



The Sizewell C Project

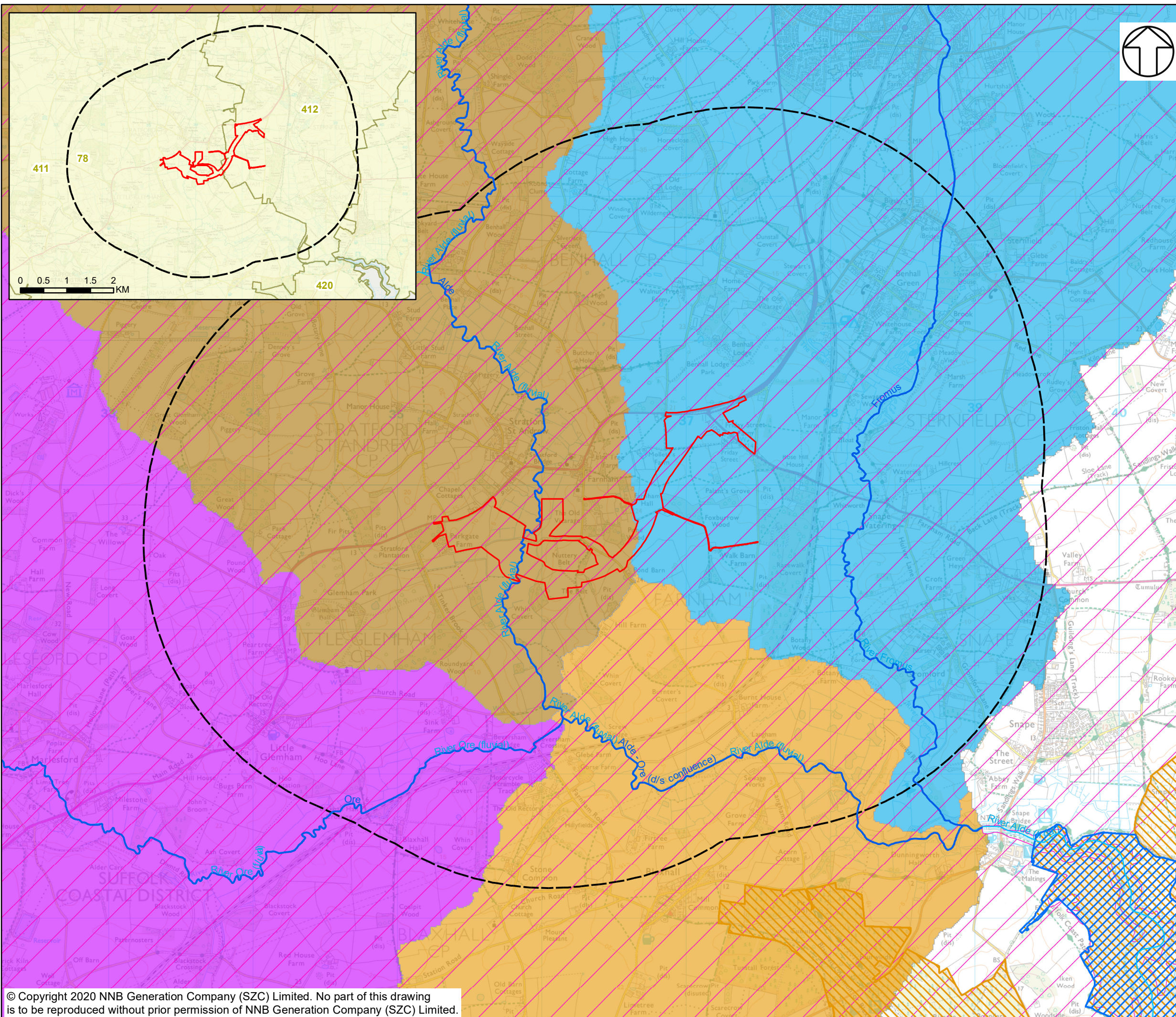
8.14 Water Framework Directive Compliance Assessment Report Part 3 Figures 3.1 to 3.22 - Part 2 of 2

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





NOTES

KEY

- TWO VILLAGE BYPASS DEVELOPMENT SITE BOUNDARY
- 2KM BUFFER
- WFD RIVER CANAL AND SURFACE WATER TRANSFER WATER BODIES
- MAIN RIVERS
- NITRATE VULNERABLE ZONES
- DESIGNATIONS**
- SPECIAL AREA OF CONSERVATION (SAC)
- SPECIAL PROTECTION AREA
- WFD RIVER WATER BODY CATCHMENTS**
- ALDE
- ALDE - ORE (D/S CONFLUENCE)
- FROMUS
- ORE
- WFD GROUNDWATER CATCHMENTS**
- WAVENEY AND EAST SUFFOLK CHALK AND CRAG

PROTECTED AREAS WITHIN 2 KM BUFFER

- WFD GROUNDWATER OPERATIONAL CATCHMENT: WAVENEY AND EAST SUFFOLK CHALK AND CRAG
- WFD RIVER WATER BODY CATCHMENT: ALDER, ALDE - ORE, FROMUS & ORE.
- NVZ: 78, 411 & 412.

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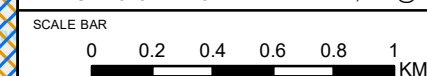


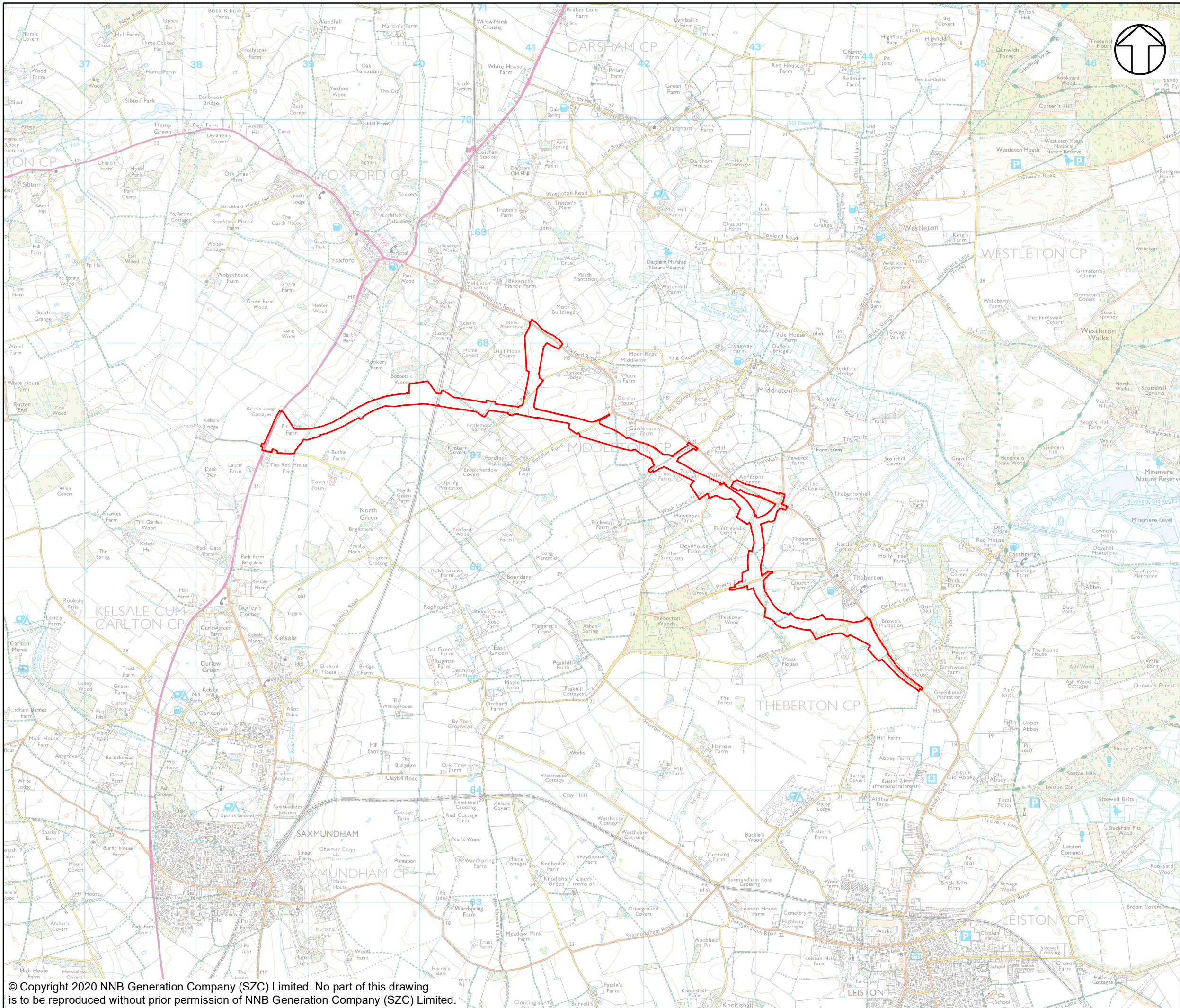
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WFD COMPLIANCE ASSESSMENT
PART 3: ASSOCIATED DEVELOPMENT SITES
TWO VILLAGE BYPASS

DRAWING TITLE:
TWO VILLAGE BYPASS PROTECTED AREAS

DRAWING NO:
FIGURE 3.10

DATE: MARCH 2020 DRAWN: J.T. SCALE: 1:25,000 @A3





NOTES

KEY

- SIZEWELL LINK ROAD DEVELOPMENT
- SITE BOUNDARY

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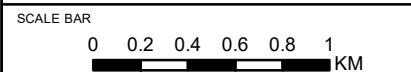


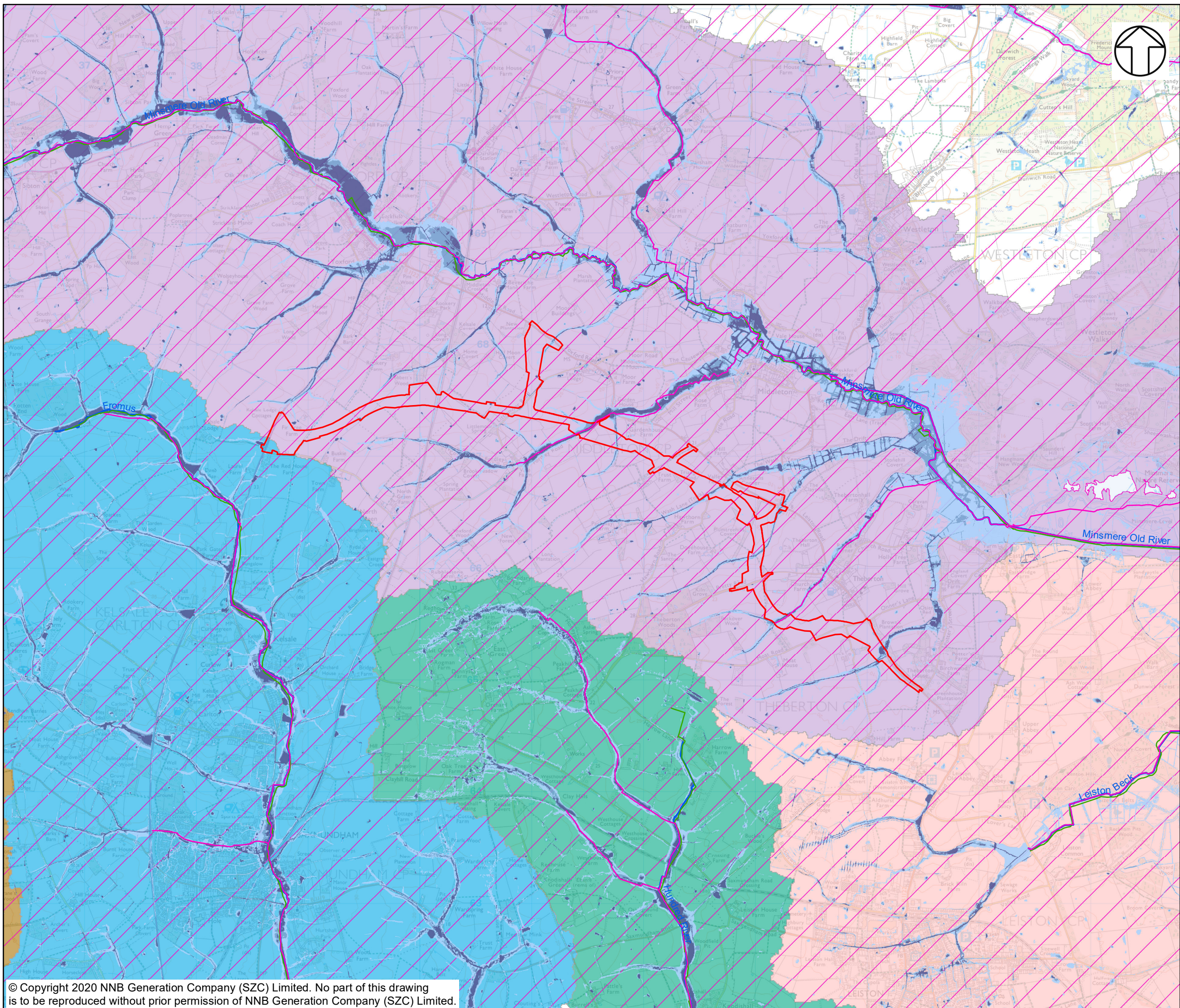
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 PART 3: ASSOCIATED DEVELOPMENT SITES
 SIZEWELL LINK ROAD

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 SIZEWELL LINK ROAD LOCATION PLAN

DRAWING NO:
 FIGURE 3.11

DATE: MARCH 2020 **DRAWN:** J.T. **SCALE:** 1:32,000 @A3





NOTES

KEY

- SIZEWELL LINK ROAD DEVELOPMENT SITE BOUNDARY
- WFD RIVER CANAL AND SURFACE WATER TRANSFER WATER BODIES
- WFD RIVER WATER BODIES
- MAIN RIVERS

WFD RIVER WATER BODY CATCHMENTS

- ALDE
- FROMUS
- HUNDRED RIVER
- LEISTON BECK
- MINSMERE OLD RIVER
- WENHASTON WATERCOURSE

WFD GROUNDWATER CATCHMENTS

- WAVENEY AND EAST SUFFOLK CHALK AND CRAG

ENVIRONMENT AGENCY RISK OF SURFACE WATER FLOODING

- HIGH RISK (GREATER THAN 1 IN 30 ANNUAL PROBABILITY OF FLOODING)
- MEDIUM RISK (BETWEEN 1 IN 100 AND 1 IN 30 ANNUAL PROBABILITY OF FLOODING)
- LOW RISK (BETWEEN 1 IN 1,000 AND 1 IN 100 ANNUAL PROBABILITY OF FLOODING)
- VERY LOW RISK (LESS THAN 1 IN 1,000 ANNUAL PROBABILITY OF FLOODING)

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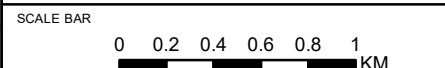


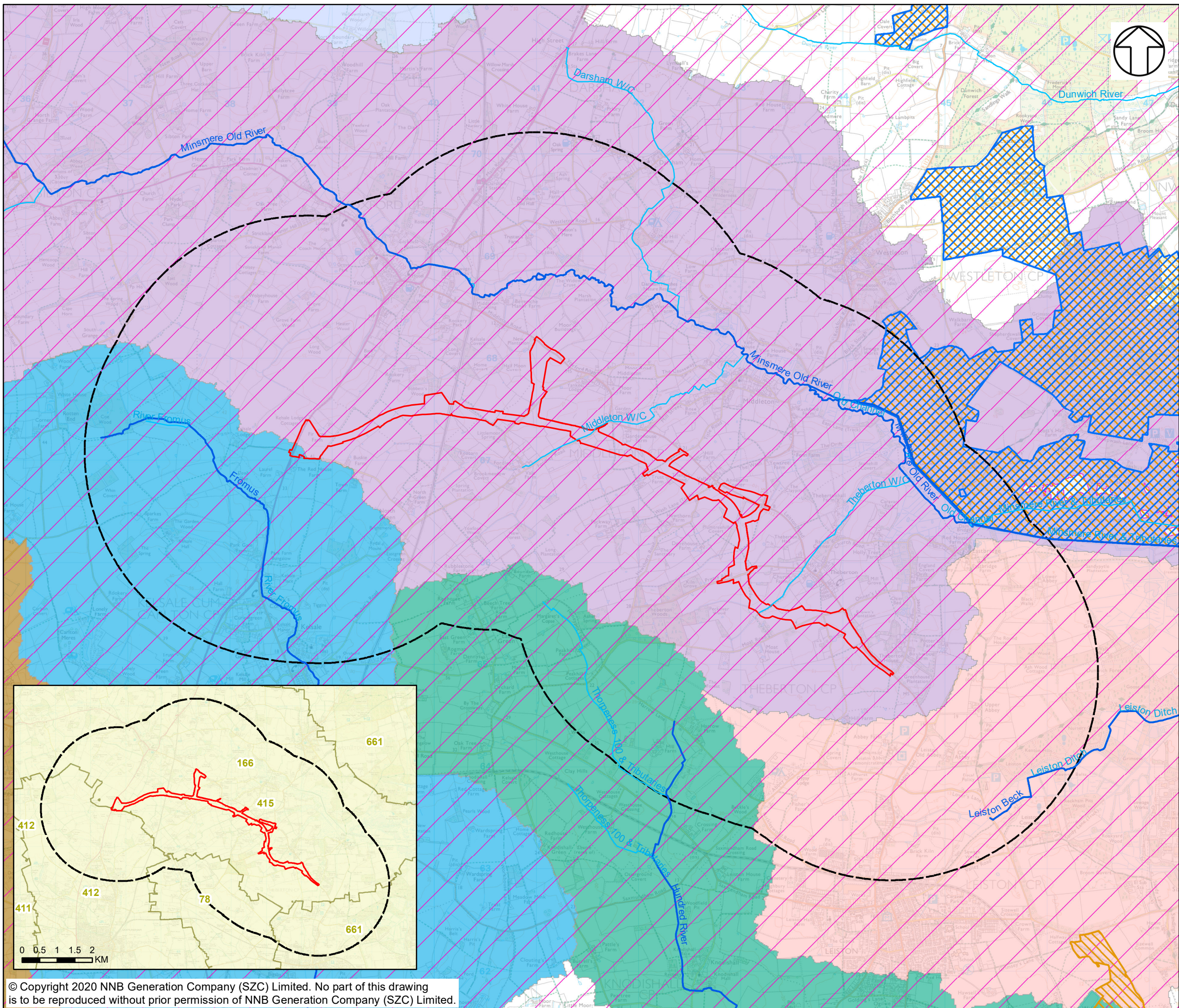
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 PART 3: ASSOCIATED DEVELOPMENT SITES
 SIZEWELL LINK ROAD

DRAWING TITLE:
 SIZEWELL LINK ROAD WFD WATER BODIES

DRAWING NO:
 FIGURE 3.12

DATE: MARCH 2020 DRAWN: J.T. SCALE: 1:32,000 @A3





NOTES

KEY

- SIZEWELL LINK ROAD DEVELOPMENT SITE BOUNDARY
- 2KM BUFFER
- WFD RIVER CANAL AND SURFACE WATER TRANSFER WATER BODIES
- MAIN RIVERS
- NITRATE VULNERABLE ZONES
- DESIGNATIONS**
- SPECIAL AREA OF CONSERVATION (SAC)
- SPECIAL PROTECTION AREA (SPA)
- WFD RIVER WATER BODY CATCHMENTS**
- ALDE
- FROMUS
- HUNDRED RIVER
- LEISTON BECK
- MINSMERE OLD RIVER
- WENHASTON WATERCOURSE
- WFD GROUNDWATER CATCHMENTS**
- WAVENEY AND EAST SUFFOLK CHALK AND CRAG

- PROTECTED AREAS WITHIN 2 KM BUFFER**
- WFD GROUNDWATER OPERATIONAL CATCHMENT: WAVENEY AND EAST SUFFOLK CHALK AND CRAG
 - WFD RIVER WATER BODY CATCHMENT: FROMUS, HUNDRED RIVER, LEISTON BECK & MINSMERE OLD RIVER
 - NVZ: 78, 166, 412, 415 & 661
 - SAC: MINSMERE TO WALBERSWICK HEATHS & MARSHES
 - SPA: MINSMERE-WALBERSWICK

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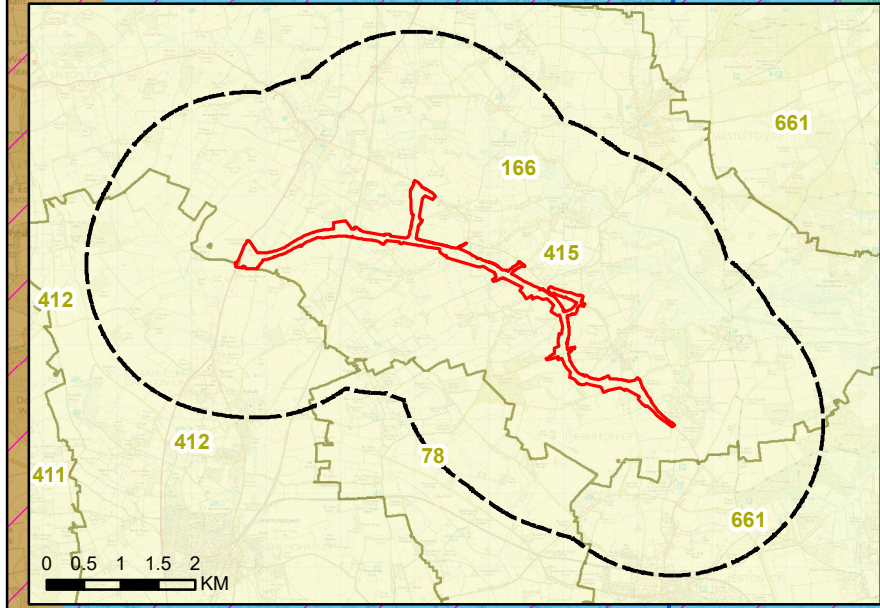
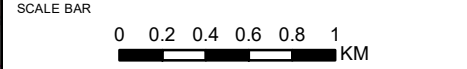


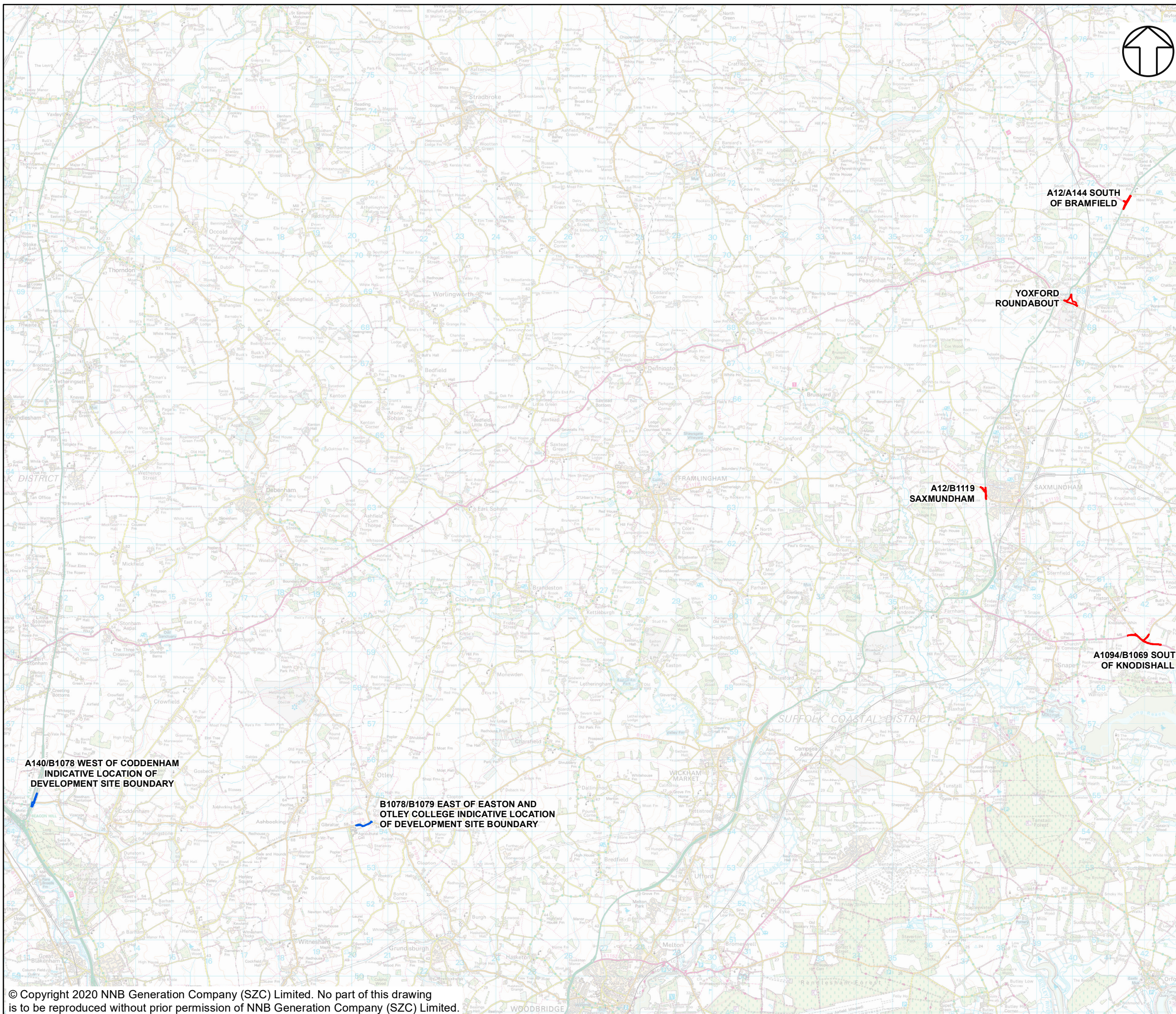
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 PART 3: ASSOCIATED DEVELOPMENT SITES
 SIZEWELL LINK ROAD

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 SIZEWELL LINK ROAD PROTECTED AREAS

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 FIGURE 3.13

DATE: MARCH 2020 **DRAWN:** J.T. **SCALE:** 1:35,000 @A3





NOTES

KEY

- YOXFORD AND OTHER HIGHWAY IMPROVEMENTS
- INDICATIVE LOCATION OF DEVELOPMENT SITE BOUNDARIES

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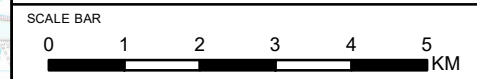


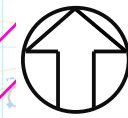
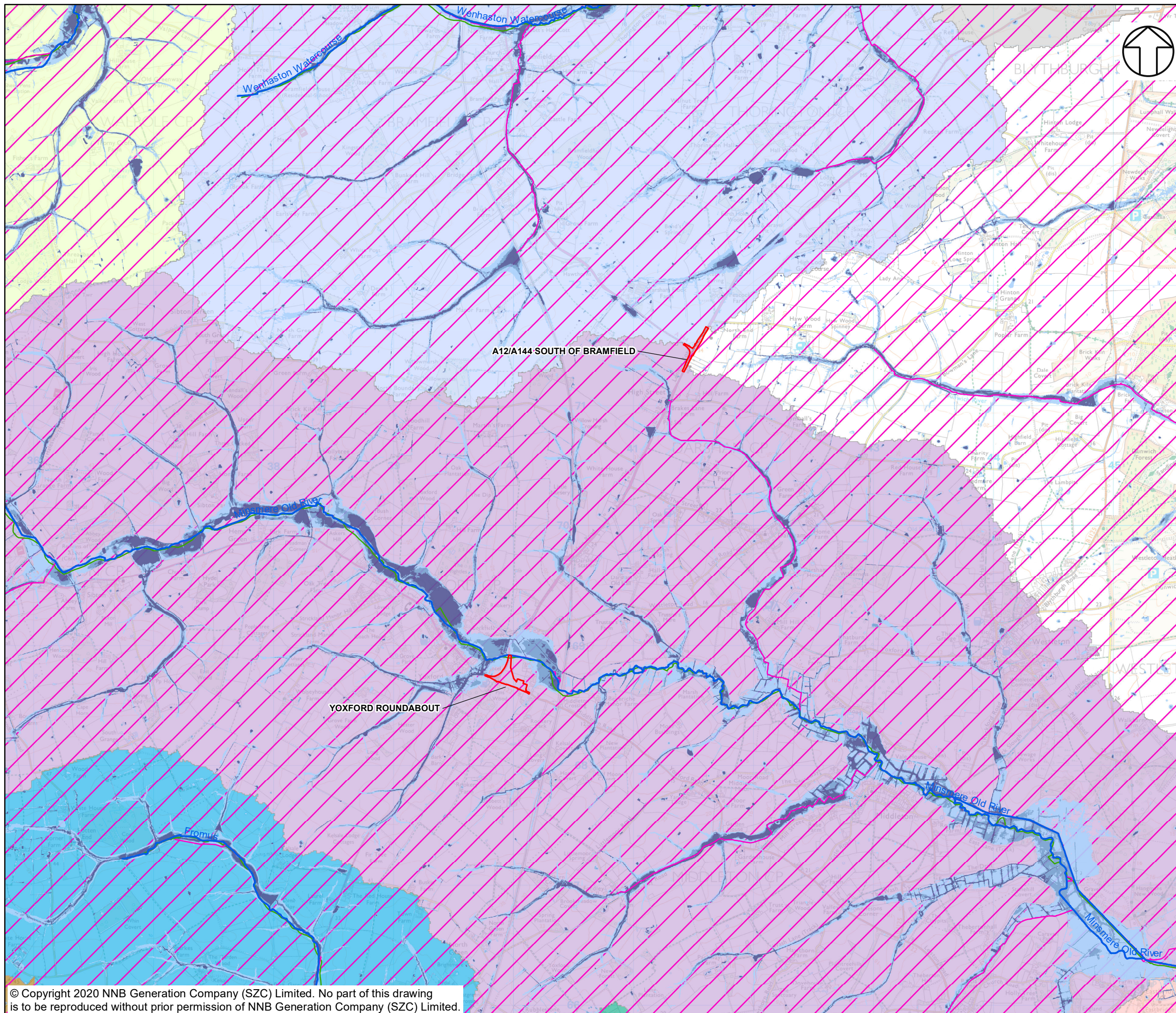
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 YOXFORD AND OTHER HIGHWAY IMPROVEMENTS

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 YOXFORD AND OTHER HIGHWAY IMPROVEMENTS LOCATION PLAN

DRAWING NO.:
 FIGURE 3.14

DATE: MARCH 2020 **DRAWN:** J.T. **SCALE:** 1:100,000 @A3





NOTES

KEY

- YOXFORD AND OTHER HIGHWAY IMPROVEMENTS
- WFD RIVER CANAL AND SURFACE WATER TRANSFER WATER BODIES
- WFD RIVER WATER BODIES
- MAIN RIVERS

WFD RIVER WATER BODY CATCHMENTS

- ALDE
- BLYTH (HEVINGHAM HALL - D/S HALESWORTH)
- BLYTH (D/S HALESWORTH)
- FROMUS
- HUNDRED RIVER
- LEISTON BECK
- MINSMERE OLD RIVER
- WENHASTON WATERCOURSE

WFD GROUNDWATER CATCHMENTS

- WAVENEY AND EAST SUFFOLK CHALK AND CRAG

ENVIRONMENT AGENCY RISK OF SURFACE WATER FLOODING

- HIGH RISK (GREATER THAN 1 IN 30 ANNUAL PROBABILITY OF FLOODING)
- MEDIUM RISK (BETWEEN 1 IN 100 AND 1 IN 30 ANNUAL PROBABILITY OF FLOODING)
- LOW RISK (BETWEEN 1 IN 1,000 AND 1 IN 100 ANNUAL PROBABILITY OF FLOODING)
- VERY LOW RISK (LESS THAN 1 IN 1,000 ANNUAL PROBABILITY OF FLOODING)

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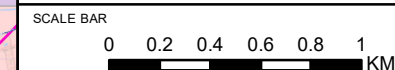


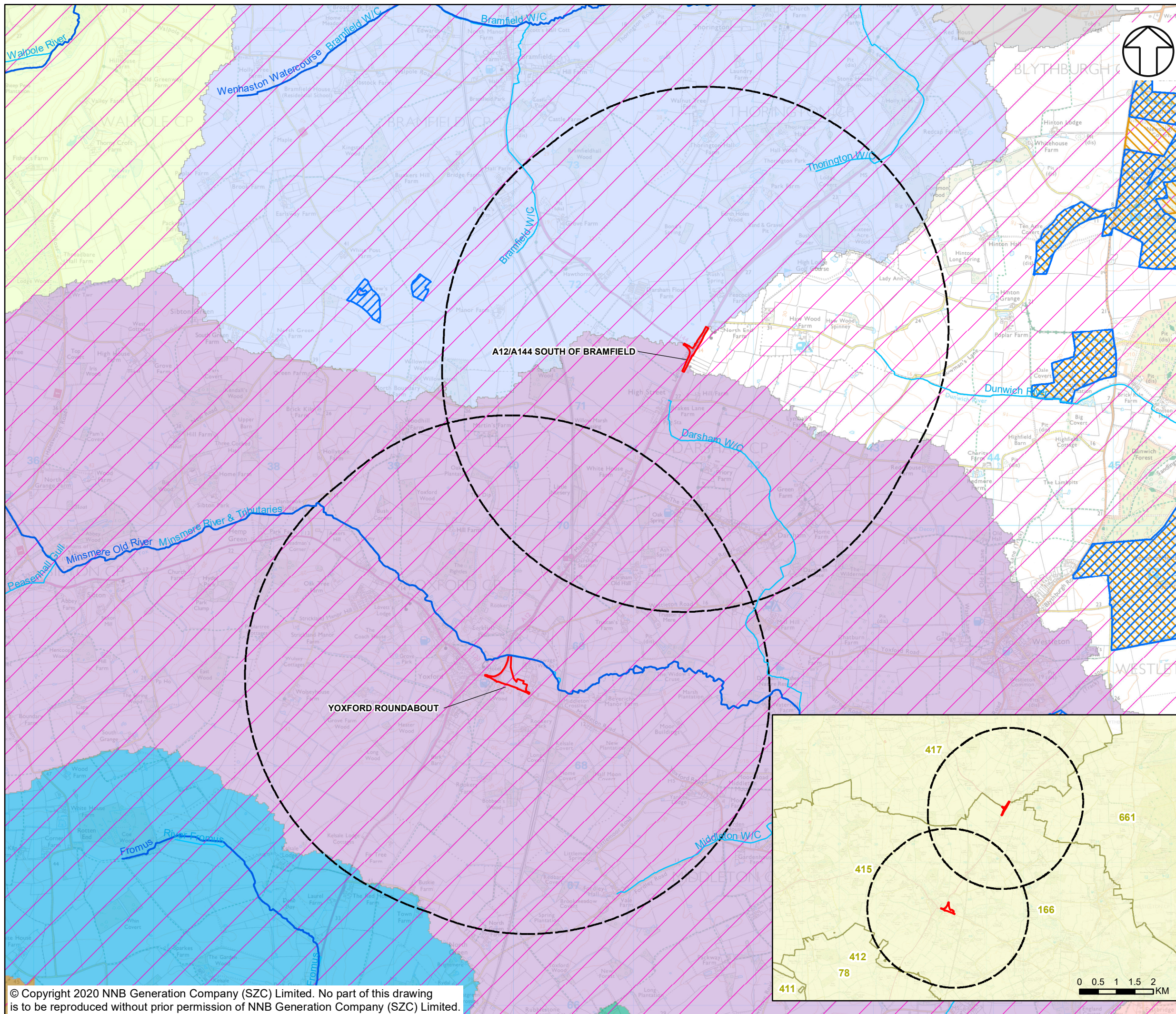
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YOXFORD AND OTHER HIGHWAY IMPROVEMENTS

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YOXFORD AND OTHER HIGHWAY IMPROVEMENTS WFD WATER BODIES

DRAWING NO:
FIGURE 3.15

















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NOTES

KEY

-  YOXFORD AND OTHER HIGHWAY IMPROVEMENTS
-  2KM BUFFER
-  WFD RIVER CANAL AND SURFACE WATER TRANSFER WATER BODIES
-  MAIN RIVERS
-  NITRATE VULNERABLE ZONES
- DESIGNATIONS**
-  SPECIAL AREA OF CONSERVATION (SAC)
-  SPECIAL PROTECTION AREA (SPA)
- WFD RIVER WATER BODY CATCHMENTS**
-  ALDE
-  BLYTH (HEVINGHAM HALL - D/S HALESWORTH)
-  BLYTH (D/S HALESWORTH)
-  FROMUS
-  HUNDRED RIVER
-  LEISTON BECK
-  MINSMERE OLD RIVER
-  WENHASTON WATERCOURSE
- WFD GROUNDWATER CATCHMENTS**
-  WAVENEY AND EAST SUFFOLK CHALK AND CRAG

PROTECTED AREAS WITHIN 2 KM BUFFER
 - WFD GROUNDWATER OPERATIONAL CATCHMENT: WAVENEY AND EAST SUFFOLK CHALK AND CRAG
 - WFD RIVER WATER BODY CATCHMENT: FROMUS, WENHASTON WATERCOURSE & MINSMERE OLD RIVER
 - NVZ: 78, 166, 412, 415, 417 & 661

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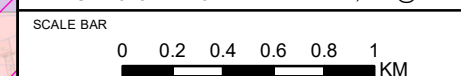


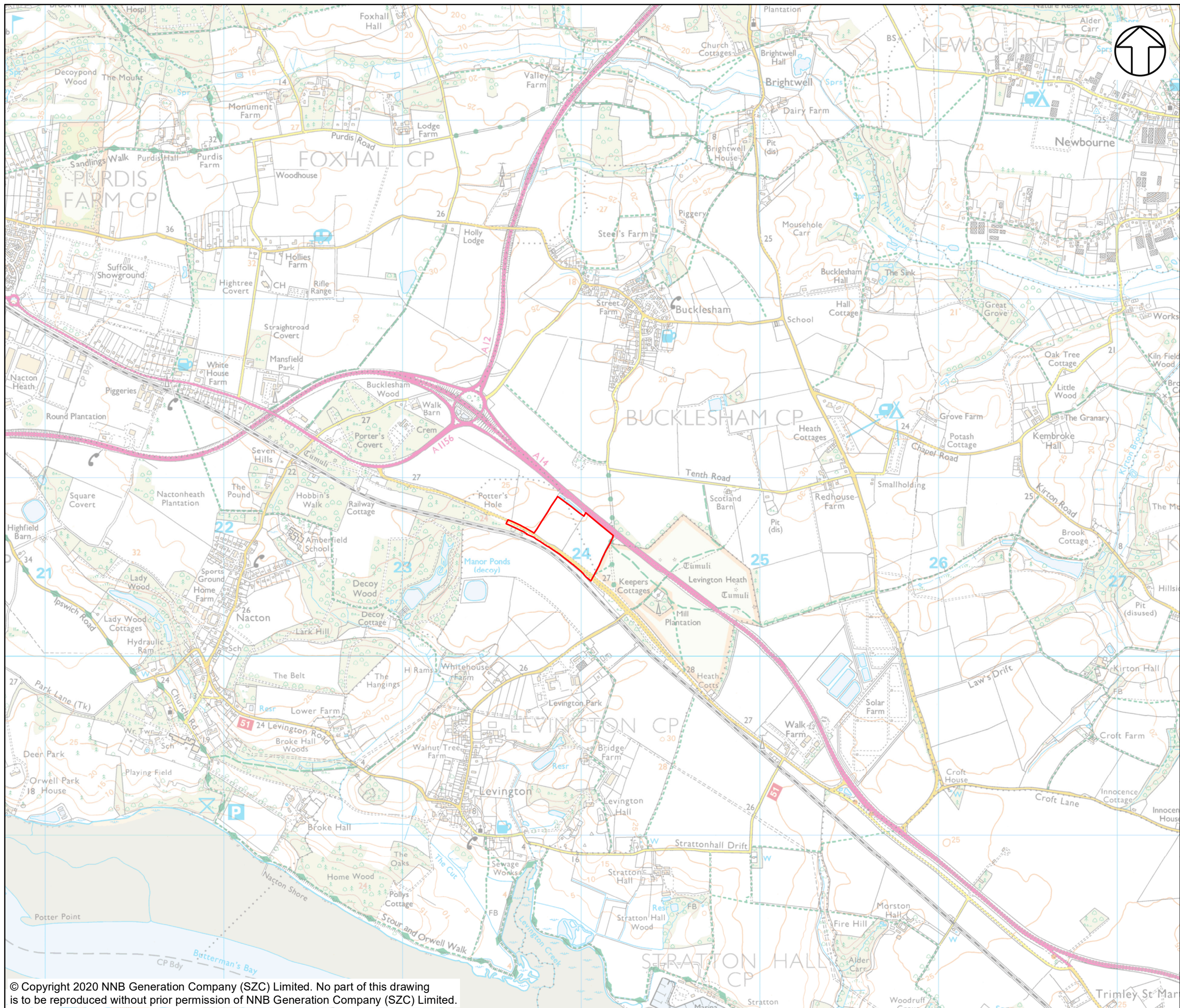
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 YOXFORD AND OTHER HIGHWAY IMPROVEMENTS

DRAWING TITLE:
 YOXFORD AND OTHER HIGHWAY IMPROVEMENTS PROTECTED AREAS

DRAWING NO:
 FIGURE 3.16

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NOTES

KEY

- FREIGHT MANAGEMENT FACILITY
- DEVELOPMENT SITE BOUNDARY

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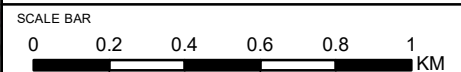


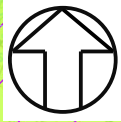
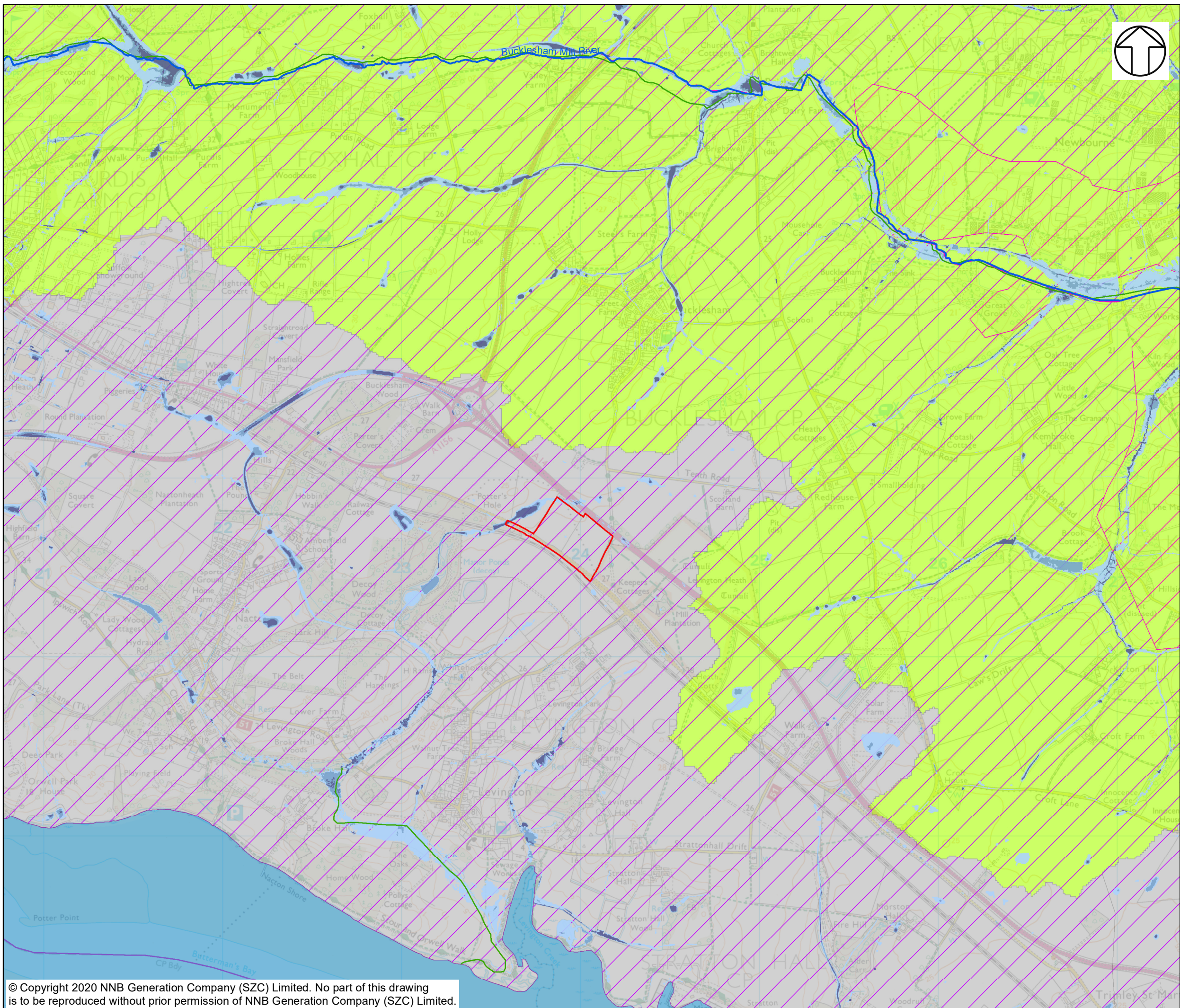
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 PART 3: ASSOCIATED DEVELOPMENT SITES
 FREIGHT MANAGEMENT FACILITY

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 FREIGHT MANAGEMENT FACILITY
 LOCATION PLAN

DRAWING NO:
 FIGURE 3.17

DATE: MARCH 2020 **DRAWN:** J.T. **SCALE:** 1:20,000 @A3





NOTES

KEY

- FREIGHT MANAGEMENT FACILITY DEVELOPMENT SITE BOUNDARY
- WFD RIVER CANAL AND SURFACE WATER TRANSFER WATER BODIES
- WFD RIVER WATER BODIES
- MAIN RIVERS

WFD TRANSITIONAL AND COASTAL WATER BODIES

- ORWELL

WFD RIVER WATER BODY CATCHMENTS

- BUCKLESHAM MILL RIVER
- NOT PART OF A RIVER WB CATCHMENT

WFD GROUNDWATER CATCHMENTS

- FELIXSTOWE PENINSULA CRAG AND CHALK
- WAVENEY AND EAST SUFFOLK CHALK AND CRAG

ENVIRONMENT AGENCY RISK OF SURFACE WATER FLOODING

- HIGH RISK (GREATER THAN 1 IN 30 ANNUAL PROBABILITY OF FLOODING)
- MEDIUM RISK (BETWEEN 1 IN 100 AND 1 IN 30 ANNUAL PROBABILITY OF FLOODING)
- LOW RISK (BETWEEN 1 IN 1,000 AND 1 IN 100 ANNUAL PROBABILITY OF FLOODING)
- VERY LOW RISK (LESS THAN 1 IN 1,000 ANNUAL PROBABILITY OF FLOODING)

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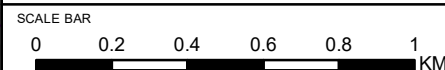


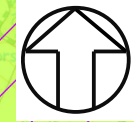
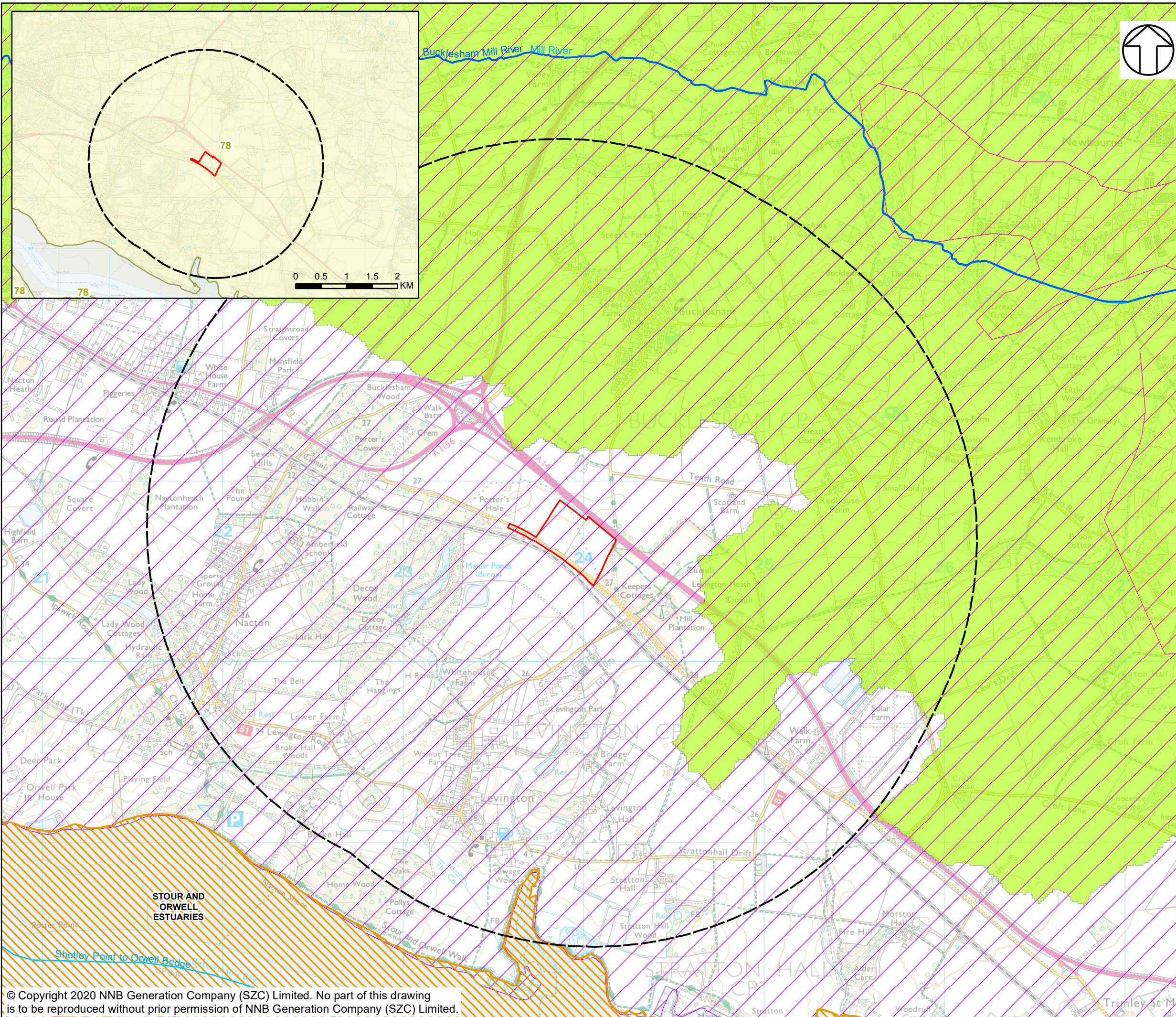
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PART 3: ASSOCIATED DEVELOPMENT SITES
FREIGHT MANAGEMENT FACILITY

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FREIGHT MANAGEMENT FACILITY
WFD WATER BODIES

DRAWING NO:
FIGURE 3.18

DATE: MARCH 2020 DRAWN: J.T. SCALE: 1:20,000 @A3





NOTES

KEY

- FREIGHT MANAGEMENT FACILITY DEVELOPMENT SITE BOUNDARY
- 2KM BUFFER
- WFD RIVER CANAL AND SURFACE WATER TRANSFER WATER BODIES
- MAIN RIVERS
- NITRATE VULNERABLE ZONES
- DESIGNATIONS**
- SPECIAL PROTECTION AREA (SPA)
- WFD RIVER WATER BODY CATCHMENTS**
- BUCKLESHAM MILL RIVER
- WFD GROUNDWATER OPERATIONAL CATCHMENTS**
- FELIXSTOWE PENINSULA CRAG AND CHALK
- WAVENEY AND EAST SUFFOLK CHALK AND CRAG

PROTECTED AREAS WITHIN 2 KM BUFFER AND WITHIN THE CATCHMENT AT RISK
 - WFD GROUNDWATER OPERATIONAL CATCHMENT: FELIXSTOWE PENINSULA CRAG AND CHALK
 - NVZ: 78
 - SPA: STOUR AND ORWELL ESTUARIES

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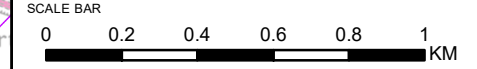


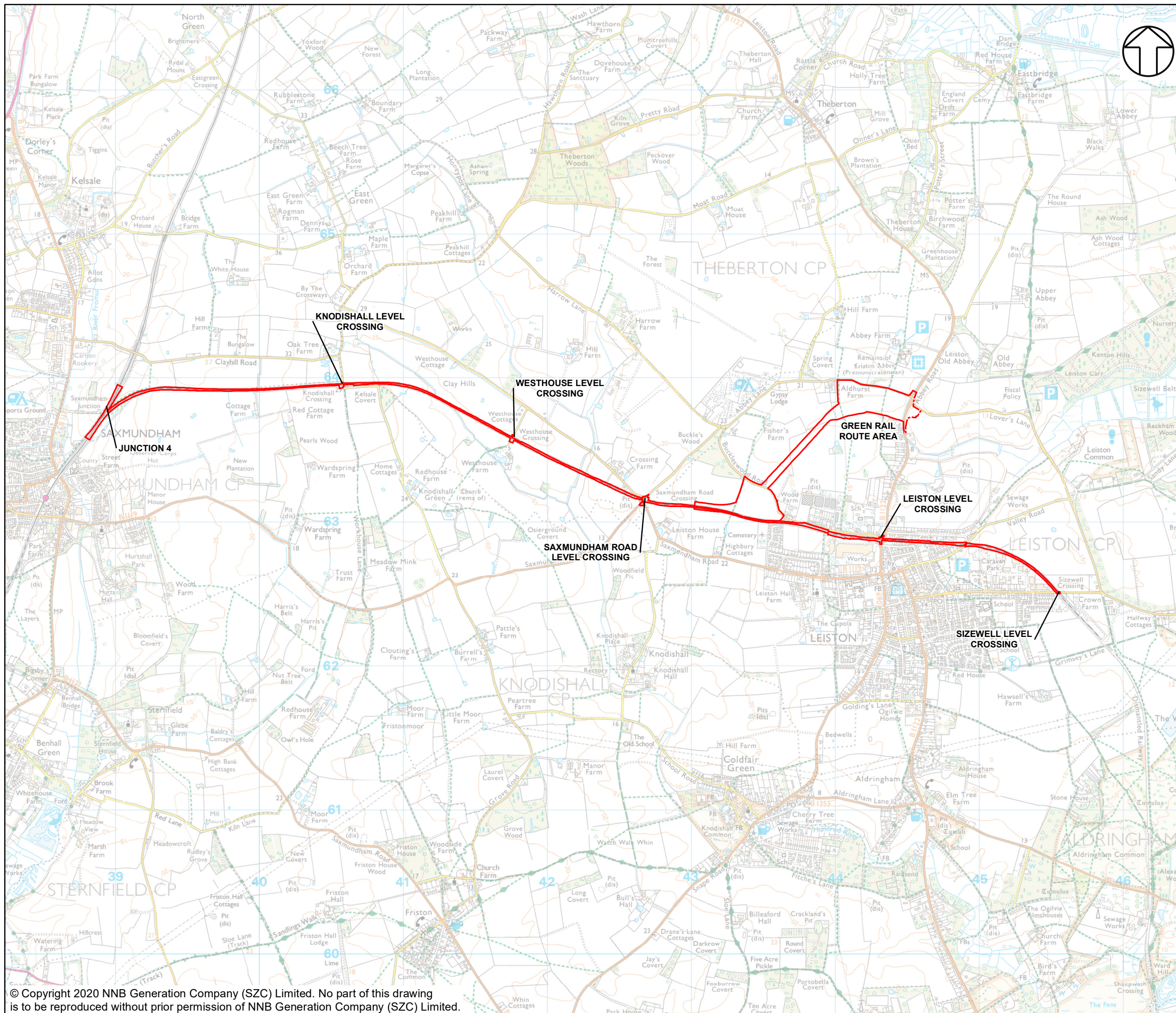
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 PART 3: ASSOCIATED DEVELOPMENT SITES
 FREIGHT MANAGEMENT FACILITY

DRAWING TITLE:
 FREIGHT MANAGEMENT FACILITY PROTECTED AREAS

DRAWING NO:
 FIGURE 3.19

DATE: MARCH 2020 **DRAWN:** J.T. **SCALE:** 1:20,000 @A3





NOTES

KEY

- GREEN RAIL ROUTE DEVELOPMENT
- SITE BOUNDARY
- VOLUME 9 ASSESSMENT
- SAXMUNDHAM TO LEISTON BRANCH
- LINE UPGRADES DEVELOPMENT
- SITE BOUNDARY

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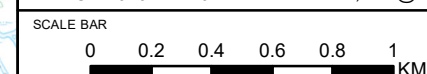


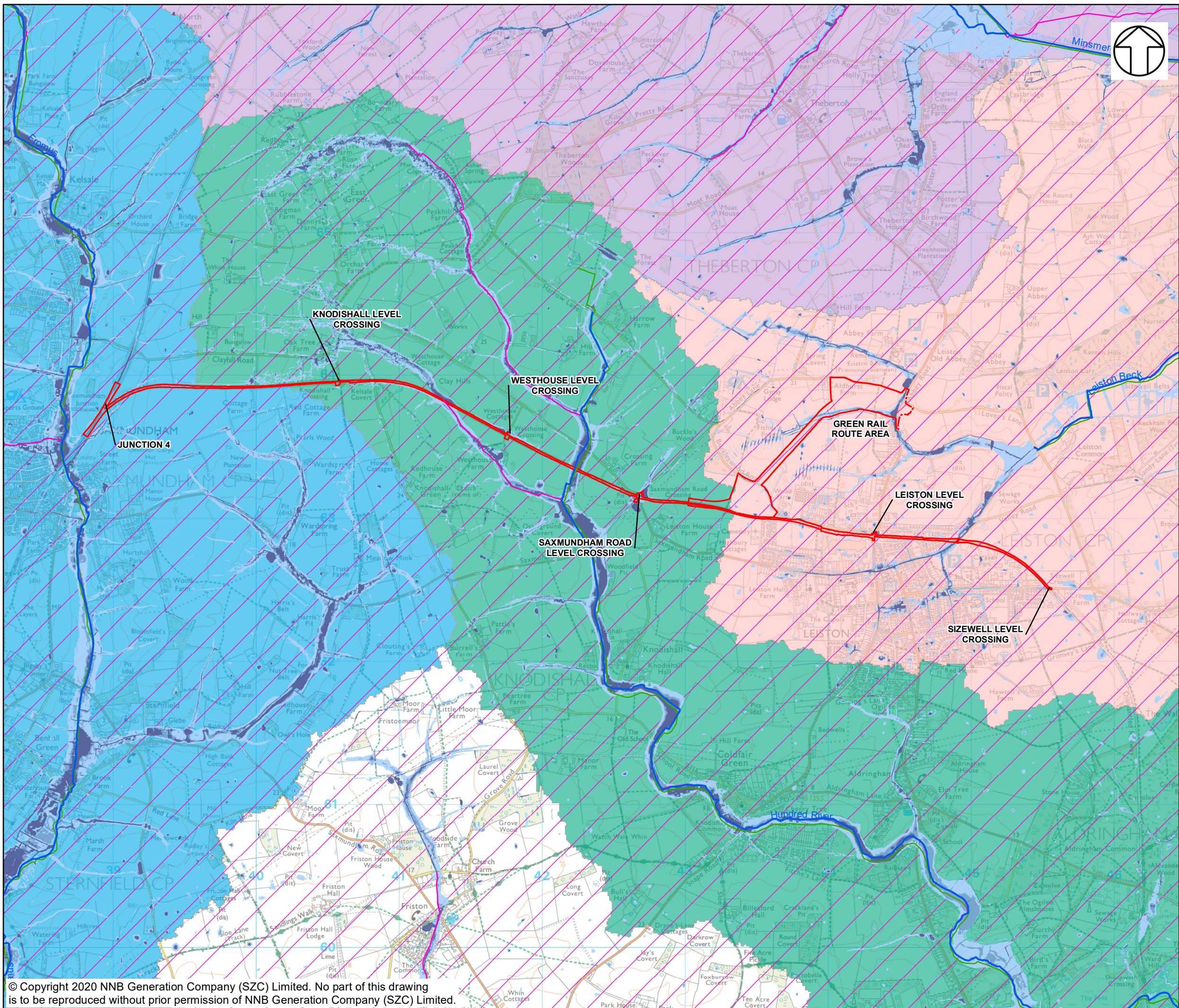
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 GREEN RAIL ROUTE AND OTHER RAIL
 IMPROVEMENTS

DRAWING TITLE:
 GREEN RAIL ROUTE AND OTHER RAIL
 IMPROVEMENTS LOCATION PLAN

DRAWING NO:
 FIGURE 3.20

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NOTES

KEY

- GREEN RAIL ROUTE DEVELOPMENT SITE BOUNDARY
 - - - VOLUME 9 ASSESSMENT
 - SAXMUNDHAM TO LEISTON BRANCH LINE UPGRADES DEVELOPMENT SITE BOUNDARY
 - WFD RIVER CANAL AND SURFACE WATER TRANSFER WATER BODIES
 - WFD RIVER WATER BODIES
 - MAIN RIVERS
- WFD RIVER WATER BODY CATCHMENTS**
- FROMUS
 - HUNDRED RIVER
 - LEISTON BECK
 - MINSMERE OLD RIVER
- WFD GROUNDWATER OPERATIONAL CATCHMENTS**
- WAVENEY AND EAST SUFFOLK CHALK AND CRAG
- ENVIRONMENT AGENCY RISK OF SURFACE WATER FLOODING**
- HIGH RISK (GREATER THAN 1 IN 30 ANNUAL PROBABILITY OF FLOODING)
 - MEDIUM RISK (BETWEEN 1 IN 100 AND 1 IN 30 ANNUAL PROBABILITY OF FLOODING)
 - LOW RISK (BETWEEN 1 IN 1,000 AND 1 IN 100 ANNUAL PROBABILITY OF FLOODING)
 - VERY LOW RISK (LESS THAN 1 IN 1,000 ANNUAL PROBABILITY OF FLOODING)

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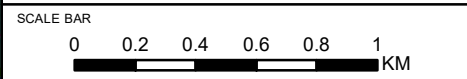


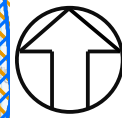
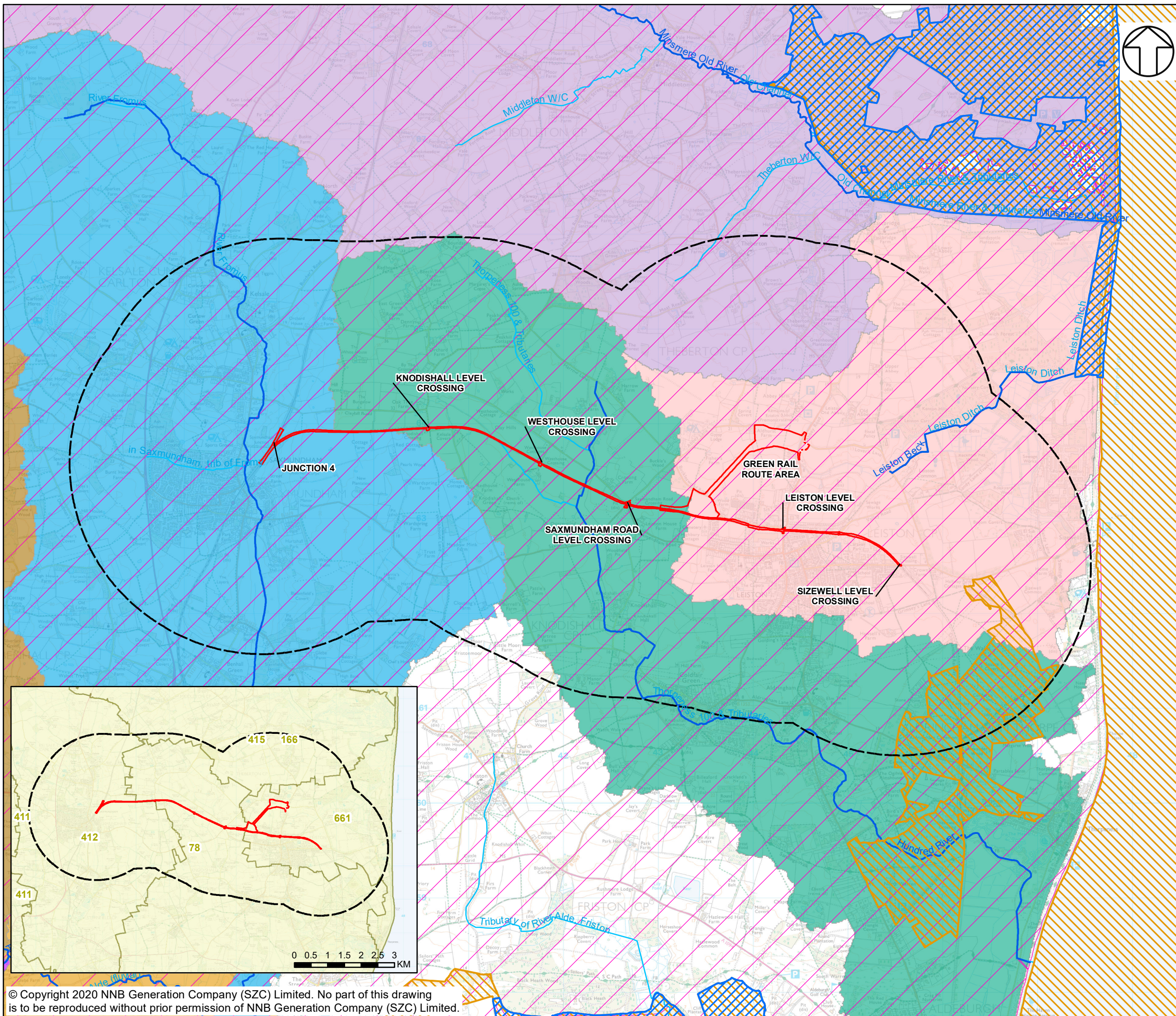
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 PART 3: ASSOCIATED DEVELOPMENT SITES
 GREEN RAIL ROUTE AND OTHER RAIL IMPROVEMENTS

DRAWING TITLE:
 GREEN RAIL ROUTE AND OTHER RAIL IMPROVEMENTS WFD WATER BODIES

DRAWING NO:
 FIGURE 3.21

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NOTES

KEY

- GREEN RAIL ROUTE DEVELOPMENT SITE BOUNDARY
- - - VOLUME 9 ASSESSMENT
- SAXMUNDHAM TO LEISTON BRANCH LINE UPGRADES DEVELOPMENT SITE BOUNDARY
- 2KM BUFFER
- WFD RIVER CANAL AND SURFACE WATER TRANSFER WATER BODIES
- MAIN RIVERS
- NITRATE VULNERABLE ZONES
- DESIGNATIONS**
- SPECIAL AREA OF CONSERVATION (SAC)
- SPECIAL PROTECTION AREA (SPA)
- WFD RIVER WATER BODY CATCHMENTS**
- ALDE
- ALDE - ORE (D/S CONFLUENCE)
- FROMUS
- HUNDRED RIVER
- LEISTON BECK
- MINSMERE OLD RIVER
- ORE

WFD GROUNDWATER OPERATIONAL CATCHMENTS

- WAVENEY AND EAST SUFFOLK CHALK AND CRAG

PROTECTED AREAS WITHIN 2 KM BUFFER

- WFD GROUNDWATER OPERATIONAL CATCHMENT: WAVENEY AND EAST SUFFOLK CHALK AND CRAG
- WFD RIVER WATER BODY CATCHMENT: FROMUS, HUNDRED RIVER, LEISTON BECK & MINSMERE OLD RIVER
- NVZ: 78, 166, 412, 415 & 661
- SPA: OUTER THAMES ESTUARY & SANDLINGS

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SIZEWELL C
WFD COMPLIANCE ASSESSMENT
PART 3: ASSOCIATED DEVELOPMENT SITES
GREEN RAIL ROUTE AND OTHER RAIL IMPROVEMENTS

DRAWING TITLE:
GREEN RAIL ROUTE AND OTHER RAIL IMPROVEMENTS PROTECTED AREAS

DRAWING NO:
FIGURE 3.22

DATE: MARCH 2020 DRAWN: J.T. SCALE: 1:38,000 @A3

