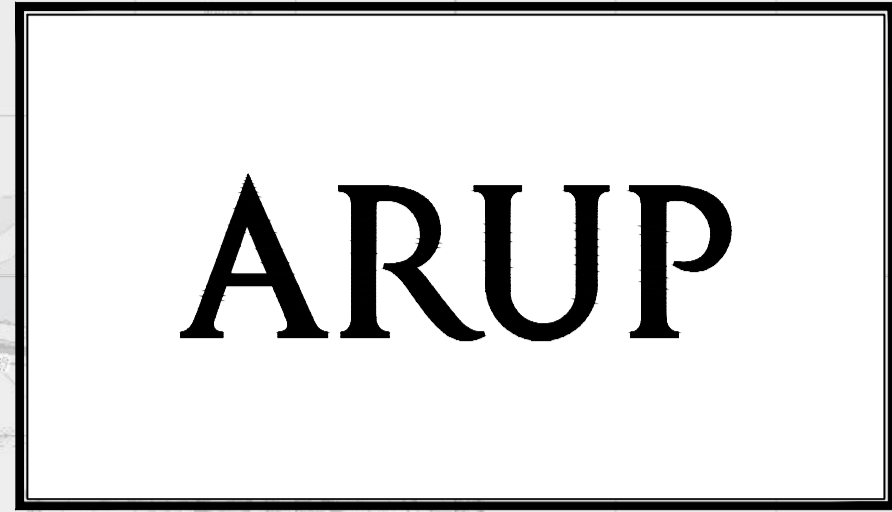




Appendix B3
Mainline Plan and Profile



BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS

TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME

MAINLINE PLAN AND PROFILE

DRAWING SERIES NUMBER(S)

BCIDC-ARP-GEO_IX-1012_ML_00-DR-CR-0001

BCIDC-ARP-GEO_KP-1012_ML_00-DR-CR-0001

BCIDC-ARP-GEO_HV-1012_ML_00-DR-CR-0001 to 0038

DRAWING SERIES DESCRIPTION

TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME. MAINLINE PLAN AND PROFILE. COVER SHEET

TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME. MAINLINE PLAN AND PROFILE. KEY PLAN

TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME. MAINLINE PLAN AND PROFILE

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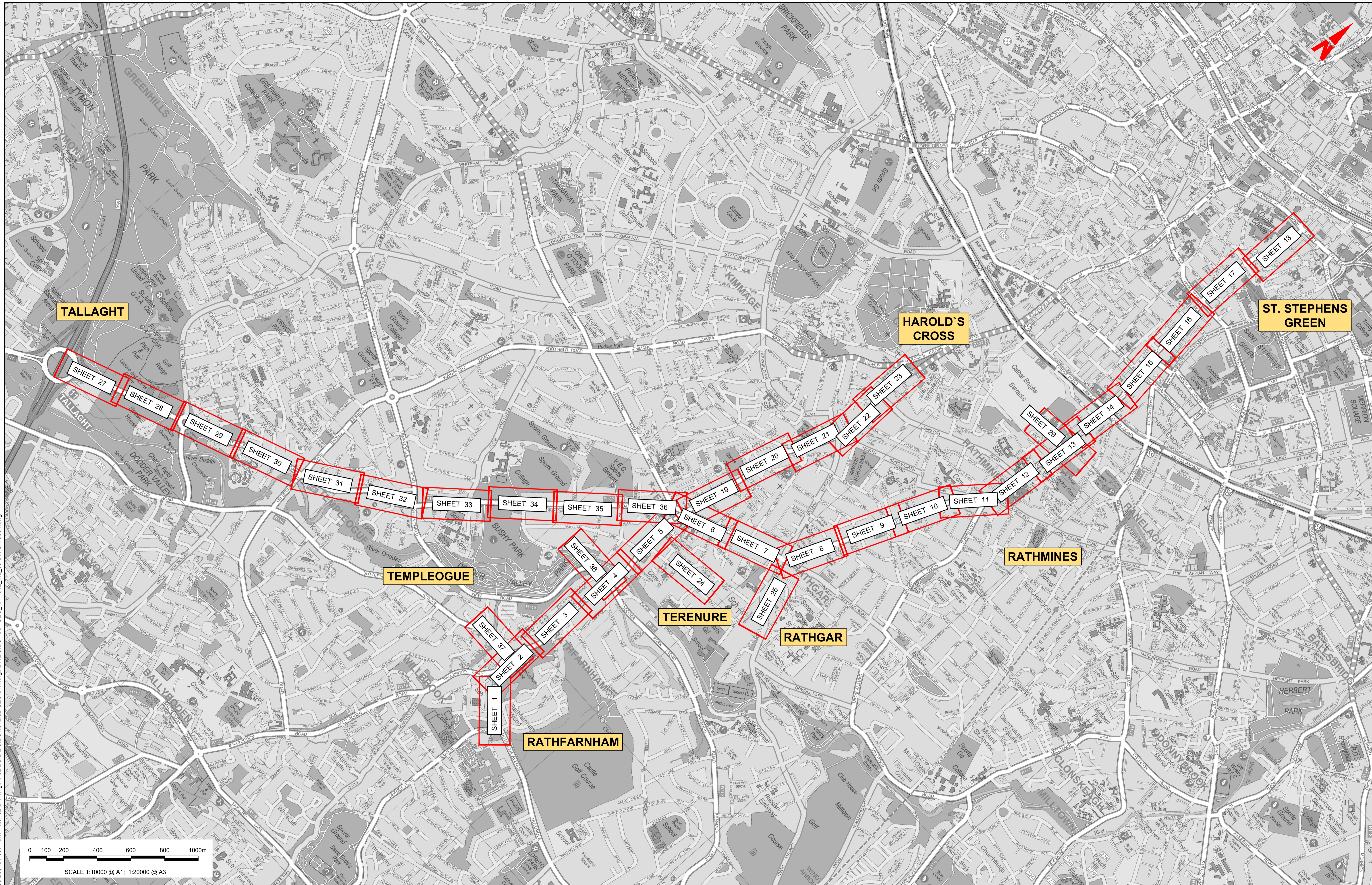


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Client NTA Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer ARUP		
Date 27/01/2023	Scale N/A @ A1 N/A @ A3	Drawn SK	Checked CMG	Approved DC
Project Code BCIDC	Originator Code ARP	QMS Code 268401-00		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE COVER SHEET				
Drawing File Name BCIDC-ARP-GEO_IX-1012_ML_00-DR-CR-0001	Sheet Number 01 of 01	Status A	Rev M01	

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Client: **NTA**
 Údarás Náisiúnta Iompair
 National Transport Authority

Engineering Designer: **ARUP**

Date	Scale	Drawn	Checked	Approved
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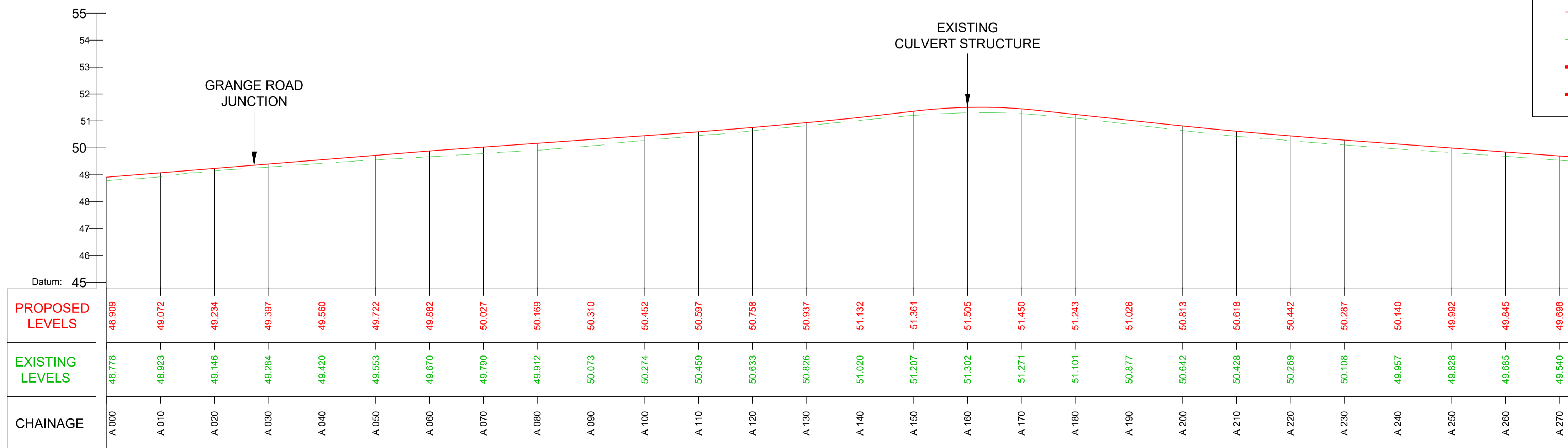
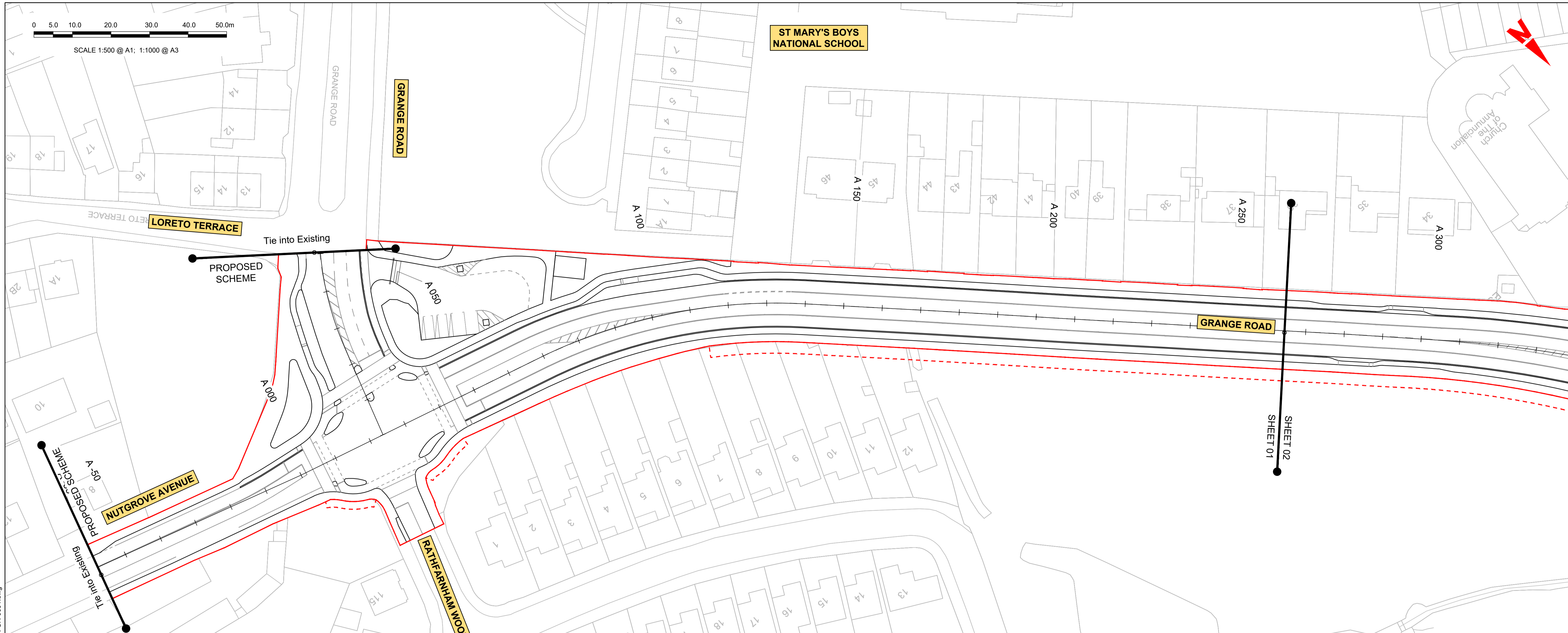
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BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS	TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE KEY PLAN	BCIDC-APP-GEO_KP-1012_ML_00-DR-CR-0001	01 of 01	A	M01

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SCALE 1:500 @ A1; 1:1000 @ A3



LEGEND:

- PROPOSED GROUND PROFILE
- EXISTING GROUND PROFILE
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

GEO_HV-0012_ML_01-M3-CR-001-A01 LONGITUDINAL SECTION
SCALE: H 1:500, V 1:100

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NTA
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ARUP

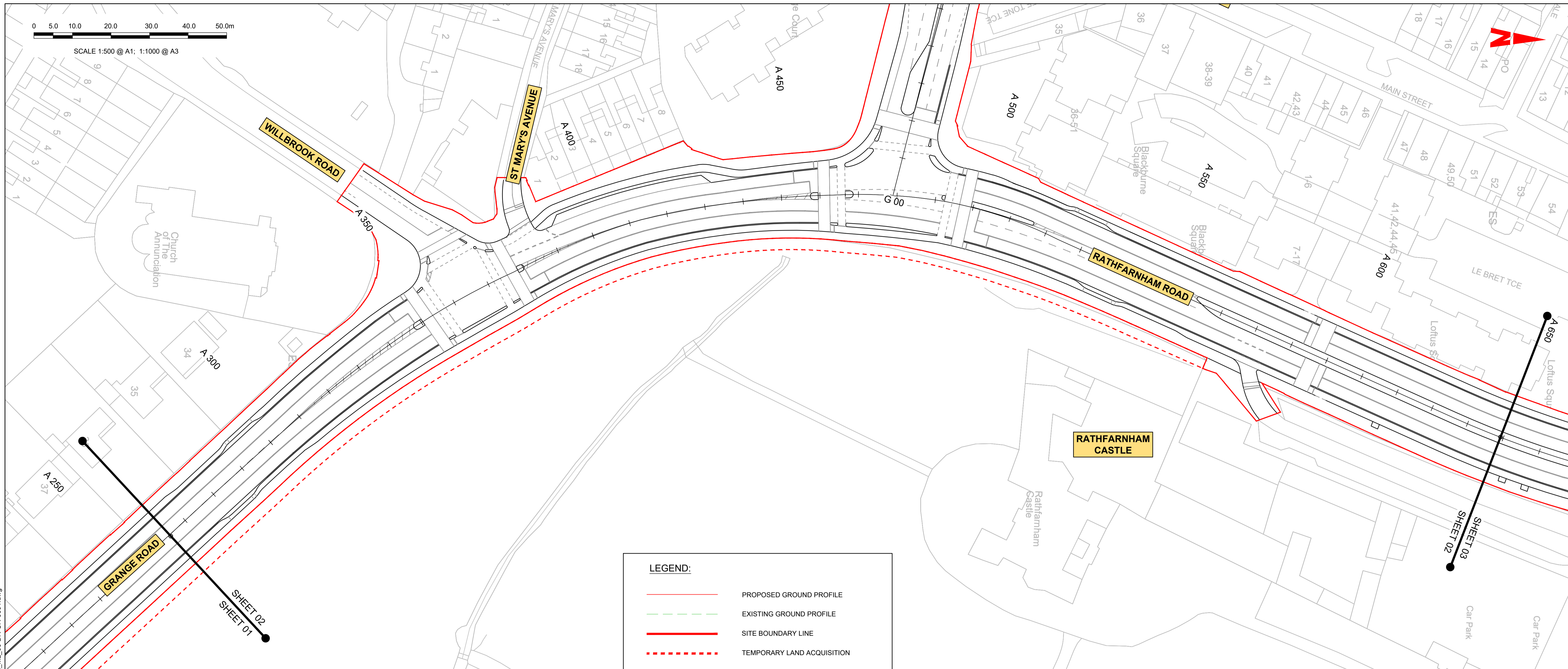
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BCIDC	ARP	268401-00		Drawing File Name	Sheet Number	Status
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				Rev	M01	

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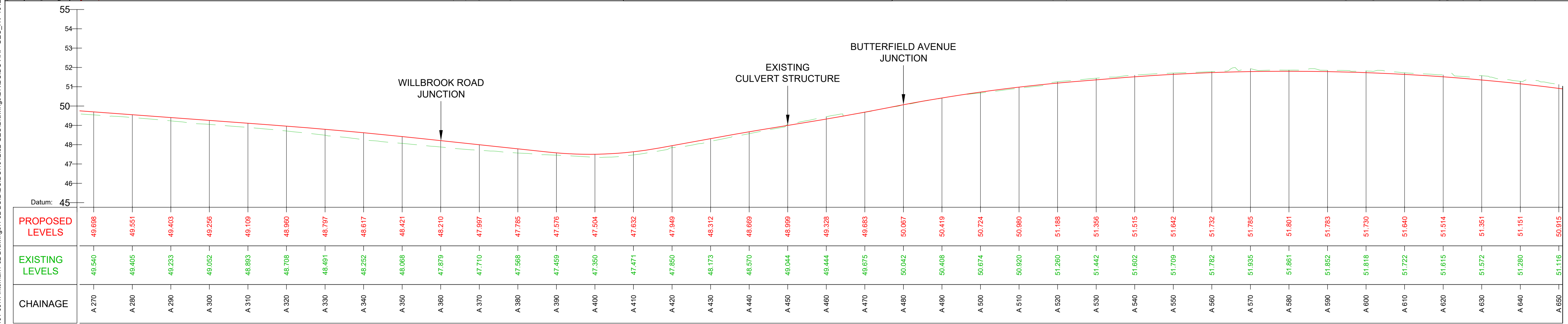
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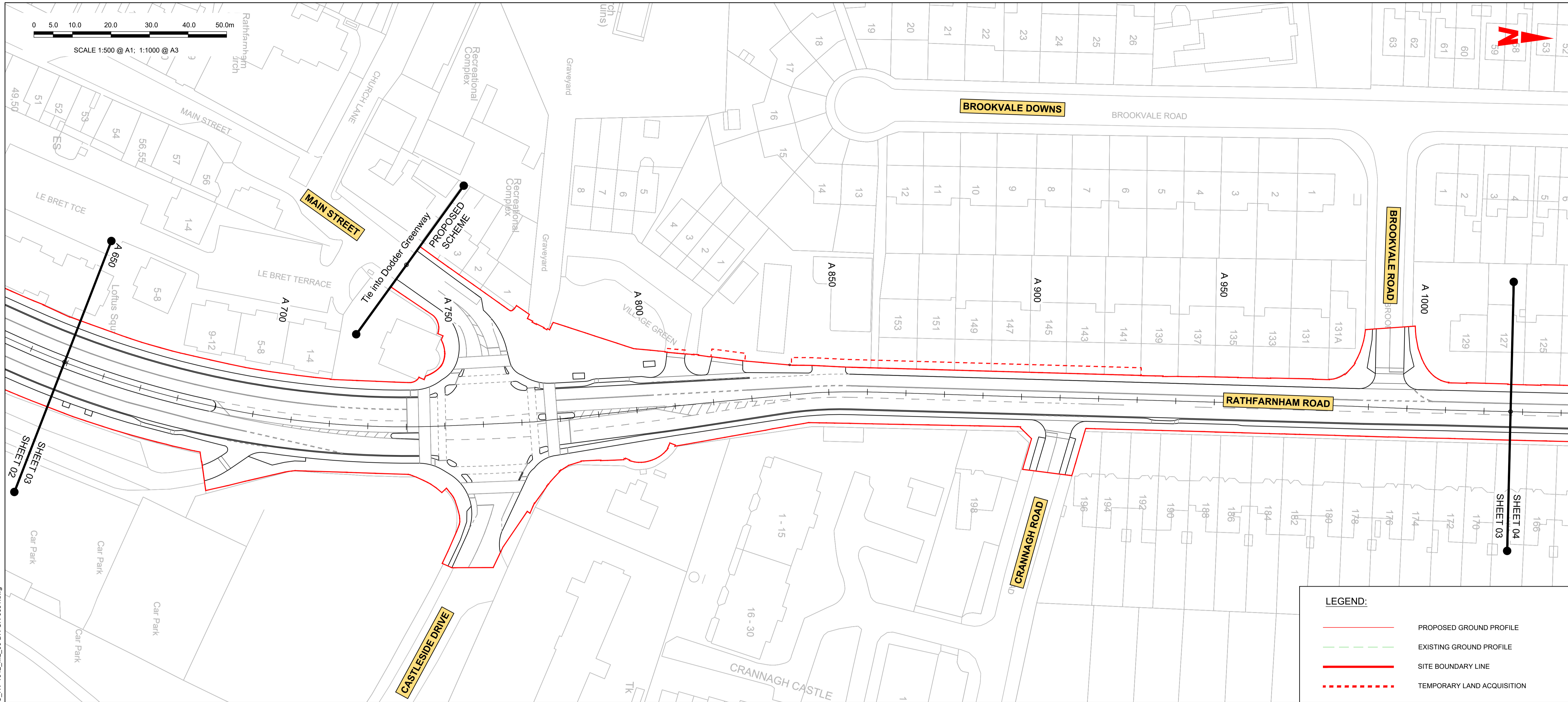
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- - - EXISTING GROUND PROFILE
- = SITE BOUNDARY LINE
- - - TEMPORARY LAND ACQUISITION



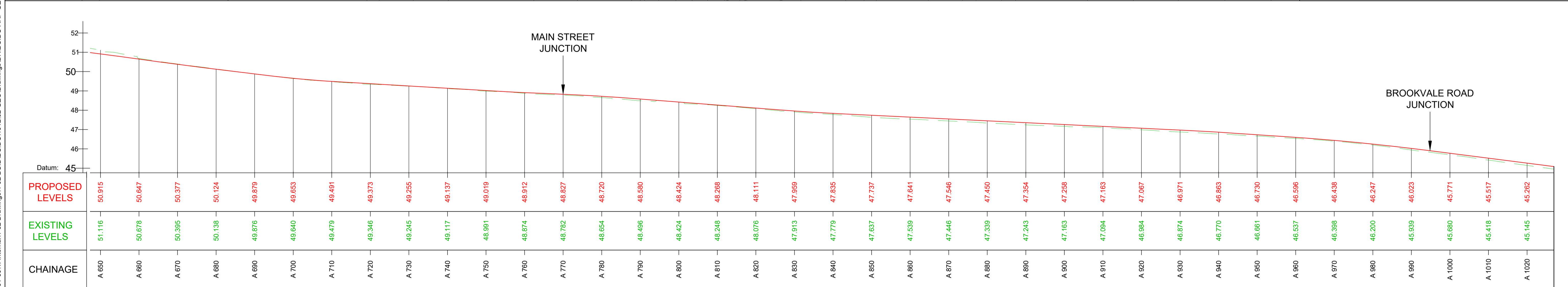
GEO_HV-0012_ML_01-M3-CR-0001-A01 LONGITUDINAL SECTION
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LEGEND:

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- - - EXISTING GROUND PROFILE
- SITE BOUNDARY LINE
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GEO_HV-0012_ML_01-M3-CR-0001-A01 LONGITUDINAL SECTION
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 National Transport Authority

Engineering Designer: **ARUP**

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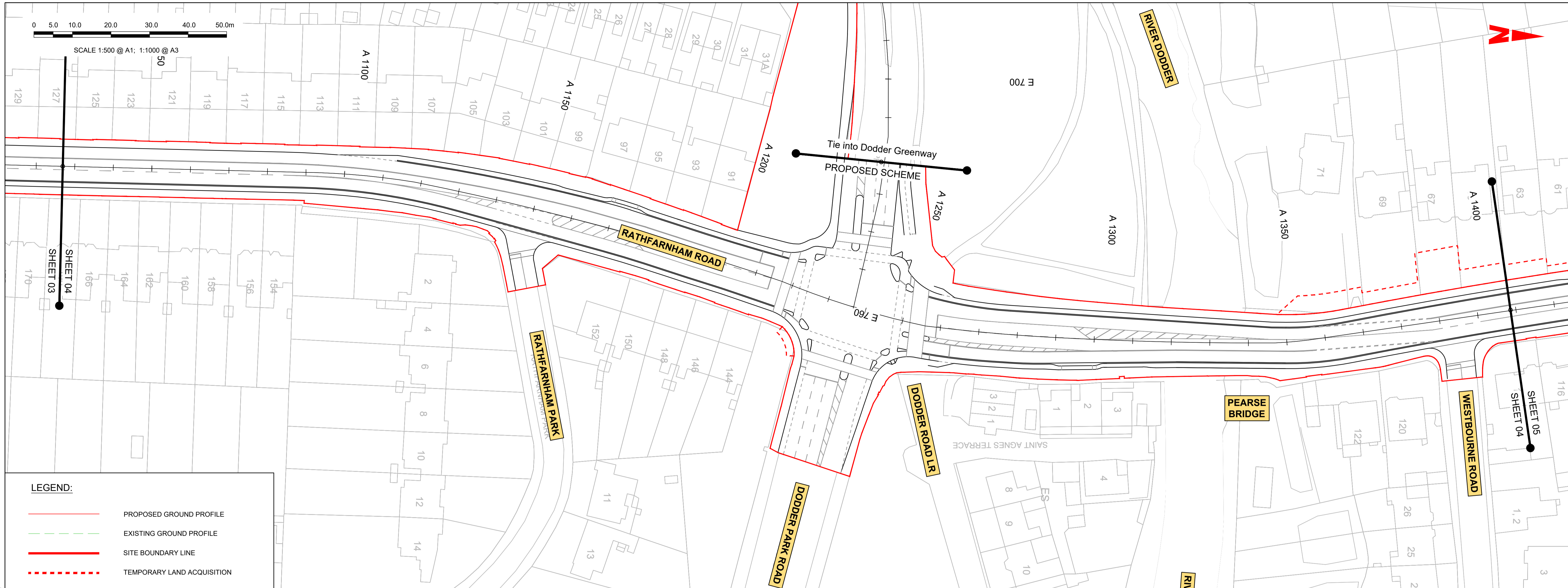
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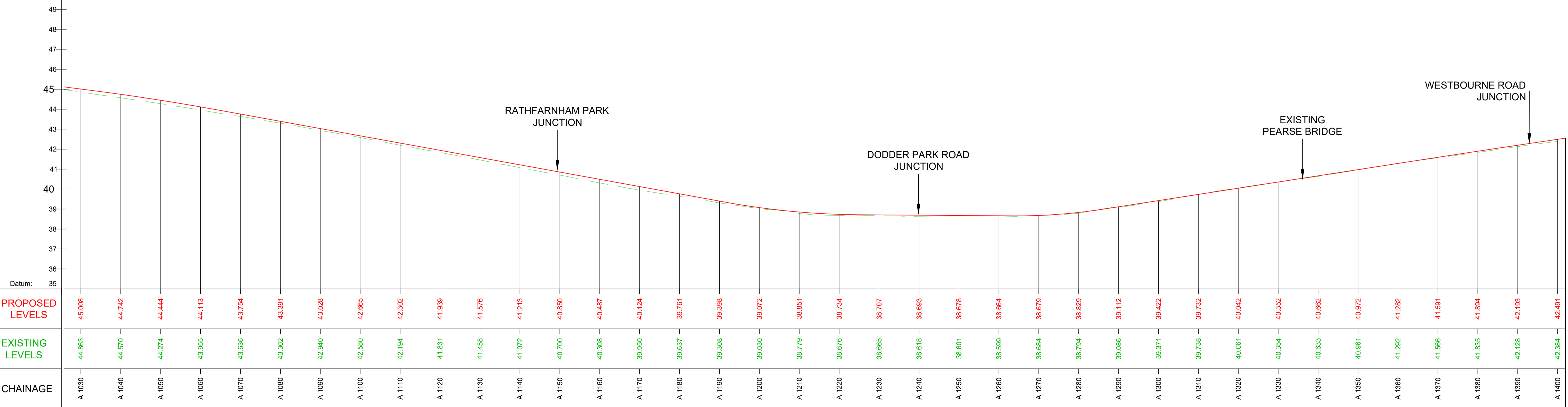
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LEGEND:

- PROPOSED GROUND PROFILE
- EXISTING GROUND PROFILE
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION



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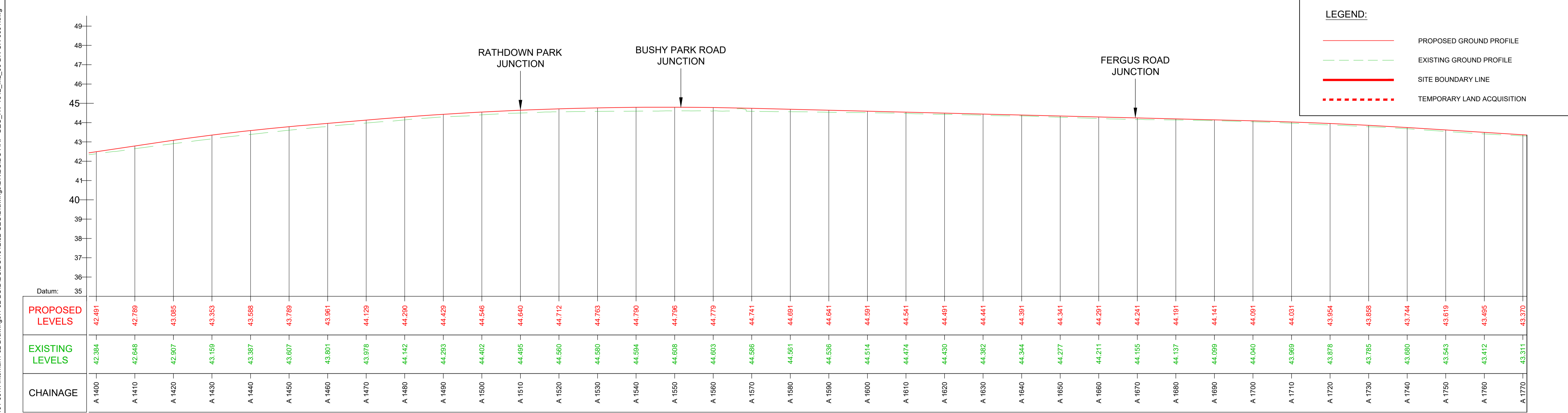
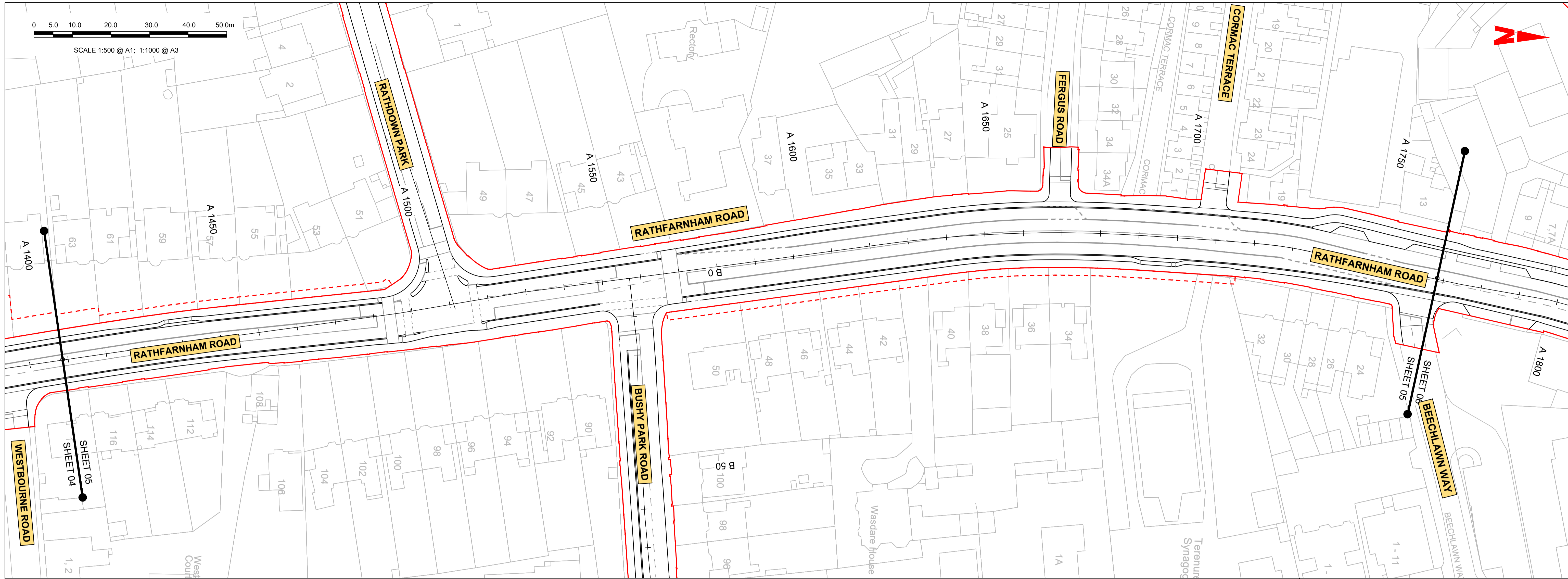
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Údarás Náisiúnta Iompair
National Transport Authority

Engineering Designer: **ARUP**

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Drawing File Name: BCIDC-ARP-GEO_HV-1042_ML_00-DR-CR-0001	Sheet Number: 04 of 38	Status: A	Rev: M01



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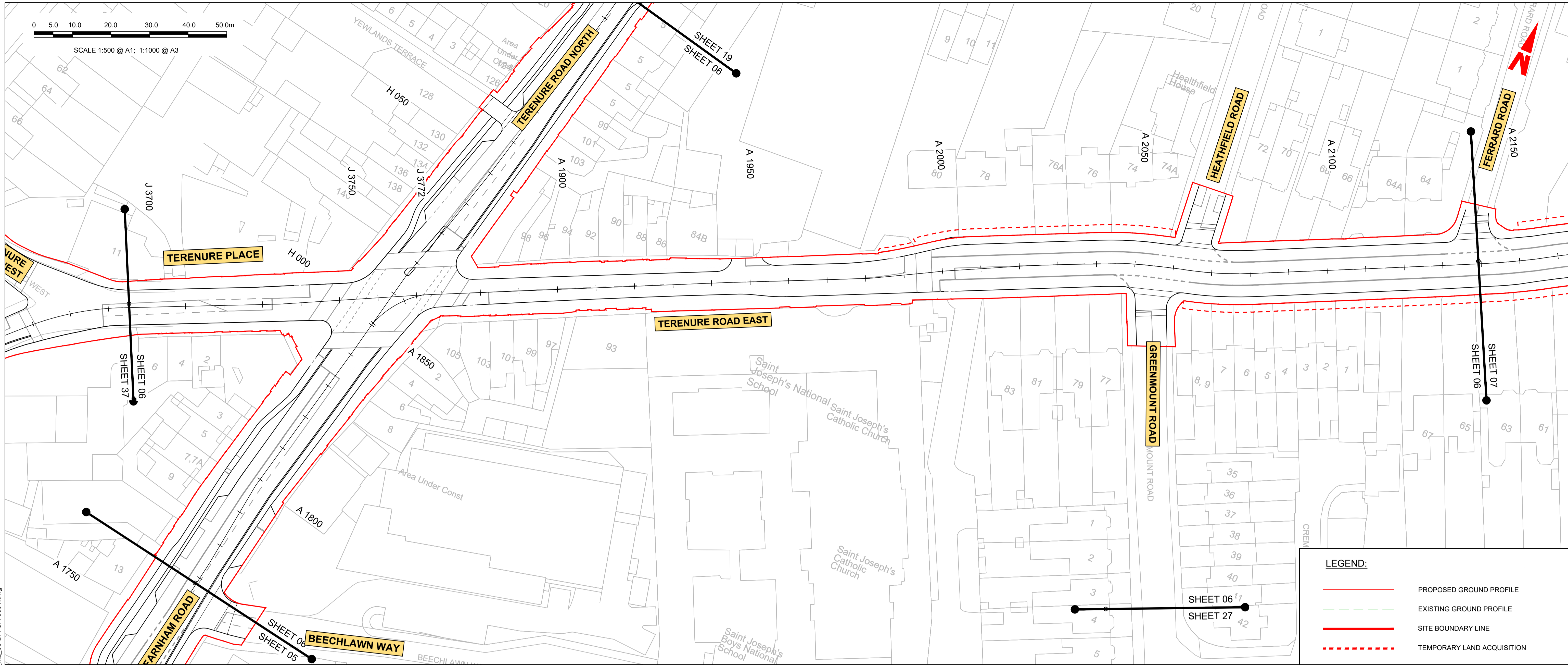
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Project Code: BCIDC | Originator Code: ARP | QMS Code: 268401-00

Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

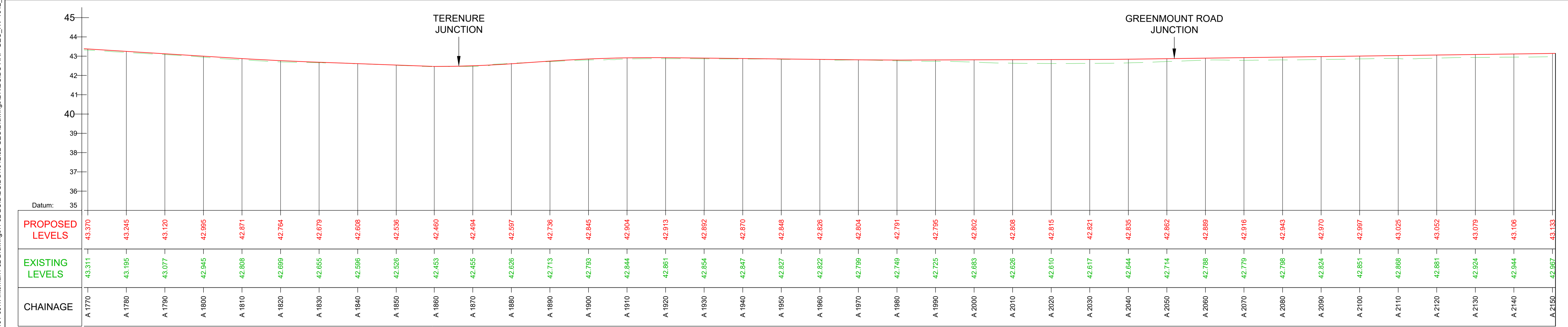
Drawing Title: **TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE**

Drawing File Name: BCIDC-ARP-GEO_HV-1052_ML_00-DR-CR-0001 | Sheet Number: 05 of 38 | Status: A | Rev: M01



LEGEND:

- PROPOSED GROUND PROFILE
- - - EXISTING GROUND PROFILE
- - - SITE BOUNDARY LINE
- - - TEMPORARY LAND ACQUISITION



GEO_HV-0012_ML_01-M3-CR-001-A01 LONGITUDINAL SECTION
SCALE: H 1:500, V 1:100

GEO_HV-0012_ML_01-M3-CR-001-A02 LONGITUDINAL SECTION
SCALE: H 1:500, V 1:100

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<p>DO NOT SCALE USE FIGURED DIMENSIONS ONLY</p>																																																																						

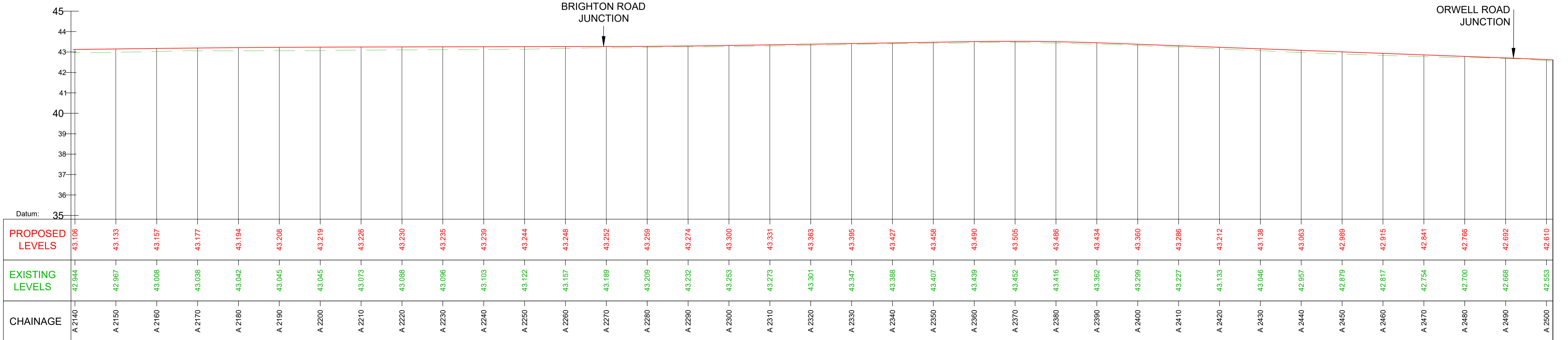
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SCALE 1:500 @ A1; 1:1000 @ A3



LEGEND:

- PROPOSED GROUND PROFILE
- - - EXISTING GROUND PROFILE
- SITE BOUNDARY LINE
- - - TEMPORARY LAND ACQUISITION



GEO_HV-0012_ML_01-M3-CR-0001-A02 LONGITUDINAL SECTION
SCALE: H 1:500, V 1:100

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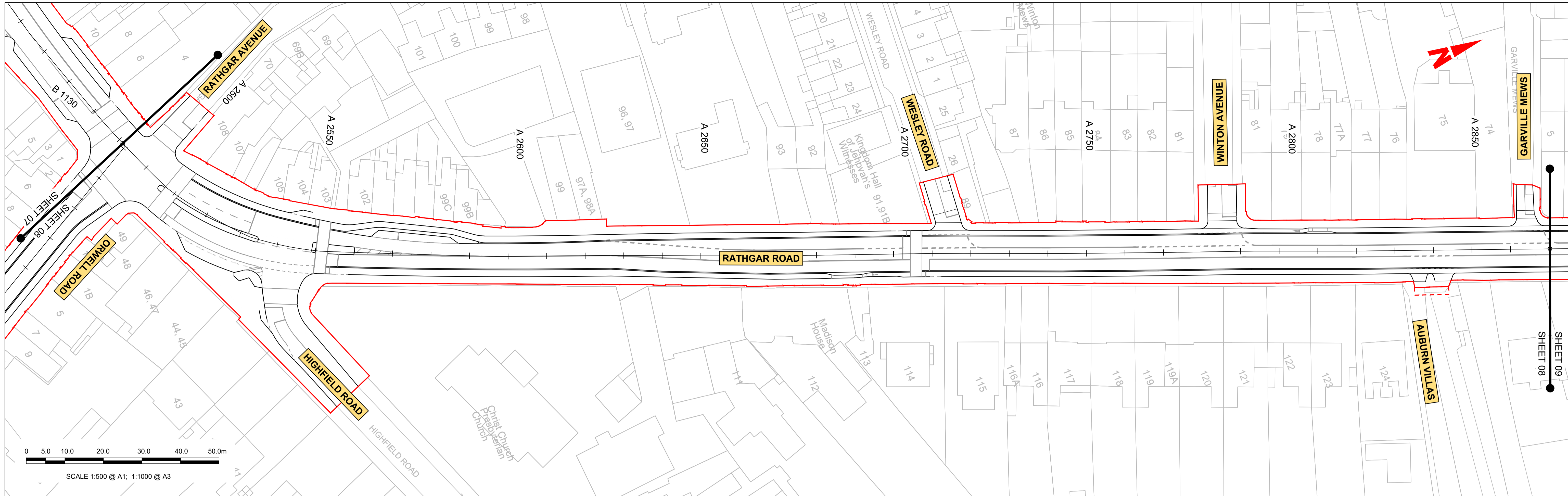
Rev	Date	Dwn	Chk'd	App'd	Description
M01	27/01/2023	GMt	CMG	DC	ISSUE FOR PHASE 4: PLANNING

 Date: 27/01/2023		Scale: 1:500 @ A1 1:1000 @ A3		Drawn: GMt Checked: CMG Approved: DC	
Project Code: BCIDC Originator Code: ARP		Engineering Designer: ARUP QMS Code: 268401-00			

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE			
Drawing File Name: BCIDC-ARP-GEO_HV-1072_ML_00-DR-CR-0001	Sheet Number: 07 of 38	Status: A	Rev: M01

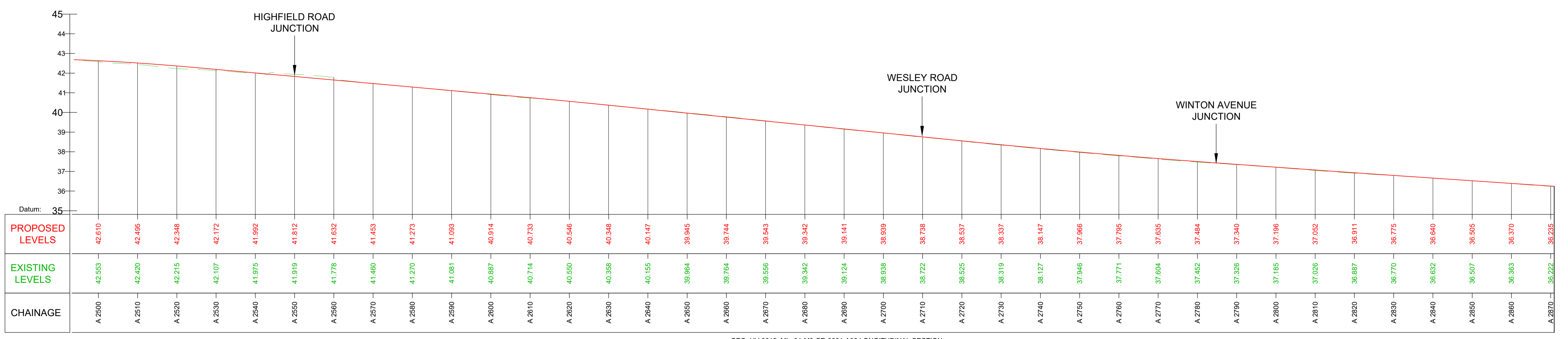
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LEGEND:

	PROPOSED GROUND PROFILE
	EXISTING GROUND PROFILE
	SITE BOUNDARY LINE
	TEMPORARY LAND ACQUISITION



GEO_HV-0012_ML_01-M3-CR-0001-A02 LONGITUDINAL SECTION
SCALE: H 1:500, V 1:100

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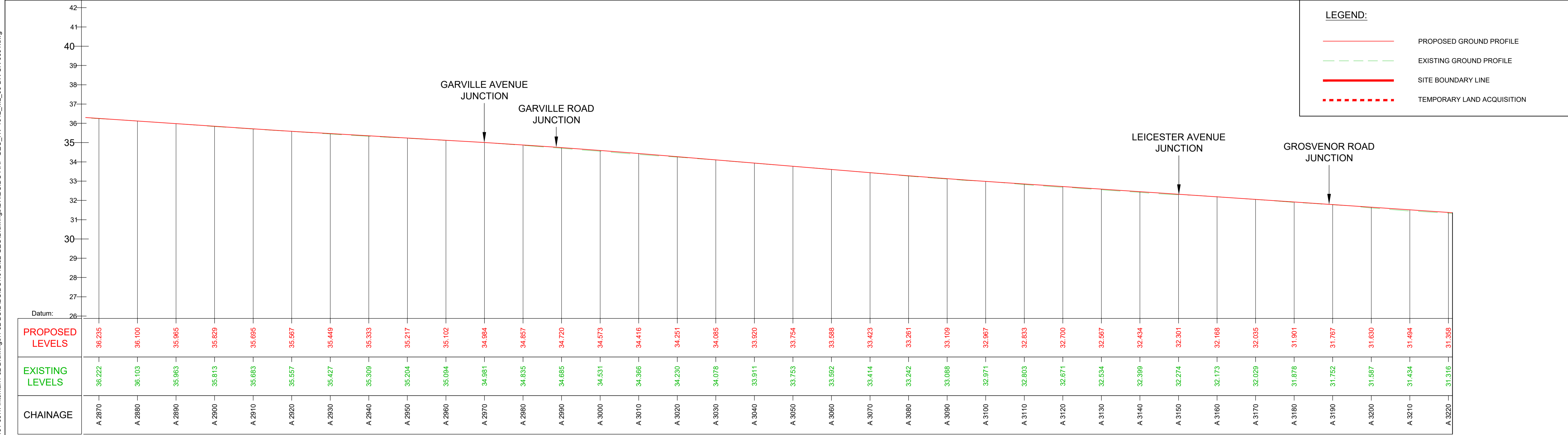
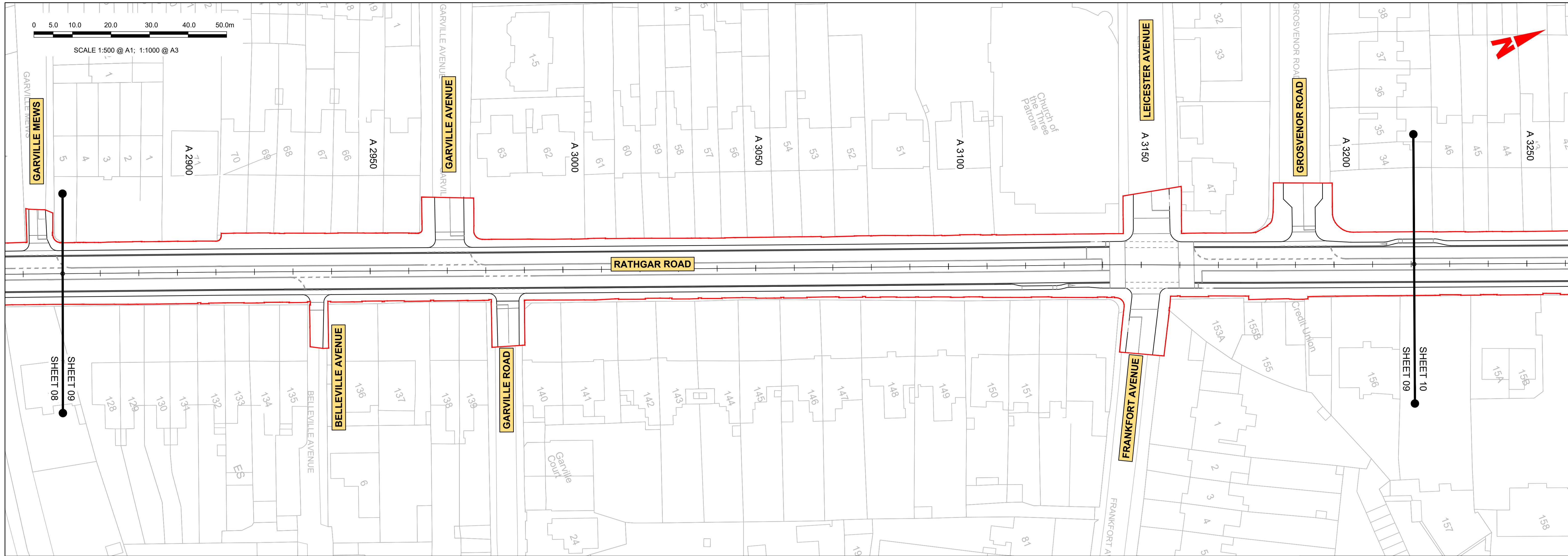
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Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMcT	CMG	DC	ISSUE FOR PHASE 4: PLANNING

 Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer 		
Date	Scale	Drawn	Checked	Approved
27/01/2023	1:500 @ A1 1:1000 @ A3	GMcT	CMG	DC
Project Code	Originator Code	QMS Code		
BCIDC	ARP	268401-00		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE			
Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-GEO_HV-1082_ML_00-DR-CR-0001	08 of 38	A	M01



LEGEND:

- PROPOSED GROUND PROFILE (Red solid line)
- EXISTING GROUND PROFILE (Green dashed line)
- SITE BOUNDARY LINE (Red thick solid line)
- TEMPORARY LAND ACQUISITION (Red dotted line)

GEO_HV-0012_ML_01-M3-CR-0001-A02 LONGITUDINAL SECTION
SCALE: H 1:500, V 1:100

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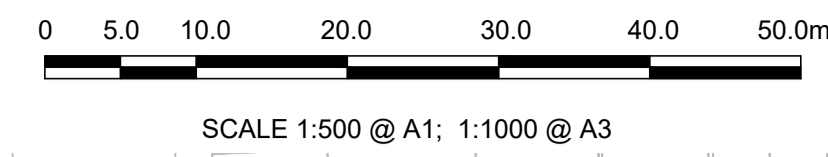
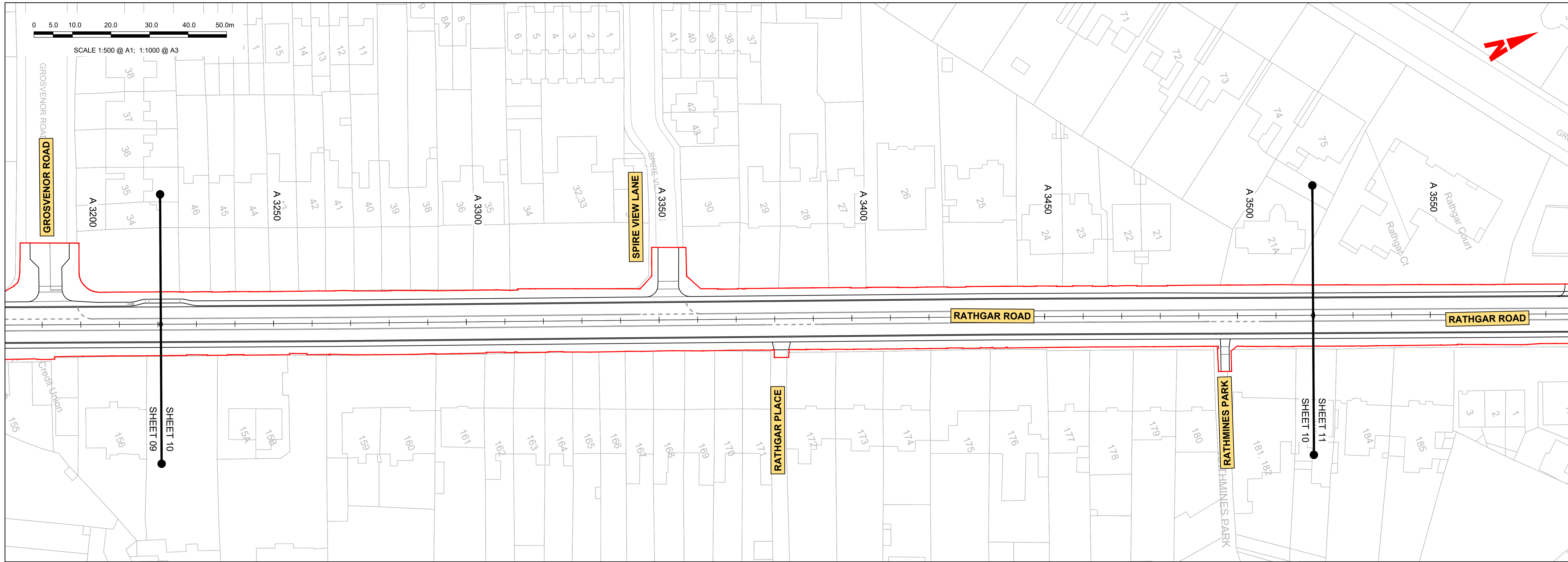
Client: **NTA**
 Údarás Náisiúnta Iompair
 National Transport Authority

Engineering Designer: **ARUP**

Date: 27/01/2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: GMtC | Checked: CMG | Approved: DC

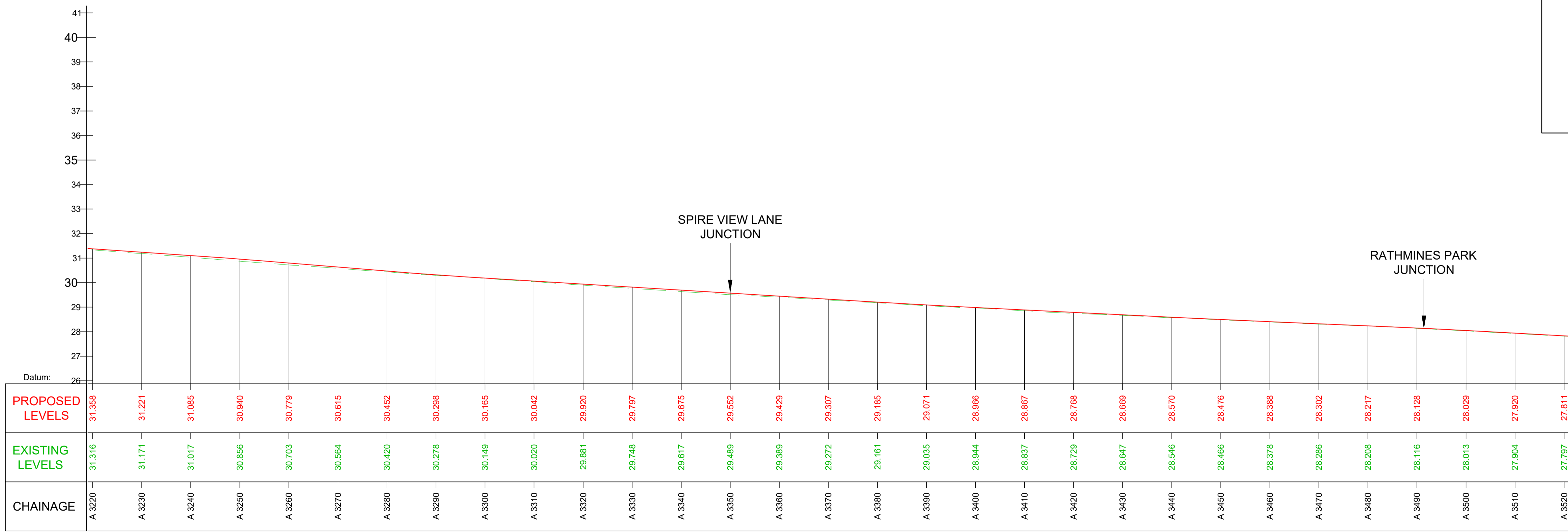
Project Code: BCIDC | Originator Code: ARP | QMS Code: 268401-00

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE			
Drawing File Name: BCIDC-ARP-GEO_HV-1092_ML_00-DR-CR-0001	Sheet Number: 09 of 38	Status: A	Rev: M01



LEGEND:

- PROPOSED GROUND PROFILE
- - - EXISTING GROUND PROFILE
- SITE BOUNDARY LINE
- - - TEMPORARY LAND ACQUISITION



GEO_HV-0012_ML_01-M3-CR-0001-A02 LONGITUDINAL SECTION
SCALE: H 1:500, V 1:100

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Rev	Date	Drm	Chk'd	App'd	Description
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Client: **NTA**
Údarás Náisiúnta Iompair
National Transport Authority

Engineering Designer: **ARUP**

Date: 27/01/2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: GMcT | Checked: CMG | Approved: DC

Project Code: BCIDC | Originator Code: ARP | QMS Code: 268401-00

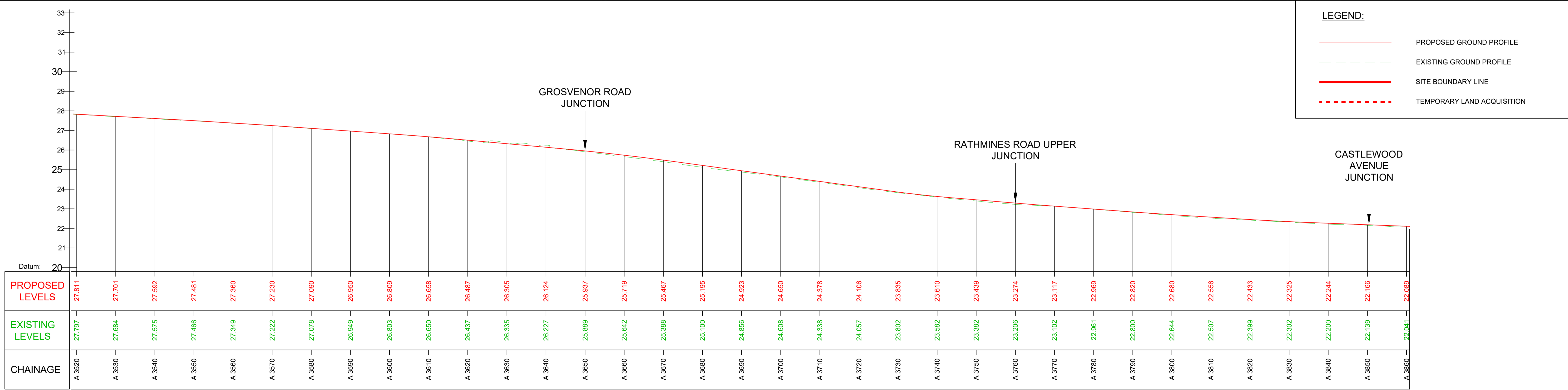
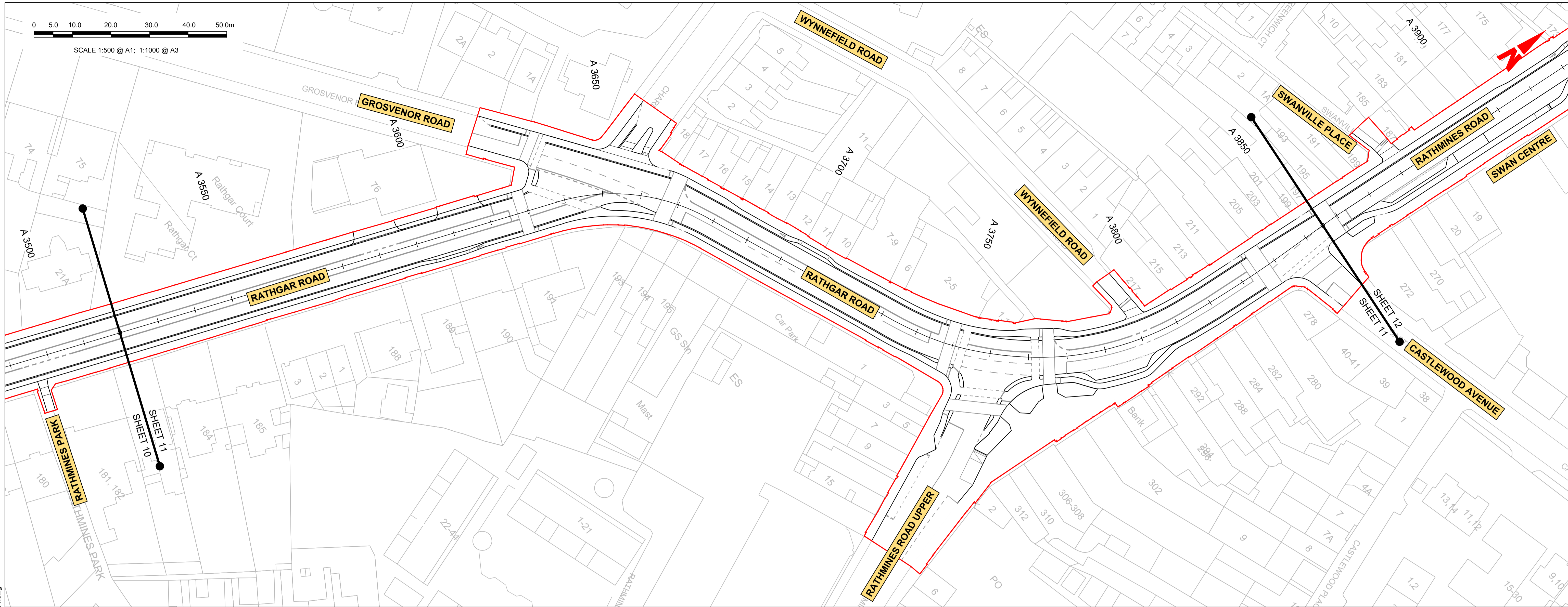
Programme Title: **BUSCONNECTS DUBLIN**
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME
MAINLINE PLAN AND PROFILE

Drawing File Name: BCIDC-ARP-GEO_HV-1102_ML_00-DR-CR-0001 | Sheet Number: 10 of 38 | Status: A | Rev: M01

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GEO_HV-0012_ML_01-M3-CR-0001-A02 LONGITUDINAL SECTION
SCALE: H 1:500, V 1:100

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Client: **NTA**
 Údarás Náisiúnta Iompair
 National Transport Authority

Engineering Designer: **ARUP**

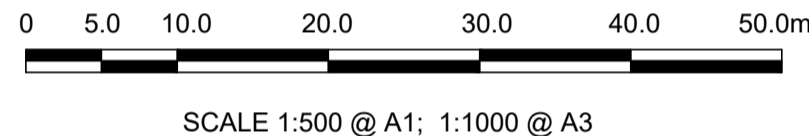
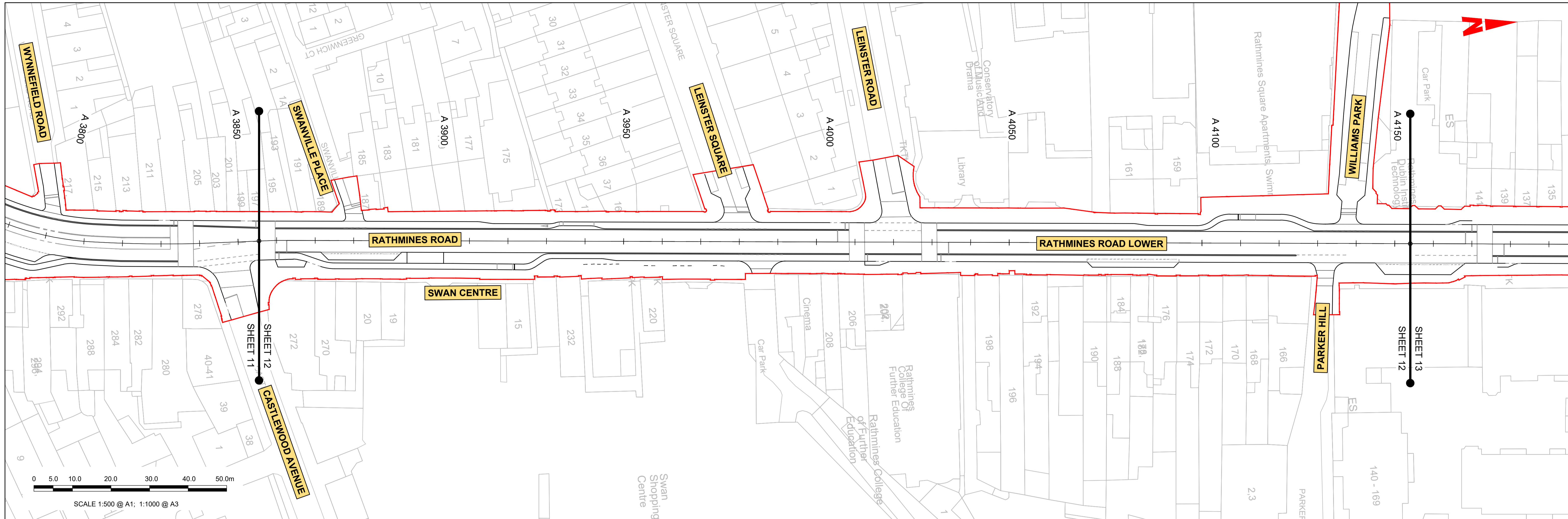
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Project Code: BCIDC | Originator Code: ARP | QMS Code: 268401-00

Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

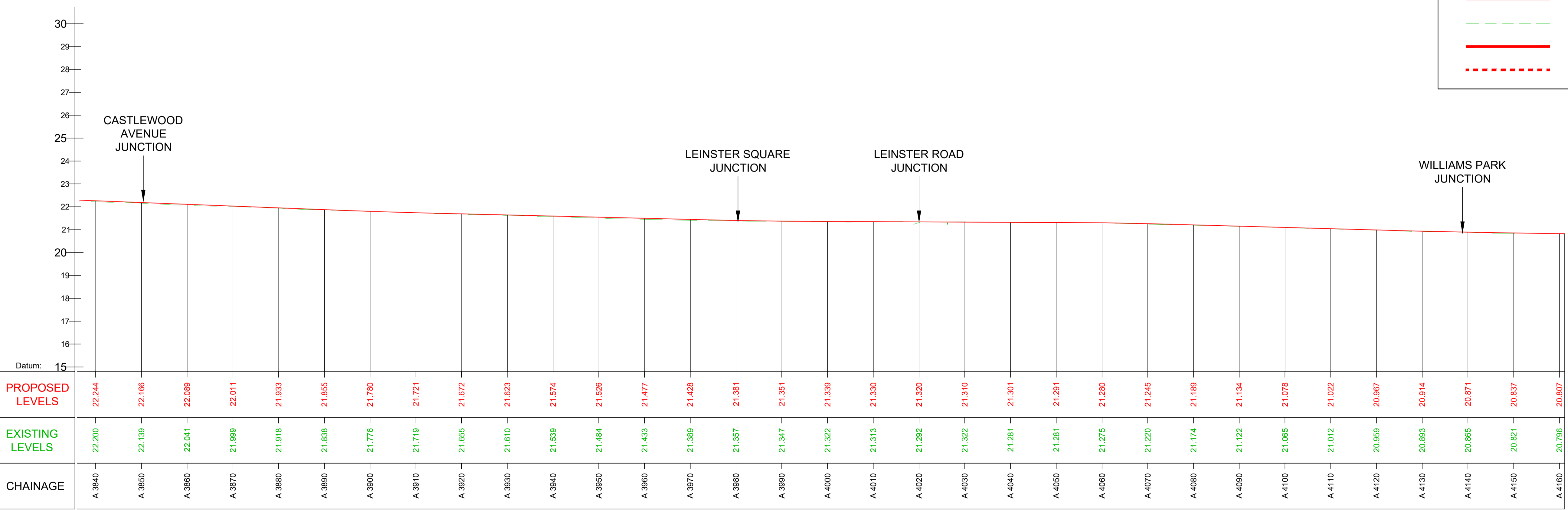
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Drawing File Name: BCIDC-ARP-GEO_HV-1112_ML_00-DR-CR-0001 | Sheet Number: 11 of 38 | Status: A | Rev: M01



LEGEND:

	PROPOSED GROUND PROFILE
	EXISTING GROUND PROFILE
	SITE BOUNDARY LINE
	TEMPORARY LAND ACQUISITION



GEO_HV-0012_ML_01-M3-CR-0001-A02 LONGITUDINAL SECTION
SCALE: H 1:500, V 1:100

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Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMtC	CMG	DC	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**
 Údarás Náisiúnta Iompair
 National Transport Authority

Engineering Designer: **ARUP**

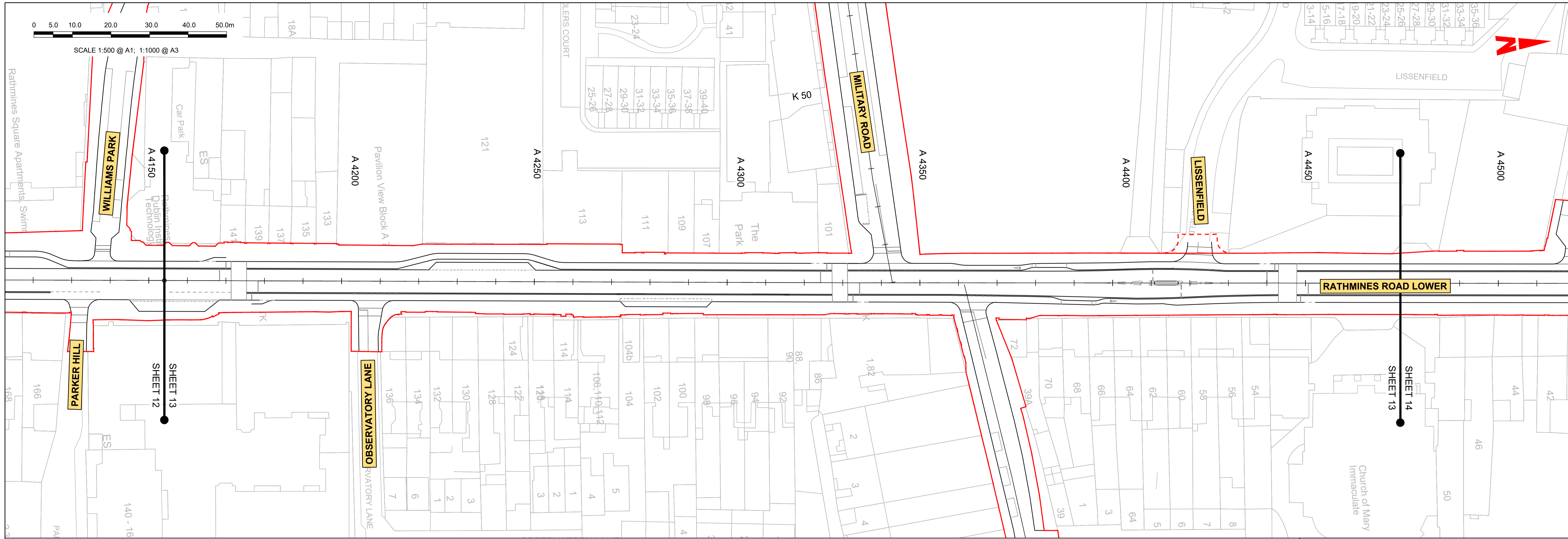
Date: 27/01/2023
 Scale: 1:500 @ A1, 1:1000 @ A3
 Drawn: GMtC, Checked: CMG, Approved: DC

Project Code: BCIDC, Originator Code: ARP, QMS Code: 268401-00

Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

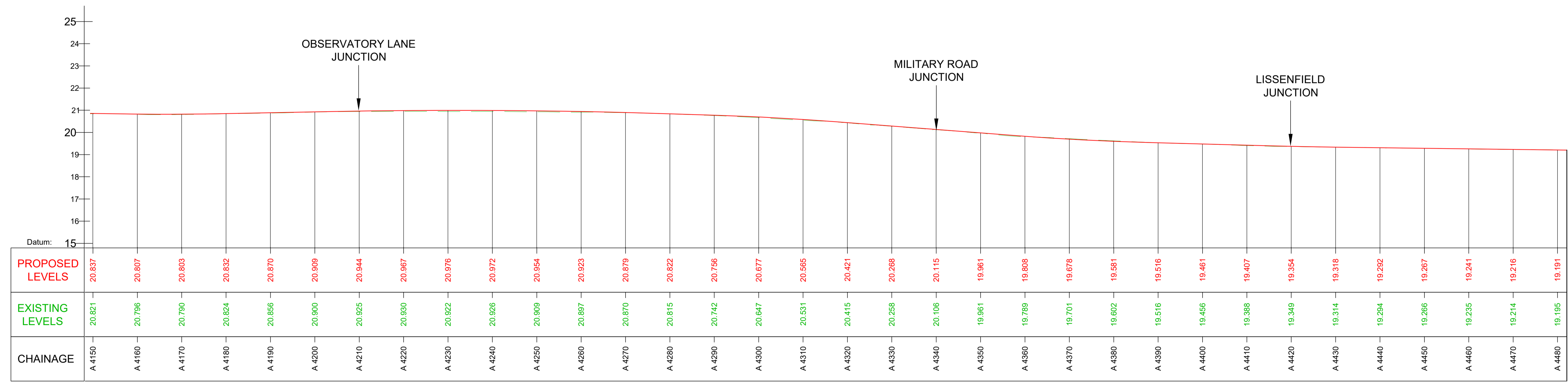
Drawing Title: **TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE**

Drawing File Name: BCIDC-ARP-GEO_HV-1122_ML_00-DR-CR-0001	Sheet Number: 12 of 38	Status: A	Rev: M01
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LEGEND:

- PROPOSED GROUND PROFILE
- - - EXISTING GROUND PROFILE
- SITE BOUNDARY LINE
- - - - - TEMPORARY LAND ACQUISITION



GEO_HV-0012_ML_01-M3-CR-0001-A02 LONGITUDINAL SECTION
SCALE: H 1:500, V 1:100

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Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMtC	CMG	DC	ISSUE FOR PHASE 4: PLANNING

Client
NTA
 Údarás Náisiúnta Iompair
 National Transport Authority

Engineering Designer
ARUP

Programme Title
**BUSCONNECTS DUBLIN
 CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

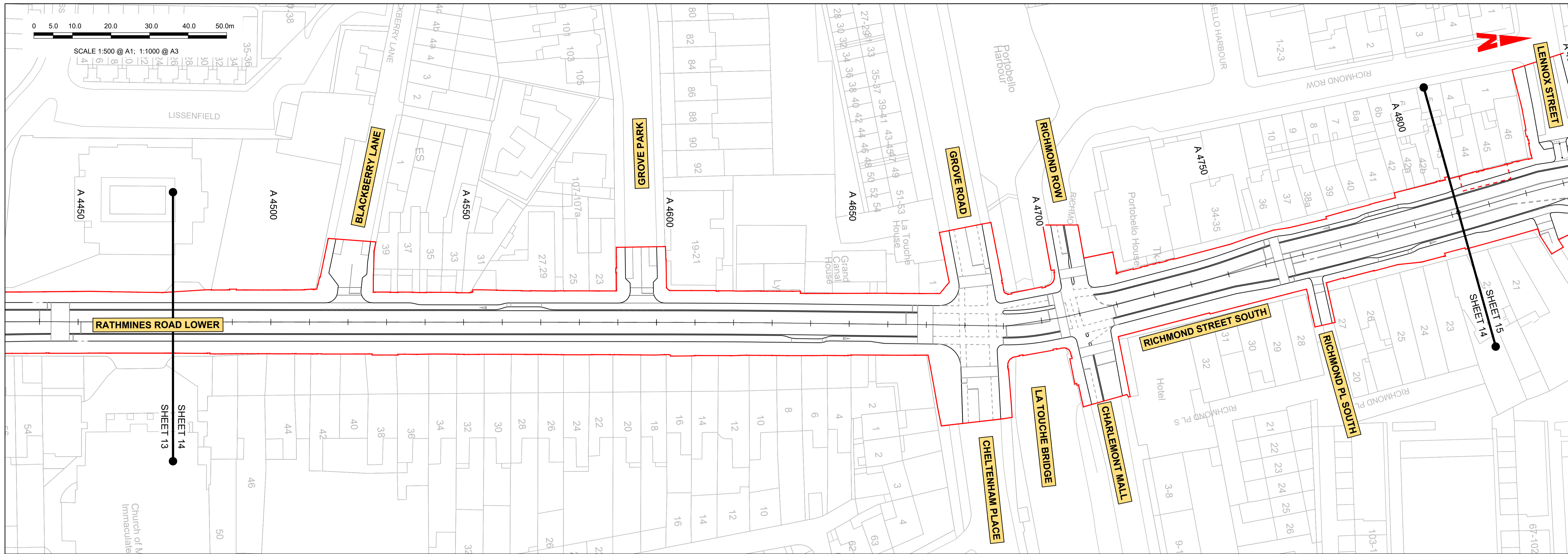
Drawing Title
 TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME
 MAINLINE PLAN AND PROFILE

Drawing File Name
 BCIDC-ARP-GEO_HV-1132_ML_00-DR-CR-0001

Sheet Number
 13 of 38

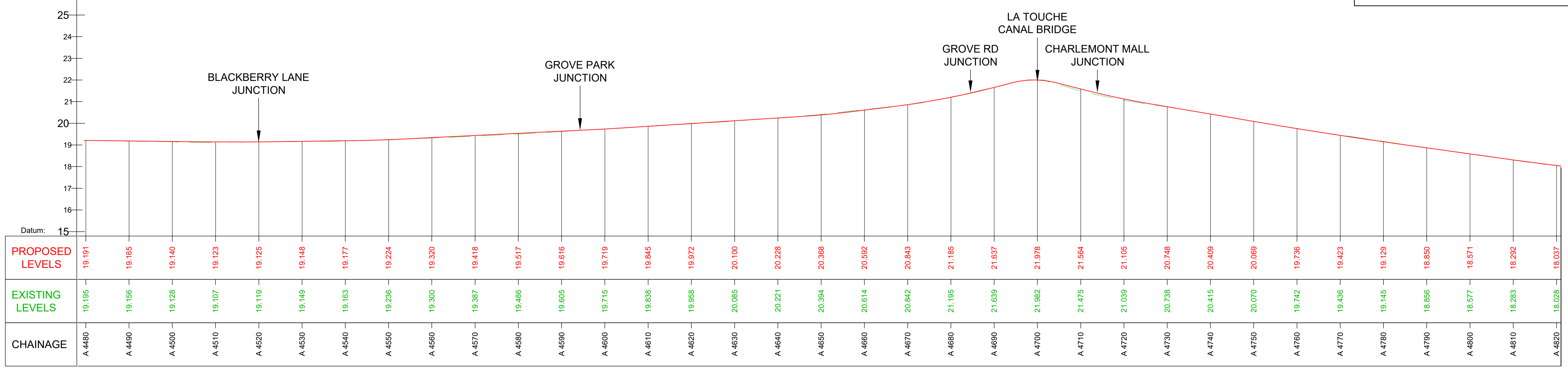
Status
 A

Rev
 M01



LEGEND:

	PROPOSED GROUND PROFILE
	EXISTING GROUND PROFILE
	SITE BOUNDARY LINE
	TEMPORARY LAND ACQUISITION



GEO_HV-0012_ML_01-M3-CR-0001-A02 LONGITUDINAL SECTION
SCALE: H 1:500, V 1:100

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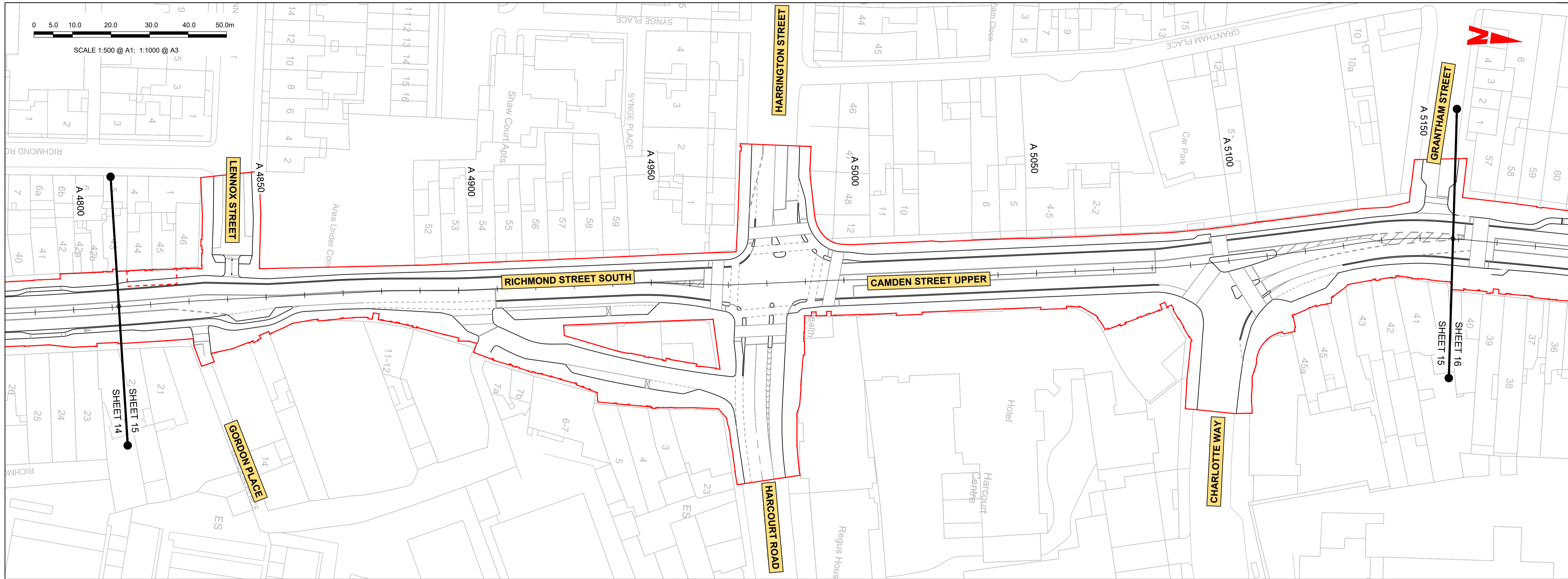
Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMtC	CMG	DC	ISSUE FOR PHASE 4: PLANNING



Client		Engineering Designer		Programme Title	
NTA Údarás Náisiúnta Iompair National Transport Authority		ARUP		BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS	
Date	Scale	Drawn	Checked	Approved	Drawing Title
27/01/2023	1:500 @ A1 1:1000 @ A3	GMtC	CMG	DC	TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE
Project Code	Originator Code	QMS Code	Drawing File Name		
BCIDC	ARP	268401-00	BCIDC-ARP-GEO_HV-1142_ML_00-DR-CR-0001		
Sheet Number		Status	Rev		
14 of 38		A	M01		

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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LEGEND:

- PROPOSED GROUND PROFILE
- - - EXISTING GROUND PROFILE
- SITE BOUNDARY LINE
- - - - - TEMPORARY LAND ACQUISITION



GEO_HV-0012_ML_01-M3-CR-0001-A02 LONGITUDINAL SECTION
SCALE: H 1:500, V 1:100

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Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMt	CMG	DC	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**
Údarás Náisiúnta Iompair
National Transport Authority

Engineering Designer: **ARUP**

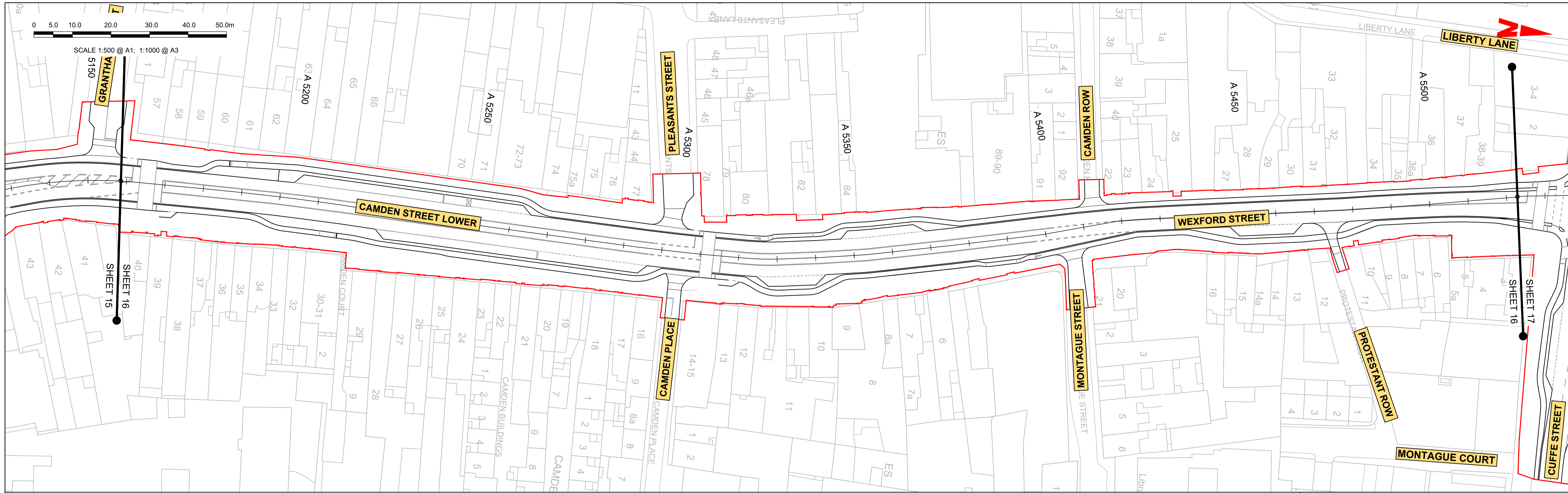
Date: 27/01/2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: GMt | Checked: CMG | Approved: DC

Project Code: BCIDC | Originator Code: ARP | QMS Code: 268401-00

Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

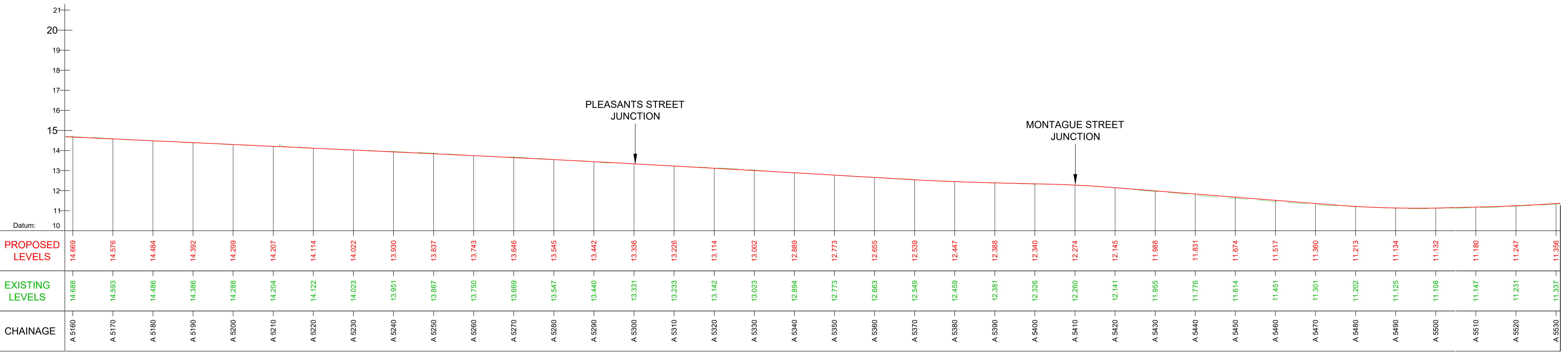
Drawing Title: **TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE**

Drawing File Name: BCIDC-ARP-GEO_HV-1152_ML_00-DR-CR-0001 | Sheet Number: 15 of 38 | Status: A | Rev: M01



LEGEND:

- PROPOSED GROUND PROFILE
- - - EXISTING GROUND PROFILE
- SITE BOUNDARY LINE
- - - - - TEMPORARY LAND ACQUISITION



GEO_HV-0012_ML_01-M3-CR-0001-A02 LONGITUDINAL SECTION
SCALE: H 1:500, V 1:100

GEO_HV-0012_ML_01-M3-CR-0001-A03 LONGITUDINAL SECTION
SCALE: H 1:500, V 1:100

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Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMcT	CMG	DC	ISSUE FOR PHASE 4: PLANNING

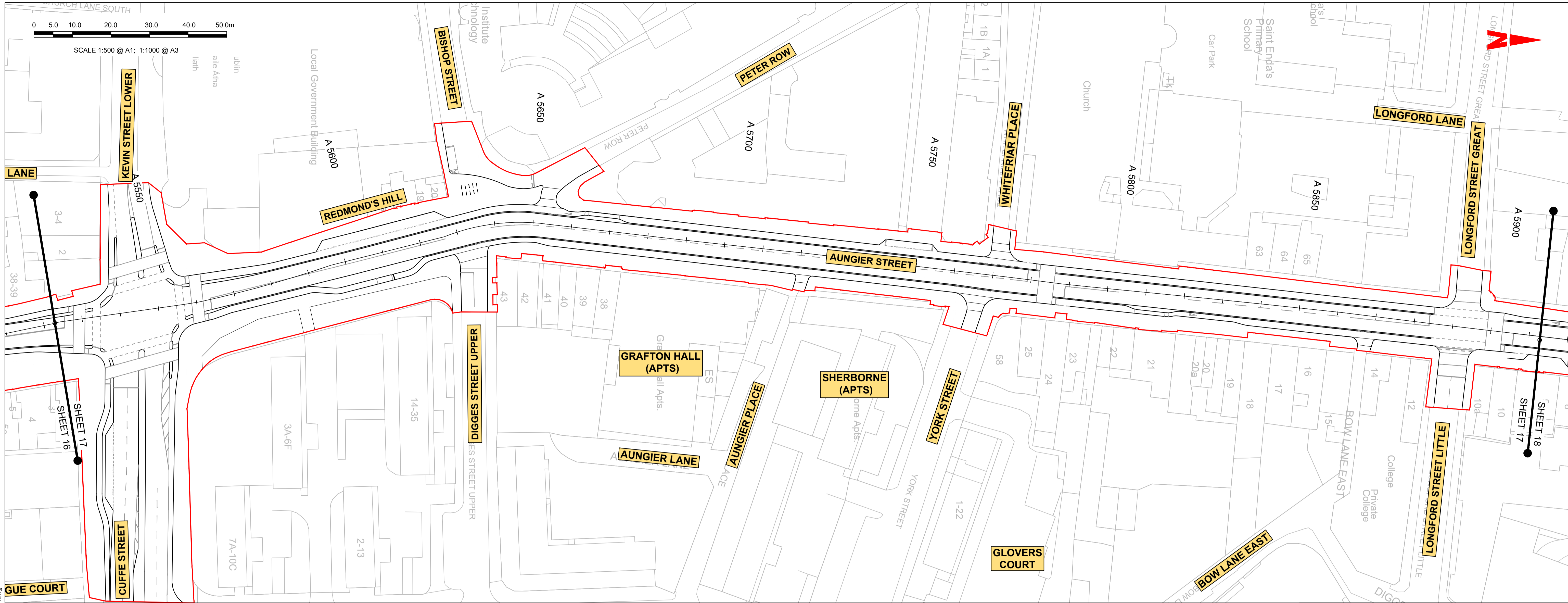
Client: **NTA**
Údarás Náisiúnta Iompair
National Transport Authority

Date: 27/01/2023
Scale: 1:500 @ A1
1:1000 @ A3

Engineering Designer: **ARUP**

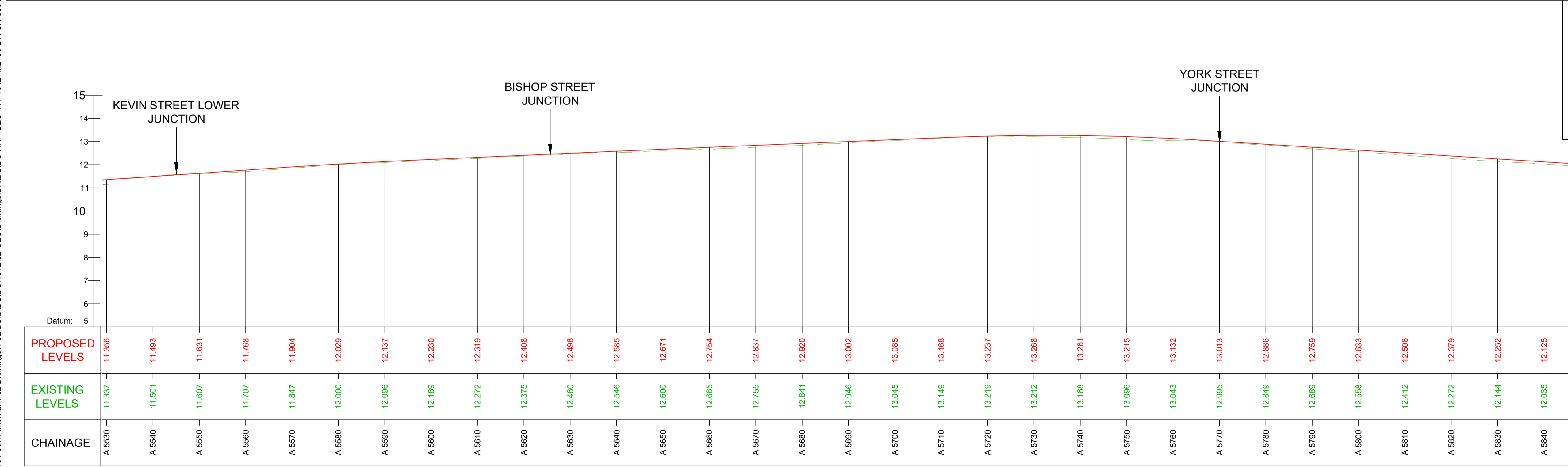
Drawn: GMcT
Checked: CMG
Approved: DC

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE			
Drawing File Name BCIDC-ARP-GEO_HV-1162_ML_00-DR-CR-0001	Sheet Number 16 of 38	Status A	Rev M01



LEGEND:

- PROPOSED GROUND PROFILE
- - - EXISTING GROUND PROFILE
- SITE BOUNDARY LINE
- - - - - TEMPORARY LAND ACQUISITION



GEO_HV-0012_ML_01-M3-CR-001-A03 LONGITUDINAL SECTION
SCALE: H 1:500, V 1:100

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Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMt	CMG	DC	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**
Údarás Náisiúnta Iompair
National Transport Authority

Engineering Designer: **ARUP**

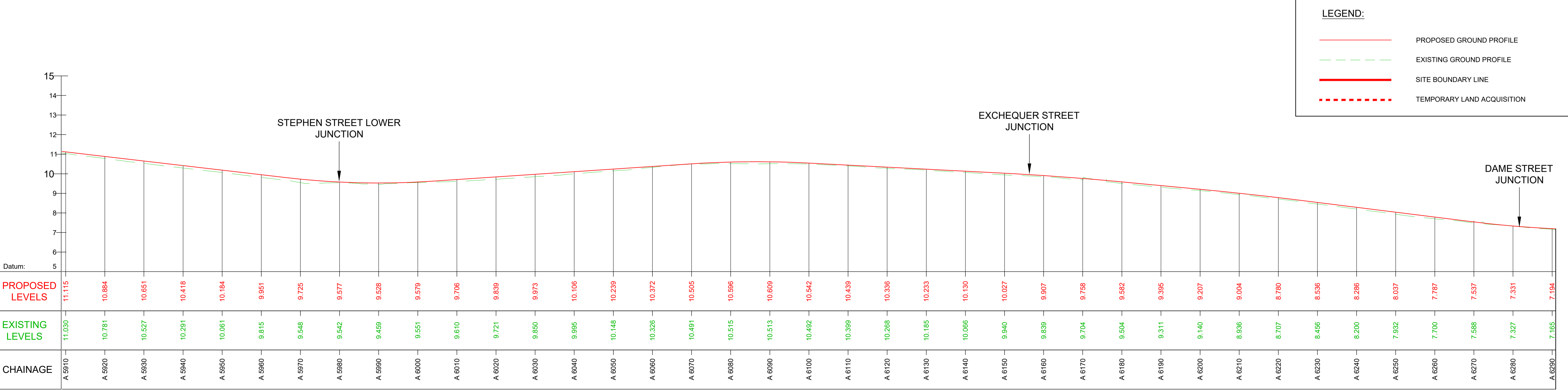
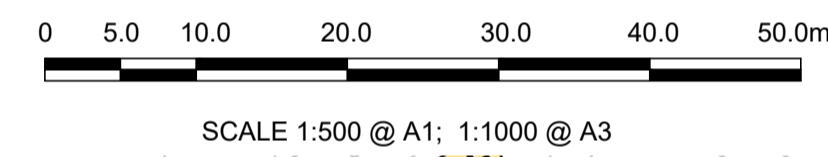
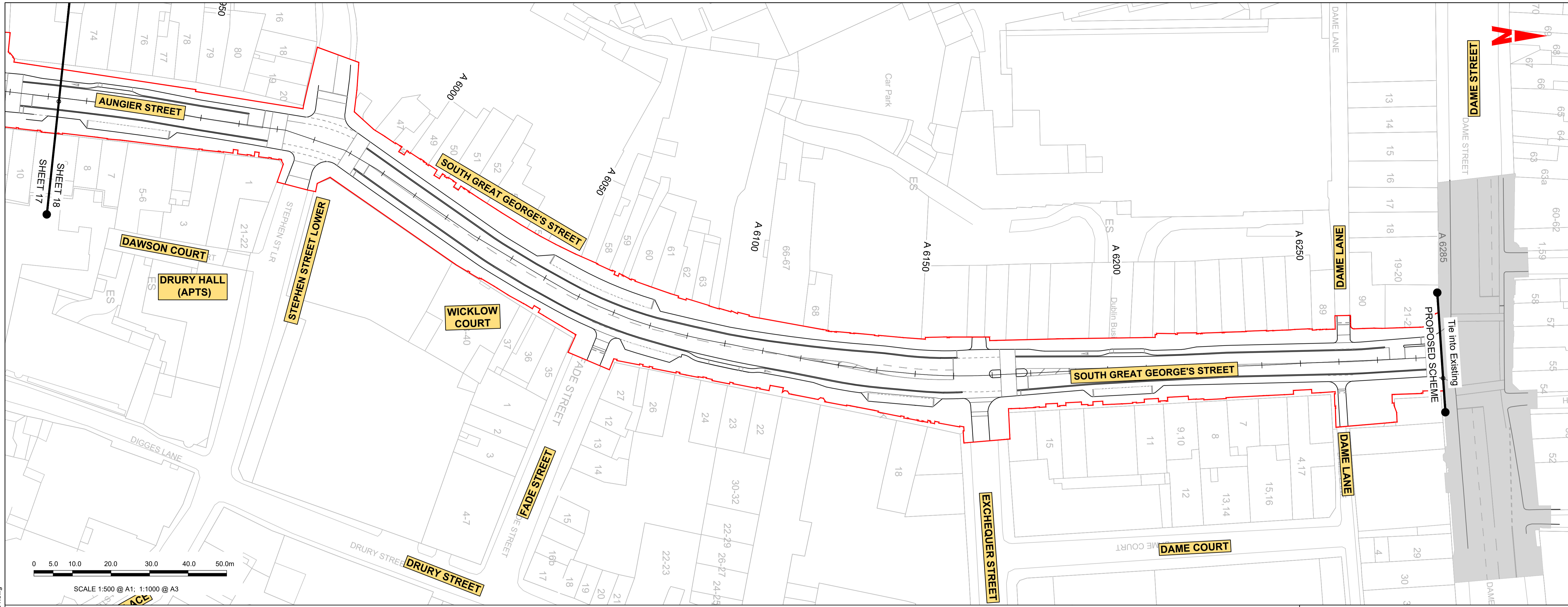
Date: 27/01/2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: GMt | Checked: CMG | Approved: DC

Project Code: BCIDC | Originator Code: ARP | QMS Code: 268401-00

Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE

Drawing File Name: BCIDC-ARP-GEO_HV-1172_ML_00-DR-CR-0001 | Sheet Number: 17 of 38 | Status: A | Rev: M01



GEO_HV-0012_ML_01-M3-CR-001-A03 LONGITUDINAL SECTION
 SCALE: H 1:500, V 1:100

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 Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMt	CMG	DC	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**
 Údarás Náisiúnta Iompair
 National Transport Authority

Engineering Designer: **ARUP**

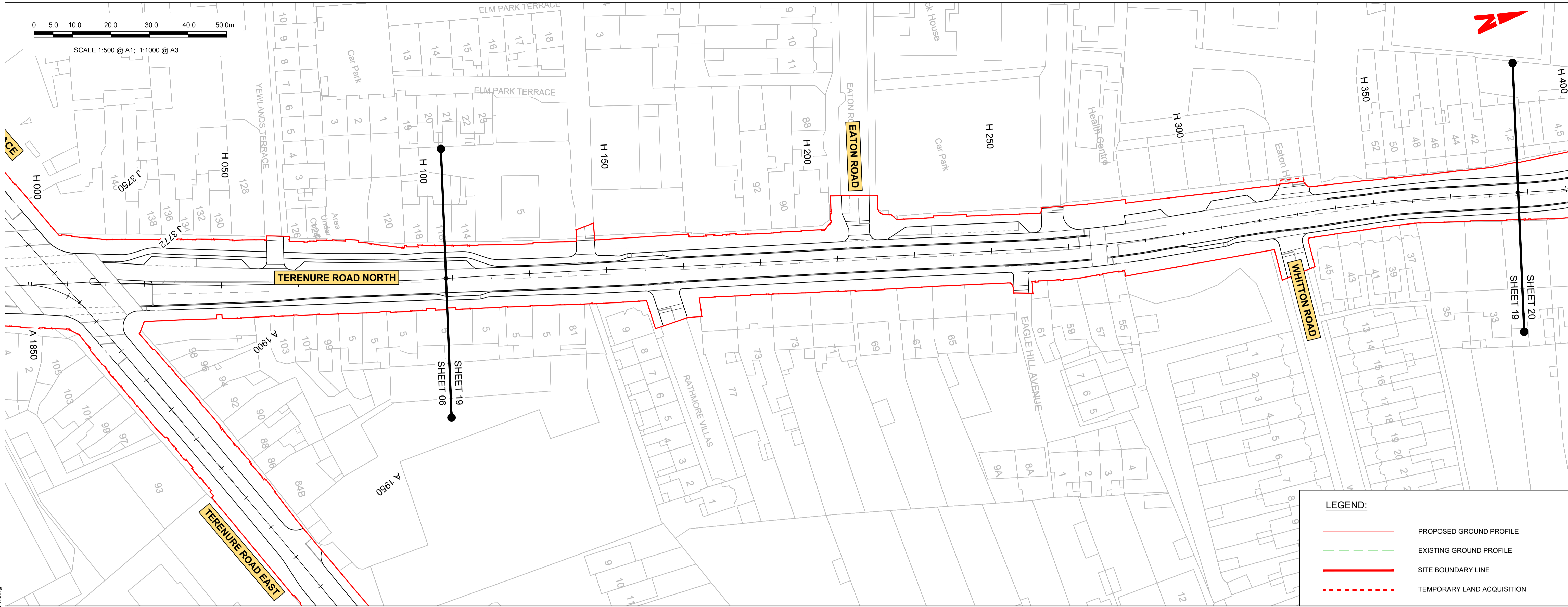
Date: 27/01/2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: GMt | Checked: CMG | Approved: DC

Project Code: BCIDC | Originator Code: ARP | QMS Code: 268401-00

Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: **TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE**

Drawing File Name: BCIDC-ARP-GEO_HV-1182_ML_00-DR-CR-0001 | Sheet Number: 18 of 38 | Status: A | Rev: M01



LEGEND:

- PROPOSED GROUND PROFILE
- EXISTING GROUND PROFILE
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

CHAINAGE	PROPOSED LEVELS	EXISTING LEVELS
H 010	42.457	42.451
H 020	42.374	42.397
H 030	42.264	42.231
H 040	42.048	41.948
H 050	41.843	41.829
H 060	41.722	41.695
H 070	41.623	41.605
H 080	41.529	41.473
H 090	41.461	41.431
H 100	41.402	41.348
H 110	41.341	41.297
H 120	41.272	41.236
H 130	41.204	41.159
H 140	41.135	41.085
H 150	41.066	41.021
H 160	41.003	40.946
H 170	40.956	40.879
H 180	40.919	40.858
H 190	40.882	40.820
H 200	40.840	40.787
H 210	40.787	40.714
H 220	40.731	40.674
H 230	40.675	40.599
H 240	40.619	40.557
H 250	40.563	40.507
H 260	40.506	40.440
H 270	40.450	40.399
H 280	40.390	40.351
H 290	40.327	40.296
H 300	40.262	40.227
H 310	40.189	40.159
H 320	40.103	40.064
H 330	40.003	39.979
H 340	39.898	39.856
H 350	39.793	39.762
H 360	39.682	39.638
H 370	39.555	39.499
H 380	39.420	39.355
H 390	39.285	39.201

GEO_HV-0012_ML_01-M3-CR-0001-A04 LONGITUDINAL SECTION
SCALE: H 1:500, V 1:100

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Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMt	CMG	DC	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**
Údarás Náisiúnta Iompair
National Transport Authority

Engineering Designer: **ARUP**

Date: 27/01/2023
Scale: 1:500 @ A1, 1:1000 @ A3

Drawn: GMt, Checked: CMG, Approved: DC

Project Code: BCIDC, Originator Code: ARP, QMS Code: 268401-00

Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE

Drawing File Name: BCIDC-ARP-GEO_HV-1192_ML_00-DR-CR-0001

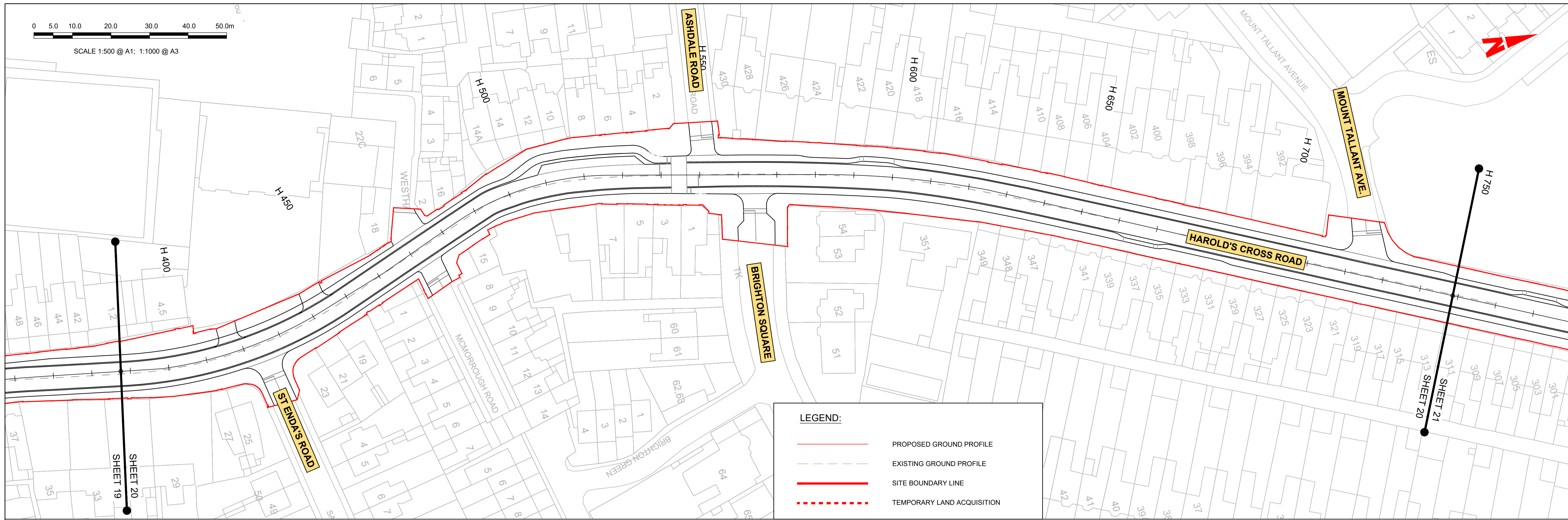
Sheet Number: 19 of 38

Status: A

Rev: M01

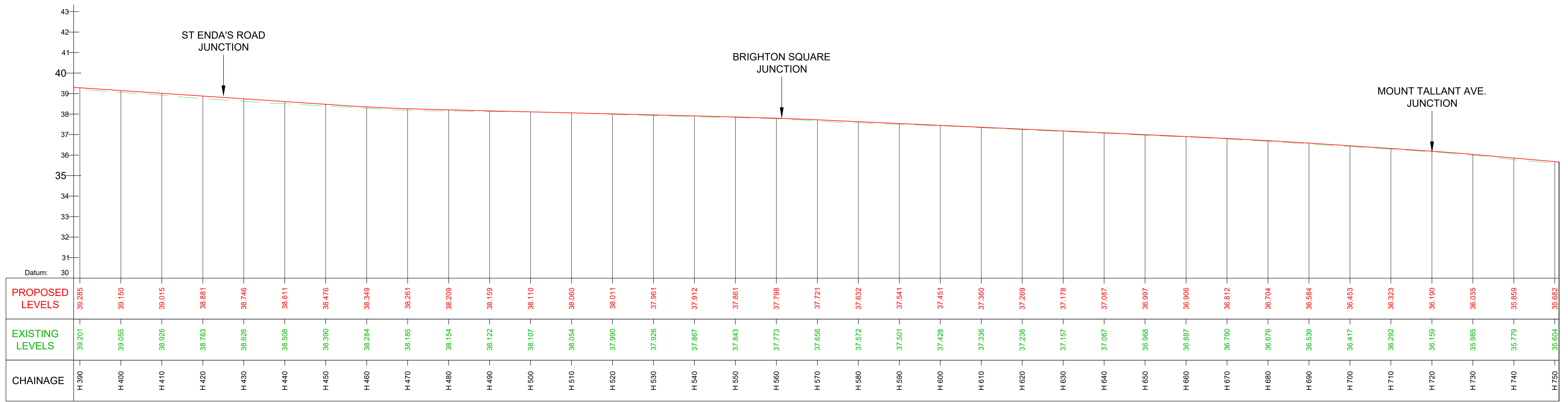


SCALE 1:500 @ A1; 1:1000 @ A3



LEGEND:

- PROPOSED GROUND PROFILE
- - - EXISTING GROUND PROFILE
- ▭ SITE BOUNDARY LINE
- ⋯ TEMPORARY LAND ACQUISITION



GEO_HV-0012_ML_01-M3-CR-0001-A04 LONGITUDINAL SECTION
SCALE: H 1:500, V 1:100

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Project Ireland 2040
Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMcT	CMG	DC	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**
Údarás Náisiúnta Iompair
National Transport Authority

Engineering Designer: **ARUP**

Date: 27/01/2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: GMcT | Checked: CMG | Approved: DC

Project Code: BCIDC | Originator Code: ARP | QMS Code: 268401-00

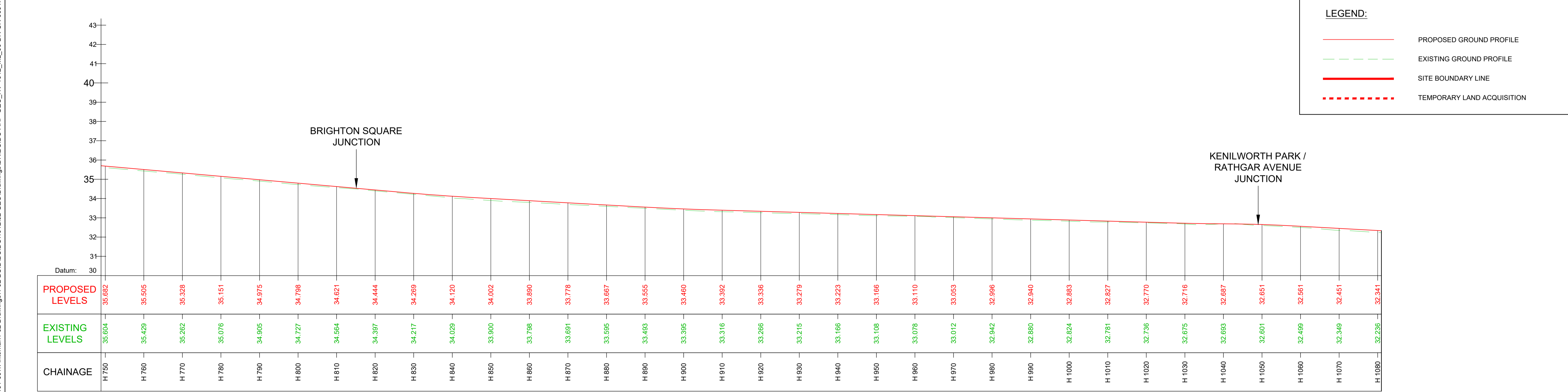
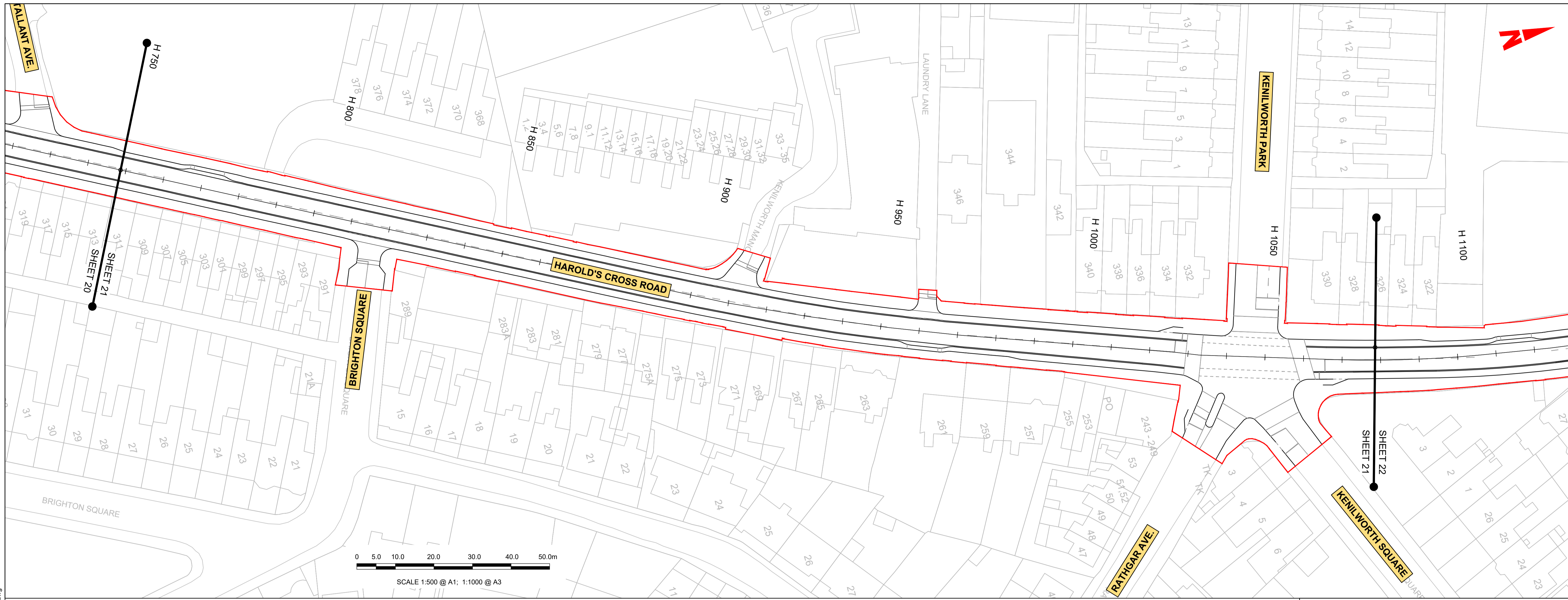
Programme Title: **BUSCONNECTS DUBLIN**
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME
MAINLINE PLAN AND PROFILE

Drawing File Name: BCIDC-ARP-GEO_HV-1202_ML_00-DR-CR-0001 | Sheet Number: 20 of 38 | Status: A | Rev: M01

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\\global\europa\dublin\jobs\268401-0014_Interna\4-02 Drawings\4-02 BCIDC\01202 GEO\Drawings\DRIB\CIDC-ARP-GEO_HV-1012_ML_00-DR-CR-0001.dwg



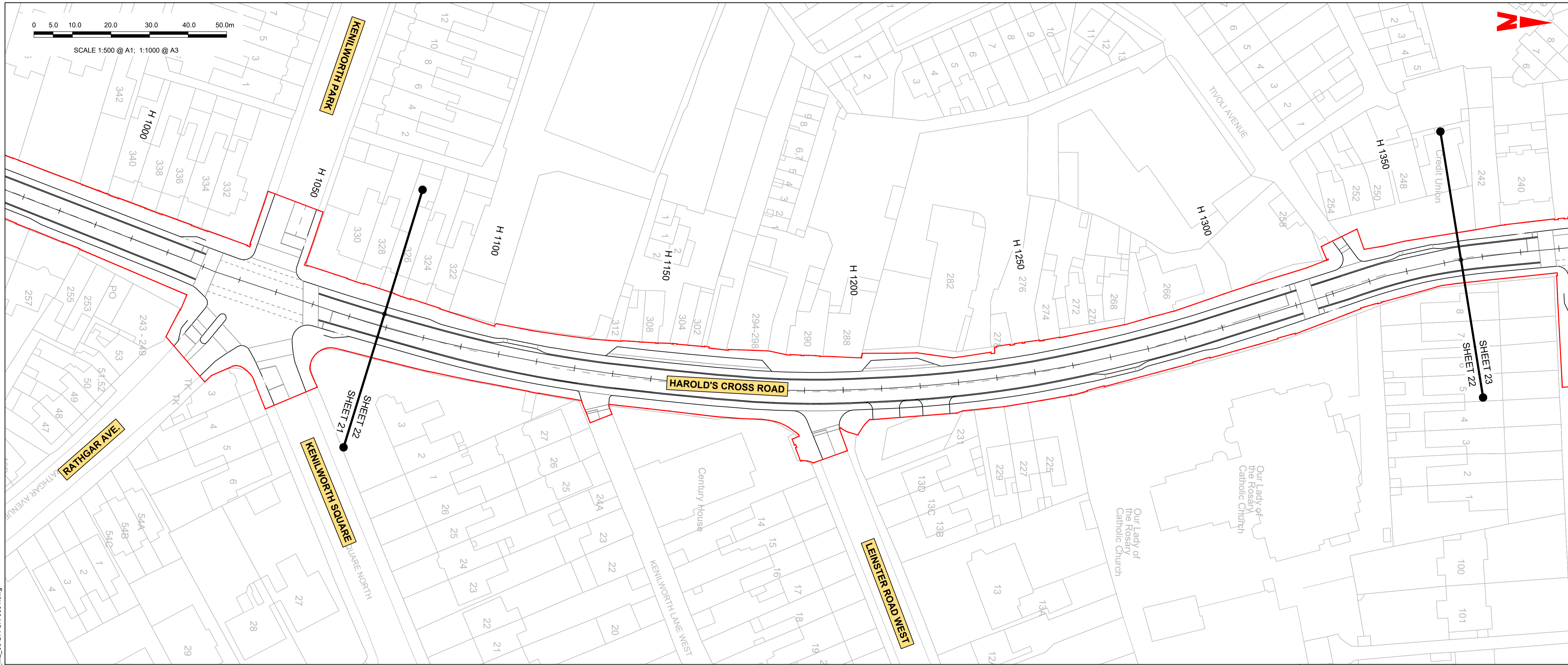
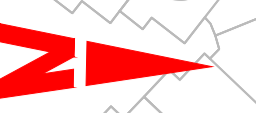
GEO_HV-0012_ML_01-M3-CR-0001-A04 LONGITUDINAL SECTION
SCALE: H 1:500, V 1:100

<p>Project Ireland 2040 Building Ireland's Future</p>					<p>Rev M01 Date 27/01/2023 Dm GMt Chk'd CMG App'd DC Description ISSUE FOR PHASE 4: PLANNING</p>		<p>Client NTA Udarás Náisiúnta Iompair National Transport Authority</p>			<p>Engineering Designer ARUP</p>			<p>Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</p>			
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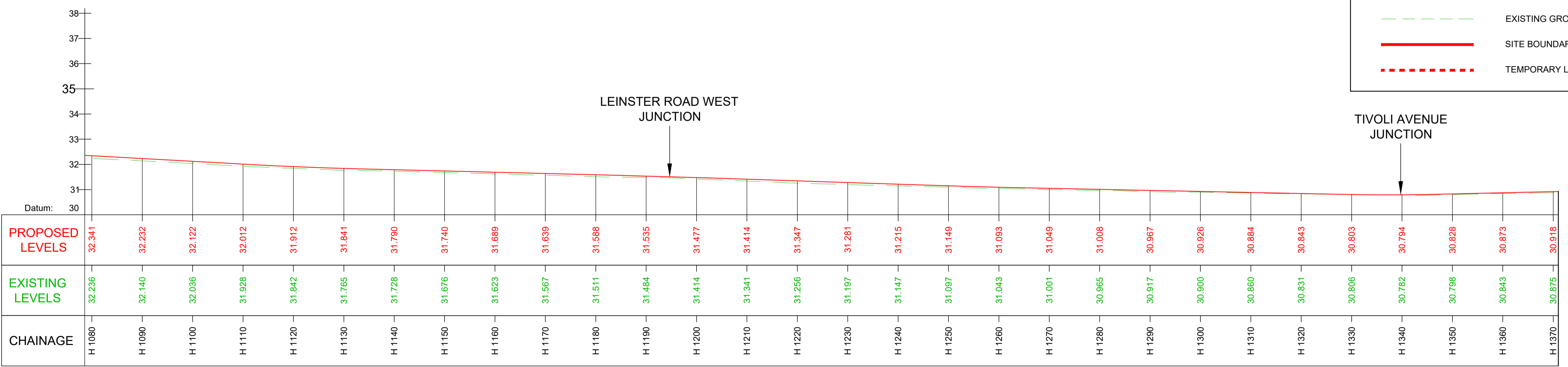
0 50 100 200 300 400 500m

SCALE 1:500 @ A1; 1:1000 @ A3



LEGEND:

- PROPOSED GROUND PROFILE
- - - EXISTING GROUND PROFILE
- - - - SITE BOUNDARY LINE
- - - - - TEMPORARY LAND ACQUISITION



GEO_HV-0012_ML_01-M3-CR-001-A04 LONGITUDINAL SECTION
SCALE: H 1:500, V 1:100

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Project Ireland 2040
 Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMt	CMG	DC	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**
 Údarás Náisiúnta Iompair
 National Transport Authority

Engineering Designer: **ARUP**

Date: 27/01/2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: GMt | Checked: CMG | Approved: DC

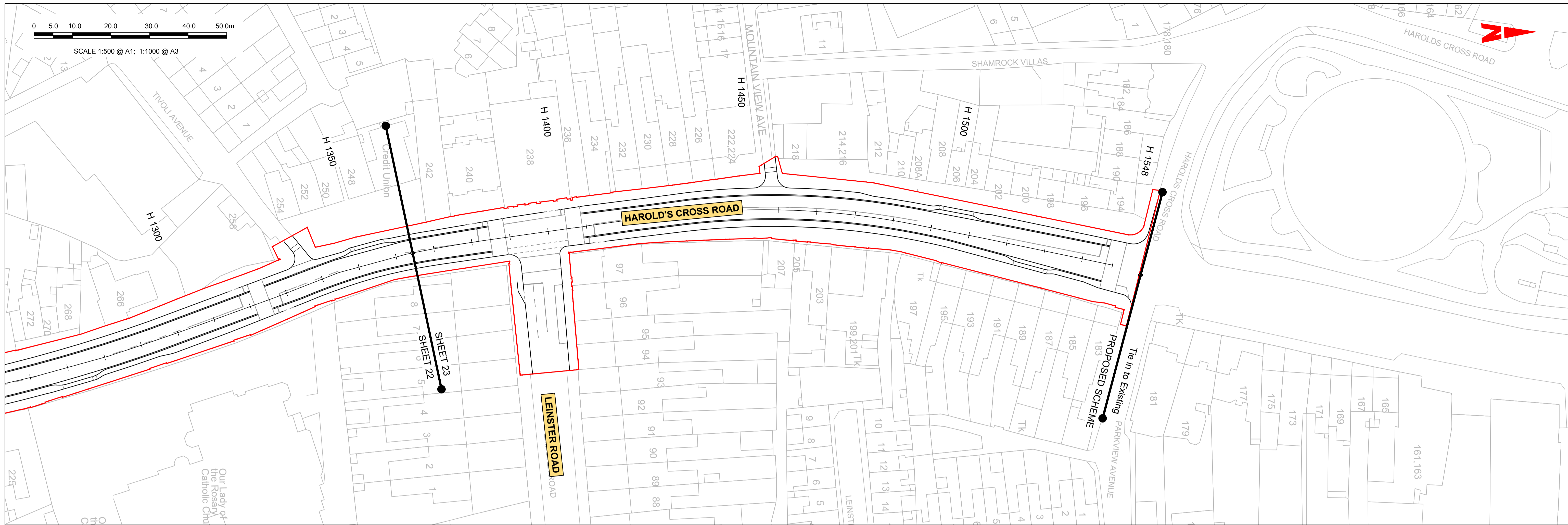
Project Code: BCIDC | Originator Code: ARP | QMS Code: 268401-00

Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: **TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE**

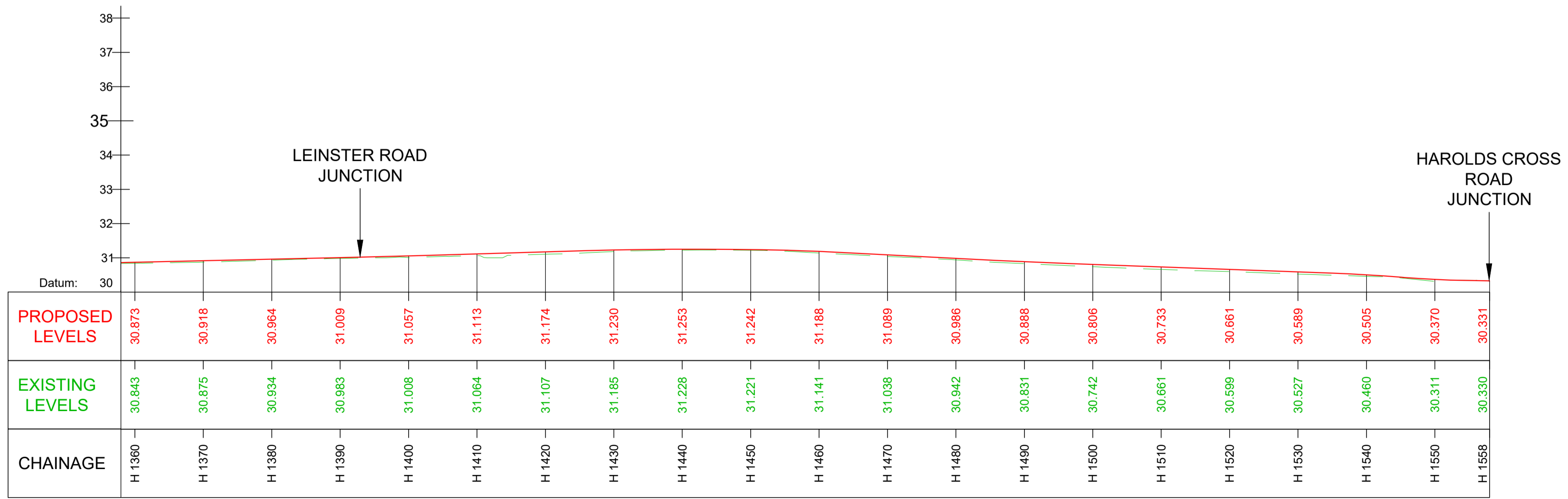
Drawing File Name: BCIDC-ARP-GEO_HV-1222_ML_00-DR-CR-0001 | Sheet Number: 22 of 38 | Status: A | Rev: M01

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LEGEND:

- PROPOSED GROUND PROFILE
- - - EXISTING GROUND PROFILE
- SITE BOUNDARY LINE
- - - - TEMPORARY LAND ACQUISITION



GEO_HV-0012_ML_01-M3-CR-0001-A04 LONGITUDINAL SECTION
SCALE: H 1:500, V 1:100

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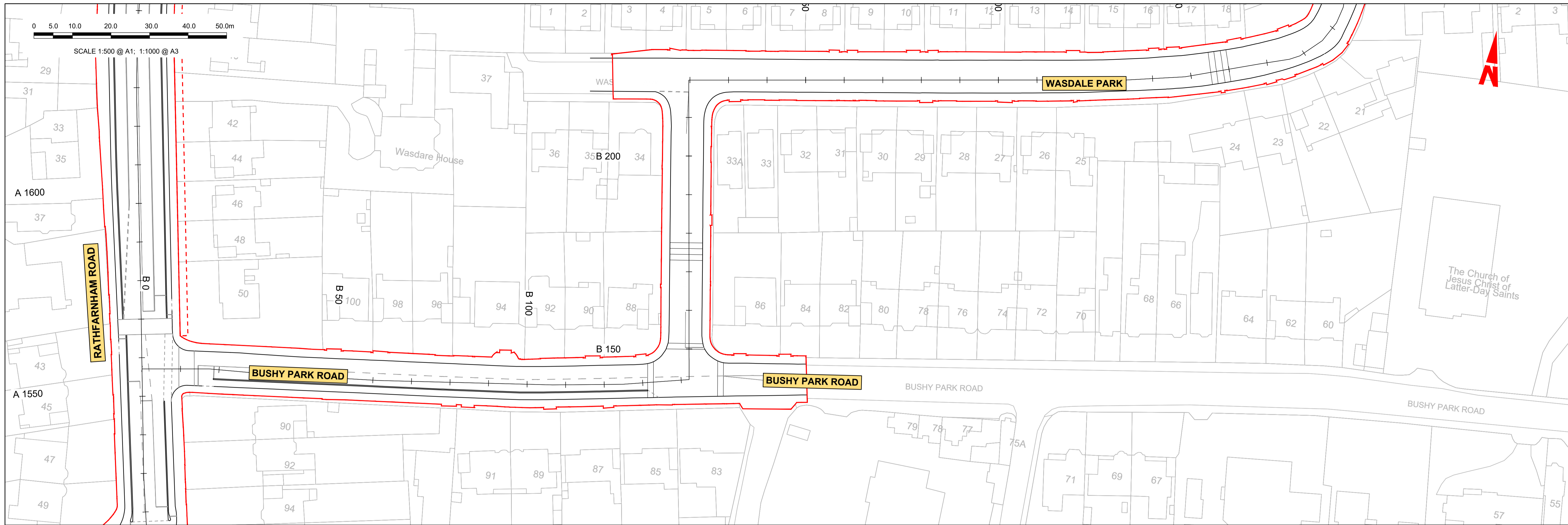
Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.
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	Rev	Date	Drn	Chk'd	App'd	Description
	M01	27/01/2023	GMcT	CMG	DC	ISSUE FOR PHASE 4: PLANNING

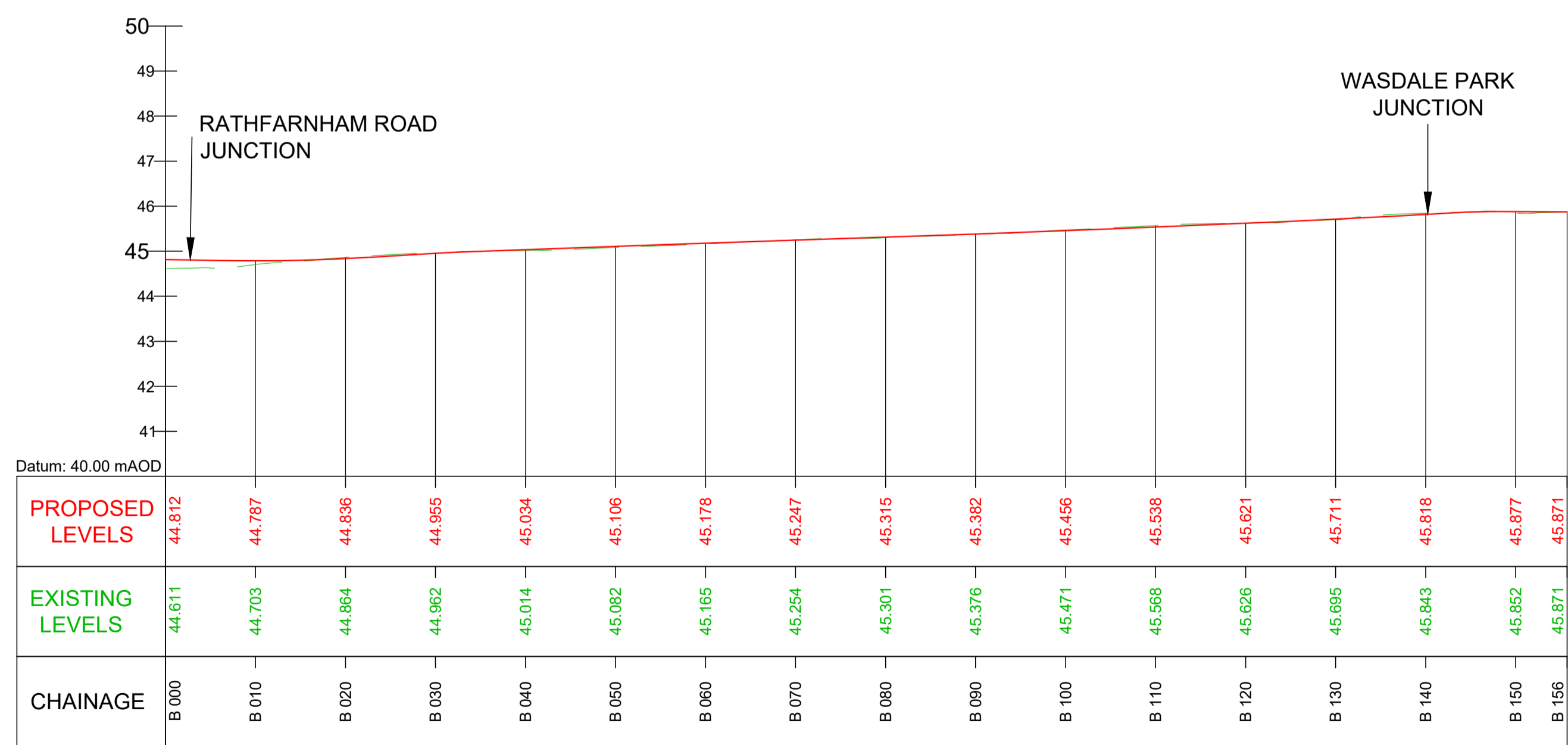
 Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer 		
Date	Scale	Drawn	Checked	Approved
27/01/2023	1:500 @ A1 1:1000 @ A3	GMcT	CMG	DC
Project Code	Originator Code	QMS Code		
BCIDC	ARP	268401-00		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE			
Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-GEO_HV-1232_ML_00-DR-CR-0001	23 of 38	A	M01



LEGEND:

- PROPOSED GROUND PROFILE
- - - EXISTING GROUND PROFILE
- SITE BOUNDARY LINE
- - - TEMPORARY LAND ACQUISITION



GEO_HV-0012_SR_01-M3-CR-0001-A08 LONGITUDINAL SECTION
SCALE: H 1:500, V 1:100

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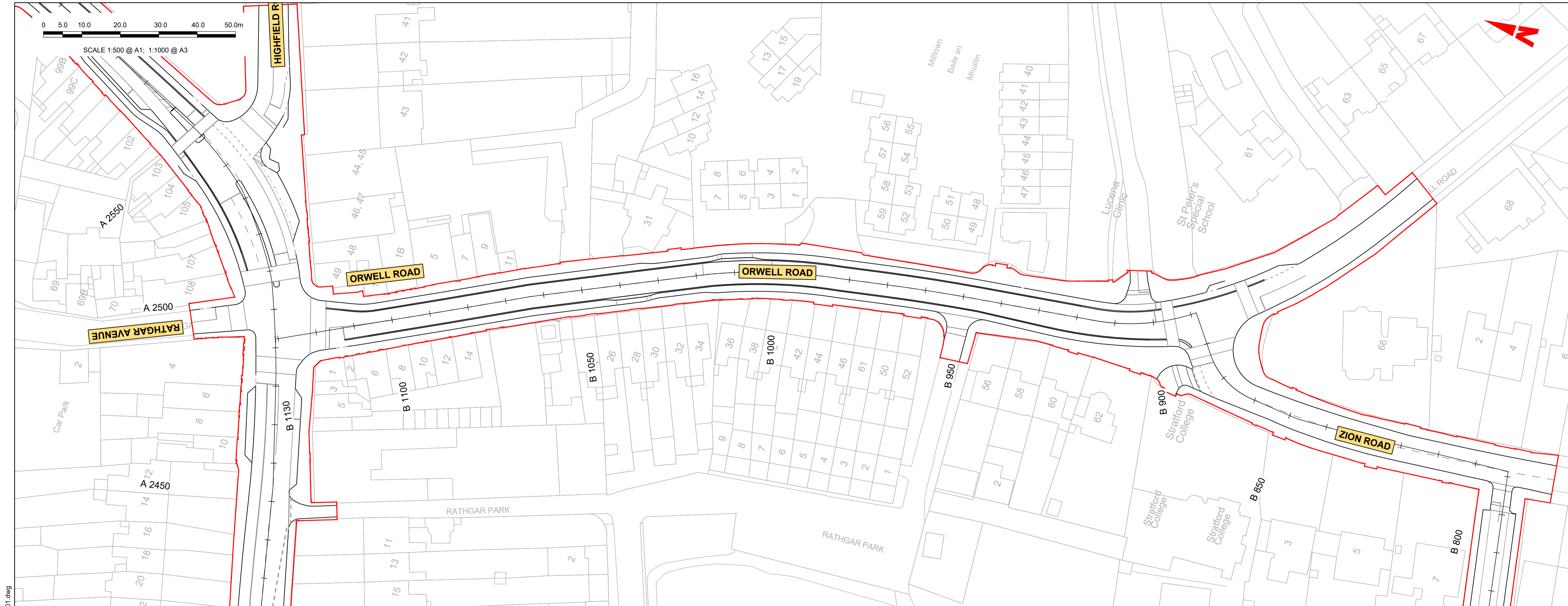
Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMcT	CMG	DC	ISSUE FOR PHASE 4: PLANNING

Date	Scale	Drawn	Checked	Approved
27/01/2023	1:500 @ A1 1:1000 @ A3	GMcT	CMG	DC
Project Code	Originator Code	QMS Code		
BCIDC	ARP	268401-00		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE			
Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-GEO_HV-1242_ML_00-DR-CR-0001	24 of 38	A	M01

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LEGEND:

- PROPOSED GROUND PROFILE
- - - EXISTING GROUND PROFILE
- SITE BOUNDARY LINE
- - - - - TEMPORARY LAND ACQUISITION

	TERENURE ROAD EAST JUNCTION	ZION ROAD JUNCTION
PROPOSED LEVELS	42.670	42.909
EXISTING LEVELS	42.641	42.896
CHAINAGE	B 1130	B 880

GEO_HV-0012_SR_01-M3-CR-0001-A06 LONGITUDINAL SECTION
SCALE: H 1:500, V 1:100

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Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMcT	CMG	DC	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**
Údarás Náisiúnta Iompair
National Transport Authority

Engineering Designer: **ARUP**

Date: 27/01/2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: GMcT | Checked: CMG | Approved: DC

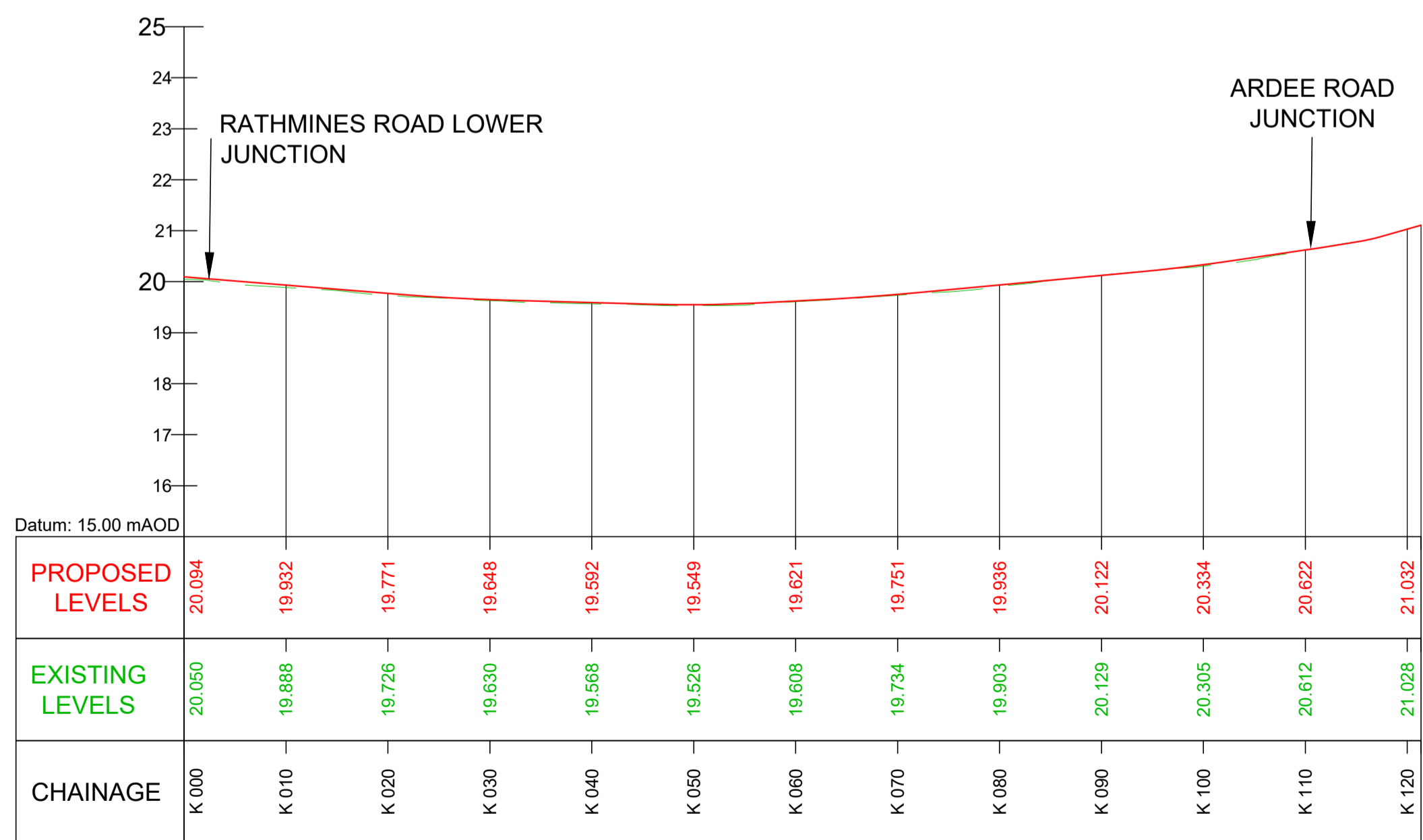
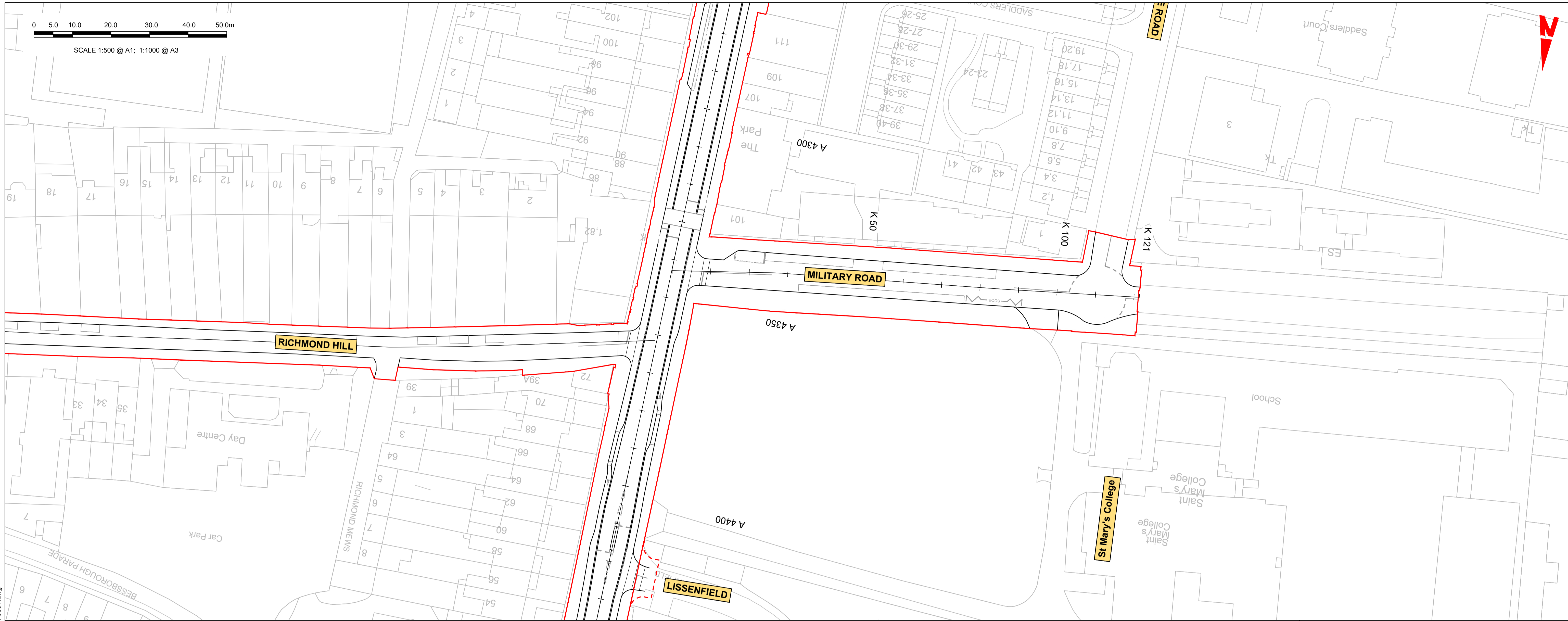
Project Code: BCIDC | Originator Code: ARP | QMS Code: 268401-00

Programme Title: **BUSCONNECTS DUBLIN**
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME
MAINLINE PLAN AND PROFILE

Drawing File Name: BCIDC-ARP-GEO_HV-1252_ML_00-DR-CR-0001 | Sheet Number: 25 of 38 | Status: A | Rev: M01

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LEGEND:

- PROPOSED GROUND PROFILE
- - - EXISTING GROUND PROFILE
- SITE BOUNDARY LINE
- - - - - TEMPORARY LAND ACQUISITION

GEO_HV-0012_SR_01-M3-CR-0001-A09 LONGITUDINAL SECTION
SCALE: H 1:500,V 1:100

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Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	GMt	CMG	DC	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**
Údarás Náisiúnta Iompair
National Transport Authority

Engineering Designer: **ARUP**

Date: 27/01/2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: GMt | Checked: CMG | Approved: DC

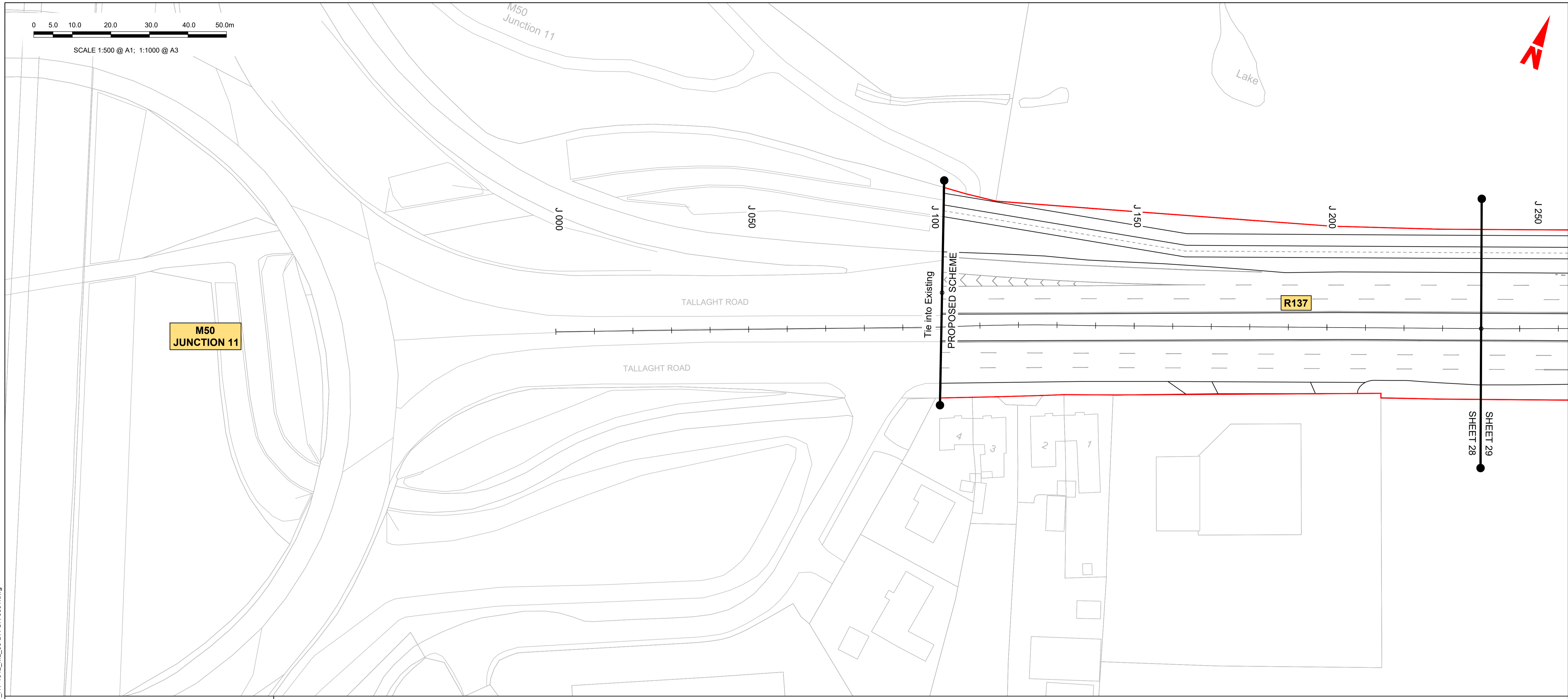
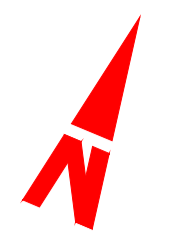
Project Code: BCIDC | Originator Code: ARP | QMS Code: 268401-00

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE			
Drawing File Name: BCIDC-ARP-GEO_HV-1262_ML_00-DR-CR-0001	Sheet Number: 26 of 38	Status: A	Rev: M01

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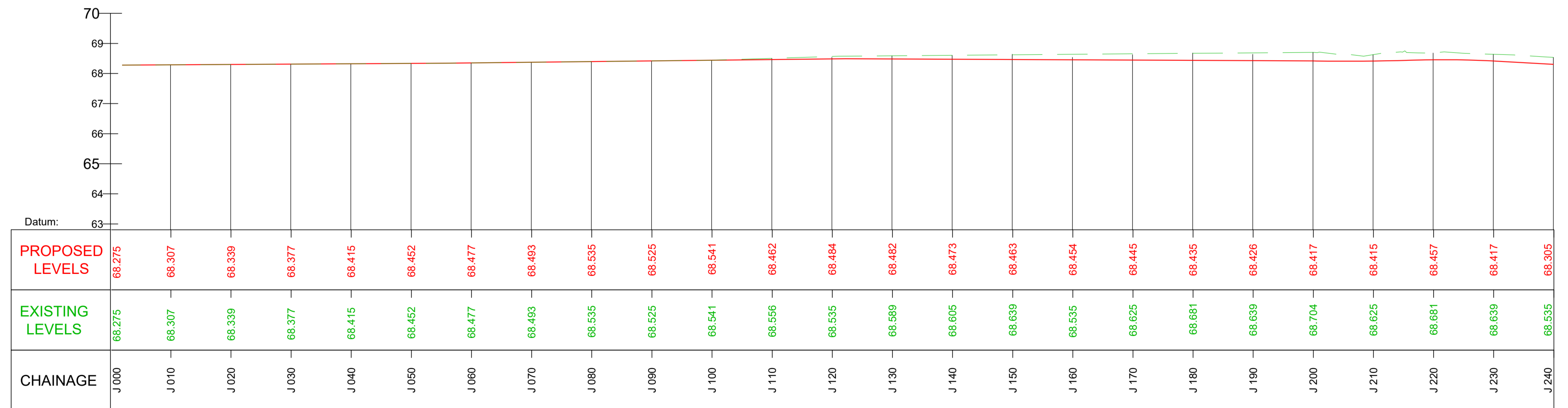
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SCALE 1:500 @ A1; 1:1000 @ A3



LEGEND:

- PROPOSED GROUND PROFILE
- - - EXISTING GROUND PROFILE
- SITE BOUNDARY LINE
- - - TEMPORARY LAND ACQUISITION



GEO_HV-0010_ML_01-M3-CR-0001-A01 LONGITUDINAL SECTION
SCALE: H 1:500, V 1:100

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Rev	Date	Drm	Chk'd	App'd	Description
M01	27/01/2023	GMtC	CMG	DC	ISSUE FOR PHASE 4: PLANNING

Client
NTA
 Údarás Náisiúnta Iompair
 National Transport Authority

Engineering Designer
ARUP

Date	Scale	Drawn	Checked	Approved
27/01/2023	1:500 @ A1 1:1000 @ A3	GMtC	CMG	DC

Programme Title
**BUSCONNECTS DUBLIN
 CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title
 TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME
 MAINLINE PLAN AND PROFILE

Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-GEO_HV-1272_ML_00-DR-CR-0001	27 of 38	A	M01

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SCALE 1:500 @ A1; 1:1000 @ A3

SPAWELL
LEISURE CENTRE



Car Park

Car Park

J 250

J 300

J 350

J 400

J 450

J 500

J 550

J 600

R137

SHEET 28

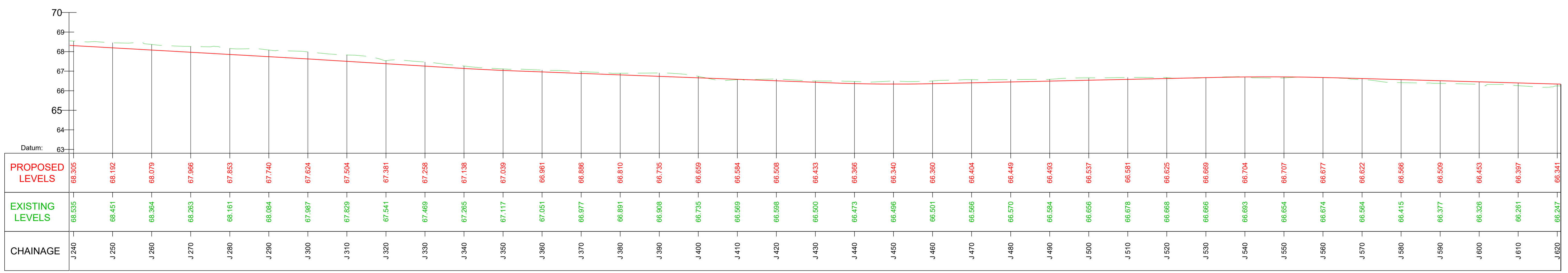
SHEET 29

SHEET 29

SHEET 30

LEGEND:

- PROPOSED GROUND PROFILE
- - - EXISTING GROUND PROFILE
- SITE BOUNDARY LINE
- - - TEMPORARY LAND ACQUISITION





GEO_HV-0010_ML_01-M3-CR-0001-A01 LONGITUDINAL SECTION
SCALE: H 1:500, V 1:100

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Rev	Date	Drm	Chk'd	App'd	Description
M01	27/01/2023	GMcT	CMG	DC	ISSUE FOR PHASE 4: PLANNING

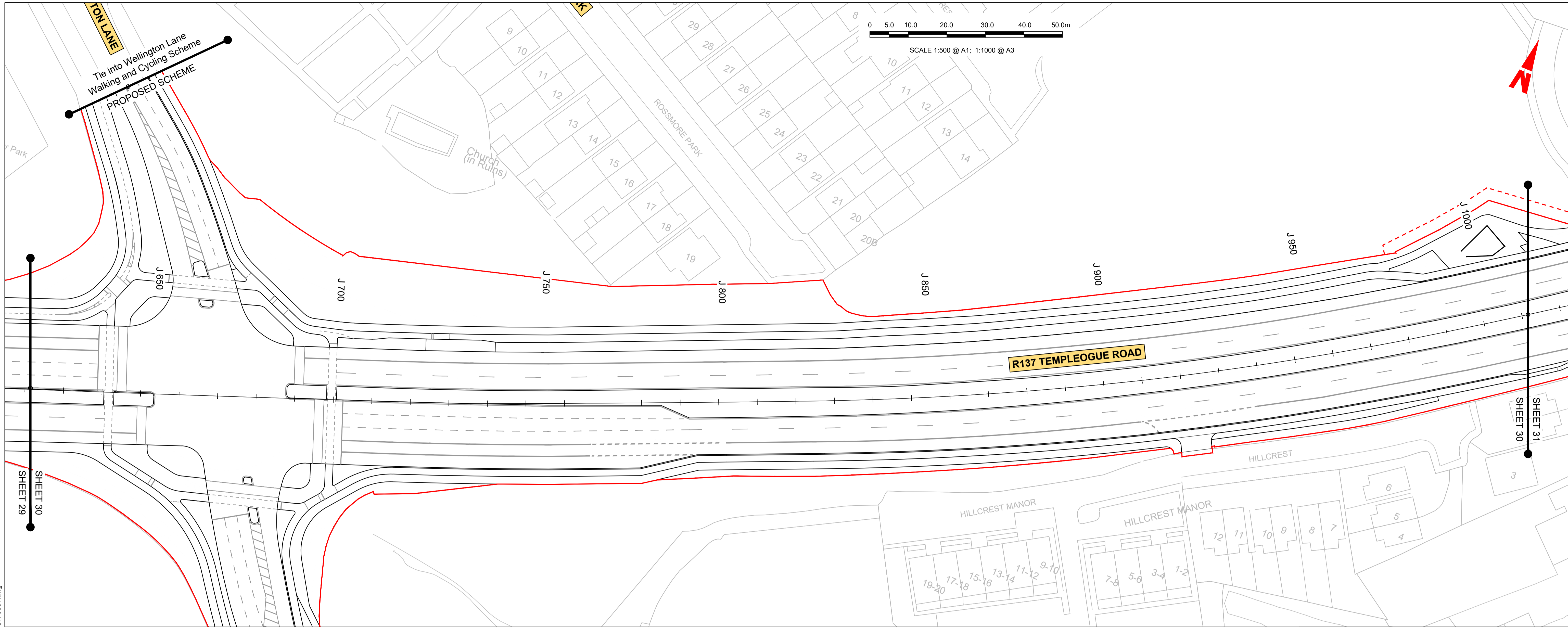
Client

 Údarás Náisiúnta Iompair
 National Transport Authority

Engineering Designer


Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE			
Drawing File Name BCIDC-ARP-GEO_HV-1282_ML_00-DR-CR-0001	Sheet Number 28 of 38	Status A	Rev M01

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GEO_HV-0010_ML_01-M3-CR-0001-A01 LONGITUDINAL SECTION
SCALE: H 1:500, V 1:100

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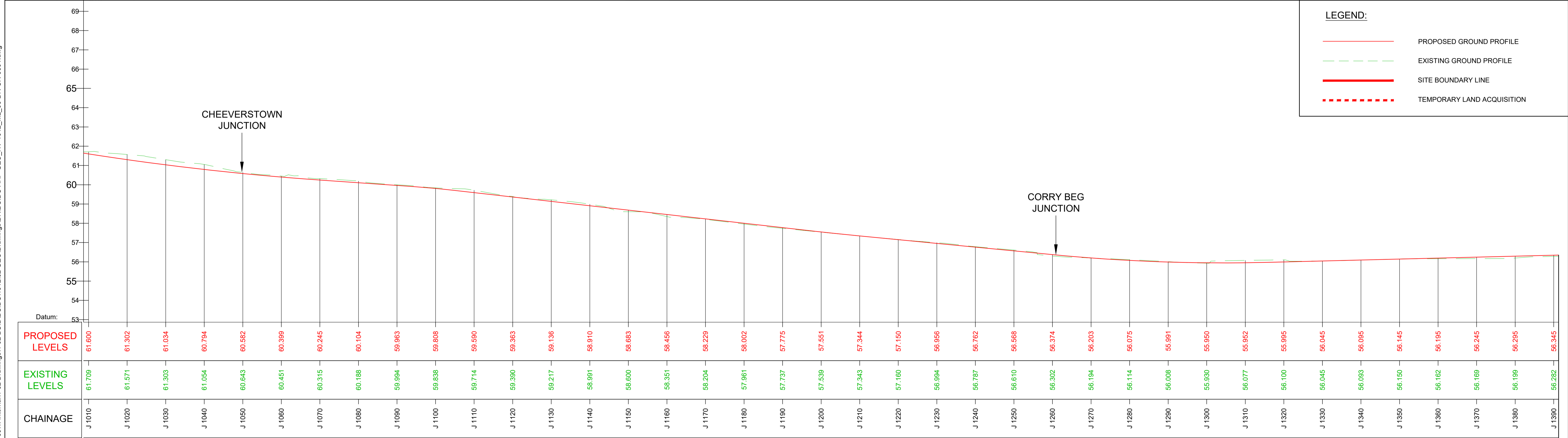
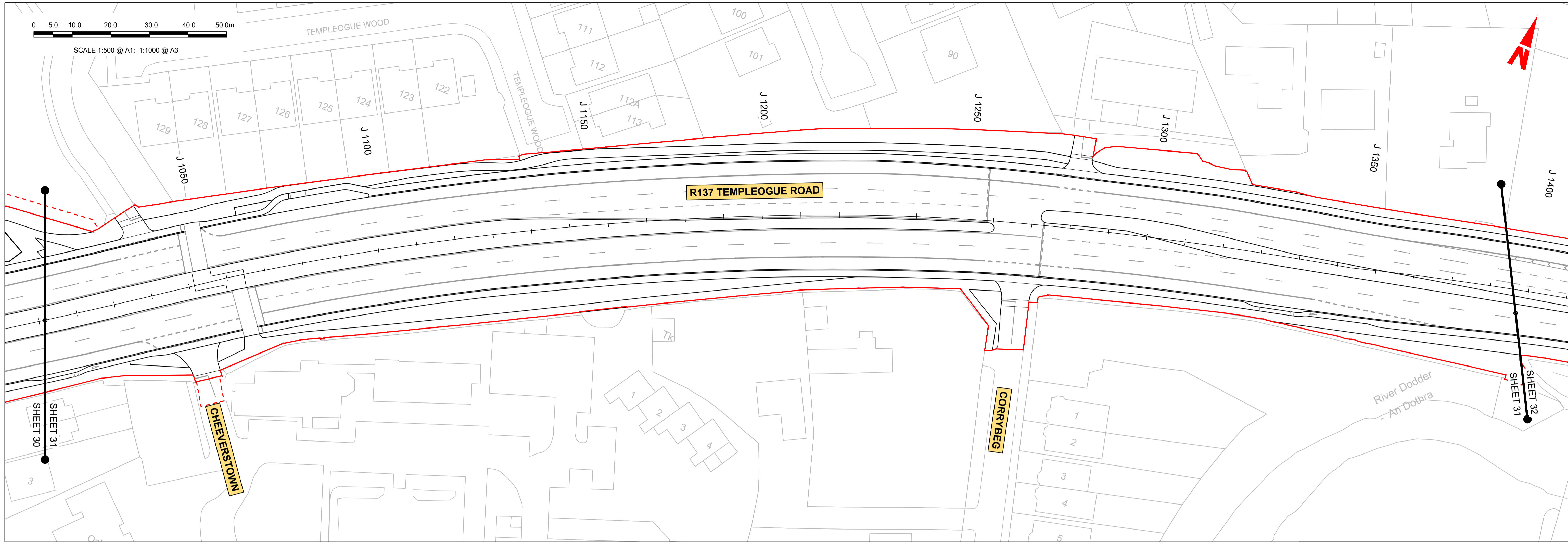
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M01	27/01/2023	GMcT	CMG	DC	ISSUE FOR PHASE 4: PLANNING

Date	Scale	Drawn	Checked	Approved
27/01/2023	1:500 @ A1 1:1000 @ A3	GMcT	CMG	DC
Project Code	Originator Code	QMS Code		
BCIDC	ARP	268401-00		

Client Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS	
Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE	
Drawing File Name	Sheet Number
BCIDC-ARP-GEO_HV-1292_ML_00-DR-CR-0001	29 of 38
Status	Rev
A	M01

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GEO_HV-0010_ML_01-M3-CR-0001-A01 LONGITUDINAL SECTION
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Project Ireland 2040
 Building Ireland's Future

Rev	Date	Drm	Chk'd	App'd	Description
M01	27/01/2023	GMcT	CMG	DC	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**
 Údarás Náisiúnta Iompair
 National Transport Authority

Engineering Designer: **ARUP**

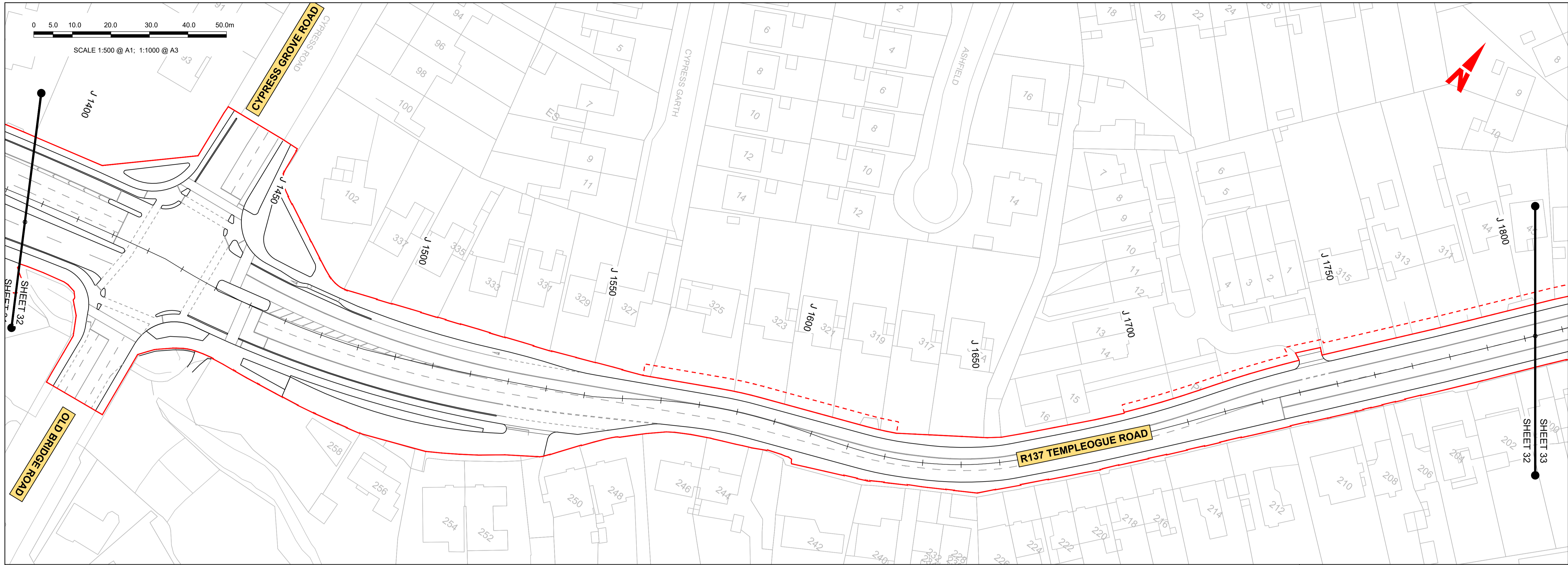
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 Scale: 1:500 @ A1, 1:1000 @ A3
 Drawn: GMcT, Checked: CMG, Approved: DC

Project Code: BCIDC, Originator Code: ARP, QMS Code: 268401-00

Programme Title: **BUSCONNECTS DUBLIN**
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

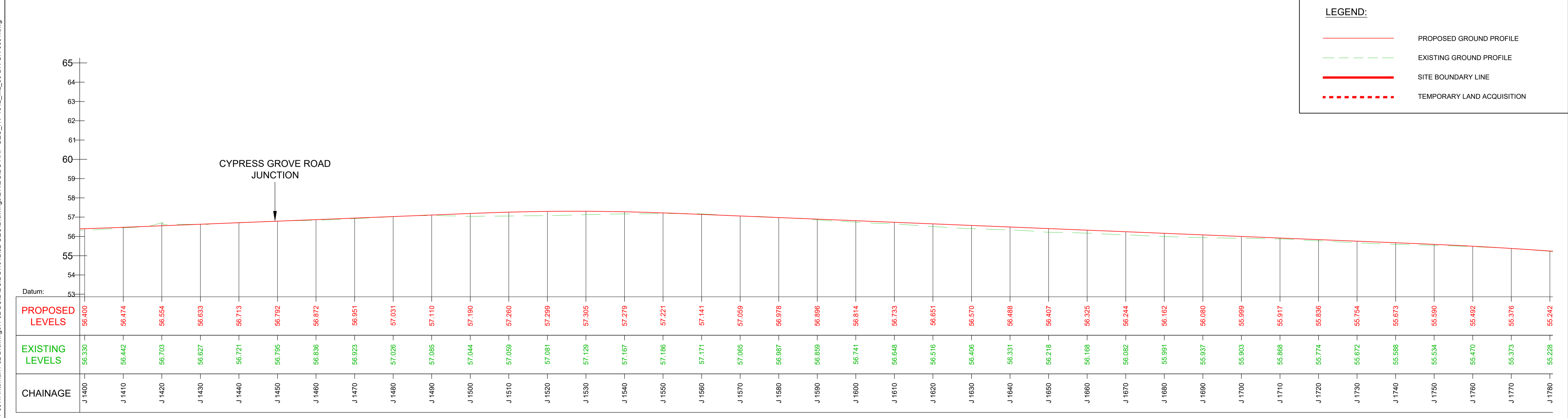
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MAINLINE PLAN AND PROFILE

Drawing File Name: BCIDC-ARP-GEO_HV-1302_ML_00-DR-CR-0001, Sheet Number: 30 of 38, Status: A, Rev: M01



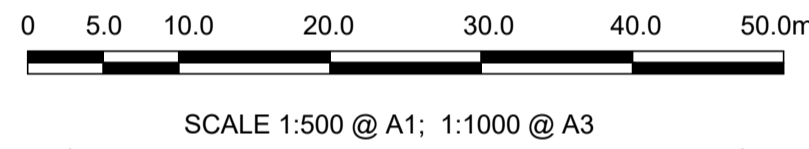
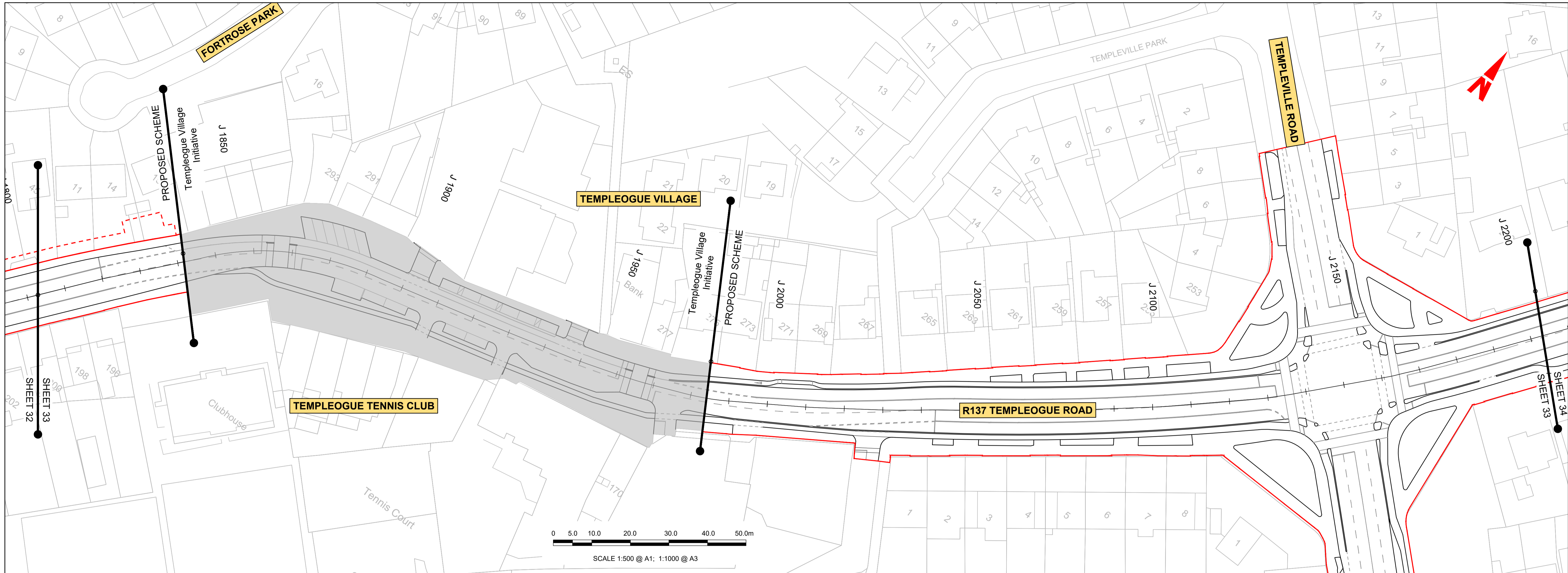
LEGEND:

	PROPOSED GROUND PROFILE
	EXISTING GROUND PROFILE
	SITE BOUNDARY LINE
	TEMPORARY LAND ACQUISITION



GEO_HV-0010_ML_01-M3-CR-0001-A01 LONGITUDINAL SECTION
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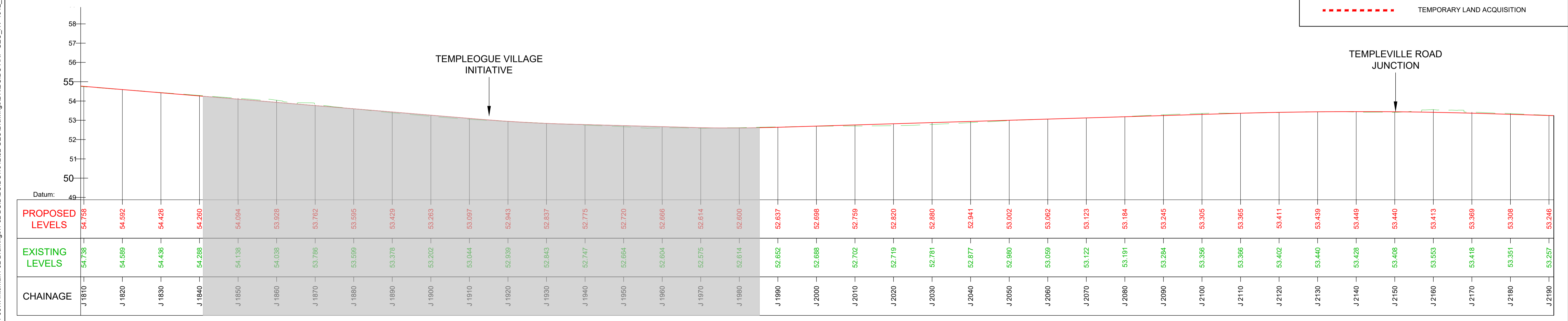
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LEGEND:

- PROPOSED GROUND PROFILE
- - - EXISTING GROUND PROFILE
- SITE BOUNDARY LINE
- - - TEMPORARY LAND ACQUISITION

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GEO_HV-0010_ML_01-M3-CR-0001-A01 LONGITUDINAL SECTION
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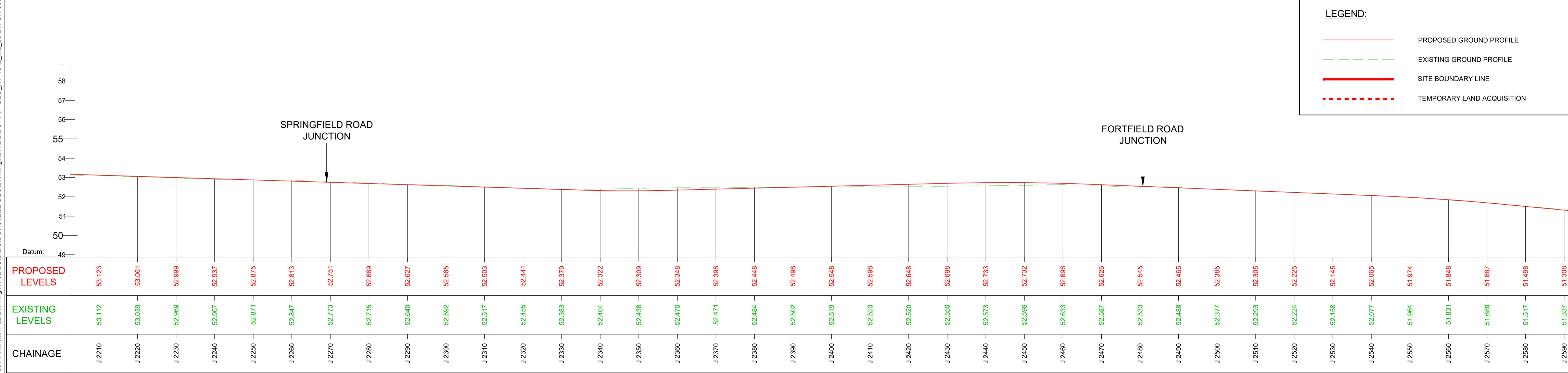
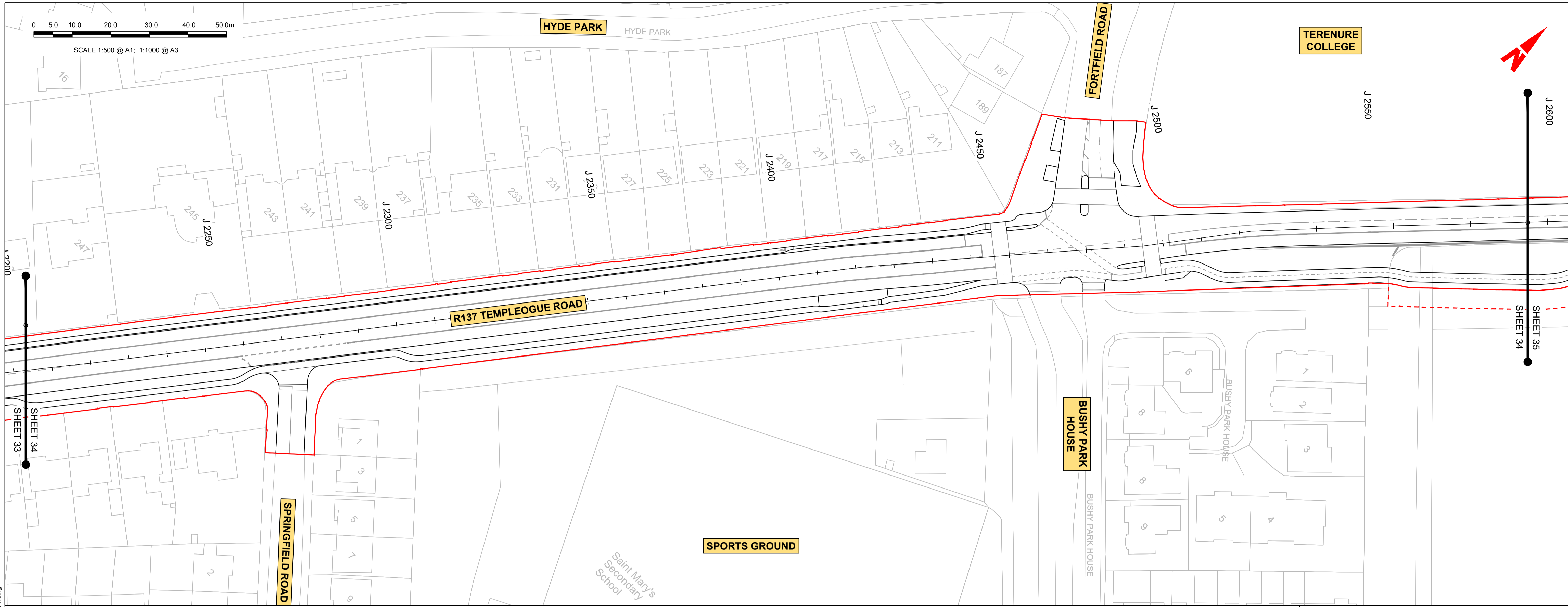
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M01	27/01/2023	GMt	CMG	DC	ISSUE FOR PHASE 4: PLANNING

Client

Engineering Designer

Programme Title		BUSCONNECTS DUBLIN	
		CORE BUS CORRIDORS INFRASTRUCTURE WORKS	
Drawing Title			
TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME			
MAINLINE PLAN AND PROFILE			
Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-GEO_HV-1322_ML_00-DR-CR-0001	32 of 38	A	M01

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LEGEND:

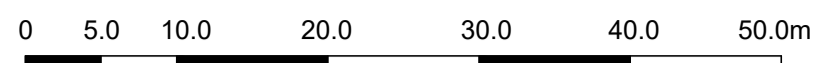
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- - - EXISTING GROUND PROFILE
- SITE BOUNDARY LINE
- - - TEMPORARY LAND ACQUISITION

GEO_HV-0010_ML_01-M3-CR-0001-A01 LONGITUDINAL SECTION
SCALE: H 1:500, V 1:100

<p>Project Ireland 2040 Building Ireland's Future</p>		<p>Rev M01 Date 27/01/2023 Dm GMt Chk'd CMG App'd DC Description ISSUE FOR PHASE 4: PLANNING</p>		<p>Client NTA Údarás Náisiúnta Iompair National Transport Authority</p>		<p>Engineering Designer ARUP</p>			<p>Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</p>		
<p>Date 27/01/2023 Scale 1:500 @ A1 1:1000 @ A3</p>		<p>Drawn GMt Checked CMG Approved DC</p>		<p>Project Code BCIDC Originator Code ARP</p>		<p>QMS Code 268401-00</p>			<p>Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE</p>		
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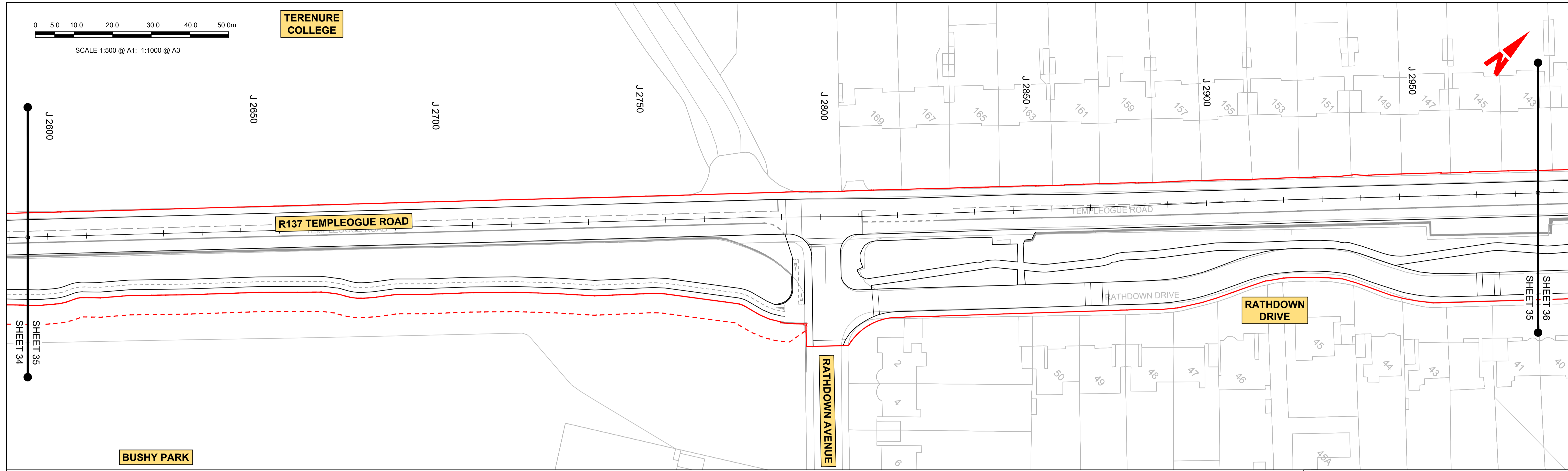
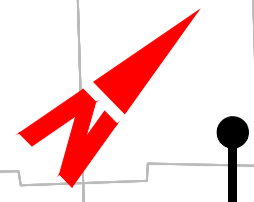
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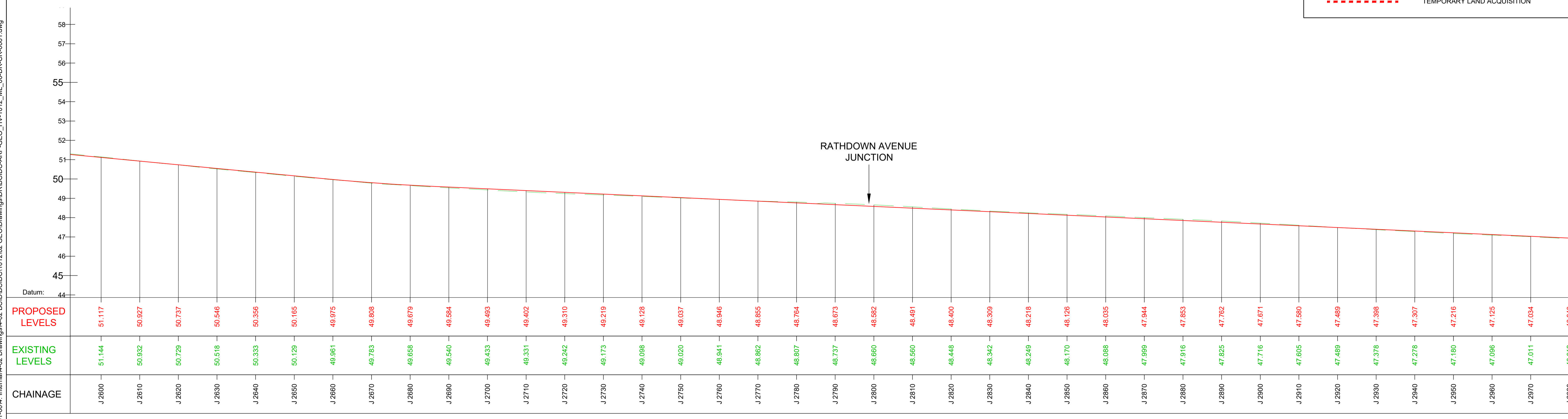
TERENURE COLLEGE



BUSHY PARK

LEGEND:

- PROPOSED GROUND PROFILE
- - - EXISTING GROUND PROFILE
- SITE BOUNDARY LINE
- - - TEMPORARY LAND ACQUISITION

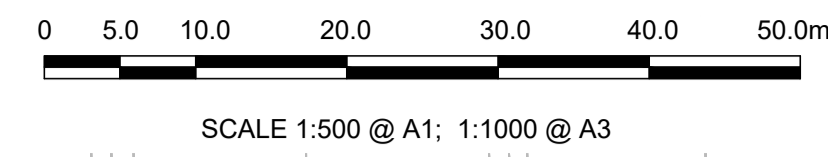
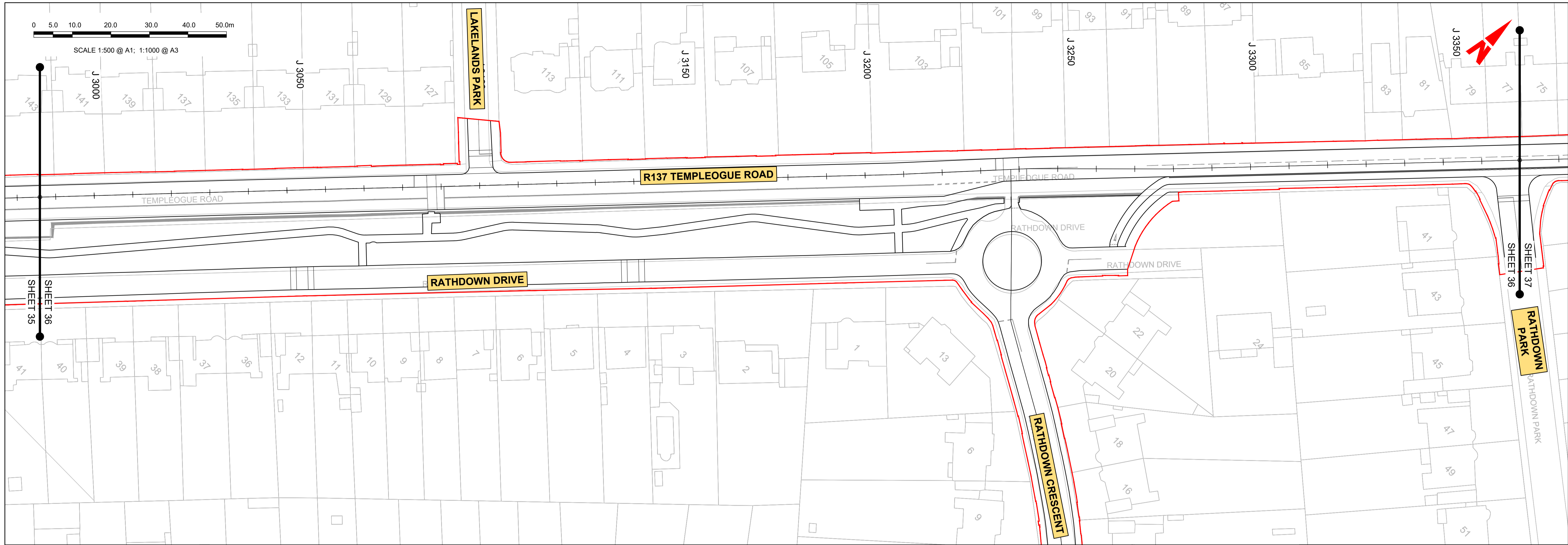


GEO_HV-0010_ML_01-M3-CR-0001-A01 LONGITUDINAL SECTION
SCALE: H 1:500, V 1:100

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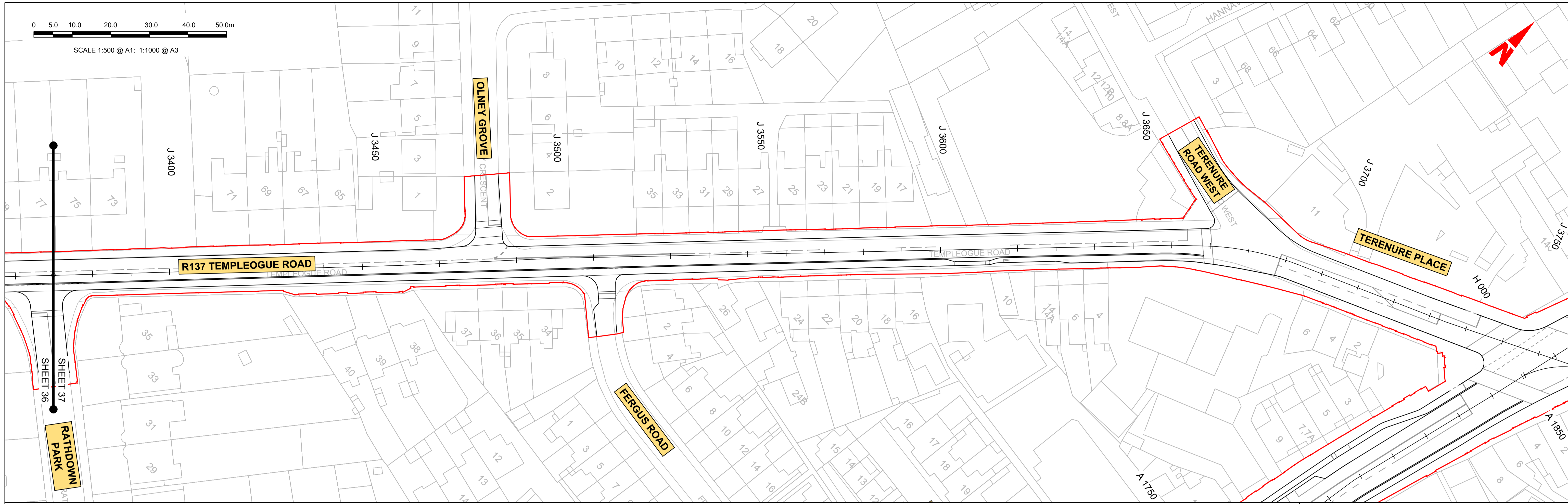
- PROPOSED GROUND PROFILE
- - - EXISTING GROUND PROFILE
- = SITE BOUNDARY LINE
- - - - - TEMPORARY LAND ACQUISITION

CHAINAGE	PROPOSED LEVELS	EXISTING LEVELS
J 2990	46.851	46.619
J 3000	46.760	46.731
J 3010	46.669	46.646
J 3020	46.578	46.557
J 3030	46.487	46.467
J 3040	46.396	46.386
J 3050	46.305	46.301
J 3060	46.219	46.214
J 3070	46.156	46.129
J 3080	46.098	46.063
J 3090	46.040	45.997
J 3100	45.983	45.948
J 3110	45.925	45.908
J 3120	45.867	45.857
J 3130	45.809	45.787
J 3140	45.751	45.725
J 3150	45.693	45.667
J 3160	45.636	45.612
J 3170	45.578	45.556
J 3180	45.520	45.496
J 3190	45.462	45.449
J 3200	45.404	45.385
J 3210	45.346	45.325
J 3220	45.288	45.248
J 3230	45.231	45.174
J 3240	45.173	45.120
J 3250	45.115	45.073
J 3260	45.057	45.019
J 3270	44.999	44.965
J 3280	44.941	44.914
J 3290	44.884	44.863
J 3300	44.834	44.786
J 3310	44.795	44.756
J 3320	44.765	44.744
J 3330	44.736	44.723
J 3340	44.707	44.698
J 3350	44.678	44.677
J 3360	44.649	44.666
J 3370	44.619	44.625

GEO_HV-0010_ML_01-M3-CR-0001-A01 LONGITUDINAL SECTION
SCALE: H 1:500, V 1:100

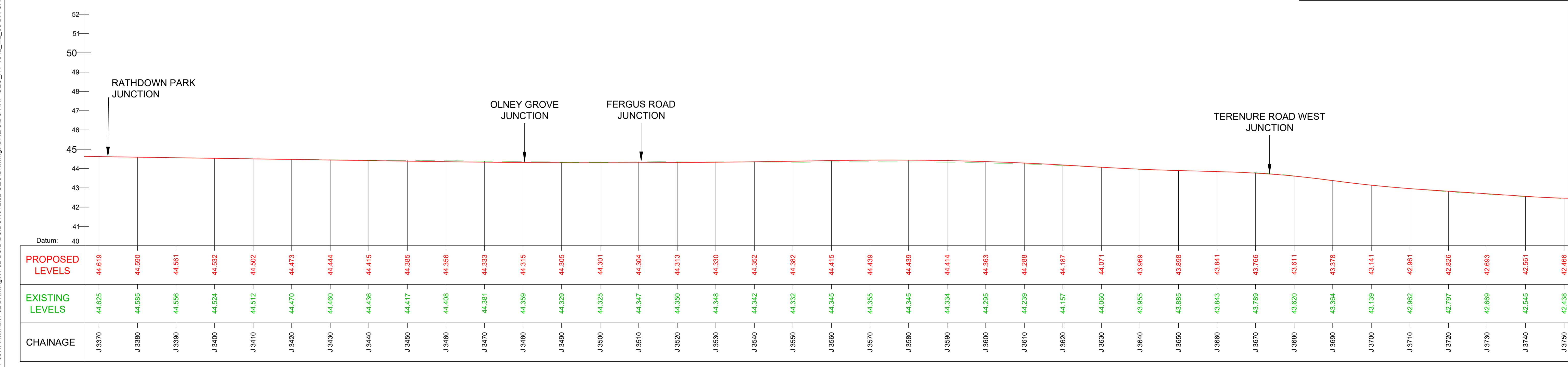
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LEGEND:

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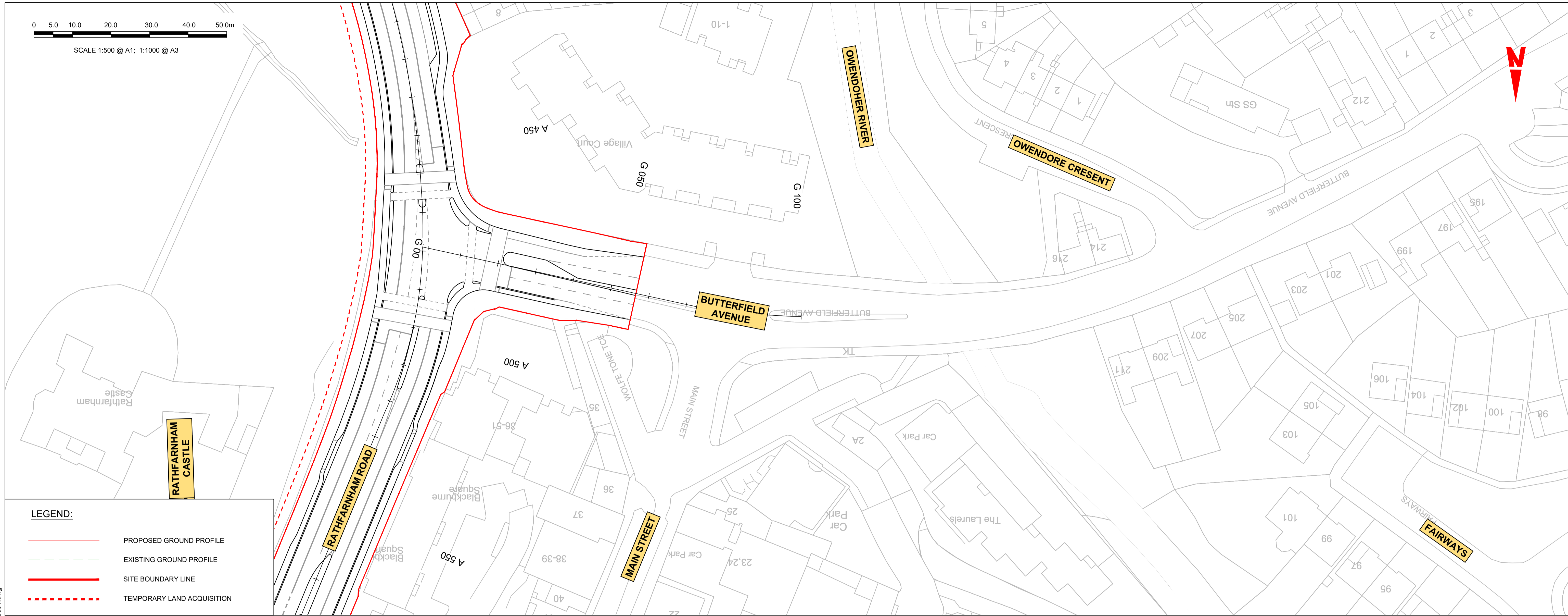
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SCALE: H 1:500, V 1:100

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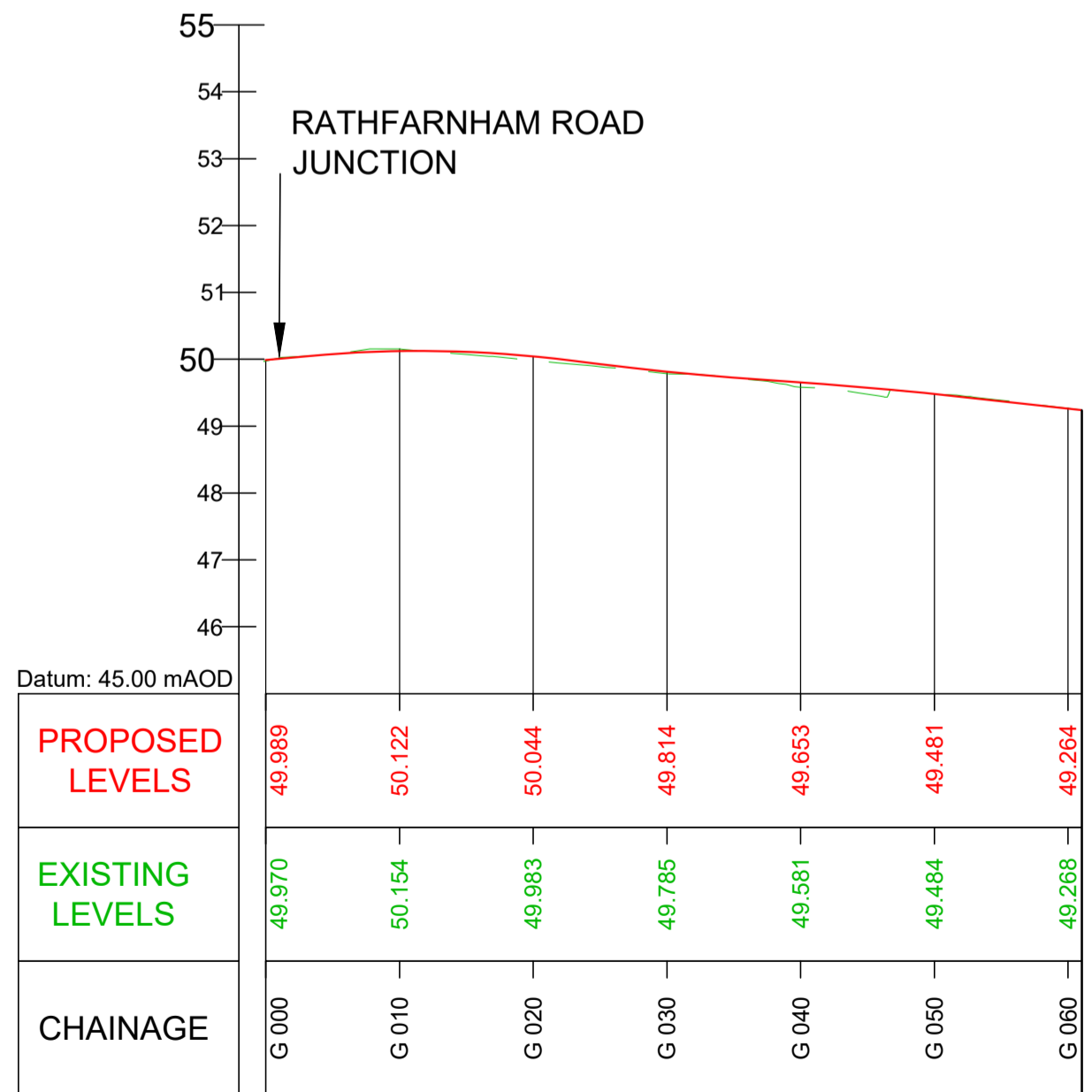


SCALE 1:500 @ A1; 1:1000 @ A3



LEGEND:

	PROPOSED GROUND PROFILE
	EXISTING GROUND PROFILE
	SITE BOUNDARY LINE
	TEMPORARY LAND ACQUISITION



GEO_HV-0012_SR_01-M3-CR-0001-A03 LONGITUDINAL SECTION
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 Building Ireland's Future

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M01	27/01/2023	GMcT	CMG	DC	ISSUE FOR PHASE 4: PLANNING

Client

 Údarás Náisiúnta Iompair
 National Transport Authority

Engineering Designer

Programme Title
BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

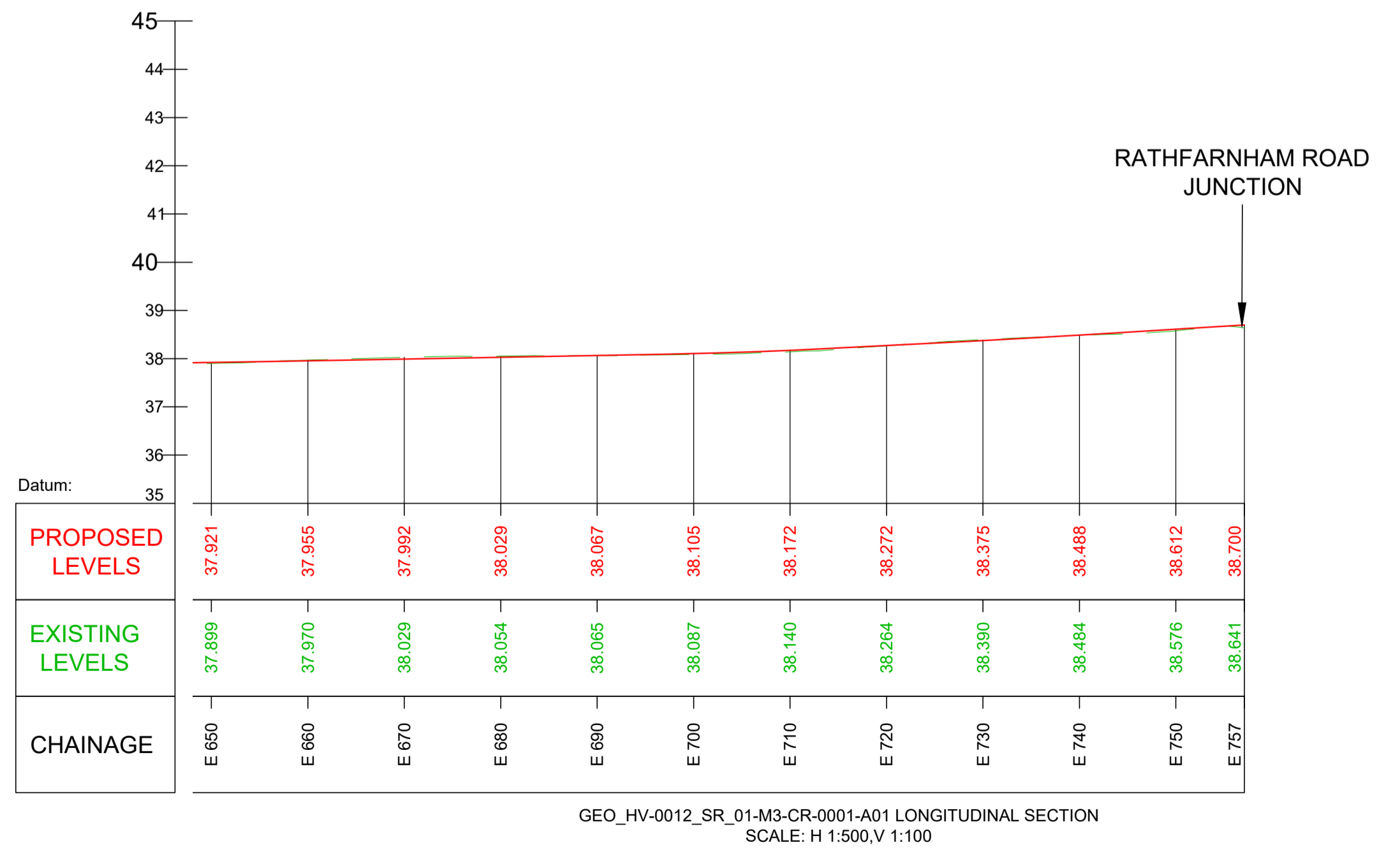
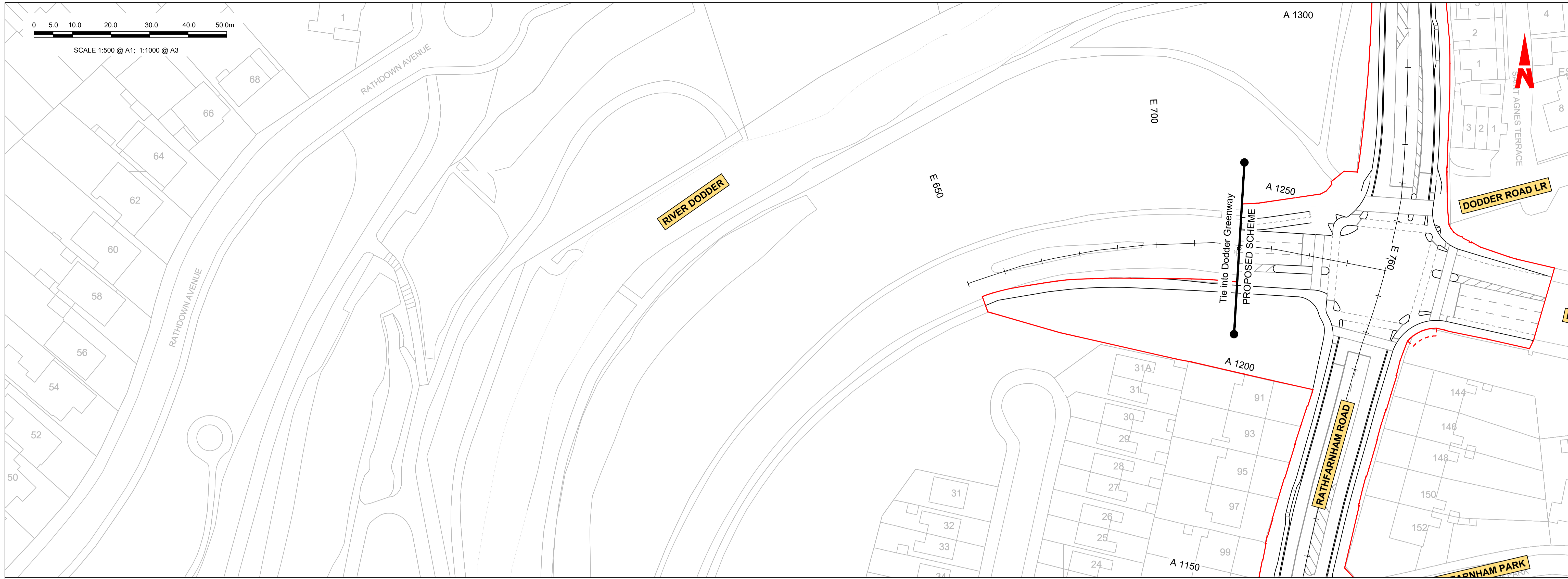
Drawing Title
 TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME
 MAINLINE PLAN AND PROFILE

Date	Scale	Drawn	Checked	Approved
27/01/2023	1:500 @ A1 1:1000 @ A3	GMcT	CMG	DC

Project Code BCIDC **Originator Code** ARP **QMS Code** 268401-00

Drawing File Name BCIDC-ARP-GEO_HV-1372_ML_00-DR-CR-0001 **Sheet Number** 37 of 38 **Status** A **Rev** M01

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Client: **NTA**
Udarás Náisiúnta Iompair
National Transport Authority

Engineering Designer: **ARUP**

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Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE			
Drawing File Name: BCIDC-ARP-GEO_HV-1382_ML_00-DR-CR-0001	Sheet Number: 38 of 38	Status: A	Rev: M01

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