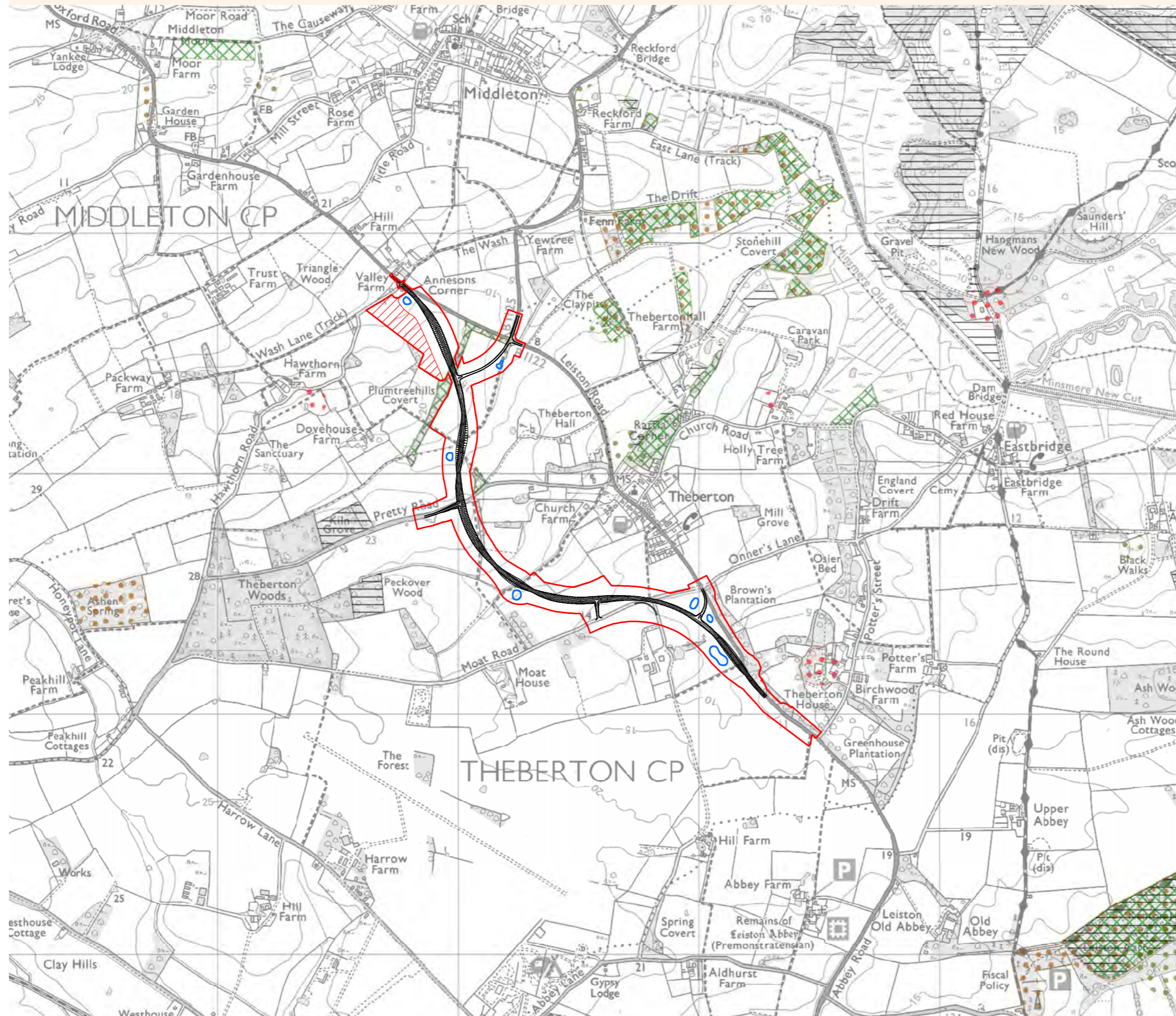


Figure 6.6.4 Forestry and woodland schemes



NOTES

KEY

- RED LINE BOUNDARY
- PROPOSED CONSTRUCTION COMPOUND
- PROPOSED DRAINAGE BOUNDARY
- PROPOSED ROAD LAYOUT
- FELLING LICENCE
- ENGLISH WOODLAND GRANT SCHEME
- WOODLAND GRANT SCHEME 1
- WOODLAND GRANT SCHEME 2
- WOODLAND GRANT SCHEME 3

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 FORESTRY AND WOODLAND SCHEMES

DRAWING NO:
 FIGURE 6.6.4

DATE: NOV 2018 DRAWN: M.S. SCALE: 1:15,000 @A3

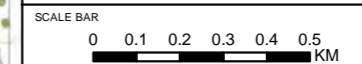
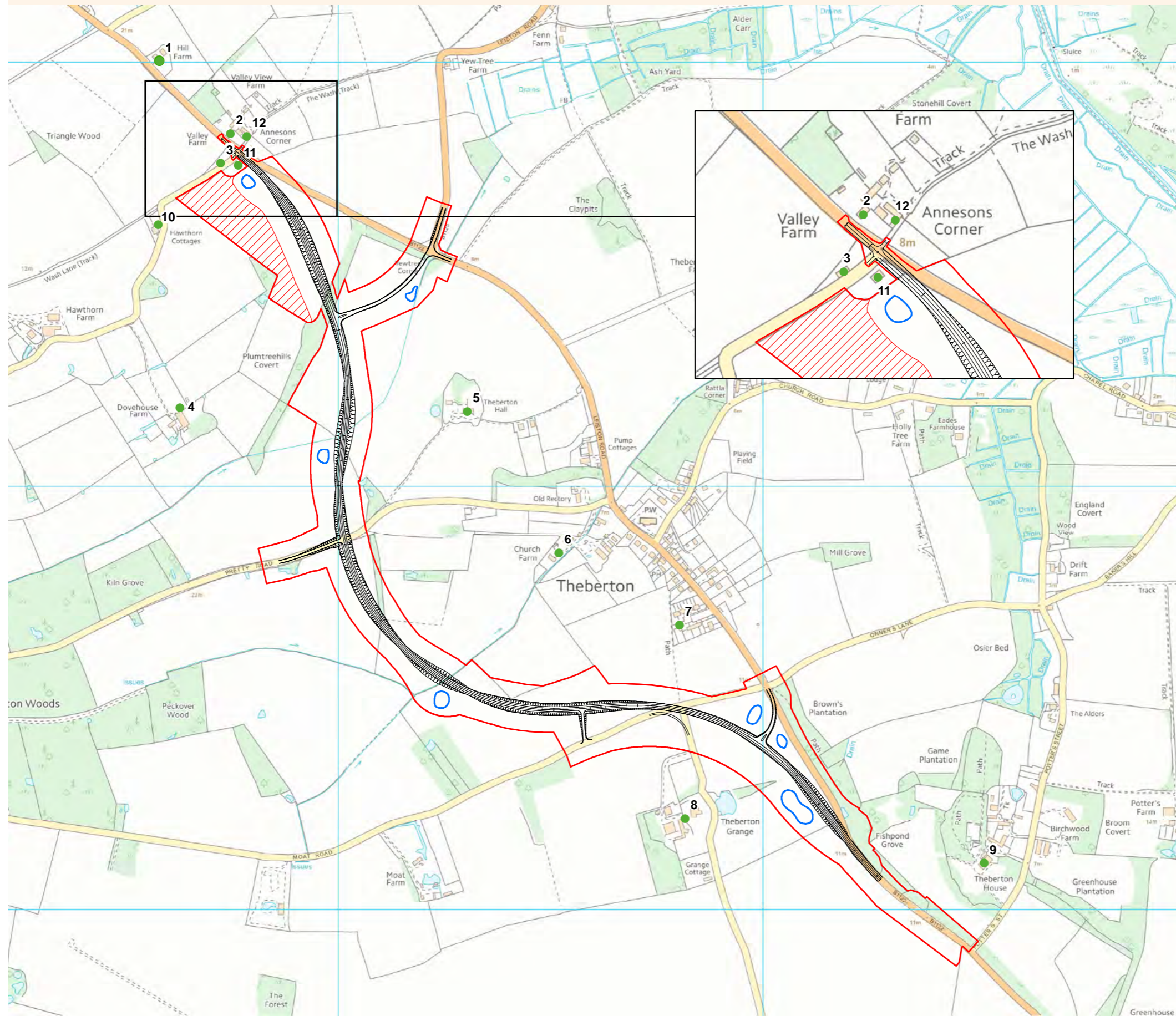


Figure 6.7.1 Noise receptor locations



NOTES

KEY

- RED LINE BOUNDARY
- PROPOSED CONSTRUCTION COMPOUND
- PROPOSED DRAINAGE BOUNDARY
- PROPOSED ROAD LAYOUT
- NOISE RECEPTOR

NOISE RECEPTOR

1. HILL FARM
2. VALLEY FARM
3. HAWTHORN ROAD (1)
4. DOVEHOUSE FARM
5. THEBERTON HALL
6. CHURCH FARM
7. DOUGHTY WYLIE CRESCENT
8. THEBERTON GRANGE
9. THEBERTON HOUSE
10. HAWTHORN COTTAGES
11. HAWTHORN ROAD (2)
12. ANNESONS CORNER

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 NOISE AND VIBRATION

DRAWING TITLE:
 NOISE RECEPTOR LOCATIONS

DRAWING NO:
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DATE: NOV 2018 DRAWN: J.W. SCALE: 1:8,500 @A3

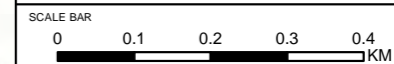
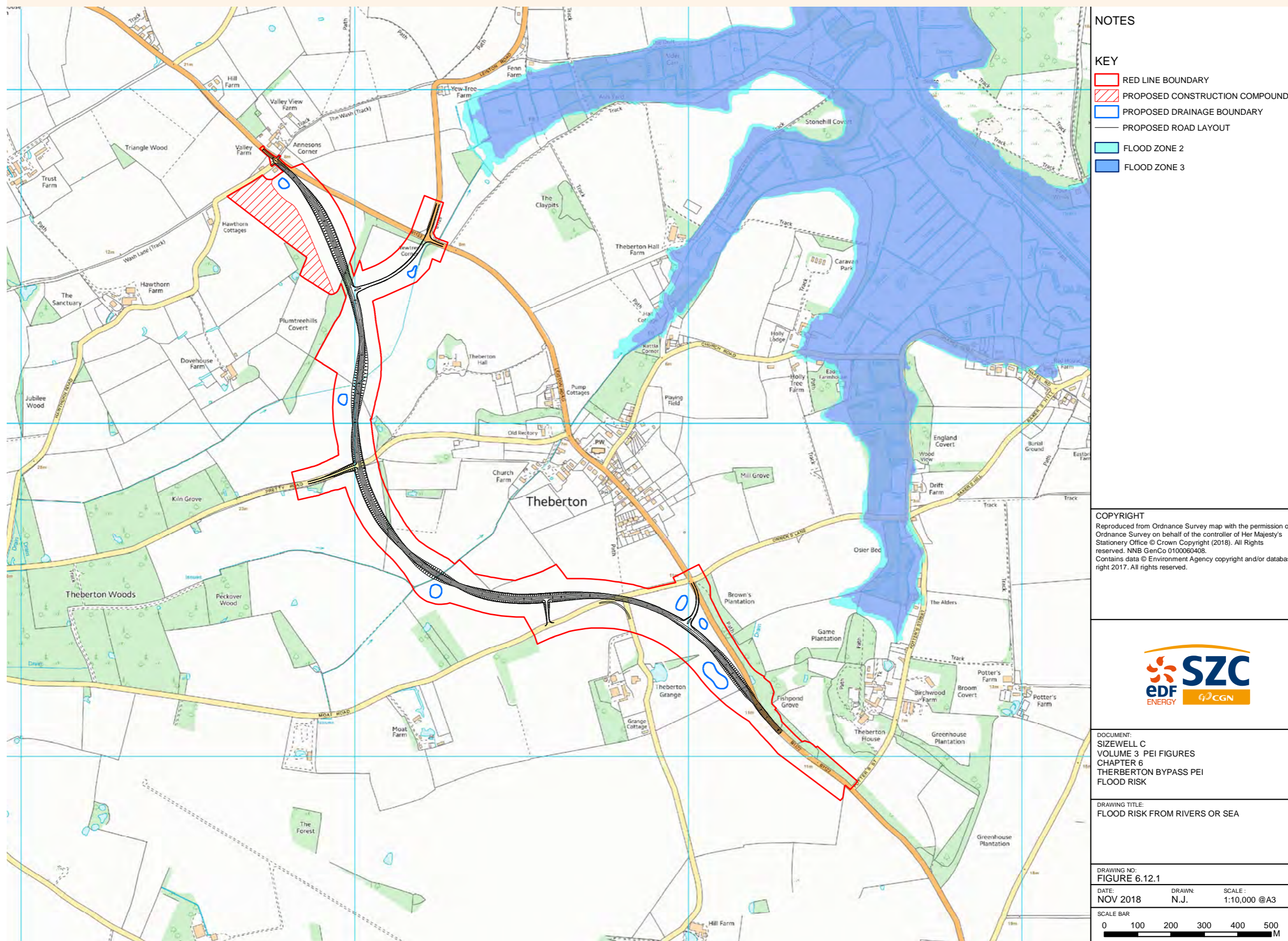


Figure 6.12.1 Flood risk from rivers or sea



NOTES

- KEY**
- RED LINE BOUNDARY
 - PROPOSED CONSTRUCTION COMPOUND
 - PROPOSED DRAINAGE BOUNDARY
 - PROPOSED ROAD LAYOUT
 - FLOOD ZONE 2
 - FLOOD ZONE 3

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 FLOOD RISK FROM RIVERS OR SEA

DRAWING NO:
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DATE: NOV 2018 DRAWN: N.J. SCALE: 1:10,000 @A3

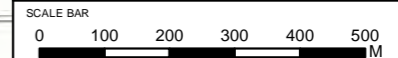


Figure 6.12.2 Flood risk from surface water

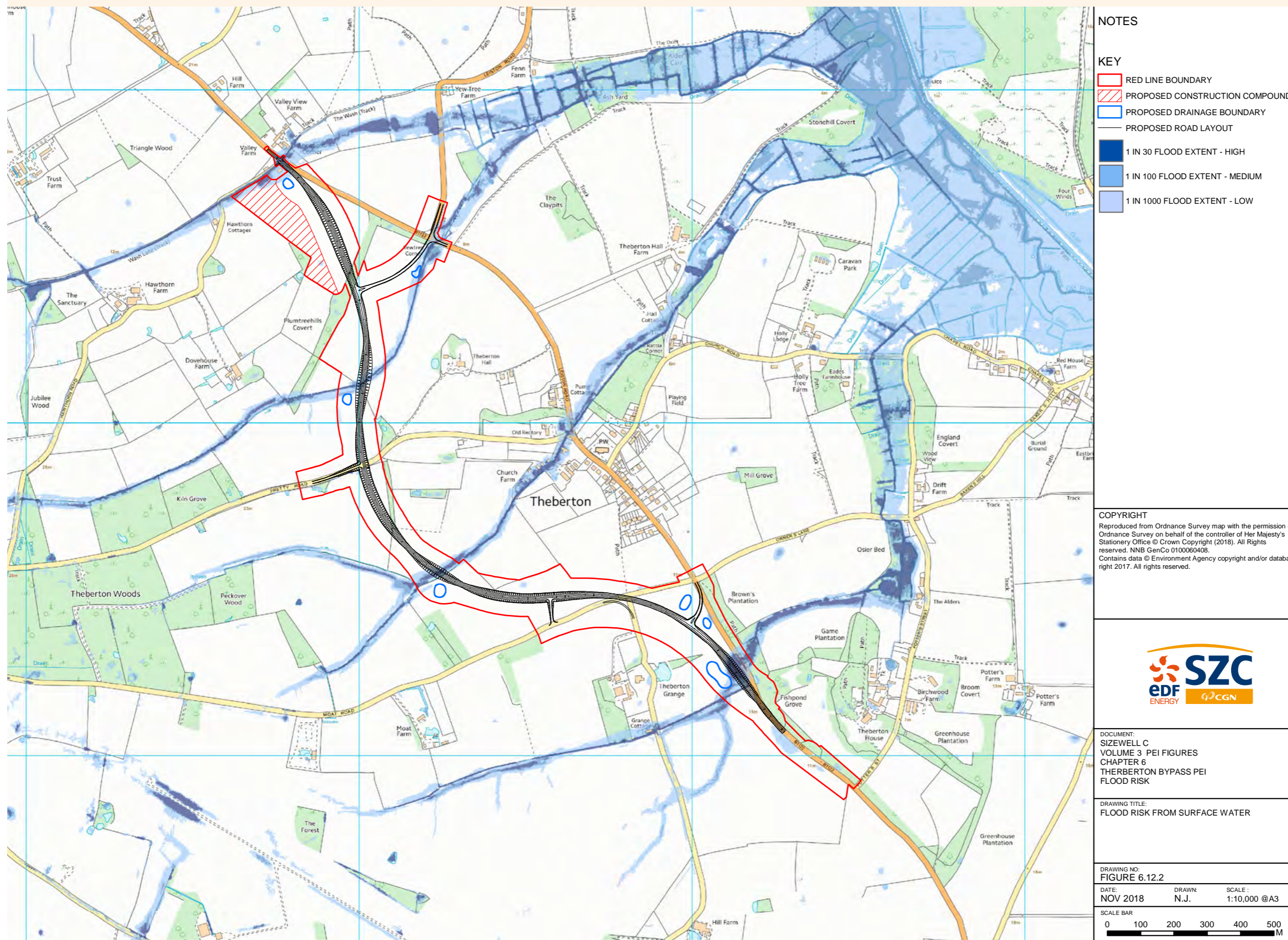


Figure 7.2.1 Landscape and visual receptors

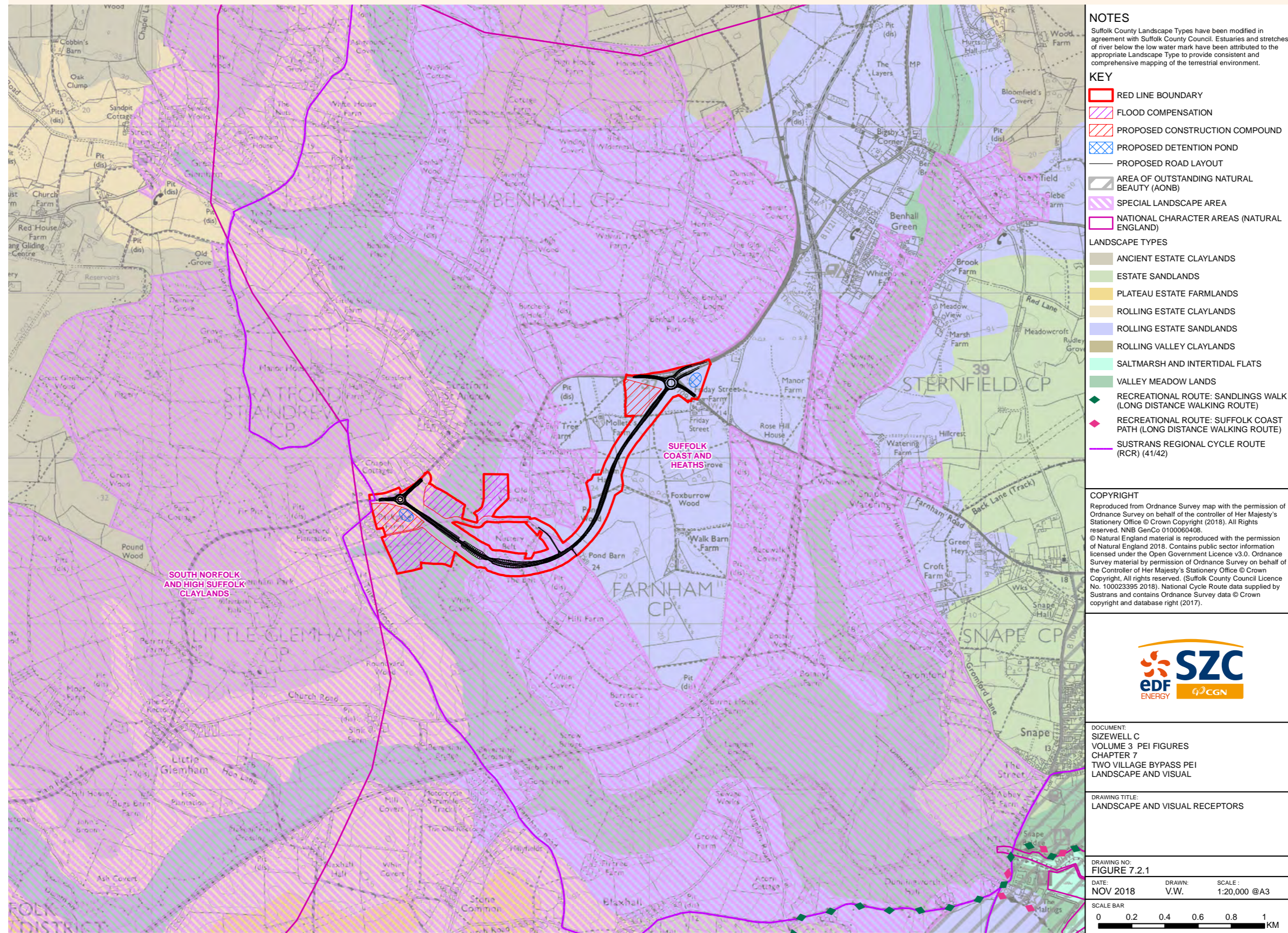


Figure 7.3.1 International and national statutory designated sites within 5km radius and non-statutory designated sites within 2km radius

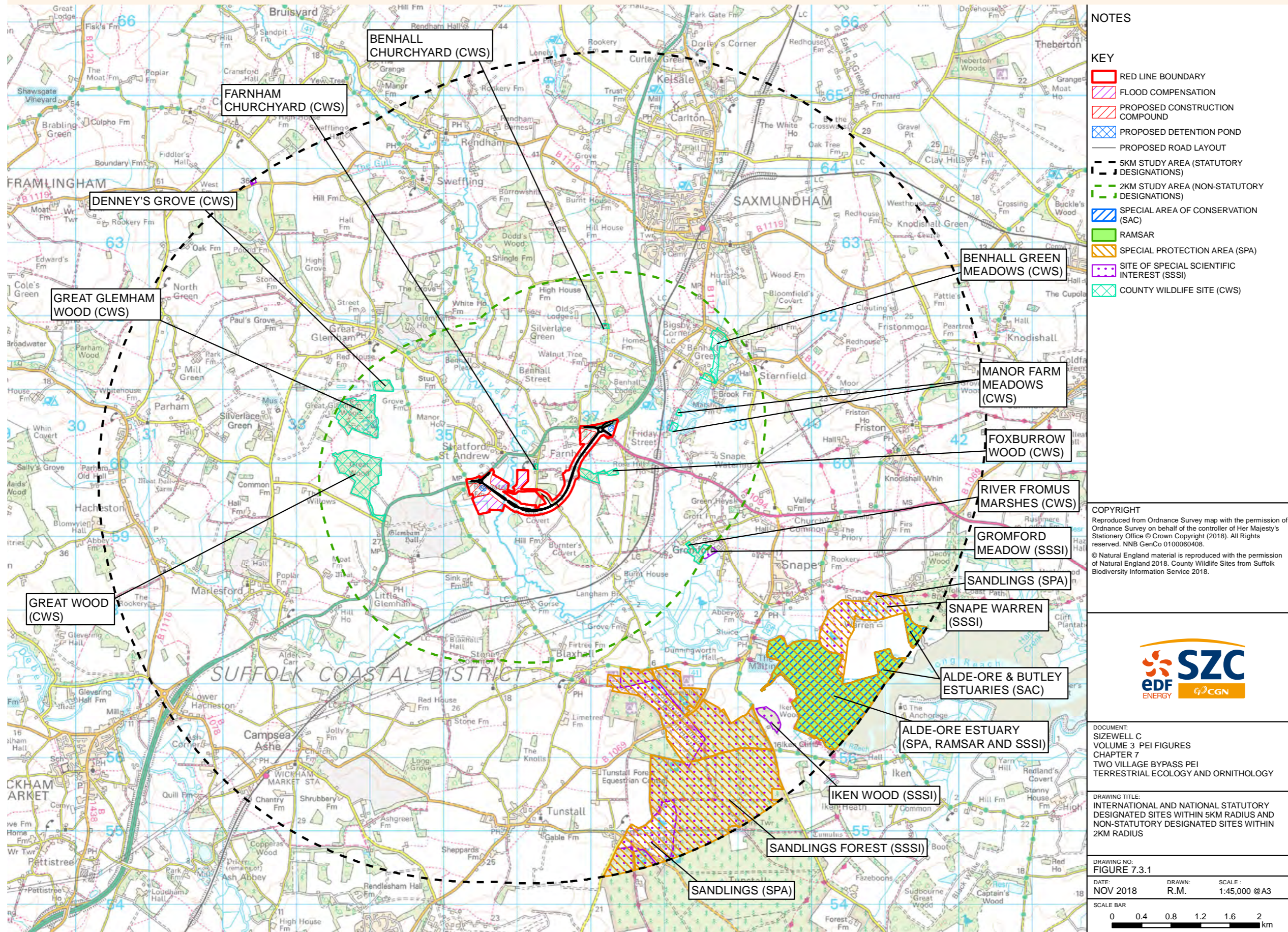


Figure 7.4.1 Amenity and recreation resources

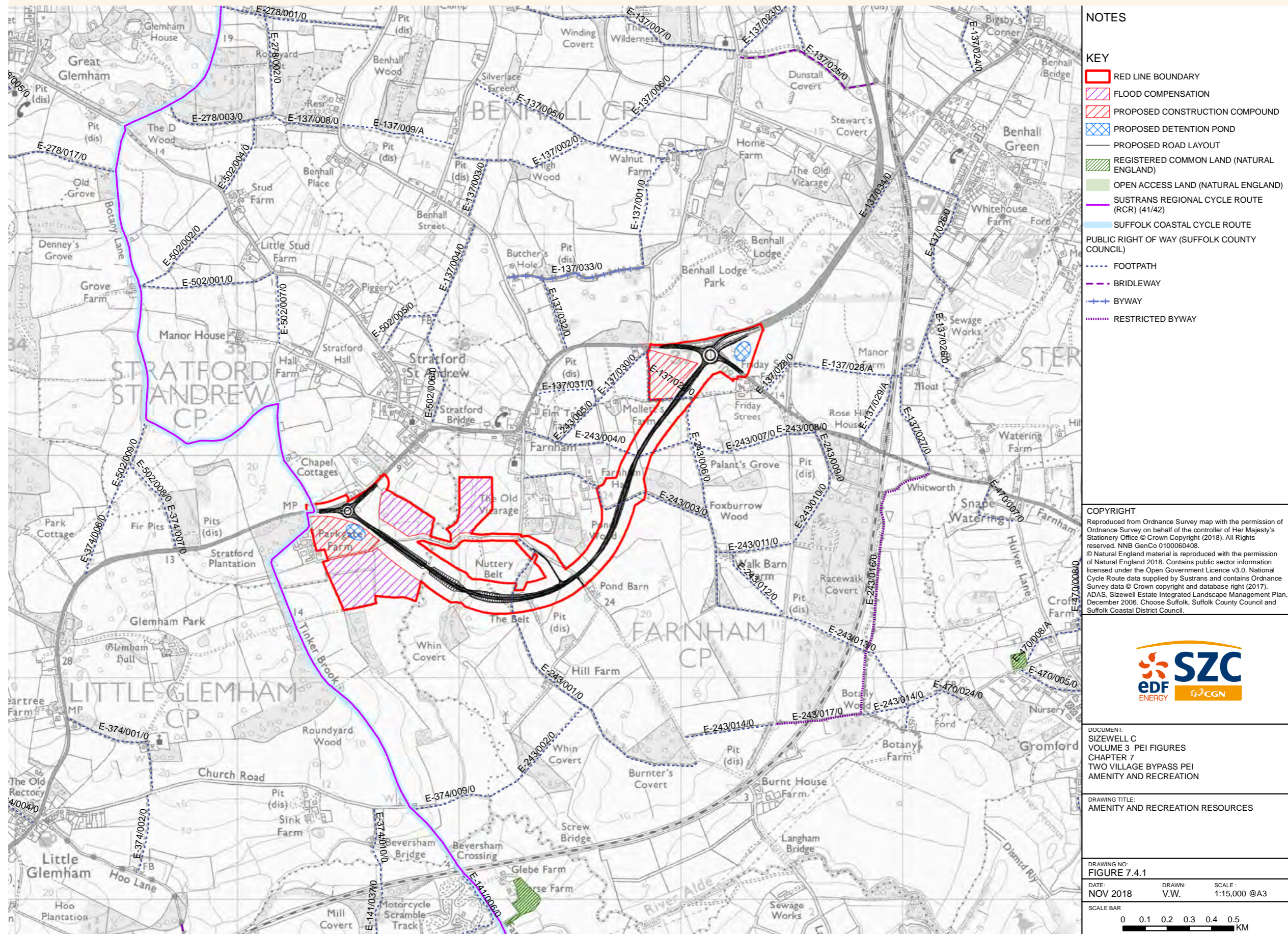


Figure 7.5.1 Designated heritage assets

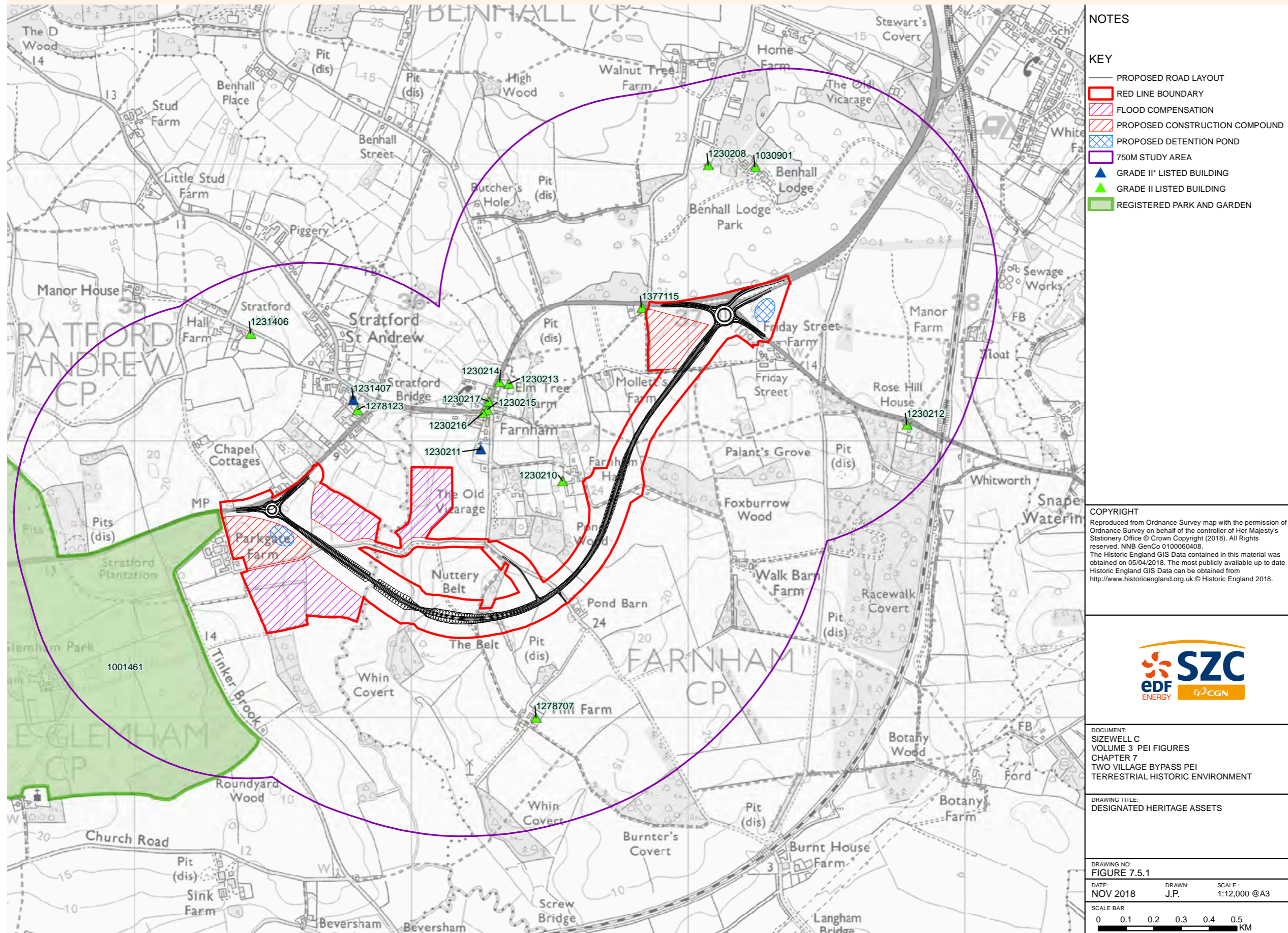
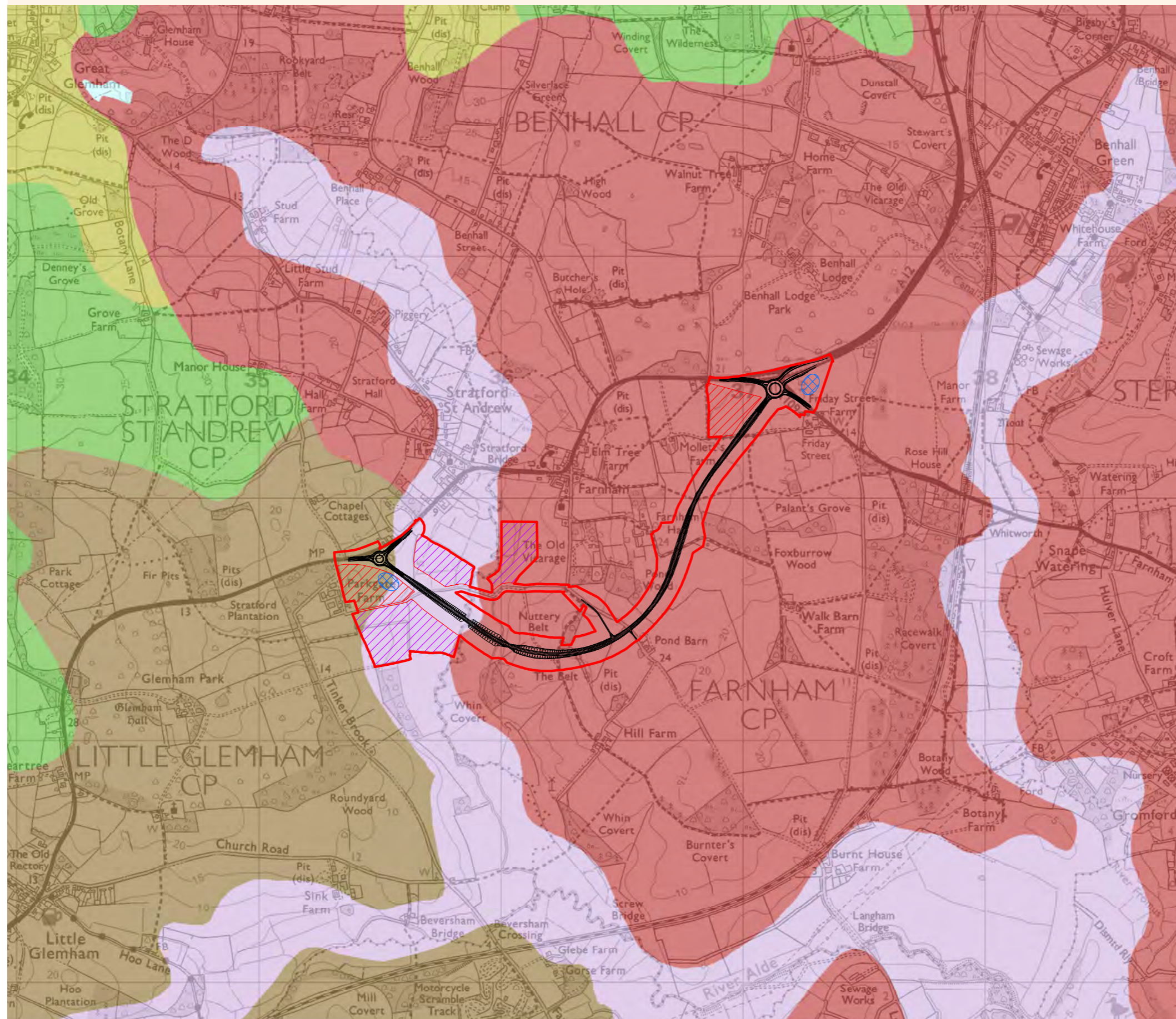


Figure 7.6.1 Soilscape mapping



NOTES

KEY

- RED LINE BOUNDARY
- FLOOD COMPENSATION
- PROPOSED CONSTRUCTION COMPOUND
- PROPOSED DETENTION POND
- PROPOSED ROAD LAYOUT
- SLOWLY PERMEABLE SEASONALLY WET SLIGHTLY ACID BUT BASE-RICH LOAMY AND CLAYEY SOILS
- SLIGHTLY ACID LOAMY AND CLAYEY SOILS WITH IMPEDED DRAINAGE
- FREELY DRAINING SLIGHTLY ACID SANDY SOILS
- FEN PEAT SOILS
- LIME-RICH LOAMY AND CLAYEY SOILS WITH IMPEDED DRAINAGE
- WATER

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CHAPTER 7
TWO VILLAGE BYPASS PEI
SOILS AND AGRICULTURE

DRAWING TITLE:
SOILSCAPE MAPPING

DRAWING NO:
FIGURE 7.6.1

DATE: NOV 2018 DRAWN: M.S. SCALE: 1:15,000 @A3

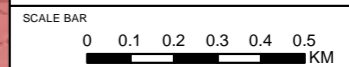
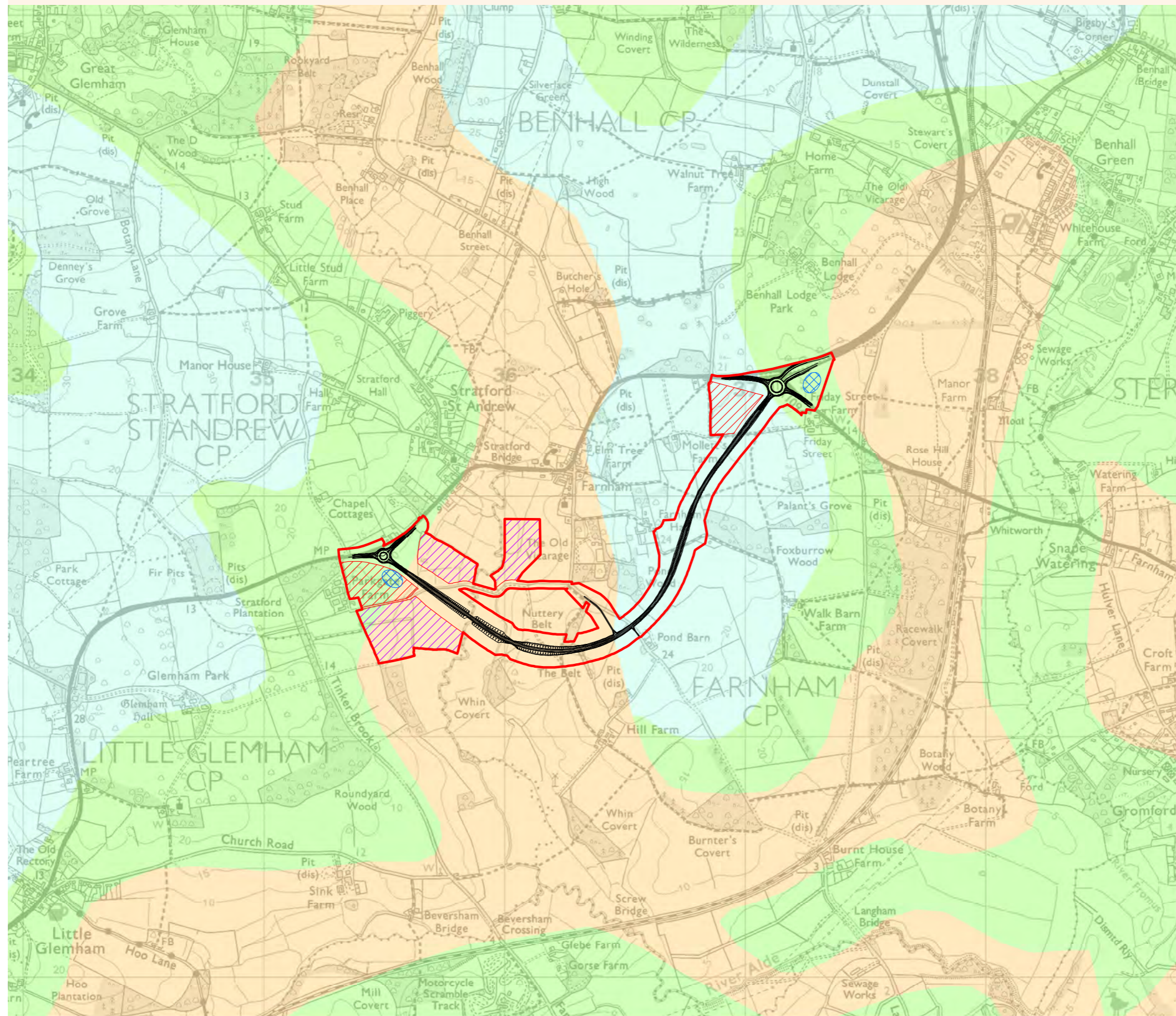


Figure 7.6.2 Provisional ALC mapping



NOTES

KEY

- RED LINE BOUNDARY
 - FLOOD COMPENSATION
 - PROPOSED CONSTRUCTION COMPOUND
 - PROPOSED DETENTION POND
 - PROPOSED ROAD LAYOUT
- PROVISIONAL AGRICULTURAL LAND CLASSIFICATION ALC**
- GRADE**
- GRADE 1
 - GRADE 2
 - GRADE 3
 - GRADE 4
 - GRADE 5
 - NON AGRICULTURAL
 - URBAN

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DRAWING NO.
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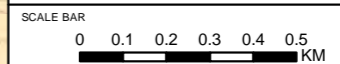


Figure 7.6.3 Agri-environment schemes

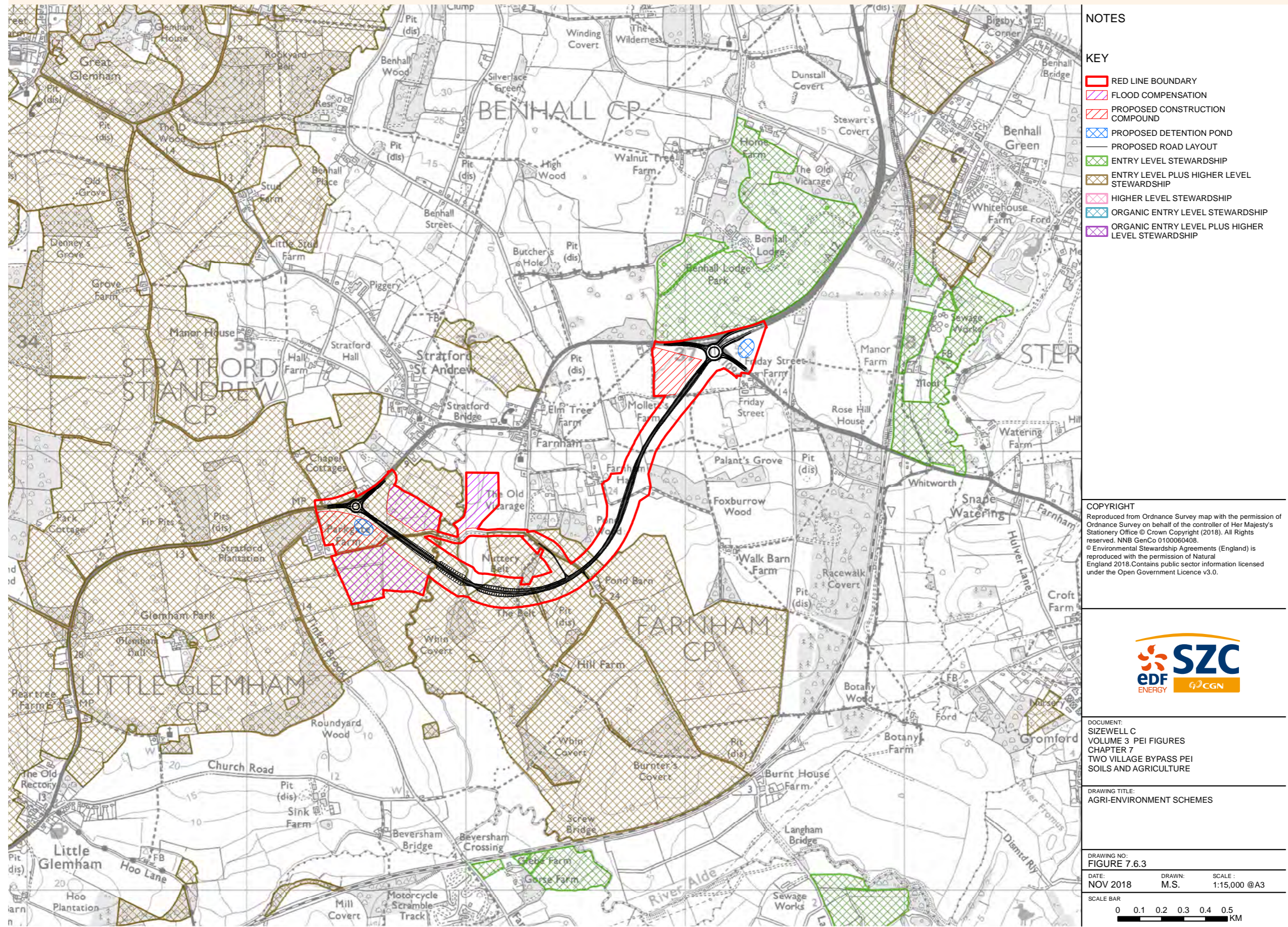
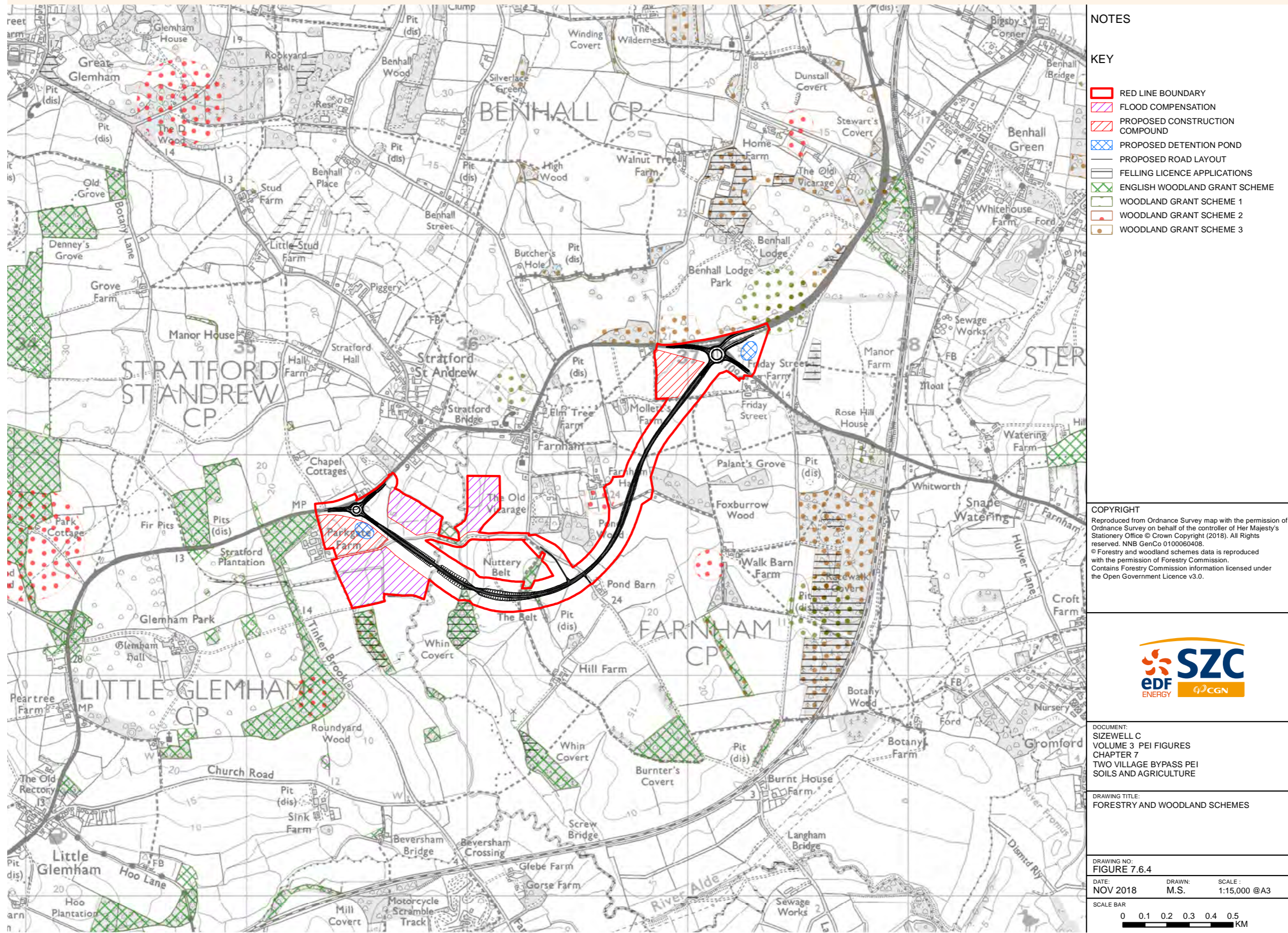


Figure 7.6.4 Forestry and woodland schemes



- NOTES**
- KEY**
- RED LINE BOUNDARY
 - FLOOD COMPENSATION
 - PROPOSED CONSTRUCTION COMPOUND
 - PROPOSED DETENTION POND
 - PROPOSED ROAD LAYOUT
 - FELLING LICENCE APPLICATIONS
 - ENGLISH WOODLAND GRANT SCHEME
 - WOODLAND GRANT SCHEME 1
 - WOODLAND GRANT SCHEME 2
 - WOODLAND GRANT SCHEME 3

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 CHAPTER 7
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 FIGURE 7.6.4

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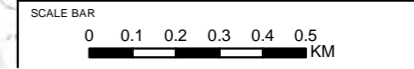


Figure 7.7.1 Noise receptor locations

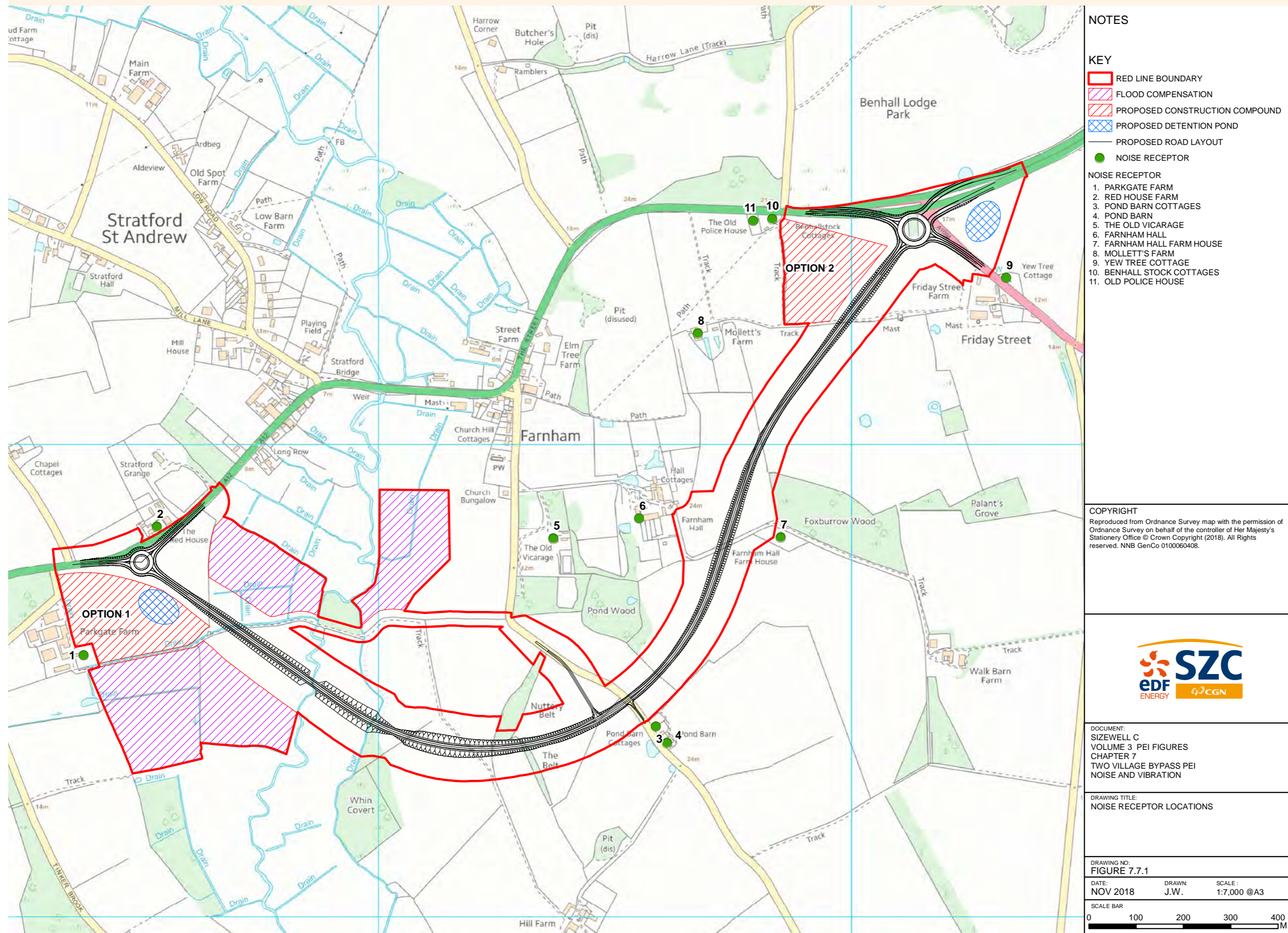
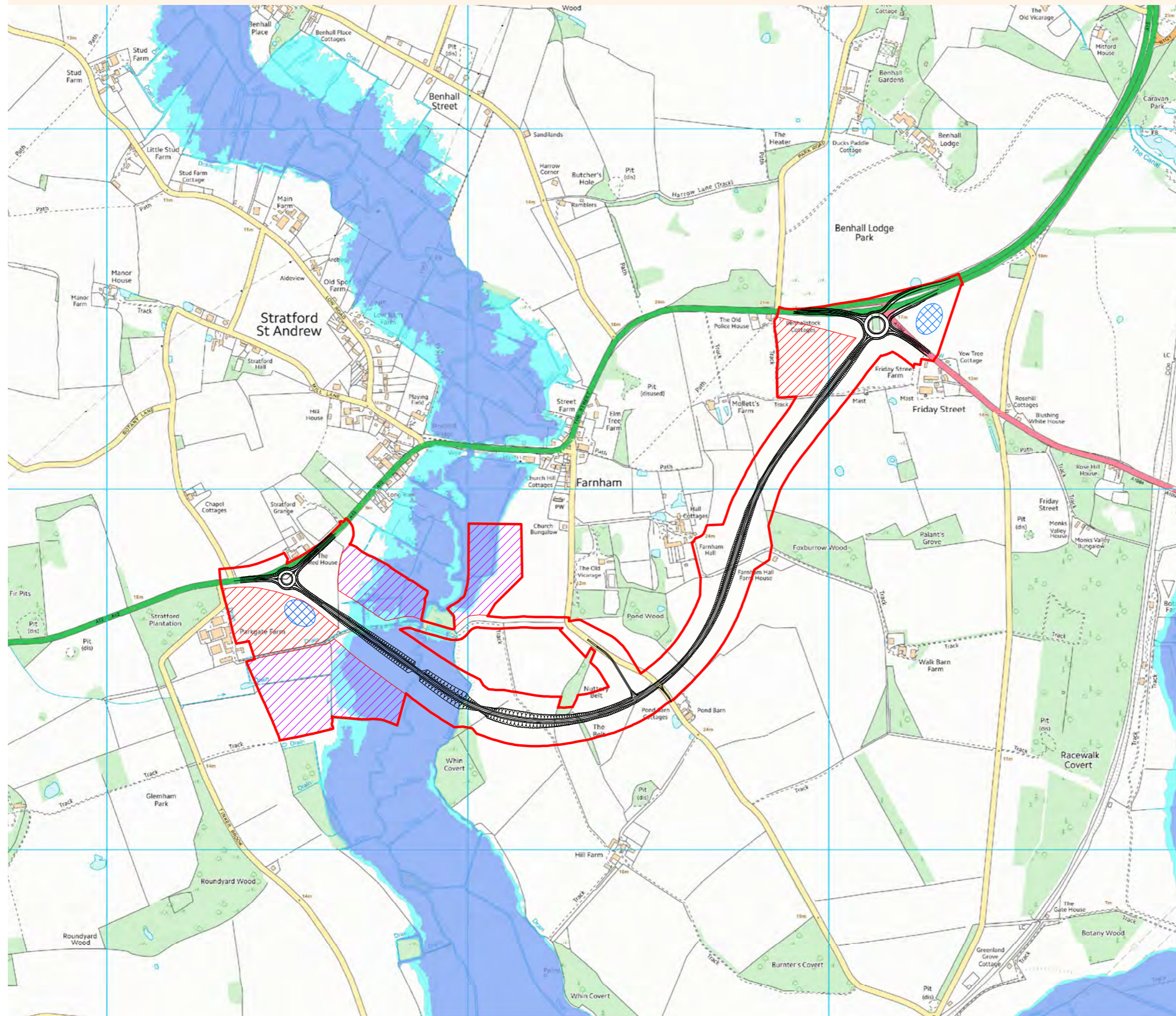


Figure 7.12.1 Flood risk from rivers or sea



NOTES

KEY

- RED LINE BOUNDARY
- FLOOD COMPENSATION
- PROPOSED CONSTRUCTION COMPOUND
- PROPOSED DETENTION POND
- PROPOSED ROAD LAYOUT
- FLOOD ZONE 2
- FLOOD ZONE 3

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 FIGURE 7.12.1

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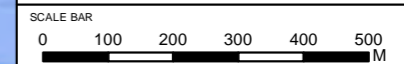


Figure 7.12.2 Flood risk from surface water

