

AENC-LSTC-ENG-DWG-0005

Norwich to Tilbury

Volume 2: Plans, Drawings and Sections

Document: 2.7 Elevation Drawings - Overhead Line Profiles - Part 1

Final Issue A

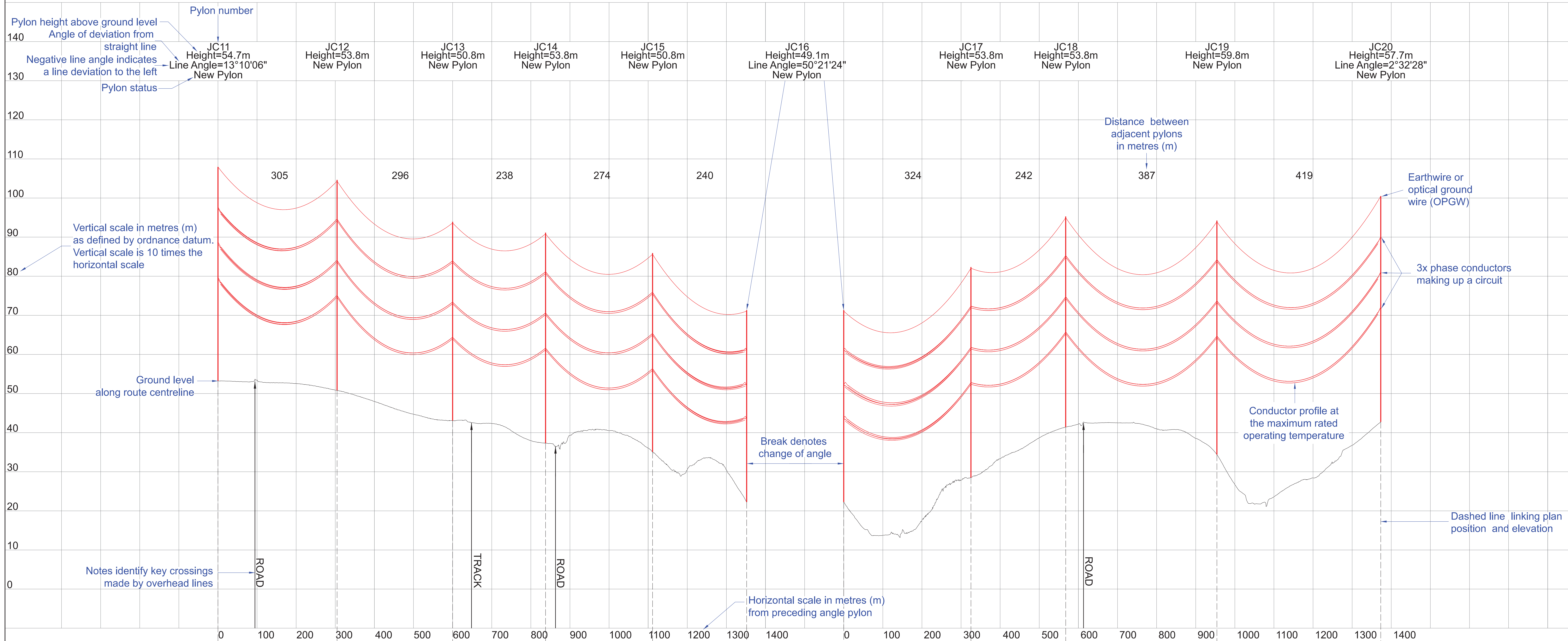
August 2025

Planning Inspectorate Reference: EN020027

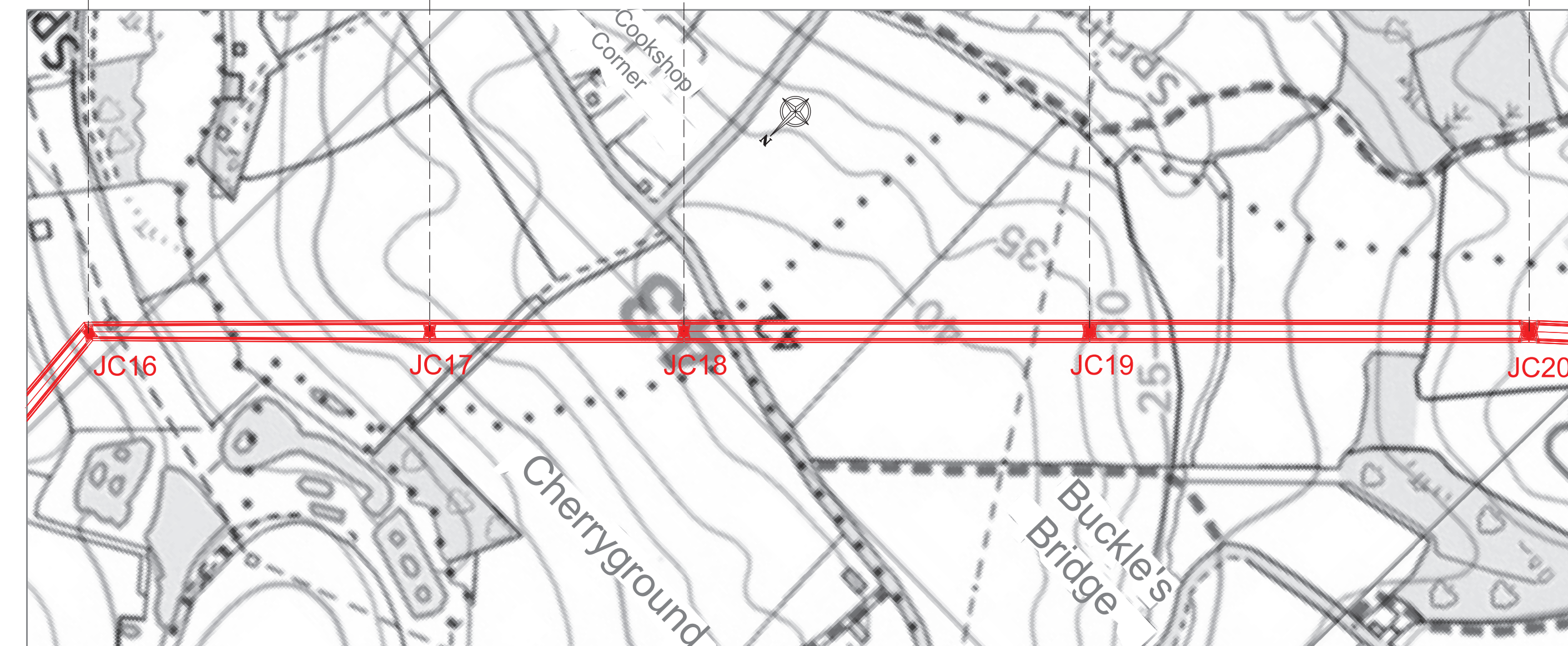
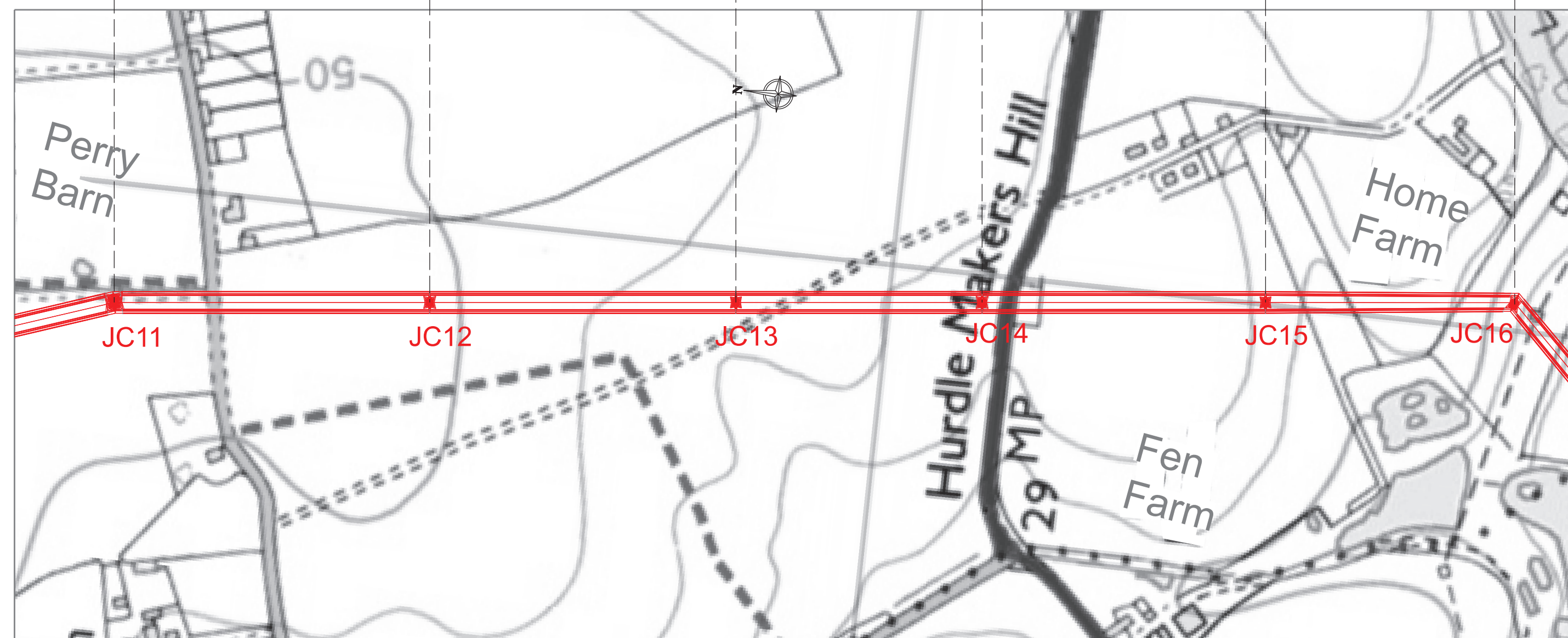
Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 Regulation 5(2)(o)

nationalgrid

EXPLANATORY SHEET



Profile above relates only to the labelled route in red (eg. JC)



Arrow shows north direction

OS map plan view with overhead line (OHL) route and pylon positions superimposed

Mapping sections are orientated so that the overhead line (OHL) section shown is horizontal

- ## Notes
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A	AUG-2025	For DCO submission	FE	BK	KR
Issue	Date	Remarks	Drawn	Checked	Approved

Title

THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
EXPLANATORY OVERHEAD LINE PROFILE
REGULATION 5(2)(o)
SHEET 1 OF 1

nationalgrid

PINS Application Number

EN020027
National Grid Drawing Reference
AENC-LSTC-ENG-DWG-0005-1

Scale H _z = 1:4000 V _{er} = 1:400	Sheet Size A0	Sheet SHEET 1 OF 1	Issue A
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THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE RG ROUTE
REGULATION 5(2)(o)
SECTION A, SHEET 1 OF 24
SOUTH NORFOLK COUNCIL

Application Document 2.7

Legend

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RG1
Height=15m
New Full Line
Tension Gantry

RG3
Height=45.7m
Line Angle=12°59'00"
New Pylon

RG2
Height=15m
New Full Line
Tension Gantry

RG3
Height=45.7m
Line Angle=-12°48'52"
New Pylon

RG4
Height=44.8m
New Pylon

RG5
Height=43.1m
Line Angle=-38°26'19"
New Pylon

RG6
Height=44.8m
New Pylon

RG7
Height=55.1m
Line Angle=36°11'09"
New Pylon

RG8
Height=54.7m
Line Angle=28°51'56"
New Pylon

RG9
Height=50.8m
New Pylon

RG10
Height=46.1m
Line Angle=-43°04'47"
New Pylon

Notes

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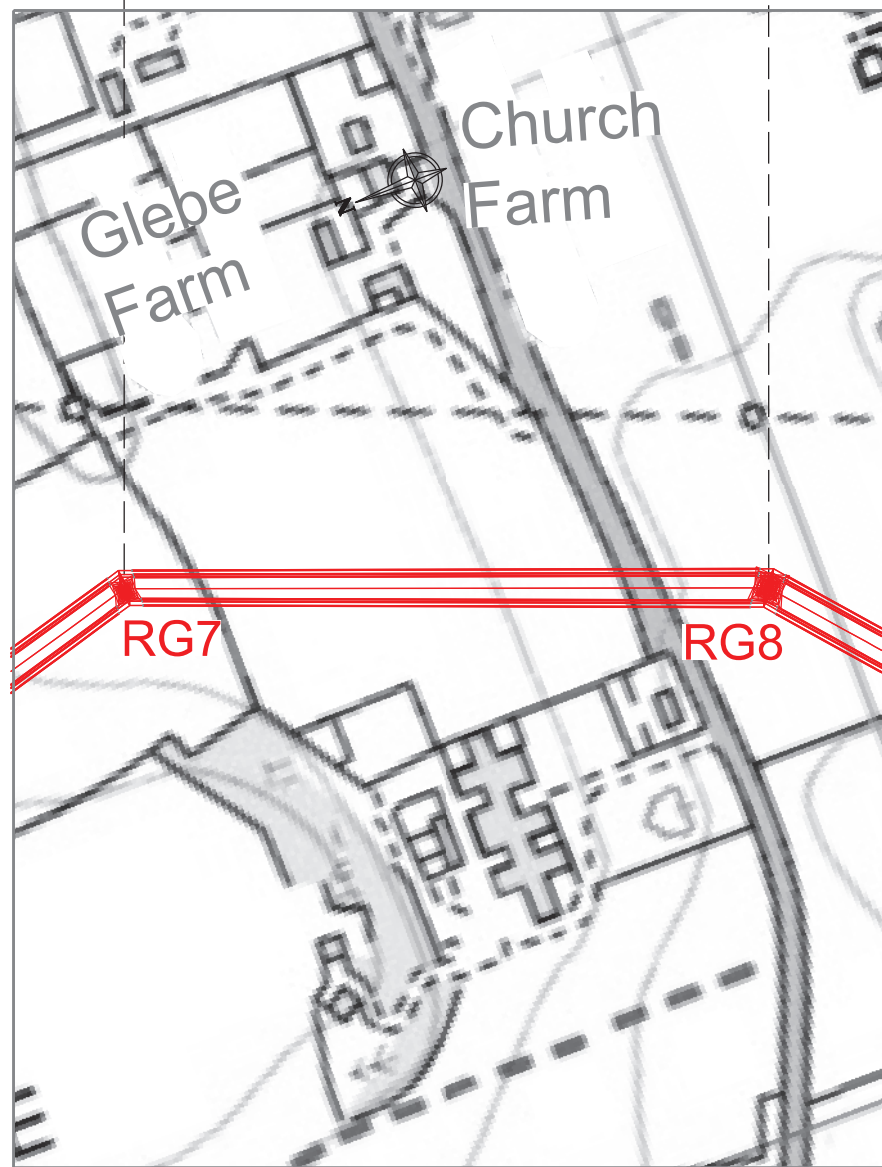
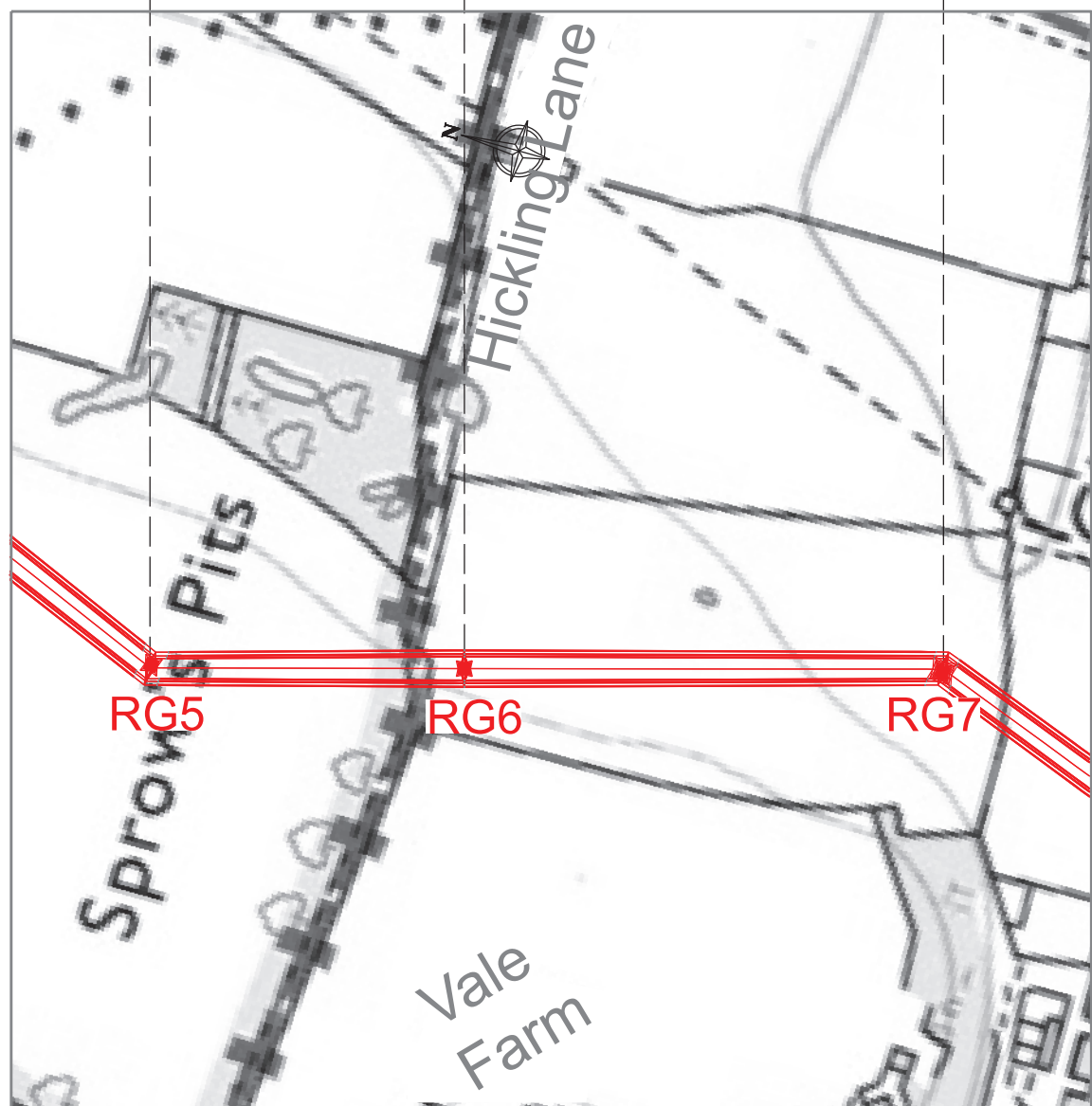
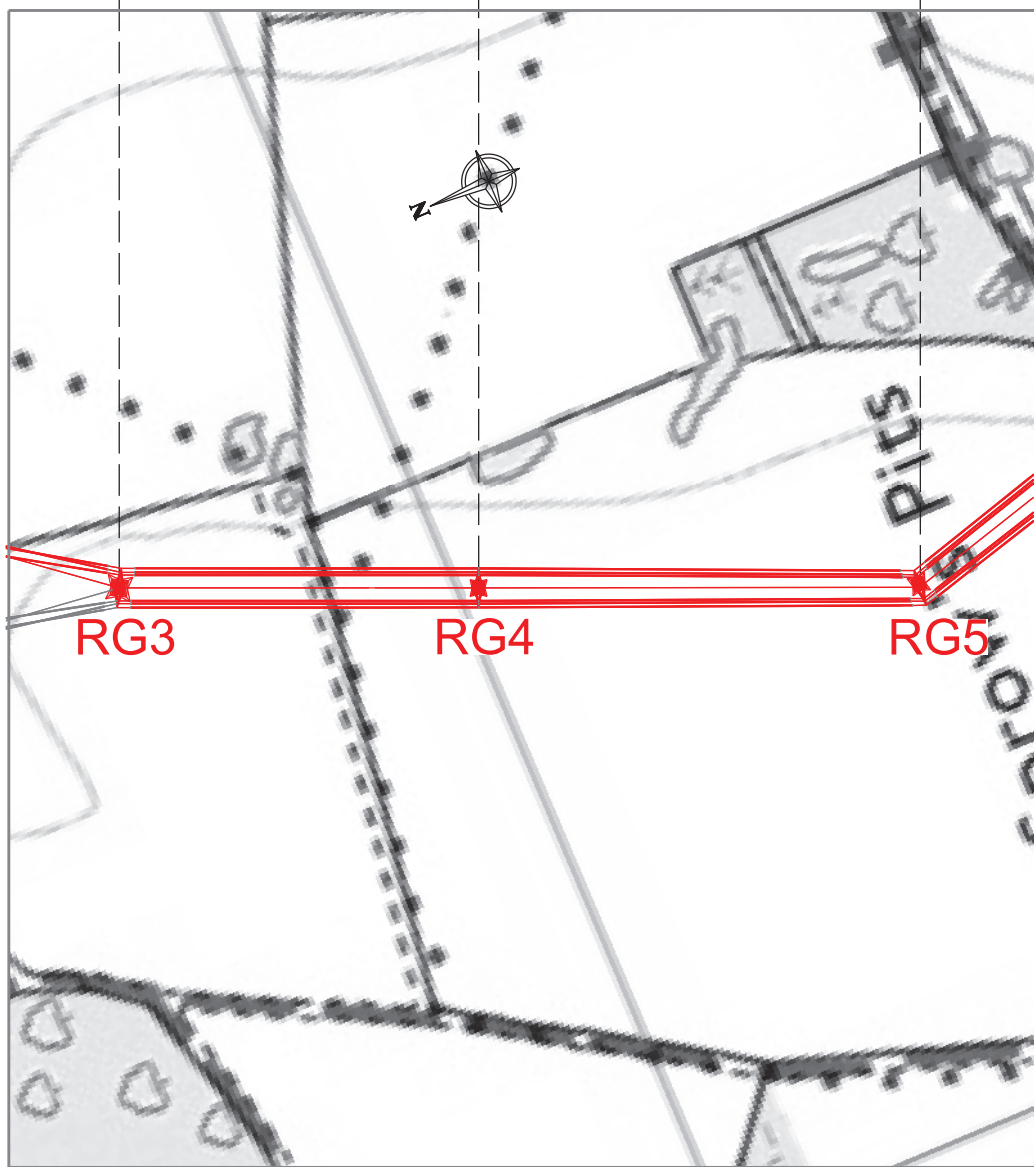
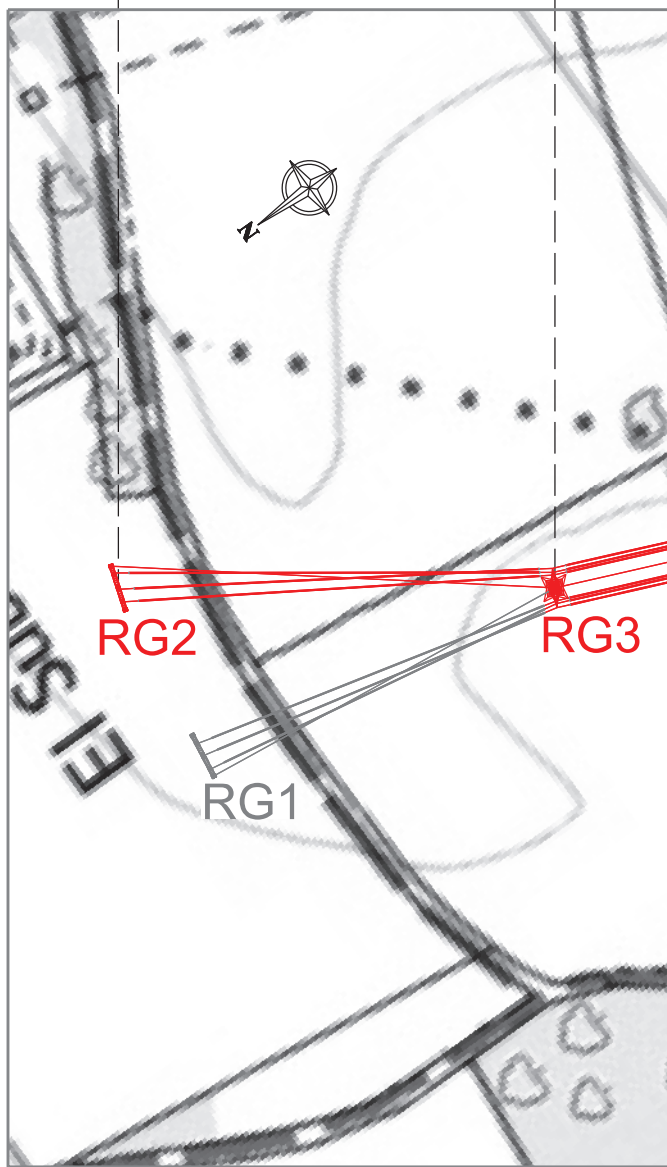
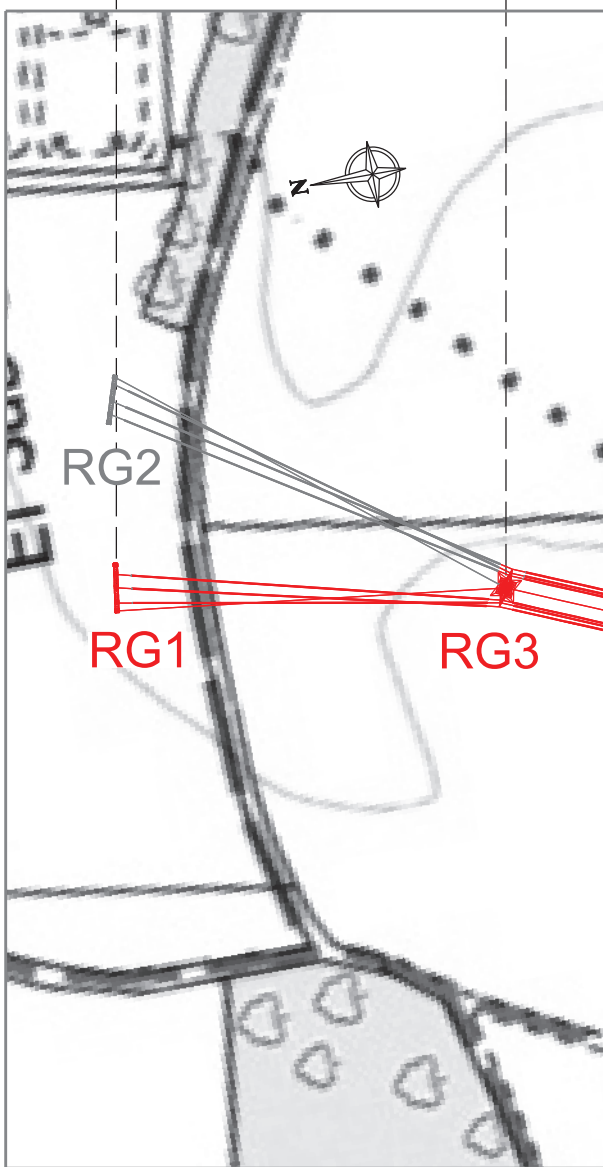
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Title

THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE
RG ROUTE
REGULATION 5(2)(o)
SECTION A, SHEET 1 OF 24
SOUTH NORFOLK COUNCIL

nationalgrid

PINS Application Number			
EN020027			
National Grid Drawing Reference			
AENC-LSTC-ENG-DWG-0005-2			
Scale	Sheet Size	Sheet	Issue
Hz = 1:4000 Vert = 1:400	A0	SHEET 1 OF 24	A

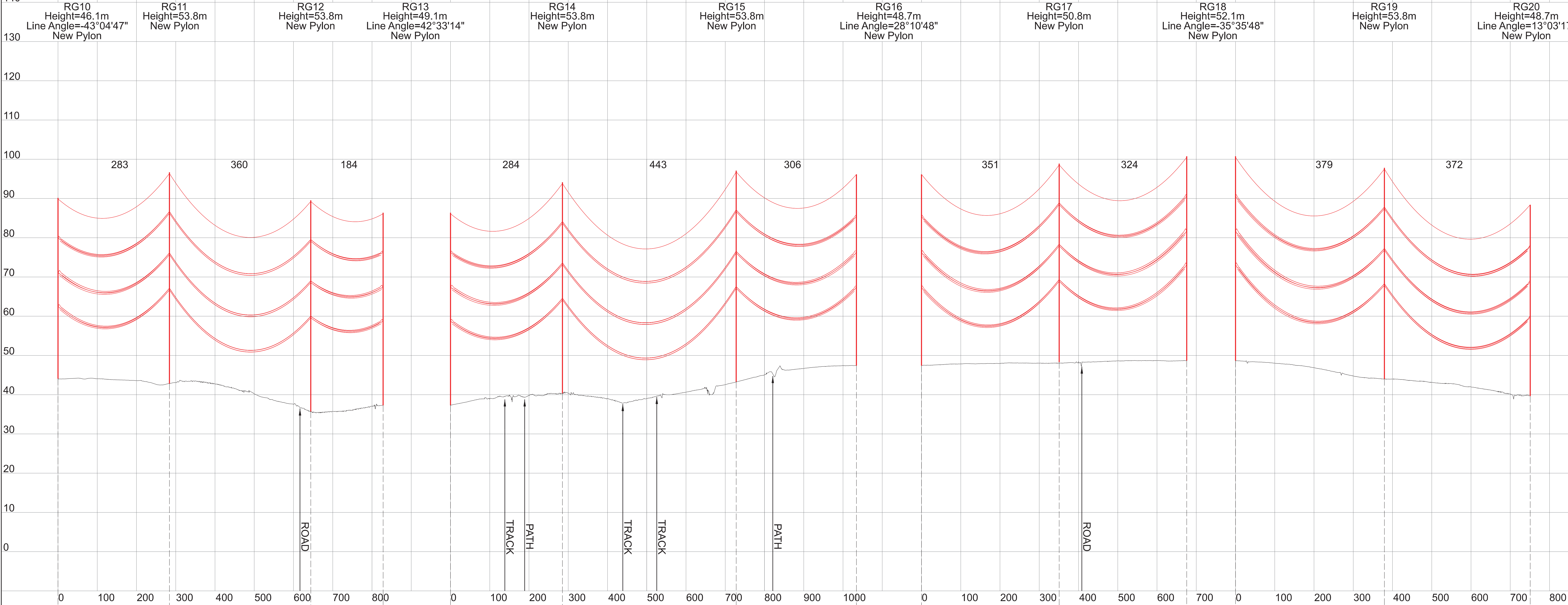
THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE RG ROUTE
REGULATION 5(2)(o)
SECTION A, SHEET 2 OF 24
SOUTH NORFOLK COUNCIL

Application Document 2.7

Legend

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REGULATION 5(2)(o)
SECTION A, SHEET 2 OF 24
SOUTH NORFOLK COUNCIL

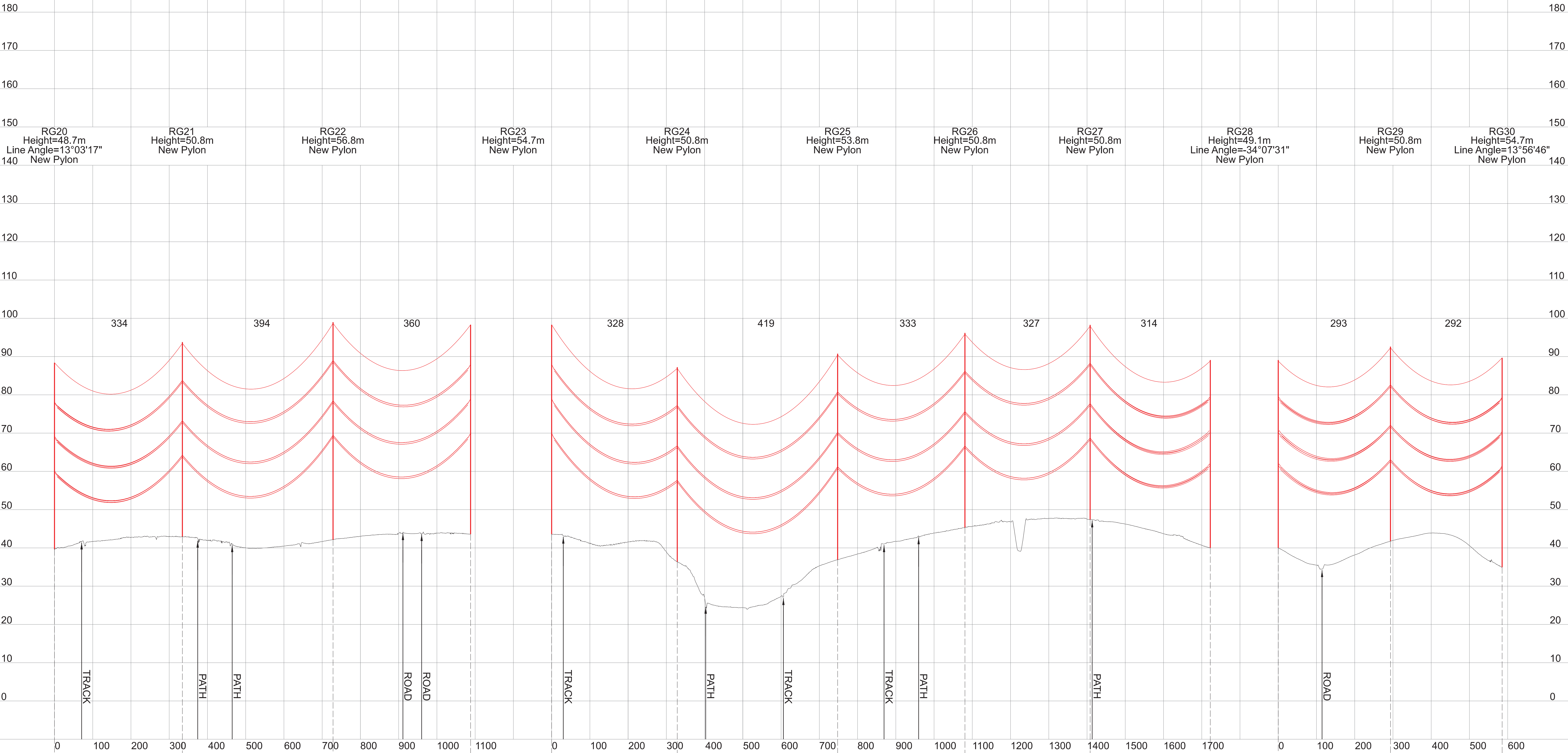
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Scale	Sheet Size	Sheet	Issue
Hz = 1:4000 Vert = 1:400	A0	SHEET 2 OF 24	A

THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE RG ROUTE
REGULATION 5(2)(o)
SECTION A, SHEET 3 OF 24
SOUTH NORFOLK COUNCIL

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Legend



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RG ROUTE
REGULATION 5(2)(o)
SECTION A, SHEET 3 OF 24
SOUTH NORFOLK COUNCIL

nationalgrid

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AENC-LSTC-ENG-DWG-0005-2			
Scale	Sheet Size	Sheet	Issue
Hz = 1:4000 Vert = 1:400	A0	SHEET 3 OF 24	A

THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE RG ROUTE
REGULATION 5(2)(o)
SECTION A, SHEET 4 OF 24
SOUTH NORFOLK COUNCIL

Application Document 2.7

Legend

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RG30
Height=54.7m
Line Angle=13°56'46"
New Pylon

RG31
Height=53.8m
New Pylon

RG32
Height=56.8m
New Pylon

RG33
Height=54.7m
Line Angle=-25°59'02"
New Pylon

RG34
Height=50.8m
New Pylon

RG35
Height=50.8m
New Pylon

RG36
Height=53.8m
New Pylon

RG37
Height=53.8m
New Pylon

RG38
Height=50.8m
New Pylon

RG39
Height=55.3m
Line Angle=62°49'57"
New Pylon

356

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ROAD

PATH

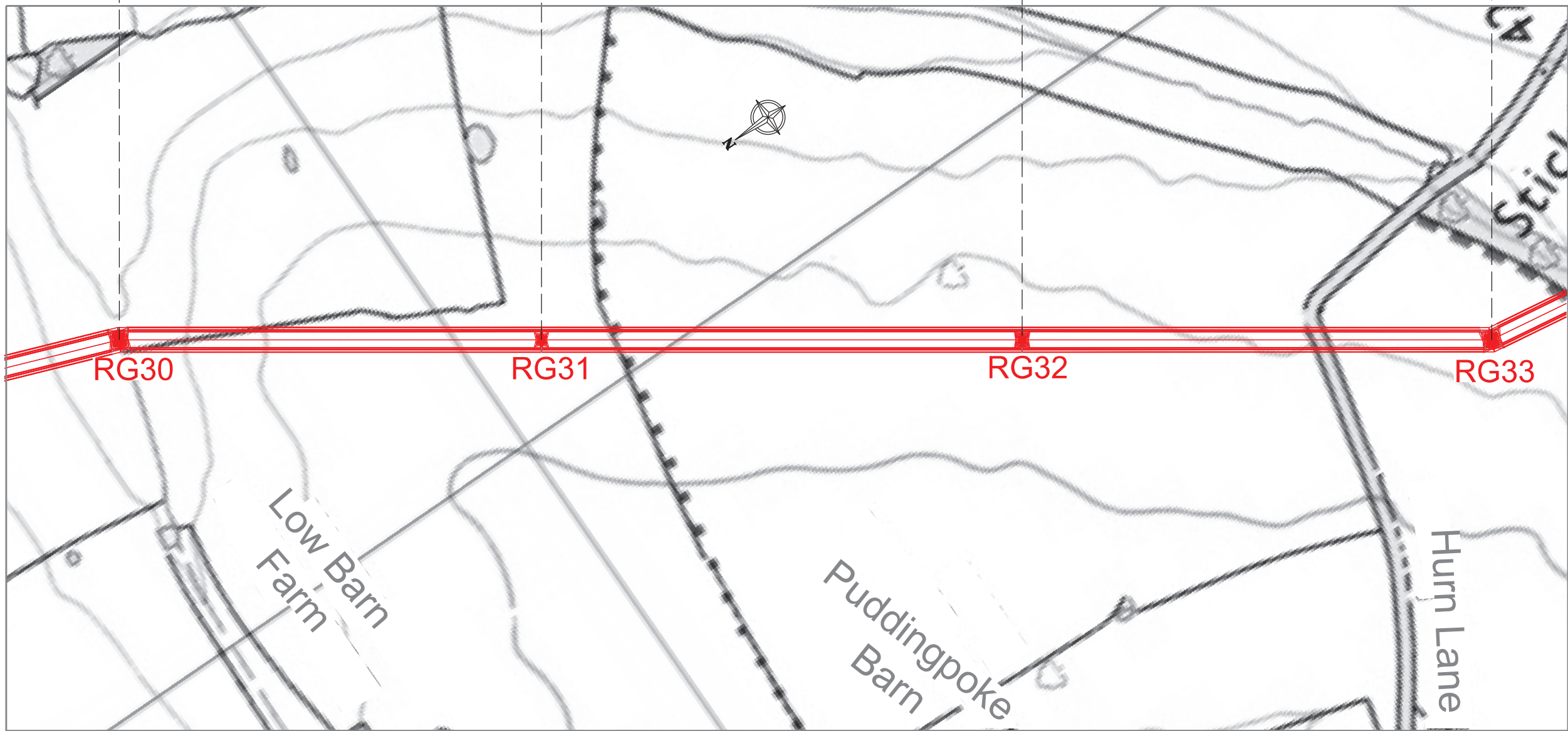
PATH

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REGULATION 5(2)(o)
SECTION A, SHEET 4 OF 24
SOUTH NORFOLK COUNCIL

nationalgrid

PINS Application Number

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National Grid Drawing Reference

AENC-LSTC-ENG-DWG-0005-2

Scale	Sheet Size	Sheet	Issue
Hz = 1:4000 Vert = 1:400	A0	SHEET 4 OF 24	A

THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE RG ROUTE
REGULATION 5(2)(o)
SECTION A, SHEET 5 OF 24
SOUTH NORFOLK COUNCIL

Application Document 2.7

Legend

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REGULATION 5(2)(o)
SECTION A, SHEET 5 OF 24
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nationalgrid

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AENC-LSTC-ENG-DWG-0005-2			
Scale	Sheet Size	Sheet	Issue
Hz = 1:4000 Vert = 1:400	A0	SHEET 5 OF 24	A

THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE RG ROUTE
REGULATION 5(2)(o)
SECTION A, SHEET 6 OF 24
SOUTH NORFOLK COUNCIL

Application Document 2.7

Legend

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REGULATION 5(2)(o)
SECTION A, SHEET 6 OF 24
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nationalgrid

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Scale Hz = 1:4000 Vert = 1:400	Sheet Size A0	Sheet SHEET 6 OF 24	Issue A

THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
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REGULATION 5(2)(o)
SECTION A, SHEET 7 OF 24
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Legend

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RG56
Height=48.7m
New Pylon

RG57
Height=53.8m
New Pylon

RG58
Height=53.8m
New Pylon

RG59
Height=47.8m
New Pylon

RG60
Height=53.8m
New Pylon

RG61
Height=48.7m
Line Angle=-19°11'33"
New Pylon

RG62
Height=50.8m
New Pylon

RG63
Height=50.8m
New Pylon

RG64
Height=50.8m
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RG65
Height=51.7m
New Pylon

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PATH

TRACK
ROAD

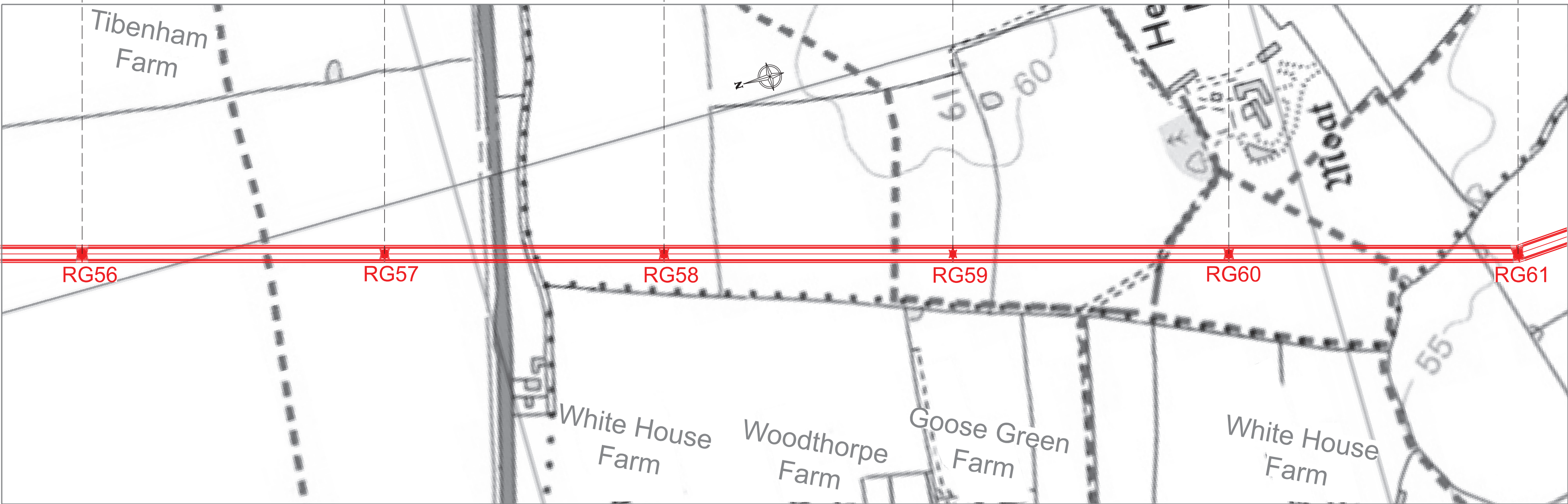
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SECTION A, SHEET 7 OF 24
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nationalgrid

PINS Application Number

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National Grid Drawing Reference

AENC-LSTC-ENG-DWG-0005-2

Scale	Sheet Size	Sheet	Issue
HZ = 1:4000 Vert = 1:400	A0	SHEET 7 OF 24	A

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SECTION A, SHEET 8 OF 24
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Legend

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Scale Hz = 1:4000 Vert = 1:400	Sheet Size A0	Sheet SHEET 8 OF 24	Issue A

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Application Document 2.7

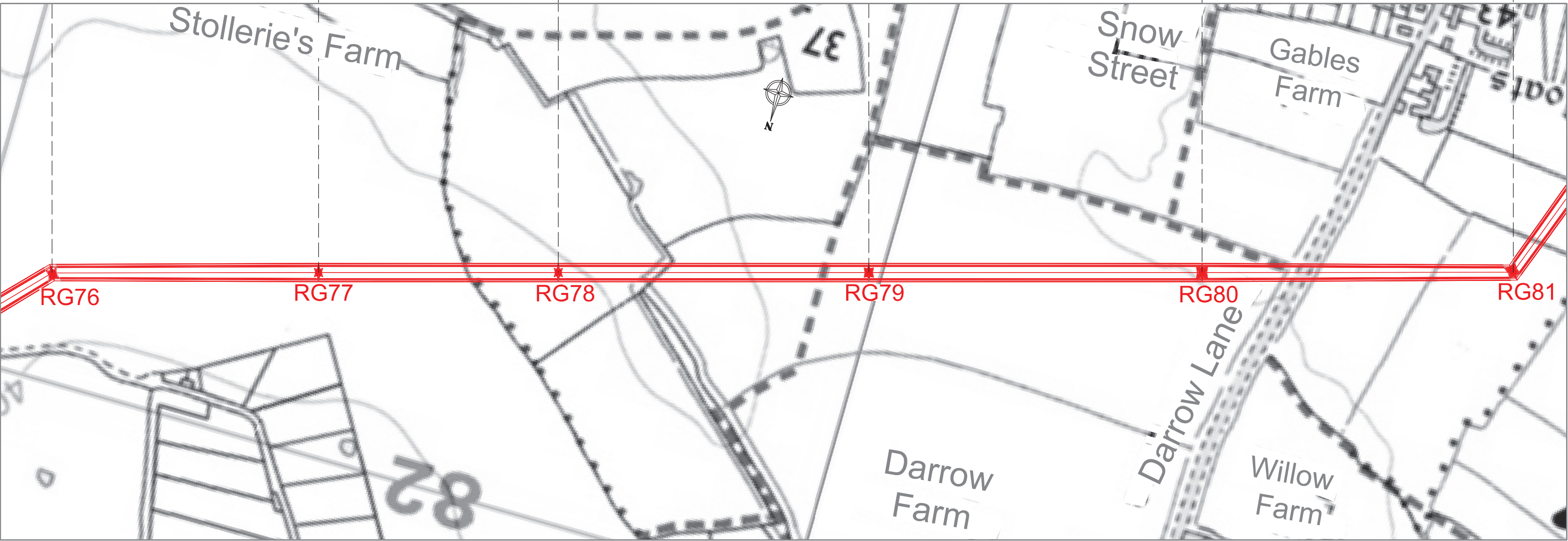
Legend

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7. The voltage of the overhead line shown is 400 kV.



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A	AUG-2025	For DCO submission	FE	BK	KR
Issue	Date	Remarks	Drawn	Checked	Approved

Title
THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE
RG ROUTE
REGULATION 5(2)(o)
SECTION A, SHEET 9 OF 24
SOUTH NORFOLK COUNCIL

nationalgrid

PINS Application Number EN020027			
National Grid Drawing Reference AENC-LSTC-ENG-DWG-0005-2			
Scale Hz = 1:4000 Vert = 1:400	Sheet Size A0	Sheet SHEET 9 OF 24	Issue A

THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE RG ROUTE
REGULATION 5(2)(o)
SECTION A, SHEET 10 OF 24
SOUTH NORFOLK COUNCIL

Application Document 2.7

Legend

180

170

160

150

140

130

120

110

100

90

80

70

60

50

40

30

20

10

0

180

170

160

150

140

130

120

110

100

90

80

70

60

50

40

30

20

10

0

RG81
Height=52.1m
Line Angle=-54°14'43"
New Pylon

RG82
Height=50.8m
New Pylon

RG83
Height=53.8m
New Pylon

RG84
Height=51.7m
Line Angle=-29°01'26"
New Pylon

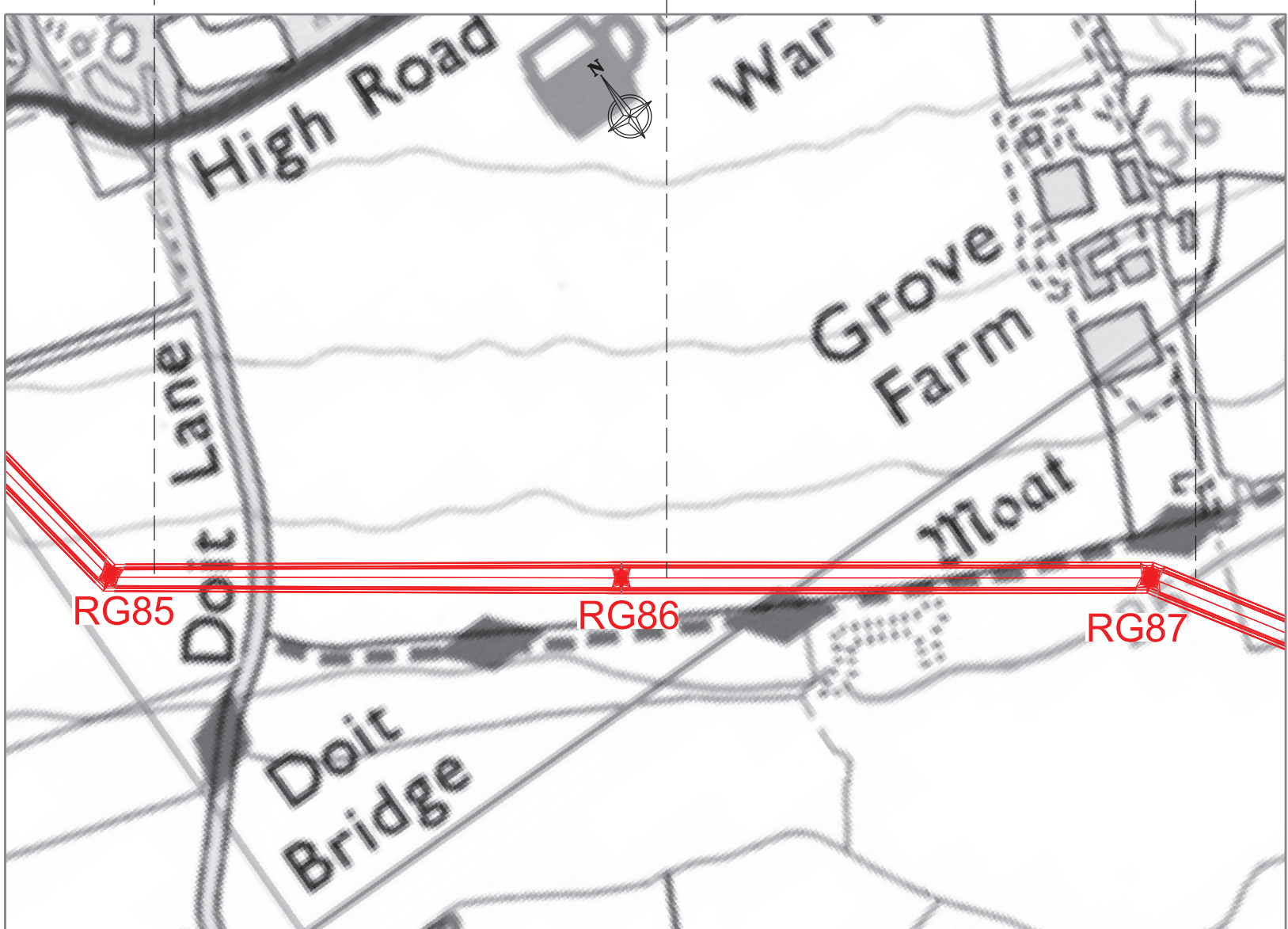
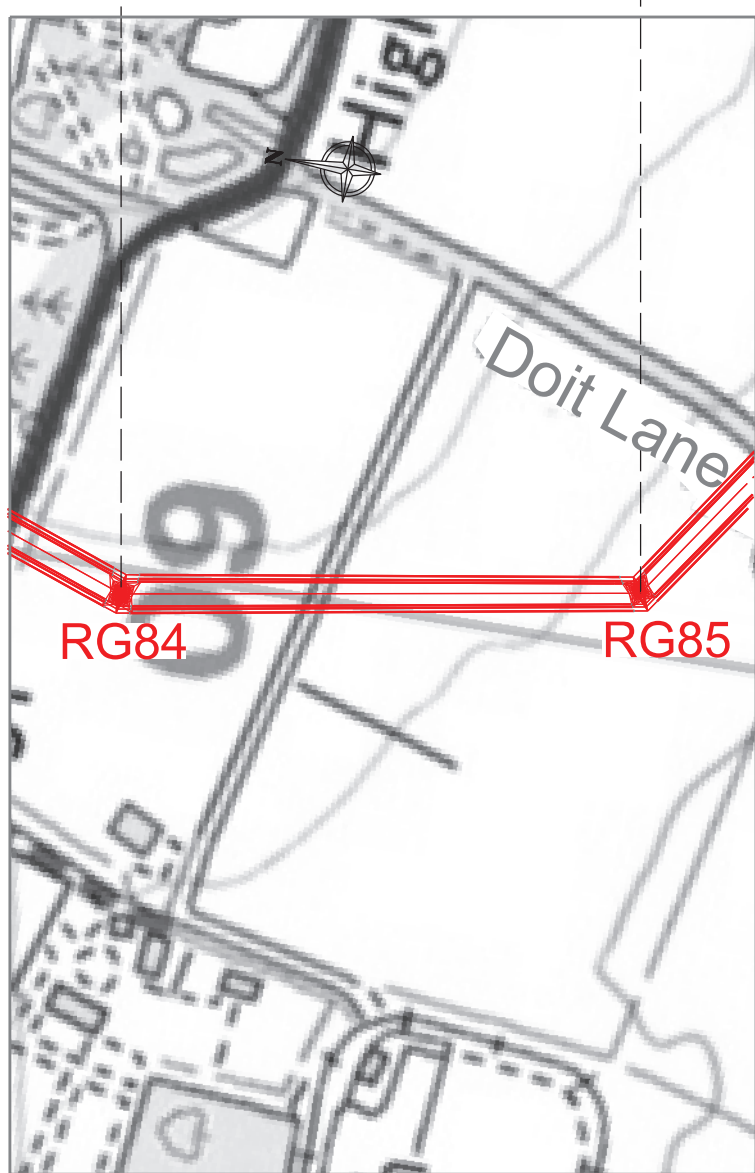
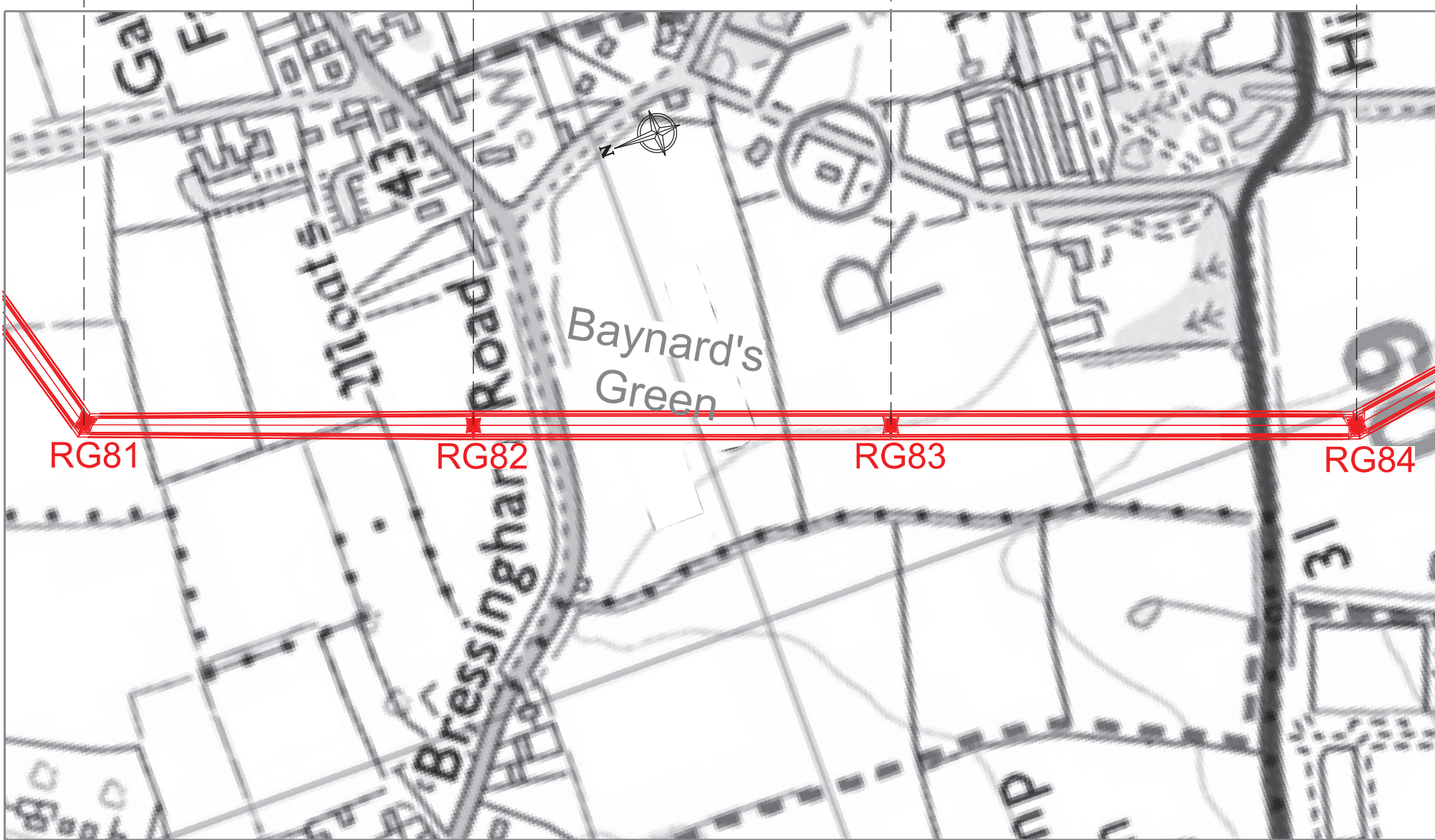
RG85
Height=52.1m
Line Angle=-45°49'32"
New Pylon

RG86
Height=53.8m
New Pylon

RG87
Height=51.7m
Line Angle=22°07'47"
New Pylon

Notes

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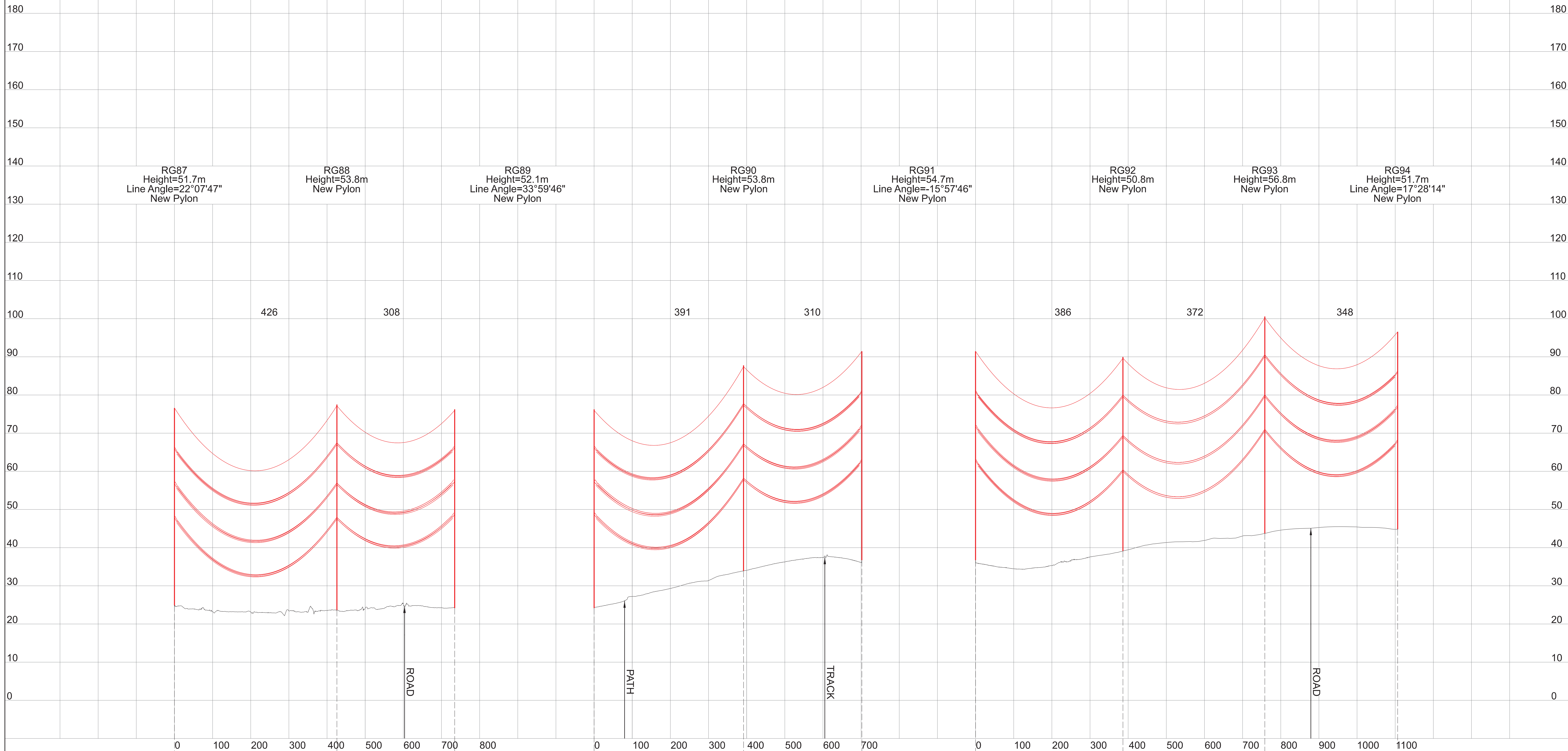
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Issue	Date	Remarks	Drawn	Checked	Approved

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INDICATIVE OVERHEAD LINE PROFILE
RG ROUTE
REGULATION 5(2)(o)
SECTION A, SHEET 10 OF 24
SOUTH NORFOLK COUNCIL

nationalgrid

PINS Application Number EN020027			
National Grid Drawing Reference AENC-LSTC-ENG-DWG-0005-2			
Scale Hz = 1:4000 Vert = 1:400	Sheet Size A0	Sheet SHEET 10 OF 24	Issue A



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Issue	Date	Remarks	Drawn	Checked	Approved

Title

THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE
RG ROUTE
REGULATION 5(2)(o)
SECTION A AND SECTION B, SHEET 11 OF 24
SOUTH NORFOLK COUNCIL,
MID SUFFOLK DISTRICT COUNCIL

nationalgrid

PINS Application Number

National Grid Drawing Reference

Scale Hz = 1:4000 Vert = 1:400	Sheet Size A0	Sheet SHEET 11 OF 24	Issue A
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THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE RG ROUTE
REGULATION 5(2)(o)
SECTION B, SHEET 12 OF 24
MID SUFFOLK DISTRICT COUNCIL

Application Document 2.7

Legend

180
170
160
150
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130
120
110
100
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180
170
160
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130
120
110
100
90
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50
40
30
20
10
0

RG94
Height=51.7m
Line Angle=17°28'14"
New Pylon

RG95
Height=50.8m
New Pylon

RG96
Height=53.8m
New Pylon

RG97
Height=53.8m
New Pylon

RG98
Height=46.1m
Line Angle=37°58'01"
New Pylon

RG99
Height=53.8m
New Pylon

RG100
Height=53.8m
New Pylon

RG101
Height=53.8m
New Pylon

RG102
Height=48.7m
Line Angle=22°32'57"
New Pylon

243

269

214

415

339

391

369

368

PATH

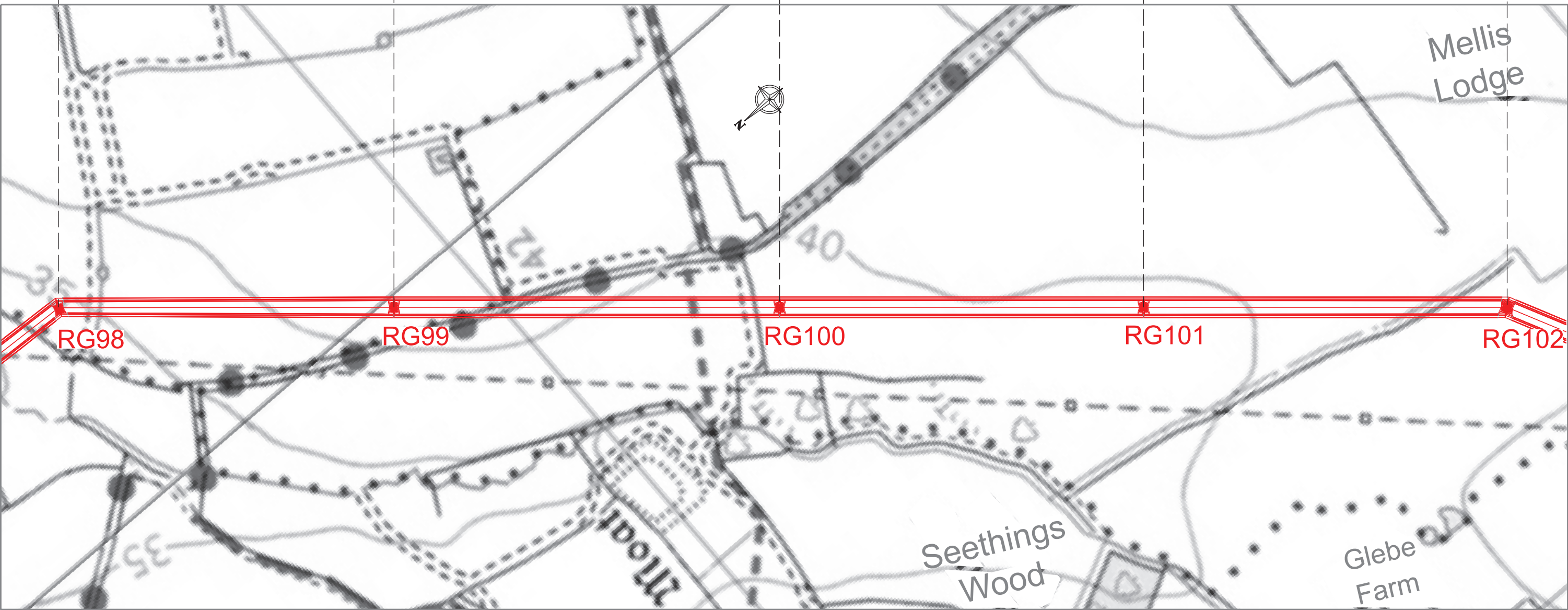
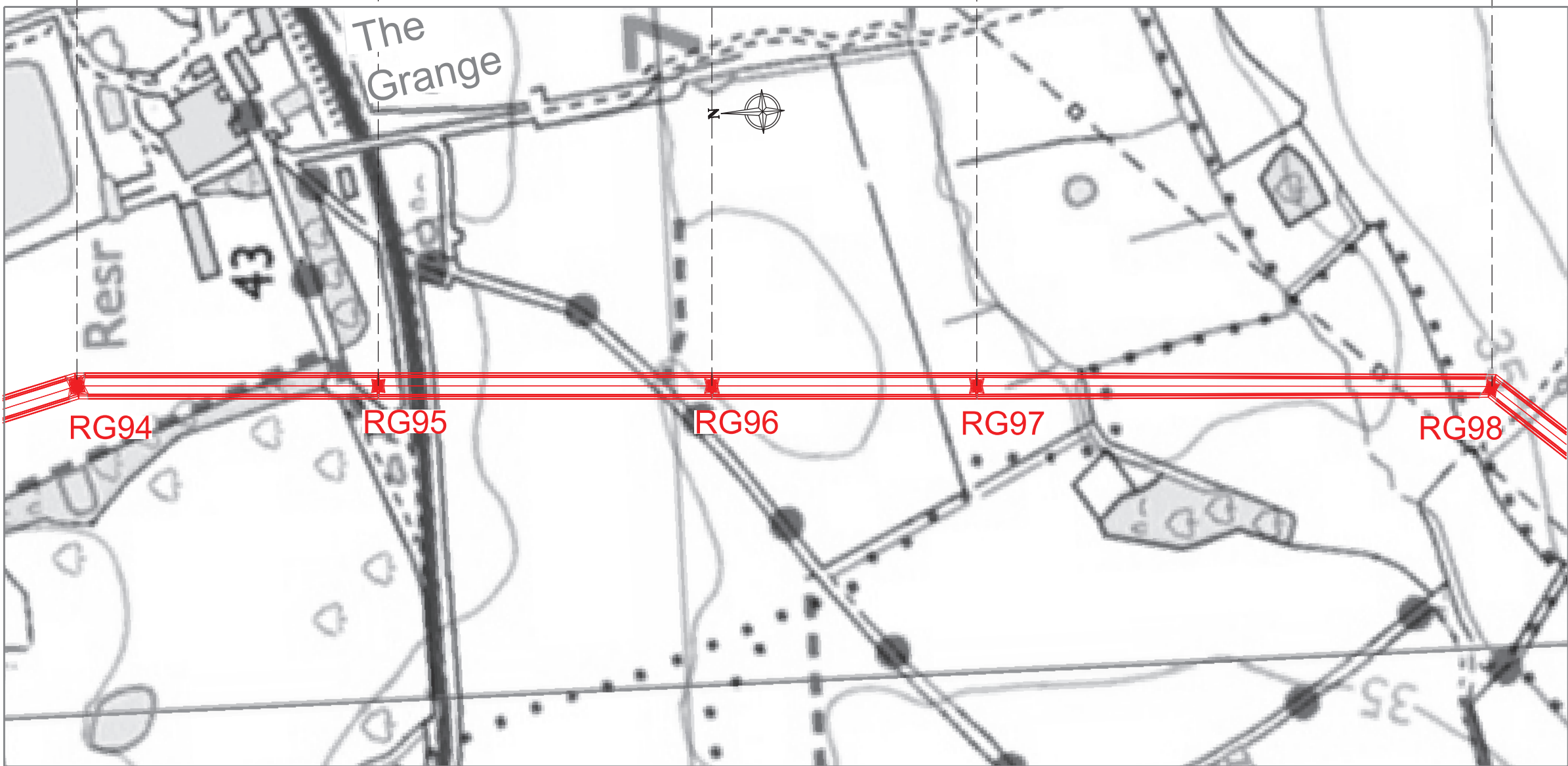
ROAD

ROAD

ROAD

ROAD

PATH



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Title

THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE
RG ROUTE
REGULATION 5(2)(o)
SECTION B, SHEET 12 OF 24
MID SUFFOLK DISTRICT COUNCIL

nationalgrid

PINS Application Number			
EN020027			
National Grid Drawing Reference			
AENC-LSTC-ENG-DWG-0005-2			
Scale	Sheet Size	Sheet	Issue
Hz = 1:4000 Vert = 1:400	A0	SHEET 12 OF 24	A

THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE RG ROUTE
REGULATION 5(2)(o)
SECTION B, SHEET 13 OF 24
MID SUFFOLK DISTRICT COUNCIL

Application Document 2.7

Legend

180
170
160
150
140
130
120
110
100
90
80
70
60
50
40
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10
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180
170
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140
130
120
110
100
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80
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40
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RG102
Height=48.7m
Line Angle=22°32'57"
New Pylon

RG103
Height=53.8m
New Pylon

RG104
Height=50.8m
New Pylon

RG105
Height=50.8m
New Pylon

RG106
Height=47.8m
New Pylon

RG107
Height=47.8m
New Pylon

RG108
Height=51.7m
Line Angle=-18°07'33"
New Pylon

RG109
Height=53.8m
New Pylon

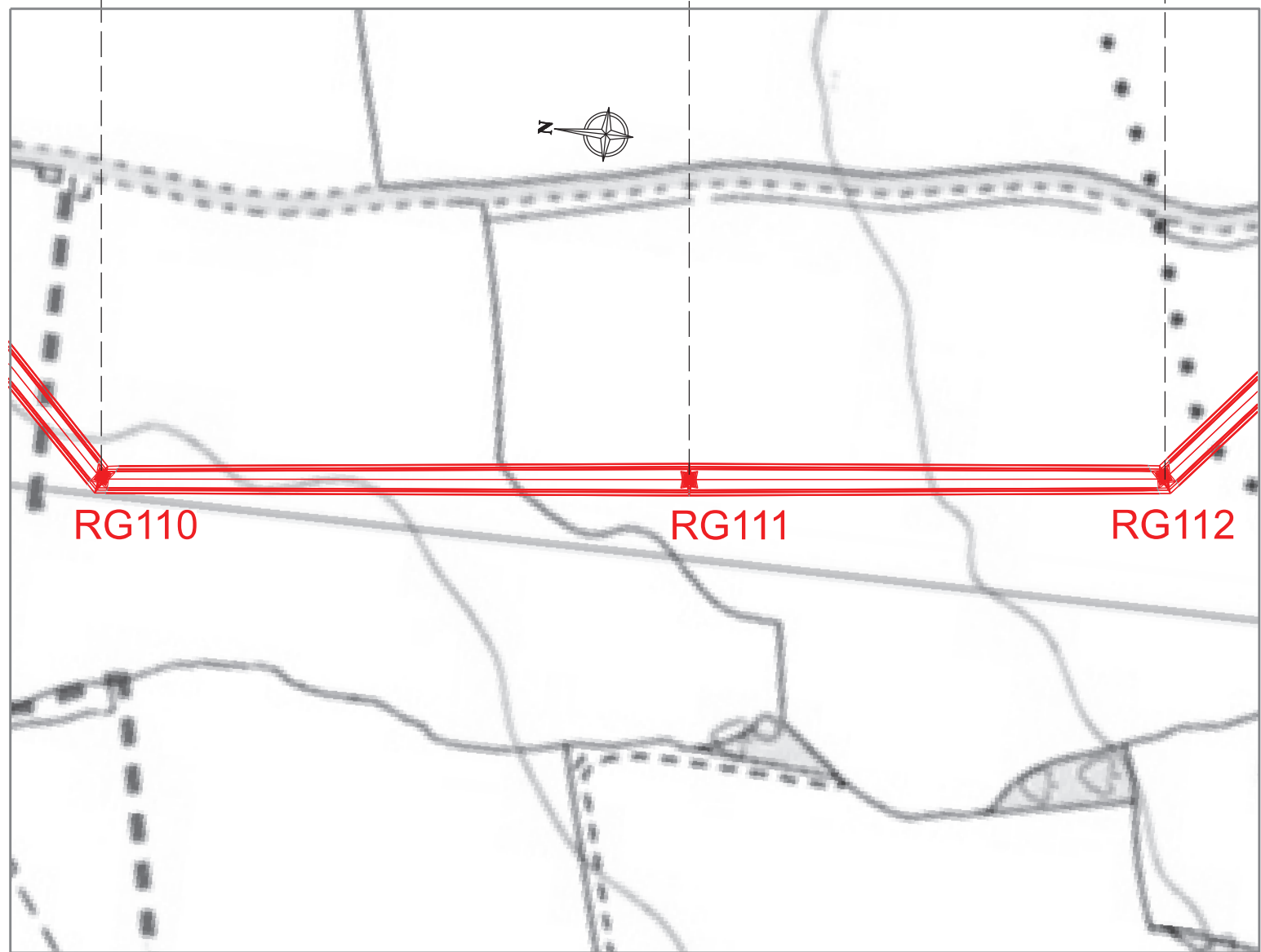
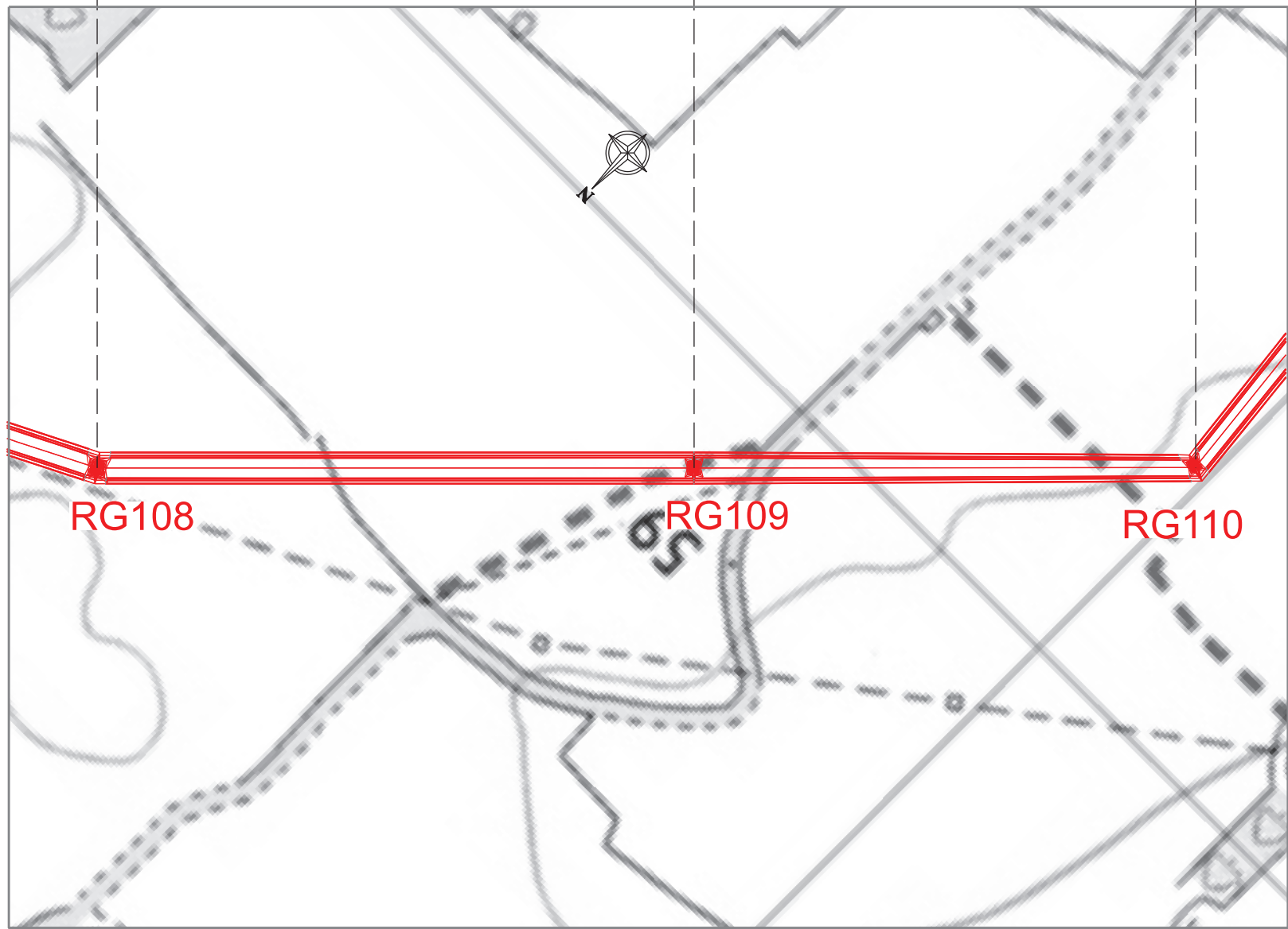
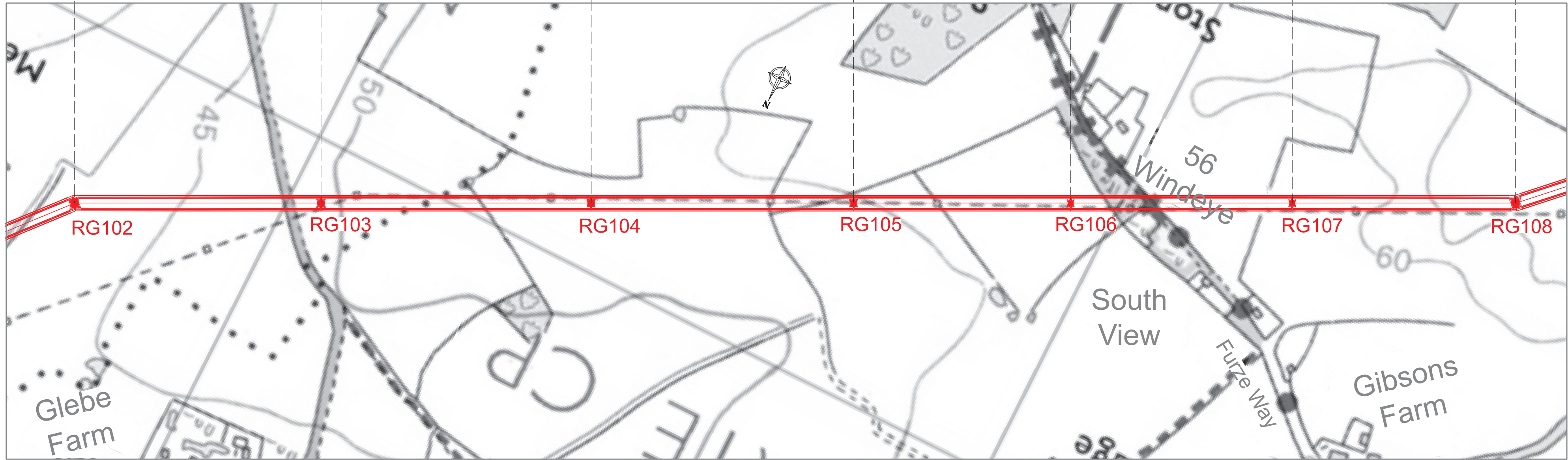
RG110
Height=49.1m
Line Angle=-51°17'47"
New Pylon

RG111
Height=50.8m
New Pylon

RG112
Height=49.1m
Line Angle=-43°25'24"
New Pylon

Notes

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THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE RG ROUTE
REGULATION 5(2)(o)
SECTION B, SHEET 14 OF 24
MID SUFFOLK DISTRICT COUNCIL

Application Document 2.7

Legend

180
170
160
150
140
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120
110
100
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180
170
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0

RG112
Height=49.1m
Line Angle=-43°25'24"
New Pylon

RG113
Height=56.8m
New Pylon

RG114
Height=50.8m
New Pylon

RG115
Height=50.8m
New Pylon

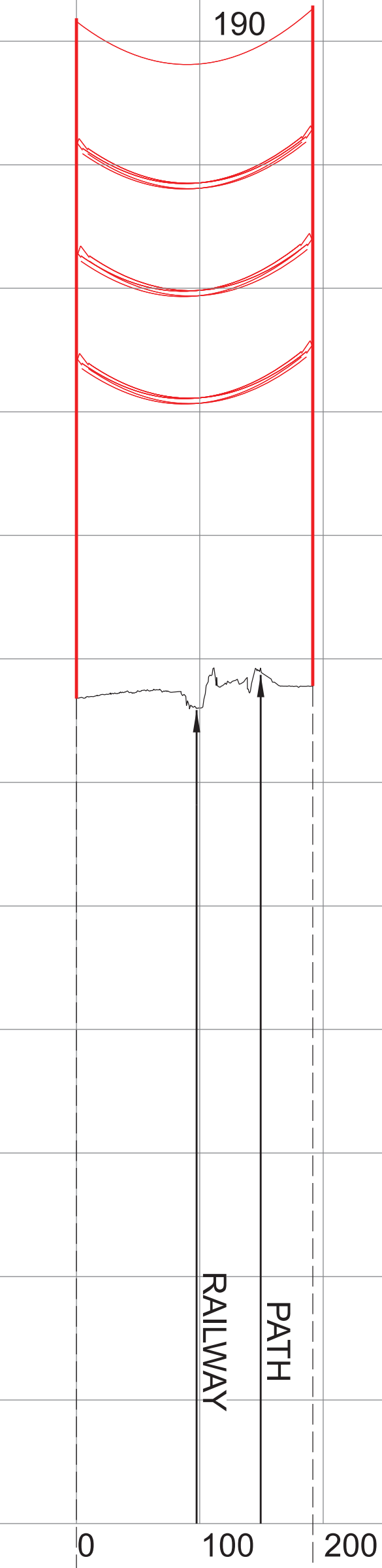
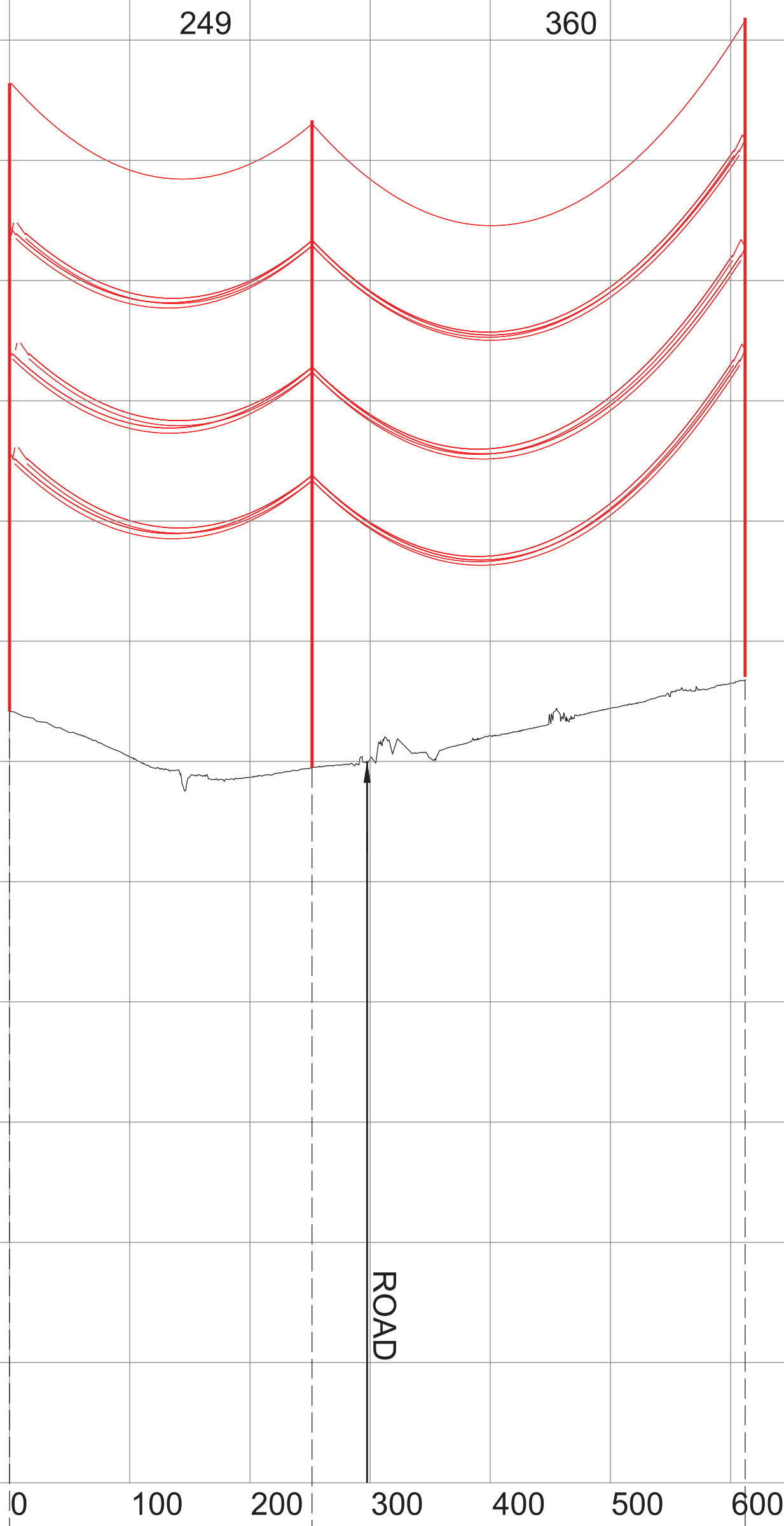
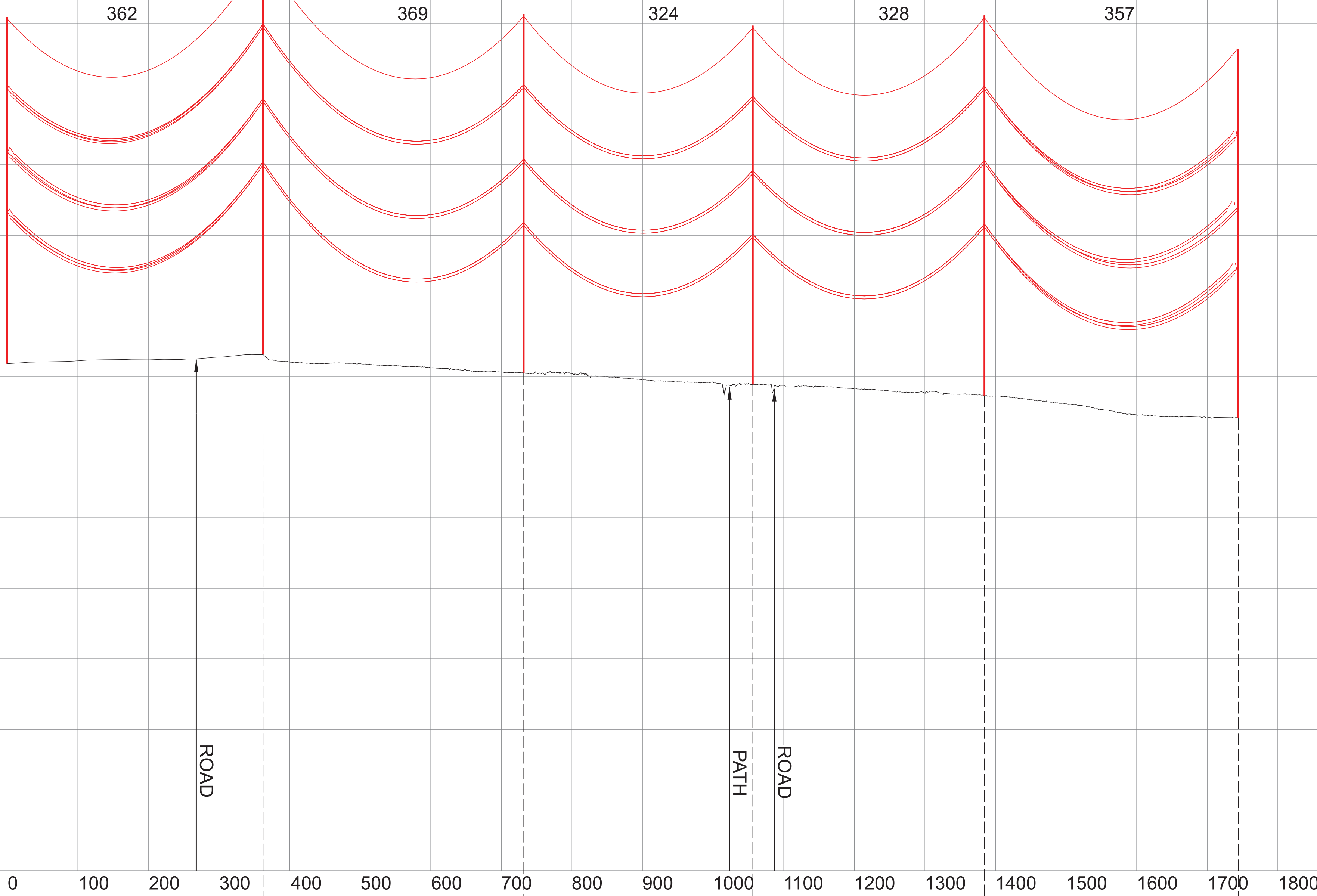
RG116
Height=53.8m
New Pylon

RG117
Height=52.3m
Line Angle=72°09'39"
New Pylon

RG118
Height=53.8m
New Pylon

RG119
Height=55.1m
Line Angle=-41°40'03"
New Pylon

RG120
Height=55.1m
Line Angle=32°30'44"
New Pylon



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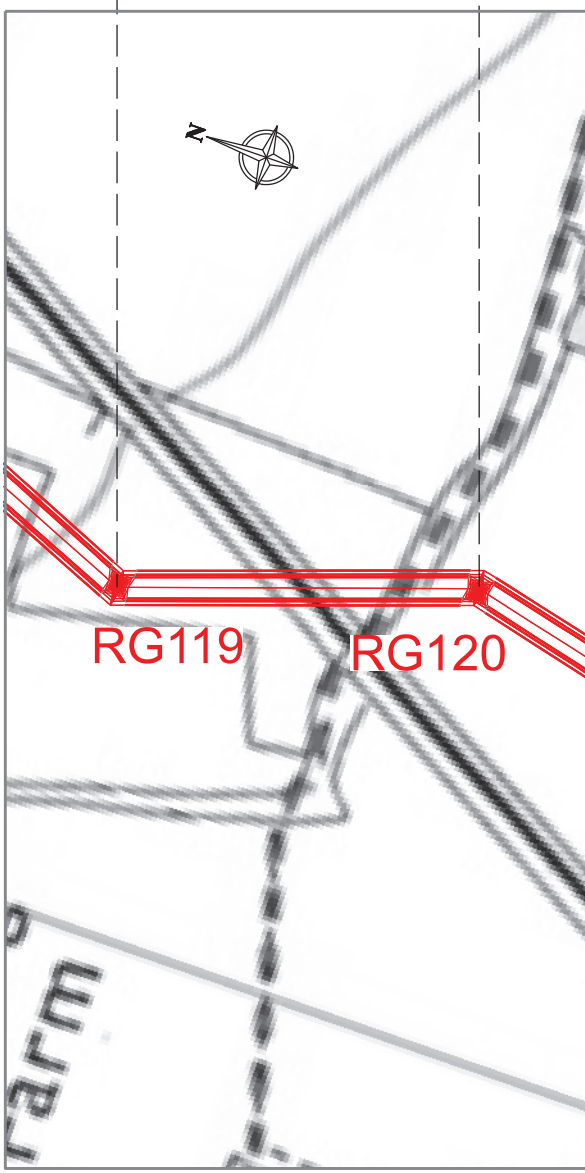
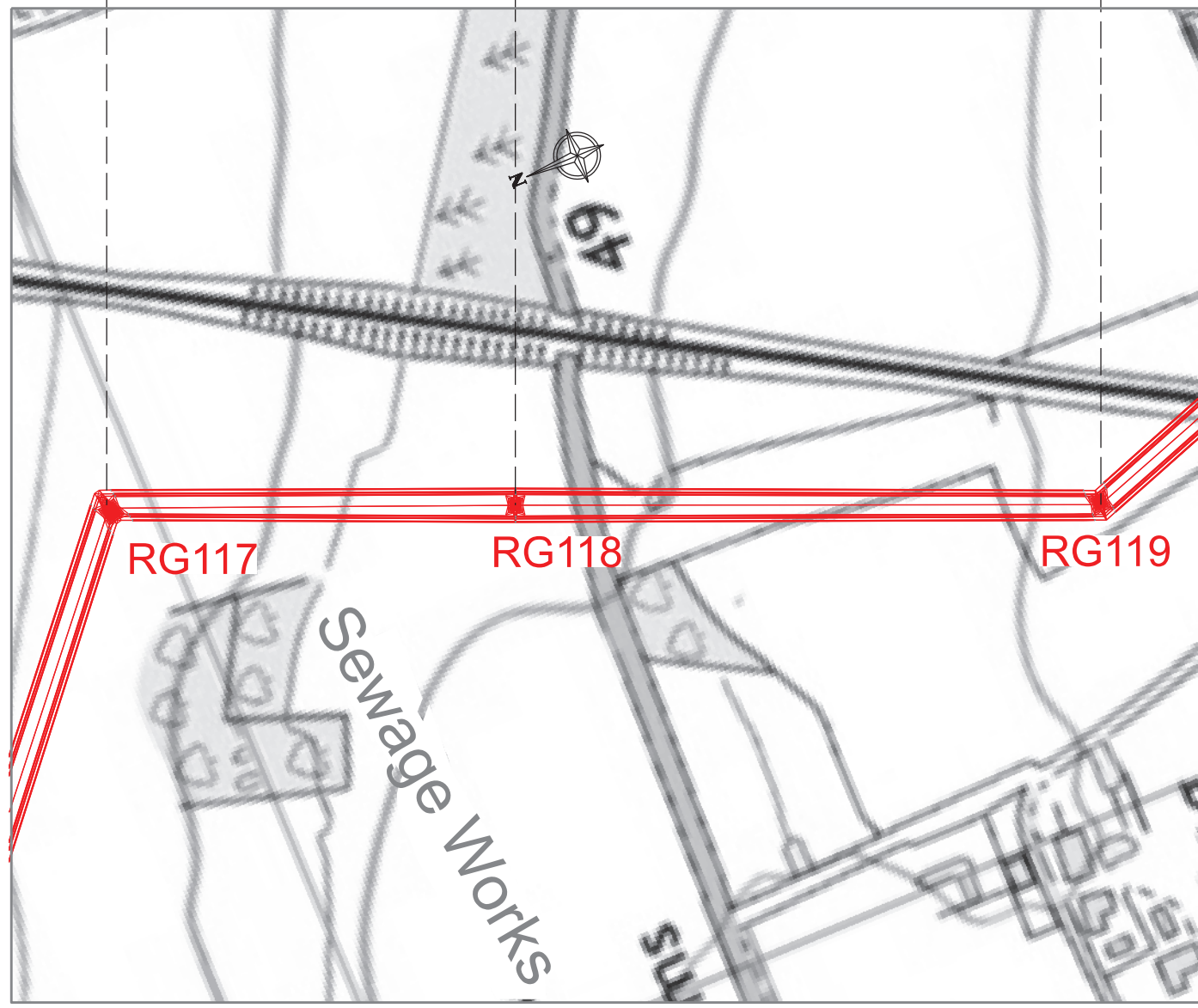
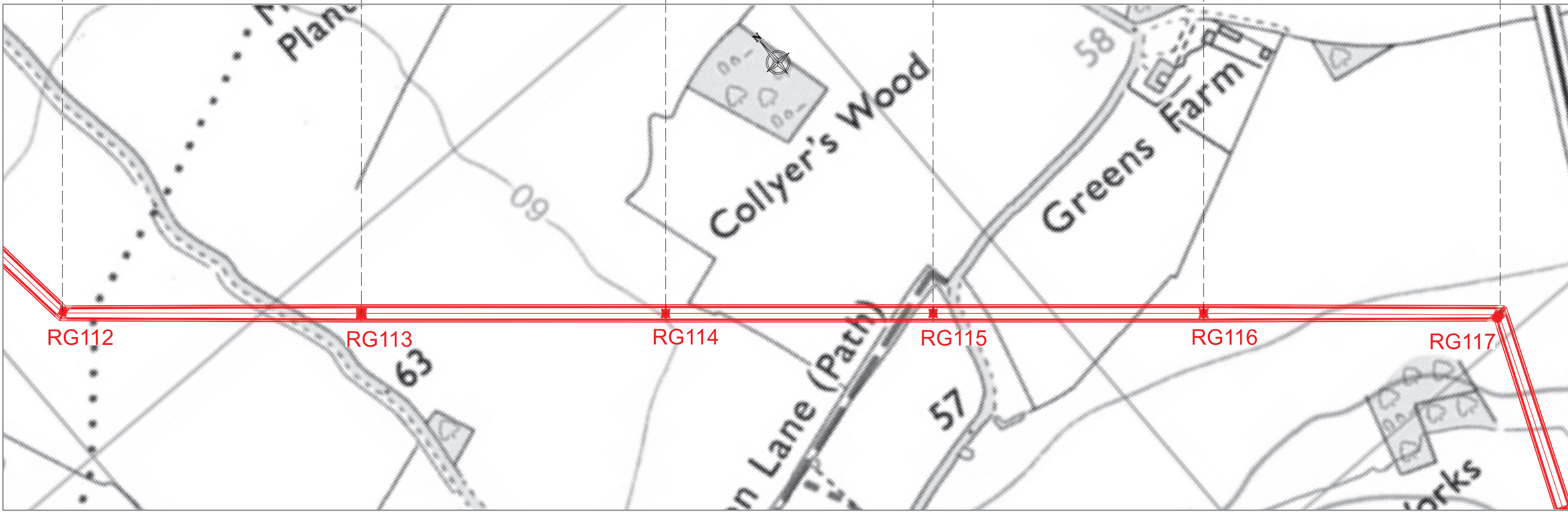
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Title
THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE
RG ROUTE
REGULATION 5(2)(o)
SECTION B, SHEET 14 OF 24
MID SUFFOLK DISTRICT COUNCIL

nationalgrid

PINS Application Number EN020027			
National Grid Drawing Reference AENC-LSTC-ENG-DWG-0005-2			
Scale Hz = 1:4000 Vert = 1:400	Sheet Size A0	Sheet SHEET 14 OF 24	Issue A



THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE RG ROUTE
REGULATION 5(2)(o)
SECTION B, SHEET 15 OF 24
MID SUFFOLK DISTRICT COUNCIL

Application Document 2.7

Legend

180

170

160

150

140

130

120

110

100

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40

30

20

10

0

180

170

160

150

140

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INDICATIVE OVERHEAD LINE PROFILE
RG ROUTE
REGULATION 5(2)(o)
SECTION B, SHEET 15 OF 24
MID SUFFOLK DISTRICT COUNCIL

nationalgrid

PINS Application Number EN020027			
National Grid Drawing Reference AENC-LSTC-ENG-DWG-0005-2			
Scale Hz = 1:4000 Vert = 1:400	Sheet Size A0	Sheet SHEET 15 OF 24	Issue A

THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE RG ROUTE
REGULATION 5(2)(o)
SECTION B, SHEET 16 OF 24
MID SUFFOLK DISTRICT COUNCIL

Application Document 2.7

Legend

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180
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RG130
Height=51.7m
Line Angle=25°06'09"
New Pylon

RG131
Height=50.8m
New Pylon

RG132
Height=50.8m
New Pylon

RG133
Height=53.8m
New Pylon

RG134
Height=50.8m
New Pylon

RG135
Height=50.8m
New Pylon

RG136
Height=54.7m
Line Angle=18°59'52"
New Pylon

RG137
Height=53.8m
New Pylon

RG138
Height=53.8m
New Pylon

RG139
Height=48.7m
Line Angle=-29°40'59"
New Pylon

357

366

359

315

350

371

370

407

262

PATH

TRACK
PATH

ROAD

ROAD

ROAD

Notes

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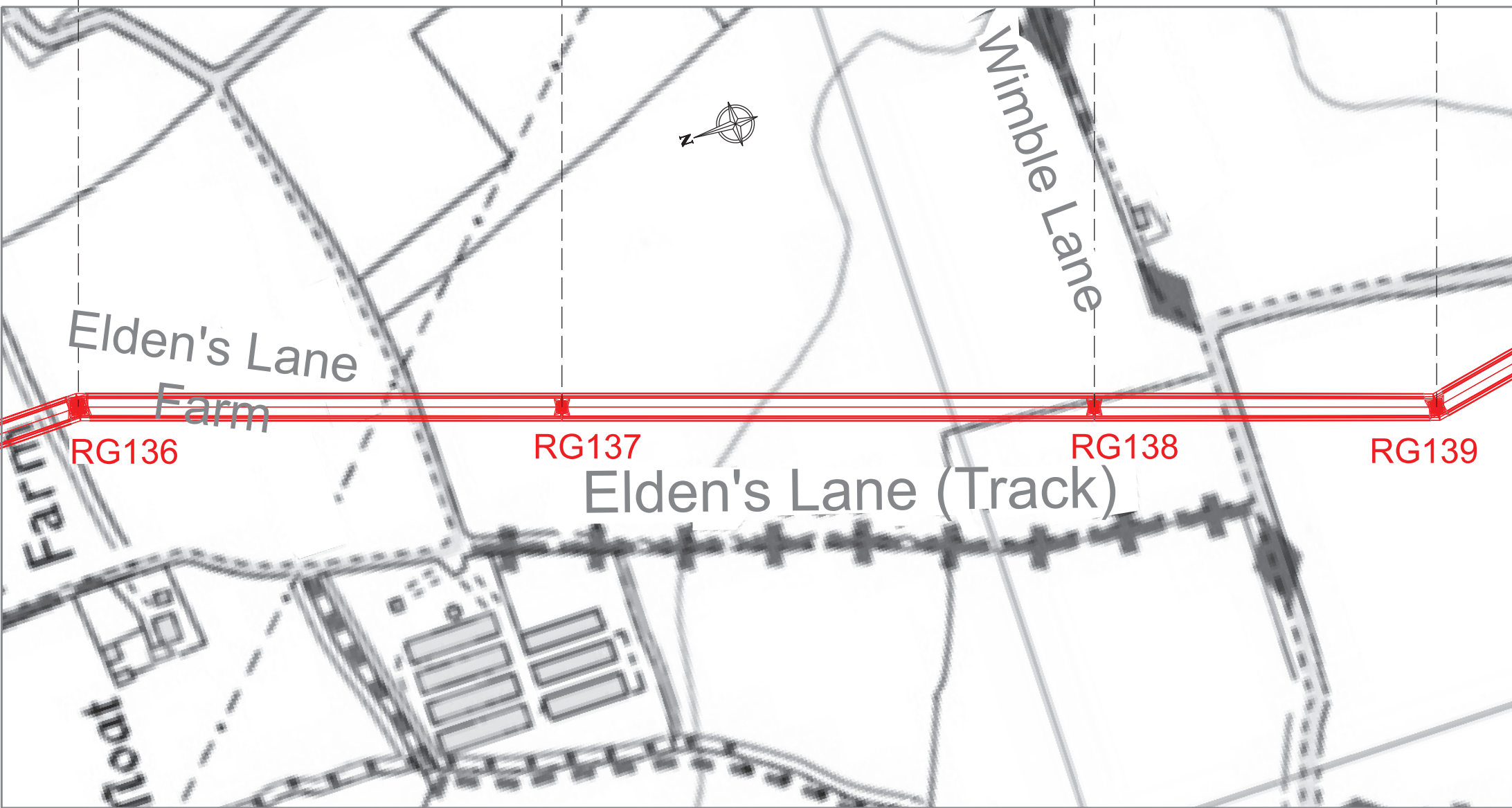
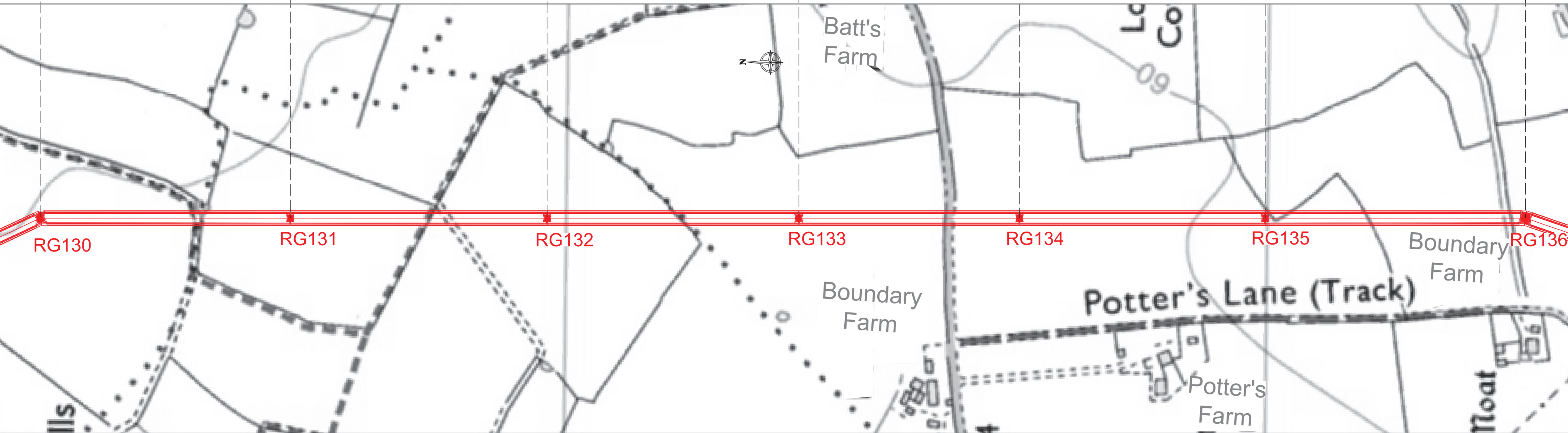
Title
THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE
RG ROUTE
REGULATION 5(2)(o)
SECTION B, SHEET 16 OF 24
MID SUFFOLK DISTRICT COUNCIL

nationalgrid

PINS Application Number
EN020027

National Grid Drawing Reference
AENC-LSTC-ENG-DWG-0005-2

Scale Hz = 1:4000 Vert = 1:400	Sheet Size A0	Sheet SHEET 16 OF 24	Issue A
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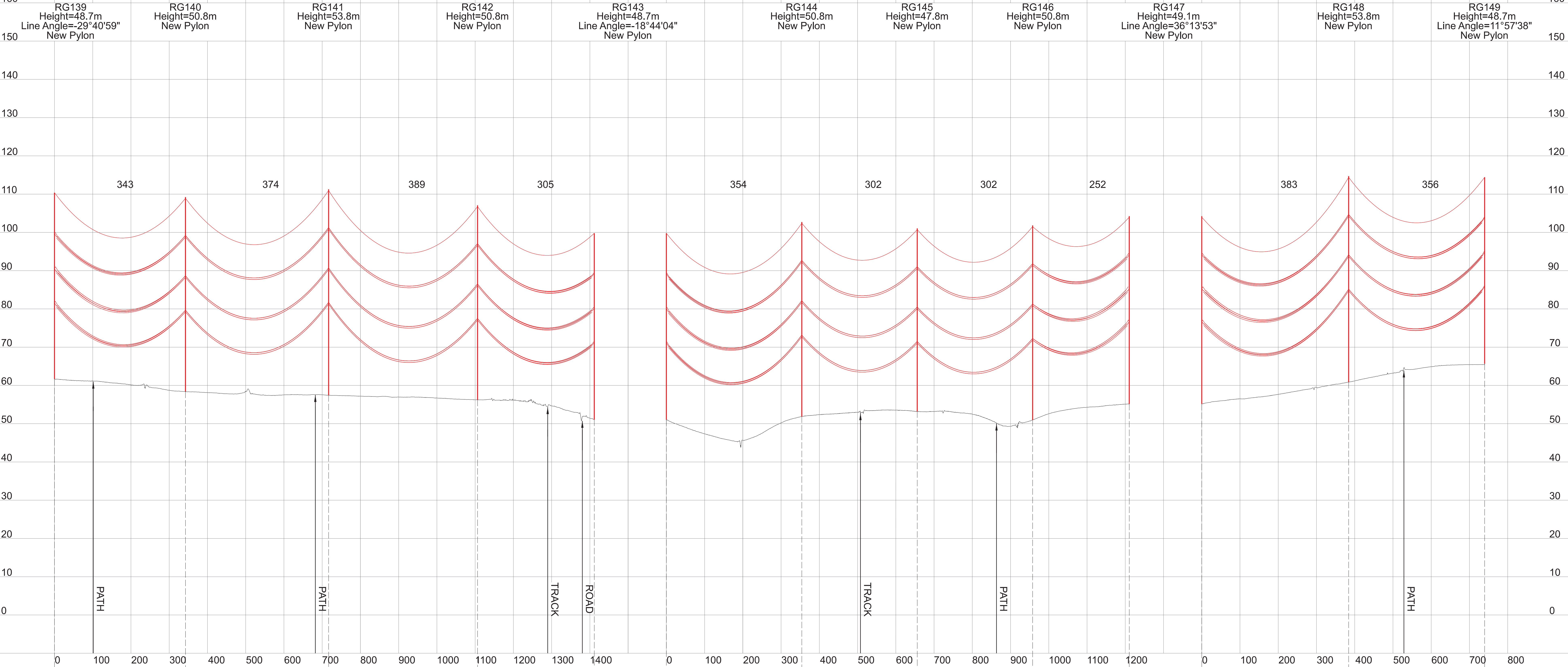
THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE RG ROUTE
REGULATION 5(2)(o)
SECTION B, SHEET 17 OF 24
MID SUFFOLK DISTRICT COUNCIL

Application Document 2.7

Legend

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THE NATIONAL GRID
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INDICATIVE OVERHEAD LINE PROFILE
RG ROUTE
REGULATION 5(2)(o)
SECTION B, SHEET 17 OF 24
MID SUFFOLK DISTRICT COUNCIL

nationalgrid

PINS Application Number		EN020027			
National Grid Drawing Reference		AENC-LSTC-ENG-DWG-0005-2			
Scale	Sheet Size	Sheet	Issue		
Hz = 1:4000 Vert = 1:400	A0	SHEET 17 OF 24	A		

THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE RG ROUTE
REGULATION 5(2)(o)
SECTION B, SHEET 18 OF 24
MID SUFFOLK DISTRICT COUNCIL

Application Document 2.7

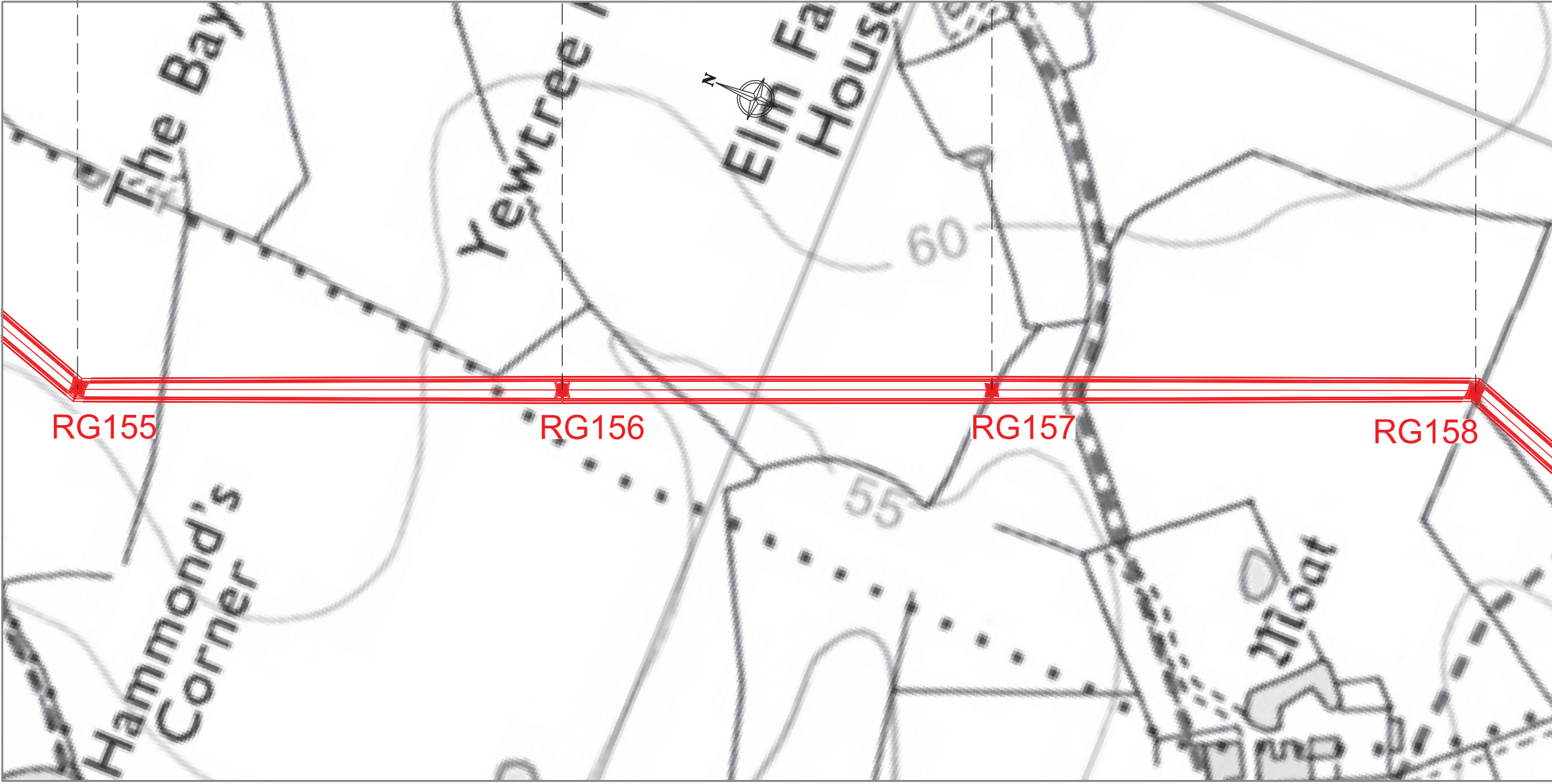
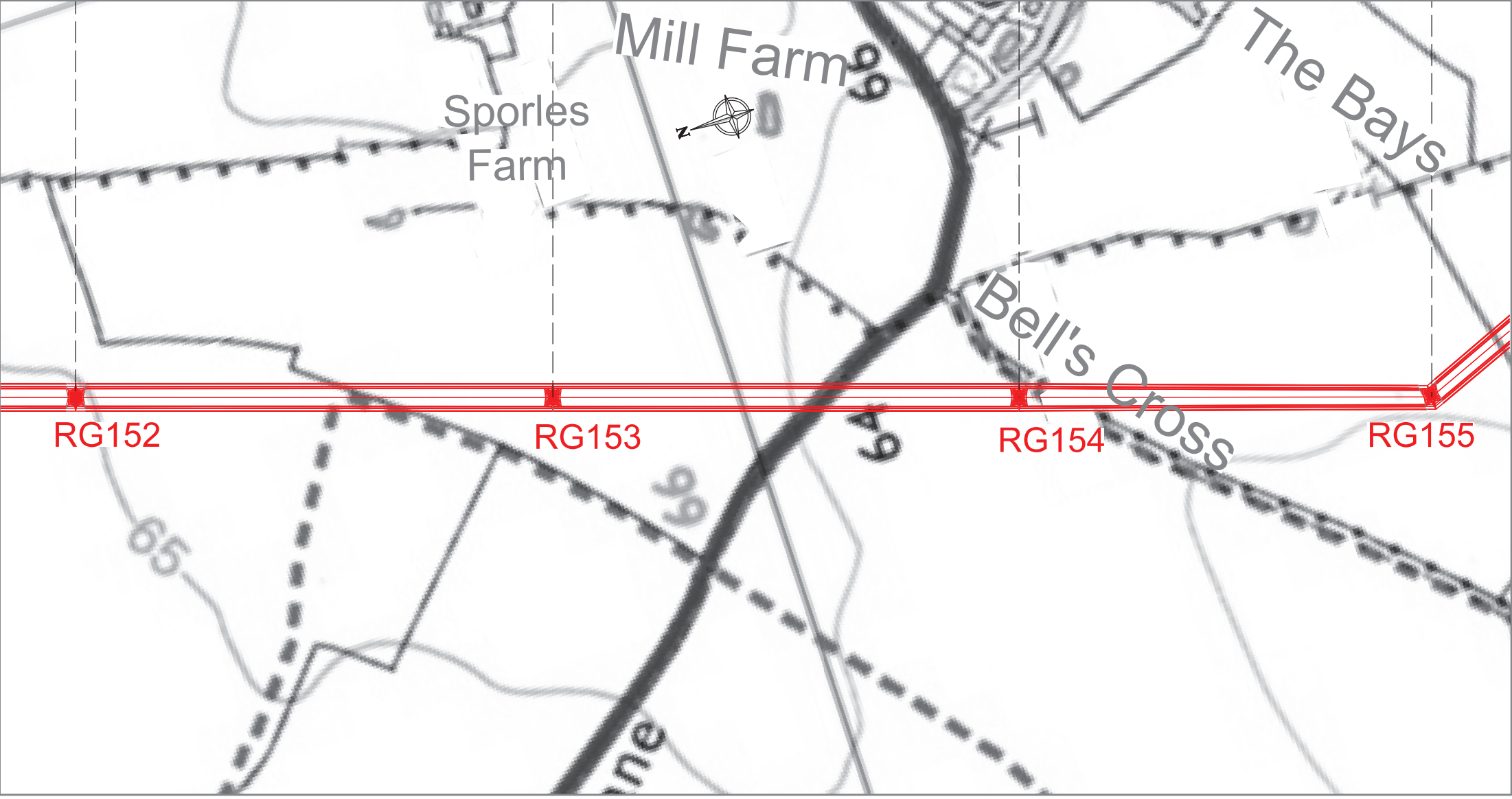
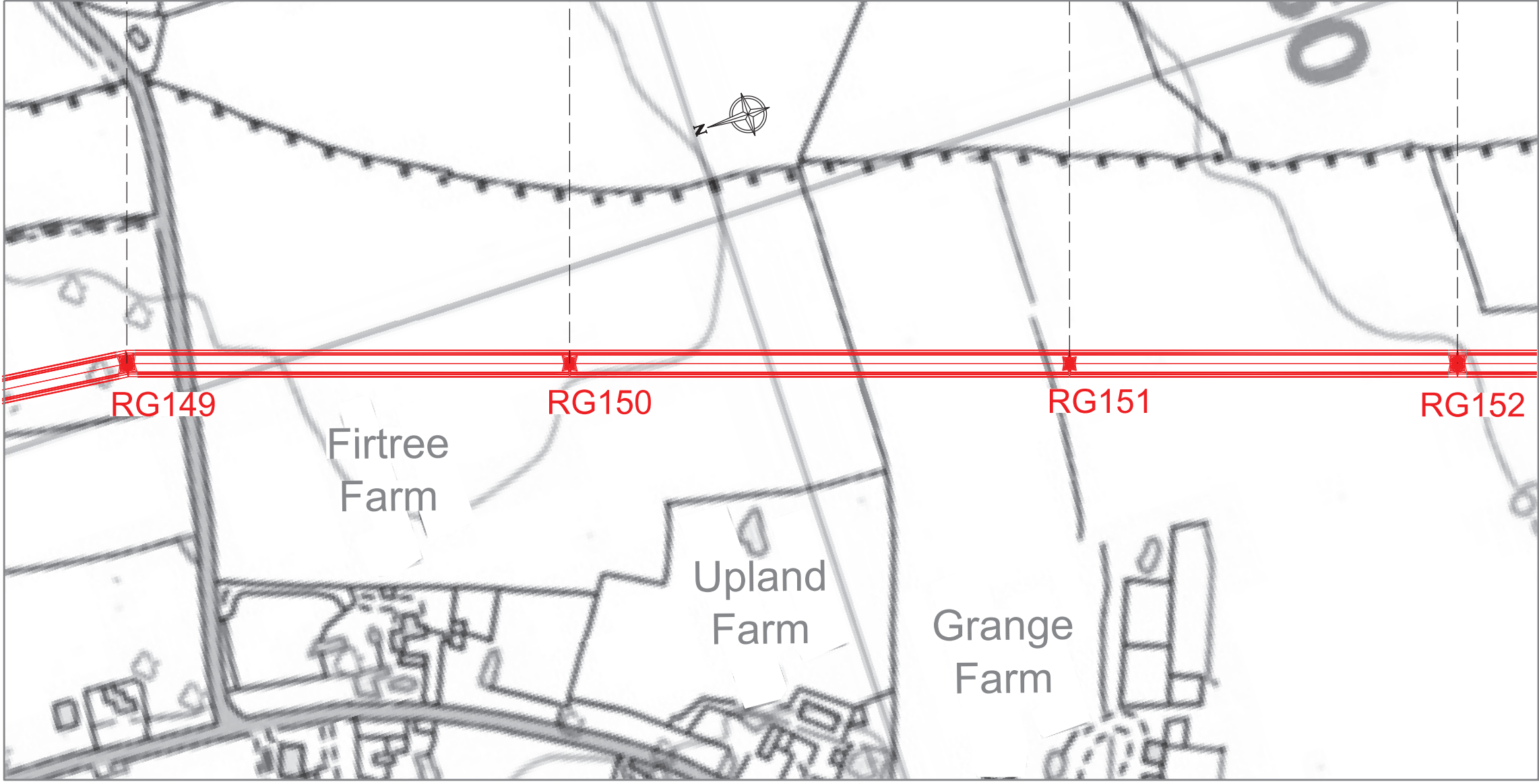
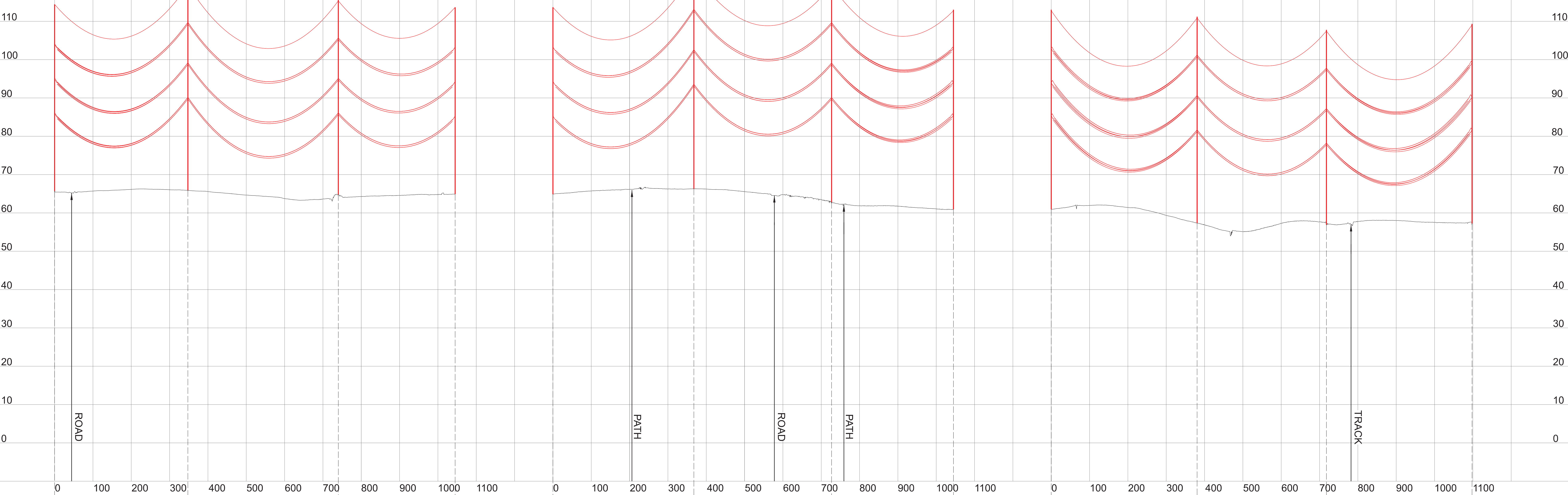
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RG149 Height=48.7m Line Angle=11°57'38" New Pylon
RG150 Height=53.8m New Pylon
RG151 Height=50.8m New Pylon
RG152 Height=48.7m New Pylon
RG153 Height=56.8m New Pylon
RG154 Height=56.8m New Pylon
RG155 Height=52.1m Line Angle=40°16'55" New Pylon
RG156 Height=53.8m New Pylon
RG157 Height=50.8m New Pylon
RG158 Height=52.1m Line Angle=41°23'20" New Pylon

348 392 305 368 359 317 380 337 379



- Notes
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A	AUG-2025	For DCO submission	FE	BK	KR
Issue	Date	Remarks	Drawn	Checked	Approved

Title

THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE
RG ROUTE
REGULATION 5(2)(o)
SECTION B, SHEET 18 OF 24
MID SUFFOLK DISTRICT COUNCIL

nationalgrid

PINS Application Number			
EN020027			
National Grid Drawing Reference			
AENC-LSTC-ENG-DWG-0005-2			
Scale	Sheet Size	Sheet	Issue
Hz = 1:4000 Vert = 1:400	A0	SHEET 18 OF 24	A

THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE RG ROUTE
REGULATION 5(2)(o)
SECTION B, SHEET 19 OF 24
MID SUFFOLK DISTRICT COUNCIL

Application Document 2.7

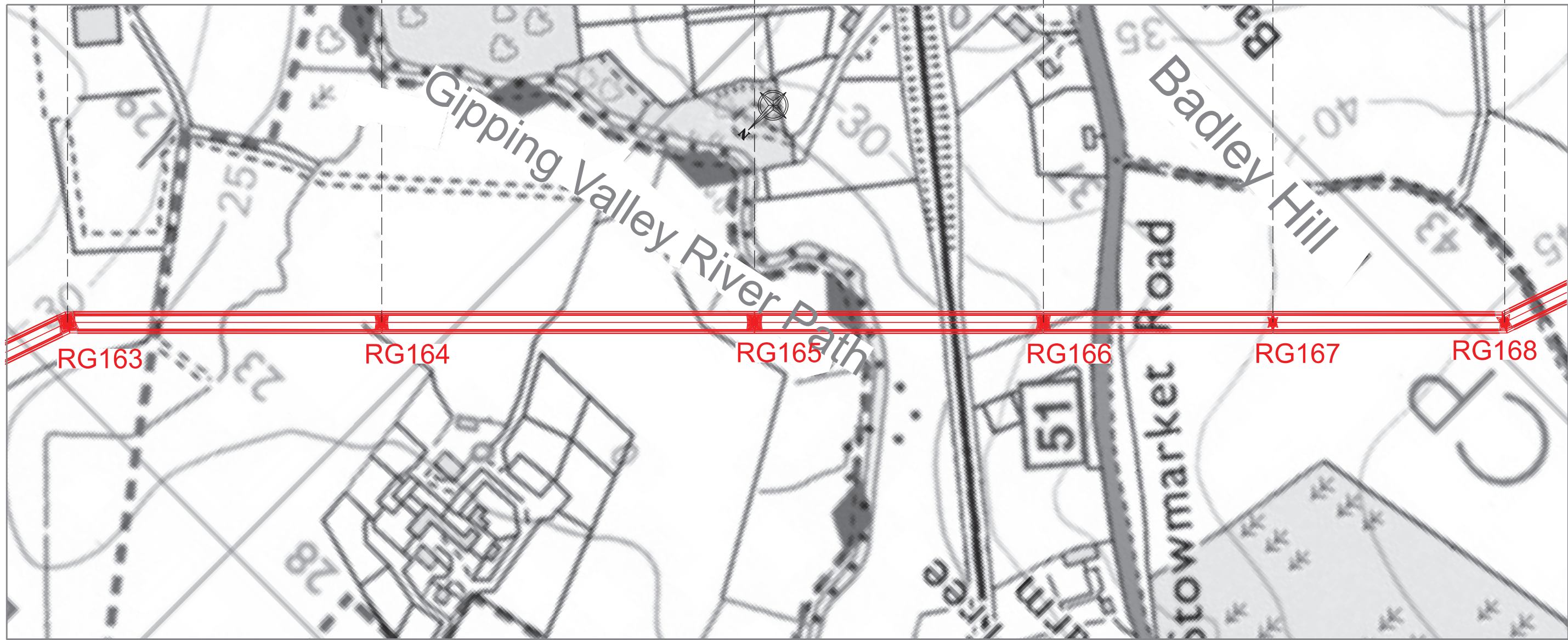
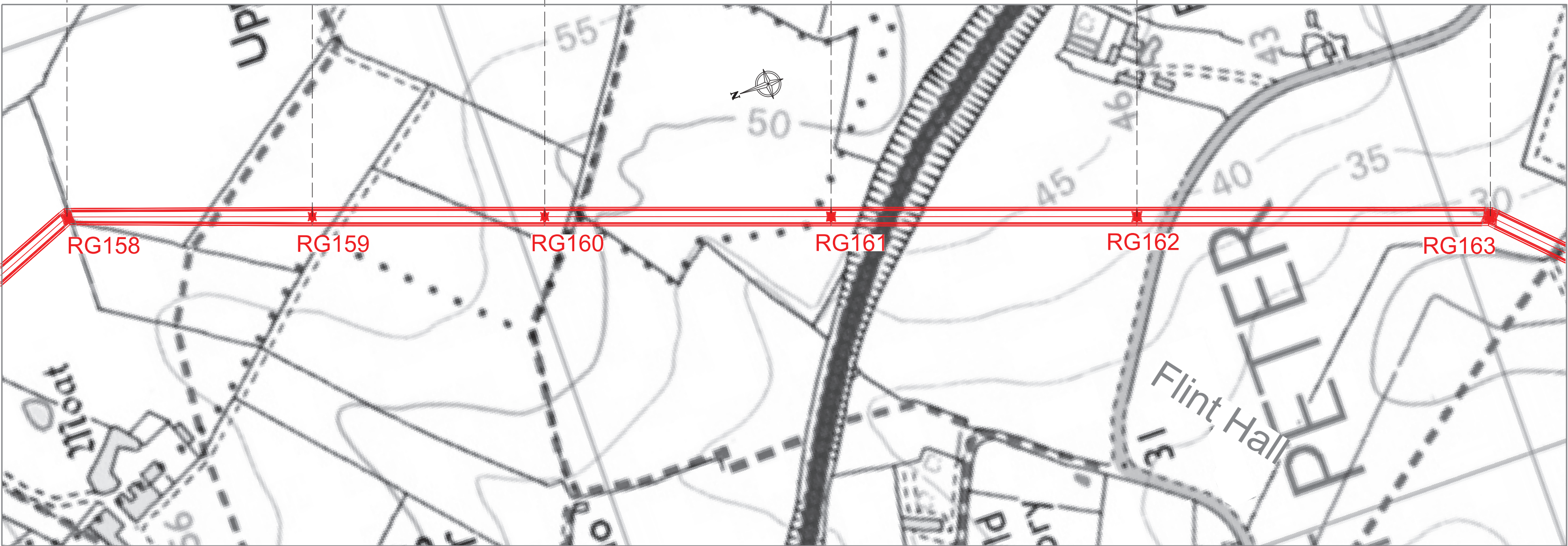
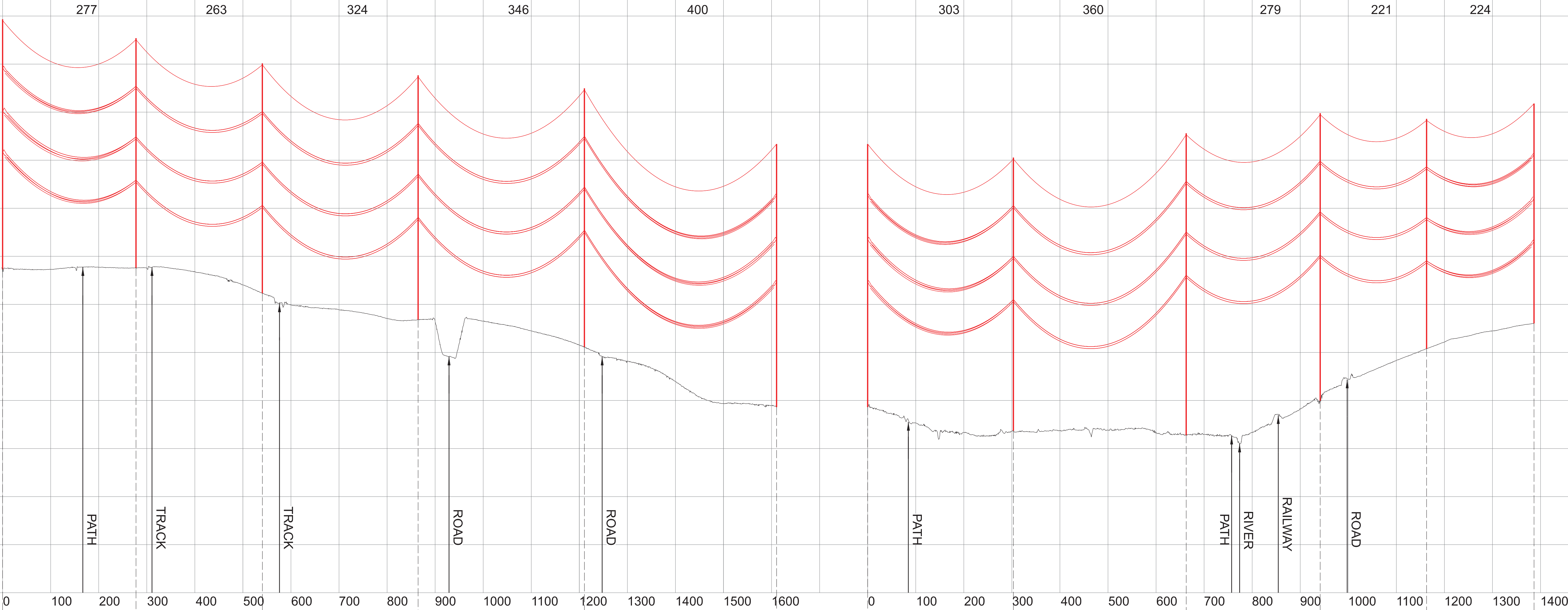
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Issue	Date	Remarks	Drawn	Checked	Approved

Title
THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE
RG ROUTE
REGULATION 5(2)(o)
SECTION B, SHEET 19 OF 24
MID SUFFOLK DISTRICT COUNCIL

nationalgrid

PINS Application Number EN020027			
National Grid Drawing Reference AENC-LSTC-ENG-DWG-0005-2			
Scale Hz = 1:4000 Vert = 1:400	Sheet Size A0	Sheet SHEET 19 OF 24	Issue A

THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE RG ROUTE
REGULATION 5(2)(o)
SECTION B, SHEET 20 OF 24
MID SUFFOLK DISTRICT COUNCIL

Application Document 2.7

Legend

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THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE
RG ROUTE
REGULATION 5(2)(o)
SECTION B, SHEET 20 OF 24
MID SUFFOLK DISTRICT COUNCIL

nationalgrid

PINS Application Number EN020027			
National Grid Drawing Reference AENC-LSTC-ENG-DWG-0005-2			
Scale Hz = 1:4000 Vert = 1:400	Sheet Size A0	Sheet SHEET 20 OF 24	Issue A

THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE RG ROUTE
REGULATION 5(2)(o)
SECTION B, SHEET 21 OF 24
MID SUFFOLK DISTRICT COUNCIL

Application Document 2.7

Legend

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RG179
Height=48.7m
Line Angle=27°21'10"
New Pylon

RG180
Height=47.8m
New Pylon

RG181
Height=53.8m
New Pylon

RG182
Height=49.1m
Line Angle=45°52'27"
New Pylon

RG183
Height=50.8m
New Pylon

RG184
Height=53.8m
New Pylon

RG185
Height=50.8m
New Pylon

RG186
Height=56.8m
New Pylon

RG187
Height=51.7m
Line Angle=22°08'49"
New Pylon

RG188
Height=51.7m
Line Angle=20°12'06"
New Pylon

304

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PATH

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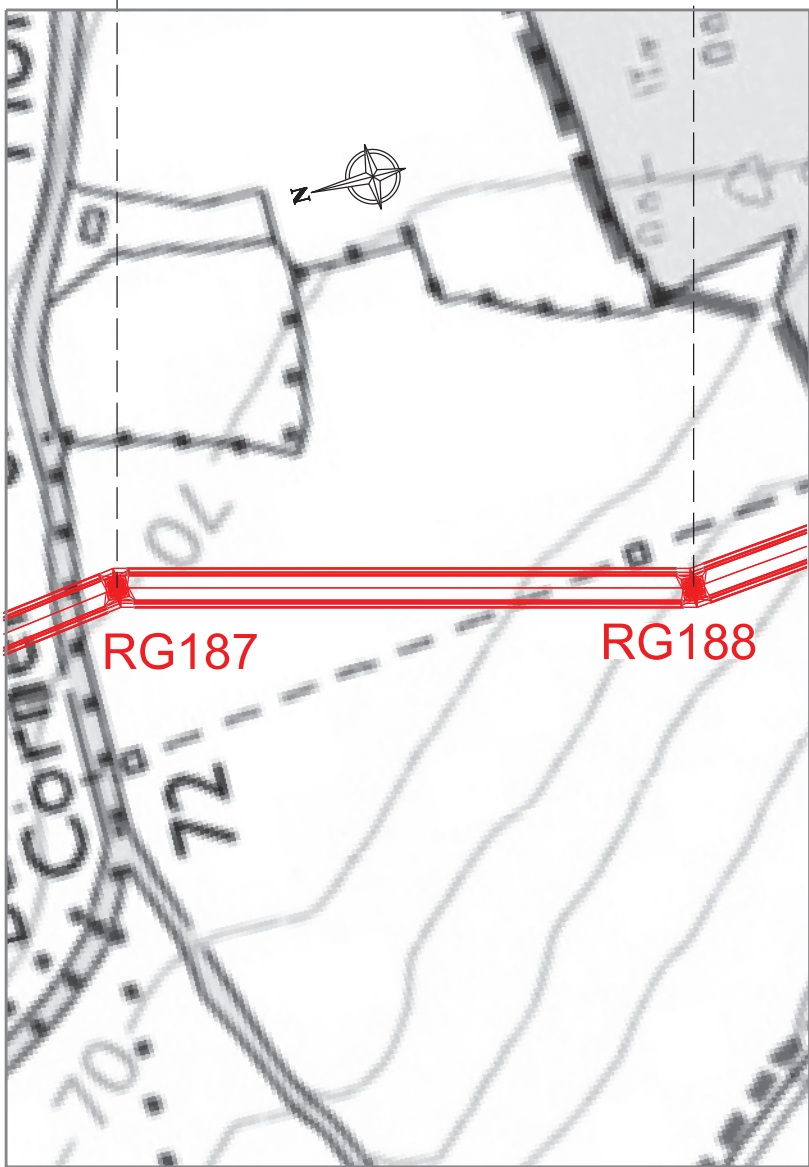
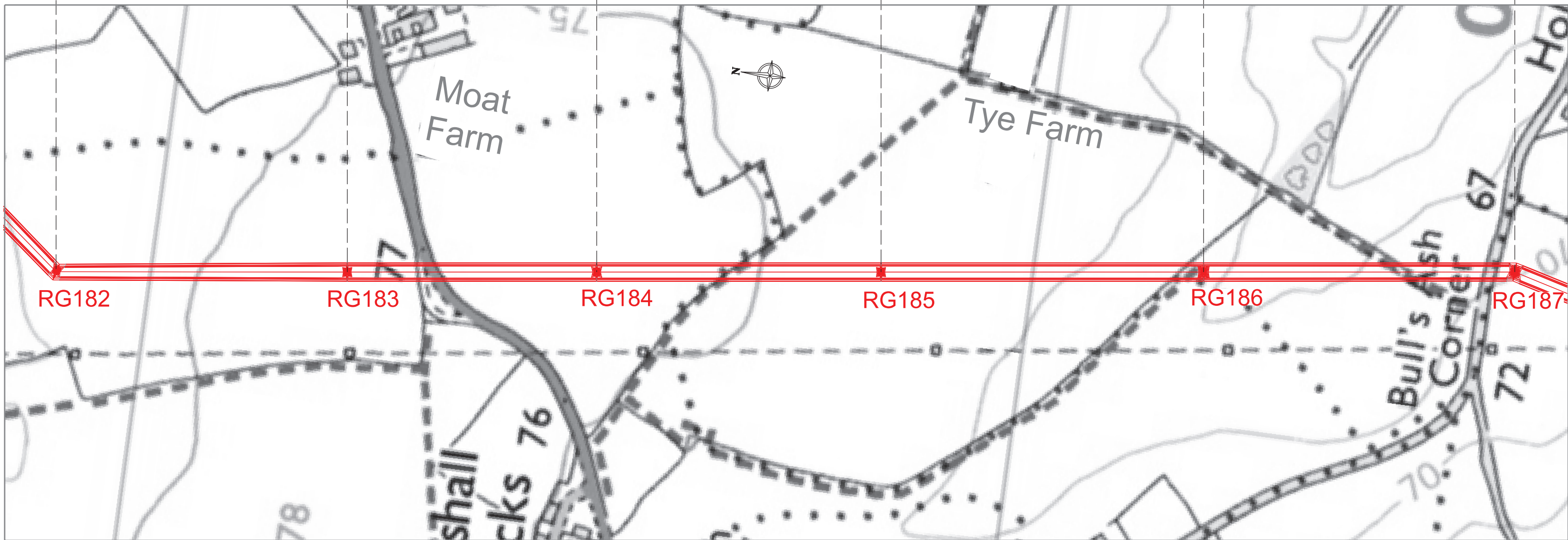
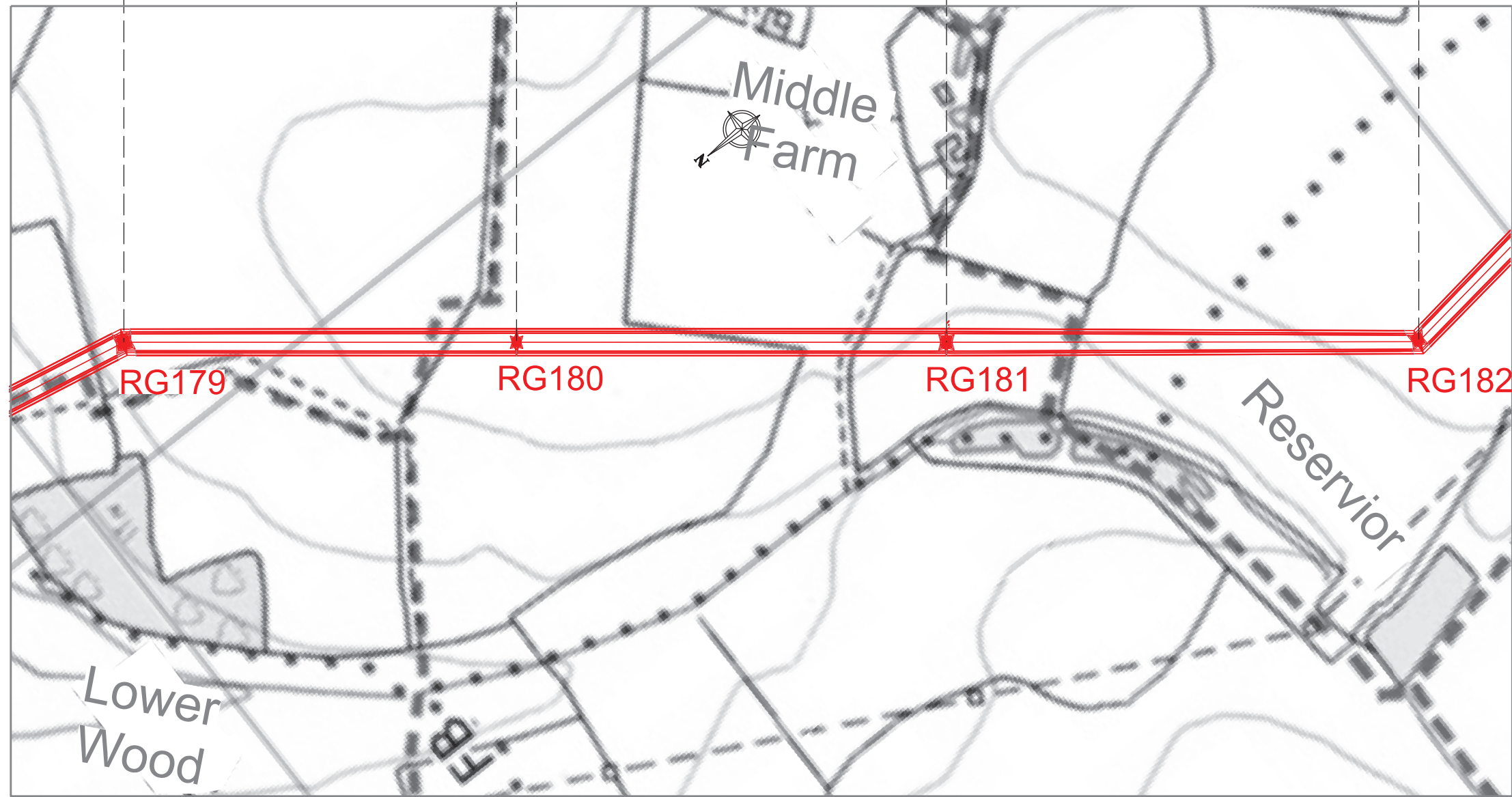
ROAD

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Title

THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE
RG ROUTE
REGULATION 5(2)(o)
SECTION B, SHEET 21 OF 24
MID SUFFOLK DISTRICT COUNCIL

nationalgrid

PINS Application Number EN020027

National Grid Drawing Reference
AENC-LSTC-ENG-DWG-0005-2

Scale H/z = 1:4000 Vert = 1:400	Sheet Size A0	Sheet SHEET 21 OF 24	Issue A
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THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE RG ROUTE
REGULATION 5(2)(o)
SECTION B, SHEET 22 OF 24
MID SUFFOLK DISTRICT COUNCIL

Application Document 2.7

Legend

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THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE
RG ROUTE
REGULATION 5(2)(o)
SECTION B, SHEET 22 OF 24
MID SUFFOLK DISTRICT COUNCIL

nationalgrid

PINS Application Number EN020027			
National Grid Drawing Reference AENC-LSTC-ENG-DWG-0005-2			
Scale Hz = 1:4000 Vert = 1:400	Sheet Size A0	Sheet SHEET 22 OF 24	Issue A

THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE RG ROUTE
REGULATION 5(2)(o)
SECTION B, SHEET 23 OF 24
MID SUFFOLK DISTRICT COUNCIL, BABERGH DISTRICT COUNCIL

Application Document 2.7

Legend

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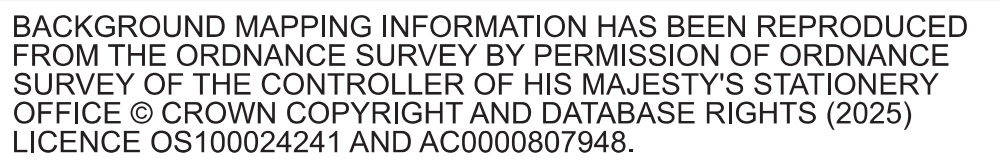
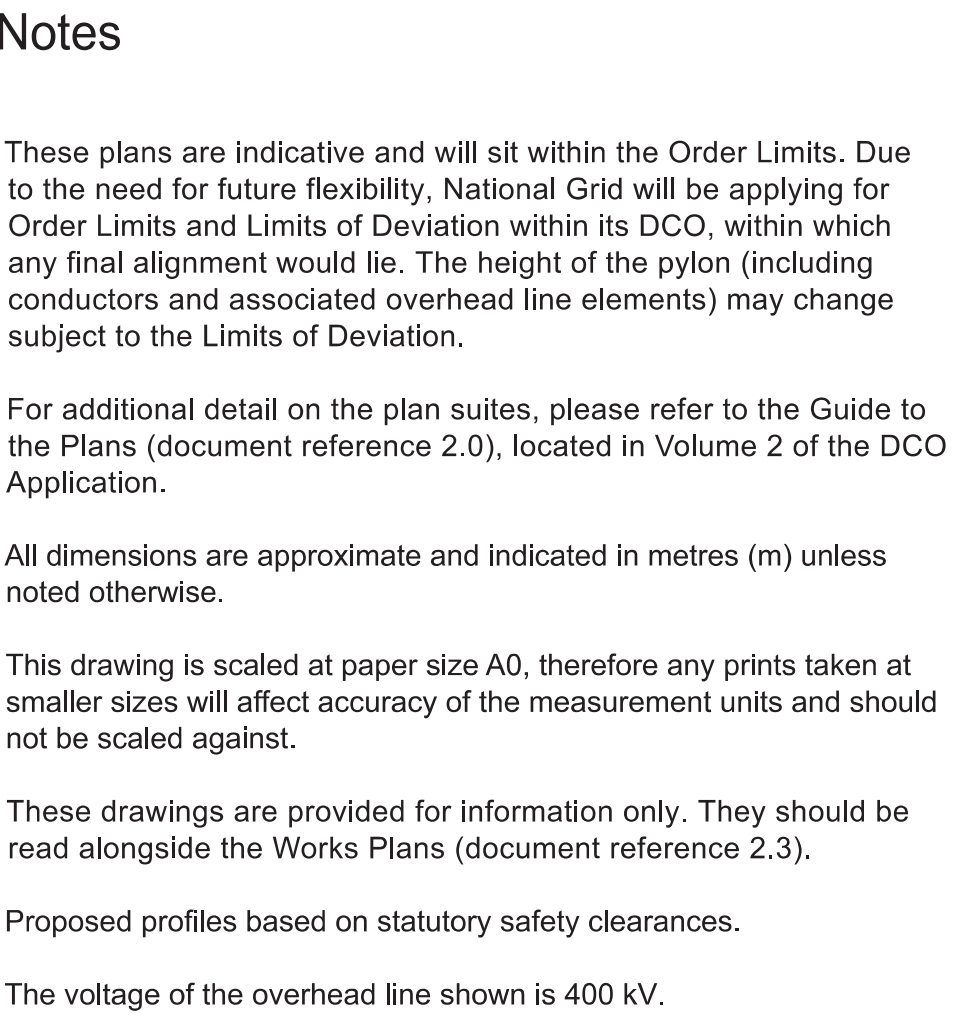
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Issue	Date	Remarks	Drawn	Checked	Approved

THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE
RG ROUTE
REGULATION 5(2)(o)
SECTION B, SHEET 23 OF 24
MID SUFFOLK DISTRICT COUNCIL,
BABERGH DISTRICT COUNCIL

nationalgrid

PINS Application Number EN020027			
National Grid Drawing Reference AENC-LSTC-ENG-DWG-0005-2			
Scale Hz = 1:4000 Vert = 1:400	Sheet Size A0	Sheet SHEET 23 OF 24	Issue A



A	AUG-2025	For DCO submission	FE	BK	KR
Issue	Date	Remarks	Drawn	Checked	Approved

Title

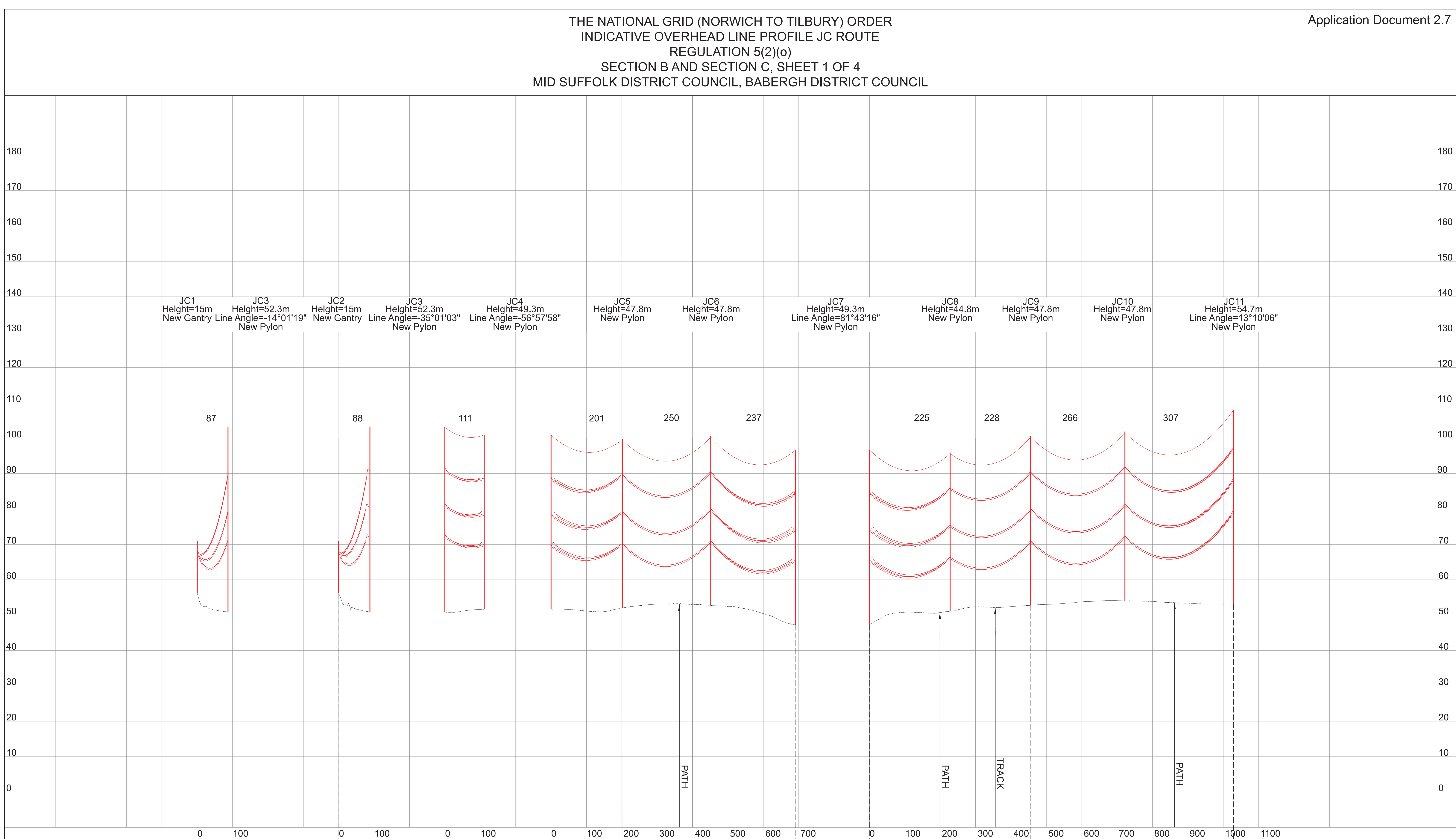
THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE
RG ROUTE
REGULATION 5(2)(o)
SECTION B, SHEET 24 OF 24
MID SUFFOLK DISTRICT COUNCIL,
BABERGH DISTRICT COUNCIL

nationalgrid

PINS Application Number

EN020027

National Grid Drawing Reference			
AENC-LSTC-ENG-DWG-0005-2			
Scale Hz = 1:4000 Vert = 1:400	Sheet Size A0	Sheet SHEET 24 OF 24	Issue A



Notes

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THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE
JC ROUTE
REGULATION 5(2)(o)
SECTION B AND SECTION C, SHEET 1 OF 4
MID SUFFOLK DISTRICT COUNCIL,
BABERGH DISTRICT COUNCIL

nationalgrid

PINS Application Number

EN02002

National Grid Drawing Reference

AENC-LSTC-ENG-DWG-0005-3

Scale Hz = 1:4000 Vert = 1:400	Sheet Size A0	Sheet SHEET 1 OF 4	Issue A
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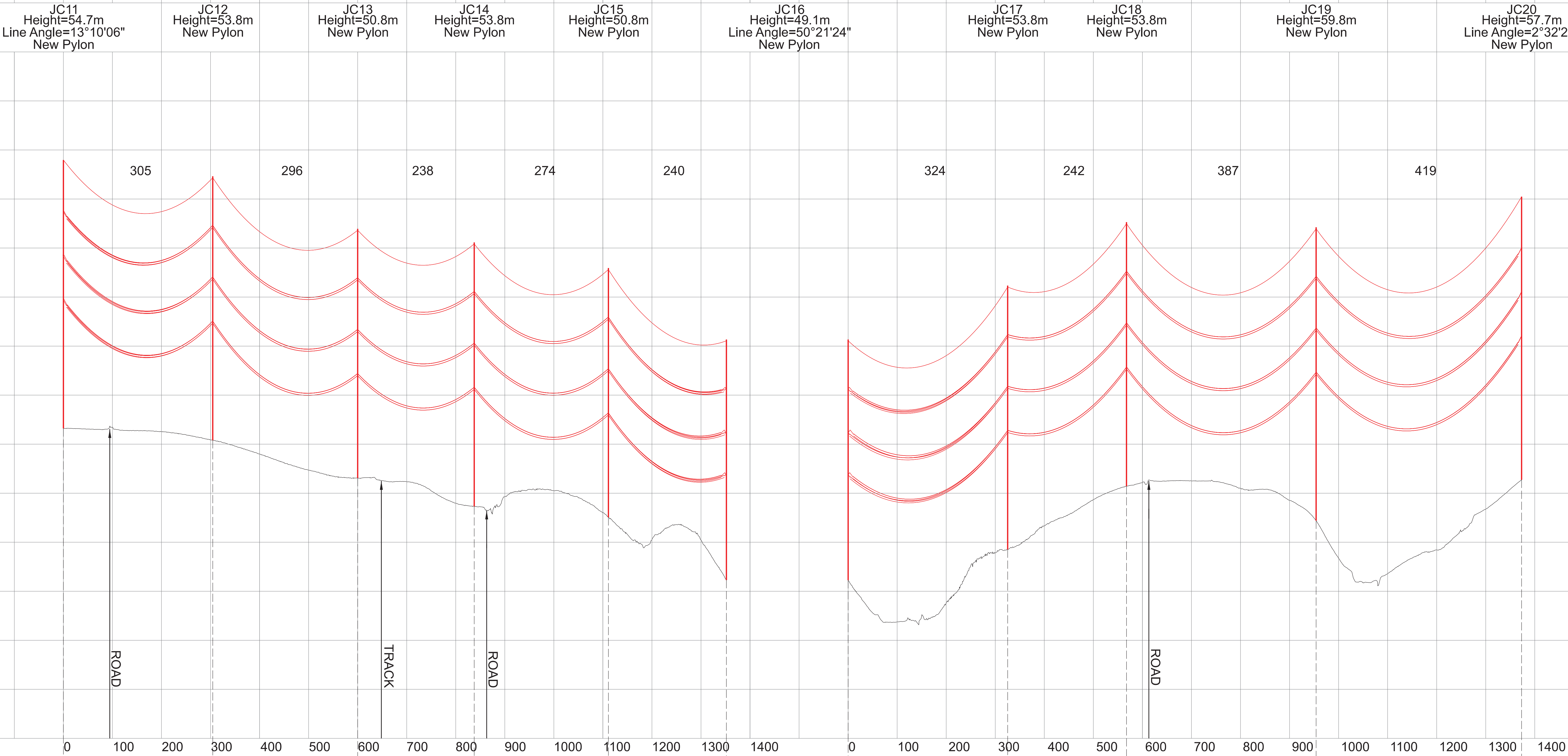
THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE JC ROUTE
REGULATION 5(2)(o)
SECTION C, SHEET 2 OF 4
BABERGH DISTRICT COUNCIL

Application Document 2.7

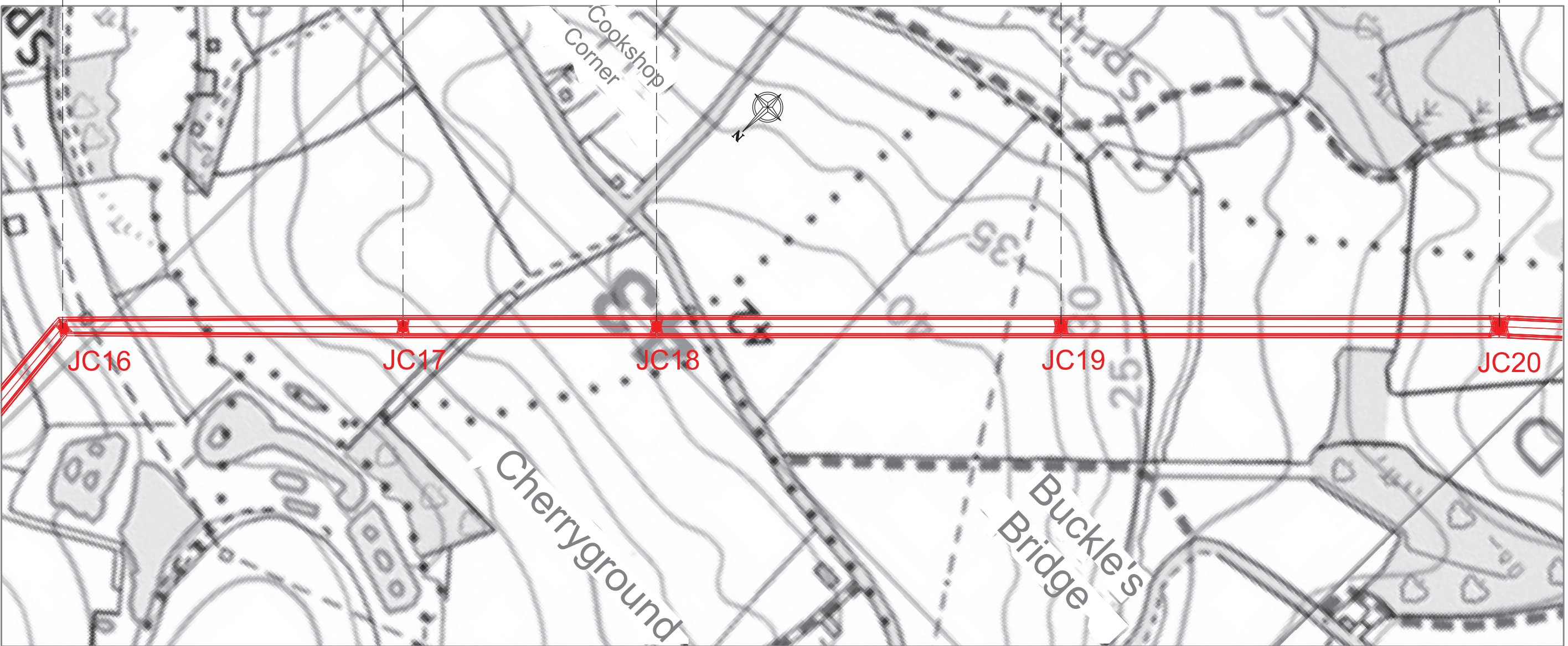
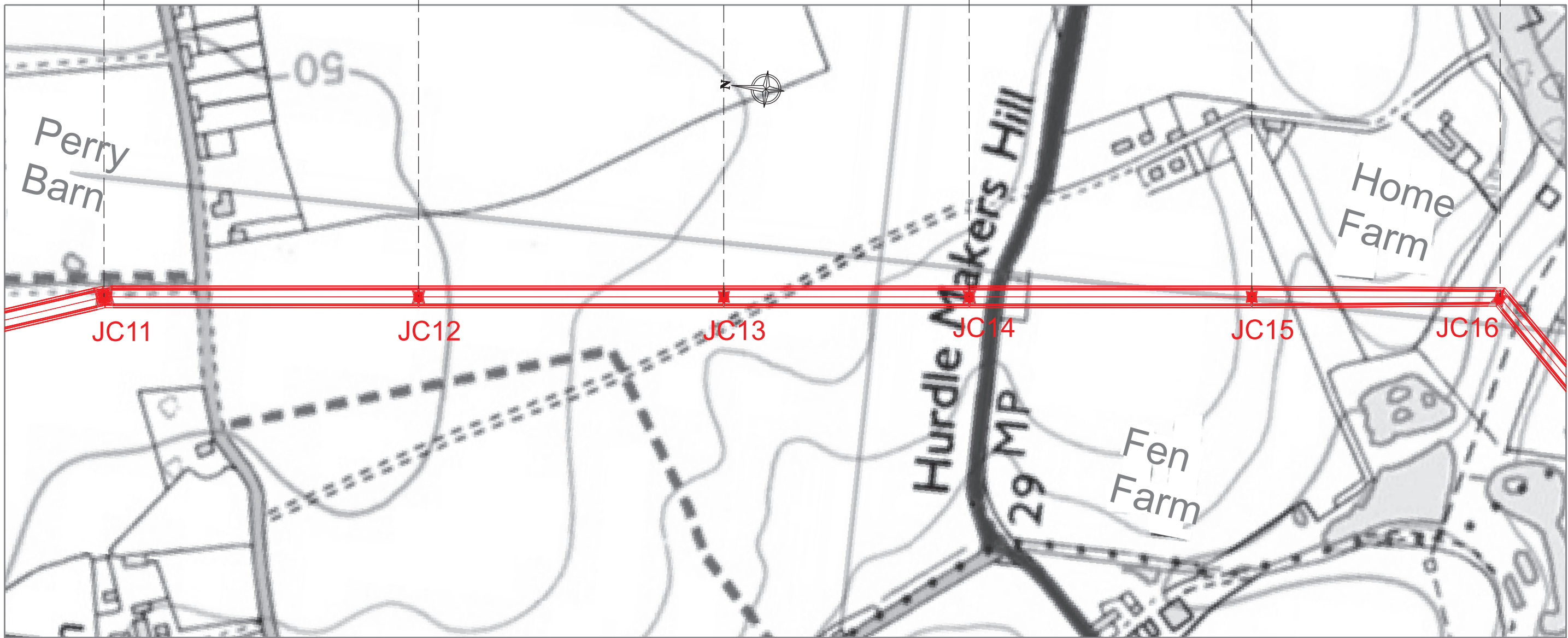
Legend

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THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE
JC ROUTE
REGULATION 5(2)(o)
SECTION C, SHEET 2 OF 4
BABERGH DISTRICT COUNCIL

nationalgrid

PINS Application Number			
EN020027			
National Grid Drawing Reference			
AENC-LSTC-ENG-DWG-0005-3			
Scale	Sheet Size	Sheet	Issue
Hz = 1:4000 Vert = 1:400	A0	SHEET 2 OF 4	A

THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE JC ROUTE
REGULATION 5(2)(o)
SECTION C, SHEET 3 OF 4
BABERGH DISTRICT COUNCIL

Application Document 2.7

Legend

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JC20
Height=57.7m
Line Angle=2°32'28"
New Pylon

JC21
Height=53.8m
New Pylon

JC22
Height=53.8m
New Pylon

JC23
Height=47.8m
New Pylon

JC24
Height=47.8m
New Pylon

JC25
Height=48.7m
Line Angle=-13°33'26"
New Pylon

JC26
Height=50.8m
New Pylon

JC27
Height=52.1m
Line Angle=46°48'28"
New Pylon

394

349

276

271

276

360

383

ROAD

PATH

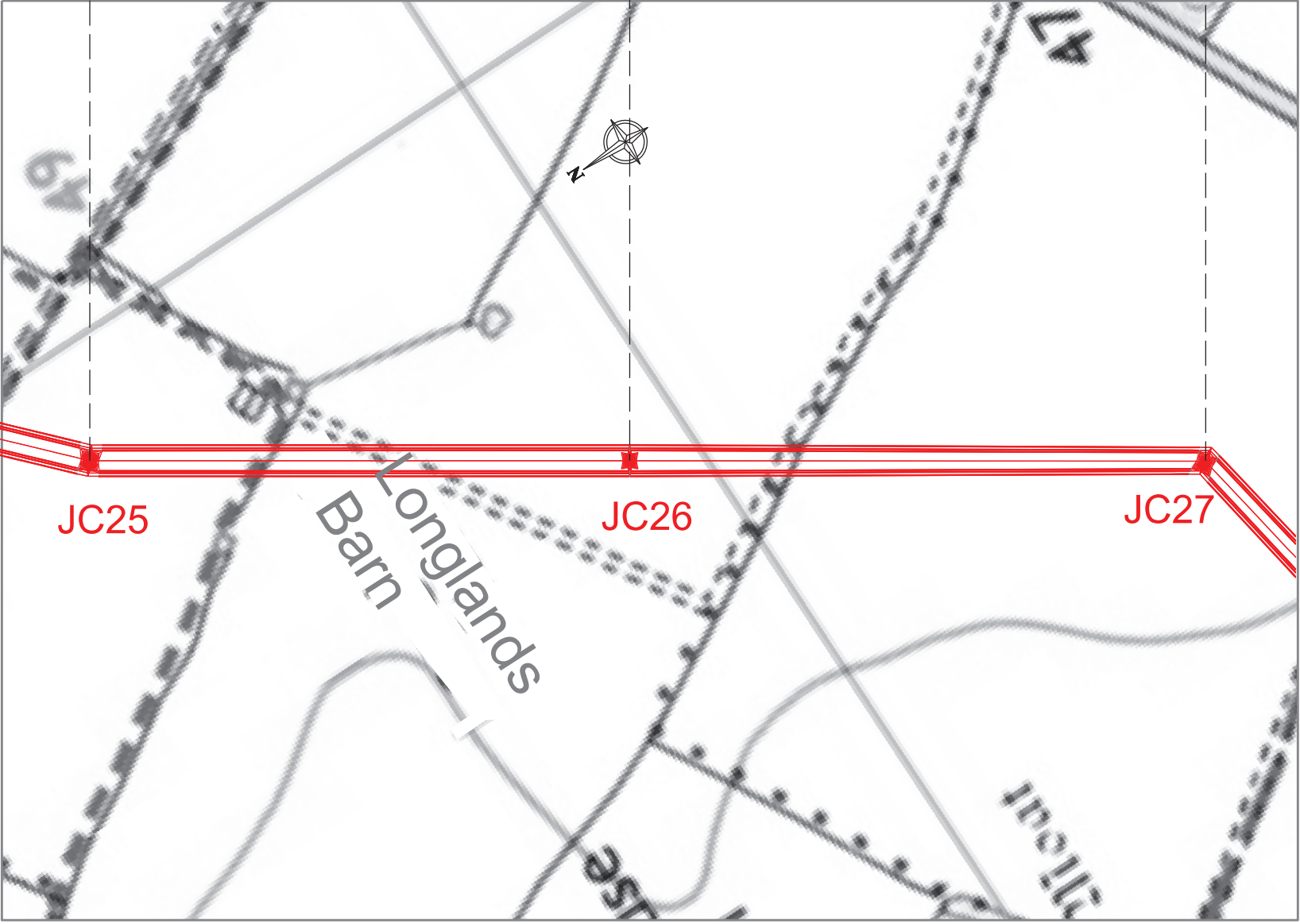
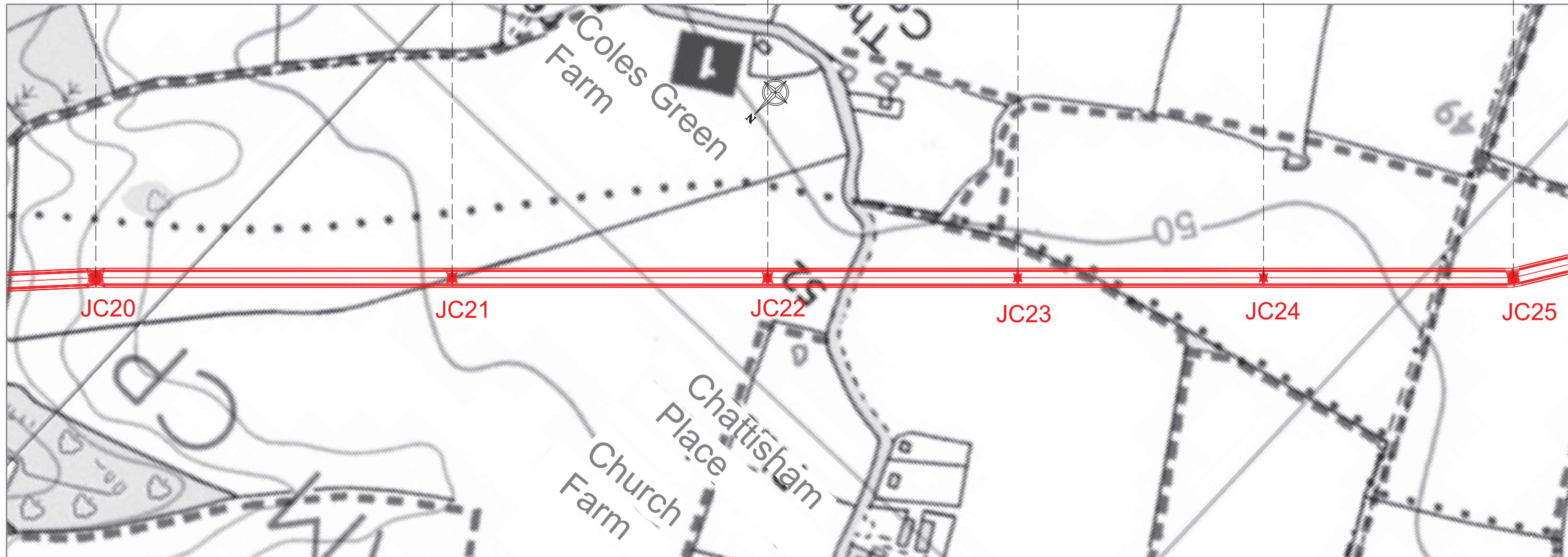
PATH

PATH

TRACK

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0 100 200 300 400 500 600 700 800



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JC ROUTE
REGULATION 5(2)(o)
SECTION C, SHEET 3 OF 4
BABERGH DISTRICT COUNCIL

nationalgrid

PINS Application Number			
EN020027			
National Grid Drawing Reference			
AENC-LSTC-ENG-DWG-0005-3			
Scale	Sheet Size	Sheet	Issue
Hz = 1:4000 Vert = 1:400	A0	SHEET 3 OF 4	A

THE NATIONAL GRID (NORWICH TO TILBURY) ORDER
INDICATIVE OVERHEAD LINE PROFILE JC ROUTE
REGULATION 5(2)(o)
SECTION C, SHEET 4 OF 4
BABERGH DISTRICT COUNCIL

Application Document 2.7

Legend

180
170
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0

180
170
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0

JC27
Height=52.1m
Line Angle=46°48'28"
New Pylon

JC28
Height=50.8m
New Pylon

JC29
Height=47.8m
New Pylon

JC30
Height=50.8m
New Pylon

JC31
Height=50.8m
New Pylon

JC32
Height=45.7m
Line Angle=-19°11'07"
New Pylon

JC33
Height=48.7m
Line Angle=-16°36'04"
New Pylon

JC34
Height=15m
New Full Line
Tension Gantry

JC33
Height=48.7m
Line Angle=-27°08'05"
New Pylon

JC35
Height=15m
New Full Line
Tension Gantry

340

314

288

357

267

272

204

189

TRACK

PATH

PATH

TRACK

PATH

0

100

200

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

0

100

200

300

0

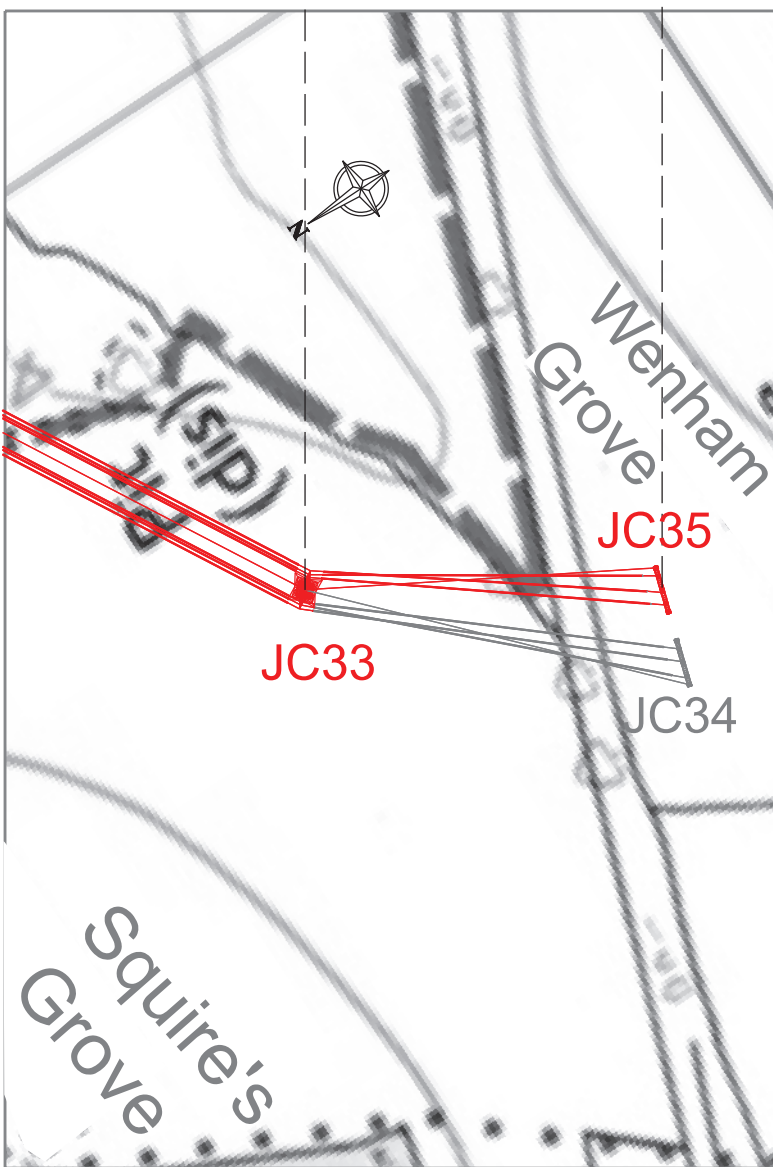
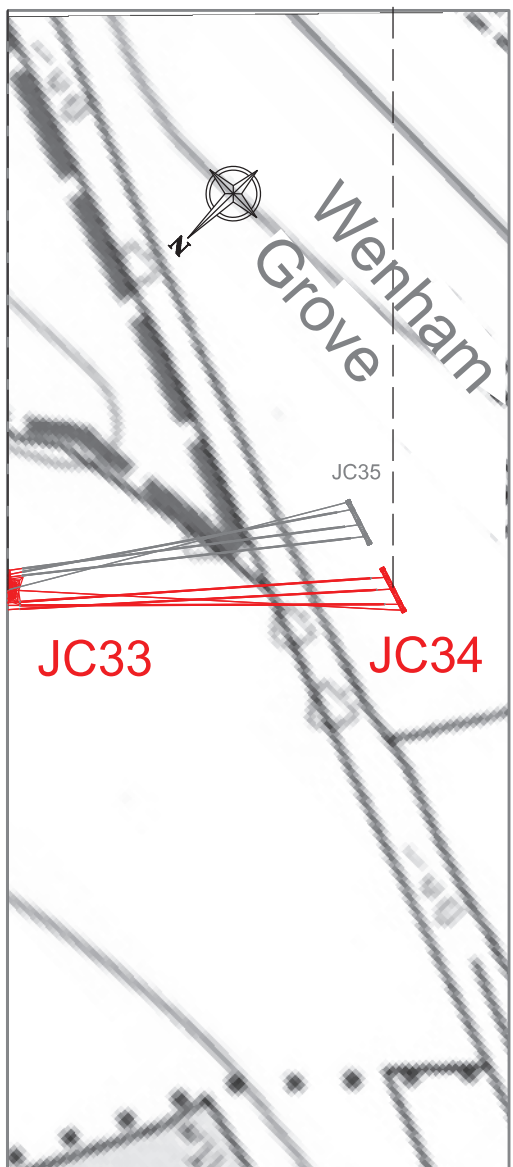
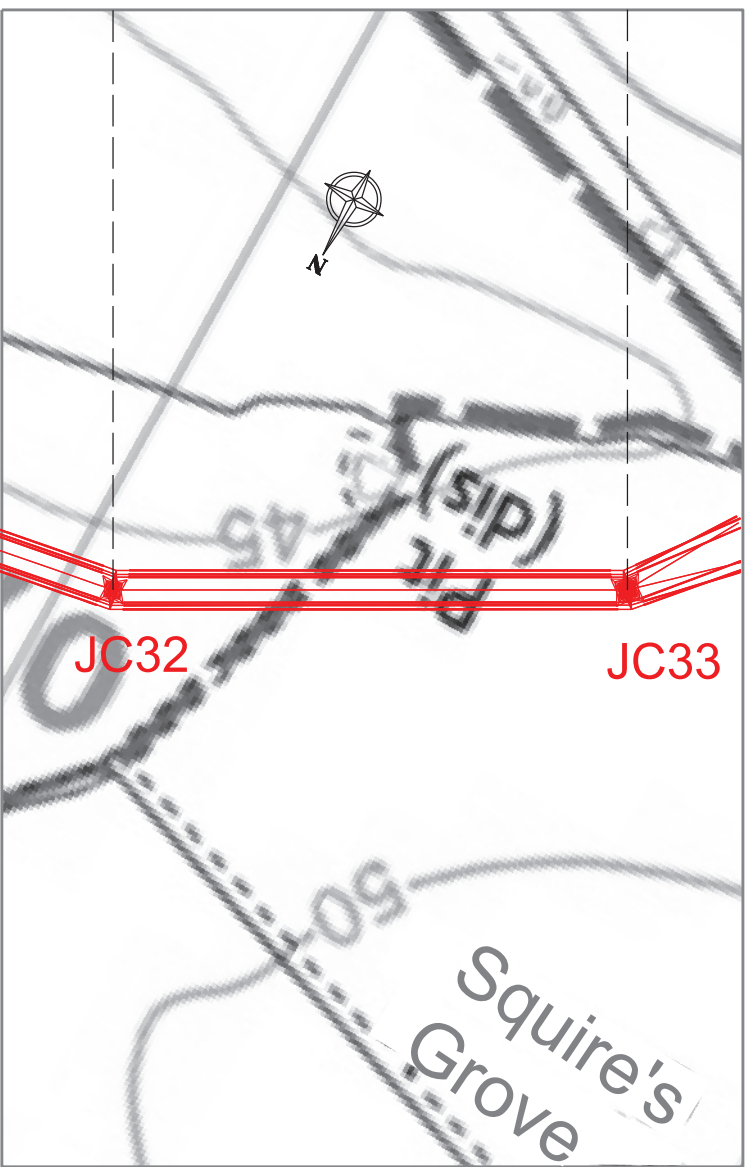
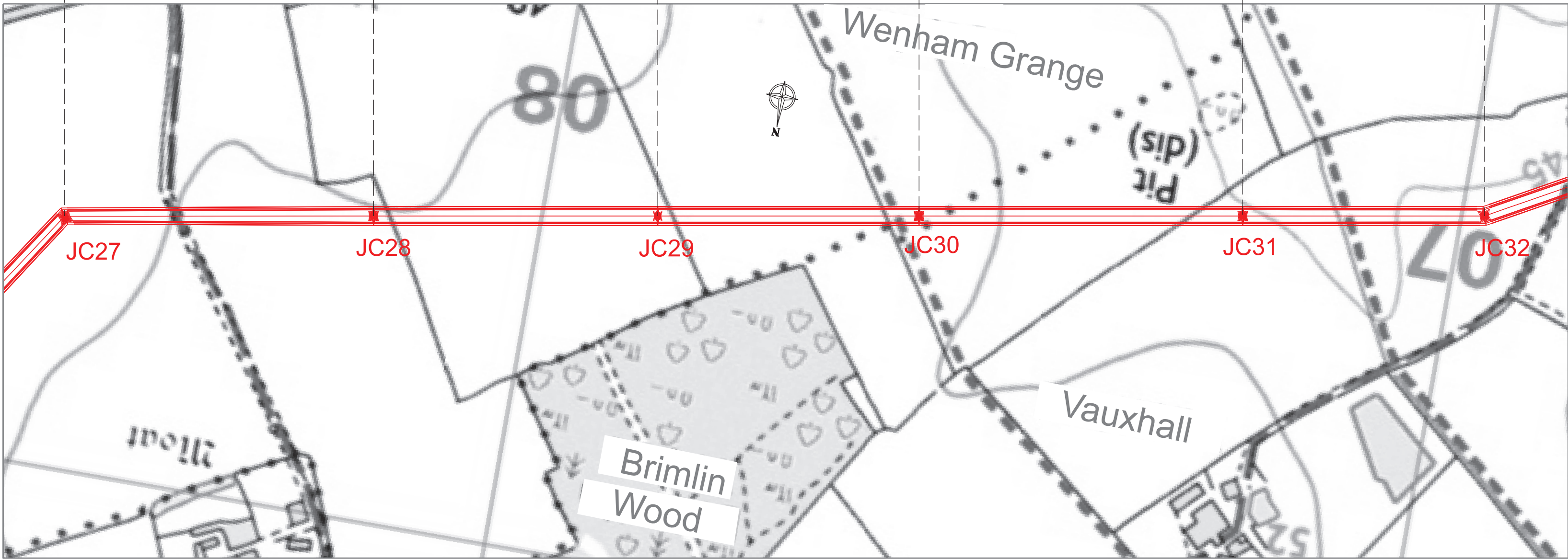
100

200

0

100

200



- Notes
1. These plans are indicative and will sit within the Order Limits. Due to the need for future flexibility, National Grid will be applying for Order Limits and Limits of Deviation within its DCO, within which any final alignment would lie. The height of the pylon (including conductors and associated overhead line elements) may change subject to the Limits of Deviation.
 2. For additional detail on the plan suites, please refer to the Guide to the Plans (document reference 2.0), located in Volume 2 of the DCO Application.
 3. All dimensions are approximate and indicated in metres (m) unless noted otherwise.
 4. This drawing is scaled at paper size A0, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.
 5. These drawings are provided for information only. They should be read alongside the Works Plans (document reference 2.3).
 6. Proposed profiles based on statutory safety clearances.
 7. The voltage of the overhead line shown is 400 kV.

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A	AUG-2025	For DCO submission	FE	BK	KR
Issue	Date	Remarks	Drawn	Checked	Approved

Title

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