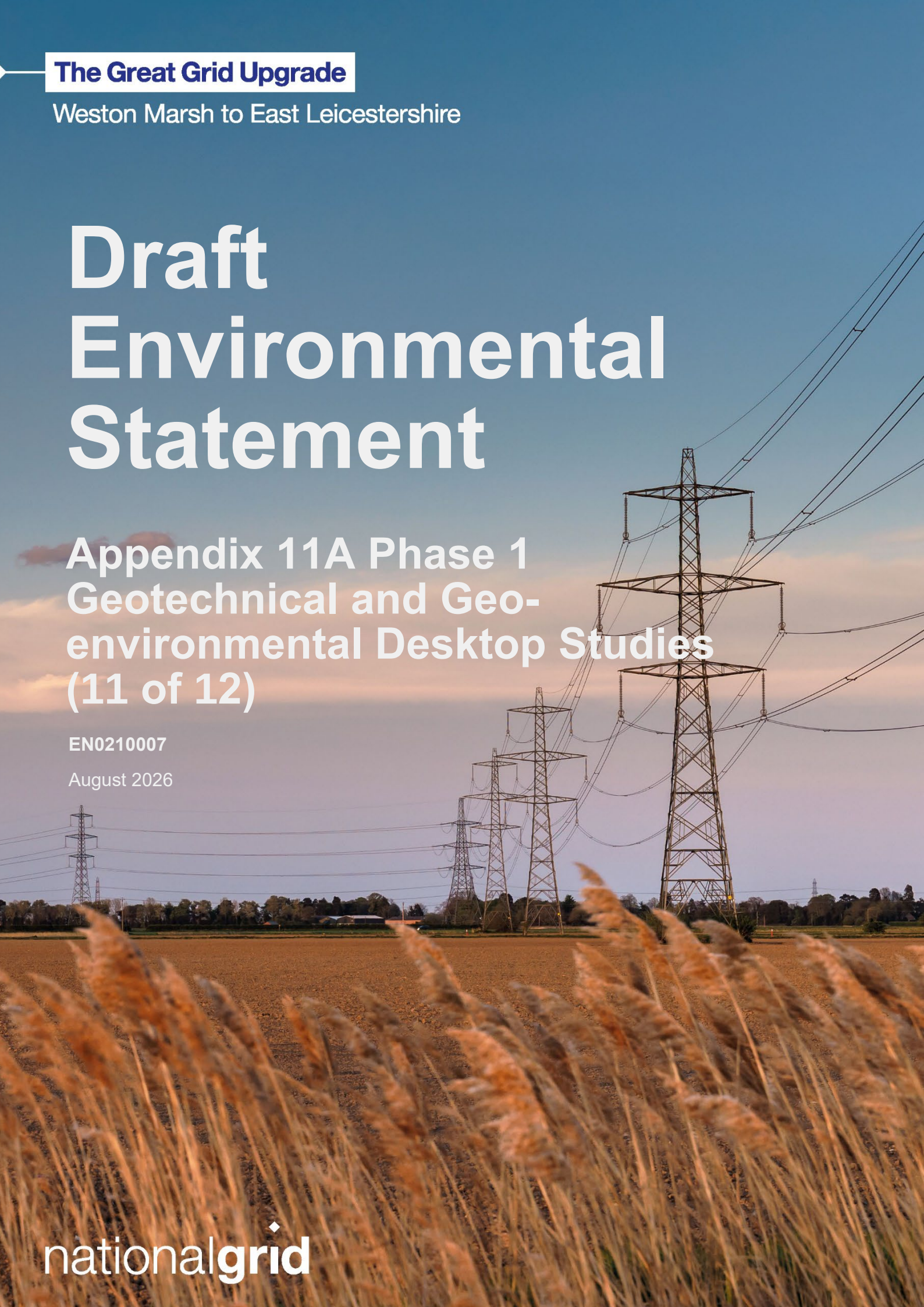




The Great Grid Upgrade

Weston Marsh to East Leicestershire

Draft Environmental Statement

Appendix 11A Phase 1 Geotechnical and Geo- environmental Desktop Studies (11 of 12)

EN0210007

August 2026

nationalgrid

11A. Phase 1 Geotechnical and Geo- environmental Desktop Studies



The Great Grid Upgrade

Weston Marsh to East Leicestershire

Phase 1 Geotechnical and Geo- Environmental Desktop Study Report

WMEL B Substation to Grendon Reconductoring

June 2026

nationalgrid

Appendix A

Figures

Appendix A Figures

Figure 1 – Site Location Plan

Figure 2 – Topography and Slope

Figure 3 – Published Superficial Geology and Artificial Ground

Figure 4 – Published Bedrock Geology and Artificial Ground

Figure 5 – Hydrogeology

Figure 6 – Hydrogeology - Aquifers

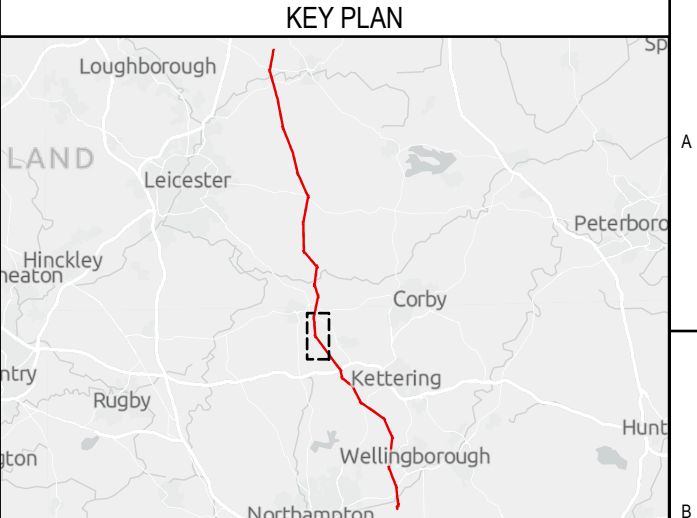
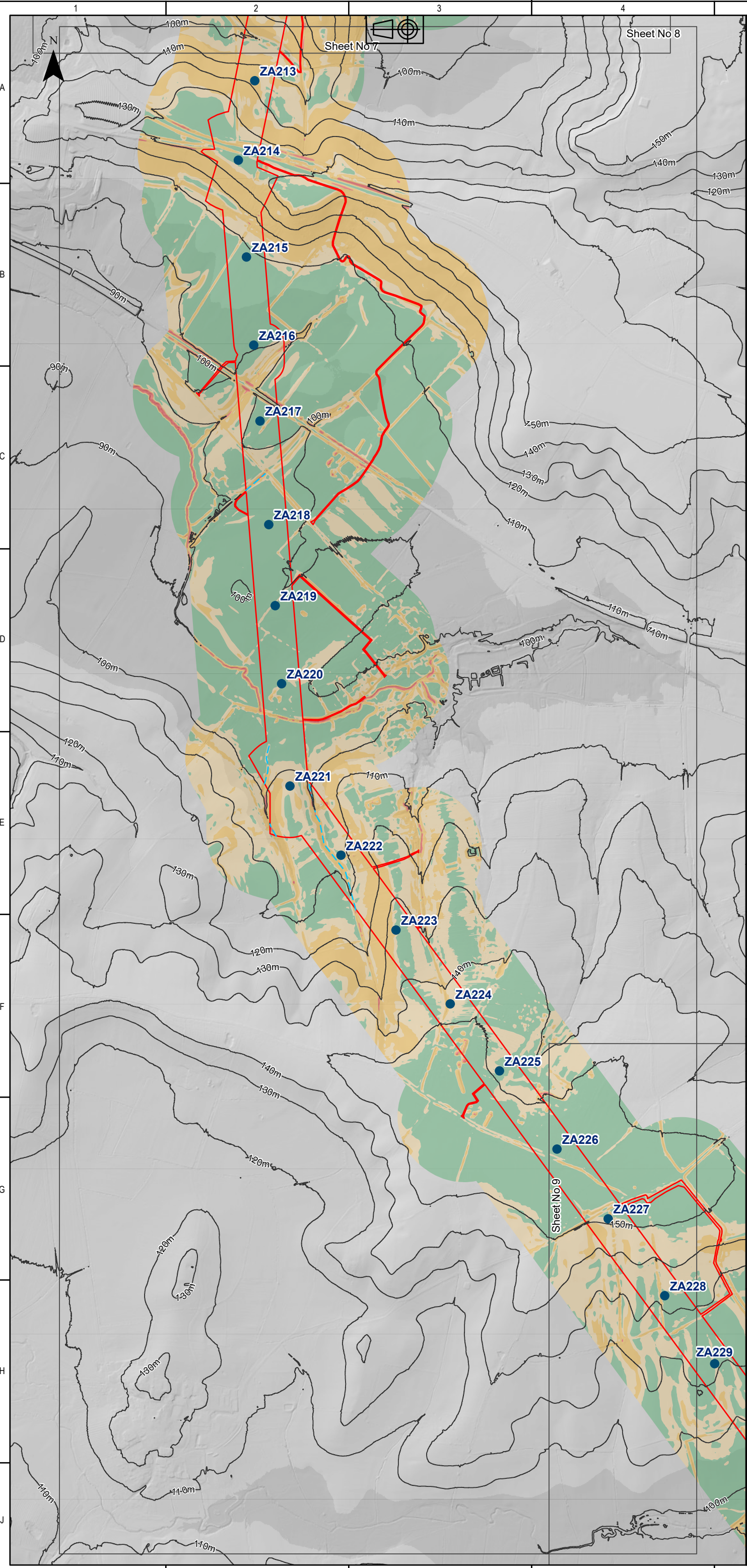
Figure 7 – Hydrology and Risk of Flooding

Figure 8 – Hydrology and Flooding

Figure 9 – Licensed Waste and Industrial Land Uses and Hazardous Substances

Figure 10 – Anticipated Geotechnical Hazards and Constraints

Figure 11 – Radon Risk



Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Contour Lines (10m)
- OS Surface Water Features - Lines

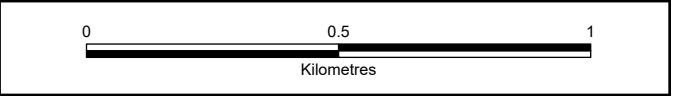
Topographic Slope Gradient

- Less than 3.5°
- 3.5° to 5.7°
- 5.7° to 15°
- Greater than 15°

Digital Terrain Model LiDAR (1m)

- 76 - 105
- 106 - 140
- 141 - 230

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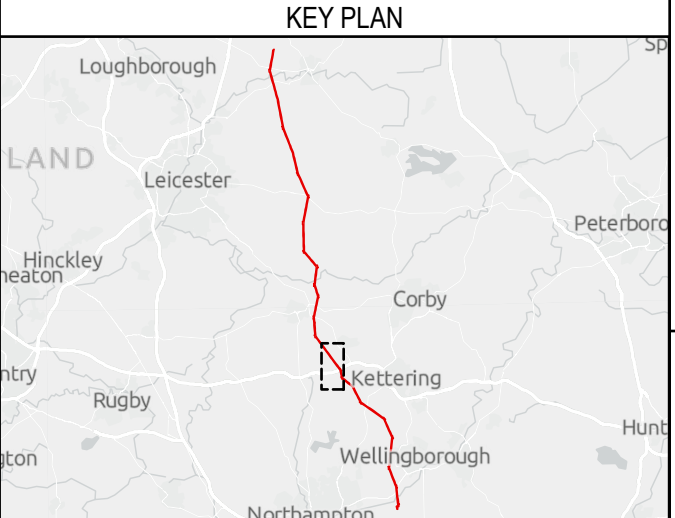
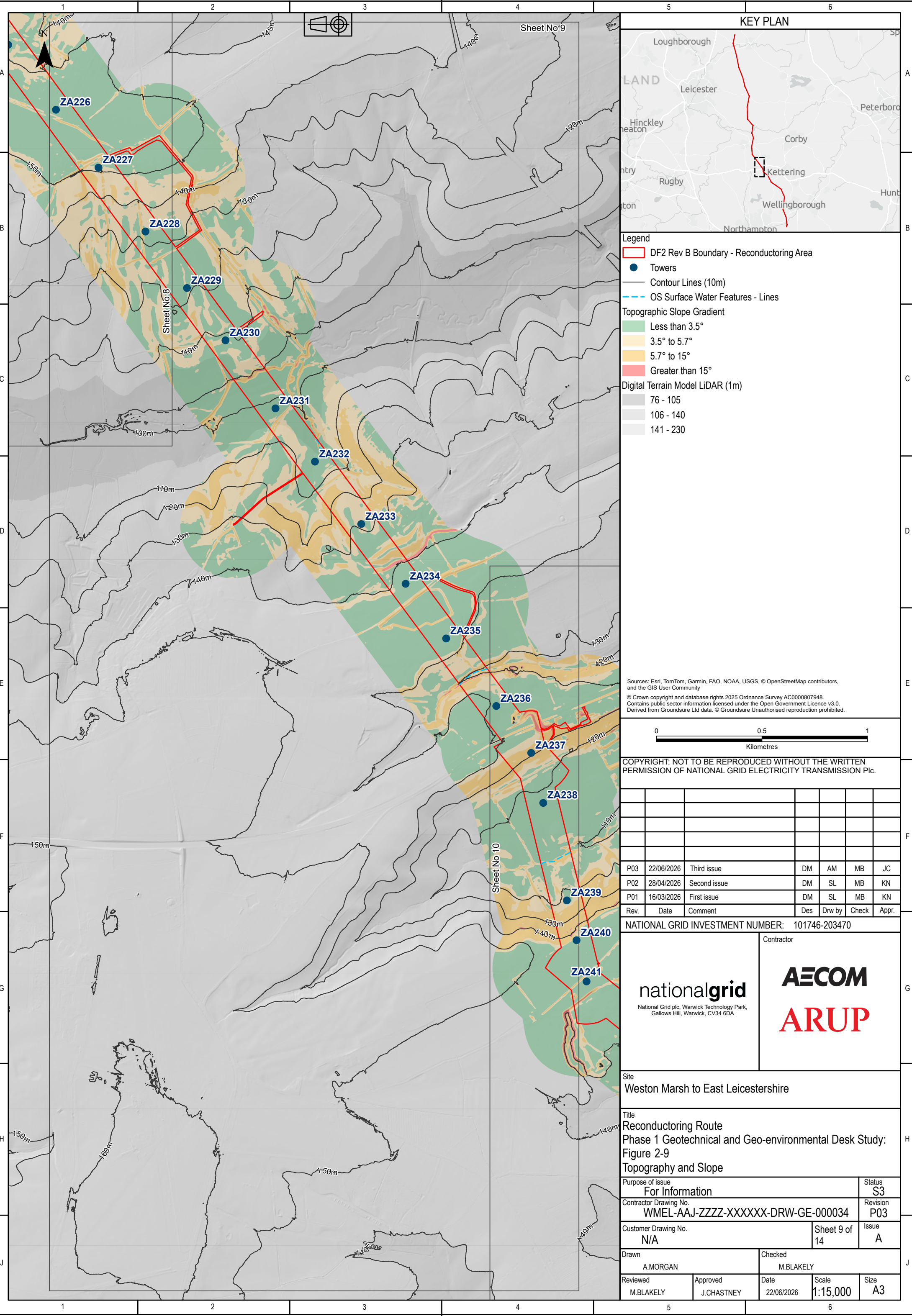
National Grid plc, Warwick Technology Park,
Gallows Hill, Warwick, CV34 6DA.

Contractor

Site
Weston Marsh to East Leicestershire

Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 2-8
Topography and Slope

Purpose of issue For Information				Status S3
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Customer Drawing No. N/A			Sheet 8 of 14	Issue A
Drawn A.MORGAN		Checked M.BLAKEY		
Reviewed M.BLAKEY	Approved J.CHASTNEY	Date 22/06/2026	Scale 1:15,000	Size A3



Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Contour Lines (10m)
- OS Surface Water Features - Lines

Topographic Slope Gradient

- Less than 3.5°
- 3.5° to 5.7°
- 5.7° to 15°
- Greater than 15°

Digital Terrain Model LiDAR (1m)

- 76 - 105
- 106 - 140
- 141 - 230

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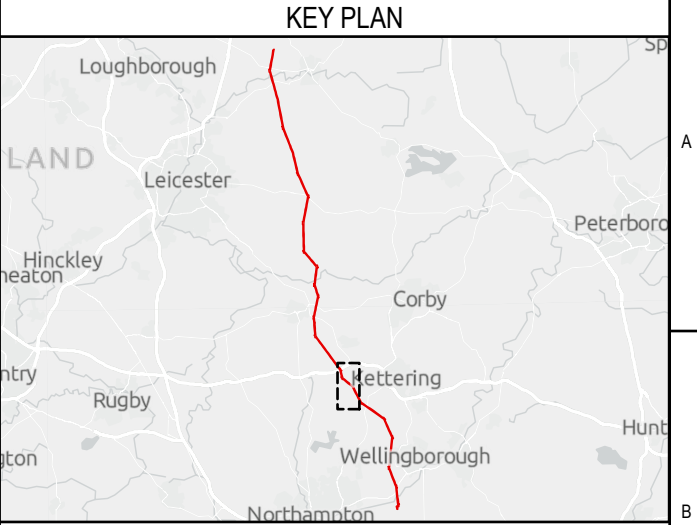
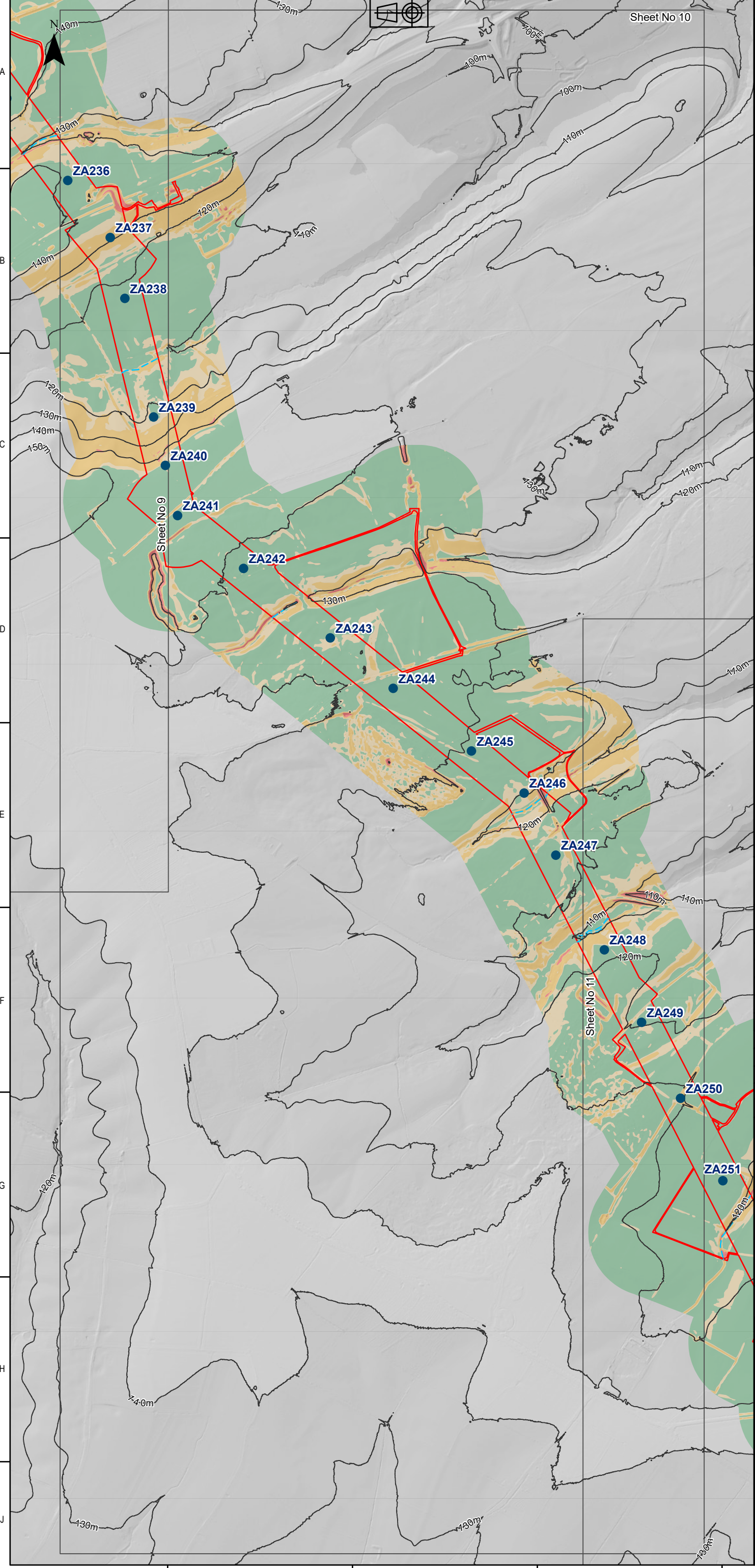
AECOM
ARUP

Contractor

Site
Weston Marsh to East Leicestershire

Title
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Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 2-9
Topography and Slope

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Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Contour Lines (10m)
- OS Surface Water Features - Lines

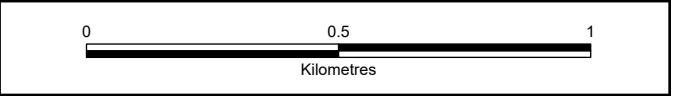
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- 3.5° to 5.7°
- 5.7° to 15°
- Greater than 15°

Digital Terrain Model LiDAR (1m)

- 76 - 105
- 106 - 140
- 141 - 230

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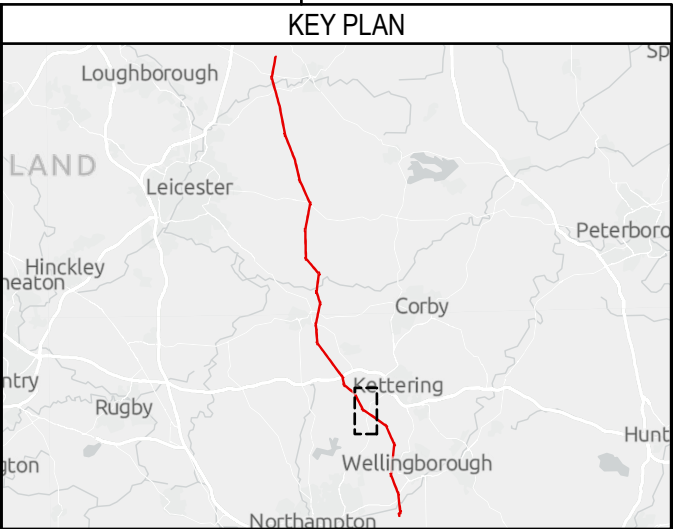
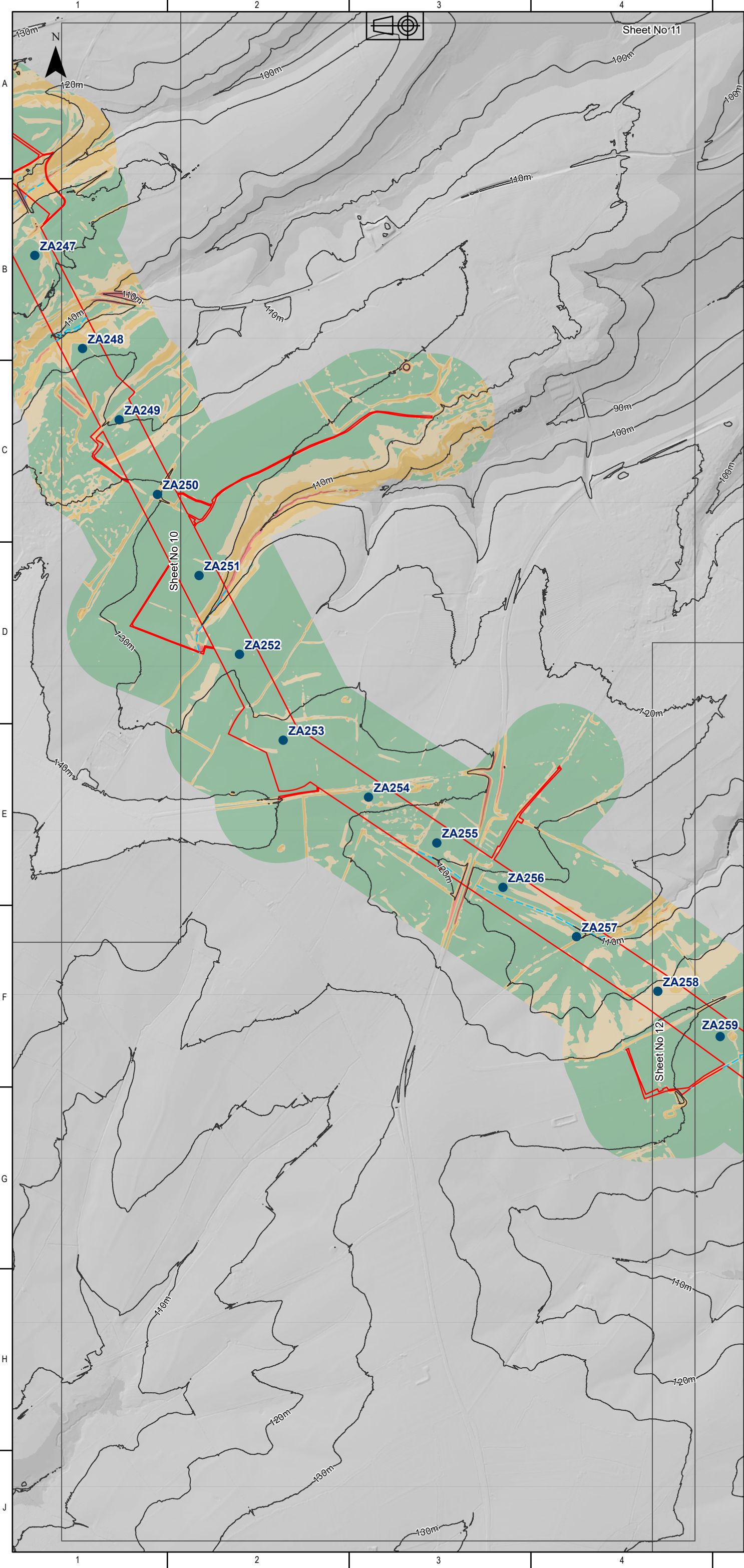
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Gallows Hill, Warwick, CV34 6DA.

Contractor

Site
Weston Marsh to East Leicestershire

Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 2-10
Topography and Slope

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Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Contour Lines (10m)
- OS Surface Water Features - Lines

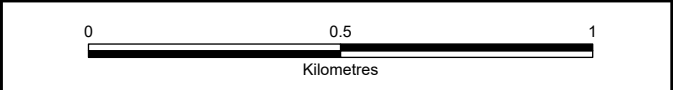
Topographic Slope Gradient

- Less than 3.5°
- 3.5° to 5.7°
- 5.7° to 15°
- Greater than 15°

Digital Terrain Model LiDAR (1m)

- 76 - 105
- 106 - 140
- 141 - 230

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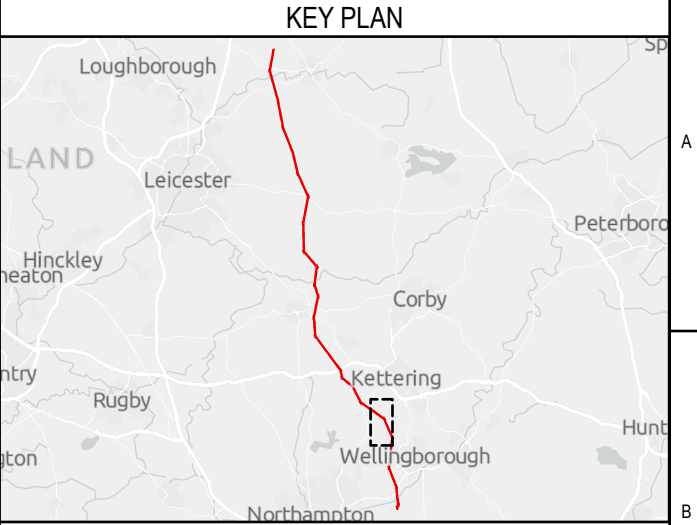
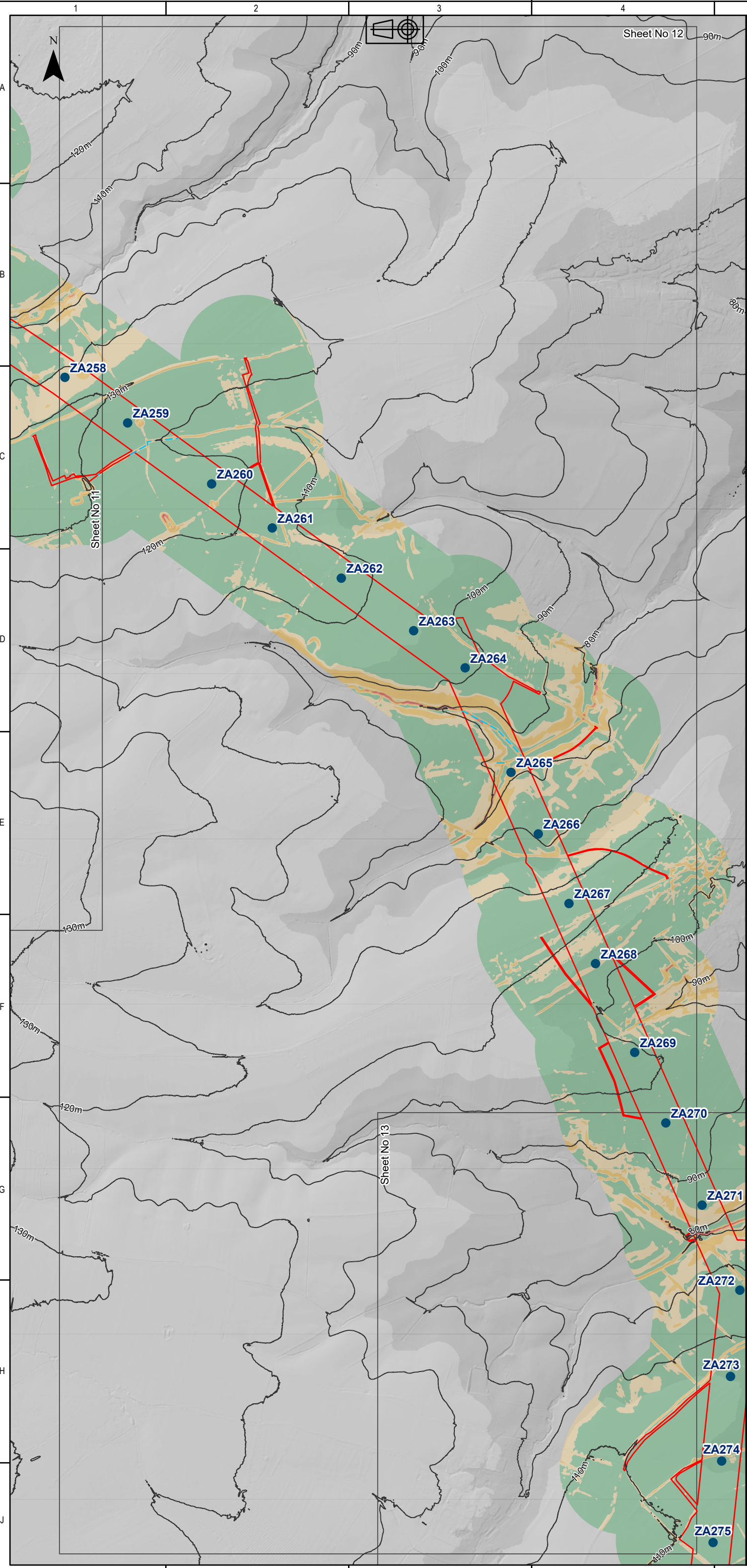
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Contractor

Site
Weston Marsh to East Leicestershire

Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 2-11
Topography and Slope

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Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Contour Lines (10m)
- OS Surface Water Features - Lines

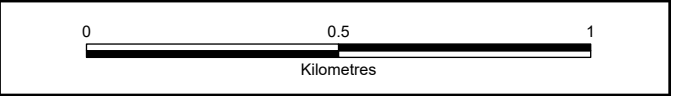
Topographic Slope Gradient

- Less than 3.5°
- 3.5° to 5.7°
- 5.7° to 15°
- Greater than 15°

Digital Terrain Model LiDAR (1m)

- 31 - 75
- 76 - 105
- 106 - 140

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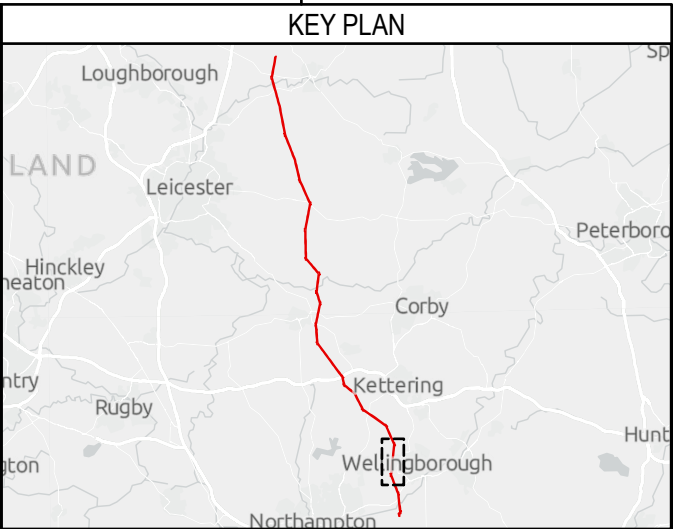
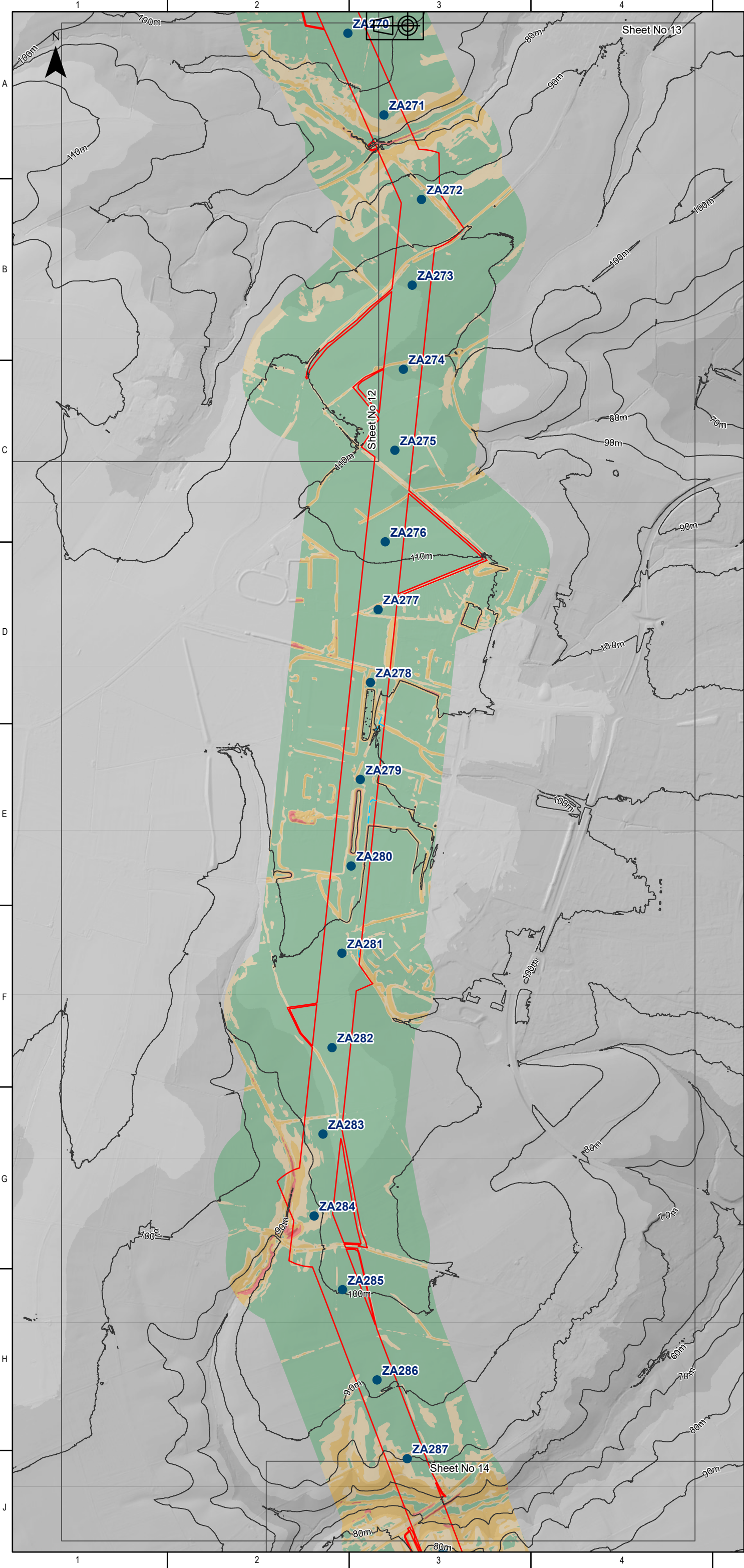
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Contractor

Site
Weston Marsh to East Leicestershire

Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 2-12
Topography and Slope

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Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Contour Lines (10m)
- OS Surface Water Features - Lines

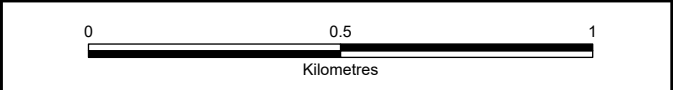
Topographic Slope Gradient

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- 3.5° to 5.7°
- 5.7° to 15°
- Greater than 15°

Digital Terrain Model LiDAR (1m)

- 31 - 75
- 76 - 105
- 106 - 140

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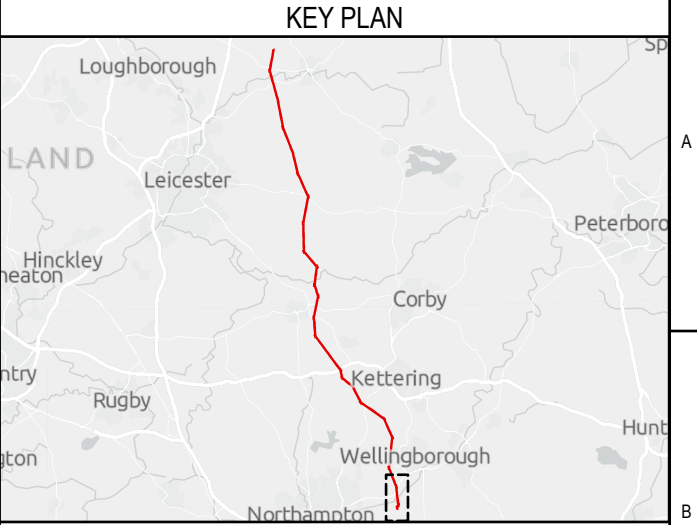
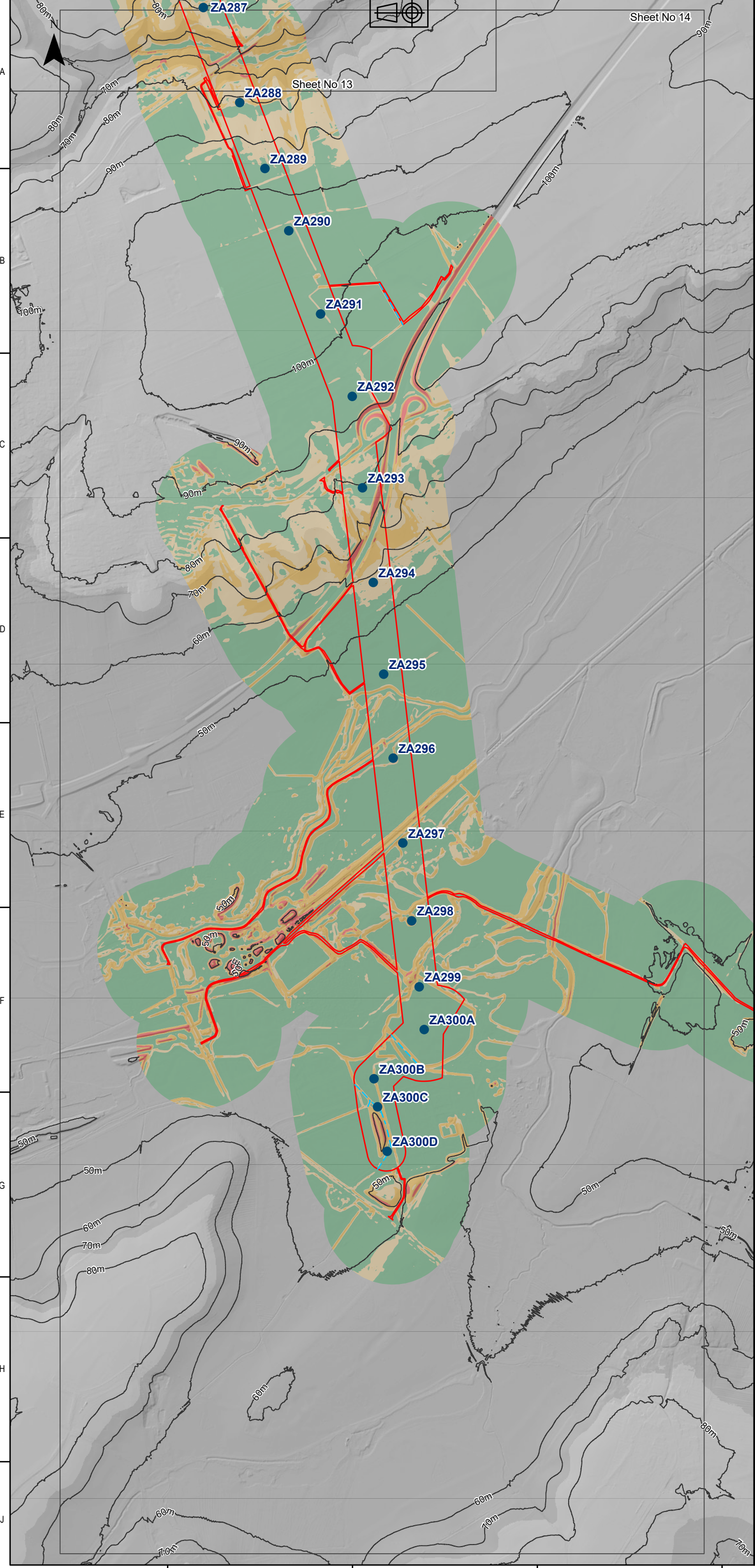
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Contractor

Site
Weston Marsh to East Leicestershire

Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 2-13
Topography and Slope

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Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Contour Lines (10m)
- OS Surface Water Features - Lines

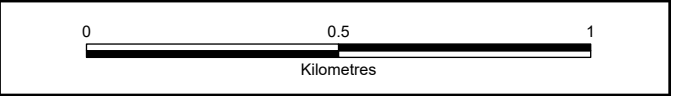
Topographic Slope Gradient

- Less than 3.5°
- 3.5° to 5.7°
- 5.7° to 15°
- Greater than 15°

Digital Terrain Model LiDAR (1m)

- 31 - 75
- 76 - 105
- 106 - 140

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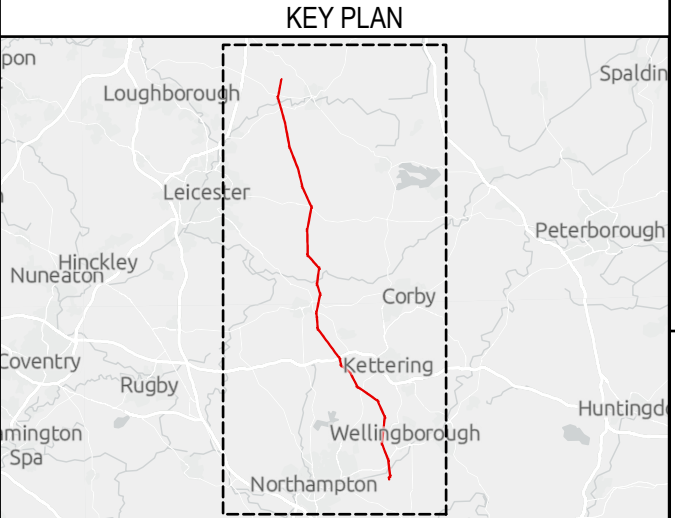
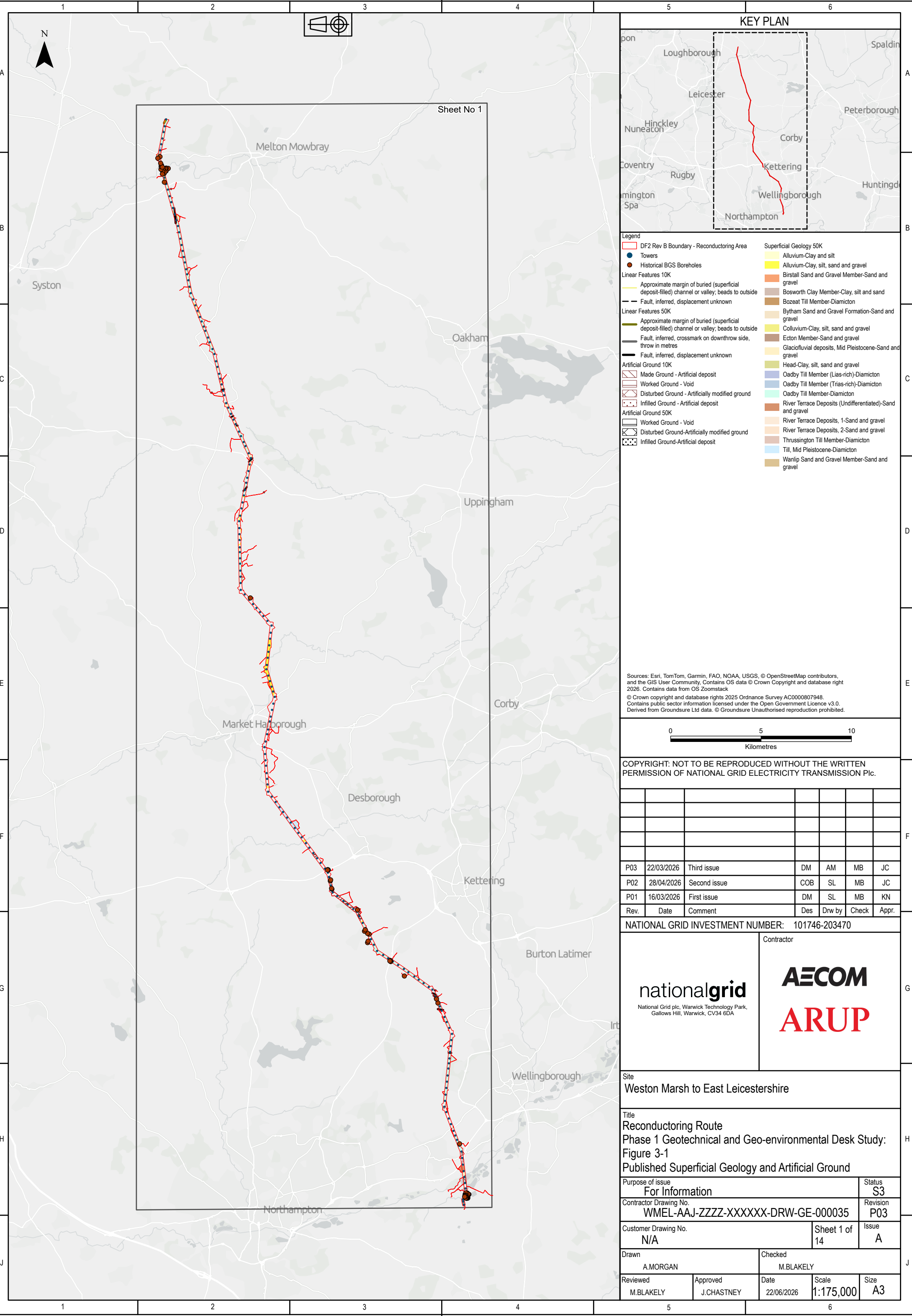
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Contractor

Site
Weston Marsh to East Leicestershire

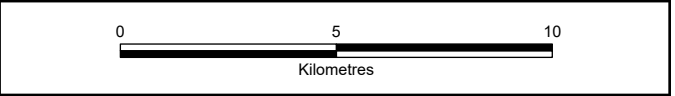
Title
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Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 2-14
Topography and Slope

Purpose of issue For Information				Status S3
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Drawn A.MORGAN		Checked M.BLAKEY		
Reviewed M.BLAKEY	Approved J.CHASTNEY	Date 22/06/2026	Scale 1:15,000	Size A3



Legend	
DF2 Rev B Boundary - Reconductoring Area	Superficial Geology 50K
Towers	Alluvium-Clay and silt
Historical BGS Boreholes	Alluvium-Clay, silt, sand and gravel
Linear Features 10K	
Approximate margin of buried (superficial deposit-filled) channel or valley; beads to outside	Birstall Sand and Gravel Member-Sand and gravel
Fault, inferred, displacement unknown	Bosworth Clay Member-Clay, silt and sand
Linear Features 50K	
Approximate margin of buried (superficial deposit-filled) channel or valley; beads to outside	Bozeat Till Member-Diamicton
Fault, inferred, crossmark on downthrow side, throw in metres	Bytham Sand and Gravel Formation-Sand and gravel
Fault, inferred, displacement unknown	Colluvium-Clay, silt, sand and gravel
Artificial Ground 10K	
Made Ground - Artificial deposit	Ecton Member-Sand and gravel
Worked Ground - Void	Glaciofluvial deposits, Mid Pleistocene-Sand and gravel
Disturbed Ground - Artificially modified ground	Head-Clay, silt, sand and gravel
Infilled Ground - Artificial deposit	Oadby Till Member (Lias-rich)-Diamicton
Artificial Ground 50K	
Worked Ground - Void	Oadby Till Member (Trias-rich)-Diamicton
Disturbed Ground-Artificially modified ground	Oadby Till Member-Diamicton
Infilled Ground-Artificial deposit	River Terrace Deposits (Undifferentiated)-Sand and gravel
	River Terrace Deposits, 1-Sand and gravel
	River Terrace Deposits, 2-Sand and gravel
	Thrusington Till Member-Diamicton
	Till, Mid Pleistocene-Diamicton
	Wanlip Sand and Gravel Member-Sand and gravel

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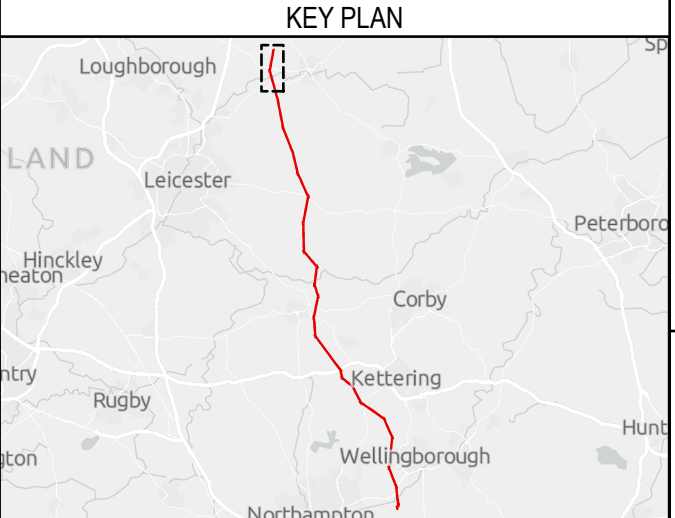
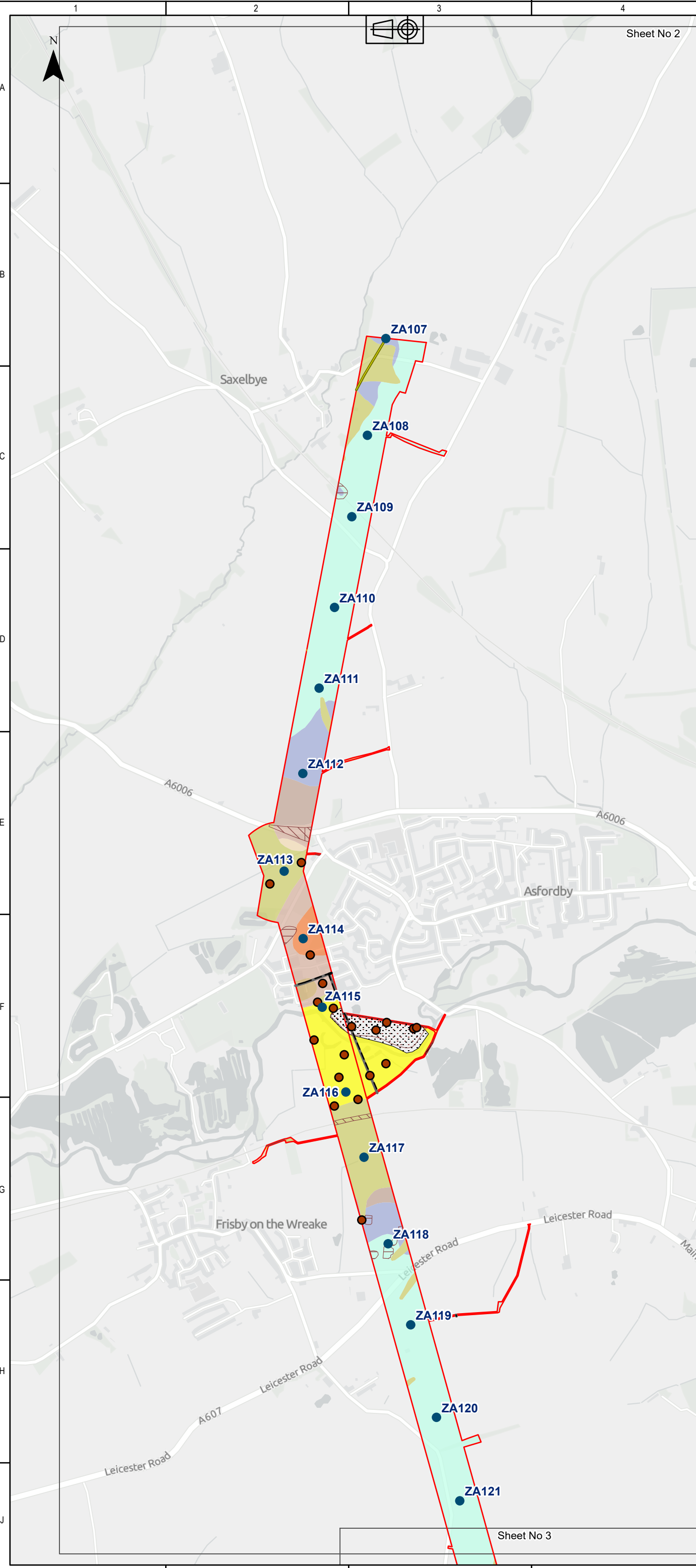
National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA.

Contractor

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Site
Weston Marsh to East Leicestershire

Title Reconductoring Route Phase 1 Geotechnical and Geo-environmental Desk Study: Figure 3-1 Published Superficial Geology and Artificial Ground					
Purpose of issue For Information					Status S3
Contractor Drawing No. WMEL-AAJ-ZZZZ-XXXXXX-DRW-GE-000035					Revision P03
Customer Drawing No. N/A				Sheet 1 of 14	Issue A
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Reviewed M.BLAKEY	Approved J.CHASTNEY	Date 22/06/2026	Scale 1:175,000	Size A3	



Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Historical BGS Boreholes

Linear Features 10K

- Approximate margin of buried (superficial deposit-filled) channel or valley; beads to outside
- Fault, inferred, displacement unknown

Linear Features 50K

- Approximate margin of buried (superficial deposit-filled) channel or valley; beads to outside
- Fault, inferred, crossmark on downthrow side, throw in metres
- Fault, inferred, displacement unknown

Artificial Ground 10K

- Made Ground - Artificial deposit
- Worked Ground - Void
- Infilled Ground - Artificial deposit

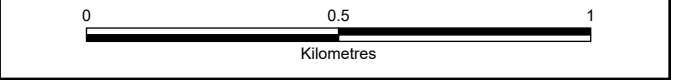
Artificial Ground 50K

- Infilled Ground-Artificial deposit

Superficial Geology 50K

- Alluvium-Clay, silt, sand and gravel
- Birstall Sand and Gravel Member-Sand and gravel
- Bosworth Clay Member-Clay, silt and sand
- Bytham Sand and Gravel Formation-Sand and gravel
- Head-Clay, silt, sand and gravel
- Oadby Till Member (Lias-rich)-Diamicton
- Oadby Till Member-Diamicton
- Thrussington Till Member-Diamicton
- Wanlip Sand and Gravel Member-Sand and gravel

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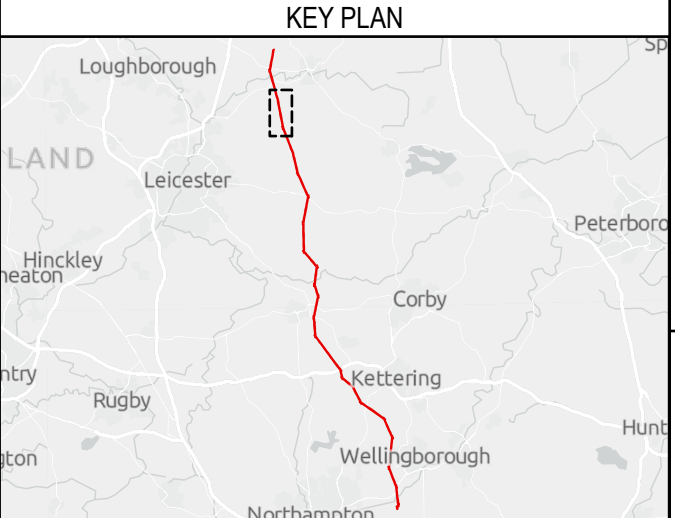
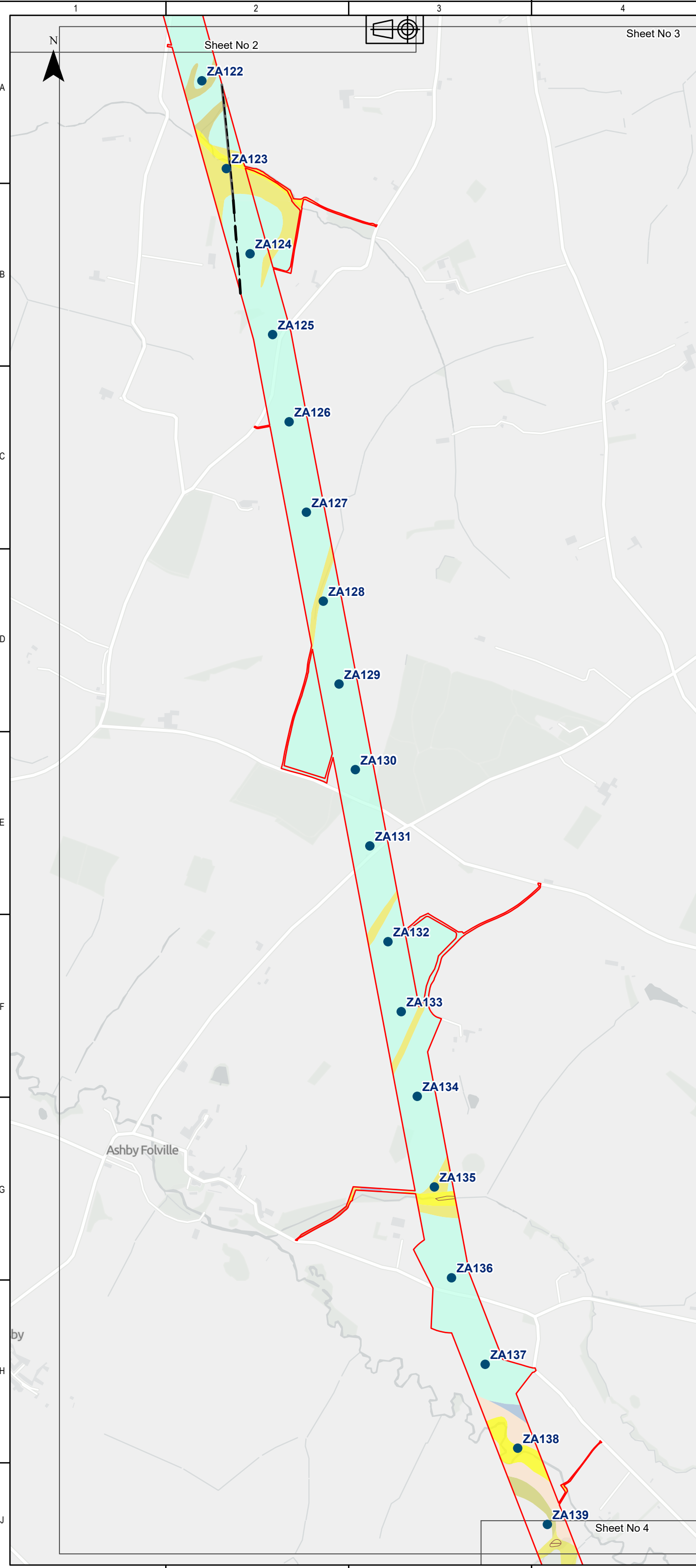
National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA.

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Site
Weston Marsh to East Leicestershire

Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 3-2
Published Superficial Geology and Artificial Ground

Purpose of issue For Information				Status S3
Contractor Drawing No. WMEL-AAJ-ZZZZ-XXXXXX-DRW-GE-000035				Revision P03
Customer Drawing No. N/A			Sheet 2 of 14	Issue A
Drawn A.MORGAN		Checked M.BLAKEY		
Reviewed M.BLAKEY	Approved J.CHASTNEY	Date 22/06/2026	Scale 1:15,000	Size A3



- Legend
- DF2 Rev B Boundary - Reconductoring Area
 - Towers
 - Linear Features 10K
 - Fault, inferred, displacement unknown
 - Linear Features 50K
 - Fault, inferred, crossmark on downthrow side, throw in metres
 - Fault, inferred, displacement unknown
 - Artificial Ground 10K
 - Worked Ground - Void
 - Superficial Geology 50K
 - Alluvium-Clay, silt, sand and gravel
 - Colluvium-Clay, silt, sand and gravel
 - Head-Clay, silt, sand and gravel
 - Oadby Till Member (Lias-rich)-Diamicton
 - Oadby Till Member (Trias-rich)-Diamicton
 - Oadby Till Member-Diamicton
 - River Terrace Deposits (Undifferentiated)-Sand and gravel
 - River Terrace Deposits, 1-Sand and gravel

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Rev.	Date	Comment	Des	Drw by	Check	Appr.

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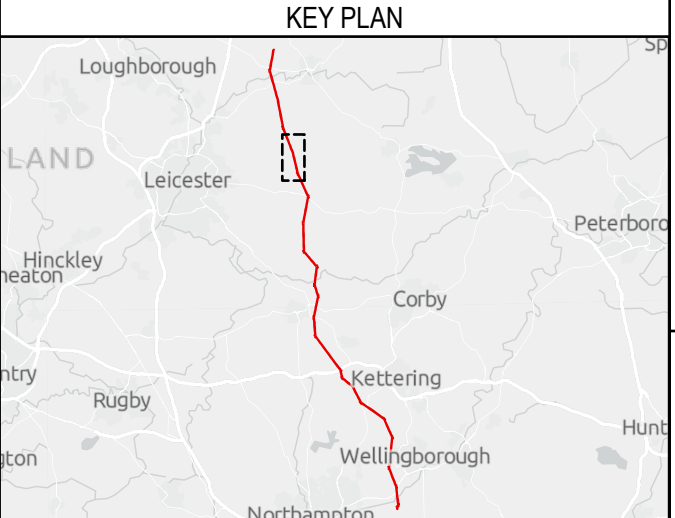
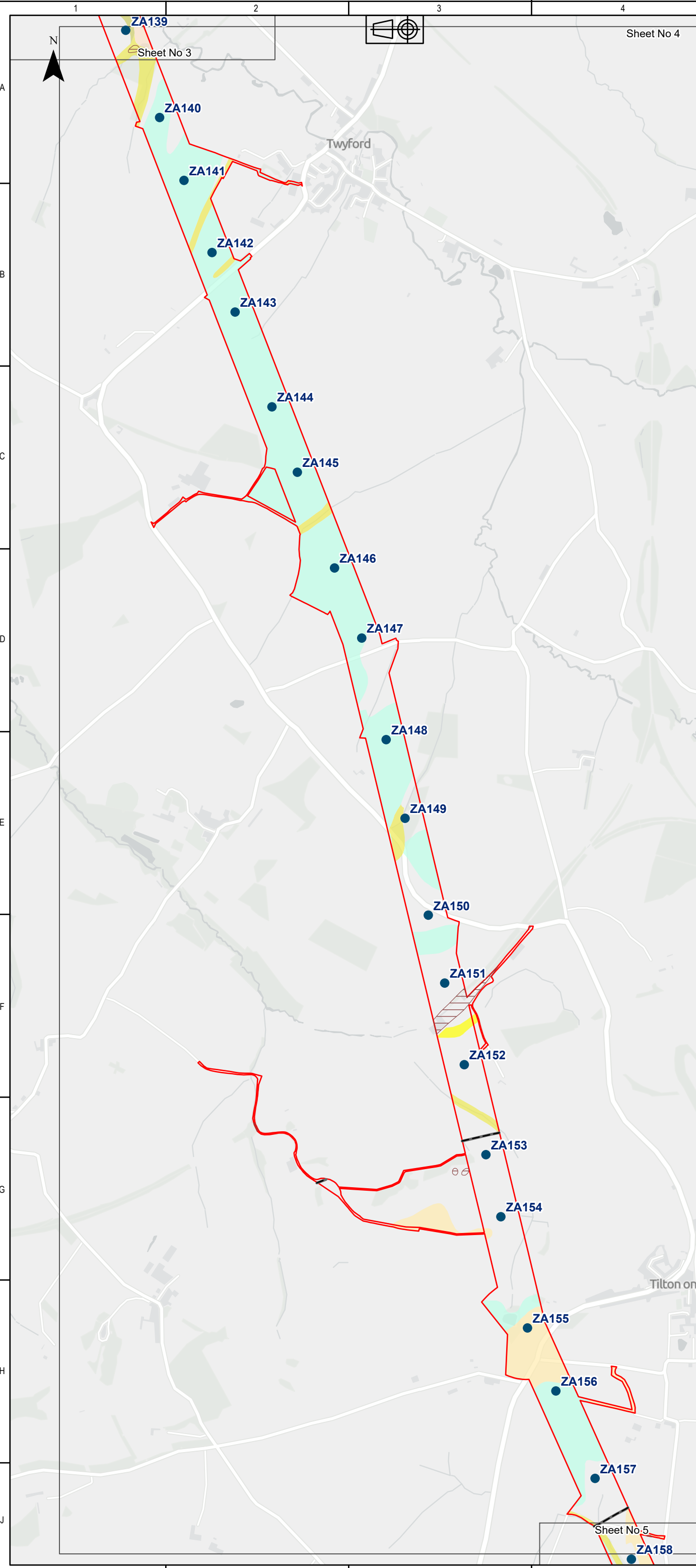
National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA.

Contractor

Site
Weston Marsh to East Leicestershire

Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 3-3
Published Superficial Geology and Artificial Ground

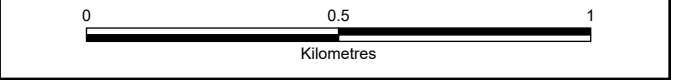
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Contractor Drawing No. WMEL-AAJ-ZZZZ-XXXXXX-DRW-GE-000035				Revision P03
Customer Drawing No. N/A			Sheet 3 of 14	Issue A
Drawn A.MORGAN		Checked M.BLAKEY		
Reviewed M.BLAKEY	Approved J.CHASTNEY	Date 22/06/2026	Scale 1:15,000	Size A3



Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Linear Features 10K
 - Fault, inferred, displacement unknown
- Linear Features 50K
 - Fault, inferred, crossmark on downthrow side, throw in metres
- Artificial Ground 10K
 - Made Ground - Artificial deposit
 - Worked Ground - Void
- Superficial Geology 50K
 - Alluvium-Clay, silt, sand and gravel
 - Colluvium-Clay, silt, sand and gravel
 - Glaciofluvial deposits, Mid Pleistocene-Sand and gravel
 - Head-Clay, silt, sand and gravel
 - Oadby Till Member-Diamicton
 - River Terrace Deposits, 1-Sand and gravel

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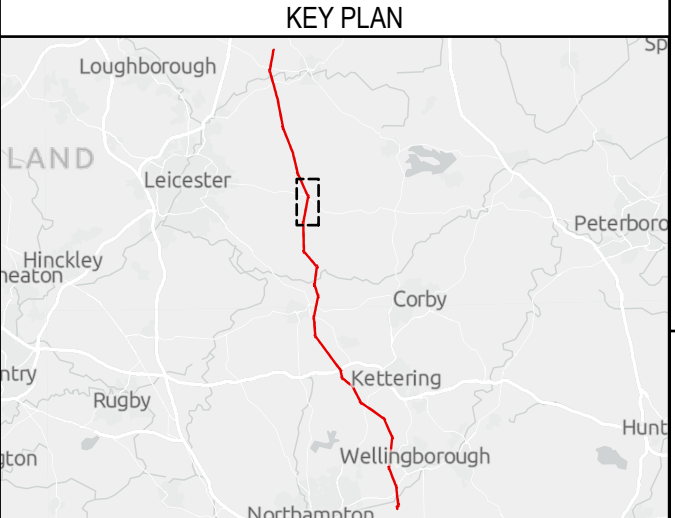
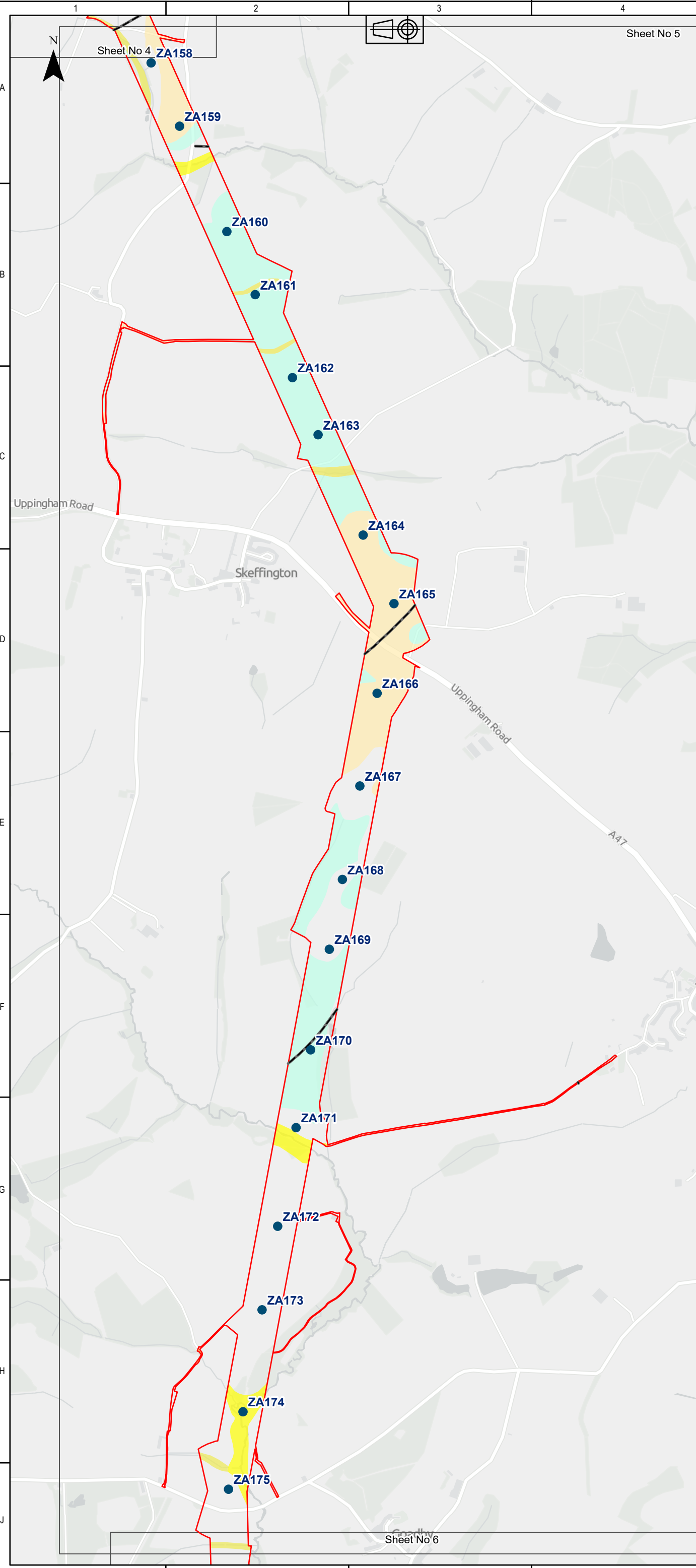
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Contractor

Site
Weston Marsh to East Leicestershire

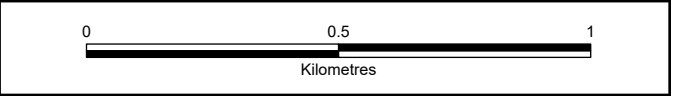
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Purpose of issue For Information					Status S3
Contractor Drawing No. WMEL-AAJ-ZZZZ-XXXXXX-DRW-GE-000035					Revision P03
Customer Drawing No. N/A				Sheet 4 of 14	Issue A
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Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Linear Features 10K
 - Fault, inferred, displacement unknown
- Linear Features 50K
 - Fault, inferred, crossmark on downthrow side, throw in metres
- Artificial Ground 10K
 - Worked Ground - Void
- Superficial Geology 50K
 - Alluvium-Clay, silt, sand and gravel
 - Colluvium-Clay, silt, sand and gravel
 - Glaciofluvial deposits, Mid Pleistocene-Sand and gravel
 - Oadby Till Member-Diamicton

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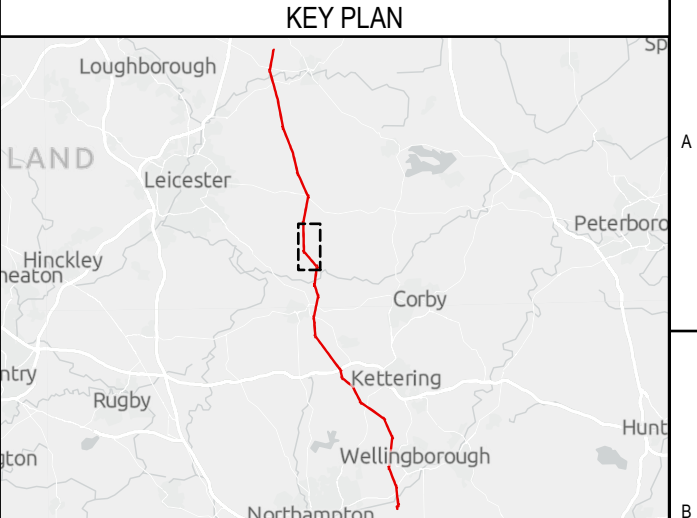
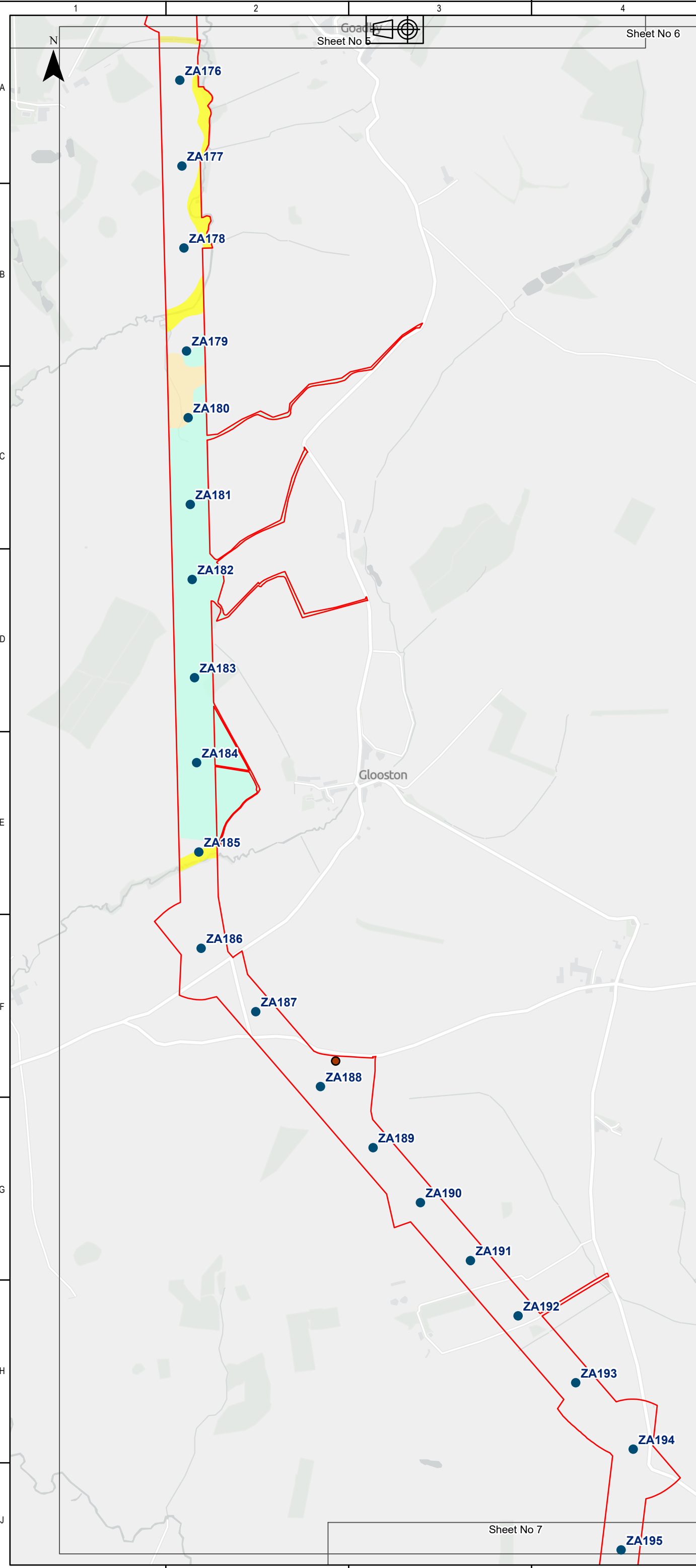
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Contractor

Site
Weston Marsh to East Leicestershire

Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 3-5
Published Superficial Geology and Artificial Ground

Purpose of issue For Information				Status S3
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Customer Drawing No. N/A			Sheet 5 of 14	Issue A
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Legend

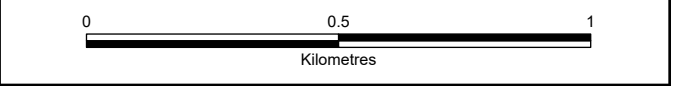
- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Historical BGS Boreholes

Superficial Geology 50K

- Alluvium-Clay, silt, sand and gravel
- Colluvium-Clay, silt, sand and gravel
- Glaciofluvial deposits, Mid Pleistocene-Sand and gravel
- Oadby Till Member-Diamicton
- River Terrace Deposits, 2-Sand and gravel

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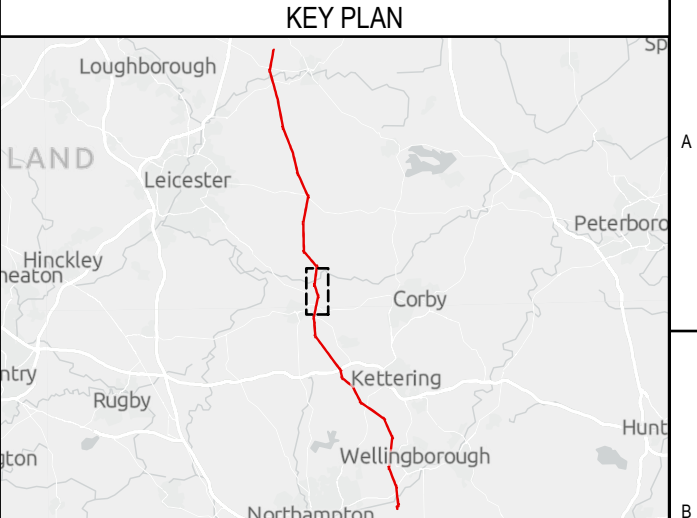
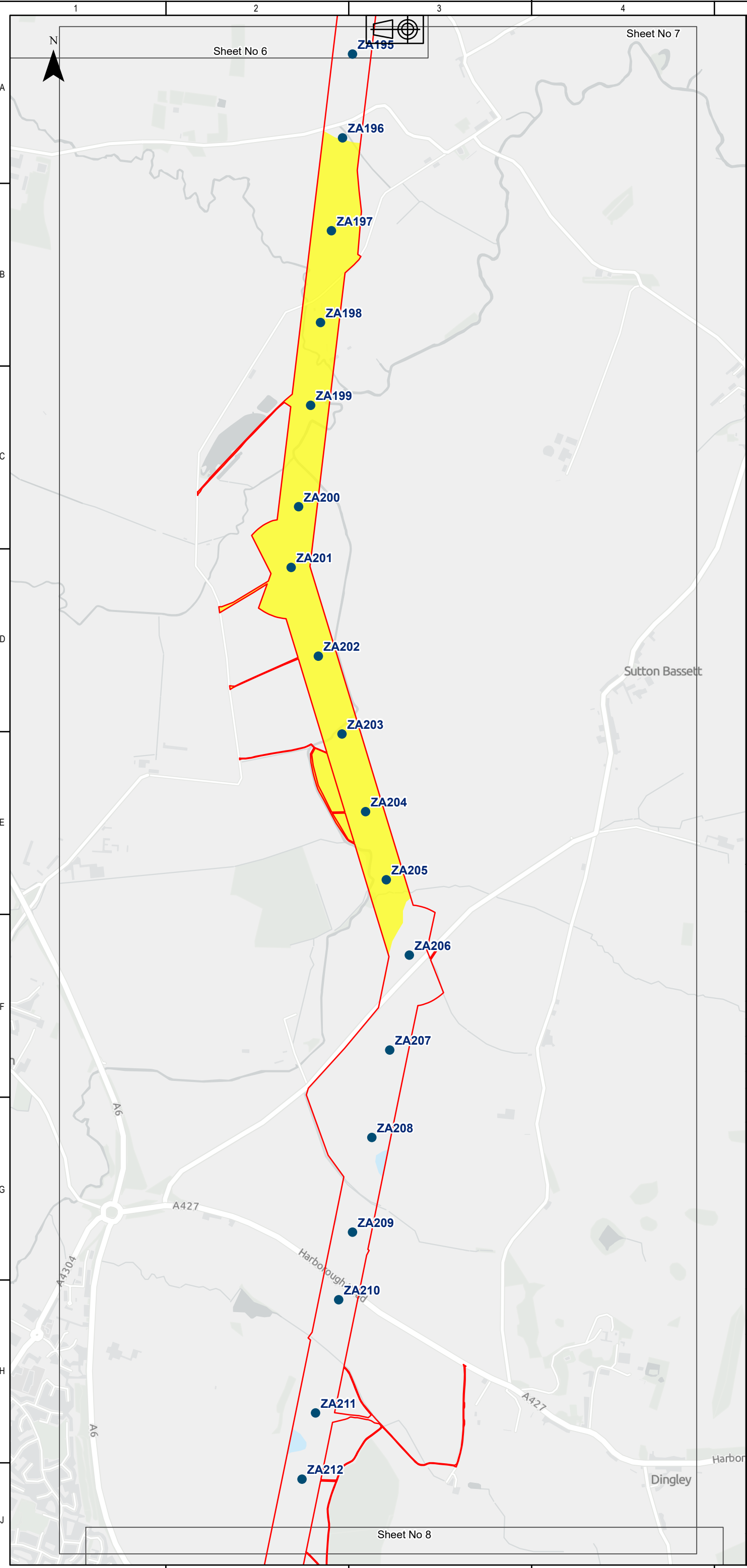
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Contractor

Site
Weston Marsh to East Leicestershire

Title Reconductoring Route Phase 1 Geotechnical and Geo-environmental Desk Study: Figure 3-6 Published Superficial Geology and Artificial Ground					
Purpose of issue For Information					Status S3
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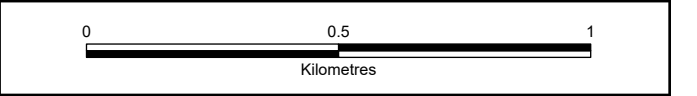
Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers

Superficial Geology 50K

- Alluvium-Clay, silt, sand and gravel
- River Terrace Deposits, 2-Sand and gravel
- Till, Mid Pleistocene-Diamicton

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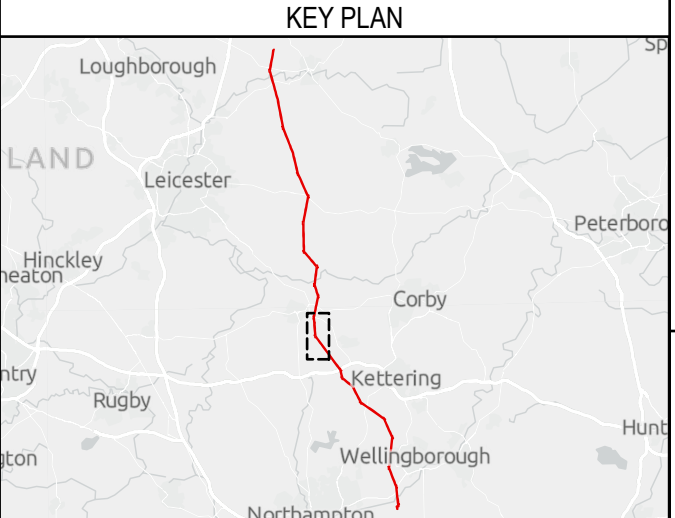
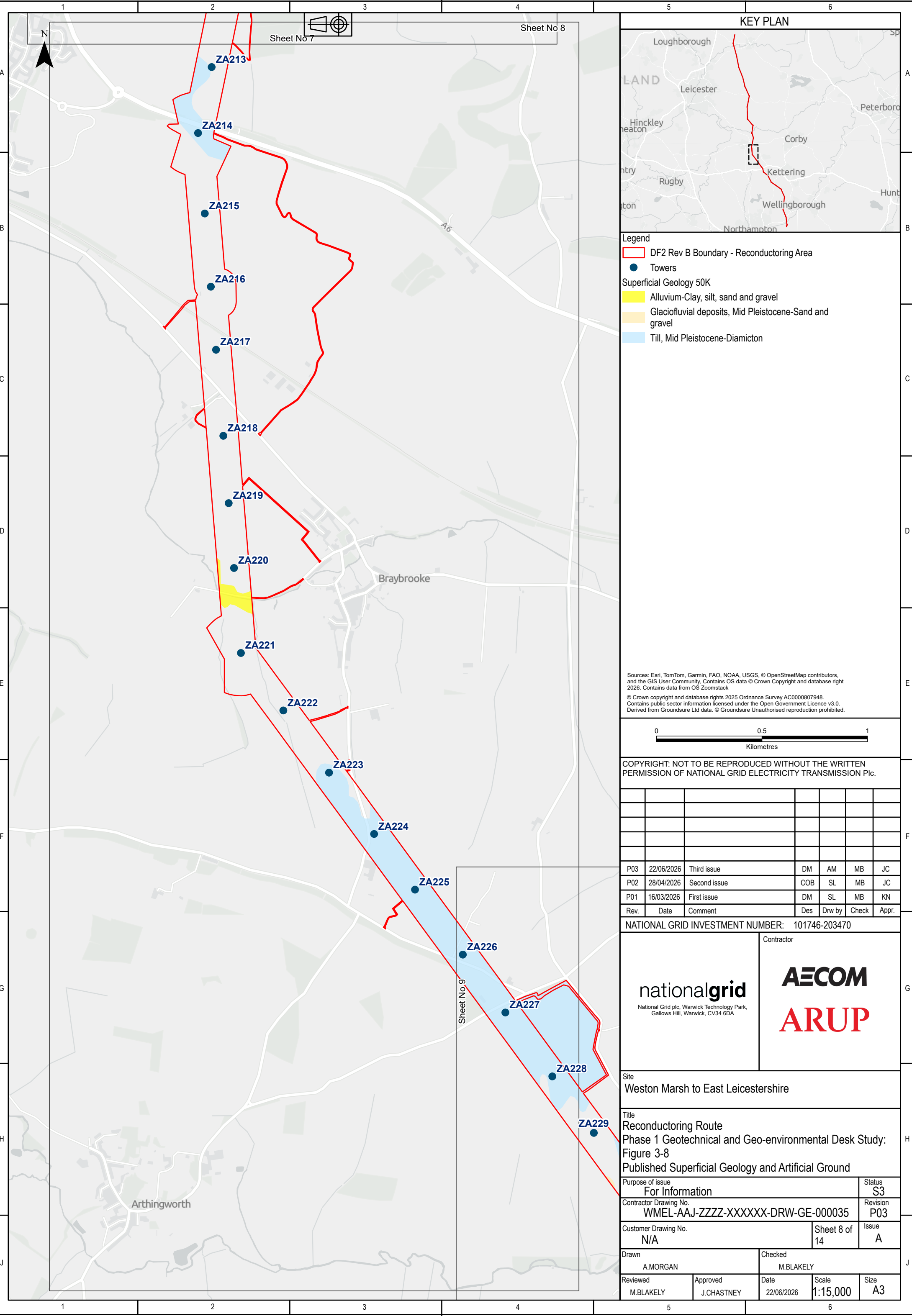
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Contractor

Site
Weston Marsh to East Leicestershire

Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 3-7
Published Superficial Geology and Artificial Ground

Purpose of issue For Information				Status S3
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Customer Drawing No. N/A			Sheet 7 of 14	Issue A
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Reviewed M.BLAKEY	Approved J.CHASTNEY	Date 22/06/2026	Scale 1:15,000	Size A3



Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers

Superficial Geology 50K

- Alluvium-Clay, silt, sand and gravel
- Glaciofluvial deposits, Mid Pleistocene-Sand and gravel
- Till, Mid Pleistocene-Diamicton

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nationalgrid

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AECOM
ARUP

Site

Weston Marsh to East Leicestershire

Title

Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 3-8
Published Superficial Geology and Artificial Ground

Purpose of issue

For Information

Status

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Contractor Drawing No.

WMEL-AAJ-ZZZZ-XXXXXX-DRW-GE-000035

Revision

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N/A

Sheet 8 of 14

Issue

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Drawn

A.MORGAN

Checked

M.BLAKEY

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M.BLAKEY

Approved

J.CHASTNEY

Date

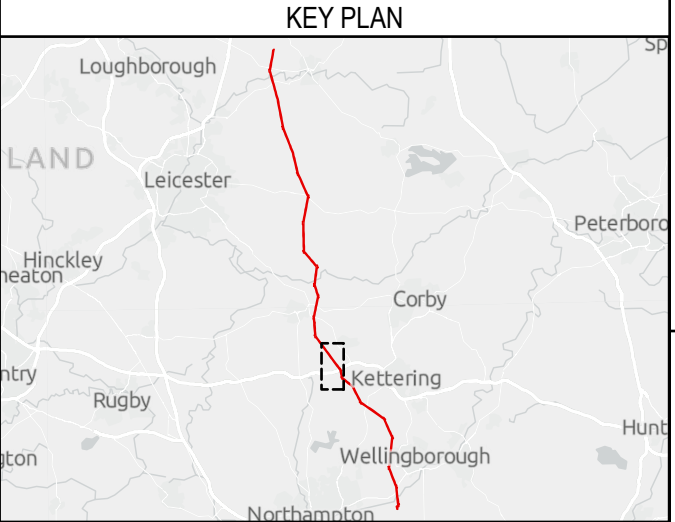
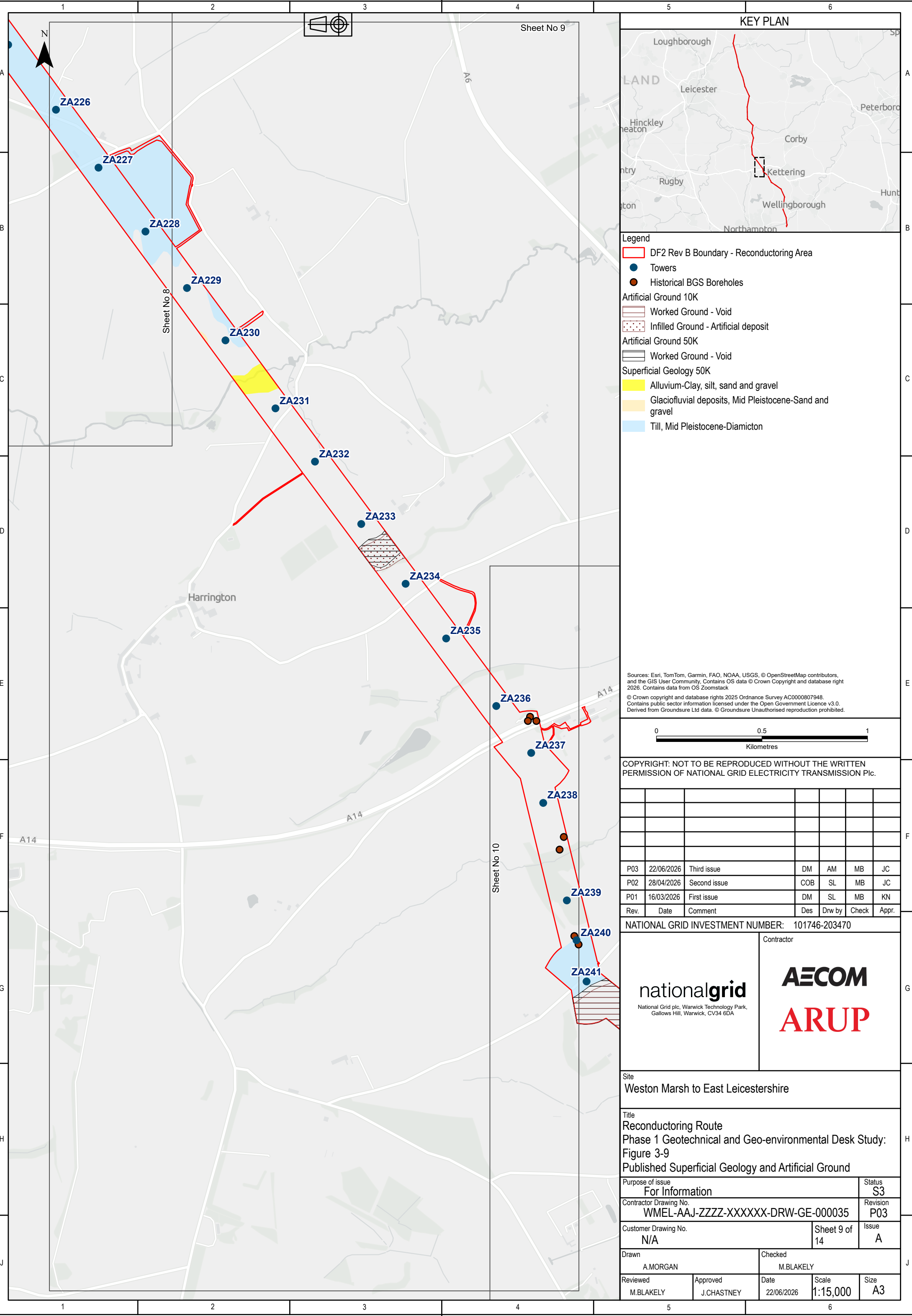
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Scale

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Size

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Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Historical BGS Boreholes

Artificial Ground 10K

- Worked Ground - Void
- Infilled Ground - Artificial deposit

Artificial Ground 50K

- Worked Ground - Void

Superficial Geology 50K

- Alluvium-Clay, silt, sand and gravel
- Glaciofluvial deposits, Mid Pleistocene-Sand and gravel
- Till, Mid Pleistocene-Diamicton

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nationalgrid

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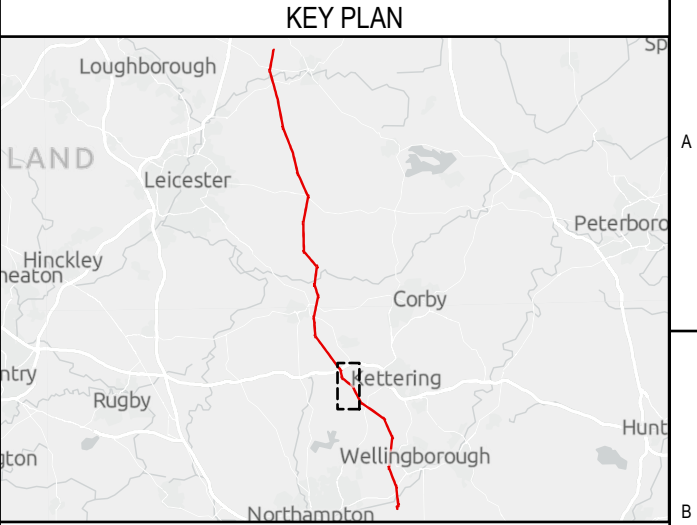
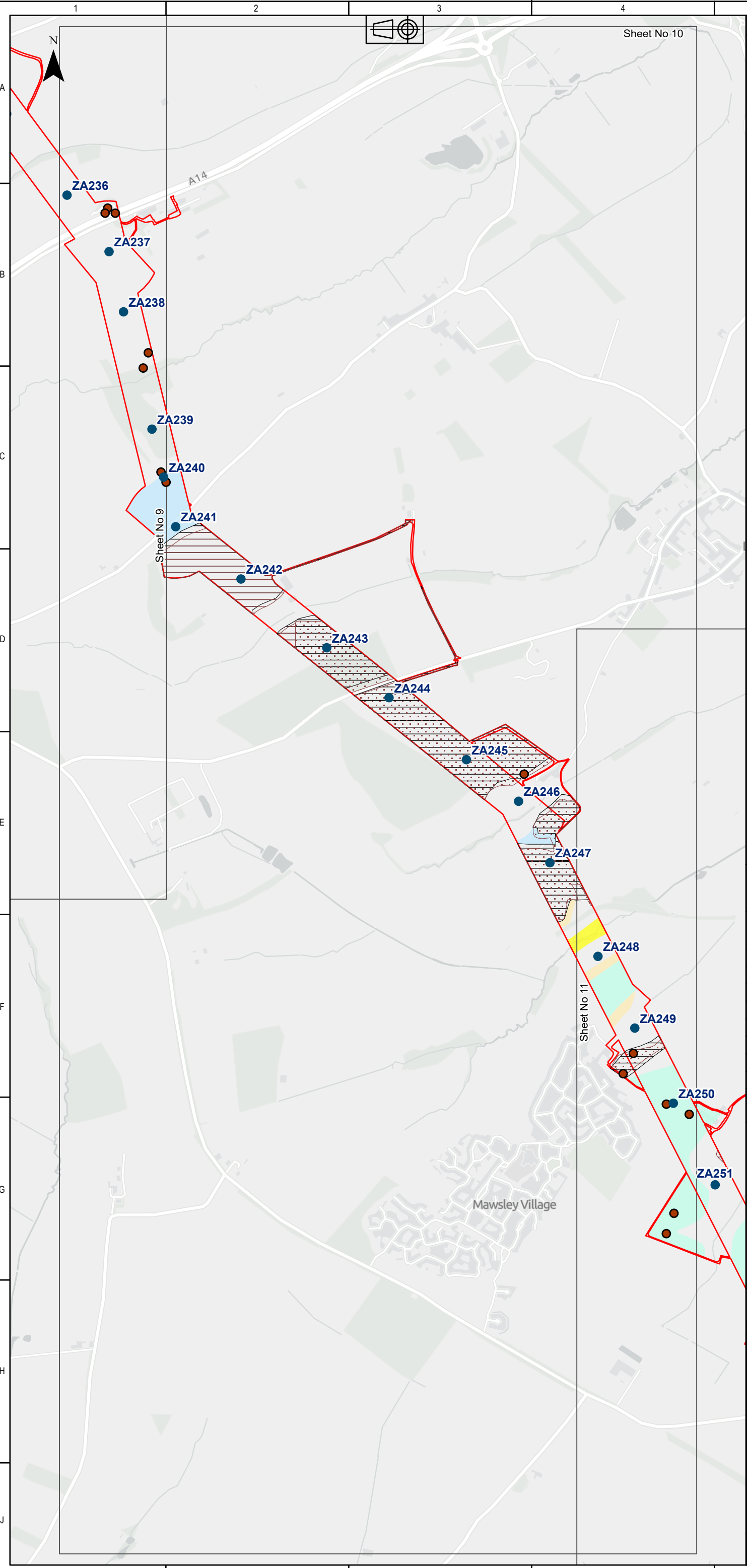
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AECOM
ARUP

Site
Weston Marsh to East Leicestershire

Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 3-9
Published Superficial Geology and Artificial Ground

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Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Historical BGS Boreholes

Artificial Ground 10K

- Worked Ground - Void
- Infilled Ground - Artificial deposit

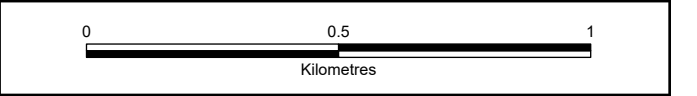
Artificial Ground 50K

- Worked Ground - Void

Superficial Geology 50K

- Alluvium-Clay, silt, sand and gravel
- Glaciofluvial deposits, Mid Pleistocene-Sand and gravel
- Oadby Till Member-Diamicton
- Till, Mid Pleistocene-Diamicton

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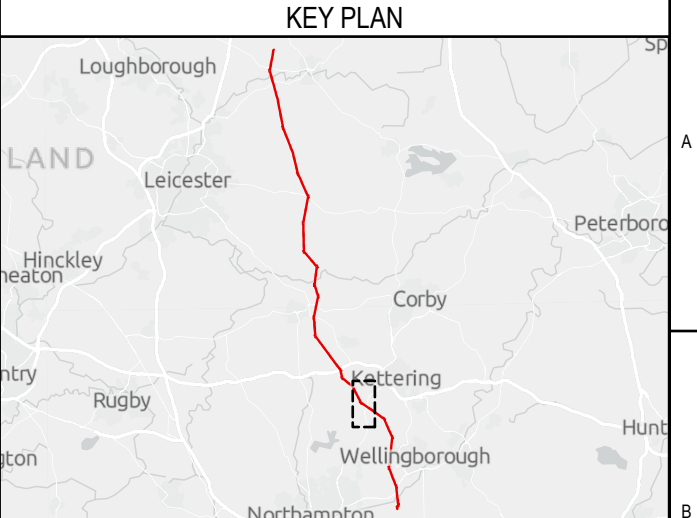
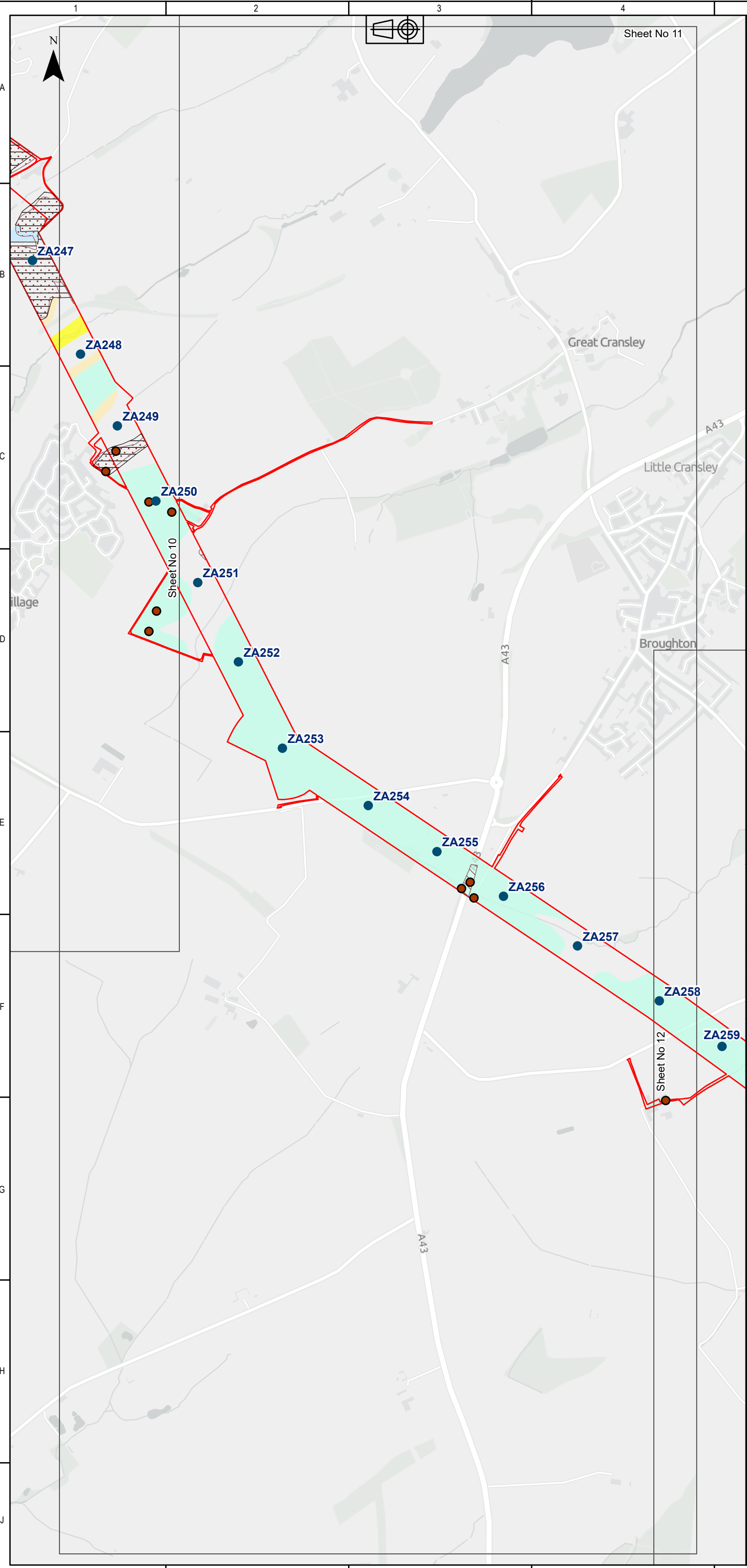
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Contractor

Site
Weston Marsh to East Leicestershire

Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 3-10
Published Superficial Geology and Artificial Ground

Purpose of issue For Information	Status S3			
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Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Historical BGS Boreholes

Artificial Ground 10K

- Made Ground - Artificial deposit
- Worked Ground - Void
- Infilled Ground - Artificial deposit

Artificial Ground 50K

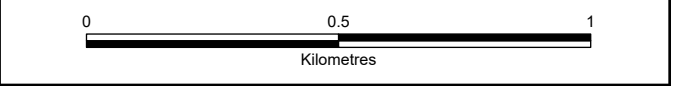
- Worked Ground - Void

Superficial Geology 50K

- Alluvium-Clay, silt, sand and gravel
- Glaciofluvial deposits, Mid Pleistocene-Sand and gravel
- Oadby Till Member-Diamicton
- Till, Mid Pleistocene-Diamicton

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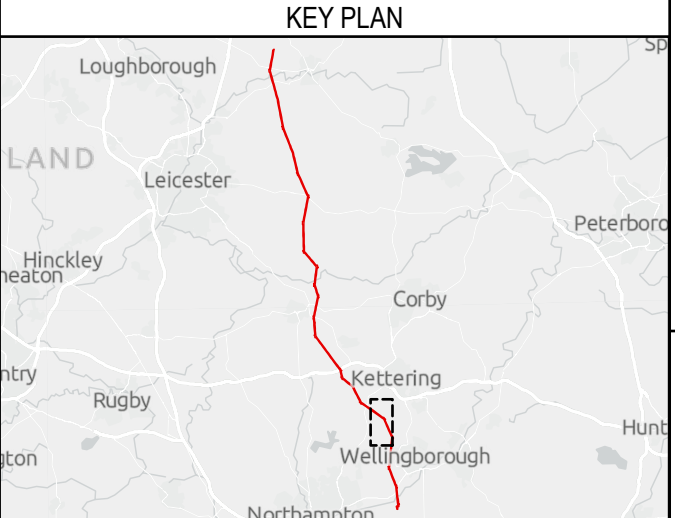
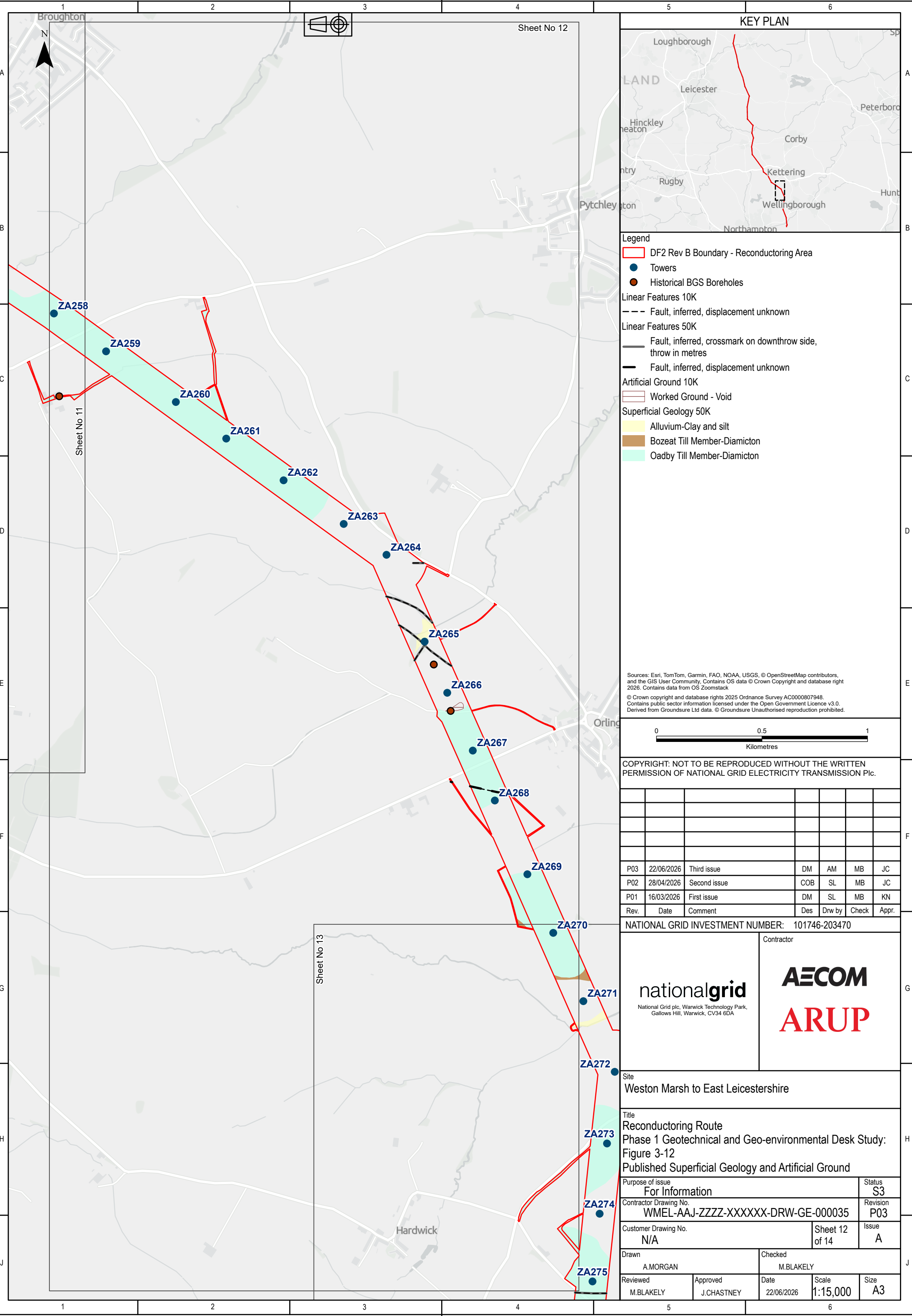
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Contractor

Site
Weston Marsh to East Leicestershire

Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 3-11
Published Superficial Geology and Artificial Ground

Purpose of issue For Information	Status S3			
Contractor Drawing No. WMEL-AAJ-ZZZZ-XXXXXX-DRW-GE-000035	Revision P03			
Customer Drawing No. N/A	Sheet 11 of 14	Issue A		
Drawn A.MORGAN	Checked M.BLAKEY			
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- Legend**
- DF2 Rev B Boundary - Reconductoring Area
 - Towers
 - Historical BGS Boreholes
- Linear Features 10K**
- Fault, inferred, displacement unknown
- Linear Features 50K**
- Fault, inferred, crossmark on downthrow side, throw in metres
 - Fault, inferred, displacement unknown
- Artificial Ground 10K**
- Worked Ground - Void
- Superficial Geology 50K**
- Alluvium-Clay and silt
 - Bozeat Till Member-Diamicton
 - Oadby Till Member-Diamicton

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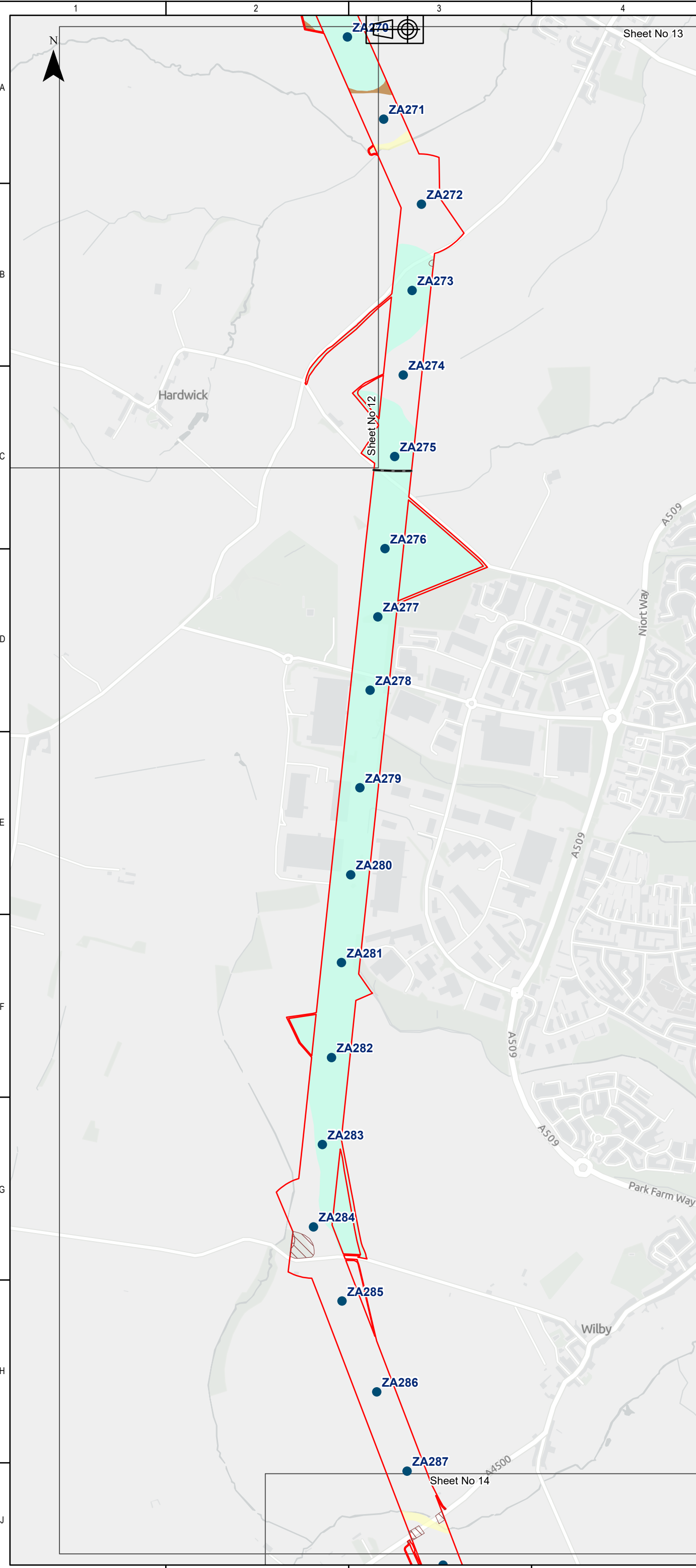
National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA.

Contractor

Site
Weston Marsh to East Leicestershire

Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 3-12
Published Superficial Geology and Artificial Ground

Purpose of issue For Information				Status S3
Contractor Drawing No. WMEL-AAJ-ZZZZ-XXXXXX-DRW-GE-000035				Revision P03
Customer Drawing No. N/A			Sheet 12 of 14	Issue A
Drawn A.MORGAN		Checked M.BLAKEY		
Reviewed M.BLAKEY	Approved J.CHASTNEY	Date 22/06/2026	Scale 1:15,000	Size A3



KEY PLAN

Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Linear Features 10K
 - Fault, inferred, displacement unknown
- Linear Features 50K
 - Fault, inferred, crossmark on downthrow side, throw in metres
- Artificial Ground 10K
 - Made Ground - Artificial deposit
 - Worked Ground - Void
 - Infilled Ground - Artificial deposit
- Superficial Geology 50K
 - Alluvium-Clay and silt
 - Bozeat Till Member-Diamicton
 - Oadby Till Member-Diamicton

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Rev.	Date	Comment	Des	Drw by	Check	Appr.

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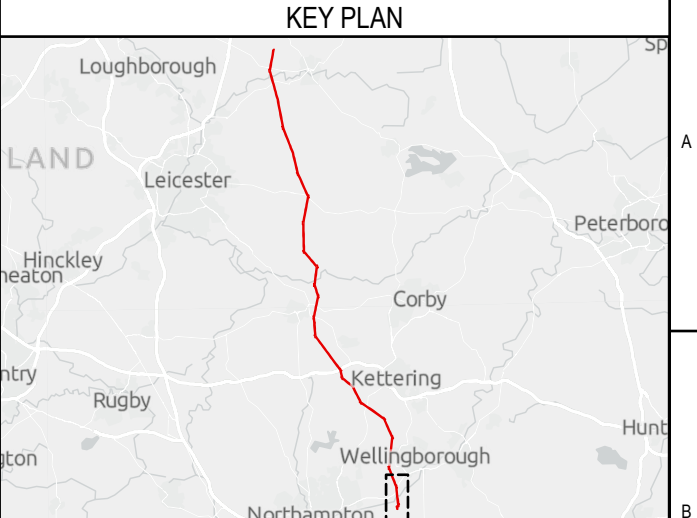
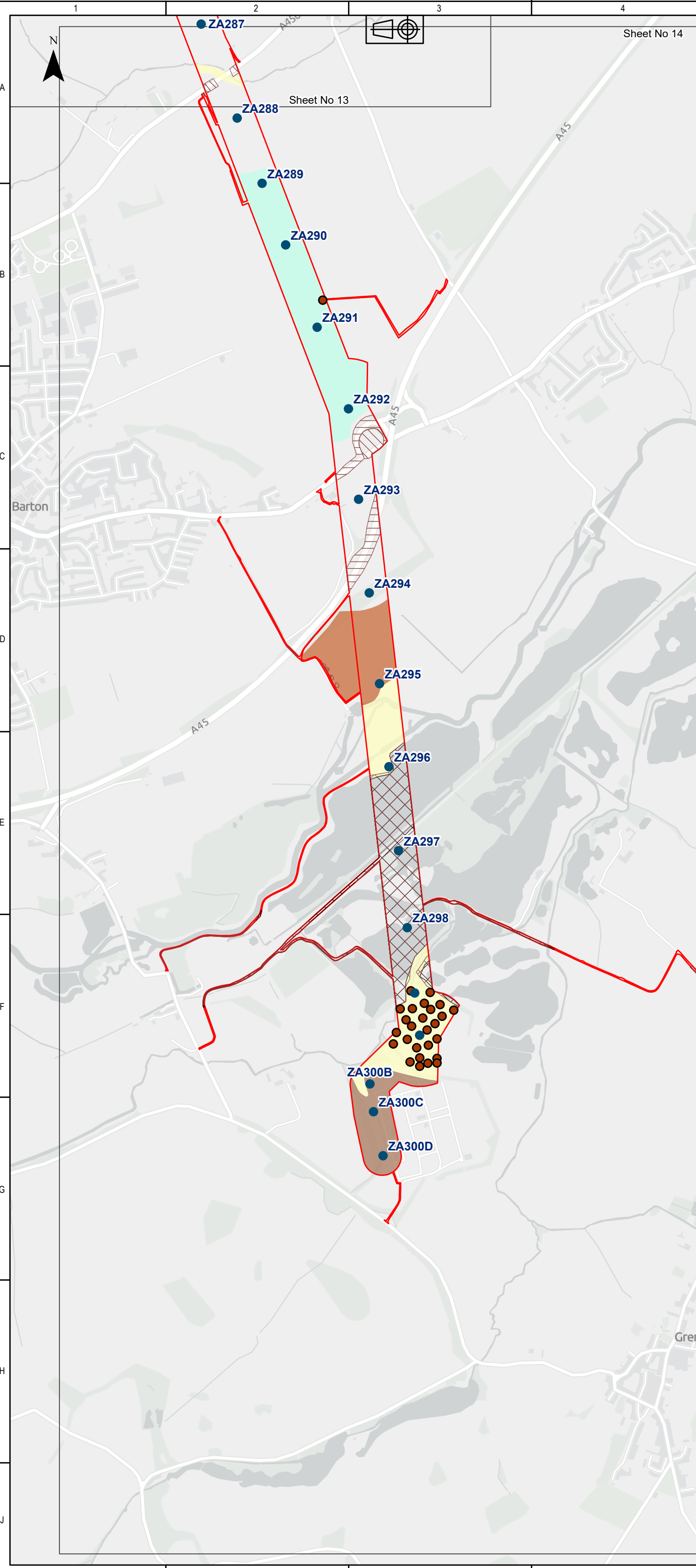
Site

Weston Marsh to East Leicestershire

Title

Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 3-13
Published Superficial Geology and Artificial Ground

Purpose of issue	Status			
For Information	S3			
Contractor Drawing No.	Revision			
WMEL-AAJ-ZZZZ-XXXXXX-DRW-GE-000035	P03			
Customer Drawing No.	Sheet 13 of 14	Issue		
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Drawn	Checked			
A.MORGAN	M.BLAKEY			
Reviewed	Approved	Date	Scale	Size
M.BLAKEY	J.CHASTNEY	22/06/2026	1:15,000	A3



Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Historical BGS Boreholes

Artificial Ground 10K

- Made Ground - Artificial deposit
- Worked Ground - Void
- Disturbed Ground - Artificially modified ground

Artificial Ground 50K

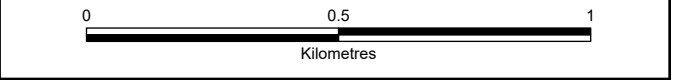
- Disturbed Ground-Artificially modified ground

Superficial Geology 50K

- Alluvium-Clay and silt
- Ecton Member-Sand and gravel
- Oadby Till Member-Diamicton
- River Terrace Deposits (Undifferentiated)-Sand and gravel

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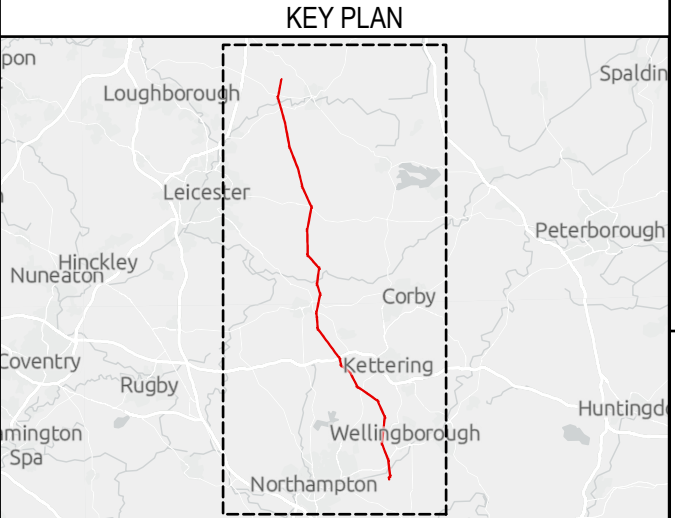
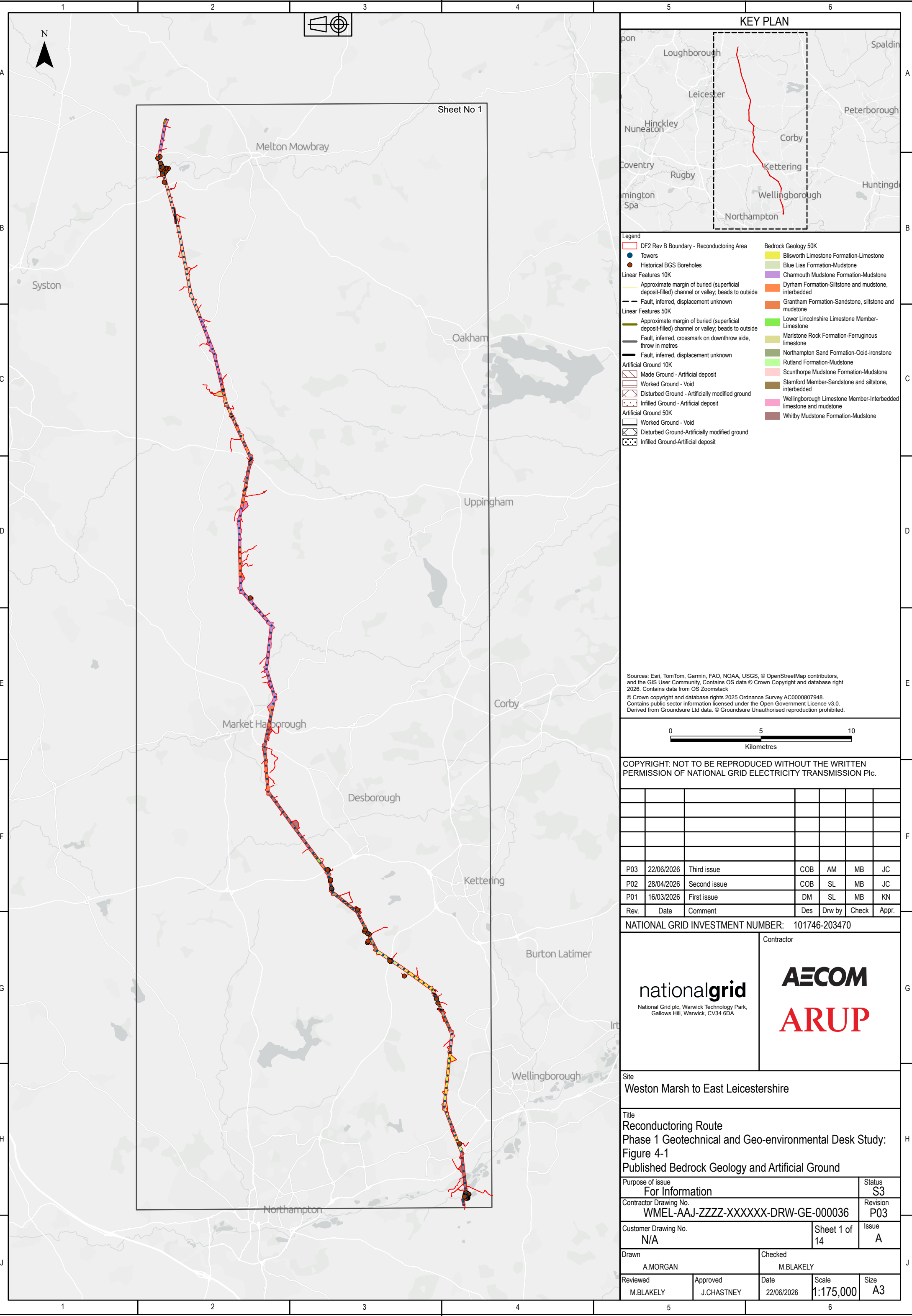
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Contractor

Site
Weston Marsh to East Leicestershire

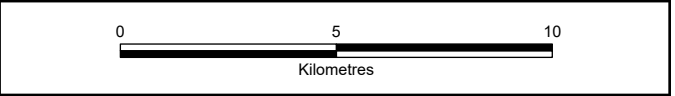
Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 3-14
Published Superficial Geology and Artificial Ground

Purpose of issue For Information	Status S3			
Contractor Drawing No. WMEL-AAJ-ZZZZ-XXXXXX-DRW-GE-000035	Revision P03			
Customer Drawing No. N/A	Sheet 14 of 14 Issue A			
Drawn A.MORGAN	Checked M.BLAKEY			
Reviewed M.BLAKEY	Approved J.CHASTNEY	Date 22/06/2026	Scale 1:15,000	Size A3



Legend	
DF2 Rev B Boundary - Reconductoring Area	Bedrock Geology 50K
Towers	Blisworth Limestone Formation-Limestone
Historical BGS Boreholes	Blue Lias Formation-Mudstone
Linear Features 10K	
Approximate margin of buried (superficial deposit-filled) channel or valley; beads to outside	Charmouth Mudstone Formation-Mudstone
Fault, inferred, displacement unknown	Dyrham Formation-Siltstone and mudstone, interbedded
Linear Features 50K	
Approximate margin of buried (superficial deposit-filled) channel or valley; beads to outside	Grantham Formation-Sandstone, siltstone and mudstone
Fault, inferred, crossmark on downthrow side, throw in metres	Lower Lincolnshire Limestone Member-Limestone
Fault, inferred, displacement unknown	Marlstone Rock Formation-Ferruginous limestone
Artificial Ground 10K	
Made Ground - Artificial deposit	Northampton Sand Formation-Ooid-ironstone
Worked Ground - Void	Rutland Formation-Mudstone
Disturbed Ground - Artificially modified ground	Scunthorpe Mudstone Formation-Mudstone
Infilled Ground - Artificial deposit	Stamford Member-Sandstone and siltstone, interbedded
Artificial Ground 50K	
Worked Ground - Void	Wellingborough Limestone Member-Interbedded limestone and mudstone
Disturbed Ground-Artificially modified ground	Whitby Mudstone Formation-Mudstone
Infilled Ground-Artificial deposit	

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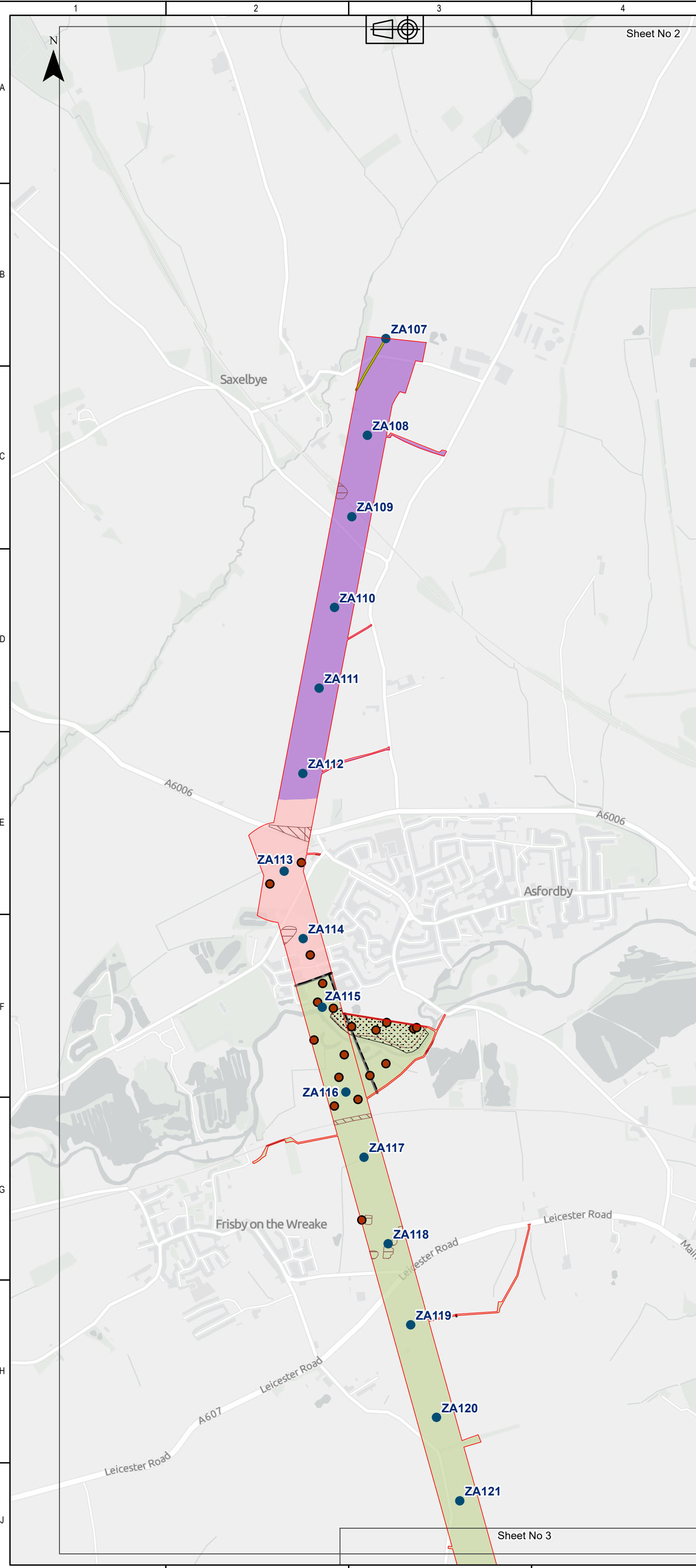
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Contractor

AECOM
ARUP

Site
Weston Marsh to East Leicestershire

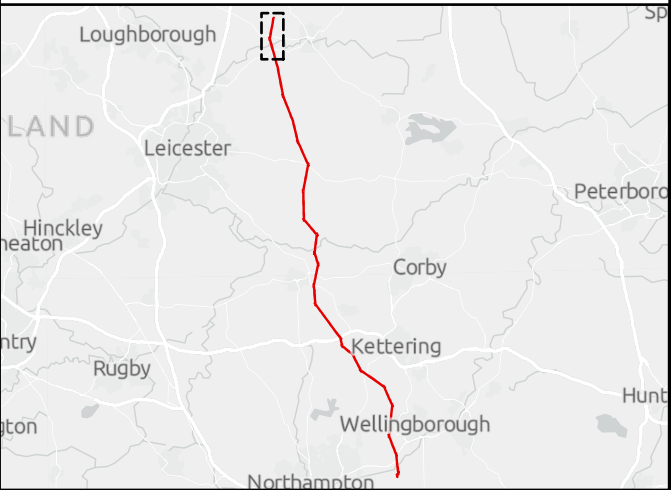
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Purpose of issue For Information					Status S3
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Customer Drawing No. N/A				Sheet 1 of 14	Issue A
Drawn A.MORGAN			Checked M.BLAKEY		
Reviewed M.BLAKEY	Approved J.CHASTNEY	Date 22/06/2026	Scale 1:175,000	Size A3	



Sheet No 2

Sheet No 3

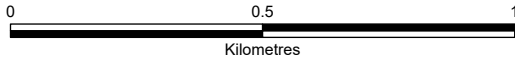
KEY PLAN



Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Historical BGS Boreholes
- Linear Features 10K
 - Approximate margin of buried (superficial deposit-filled) channel or valley; beads to outside
 - Fault, inferred, displacement unknown
- Linear Features 50K
 - Approximate margin of buried (superficial deposit-filled) channel or valley; beads to outside
 - Fault, inferred, crossmark on downthrow side, throw in metres
 - Fault, inferred, displacement unknown
- Artificial Ground 50K
 - Infilled Ground-Artificial deposit
- Artificial Ground 10K
 - Made Ground - Artificial deposit
 - Worked Ground - Void
 - Infilled Ground - Artificial deposit
- Bedrock Geology 50K
 - Blue Lias Formation-Mudstone
 - Charmouth Mudstone Formation-Mudstone
 - Scunthorpe Mudstone Formation-Mudstone

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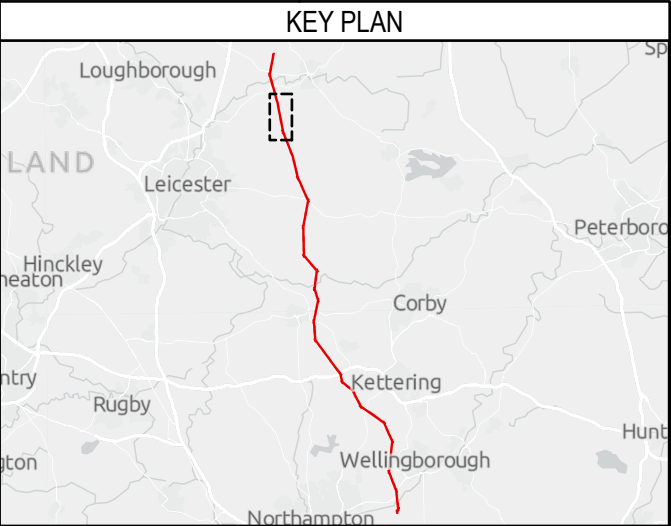
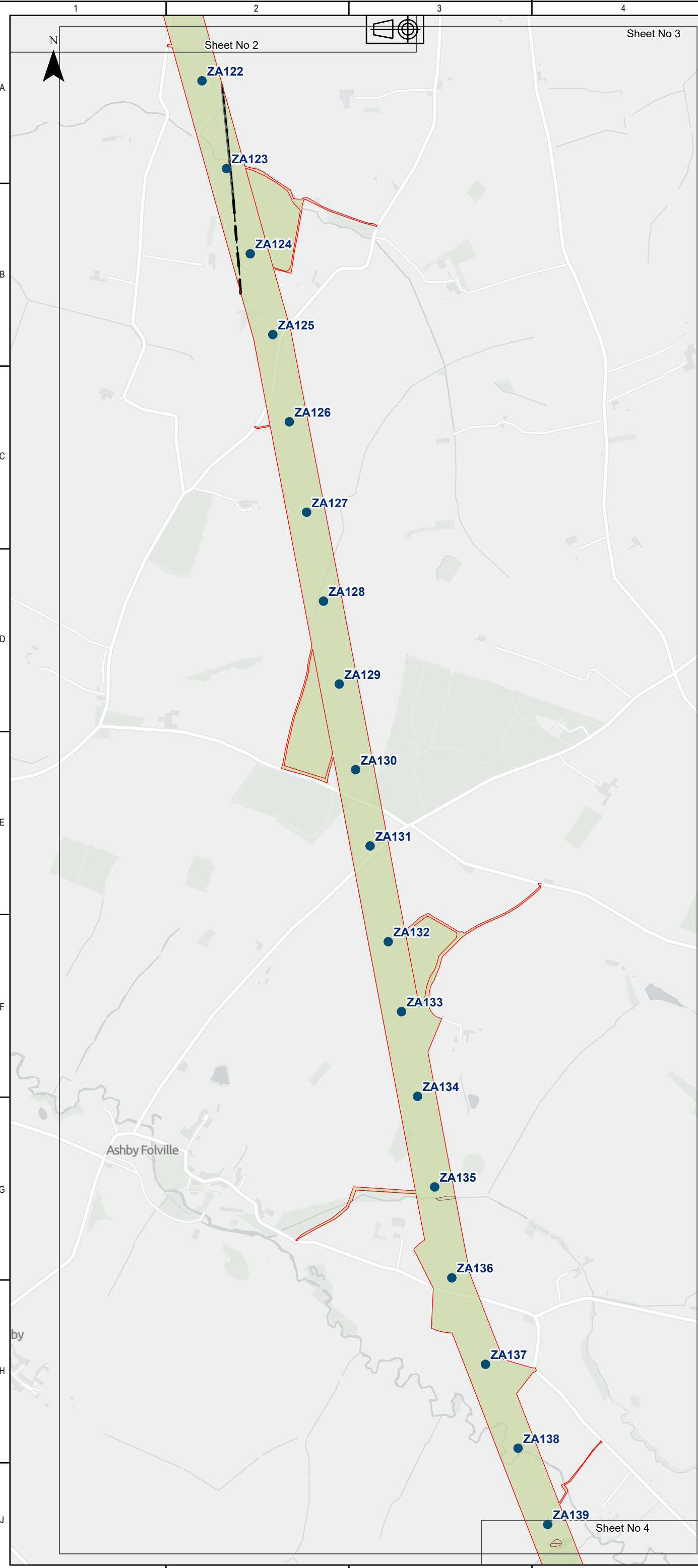
NATIONAL GRID INVESTMENT NUMBER: 101746-203470

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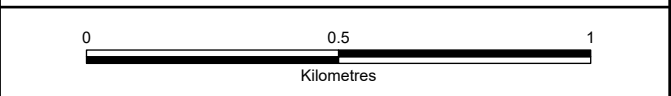
Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 4-2
Published Bedrock Geology and Artificial Ground

Purpose of issue For Information				Status S3	
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Customer Drawing No. N/A				Sheet 2 of 14	Issue A
Drawn A.MORGAN			Checked M.BLAKEY		
Reviewed M.BLAKEY	Approved J.CHASTNEY	Date 22/06/2026	Scale 1:15,000	Size A3	



- Legend
- DF2 Rev B Boundary - Reconductoring Area
 - Towers
 - Linear Features 10K
 - Fault, inferred, displacement unknown
 - Linear Features 50K
 - Fault, inferred, crossmark on downthrow side, throw in metres
 - Fault, inferred, displacement unknown
 - Artificial Ground 10K
 - Worked Ground - Void
 - Bedrock Geology 50K
 - Blue Lias Formation-Mudstone

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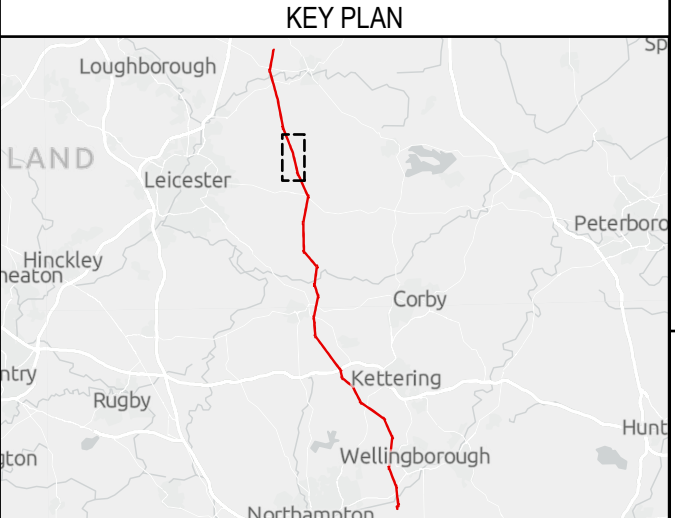
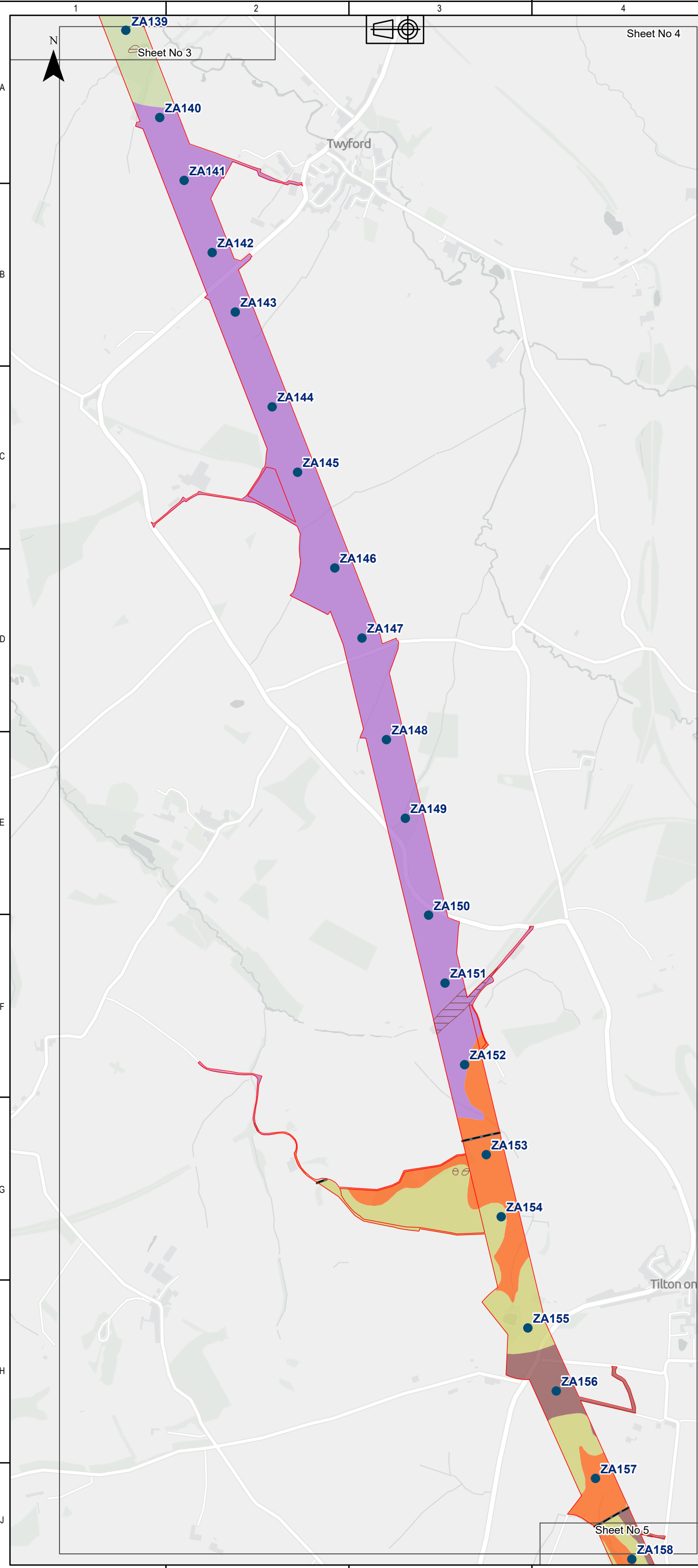
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Contractor

Site
Weston Marsh to East Leicestershire

Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 4-3
Published Bedrock Geology and Artificial Ground

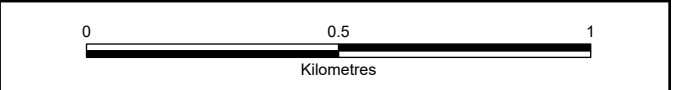
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Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Linear Features 10K
 - Fault, inferred, displacement unknown
- Linear Features 50K
 - Fault, inferred, crossmark on downthrow side, throw in metres
- Artificial Ground 10K
 - Made Ground - Artificial deposit
 - Worked Ground - Void
- Bedrock Geology 50K
 - Blue Lias Formation-Mudstone
 - Charmouth Mudstone Formation-Mudstone
 - Dyrham Formation-Siltstone and mudstone, interbedded
 - Marlstone Rock Formation-Ferruginous limestone
 - Whitby Mudstone Formation-Mudstone

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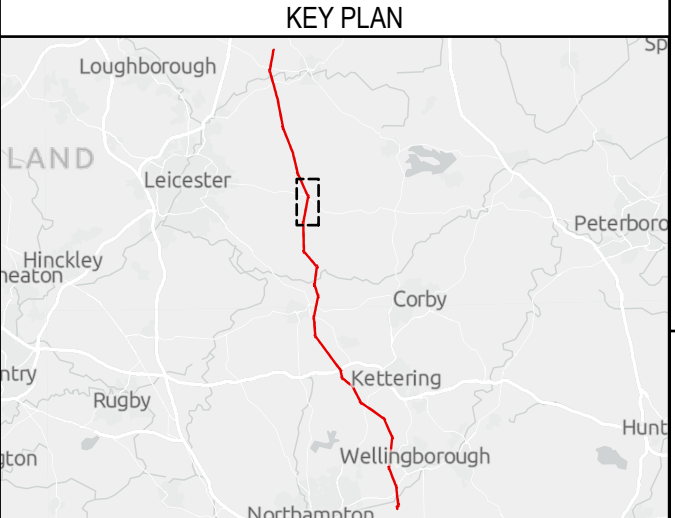
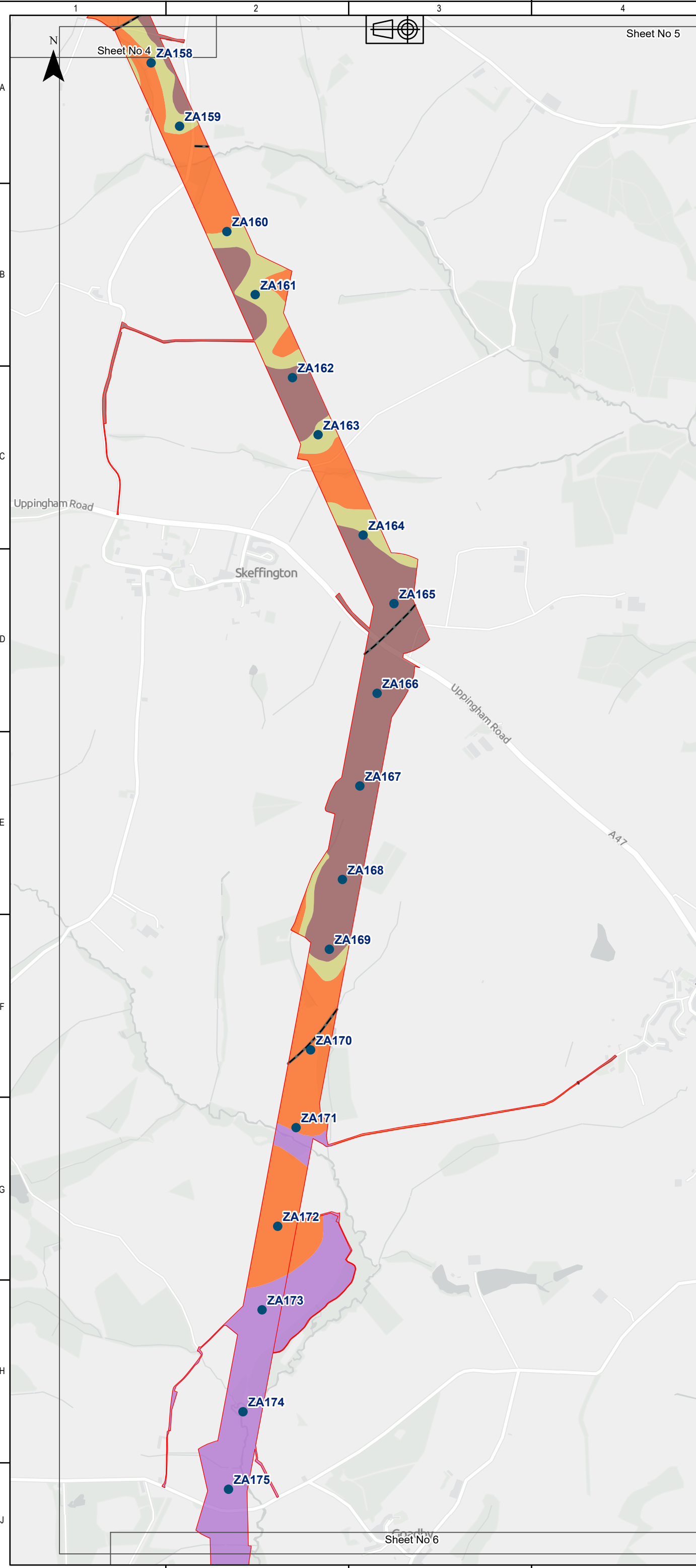
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Contractor

Site
Weston Marsh to East Leicestershire

Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 4-4
Published Bedrock Geology and Artificial Ground

Purpose of issue For Information				Status S3
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Customer Drawing No. N/A			Sheet 4 of 14	Issue A
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Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Linear Features 10K
 - Fault, inferred, displacement unknown
- Linear Features 50K
 - Fault, inferred, crossmark on downthrow side, throw in metres
- Artificial Ground 10K
 - Worked Ground - Void
- Bedrock Geology 50K
 - Charmouth Mudstone Formation-Mudstone
 - Dyrham Formation-Siltstone and mudstone, interbedded
 - Marlstone Rock Formation-Ferruginous limestone
 - Whitby Mudstone Formation-Mudstone

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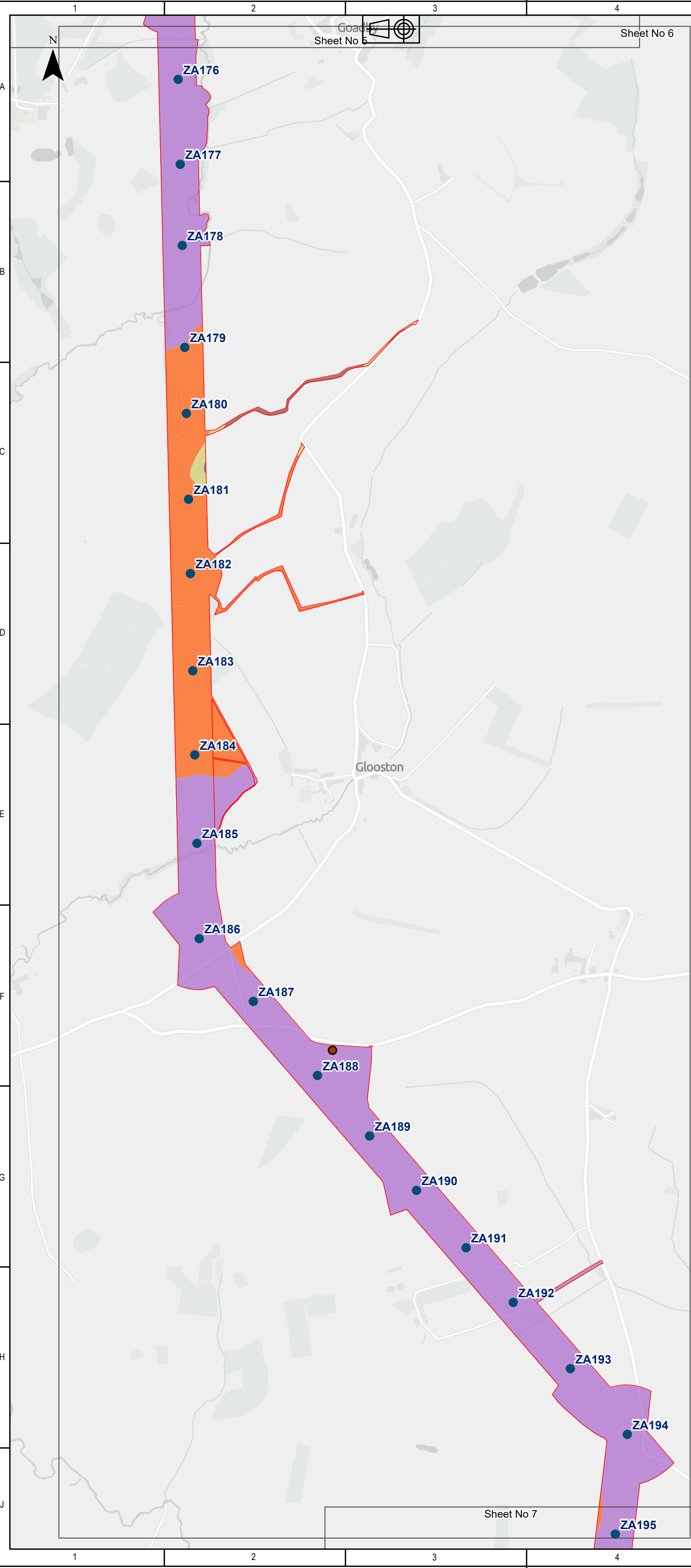
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Contractor

Site
Weston Marsh to East Leicestershire

Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 4-5
Published Bedrock Geology and Artificial Ground

Purpose of issue For Information				Status S3
Contractor Drawing No. WMEL-AAJ-ZZZZ-XXXXXX-DRW-GE-000036				Revision P03
Customer Drawing No. N/A			Sheet 5 of 14	Issue A
Drawn A.MORGAN		Checked M.BLAKEY		
Reviewed M.BLAKEY	Approved J.CHASTNEY	Date 22/06/2026	Scale 1:15,000	Size A3



KEY PLAN

Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Historical BGS Boreholes

Bedrock Geology 50K

- Charmouth Mudstone Formation-Mudstone
- Dyrham Formation-Siltstone and mudstone, interbedded
- Marlstone Rock Formation-Ferruginous limestone
- Whitby Mudstone Formation-Mudstone

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Contractor

AECOM

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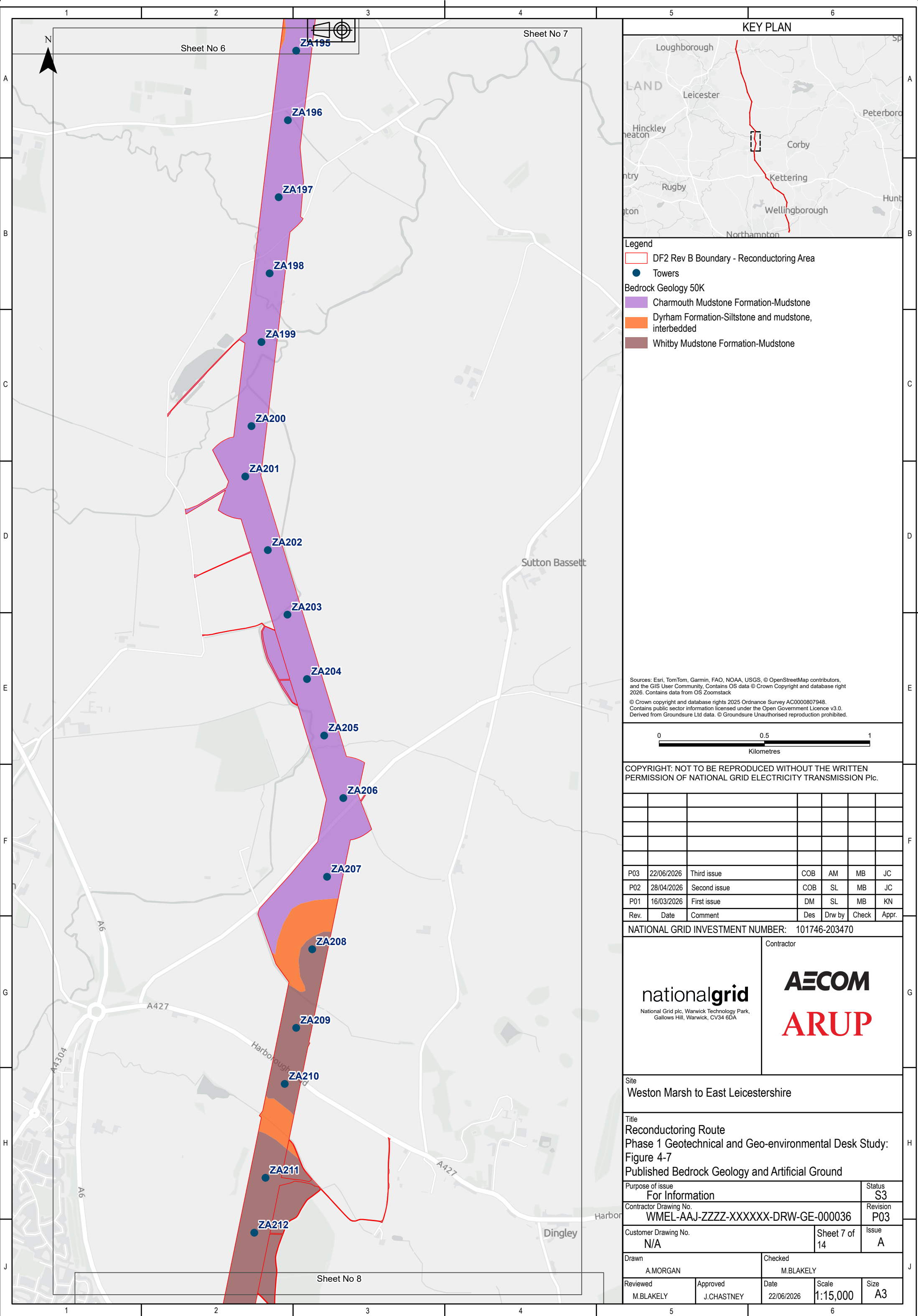
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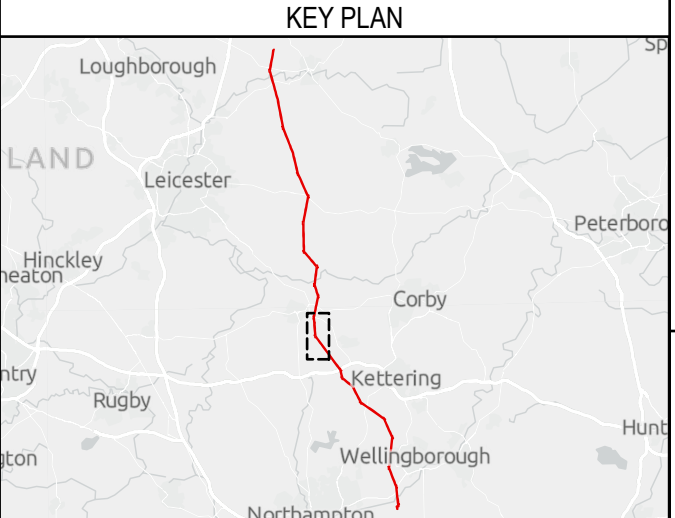
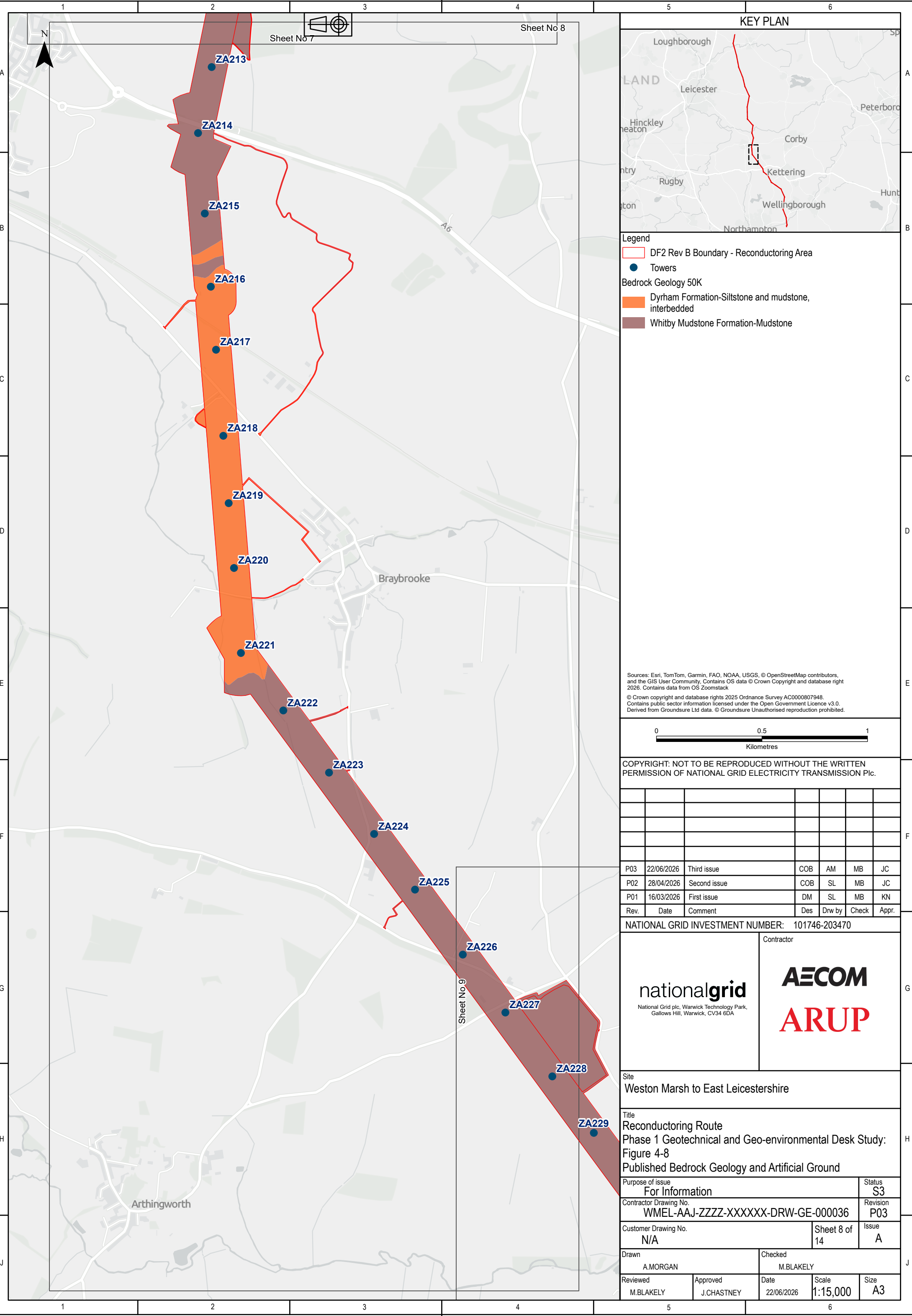
Weston Marsh to East Leicestershire

Title

Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 4-6
Published Bedrock Geology and Artificial Ground

Purpose of issue	Status
For Information	S3
Contractor Drawing No.	Revision
WMEL-AAJ-ZZZZ-XXXXXX-DRW-GE-000036	P03
Customer Drawing No.	Sheet 6 of 14
N/A	A
Drawn	Checked
A.MORGAN	M.BLAKEY
Reviewed	Approved
M.BLAKEY	J.CHASTNEY
Date	Scale
22/06/2026	1:15,000
	Size
	A3





Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers

Bedrock Geology 50K

- Dyrham Formation-Siltstone and mudstone, interbedded
- Whitby Mudstone Formation-Mudstone

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nationalgrid

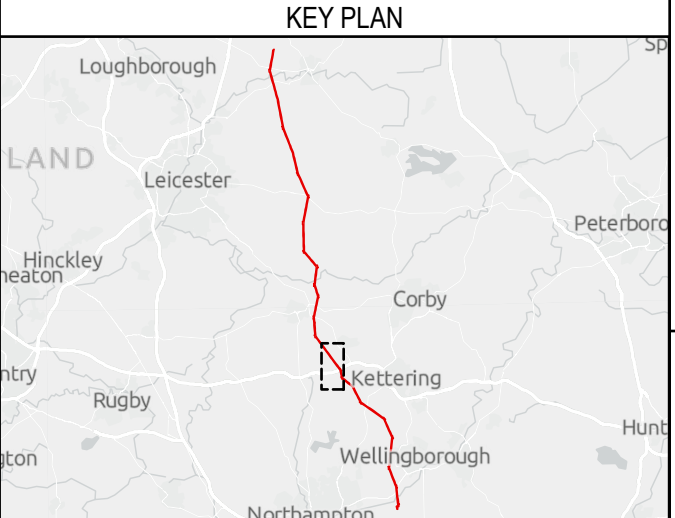
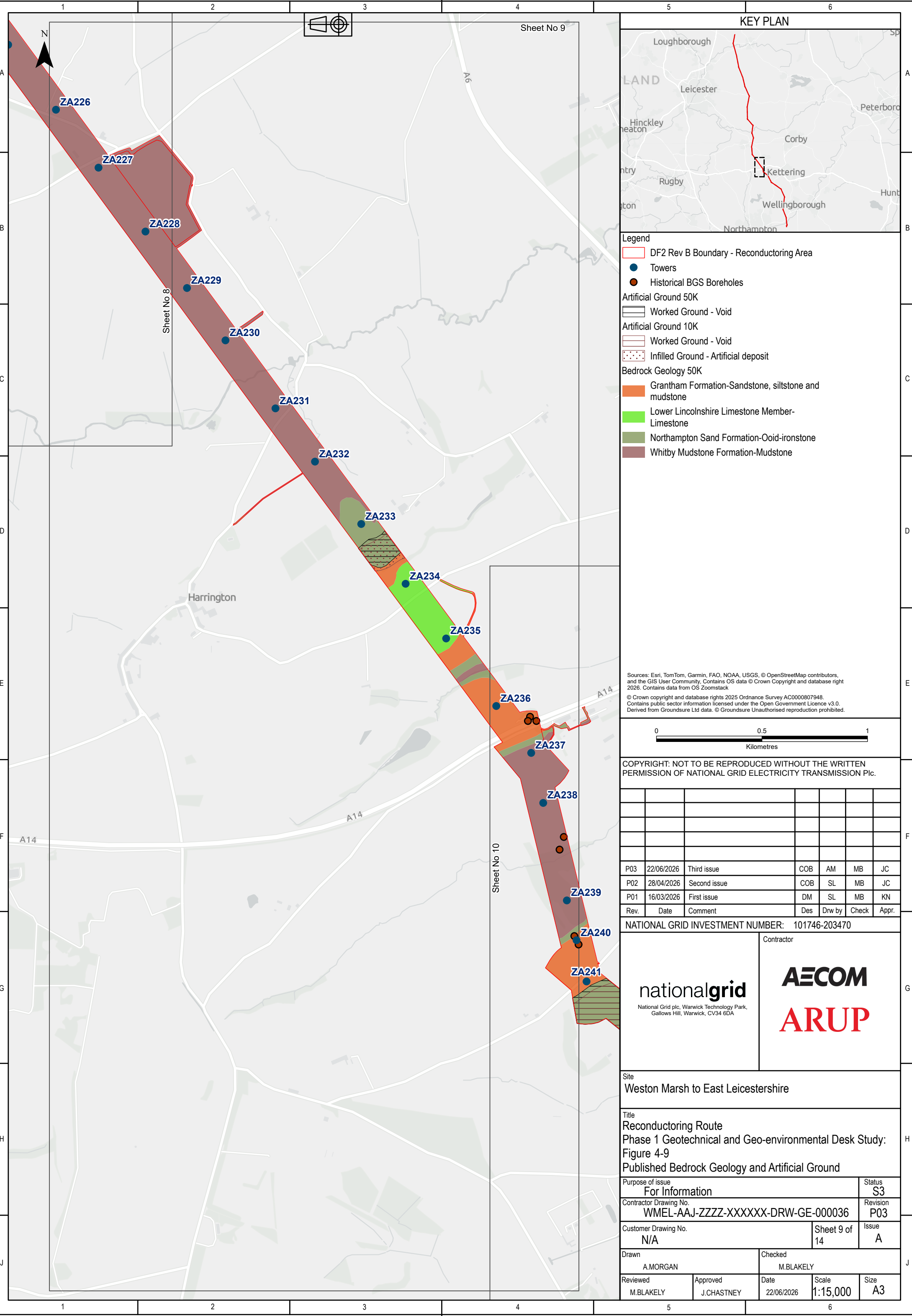
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AECOM
ARUP

Site
Weston Marsh to East Leicestershire

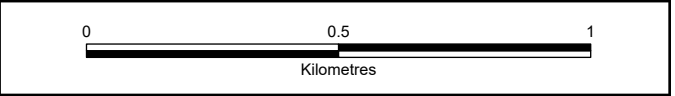
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Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 4-8
Published Bedrock Geology and Artificial Ground

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Customer Drawing No. N/A	Sheet 8 of 14	Issue A		
Drawn A.MORGAN	Checked M.BLAKEY			
Reviewed M.BLAKEY	Approved J.CHASTNEY	Date 22/06/2026	Scale 1:15,000	Size A3



- Legend**
- DF2 Rev B Boundary - Reconductoring Area
 - Towers
 - Historical BGS Boreholes
 - Artificial Ground 50K
 - Worked Ground - Void
 - Artificial Ground 10K
 - Worked Ground - Void
 - Infilled Ground - Artificial deposit
 - Bedrock Geology 50K
 - Grantham Formation-Sandstone, siltstone and mudstone
 - Lower Lincolnshire Limestone Member-Limestone
 - Northampton Sand Formation-Ooid-ironstone
 - Whitby Mudstone Formation-Mudstone

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Rev.	Date	Comment	Des	Drw by	Check	Appr.

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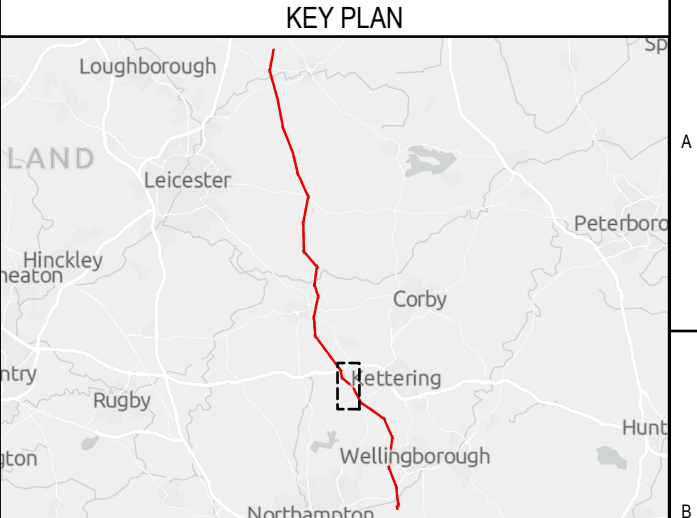
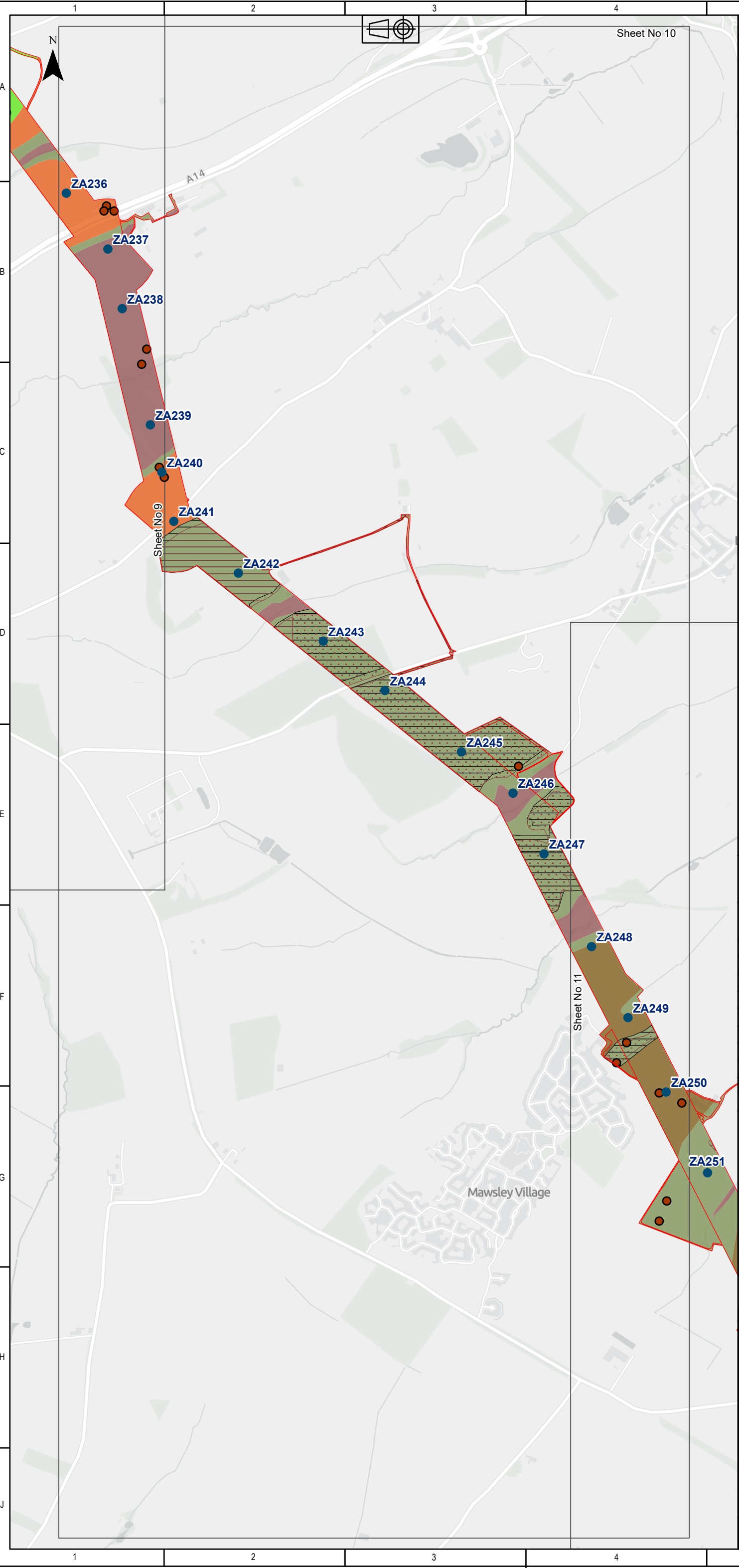
National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA.

Contractor

Site
Weston Marsh to East Leicestershire

Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 4-9
Published Bedrock Geology and Artificial Ground

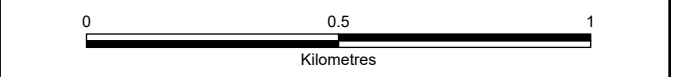
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Customer Drawing No. N/A				Sheet 9 of 14	Issue A
Drawn A.MORGAN			Checked M.BLAKEY		
Reviewed M.BLAKEY	Approved J.CHASTNEY	Date 22/06/2026	Scale 1:15,000	Size A3	



Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Historical BGS Boreholes
- Artificial Ground 50K
 - Worked Ground - Void
- Artificial Ground 10K
 - Worked Ground - Void
 - Infilled Ground - Artificial deposit
- Bedrock Geology 50K
 - Grantham Formation-Sandstone, siltstone and mudstone
 - Lower Lincolnshire Limestone Member-Limestone
 - Northampton Sand Formation-Ooid-ironstone
 - Stamford Member-Sandstone and siltstone, interbedded
 - Whitby Mudstone Formation-Mudstone

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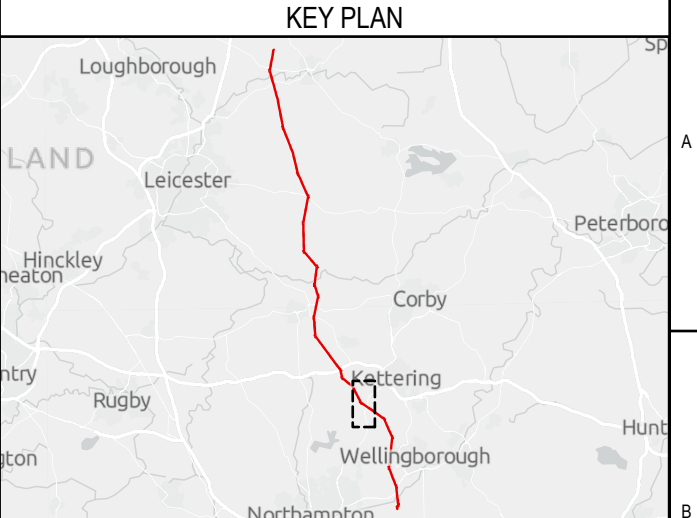
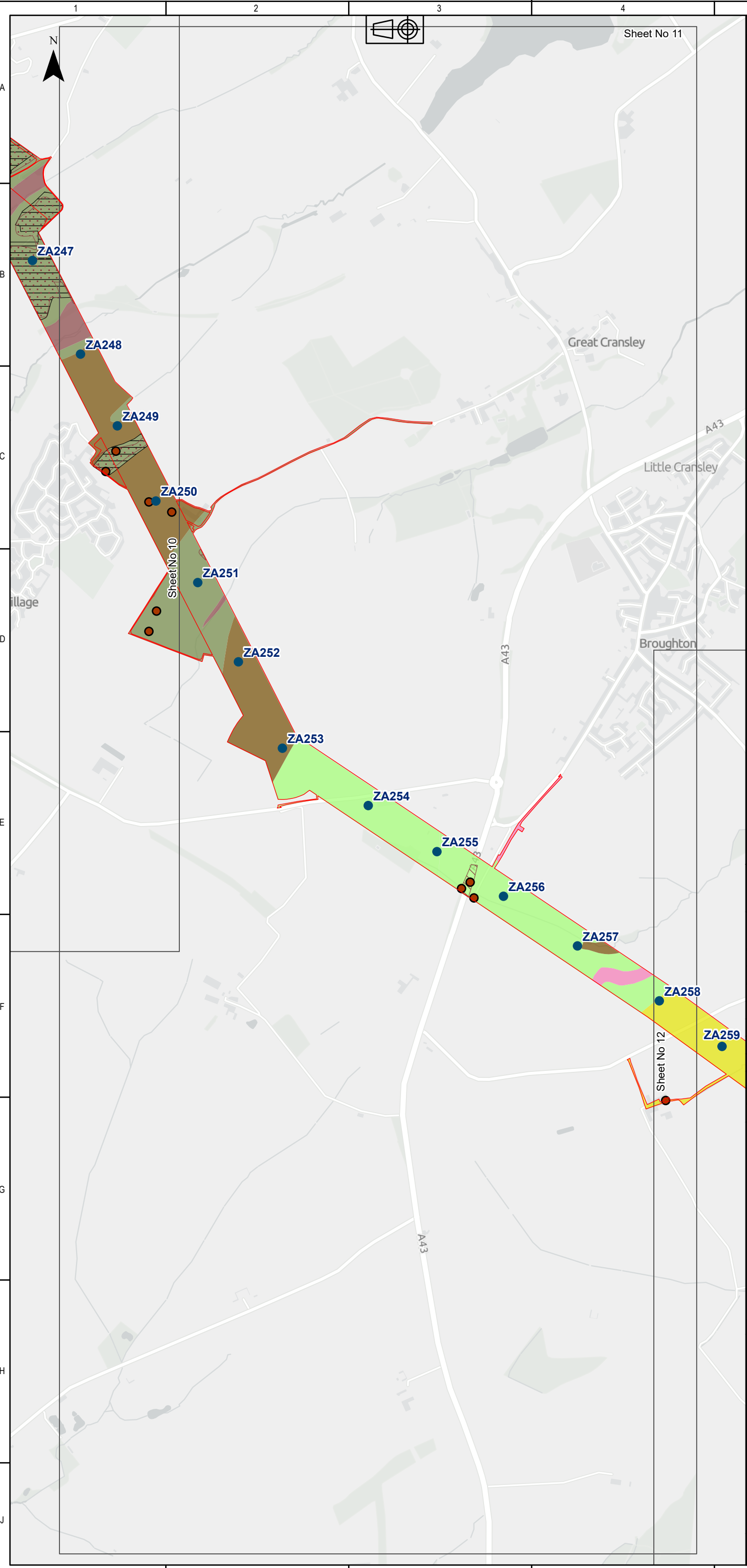
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Contractor

Site
Weston Marsh to East Leicestershire

Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 4-10
Published Bedrock Geology and Artificial Ground

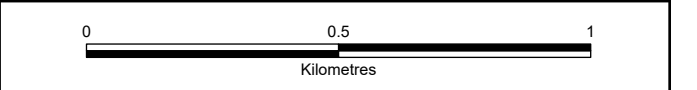
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- Legend
- DF2 Rev B Boundary - Reconductoring Area
 - Towers
 - Historical BGS Boreholes
 - Artificial Ground 50K
 - Worked Ground - Void
 - Artificial Ground 10K
 - Made Ground - Artificial deposit
 - Worked Ground - Void
 - Infilled Ground - Artificial deposit
 - Bedrock Geology 50K
 - Blisworth Limestone Formation-Limestone
 - Northampton Sand Formation-Ooid-ironstone
 - Rutland Formation-Mudstone
 - Stamford Member-Sandstone and siltstone, interbedded
 - Wellingborough Limestone Member-Interbedded limestone and mudstone
 - Whitby Mudstone Formation-Mudstone

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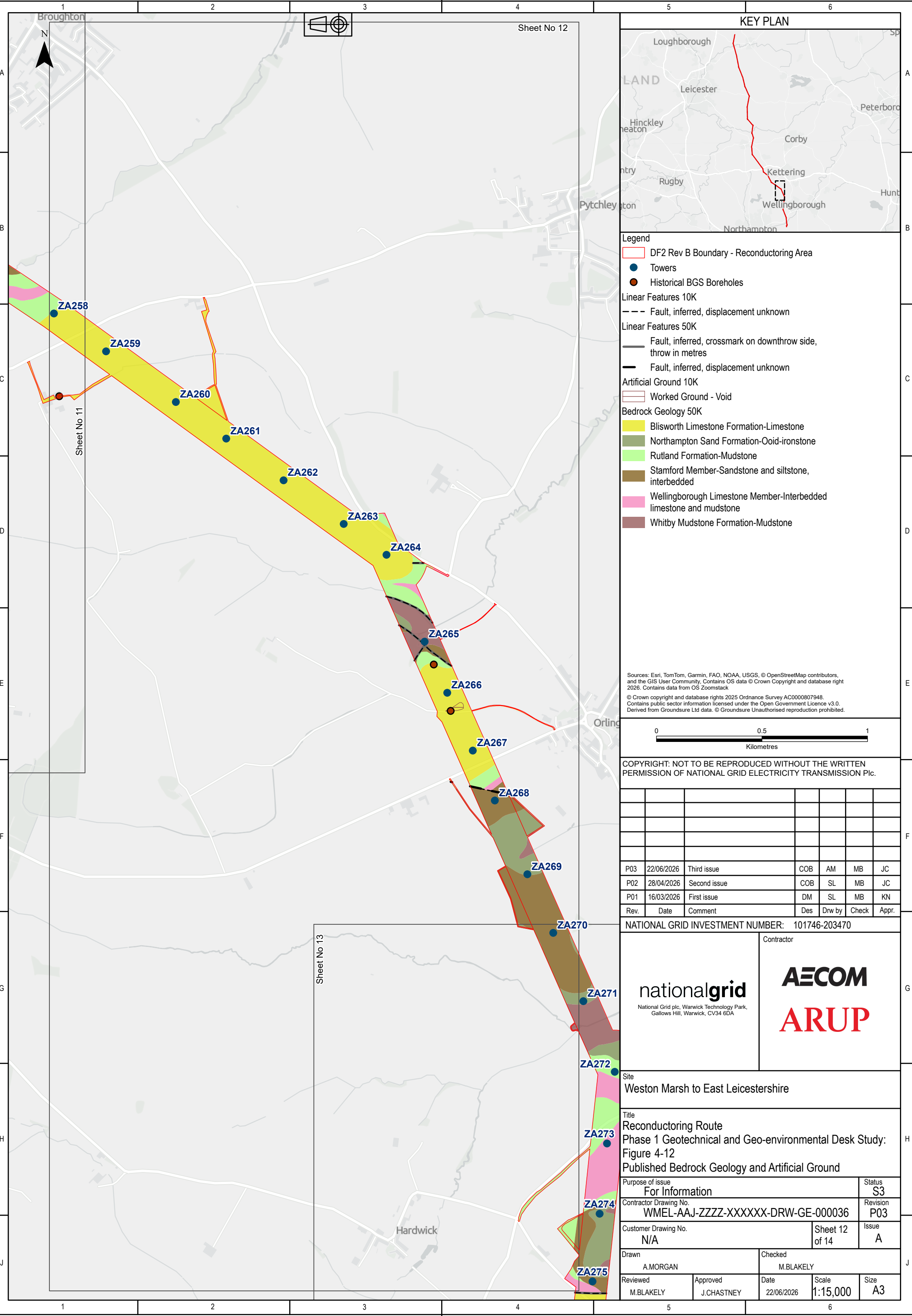
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Contractor

Site
Weston Marsh to East Leicestershire

Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 4-11
Published Bedrock Geology and Artificial Ground

Purpose of issue For Information				Status S3
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Customer Drawing No. N/A			Sheet 11 of 14	Issue A
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Sheet No 12

Sheet No 11

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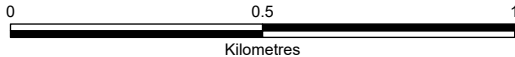
KEY PLAN



Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Historical BGS Boreholes
- Linear Features 10K
 - Fault, inferred, displacement unknown
- Linear Features 50K
 - Fault, inferred, crossmark on downthrow side, throw in metres
 - Fault, inferred, displacement unknown
- Artificial Ground 10K
 - Worked Ground - Void
- Bedrock Geology 50K
 - Blisworth Limestone Formation-Limestone
 - Northampton Sand Formation-Ooid-ironstone
 - Rutland Formation-Mudstone
 - Stamford Member-Sandstone and siltstone, interbedded
 - Wellbeingborough Limestone Member-Interbedded limestone and mudstone
 - Whitby Mudstone Formation-Mudstone

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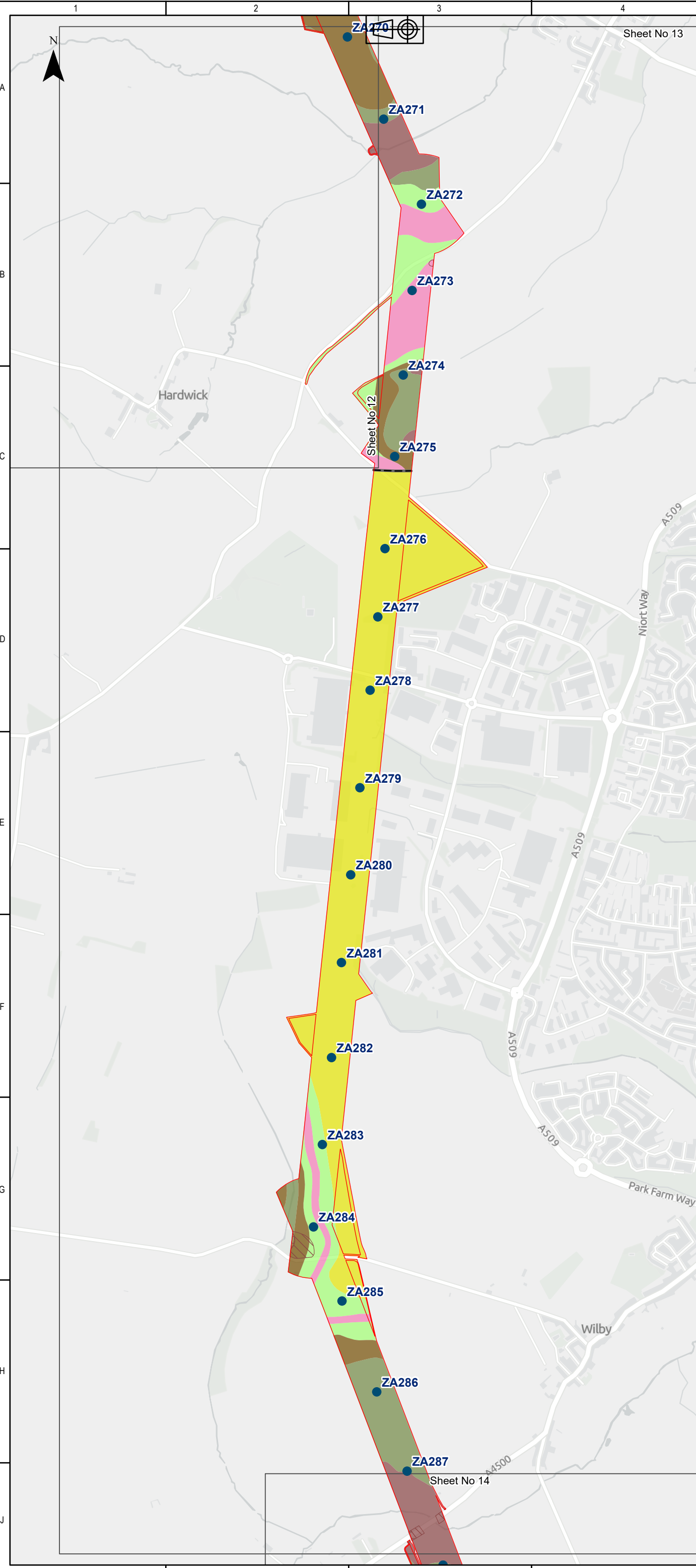


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nationalgrid National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA. Contractor AECOM ARUP	
Site Weston Marsh to East Leicestershire	
Title Reconductoring Route Phase 1 Geotechnical and Geo-environmental Desk Study: Figure 4-12 Published Bedrock Geology and Artificial Ground	
Purpose of issue For Information	Status S3
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Reviewed M.BLAKEY	Approved J.CHASTNEY
Date 22/06/2026	Scale 1:15,000
Size A3	



KEY PLAN

Legend

DF2 Rev B Boundary - Reconductoring Area

Towers

Linear Features 10K

--- Fault, inferred, displacement unknown

Linear Features 50K

— Fault, inferred, crossmark on downthrow side, throw in metres

Artificial Ground 10K

Made Ground - Artificial deposit

Worked Ground - Void

Infilled Ground - Artificial deposit

Bedrock Geology 50K

Blisworth Limestone Formation-Limestone

Northampton Sand Formation-Ooid-ironstone

Rutland Formation-Mudstone

Stamford Member-Sandstone and siltstone, interbedded

Wellingborough Limestone Member-Interbedded limestone and mudstone

Whitby Mudstone Formation-Mudstone

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National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA.

Contractor

AECOM

ARUP

Site

Weston Marsh to East Leicestershire

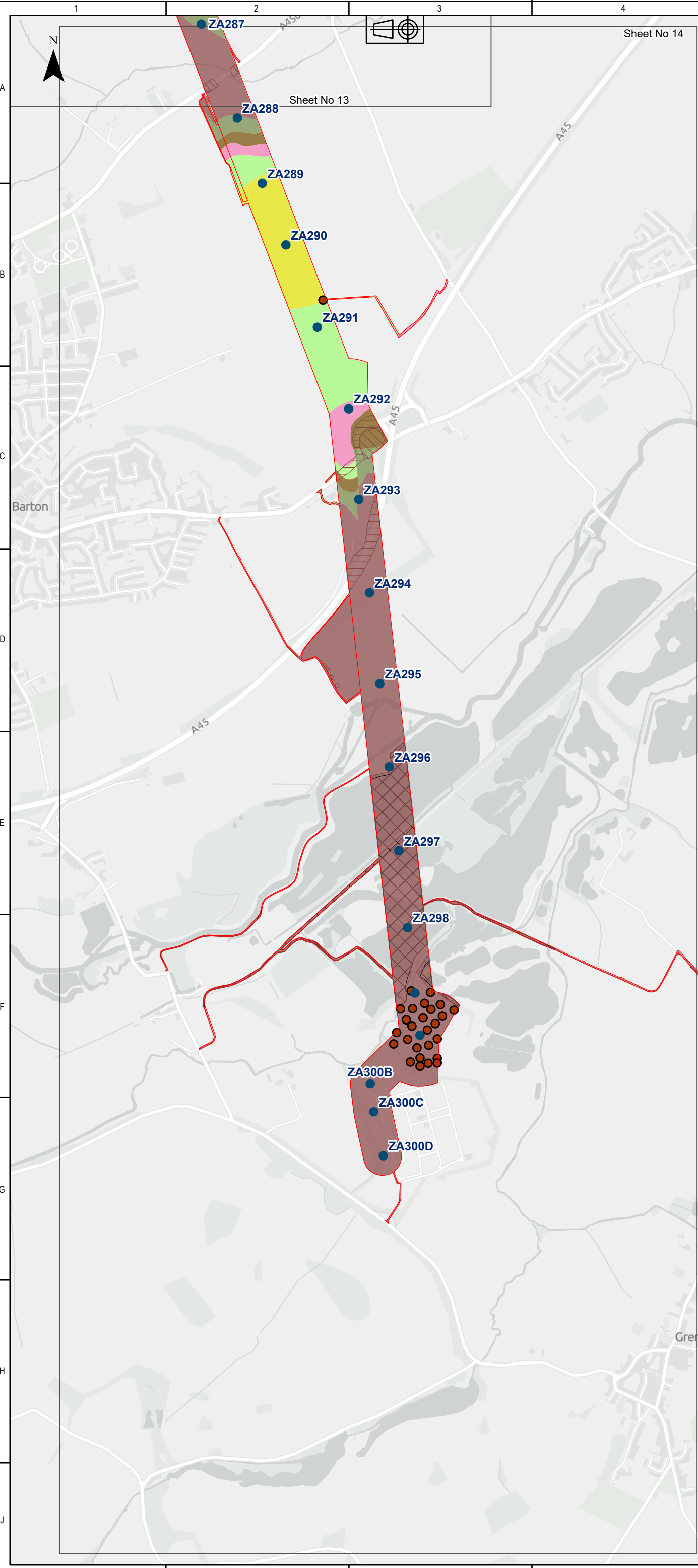
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Reconductoring Route

Phase 1 Geotechnical and Geo-environmental Desk Study: Figure 4-13

Published Bedrock Geology and Artificial Ground

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Reviewed	Approved
M.BLAKEY	J.CHASTNEY
Date	Scale
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KEY PLAN

Legend

DF2 Rev B Boundary - Reconductoring Area

Towers

Historical BGS Boreholes

Artificial Ground 50K

Disturbed Ground-Artificially modified ground

Artificial Ground 10K

Made Ground - Artificial deposit

Worked Ground - Void

Disturbed Ground - Artificially modified ground

Bedrock Geology 50K

Blisworth Limestone Formation-Limestone

Northampton Sand Formation-Ooid-ironstone

Rutland Formation-Mudstone

Stamford Member-Sandstone and siltstone, interbedded

Wellingborough Limestone Member-Interbedded limestone and mudstone

Whitby Mudstone Formation-Mudstone

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nationalgrid

National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA.

Contractor

AECOM

ARUP

Site

Weston Marsh to East Leicestershire

Title

Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 4-14
Published Bedrock Geology and Artificial Ground

Purpose of issue

For Information

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Revision

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Drawn

A.MORGAN

Checked

M.BLAKEY

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M.BLAKEY

Approved

J.CHASTNEY

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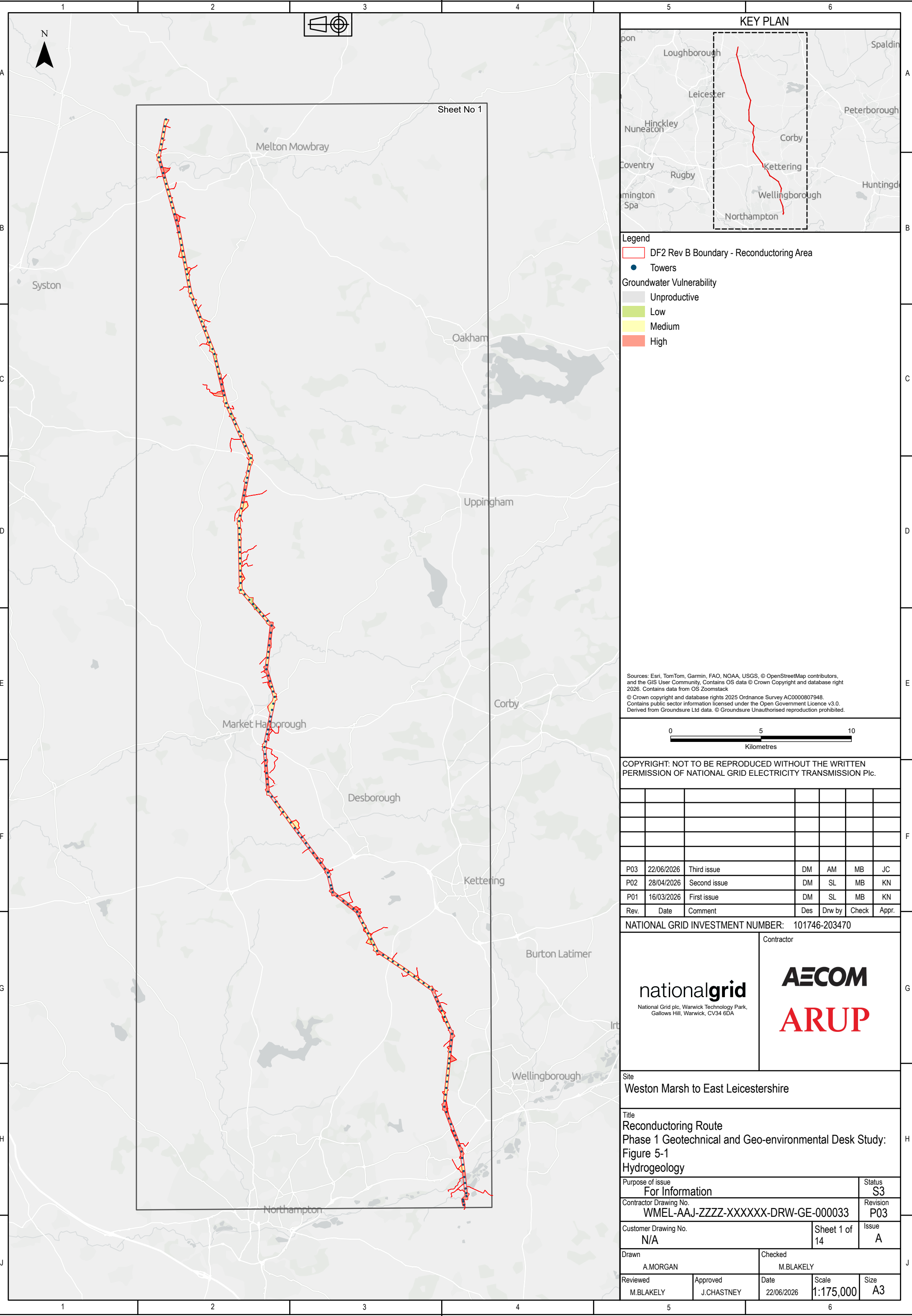
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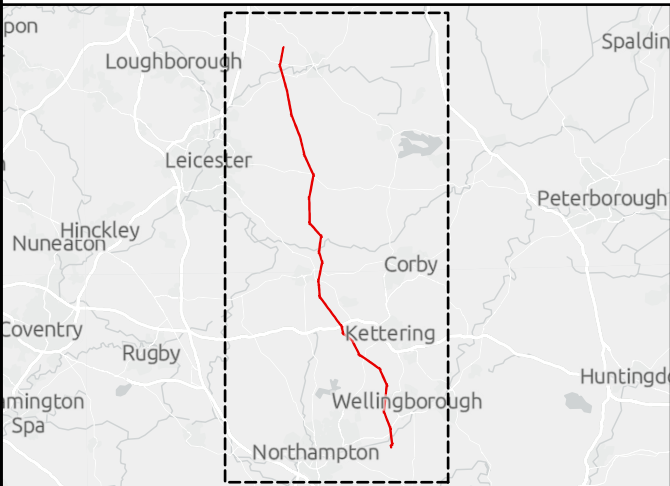
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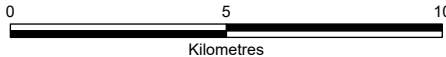
KEY PLAN



Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Groundwater Vulnerability
 - Unproductive
 - Low
 - Medium
 - High

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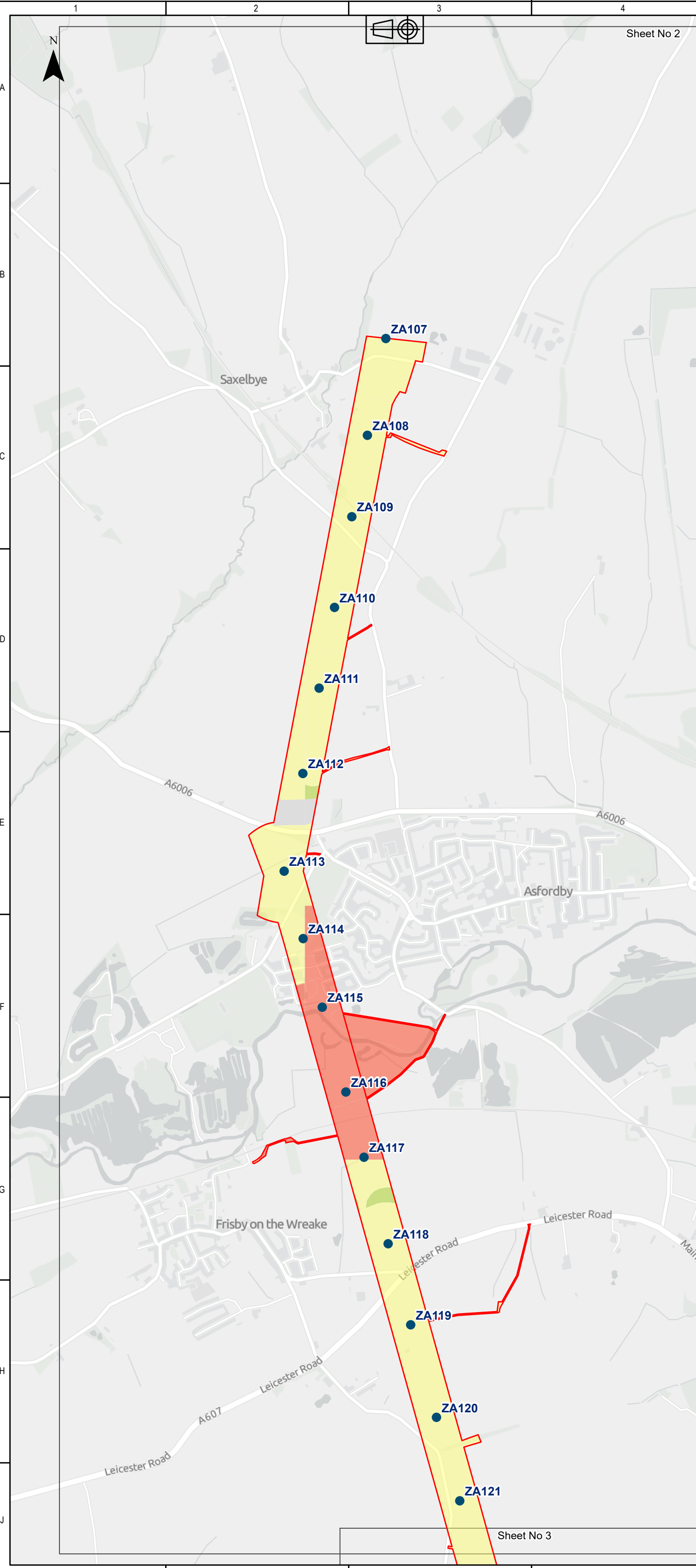
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Site
Weston Marsh to East Leicestershire

Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 5-1
Hydrogeology

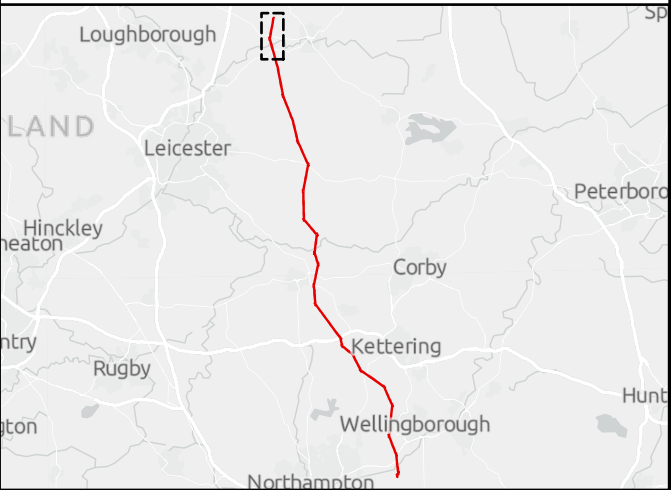
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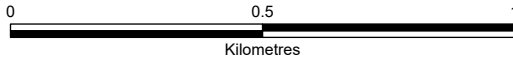
KEY PLAN



Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Groundwater Vulnerability
 - Unproductive
 - Low
 - Medium
 - High

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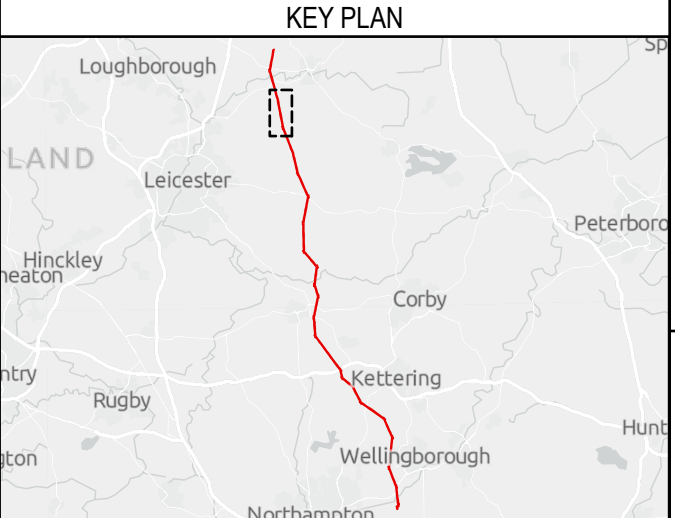
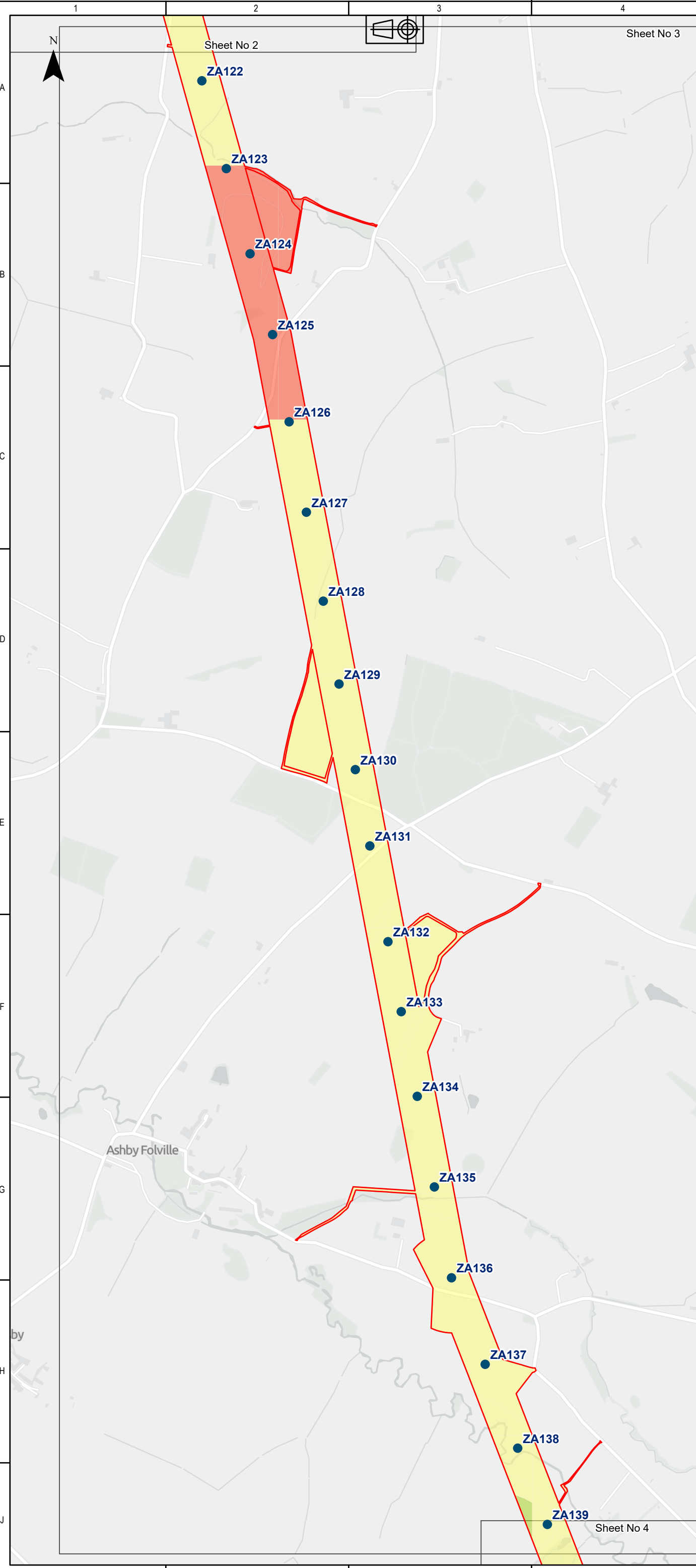
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Site
Weston Marsh to East Leicestershire

Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 5-2
Hydrogeology

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Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Groundwater Vulnerability
 - Low
 - Medium
 - High

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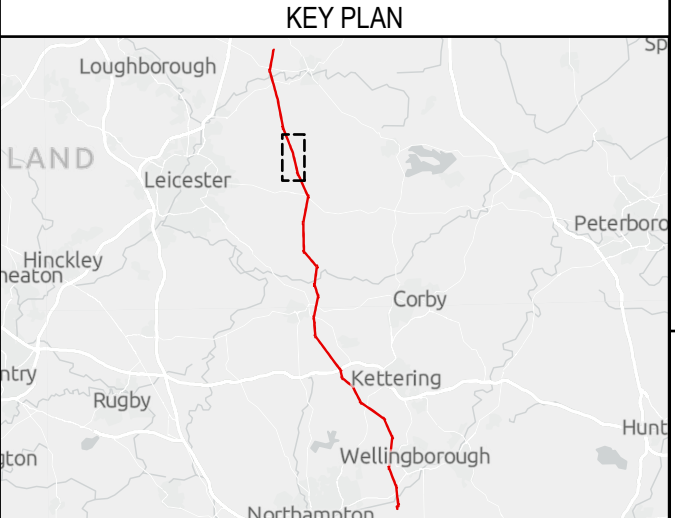
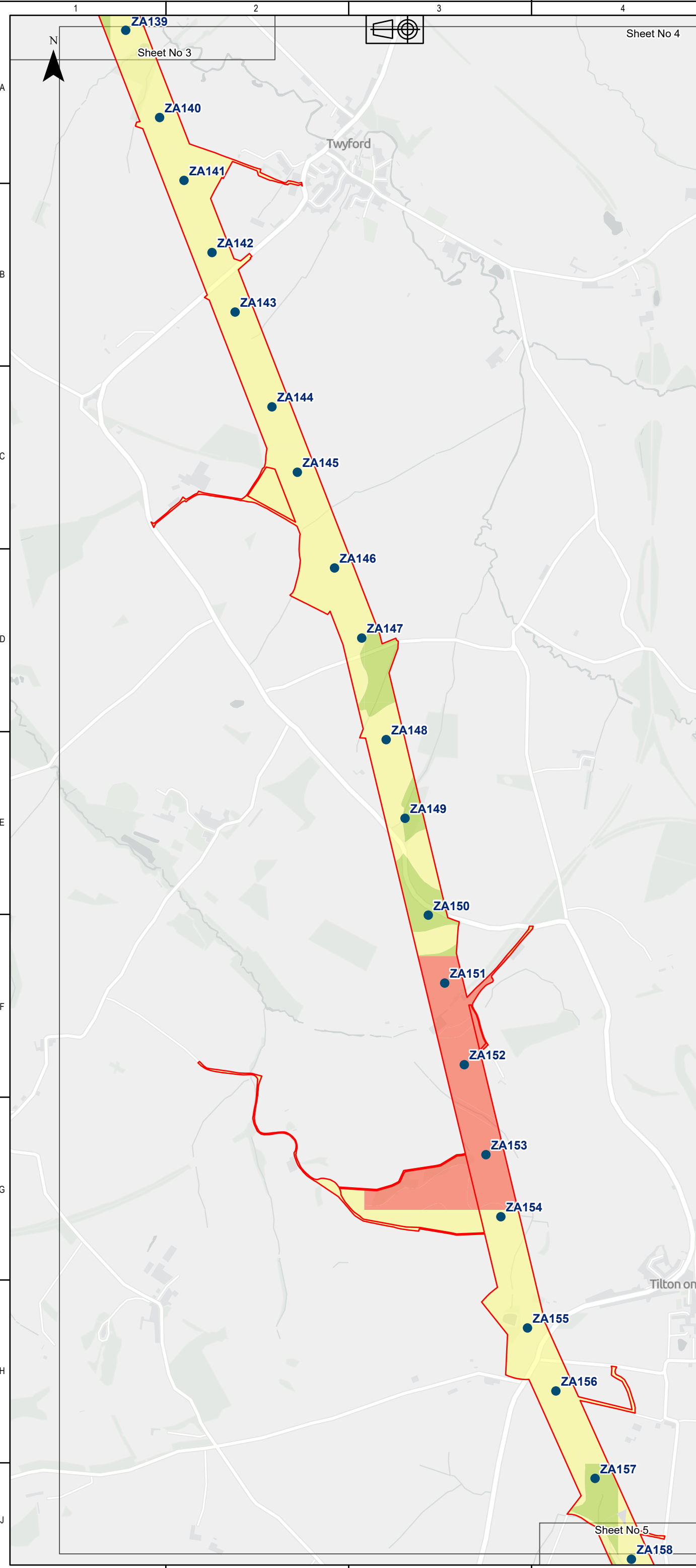
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Contractor

Site
Weston Marsh to East Leicestershire

Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 5-3
Hydrogeology

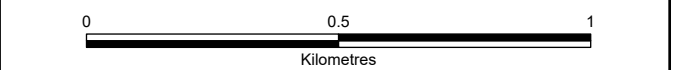
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Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Groundwater Vulnerability
 - Unproductive
 - Low
 - Medium
 - High

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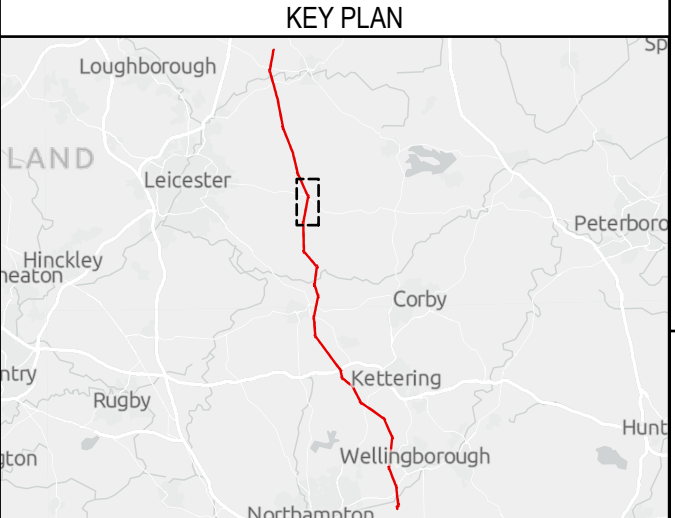
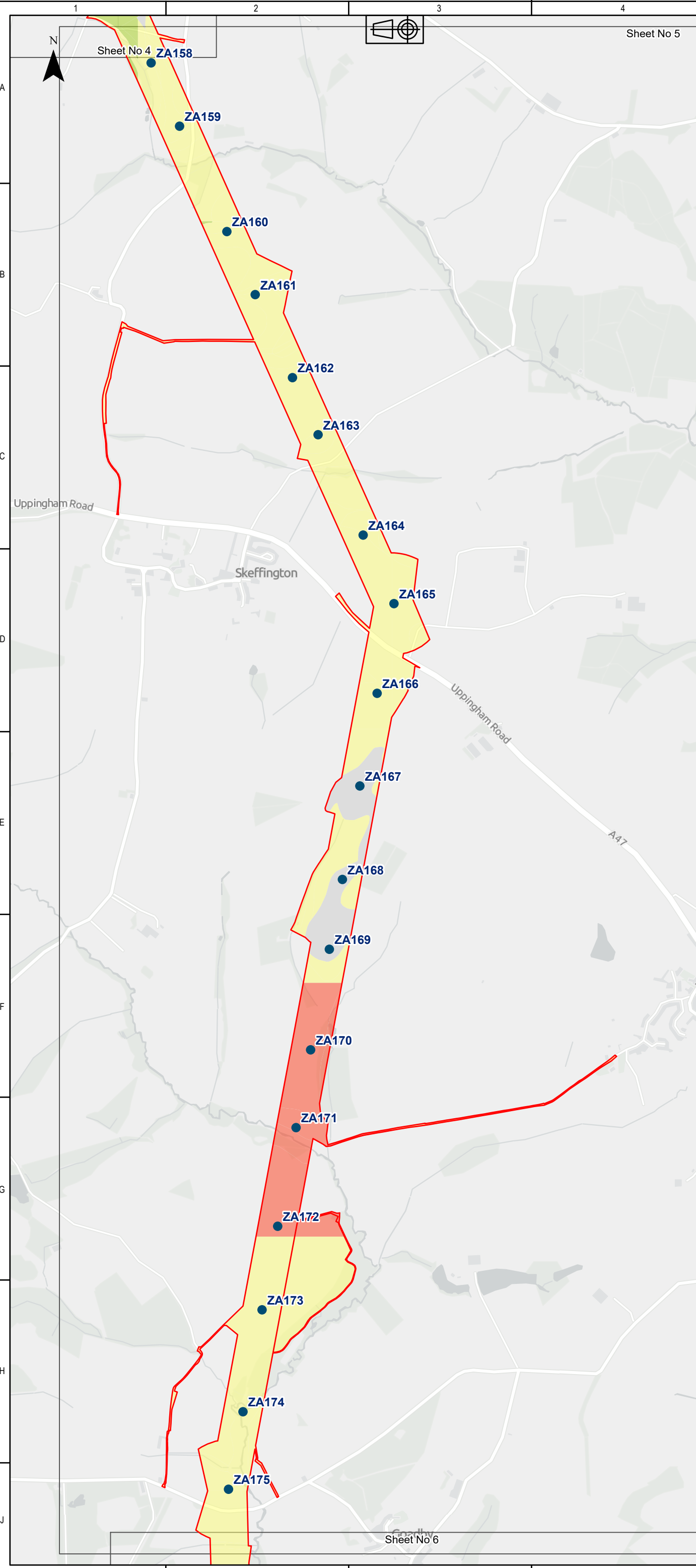
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Site
Weston Marsh to East Leicestershire

Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 5-4
Hydrogeology

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Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Groundwater Vulnerability
 - Unproductive
 - Low
 - Medium
 - High

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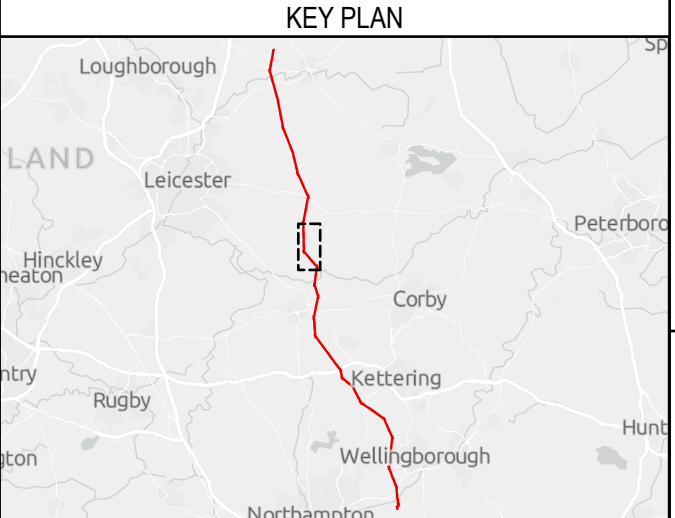
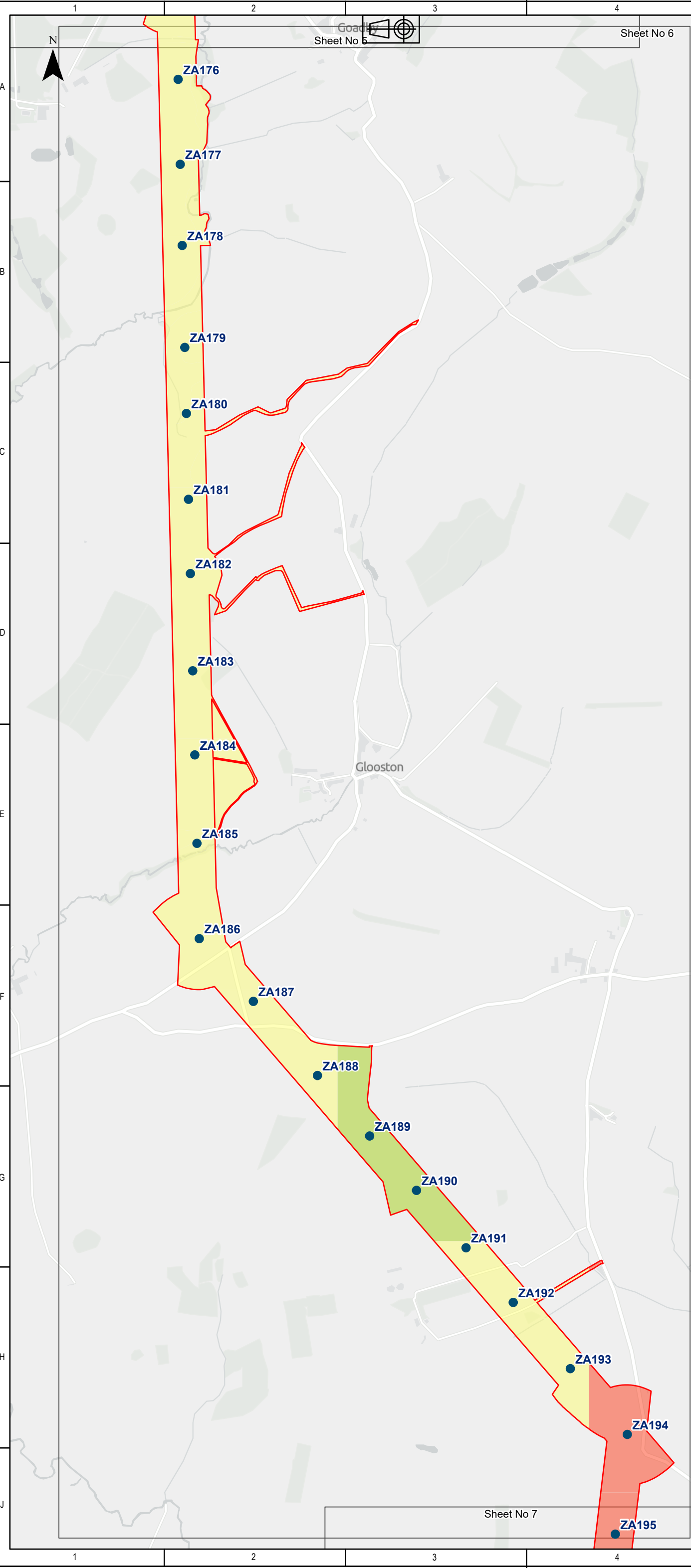
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Contractor

Site
Weston Marsh to East Leicestershire

Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 5-5
Hydrogeology

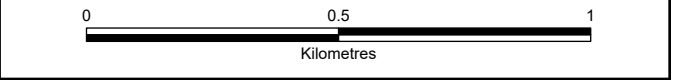
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Customer Drawing No. N/A			Sheet 5 of 14	Issue A
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Reviewed M.BLAKEY	Approved J.CHASTNEY	Date 22/06/2026	Scale 1:15,000	Size A3



Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Groundwater Vulnerability
 - Low
 - Medium
 - High

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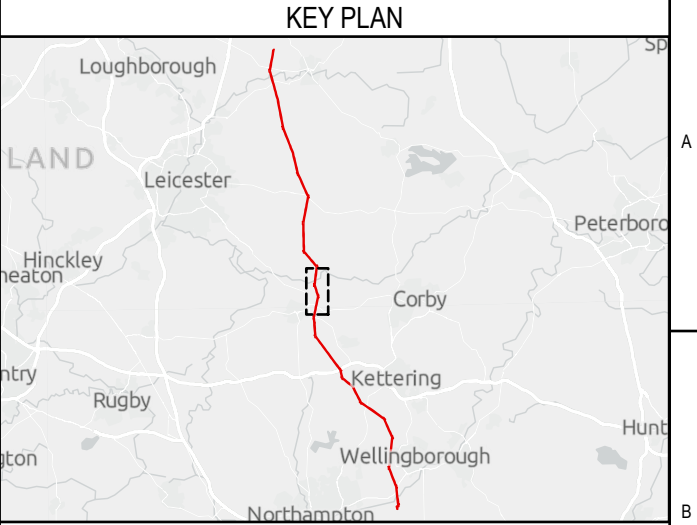
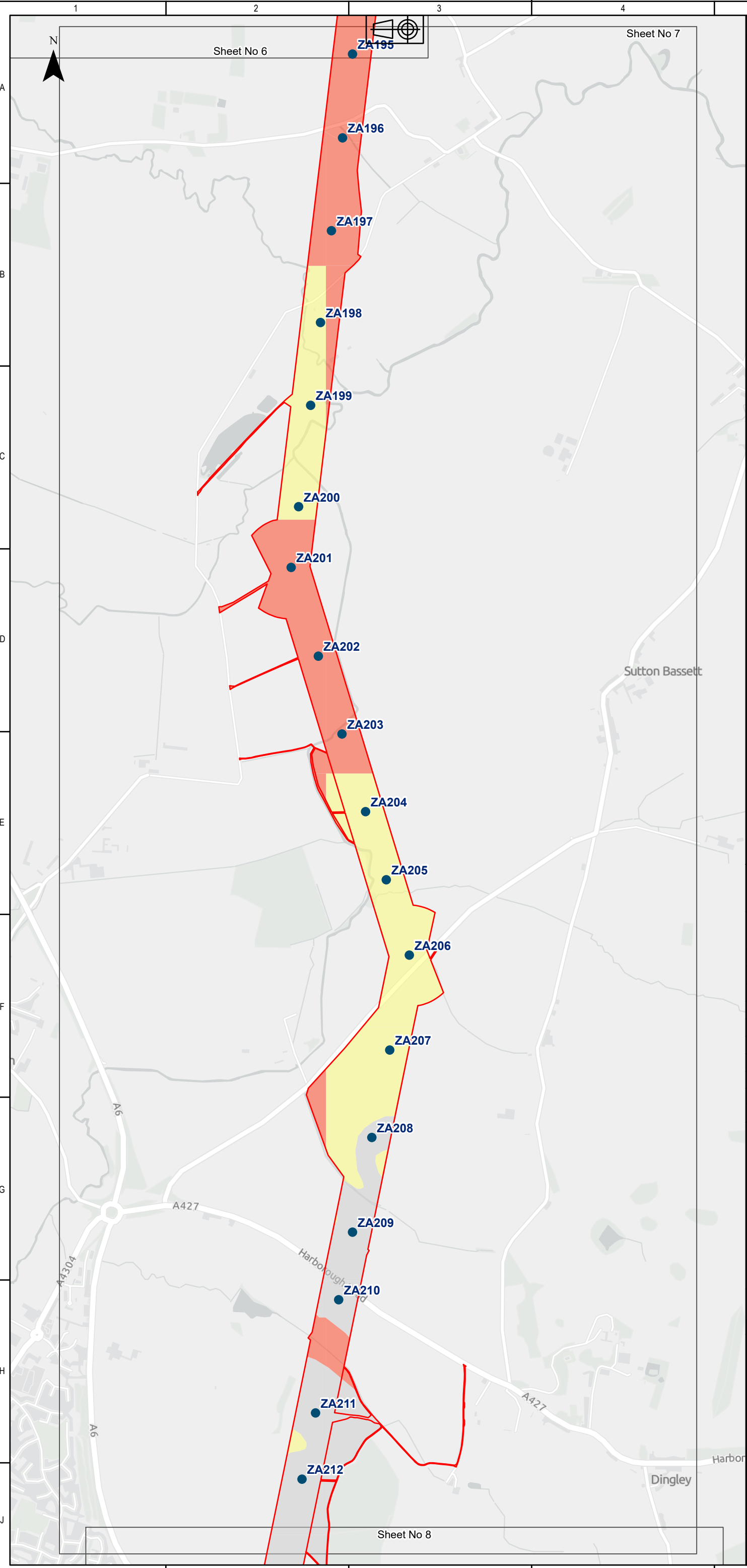
National Grid plc, Warwick Technology Park,
Gallows Hill, Warwick, CV34 6DA.

Contractor

Site
Weston Marsh to East Leicestershire

Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 5-6
Hydrogeology

Purpose of issue For Information			Status S3	
Contractor Drawing No. WMEL-AAJ-ZZZZ-XXXXXX-DRW-GE-000037			Revision P03	
Customer Drawing No. N/A			Sheet 6 of 14	Issue A
Drawn A.MORGAN		Checked M.BLAKEY		
Reviewed M.BLAKEY	Approved J.CHASTNEY	Date 22/06/2026	Scale 1:15,000	Size A3



Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers

Groundwater Vulnerability

- Unproductive
- Medium
- High

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nationalgrid

National Grid plc, Warwick Technology Park,
Gallows Hill, Warwick, CV34 6DA.

Contractor

AECOM

ARUP

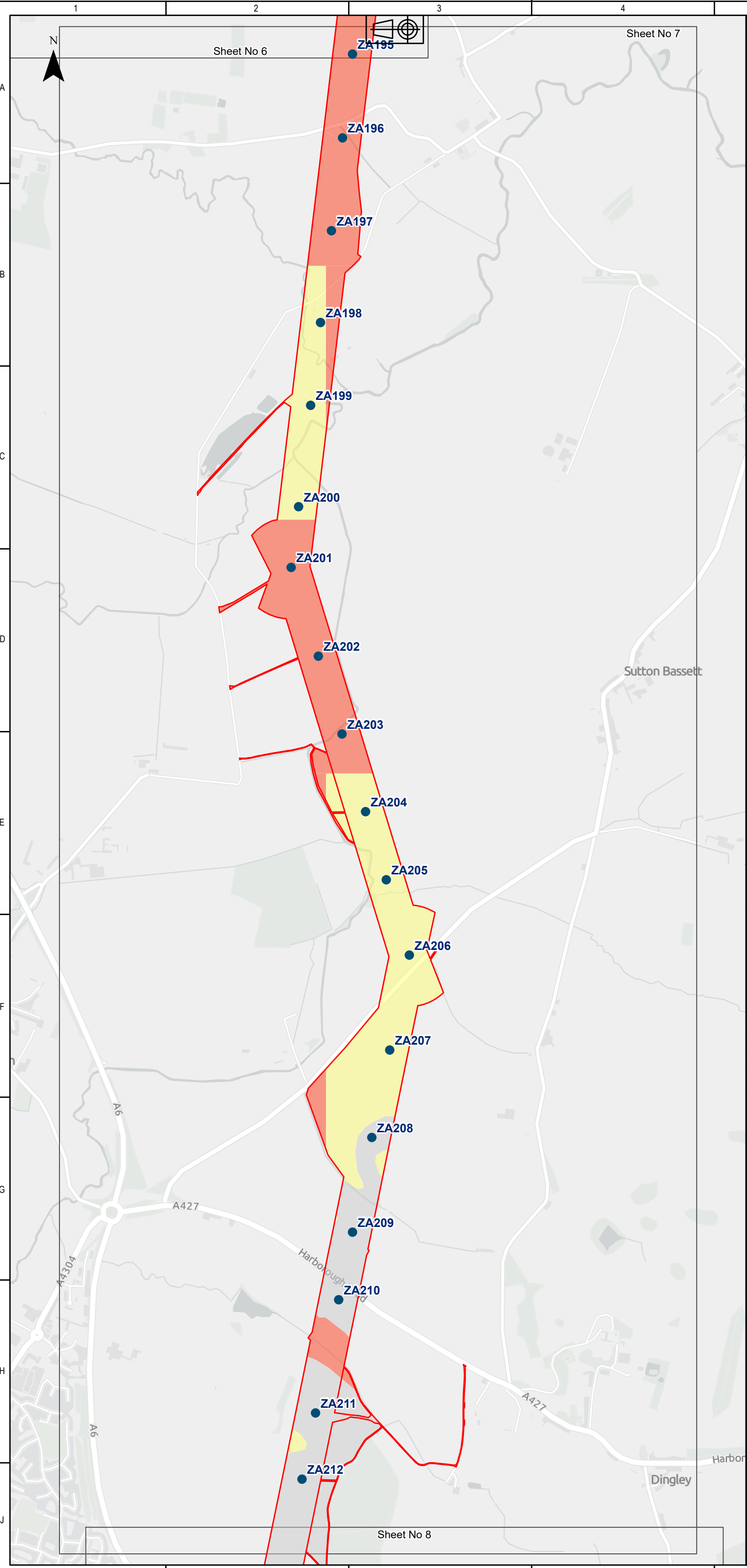
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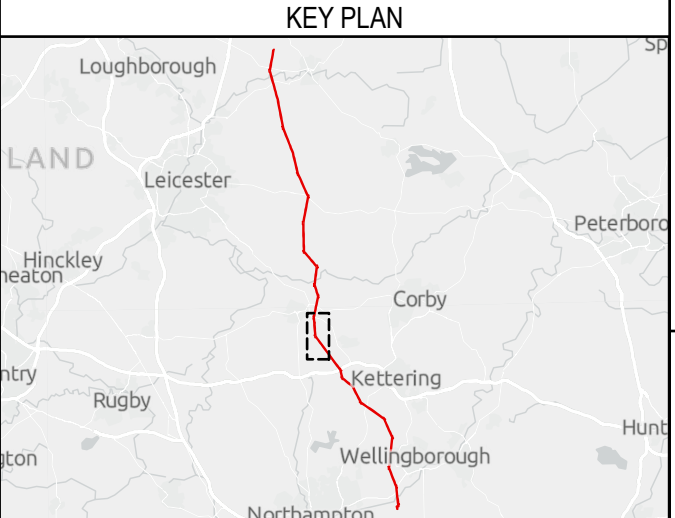
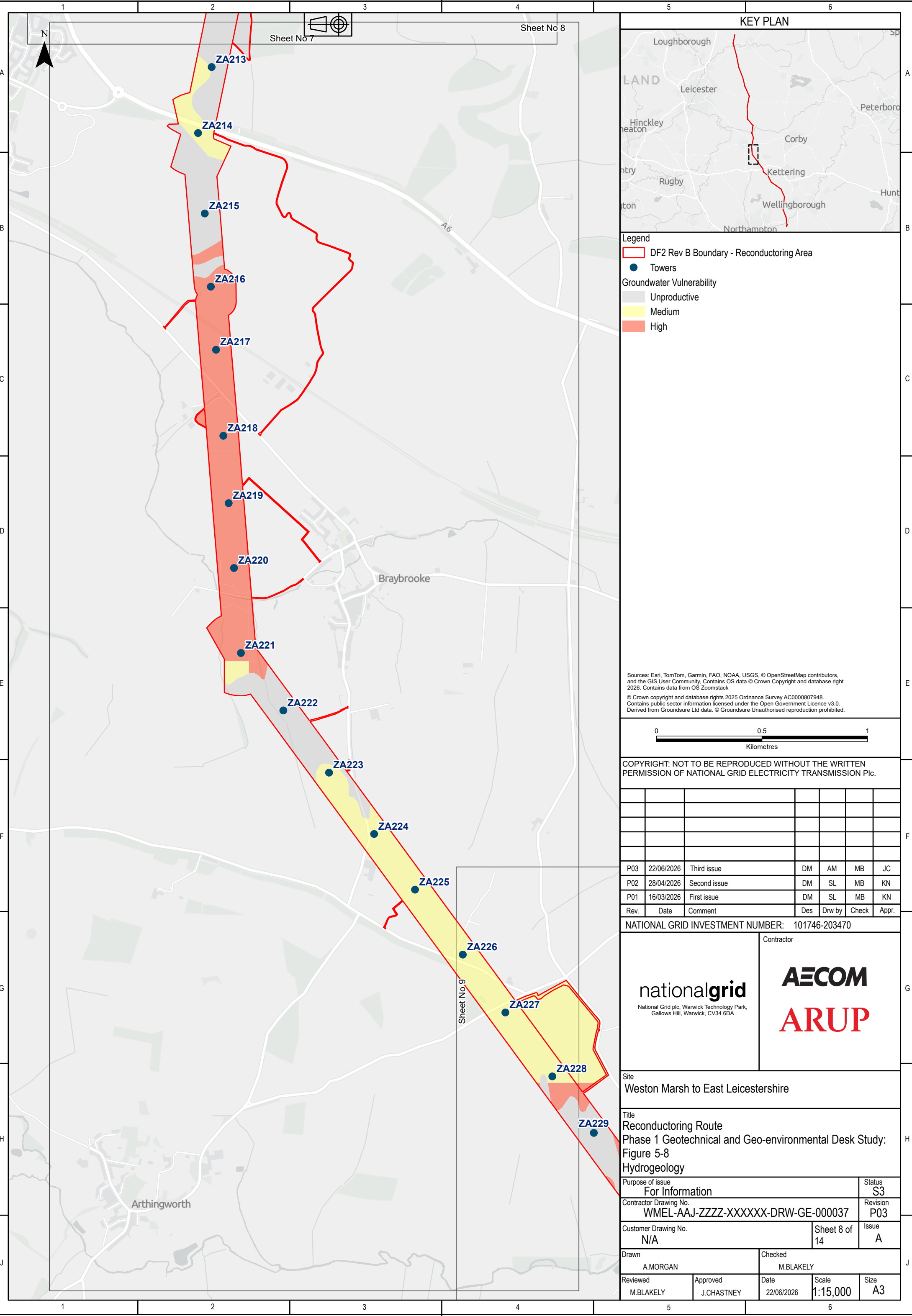
Weston Marsh to East Leicestershire

Title

Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 5-7
Hydrogeology

Purpose of issue		Status		
For Information		S3		
Contractor Drawing No.		Revision		
WMEL-AAJ-ZZZZ-XXXXXX-DRW-GE-000037		P03		
Customer Drawing No.		Issue		
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Reviewed	Approved	Date	Scale	Size
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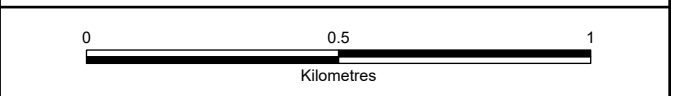




Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Groundwater Vulnerability
 - Unproductive
 - Medium
 - High

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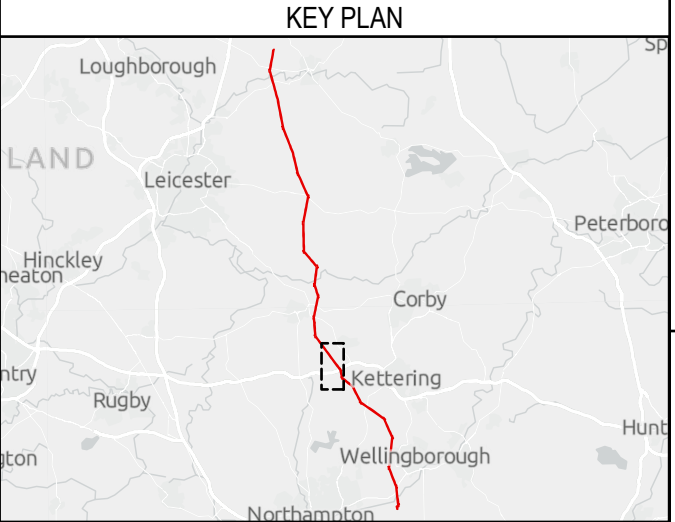
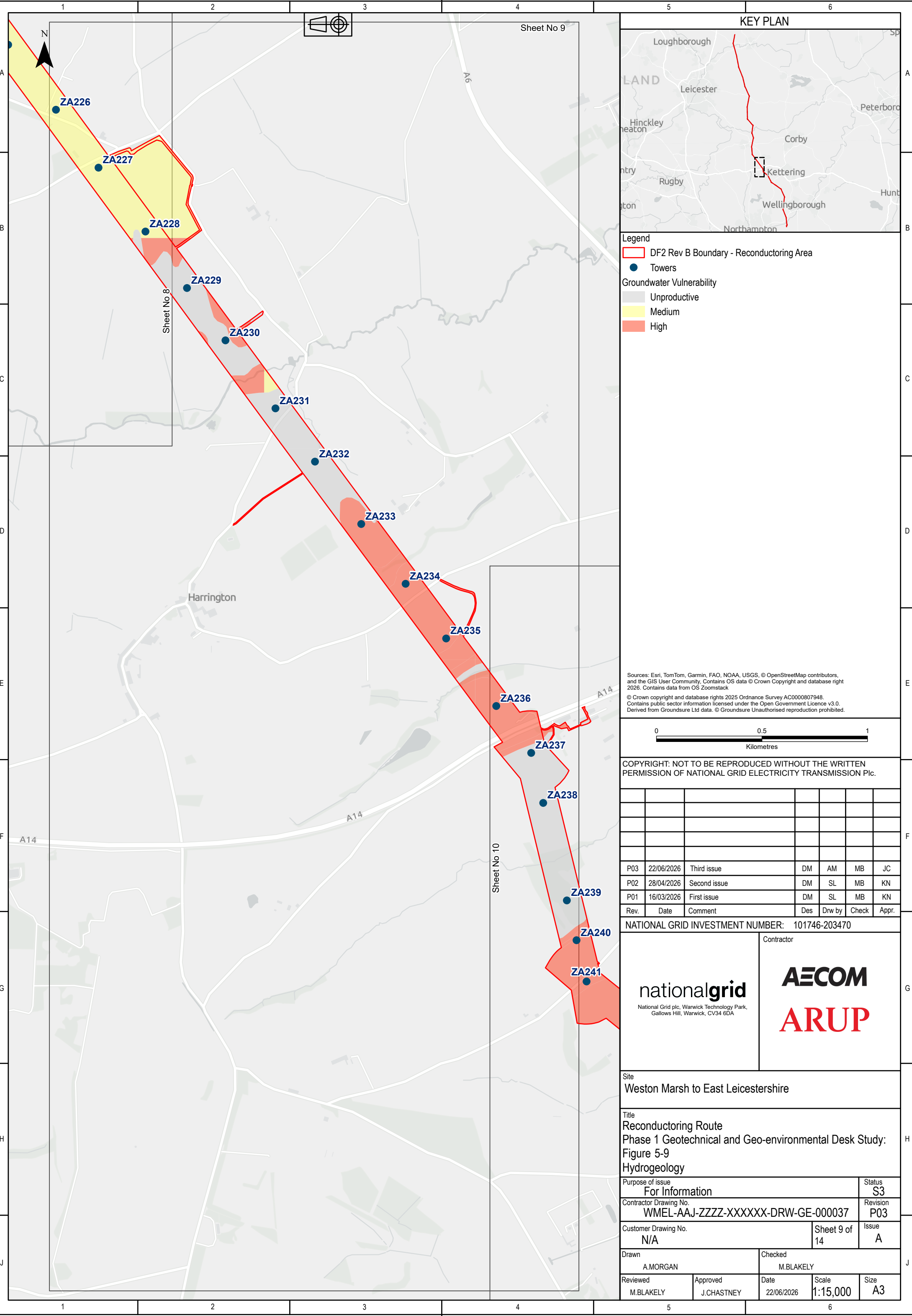
National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA.

Contractor

Site
Weston Marsh to East Leicestershire

Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 5-8
Hydrogeology

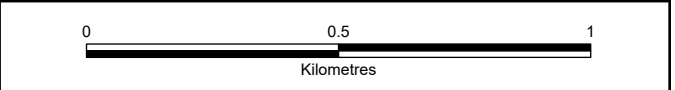
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Customer Drawing No. N/A				Sheet 8 of 14	Issue A
Drawn A.MORGAN			Checked M.BLAKEY		
Reviewed M.BLAKEY	Approved J.CHASTNEY	Date 22/06/2026	Scale 1:15,000	Size A3	



Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Groundwater Vulnerability
 - Unproductive
 - Medium
 - High

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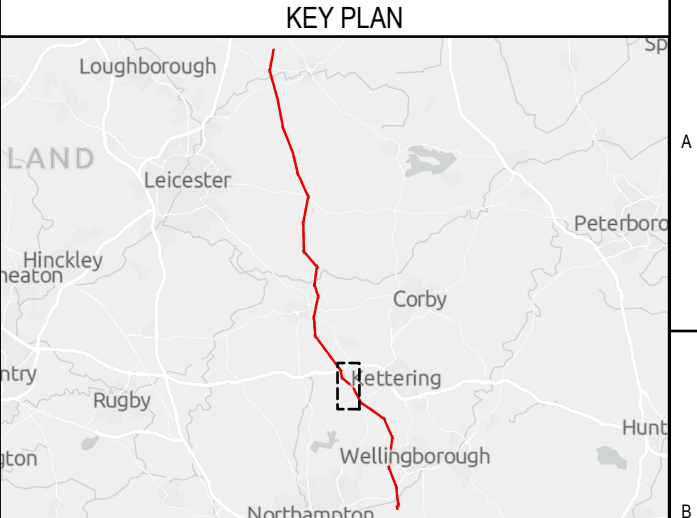
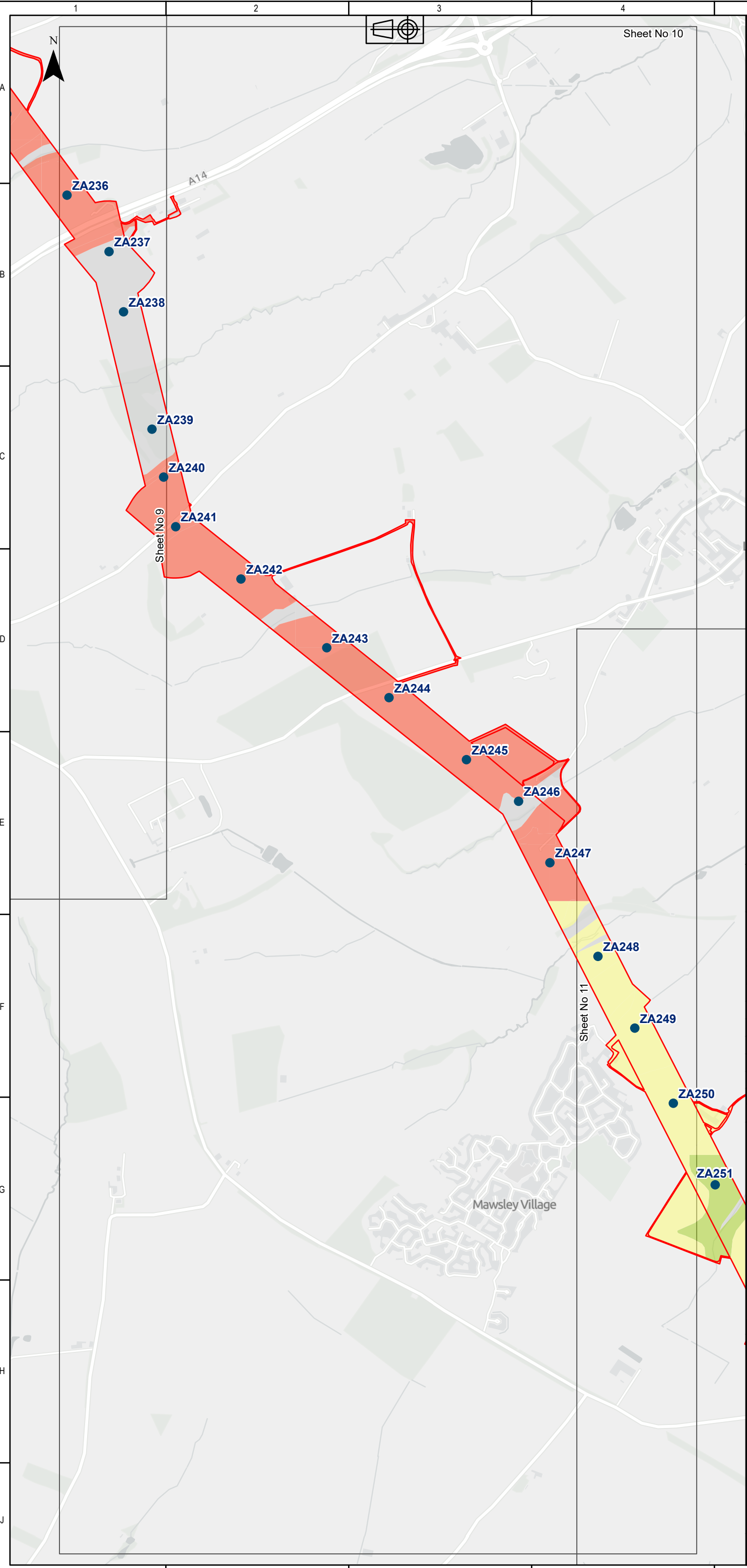
National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA.

Contractor

Site
Weston Marsh to East Leicestershire

Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 5-9
Hydrogeology

Purpose of issue For Information				Status S3
Contractor Drawing No. WMEL-AAJ-ZZZZ-XXXXXX-DRW-GE-000037				Revision P03
Customer Drawing No. N/A			Sheet 9 of 14	Issue A
Drawn A.MORGAN		Checked M.BLAKEY		
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Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers

Groundwater Vulnerability

- Unproductive
- Low
- Medium
- High

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nationalgrid

National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA.

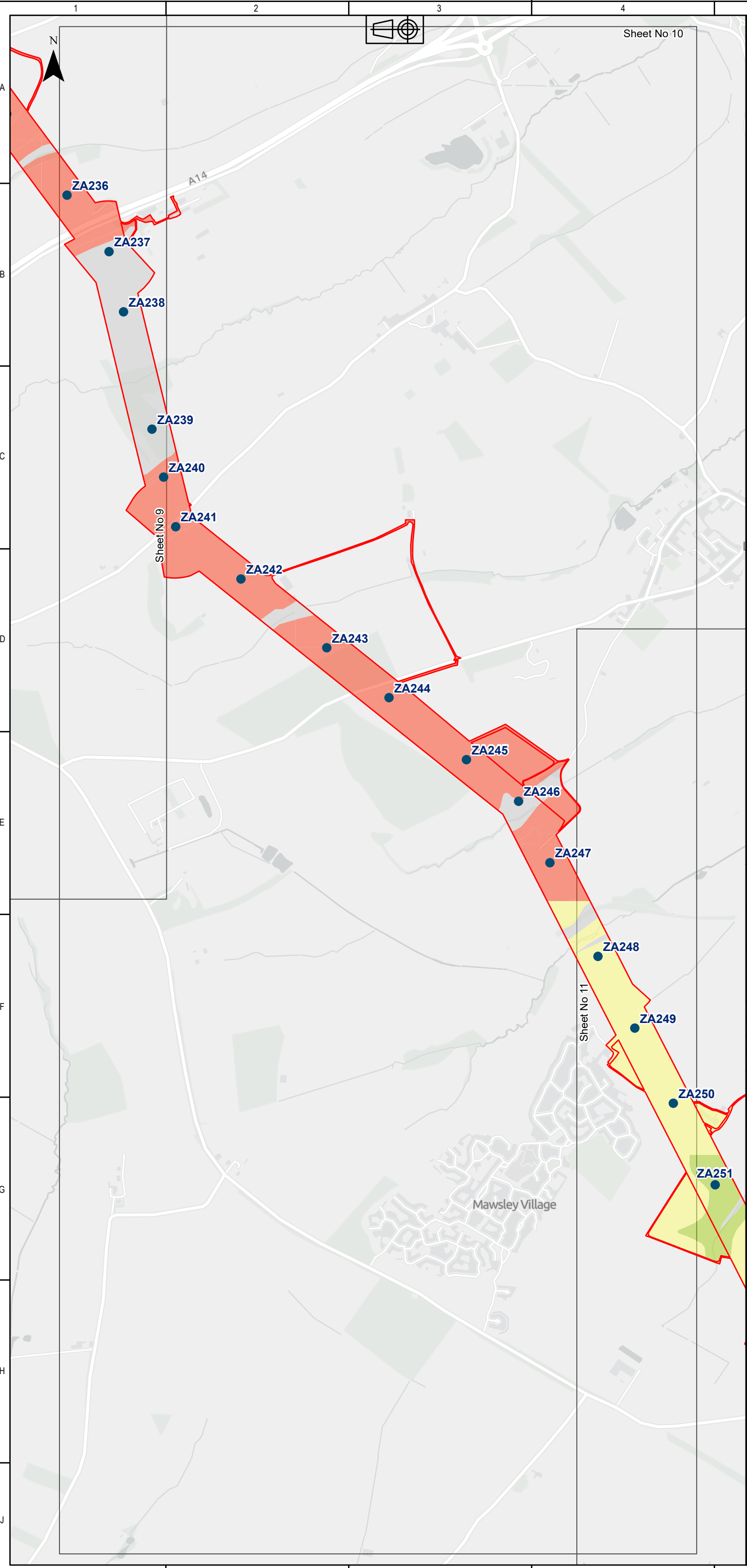
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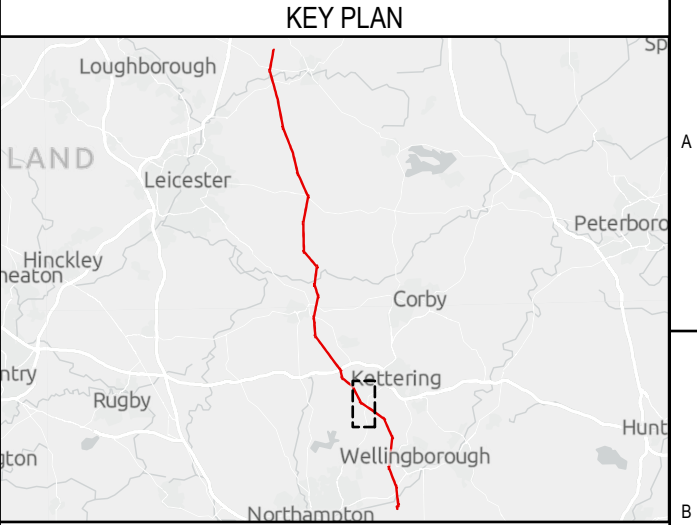
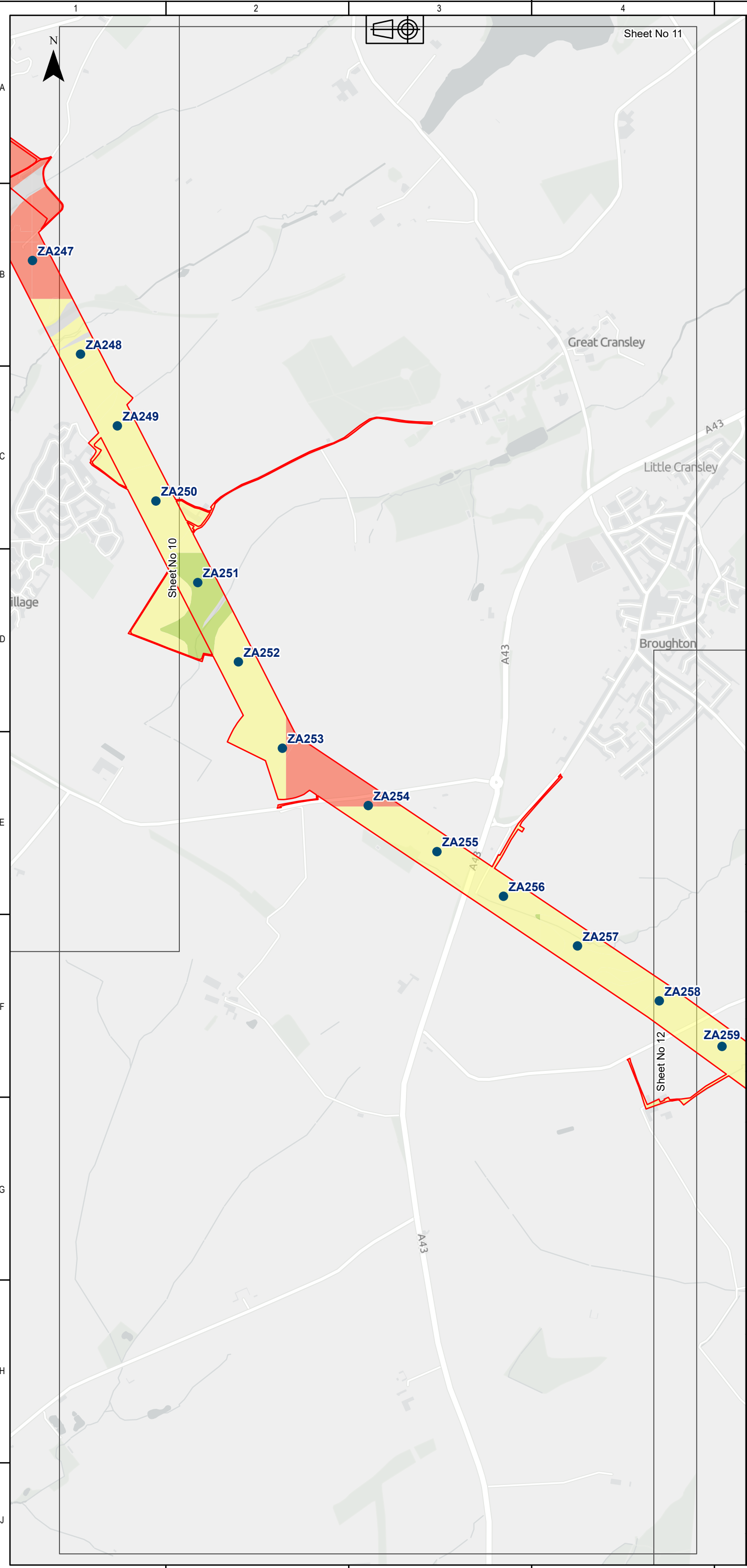
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Site
Weston Marsh to East Leicestershire

Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 5-10
Hydrogeology

Purpose of issue For Information		Status S3
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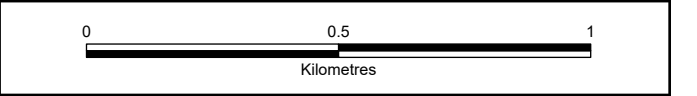




Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Groundwater Vulnerability
 - Unproductive
 - Low
 - Medium
 - High

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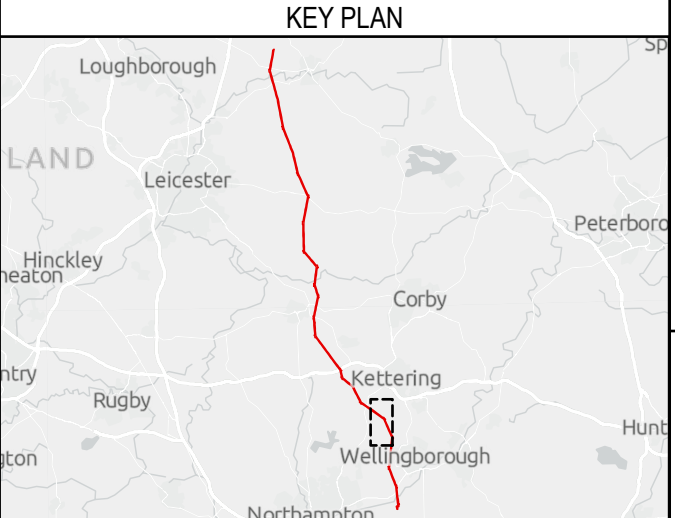
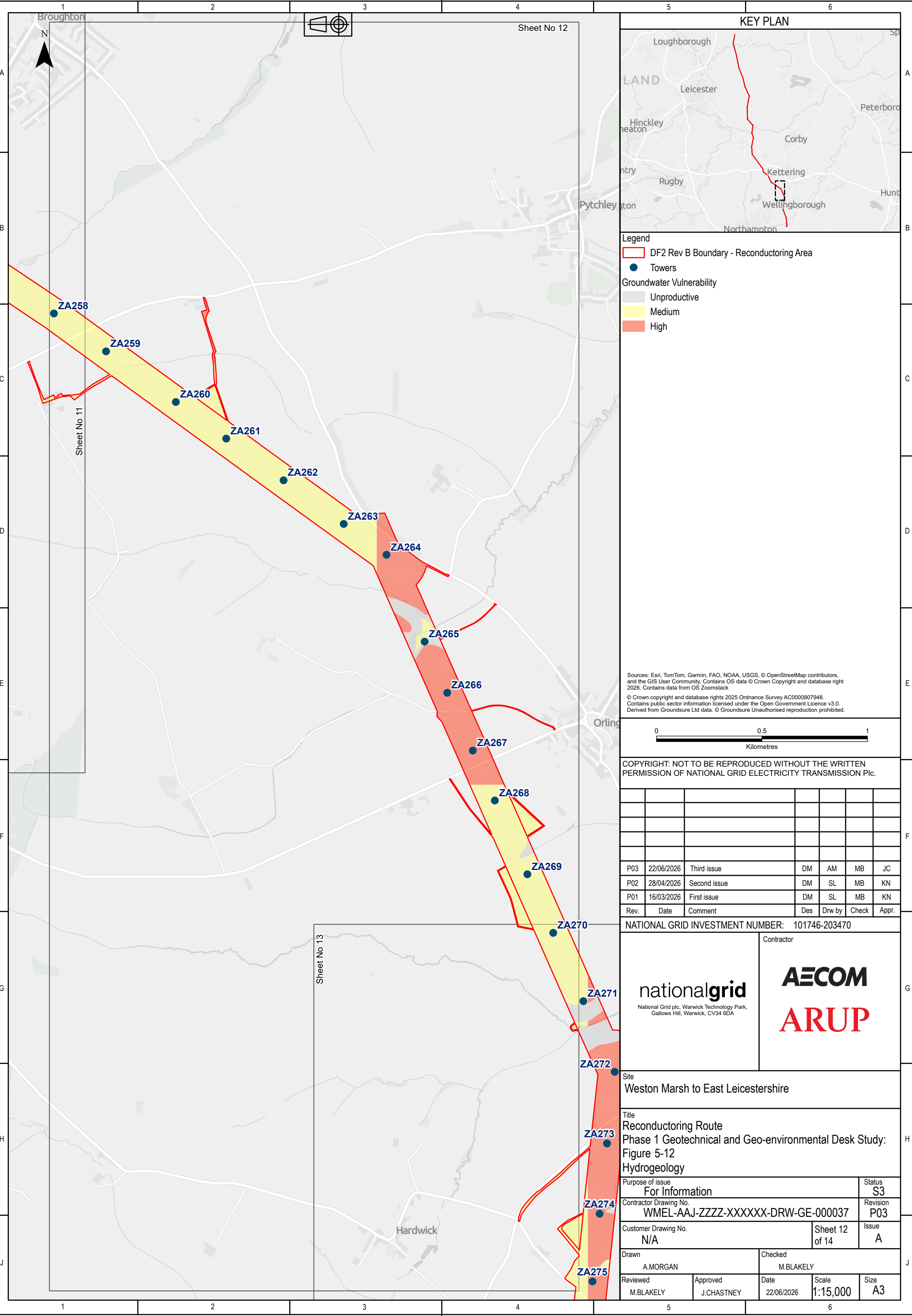
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Contractor

Site
Weston Marsh to East Leicestershire

Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 5-11
Hydrogeology

Purpose of issue For Information				Status S3
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Customer Drawing No. N/A			Sheet 11 of 14	Issue A
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Reviewed M.BLAKEY	Approved J.CHASTNEY	Date 22/06/2026	Scale 1:15,000	Size A3



Legend

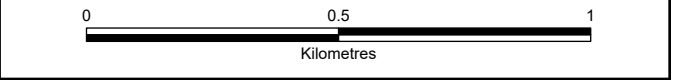
- DF2 Rev B Boundary - Reconductoring Area
- Towers

Groundwater Vulnerability

- Unproductive
- Medium
- High

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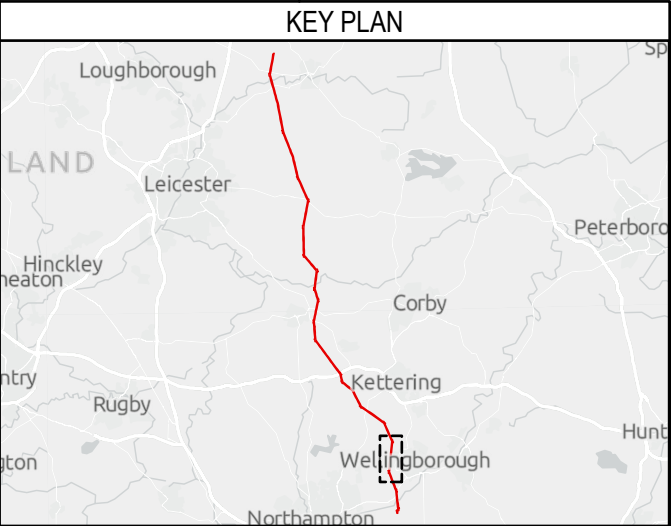
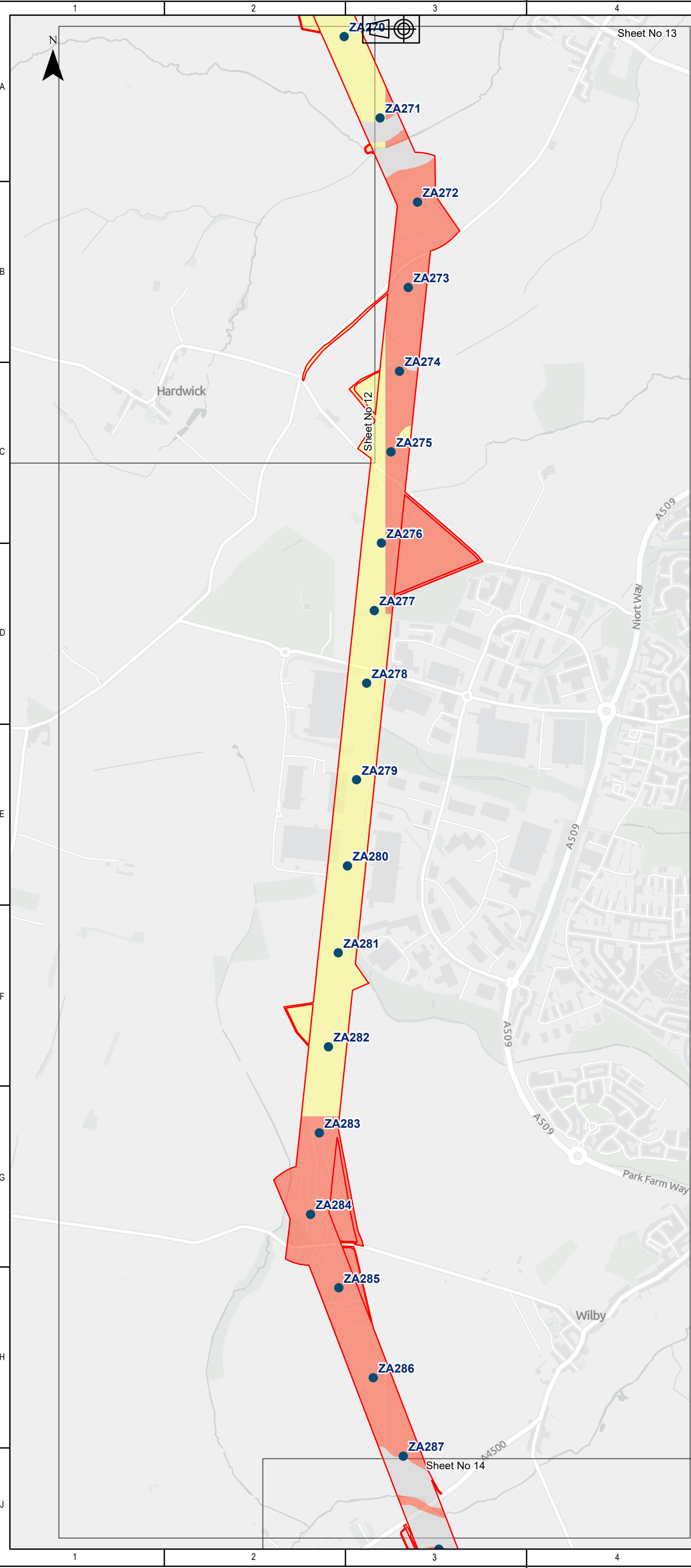
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Contractor

Site
Weston Marsh to East Leicestershire

Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 5-12
Hydrogeology

Purpose of issue For Information				Status S3
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Reviewed M.BLAKEY	Approved J.CHASTNEY	Date 22/06/2026	Scale 1:15,000	Size A3



Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers

Groundwater Vulnerability

- Unproductive
- Medium
- High

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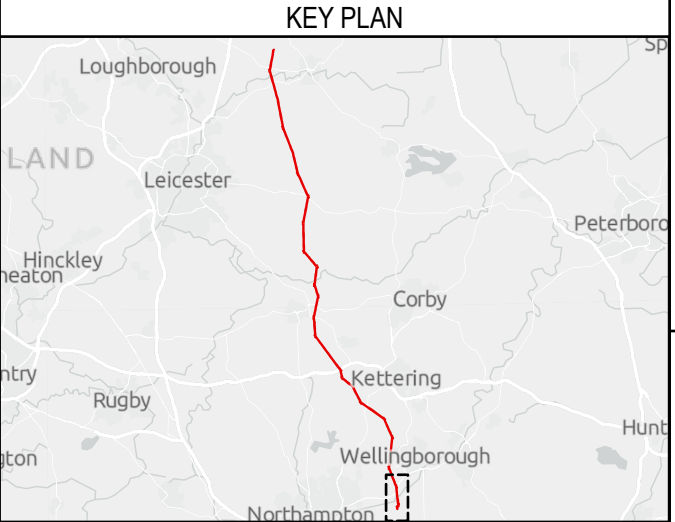
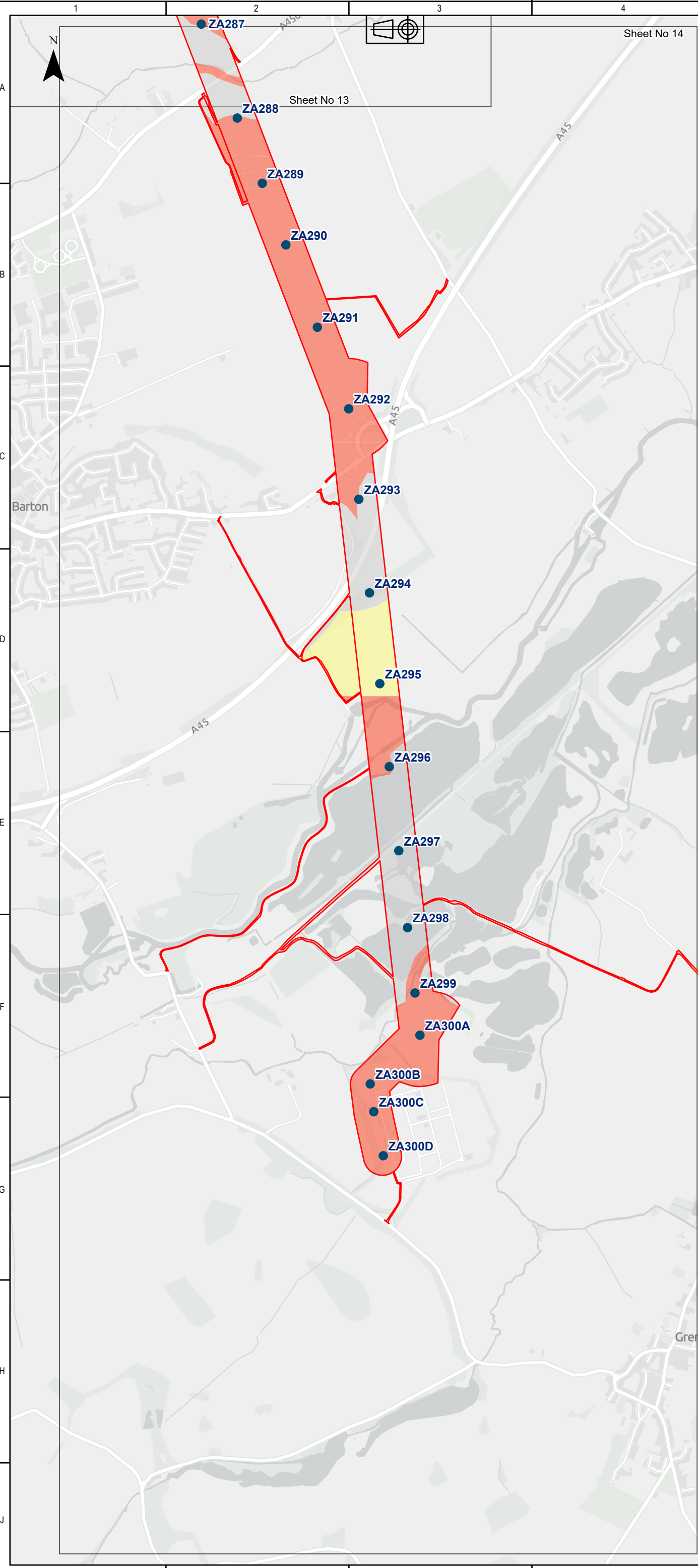
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Contractor

Site
Weston Marsh to East Leicestershire

Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 5-13
Hydrogeology

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Customer Drawing No. N/A				Sheet 13 of 14	Issue A
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Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Groundwater Vulnerability
 - Unproductive
 - Medium
 - High

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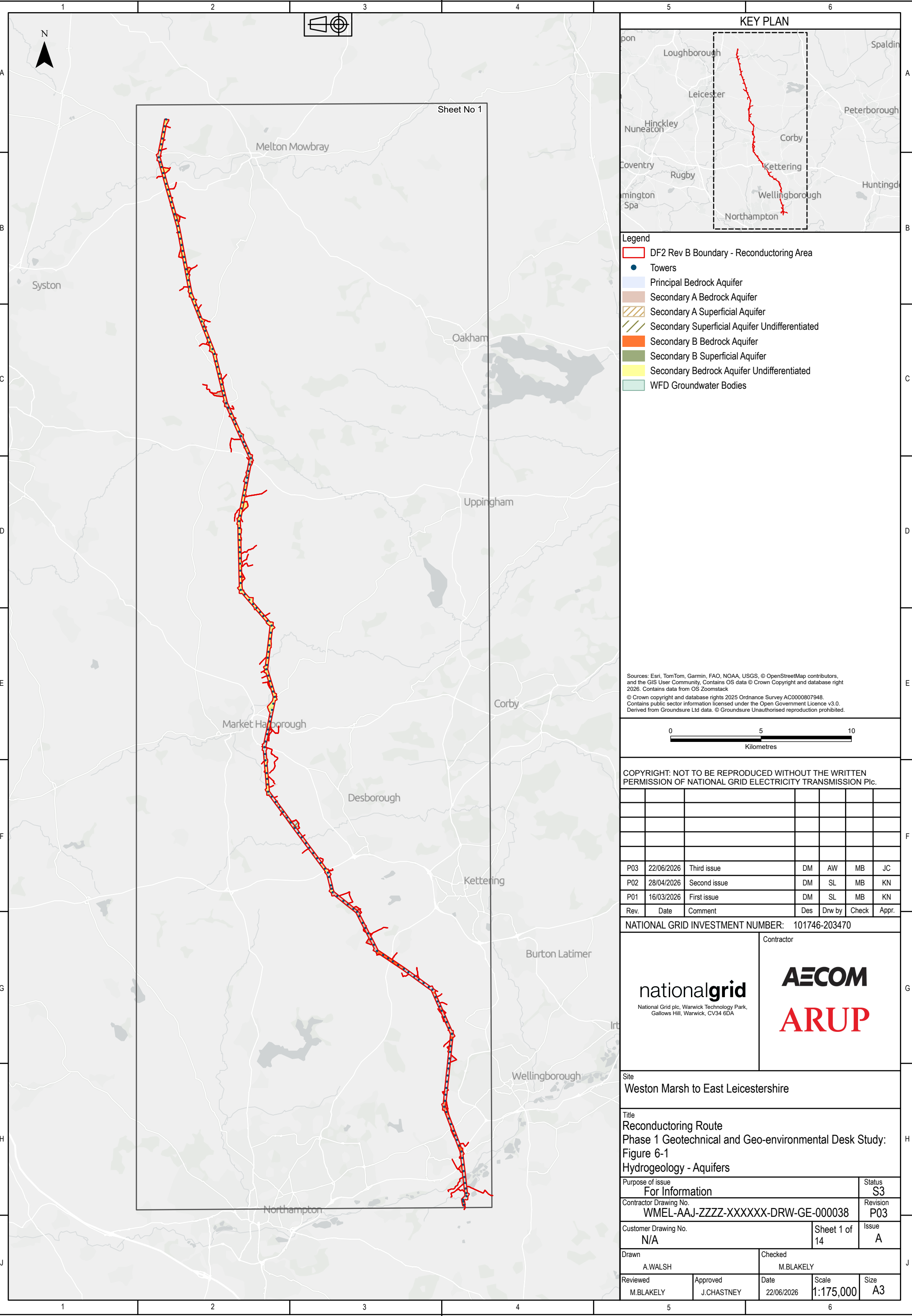
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Contractor

Site
Weston Marsh to East Leicestershire

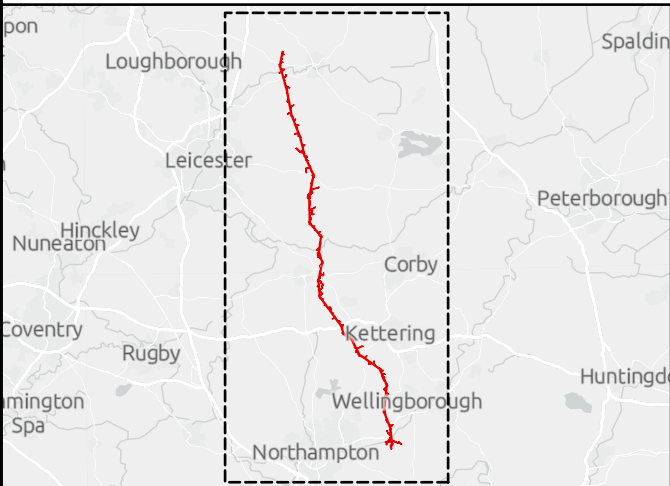
Title
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Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 5-14
Hydrogeology

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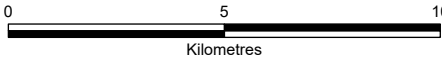
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KEY PLAN



- Legend
- DF2 Rev B Boundary - Reconductoring Area
 - Towers
 - Principal Bedrock Aquifer
 - Secondary A Bedrock Aquifer
 - Secondary A Superficial Aquifer
 - Secondary Superficial Aquifer Undifferentiated
 - Secondary B Bedrock Aquifer
 - Secondary B Superficial Aquifer
 - Secondary Bedrock Aquifer Undifferentiated
 - WFD Groundwater Bodies

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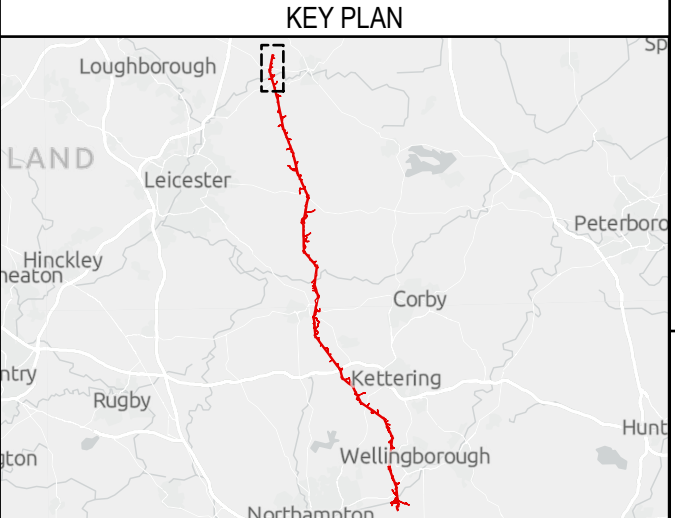
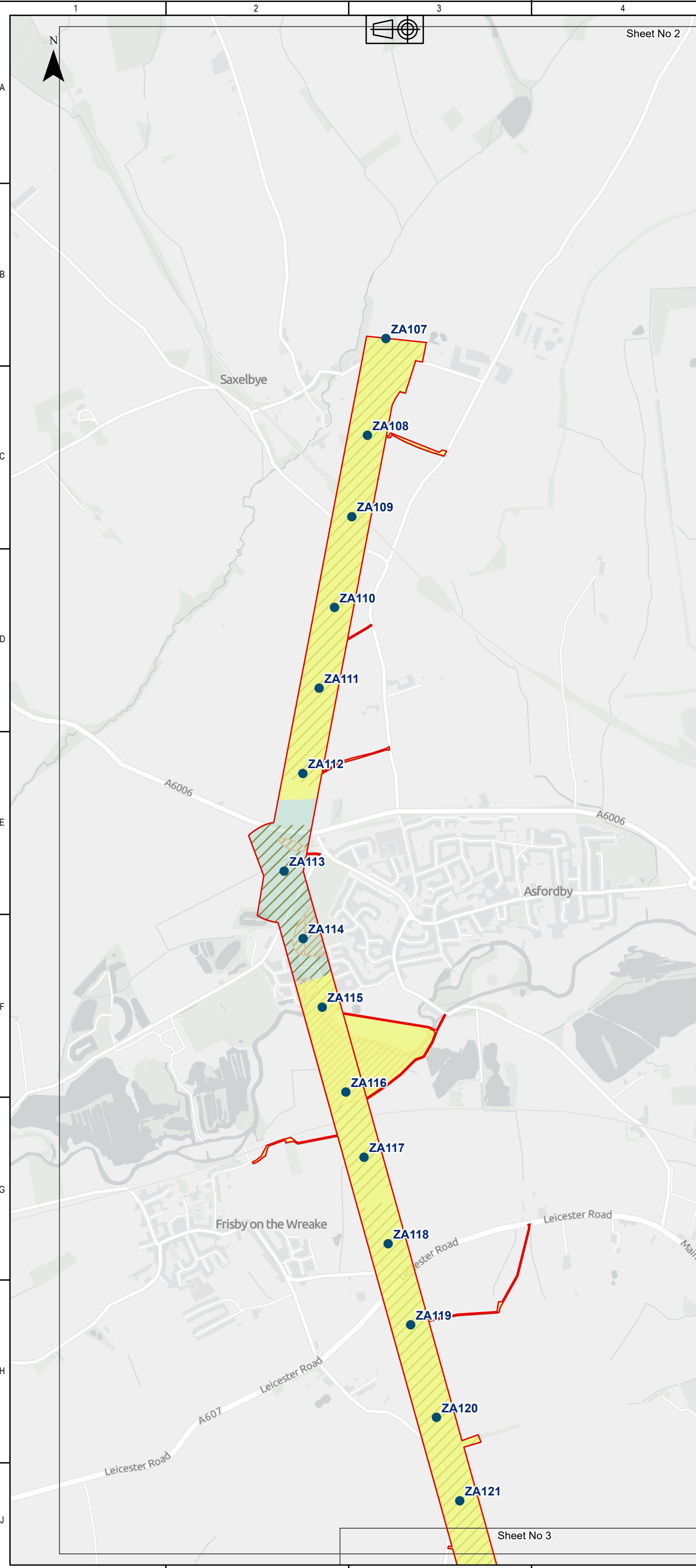
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Contractor

Site
Weston Marsh to East Leicestershire

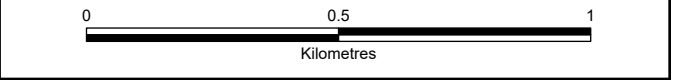
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Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 6-1
Hydrogeology - Aquifers

Purpose of issue For Information				Status S3
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Customer Drawing No. N/A			Sheet 1 of 14	Issue A
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Reviewed M.BLAKEY	Approved J.CHASTNEY	Date 22/06/2026	Scale 1:175,000	Size A3



- Legend
- DF2 Rev B Boundary - Reconductoring Area
 - Towers
 - Secondary A Superficial Aquifer
 - Secondary Superficial Aquifer Undifferentiated
 - Secondary Bedrock Aquifer Undifferentiated
 - WFD Groundwater Bodies

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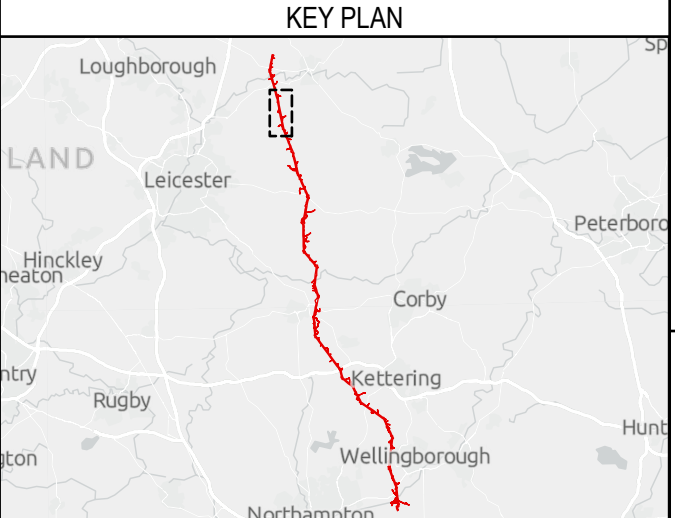
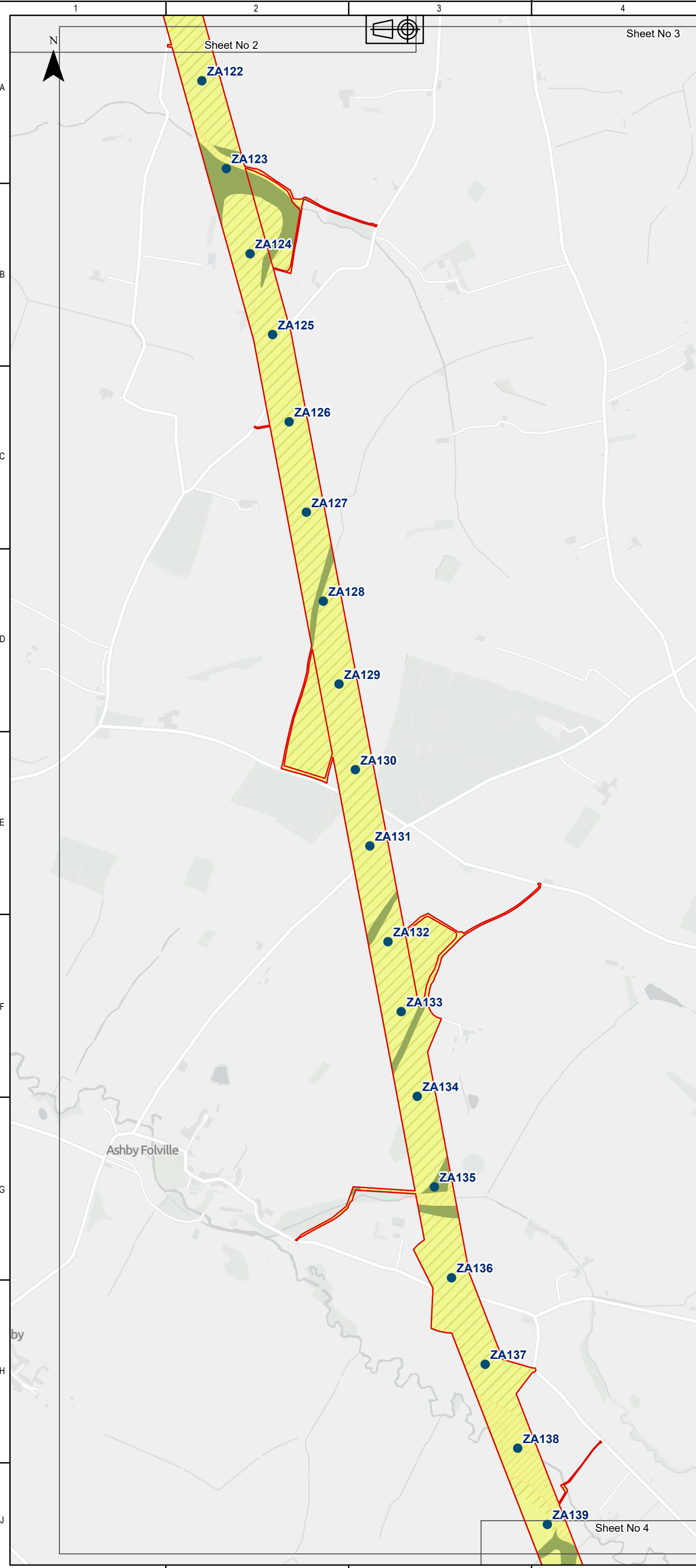
National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA.

Contractor

Site
Weston Marsh to East Leicestershire

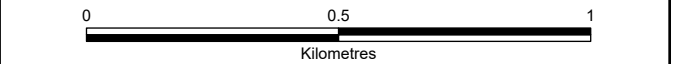
Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 6-2
Hydrogeology - Aquifers

Purpose of issue For Information				Status S3
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Customer Drawing No. N/A			Sheet 2 of 14	Issue A
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Reviewed M.BLAKEY	Approved J.CHASTNEY	Date 22/06/2026	Scale 1:15,000	Size A3



- Legend**
- DF2 Rev B Boundary - Reconductoring Area
 - Towers
 - Secondary A Superficial Aquifer
 - Secondary Superficial Aquifer Undifferentiated
 - Secondary B Superficial Aquifer
 - Secondary Bedrock Aquifer Undifferentiated
 - WFD Groundwater Bodies

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Rev.	Date	Comment	Des	Drw by	Check	Appr.

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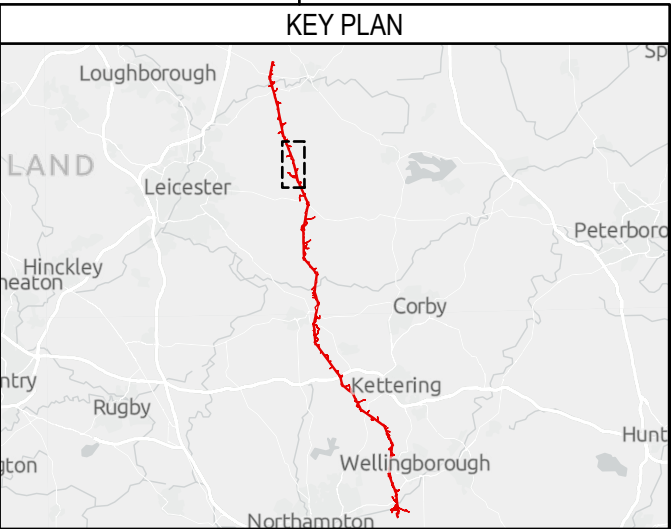
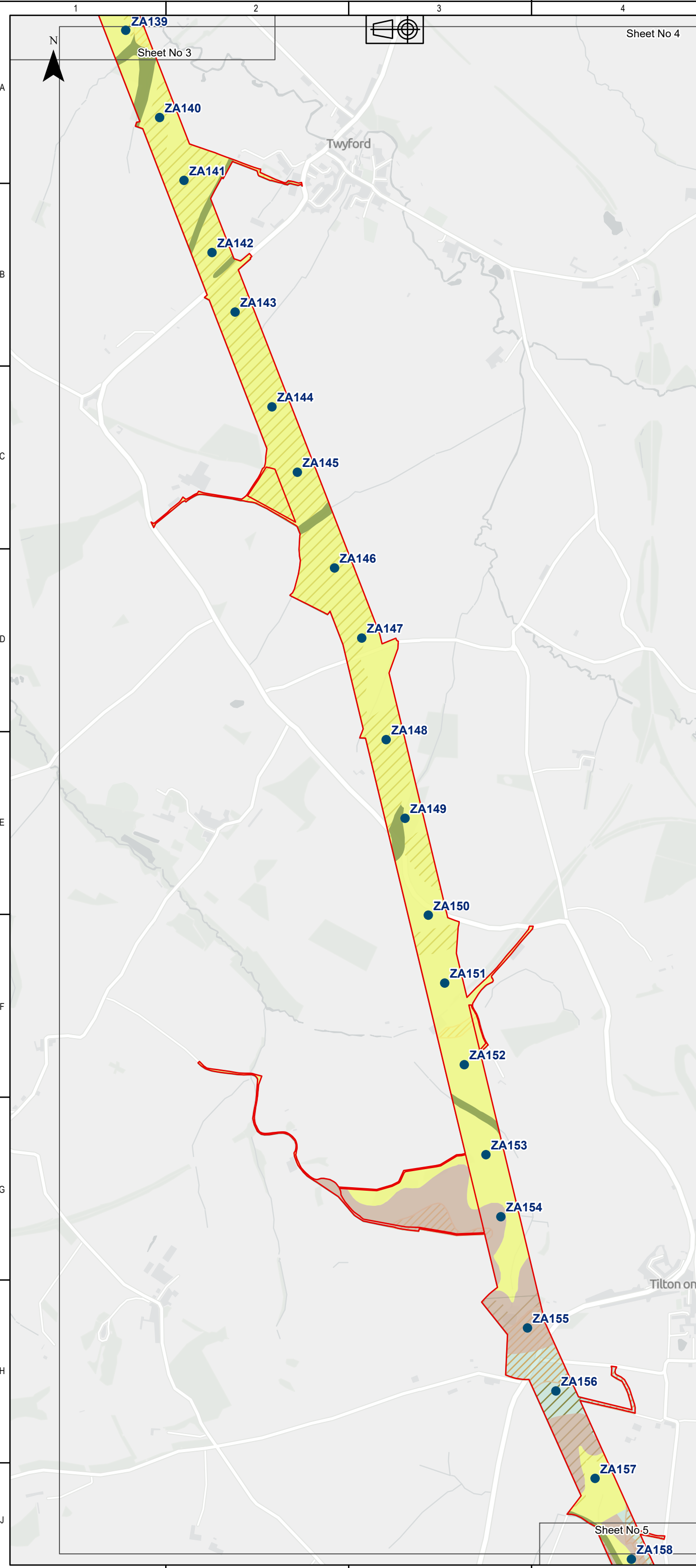
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Contractor

Site
Weston Marsh to East Leicestershire

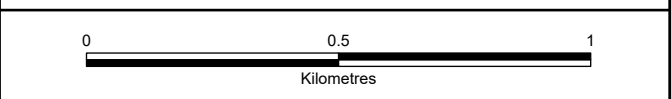
Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 6-3
Hydrogeology - Aquifers

Purpose of issue For Information				Status S3
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Customer Drawing No. N/A			Sheet 3 of 14	Issue A
Drawn A.WALSH		Checked M.BLAKEY		
Reviewed M.BLAKEY	Approved J.CHASTNEY	Date 22/06/2026	Scale 1:15,000	Size A3



- Legend
- DF2 Rev B Boundary - Reconductoring Area
 - Towers
 - Secondary A Bedrock Aquifer
 - Secondary A Superficial Aquifer
 - Secondary Superficial Aquifer Undifferentiated
 - Secondary B Superficial Aquifer
 - Secondary Bedrock Aquifer Undifferentiated
 - WFD Groundwater Bodies

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Rev.	Date	Comment	Des	Drw by	Check	Appr.

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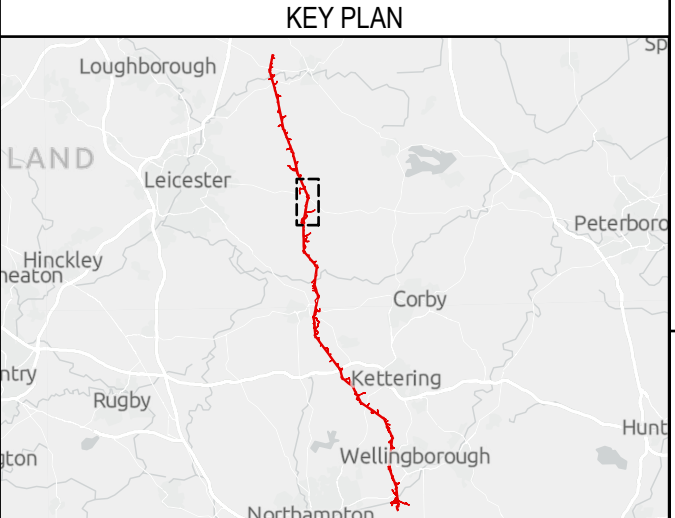
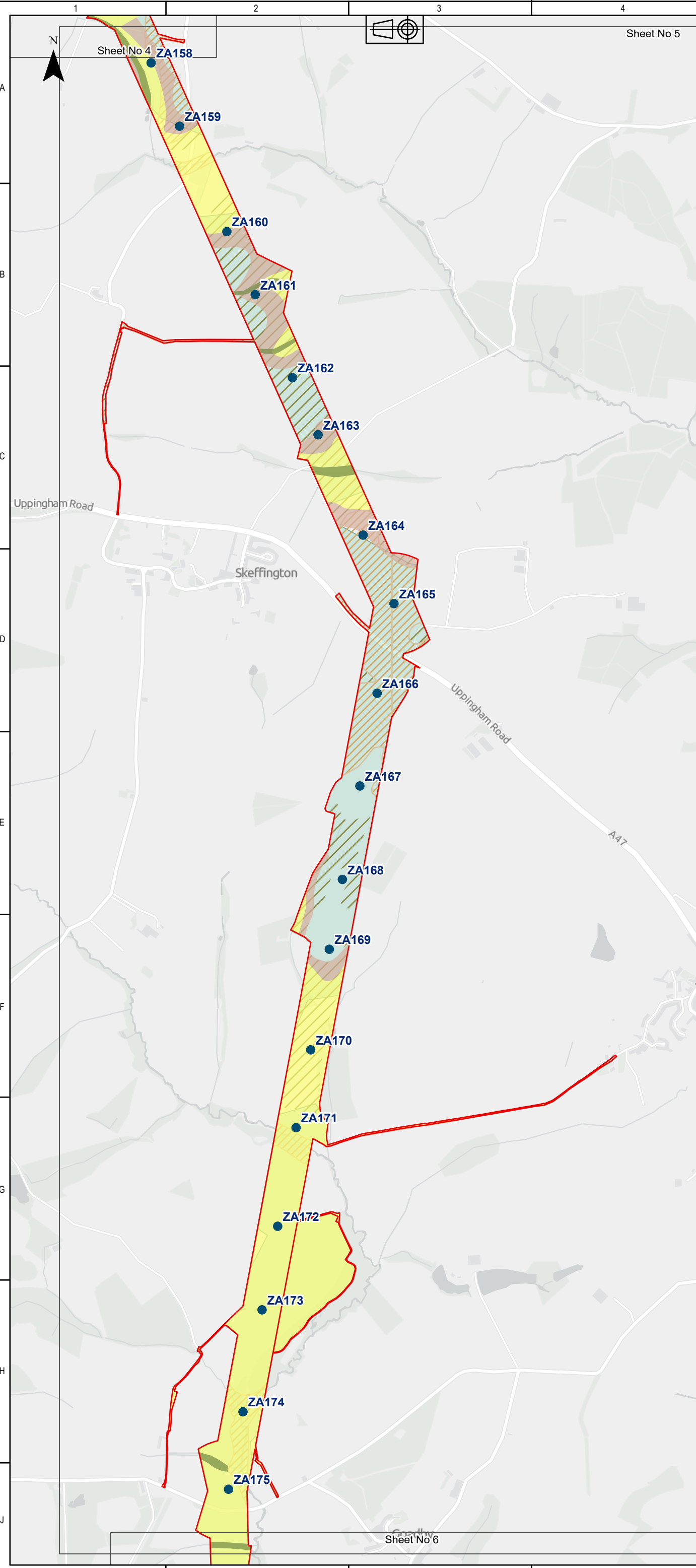
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Contractor

Site
Weston Marsh to East Leicestershire

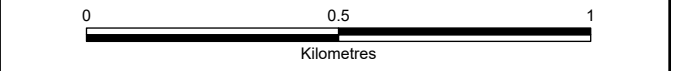
Title
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Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 6-4
Hydrogeology - Aquifers

Purpose of issue For Information				Status S3	
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Reviewed M.BLAKEY	Approved J.CHASTNEY	Date 22/06/2026	Scale 1:15,000	Size A3	



- Legend**
- DF2 Rev B Boundary - Reconductoring Area
 - Towers
 - Secondary A Bedrock Aquifer
 - Secondary A Superficial Aquifer
 - Secondary Superficial Aquifer Undifferentiated
 - Secondary B Superficial Aquifer
 - Secondary Bedrock Aquifer Undifferentiated
 - WFD Groundwater Bodies

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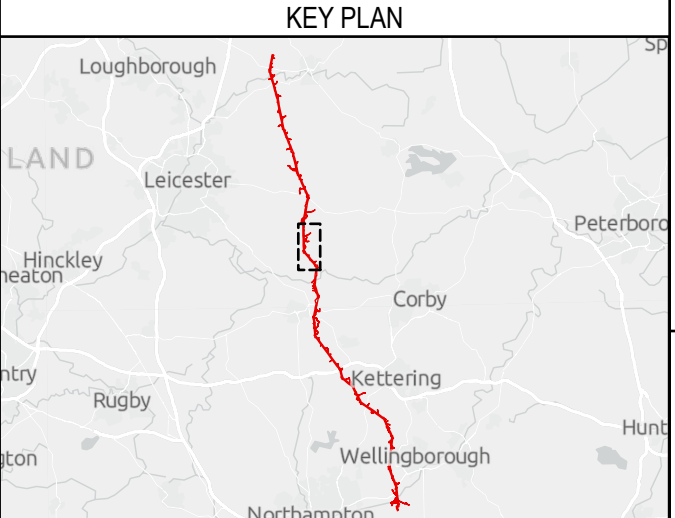
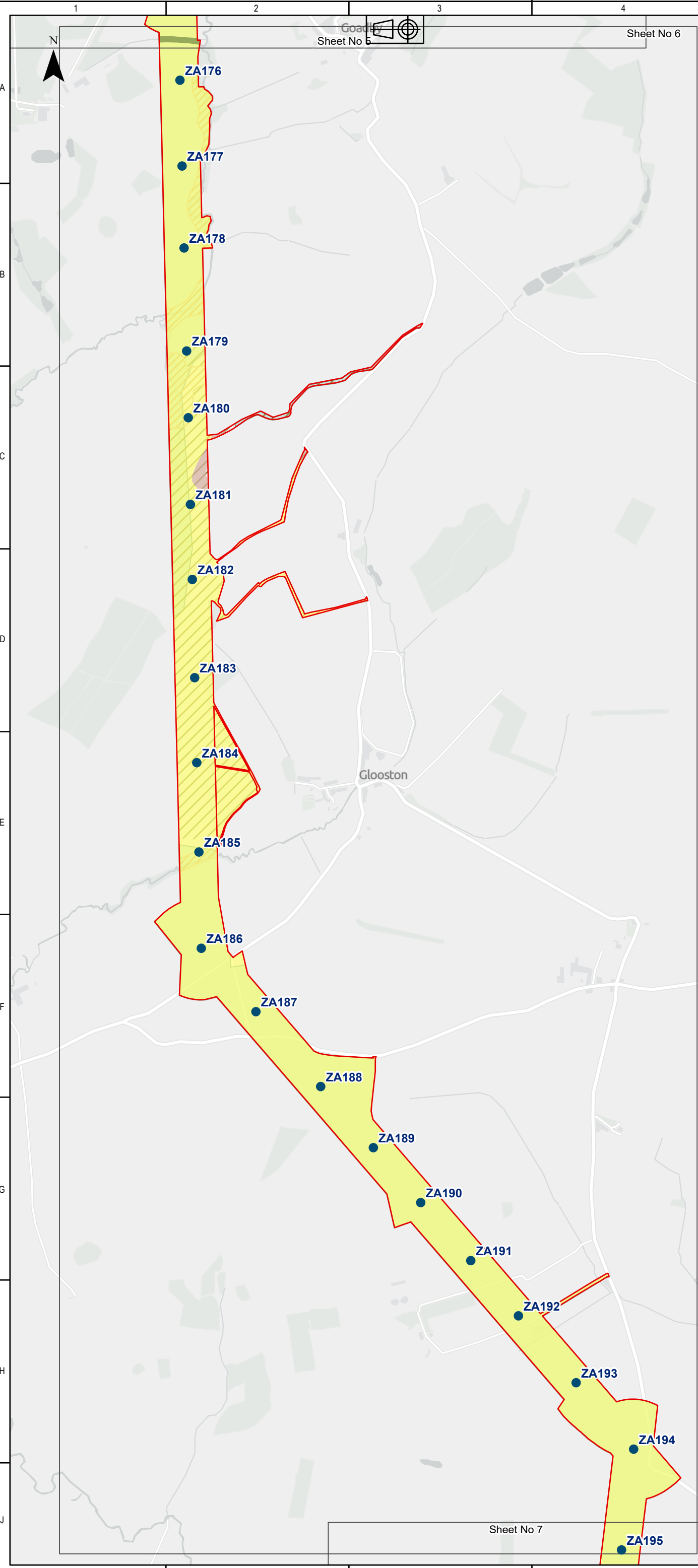
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Site
Weston Marsh to East Leicestershire

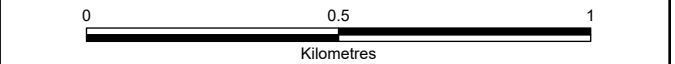
Title
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Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 6-5
Hydrogeology - Aquifers

Purpose of issue For Information				Status S3
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Reviewed M.BLAKEY	Approved J.CHASTNEY	Date 22/06/2026	Scale 1:15,000	Size A3



- Legend
- DF2 Rev B Boundary - Reconductoring Area
 - Towers
 - Secondary A Bedrock Aquifer
 - Secondary A Superficial Aquifer
 - Secondary Superficial Aquifer Undifferentiated
 - Secondary B Superficial Aquifer
 - Secondary Bedrock Aquifer Undifferentiated
 - WFD Groundwater Bodies

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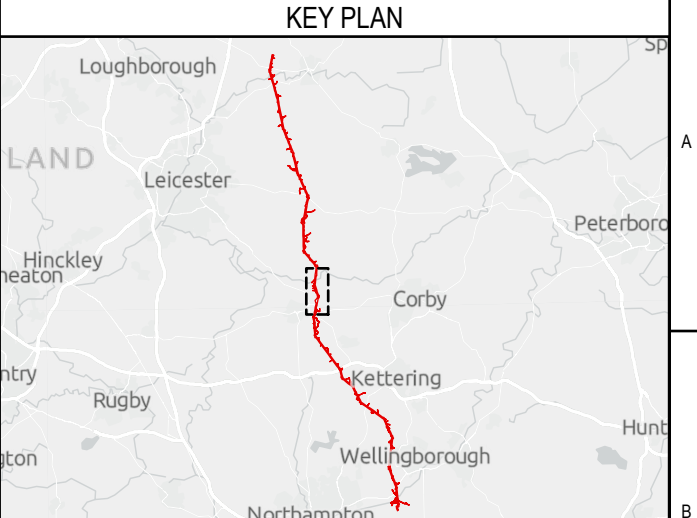
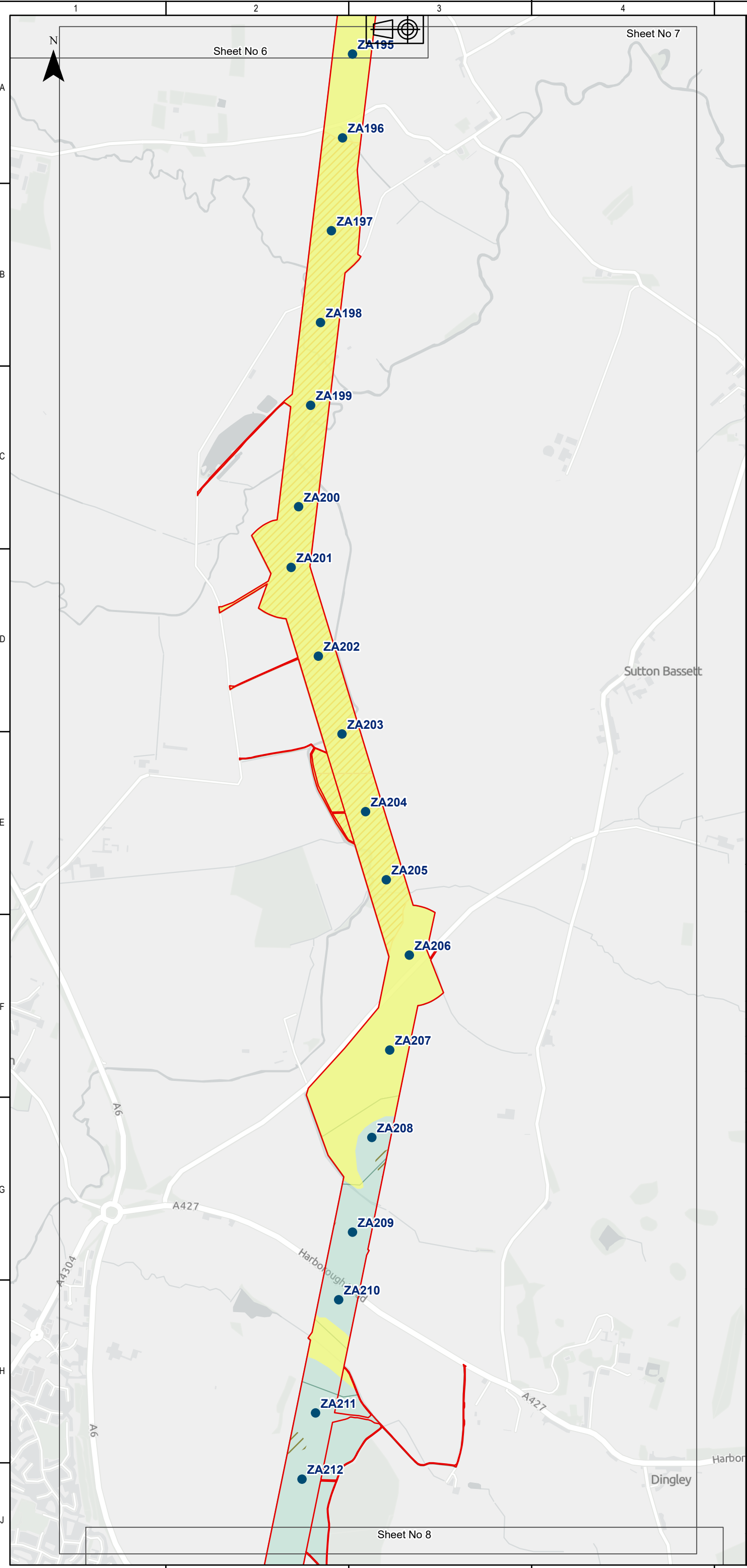
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Site
Weston Marsh to East Leicestershire

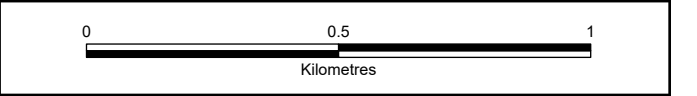
Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 6-6
Hydrogeology - Aquifers

Purpose of issue For Information				Status S3
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- Legend
- DF2 Rev B Boundary - Reconductoring Area
 - Towers
 - Secondary A Superficial Aquifer
 - Secondary Superficial Aquifer Undifferentiated
 - Secondary Bedrock Aquifer Undifferentiated
 - WFD Groundwater Bodies

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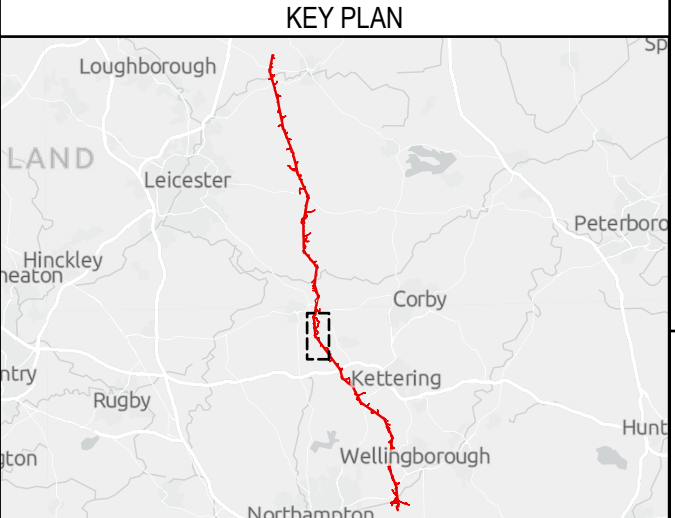
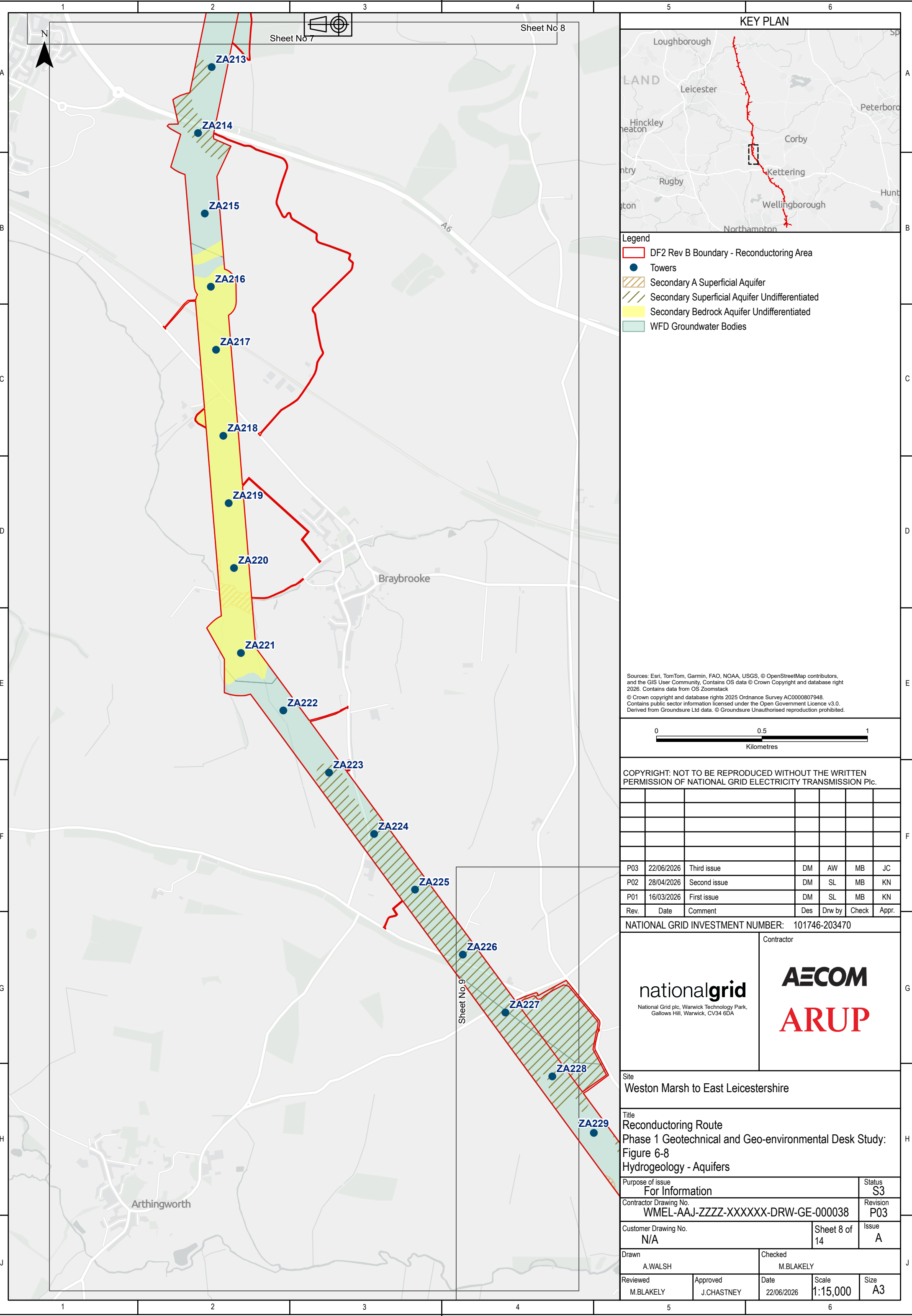
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Site
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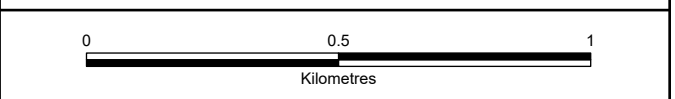
Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 6-7
Hydrogeology - Aquifers

Purpose of issue For Information				Status S3
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- Legend
- DF2 Rev B Boundary - Reconductoring Area
 - Towers
 - Secondary A Superficial Aquifer
 - Secondary Superficial Aquifer Undifferentiated
 - Secondary Bedrock Aquifer Undifferentiated
 - WFD Groundwater Bodies

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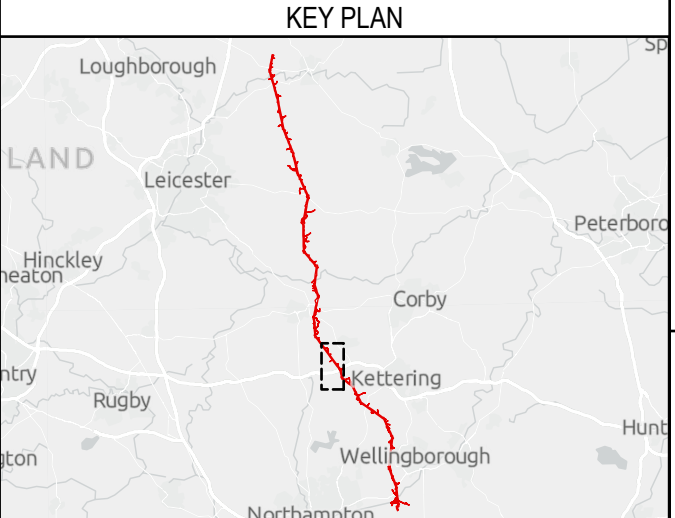
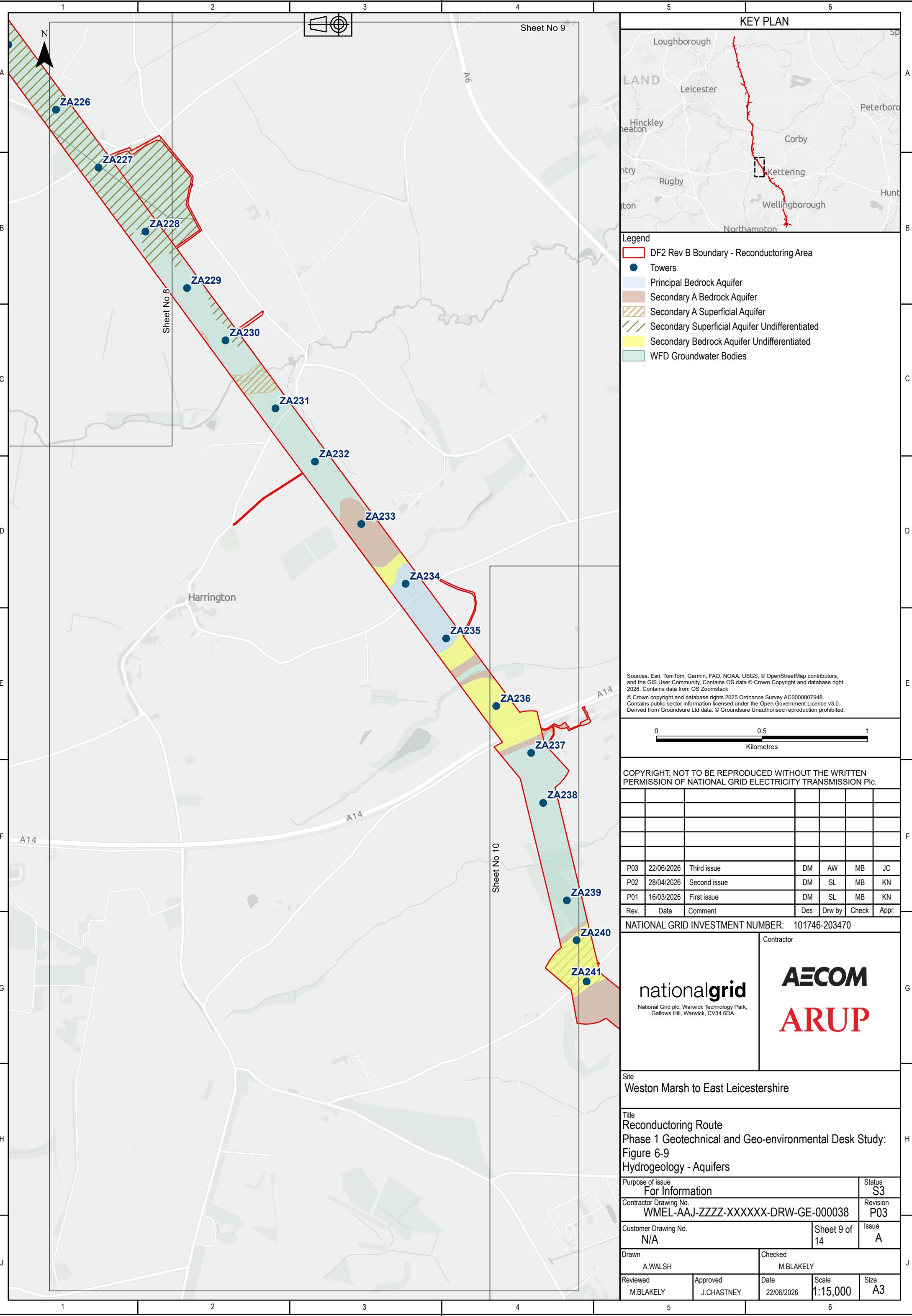
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Site
Weston Marsh to East Leicestershire

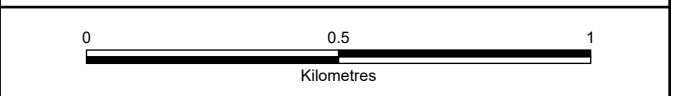
Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 6-8
Hydrogeology - Aquifers

Purpose of issue For Information				Status S3
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- Legend
- DF2 Rev B Boundary - Reconductoring Area
 - Towers
 - Principal Bedrock Aquifer
 - Secondary A Bedrock Aquifer
 - Secondary A Superficial Aquifer
 - Secondary Superficial Aquifer Undifferentiated
 - Secondary Bedrock Aquifer Undifferentiated
 - WFD Groundwater Bodies

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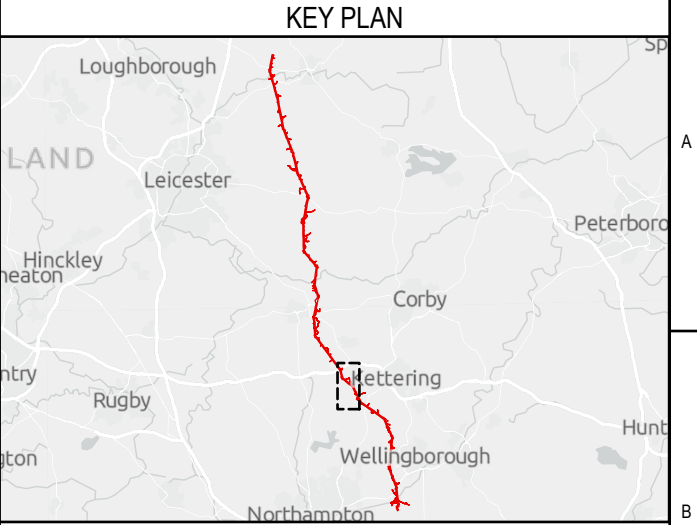
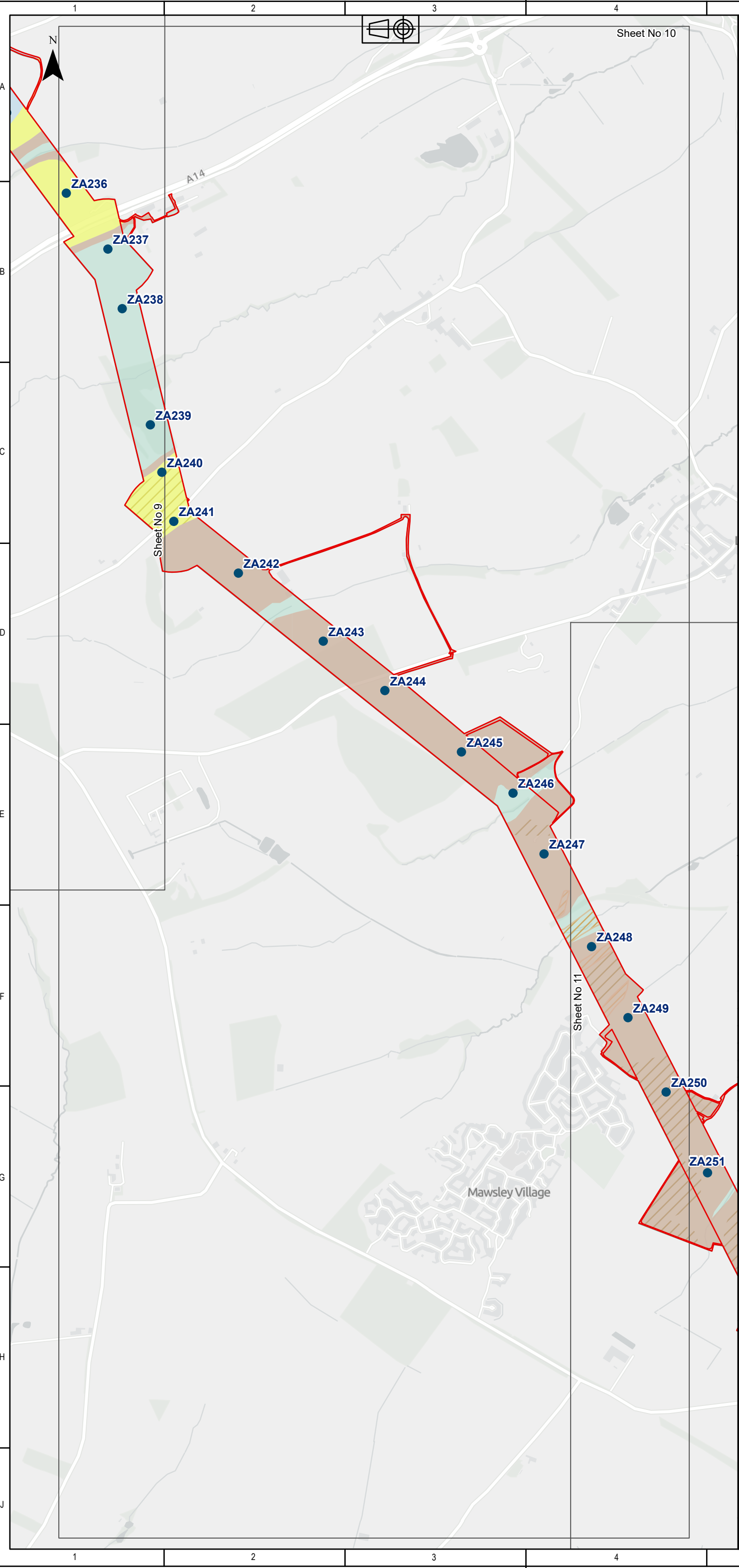
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Contractor

Site
Weston Marsh to East Leicestershire

Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 6-9
Hydrogeology - Aquifers

Purpose of issue For Information				Status S3
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Reviewed M.BLAKEY	Approved J.CHASTNEY	Date 22/06/2026	Scale 1:15,000	Size A3



Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Principal Bedrock Aquifer
- Secondary A Bedrock Aquifer
- Secondary A Superficial Aquifer
- Secondary Superficial Aquifer Undifferentiated
- Secondary Bedrock Aquifer Undifferentiated
- WFD Groundwater Bodies

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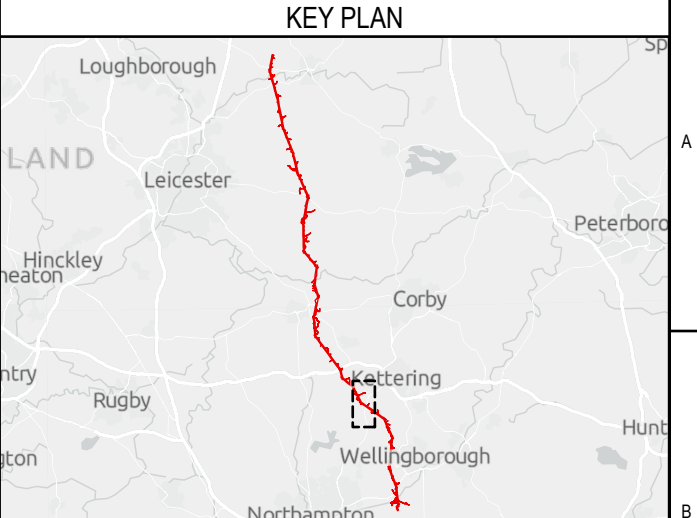
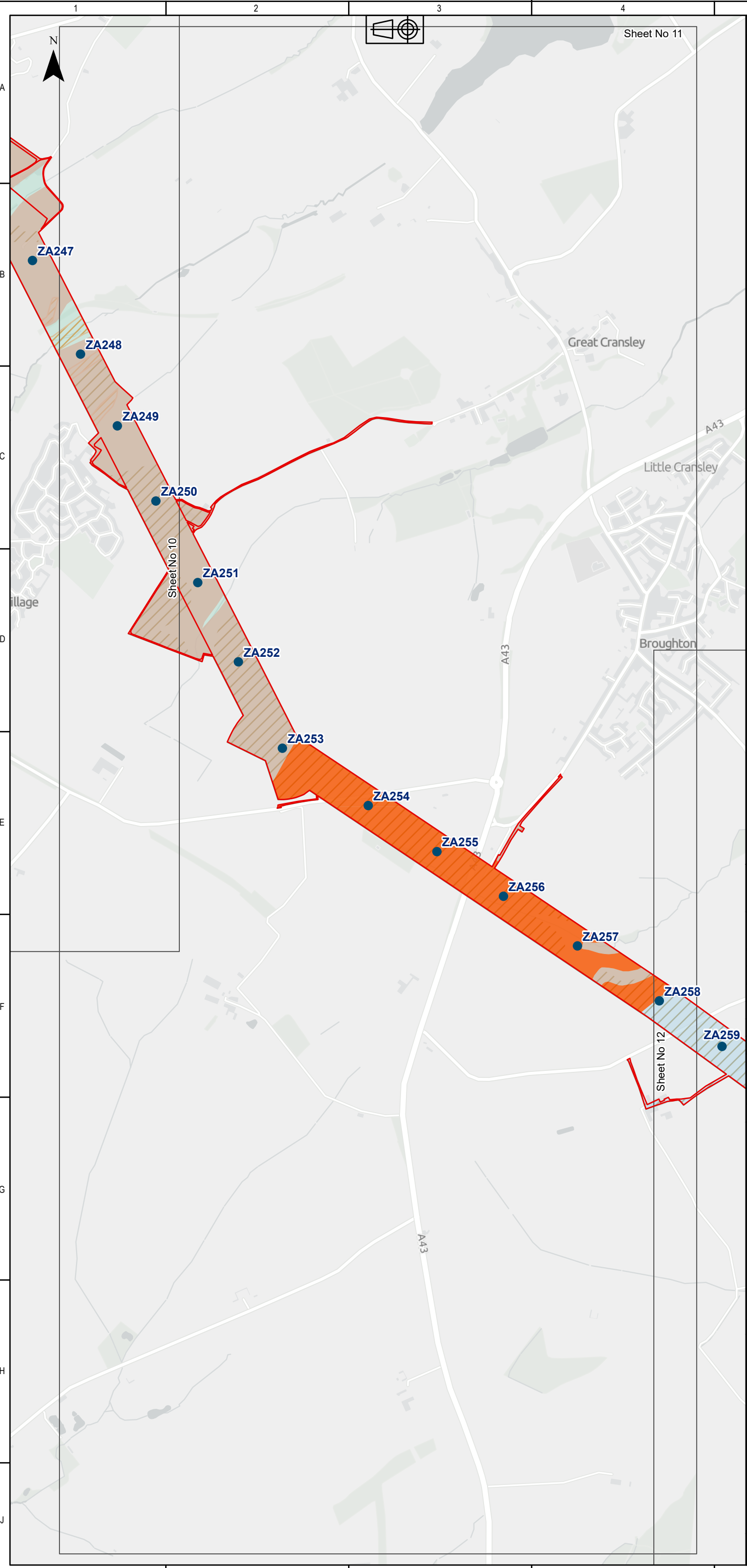
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			AECOM ARUP			
Site Weston Marsh to East Leicestershire						
Title Reconductoring Route Phase 1 Geotechnical and Geo-environmental Desk Study: Figure 6-10 Hydrogeology - Aquifers						
Purpose of issue For Information					Status S3	
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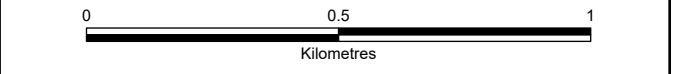
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- Legend
- DF2 Rev B Boundary - Reconductoring Area
 - Towers
 - Principal Bedrock Aquifer
 - Secondary A Bedrock Aquifer
 - Secondary A Superficial Aquifer
 - Secondary Superficial Aquifer Undifferentiated
 - Secondary B Bedrock Aquifer
 - WFD Groundwater Bodies

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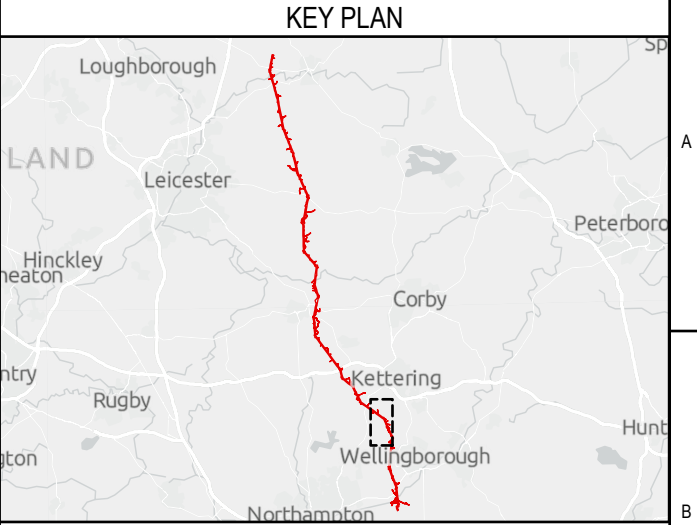
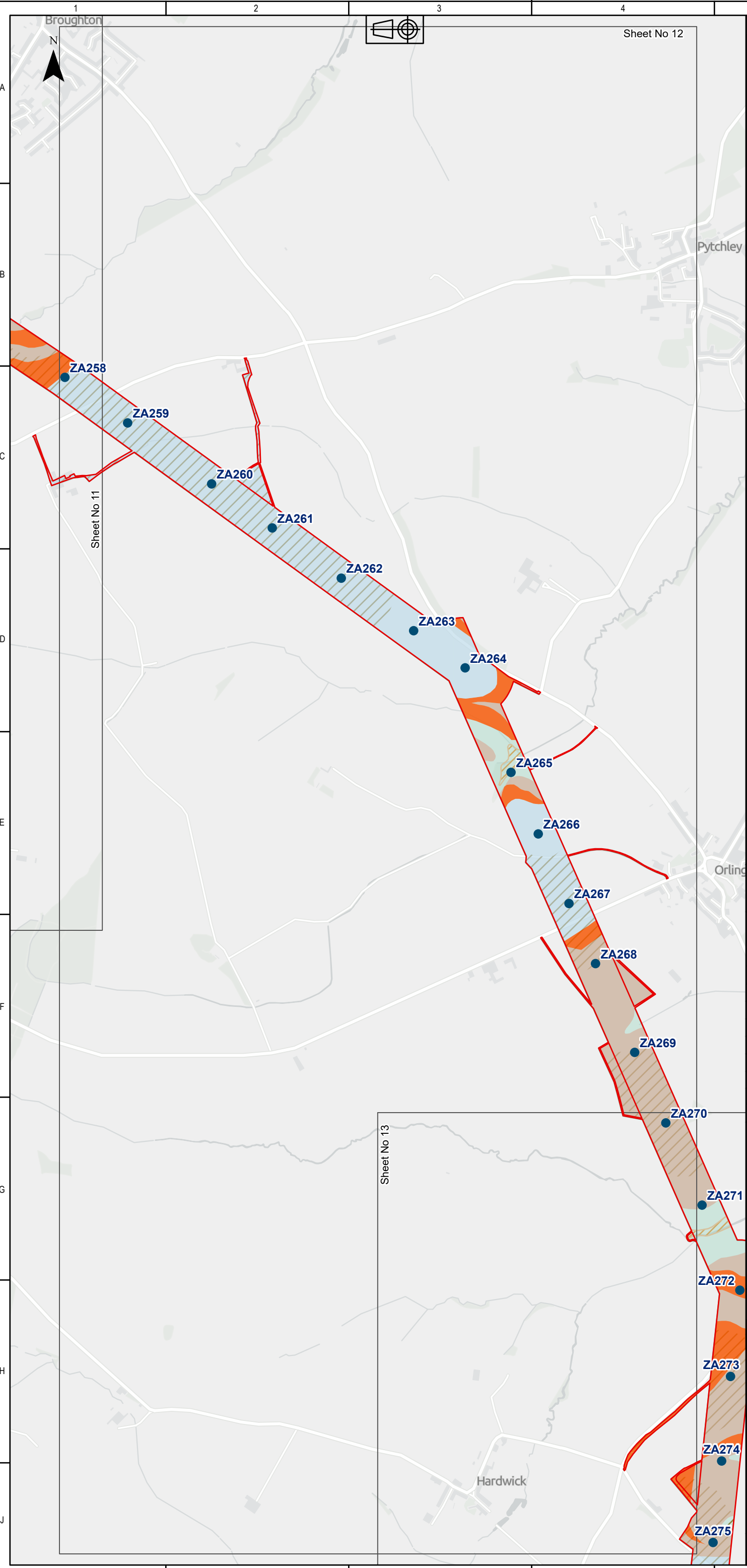
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Gallows Hill, Warwick, CV34 6DA.

Contractor

Site
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Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 6-11
Hydrogeology - Aquifers

Purpose of issue For Information				Status S3	
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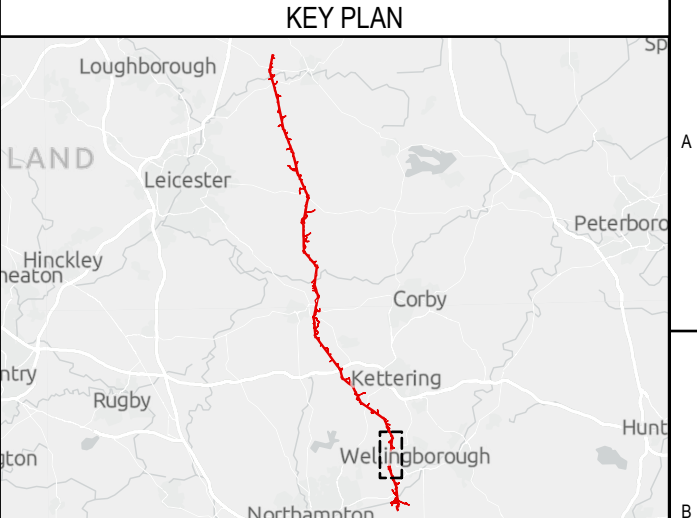
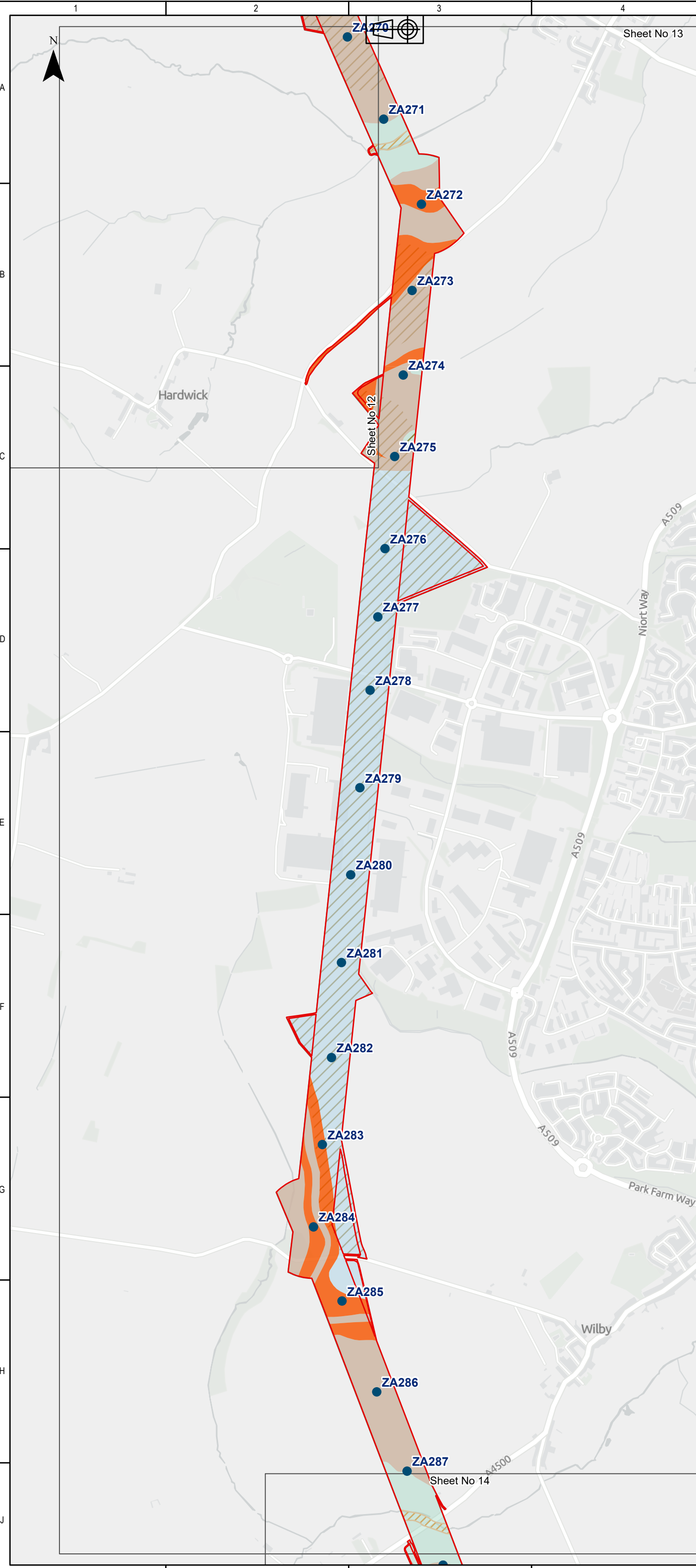
Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Principal Bedrock Aquifer
- Secondary A Bedrock Aquifer
- Secondary A Superficial Aquifer
- Secondary Superficial Aquifer Undifferentiated
- Secondary B Bedrock Aquifer
- WFD Groundwater Bodies

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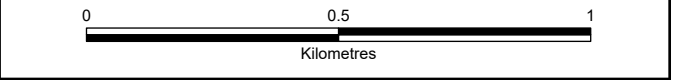
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nationalgrid National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA			Contractor			
			AECOM ARUP			
Site Weston Marsh to East Leicestershire						
Title Reconductoring Route Phase 1 Geotechnical and Geo-environmental Desk Study: Figure 6-12 Hydrogeology - Aquifers						
Purpose of issue For Information					Status S3	
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Legend

- DF2 Rev B Boundary - Reconductoring Area
- Towers
- Principal Bedrock Aquifer
- Secondary A Bedrock Aquifer
- Secondary A Superficial Aquifer
- Secondary Superficial Aquifer Undifferentiated
- Secondary B Bedrock Aquifer
- WFD Groundwater Bodies

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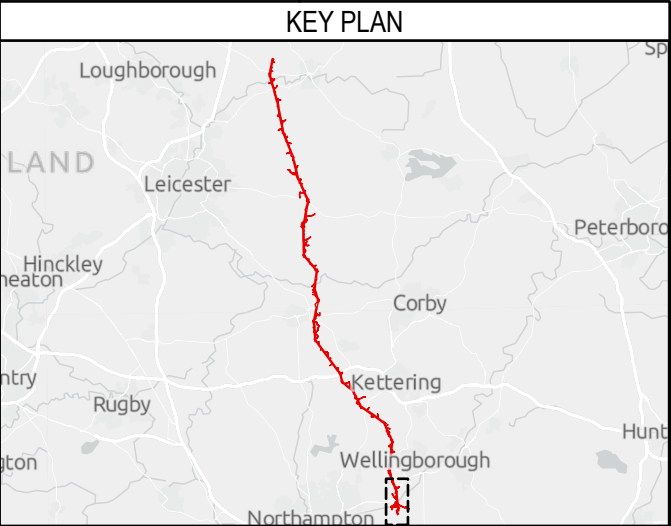
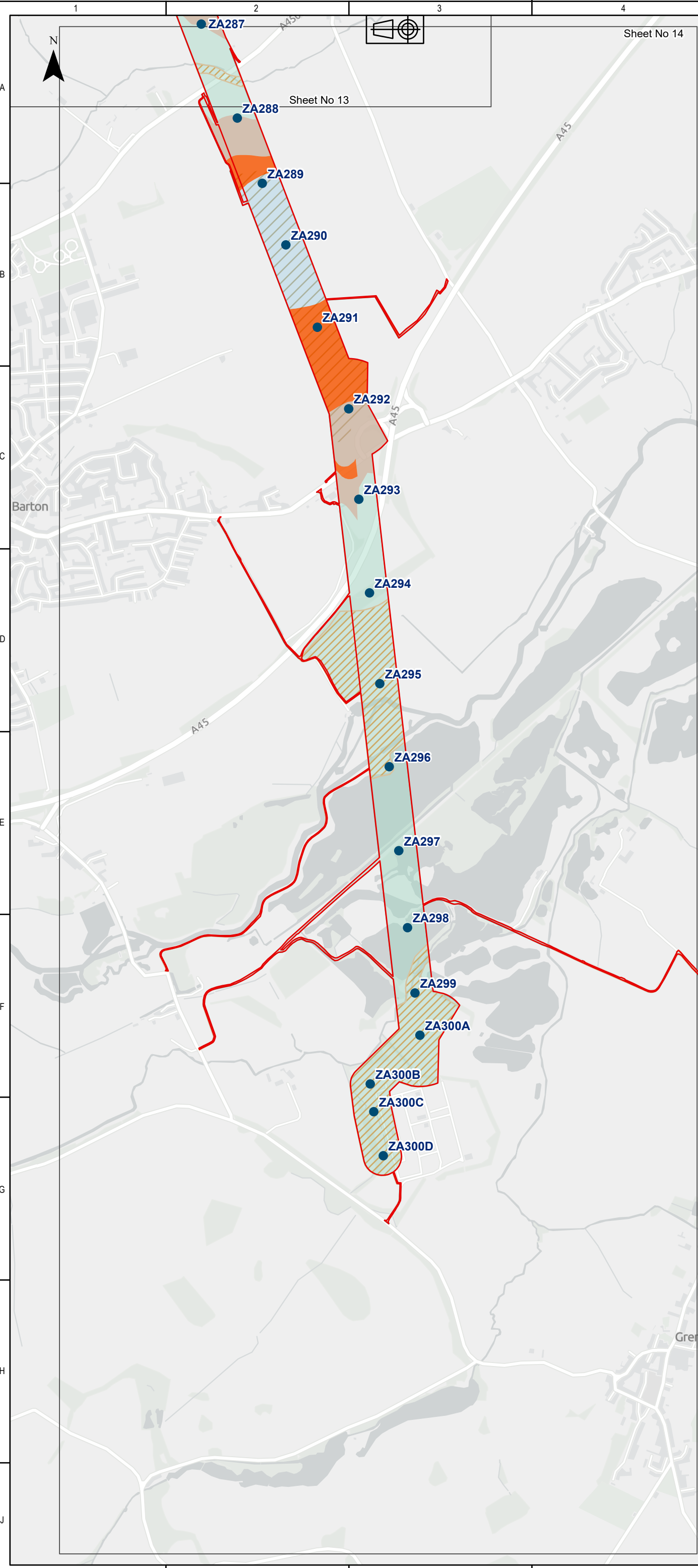
National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA.

Contractor

Site
Weston Marsh to East Leicestershire

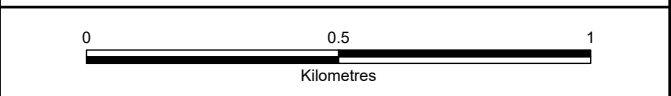
Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 6-13
Hydrogeology - Aquifers

Purpose of issue For Information				Status S3
Contractor Drawing No. WMEL-AAJ-ZZZZ-XXXXXX-DRW-GE-000038				Revision P03
Customer Drawing No. N/A			Sheet 13 of 14	Issue A
Drawn A.WALSH		Checked M.BLAKEY		
Reviewed M.BLAKEY	Approved J.CHASTNEY	Date 22/06/2026	Scale 1:15,000	Size A3



- Legend
- DF2 Rev B Boundary - Reconductoring Area
 - Towers
 - Principal Bedrock Aquifer
 - Secondary A Bedrock Aquifer
 - Secondary A Superficial Aquifer
 - Secondary Superficial Aquifer Undifferentiated
 - Secondary B Bedrock Aquifer
 - WFD Groundwater Bodies

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P03	22/06/2026	Third issue	DM	AW	MB	JC
P02	28/04/2026	Second issue	DM	SL	MB	KN
P01	16/03/2026	First issue	DM	SL	MB	KN
Rev.	Date	Comment	Des	Drw by	Check	Appr.

NATIONAL GRID INVESTMENT NUMBER: 101746-203470

National Grid plc, Warwick Technology Park,
Gallows Hill, Warwick, CV34 6DA.

Contractor

Site
Weston Marsh to East Leicestershire

Title
Reconductoring Route
Phase 1 Geotechnical and Geo-environmental Desk Study:
Figure 6-14
Hydrogeology - Aquifers

Purpose of issue For Information				Status S3
Contractor Drawing No. WMEL-AAJ-ZZZZ-XXXXXX-DRW-GE-000038				Revision P03
Customer Drawing No. N/A			Sheet 14 of 14	Issue A
Drawn A.WALSH		Checked M.BLAKEY		
Reviewed M.BLAKEY	Approved J.CHASTNEY	Date 22/06/2026	Scale 1:15,000	Size A3

National Grid plc
National Grid House,
Warwick Technology Park,
Gallows Hill, Warwick.
CV34 6DA United Kingdom

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