Appendix B3
Mainline Plan and Profile

BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

TALLAGHT/CLONDALKIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME

MAIN LINE PLAN AND PROFILE

DRAWING SERIES NUMBER(S)	DRAWING SERIES DESCRIPTION
BCIDA-ACM-GEO_IX-0809_XX_00-DR-CR-0003	TALLAGHT/CLONDALKIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. MAIN LINE PLAN AND PROFILE. COVER SHEET
BCIDA-ACM-GEO_KP-0809_ML_00-DR-CR-0001	TALLAGHT/CLONDALKIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. MAIN LINE PLAN AND PROFILE. KEY PLAN
BCIDA-ACM-GEO_HV-0809_ML_00-DR-CR-0001 to 0045	TALLAGHT/CLONDALKIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. PLAN AND PROFILE

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Rev	Date	Drn	Chk'd	App'd	Description
M01	21/03/23	EM	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client: NTA Údarás Náisiúnta Iompair National Transport Authority

Engineering Designer: AECOM MOTT MACDONALD

Date	Scale	Drawn	Checked	Approved
21/03/23	N/A @ A1 N/A @ A3	E.MINCHER	A.DUGGAN	C.ACTON

Project Code	Originator Code	QMS Code
BCIDA	ACM	

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title: TALLAGHT/CLONDALKIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAIN LINE PLAN AND PROFILE COVER SHEET

Drawing File Name	Sheet Number	Status	Rev
BCIDA-ACM-GEO_IX-0809_XX_00-DR-CR-0003	01 of 01	A	M01

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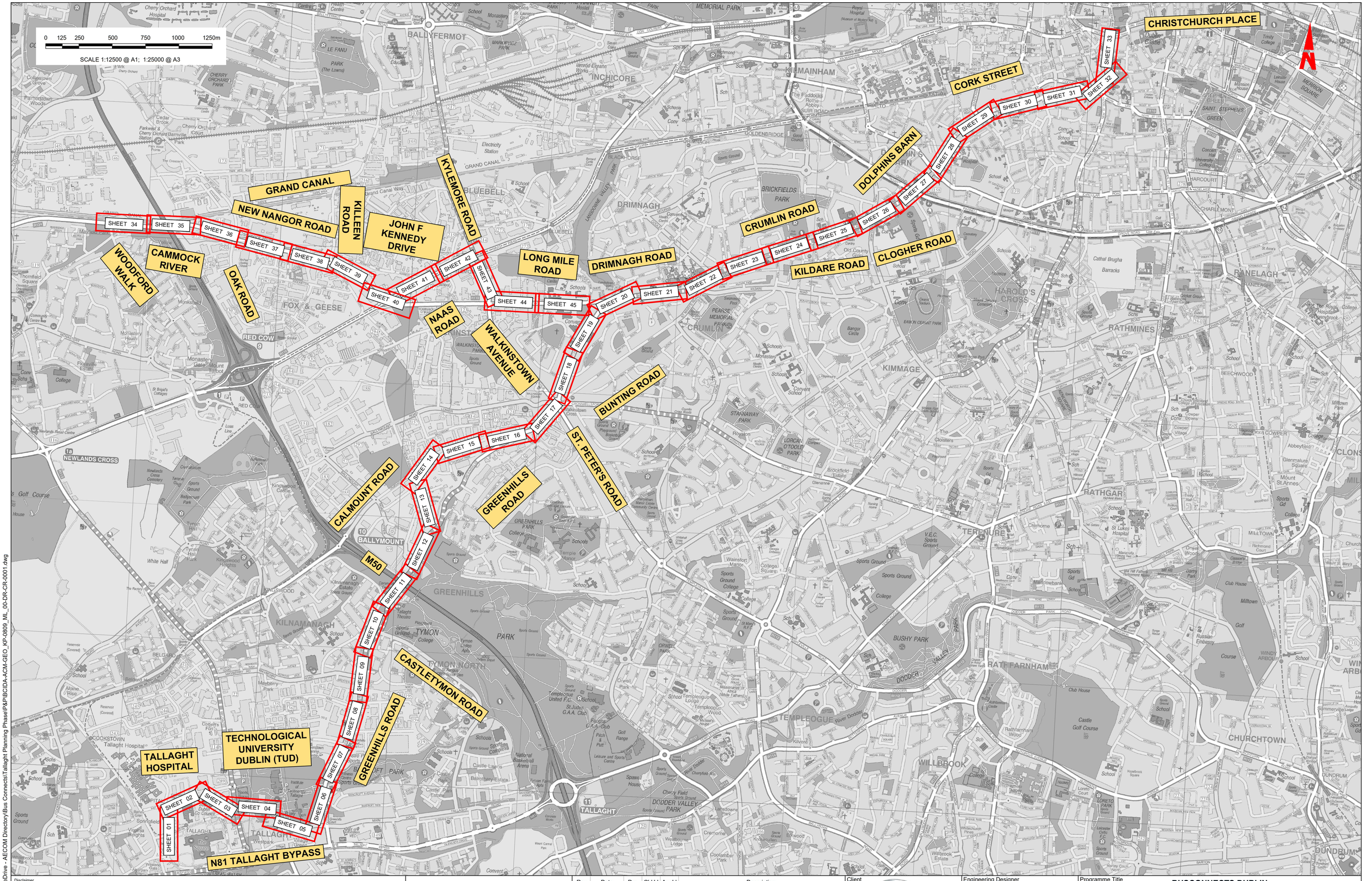

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Client: NTA — Údarás Náisiúnta Iompair, National Transport Authority

Engineering Designer: AECOM / MOTT MACDONALD

Date	Scale	Drawn	Checked	Approved
21/03/23	1:12500 @ A1 1:25000 @ A3	E.MINCHER	A.DUGGAN	C.ACTON

Project Code	Originator Code	QMS Code
BCIDA	ACM	

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

Drawing Title: TALLAGHT/CLONDALKIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME
MAIN LINE PLAN AND PROFILE
KEY PLAN

Drawing File Name	Sheet Number	Status	Rev
BCIDA-ACM-GEO_KP-0809_XX_00-DR-CR-0001	01 of 01	A	M01

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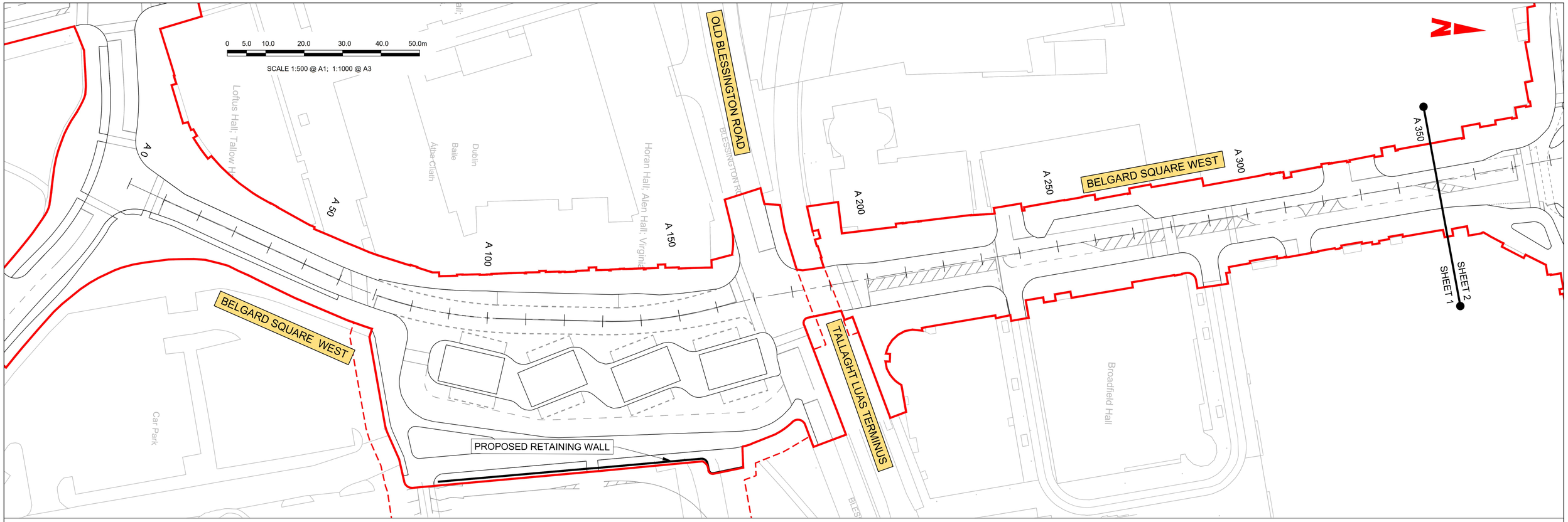

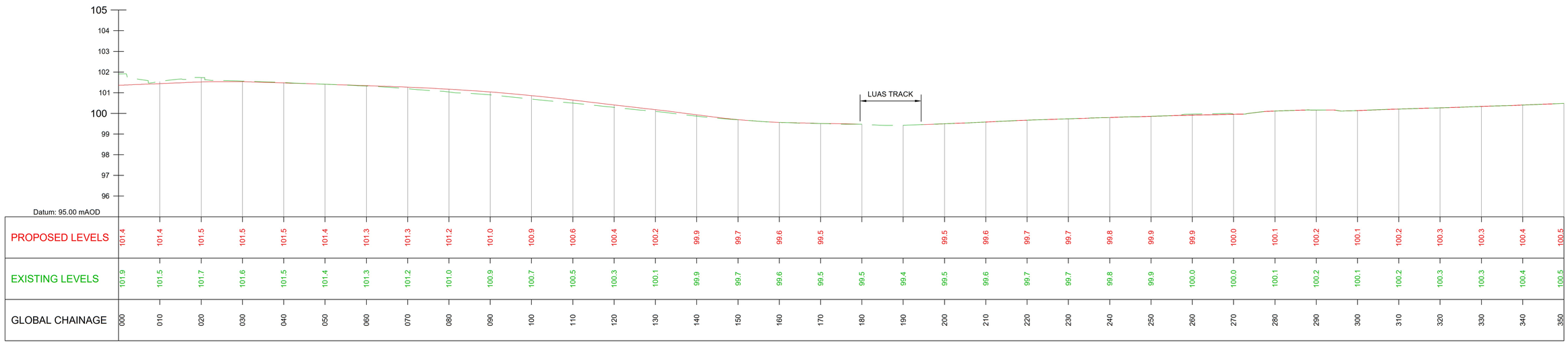

GEO_HV-0009_ML_XX-M3-CR-0001 - A01 - LONGITUDINAL SECTION
SCALE: H 1:500,V 1:100

LEGEND:

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

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Engineering Designer: AECOM / MOTT MACDONALD

Date	Scale	Drawn	Checked	Approved
21/03/23	1:500 @ A1, 1:1000 @ A3	E.MINCHER	A.DUGGAN	C.ACTON

Project Code	Originator Code	QMS Code
BCIDA	ACM	

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

Drawing Title: TALLAGHT/CLONDALKIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE

Drawing File Name	Sheet Number	Status	Rev
BCIDA-ACM-GEO_HV-0809_ML_00-DR-CR-0001	01 of 45	A	M01

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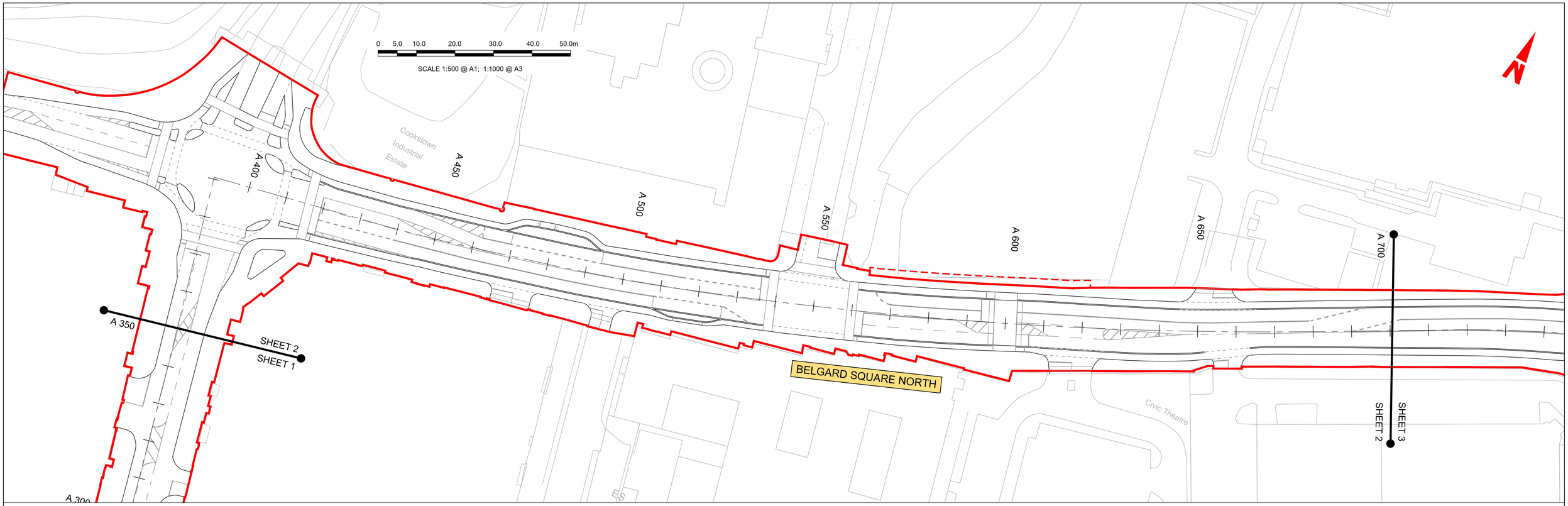
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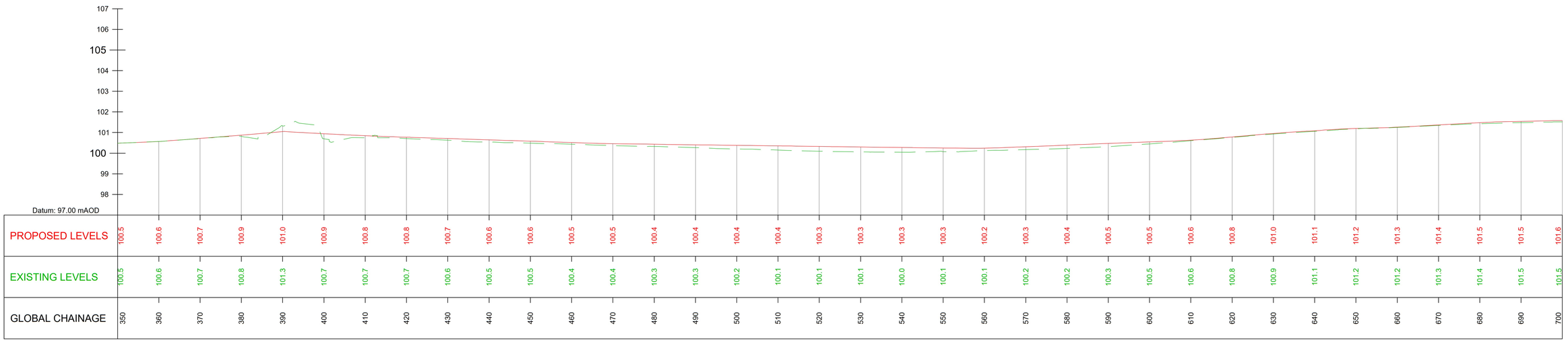
A 300
A 350
A 400
A 450
A 500
A 550
A 600
A 650
A 700
SHEET 1
SHEET 2
SHEET 2
SHEET 3
BELGARD SQUARE NORTH
Civic Theatre
ESB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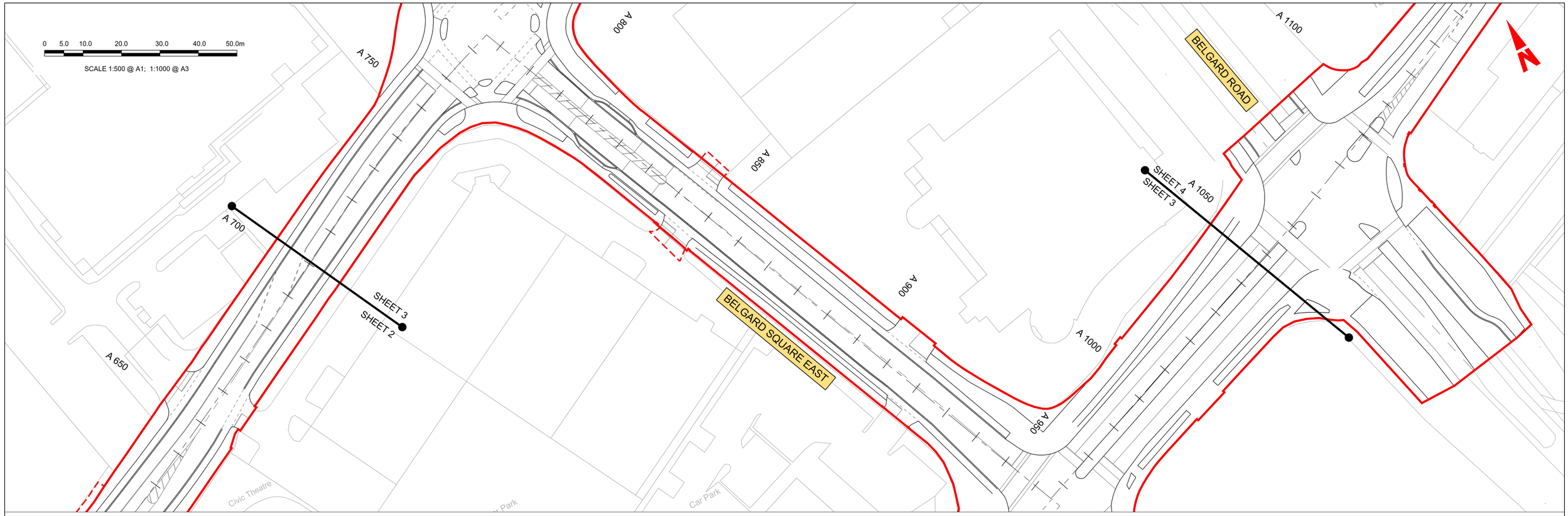
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A 850
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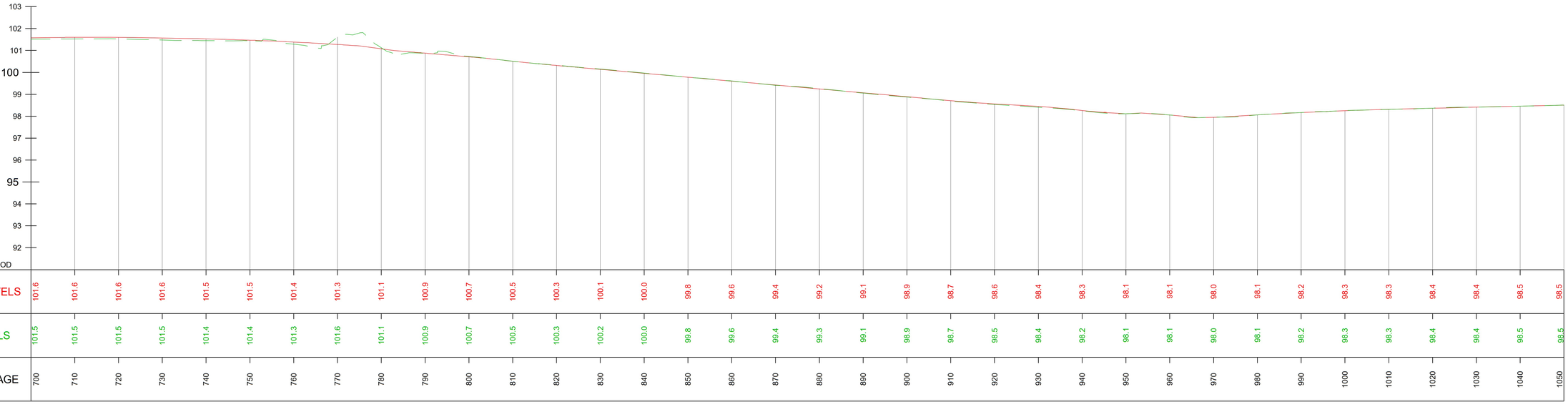
A 950
A 1000
A 1050
A 1100
A 700
A 650
SHEET 3
SHEET 2
SHEET 4
SHEET 3
BELGARD SQUARE EAST
BELGARD ROAD
Civic Theatre
Car Park
Car Park
N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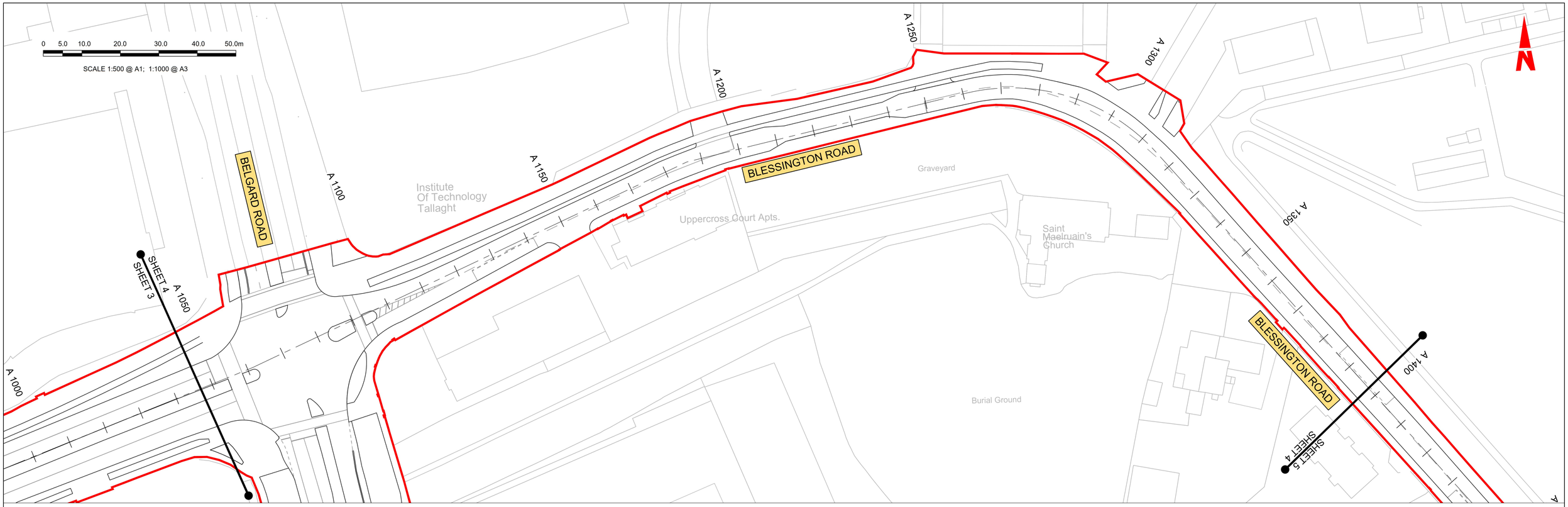

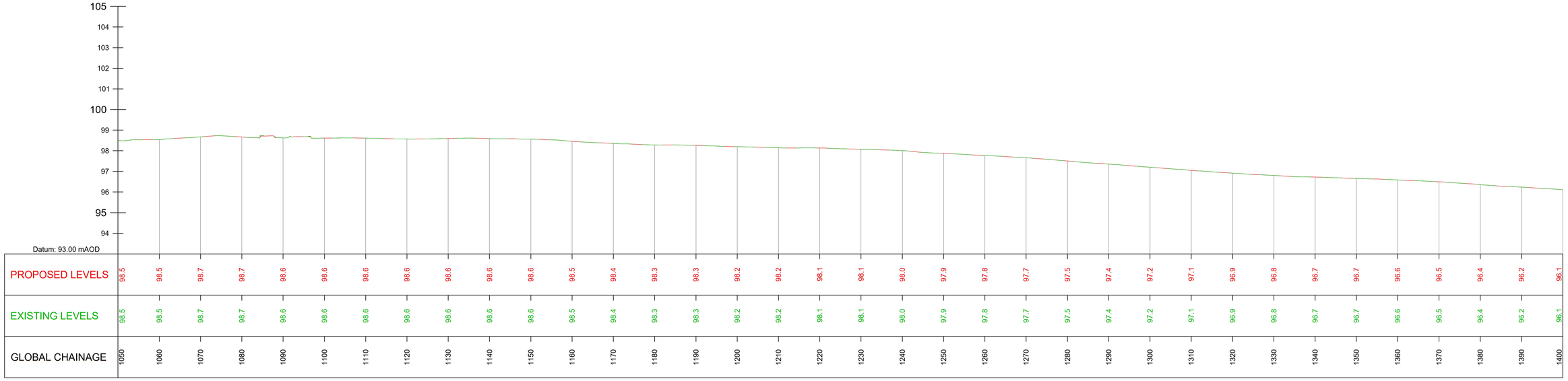

GEO_HV-0009_ML_XX-M3-CR-0001 - A01 - LONGITUDINAL SECTION
SCALE: H 1:500,V 1:100

LEGEND:

- PROPOSED GROUND PROFILE
- EXISTING GROUND PROFILE
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M01	22/03/23	EM	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client: NTA National Transport Authority (Údarás Náisiúnta Iompair)
Engineering Designer: AECOM / MOTT MACDONALD

Date	Scale	Drawn	Checked	Approved
22/03/23	1:500 @ A1, 1:1000 @ A3	E.MINCHER	A.DUGGAN	C.ACTON

Project Code	Originator Code	QMS Code
BCIDA	ACM	

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

Drawing Title: TALLAGHT/CLONDALKIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME
MAINLINE PLAN AND PROFILE

Drawing File Name	Sheet Number	Status	Rev
BCIDA-ACM-GEO_HV-0809_ML_00-DR-CR-0004	04 of 45	A	M01

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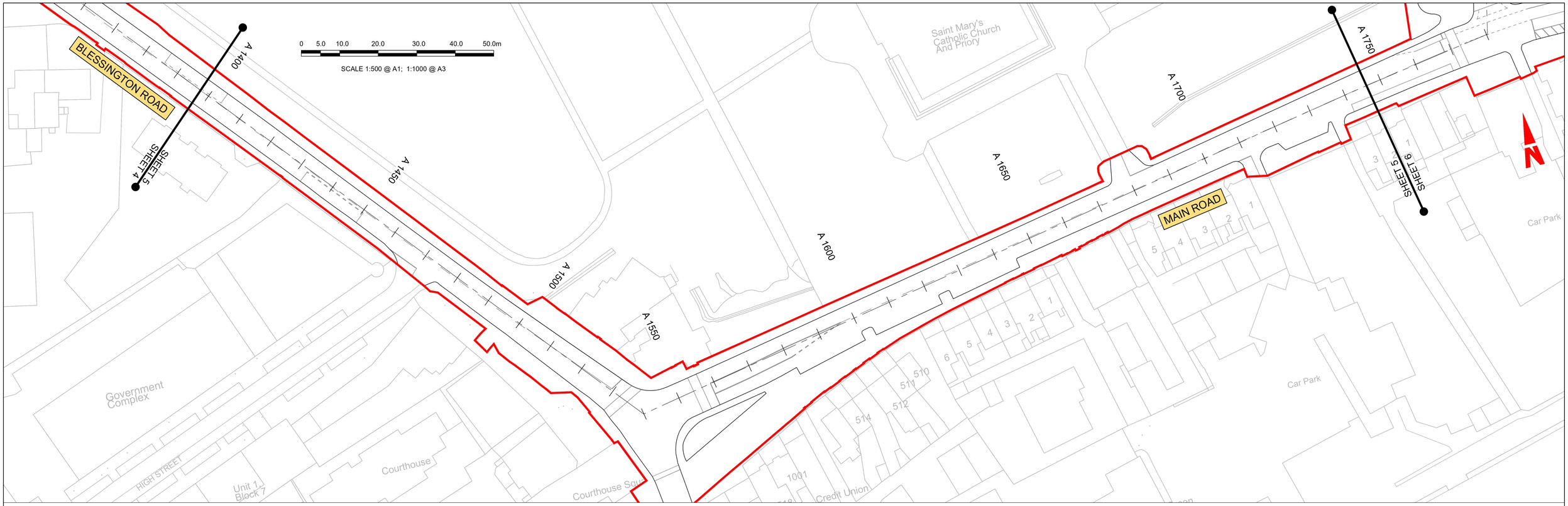
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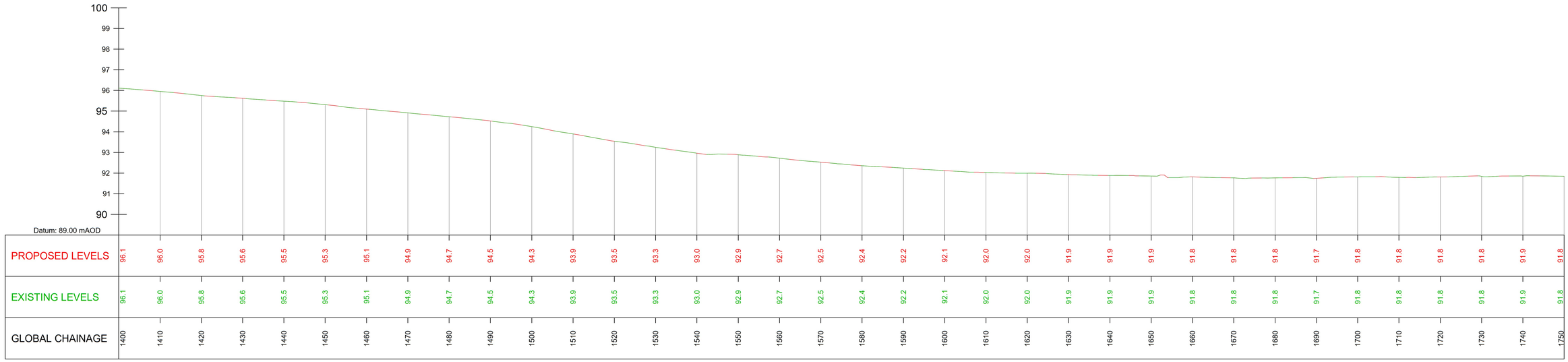
MAIN ROAD
A 1400
A 1450
A 1500
A 1550
A 1600
A 1650
A 1700
A 1750
SHEET 4
SHEET 5
SHEET 6
0 5.0 10.0 20.0 30.0 40.0 50.0m
SCALE 1:500 @ A1; 1:1000 @ A3
Saint Mary's Catholic Church And Priory
Government Complex
Courthouse
Unit 1, Block 7
HIGH STREET
Courthouse Square
Credit Union
Car Park
Car Park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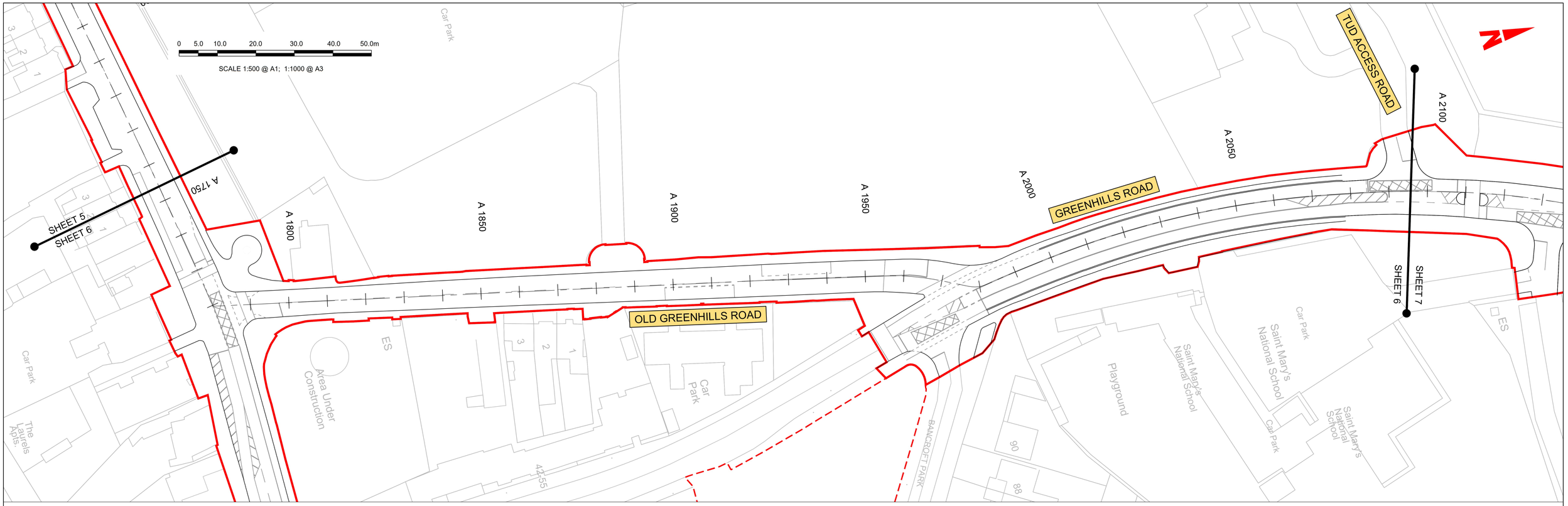
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A 1800
A 1850
A 1900
A 1950
A 2000
A 2050
A 2100
SHEET 5
SHEET 6
SHEET 6
SHEET 7
TUD ACCESS ROAD
GREENHILLS ROAD
OLD GREENHILLS ROAD
Car Park
Area Under Construction
ES
The Laurels Apts.
Playground
Saint Mary's National School
BANCROFT PARK
42.55

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Datum: 80.00 mAOD

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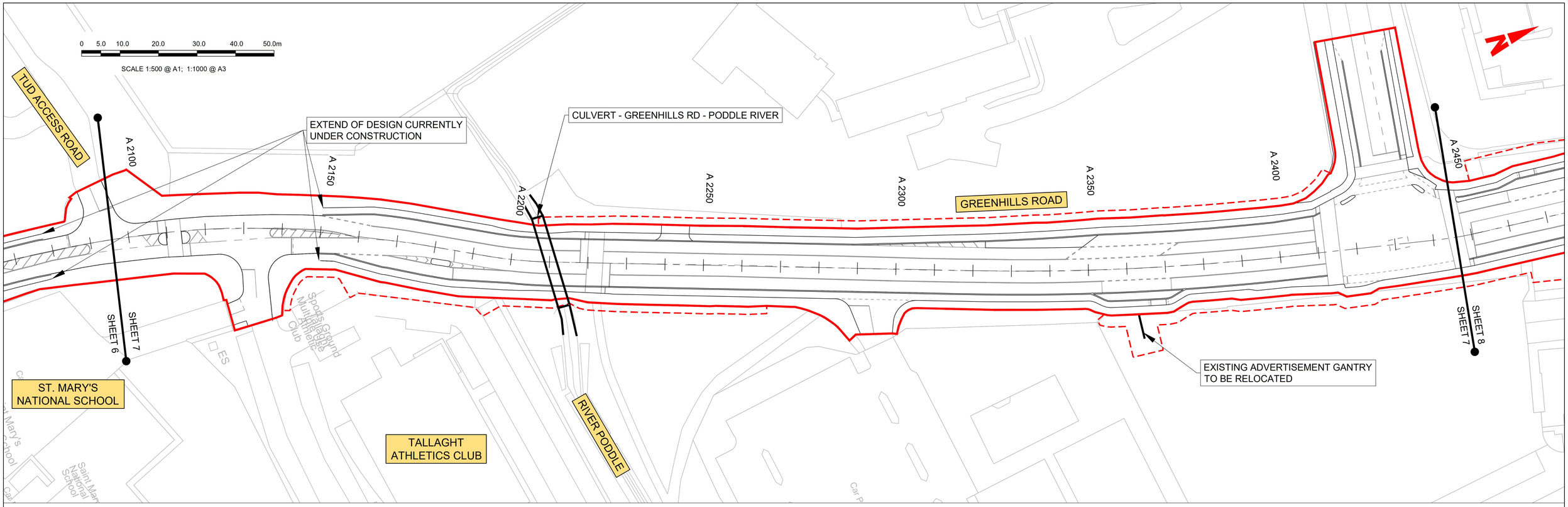

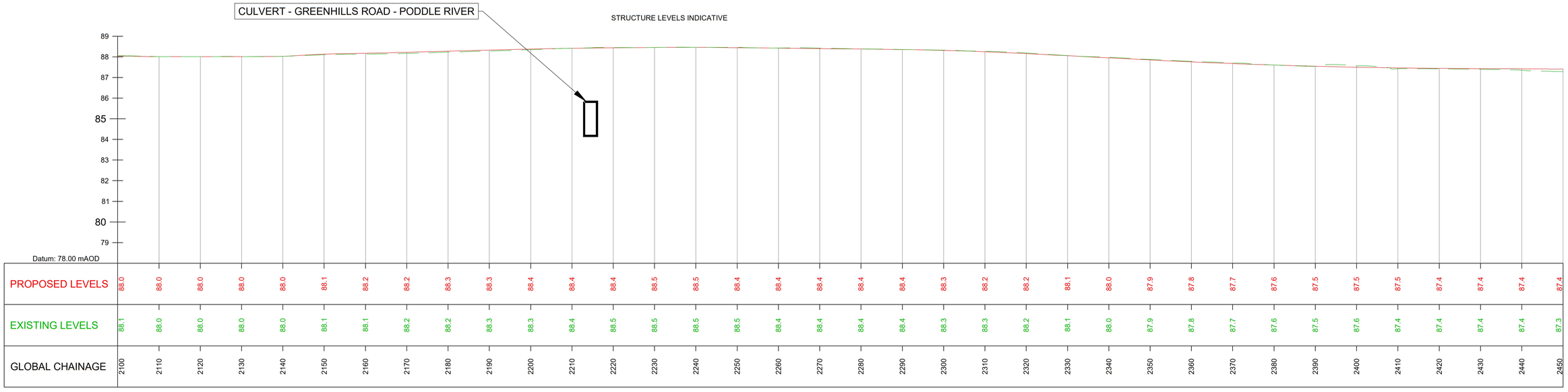

GEO_HV-0009_ML_XX-M3-CR-0001 - A01 - LONGITUDINAL SECTION
SCALE: H 1:500,V 1:100

LEGEND:

- PROPOSED GROUND PROFILE
- EXISTING GROUND PROFILE
- SITE BOUNDARY LINE
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Engineering Designer: AECOM / MOTT MACDONALD

Date	Scale	Drawn	Checked	Approved
21/03/23	1:500 @ A1, 1:1000 @ A3	E.MINCHER	A.DUGGAN	C.ACTON

Project Code	Originator Code	QMS Code
BCIDA	ACM	

Programme Title: BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title: TALLAGHT/CLONDALKIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE

Drawing File Name	Sheet Number	Status	Rev
BCIDA-ACM-GEO_HV-0809_ML_00-DR-CR-0007	07 of 45	A	M01

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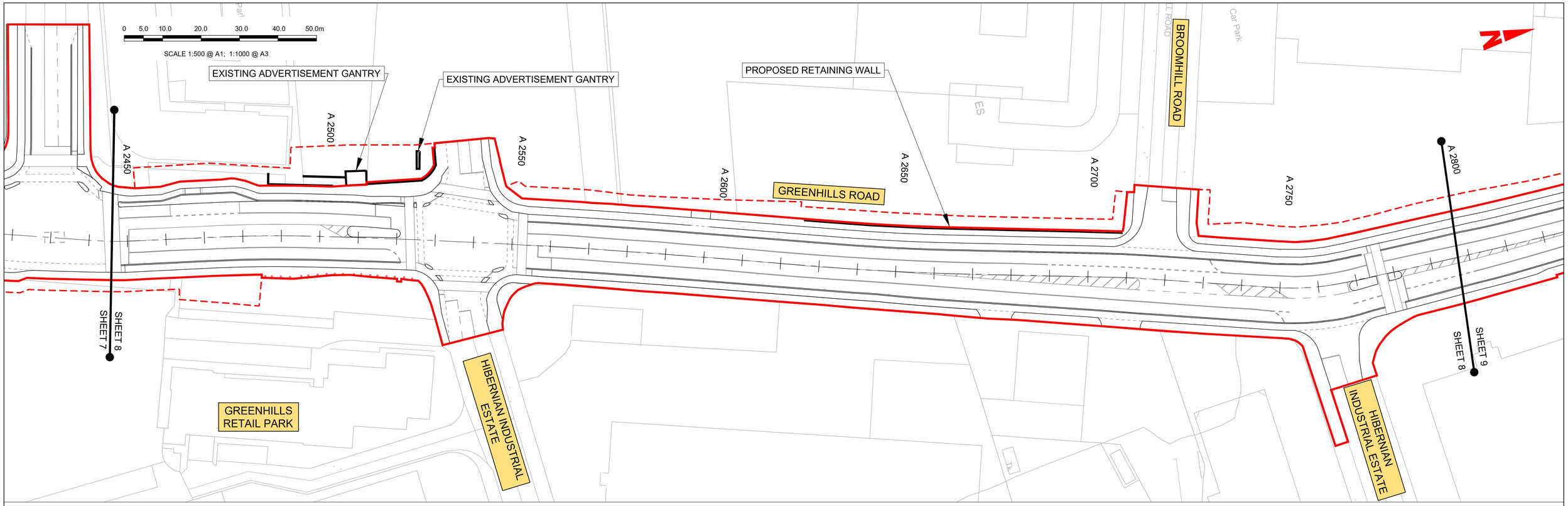

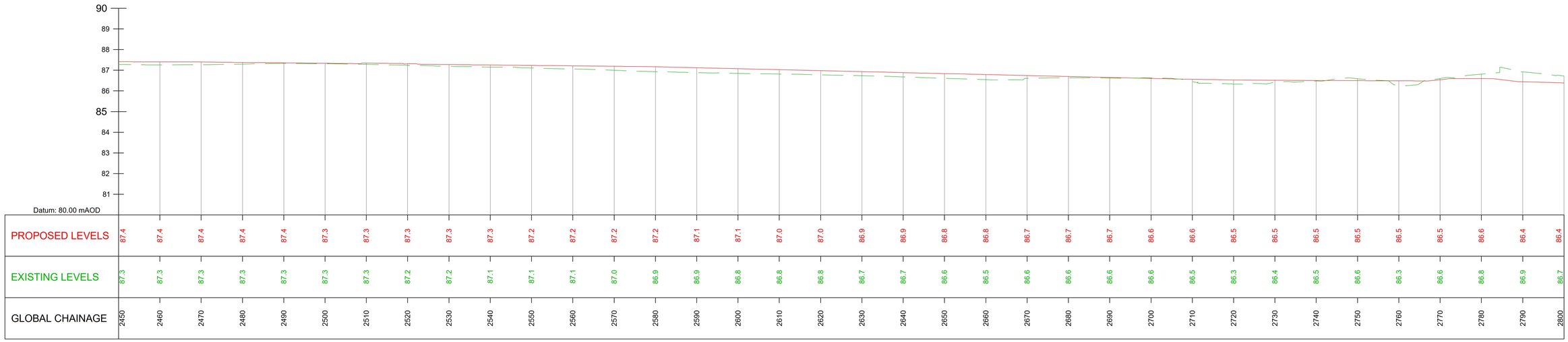

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EXISTING LEVELS	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.2	87.2	87.1	87.1	87.1	87.0	86.9	86.9	86.8	86.8	86.8	86.7	86.7	86.6	86.5	86.6	86.6	86.6	86.6	86.5	86.3	86.4	86.5	86.6	86.3	86.6	86.8	86.9	86.7
PROPOSED LEVELS	87.4	87.4	87.4	87.4	87.4	87.3	87.3	87.3	87.3	87.3	87.2	87.2	87.2	87.2	87.1	87.1	87.0	87.0	86.9	86.9	86.8	86.8	86.7	86.7	86.7	86.6	86.6	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.4	86.4

GEO_HV-0009_ML_XX-M3-CR-0001 - A01 - LONGITUDINAL SECTION
SCALE: H 1:500,V 1:100

LEGEND:

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

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Project Ireland 2040 Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
M01	21/03/23	EM	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client: NTA Údarás Náisiúnta Iompair National Transport Authority

Engineering Designer: AECOM / MOTT MACDONALD

Date	Scale	Drawn	Checked	Approved
21/03/23	1:500 @ A1, 1:1000 @ A3	E.MINCHER	A.DUGGAN	C.ACTON

Project Code	Originator Code	QMS Code
BCIDA	ACM	

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

Drawing Title: TALLAGHT/CLONDALKIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE

Drawing File Name	Sheet Number	Status	Rev
BCIDA-ACM-GEO_HV-0809_ML_00-DR-CR-0008	08 of 45	A	M01

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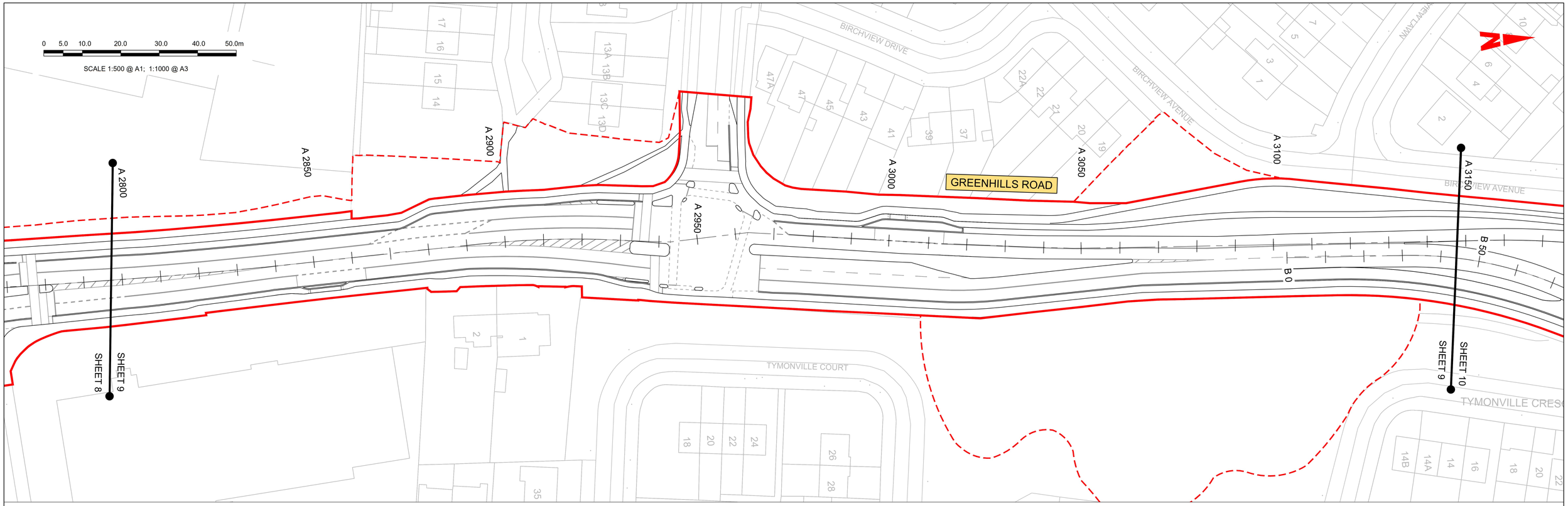
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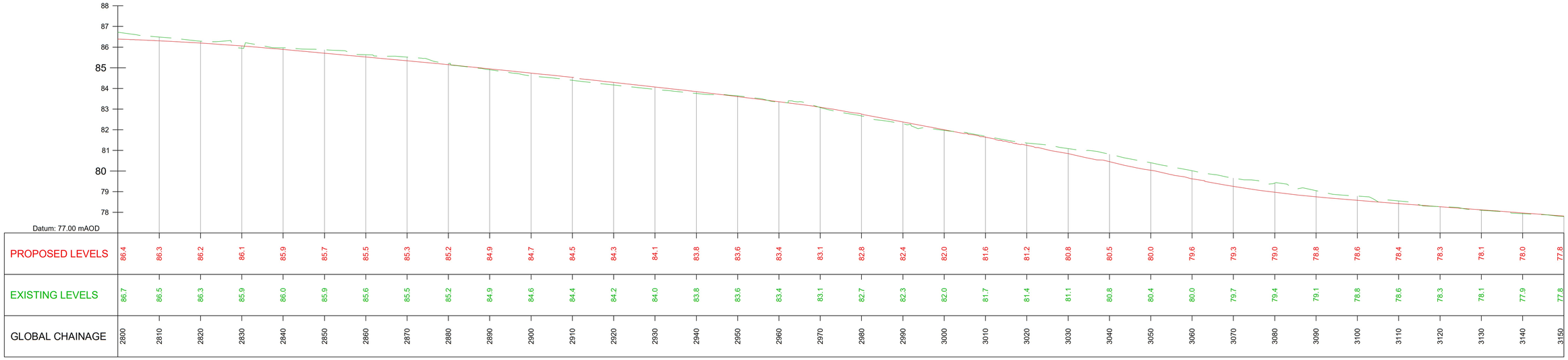
SCALE 1:500 @ A1; 1:1000 @ A3
A 2800
A 2850
A 2900
A 2950
A 3000
A 3050
A 3100
A 3150
SHEET 8
SHEET 9
SHEET 9
SHEET 10
GREENHILLS ROAD
BIRCHVIEW DRIVE
BIRCHVIEW AVENUE
TYMONVILLE COURT
TYMONVILLE CRES
B 50
B 0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Datum: 77.00 mAOD

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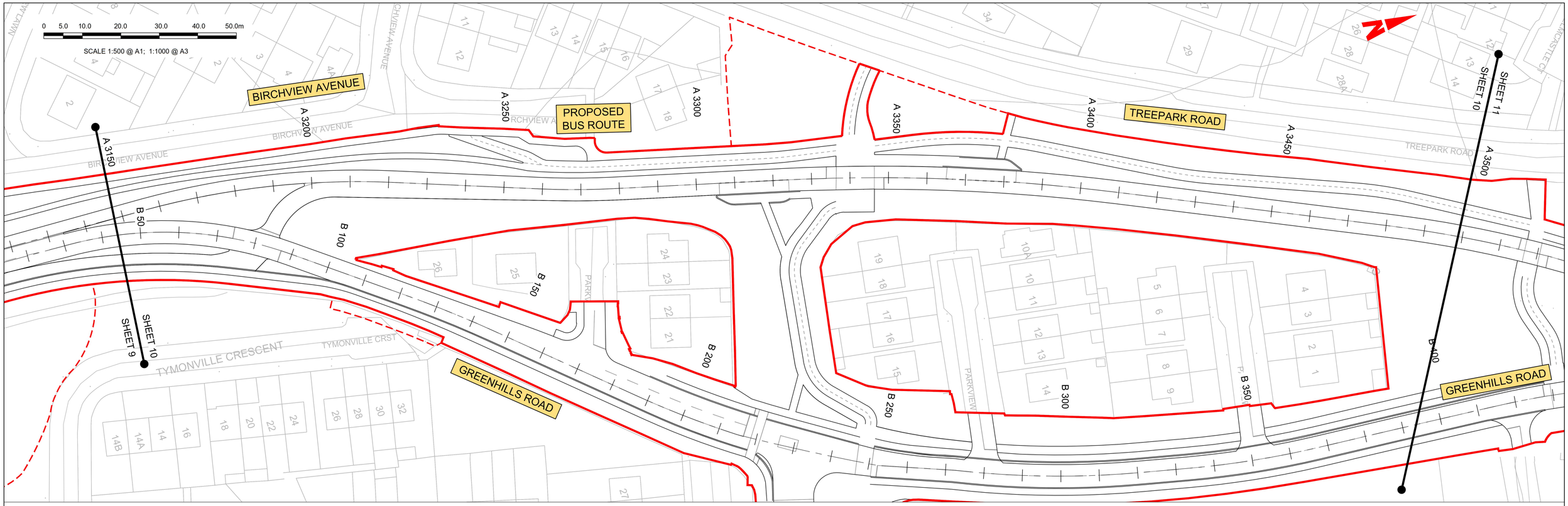
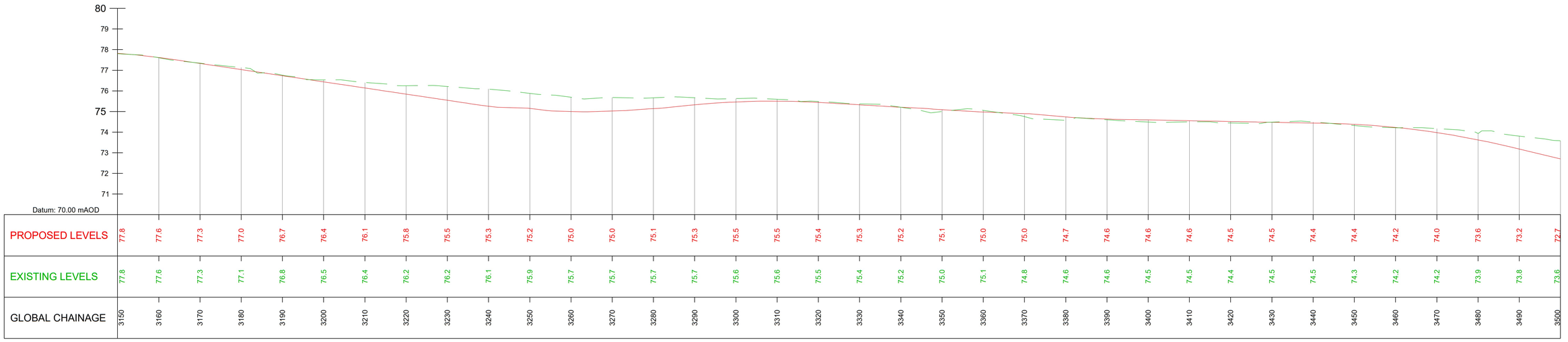

0 5.0 10.0 20.0 30.0 40.0 50.0m
SCALE 1:500 @ A1; 1:1000 @ A3
BIRCHVIEW AVENUE
PROPOSED BUS ROUTE
TREEPARK ROAD
TYMONVILLE CRESCENT
GREENHILLS ROAD
A 3150
A 3200
A 3250
A 3300
A 3350
A 3400
A 3450
A 3500
B 50
B 100
B 150
B 200
B 250
B 300
B 350
B 400
SHEET 9
SHEET 10
SHEET 11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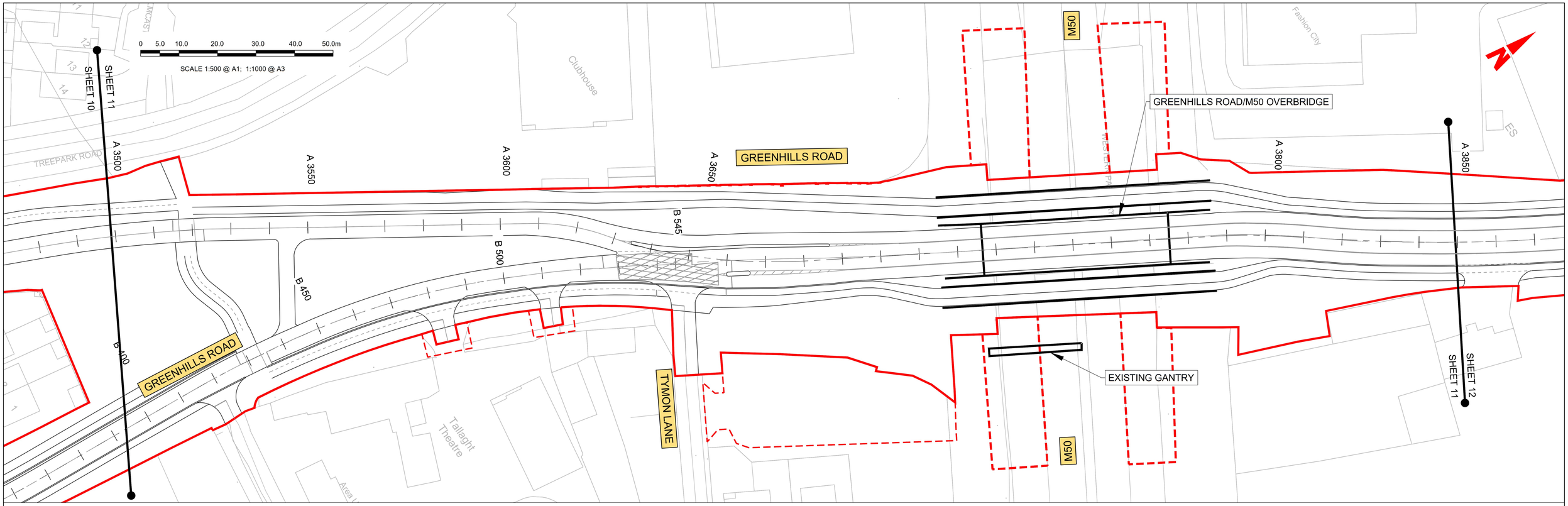

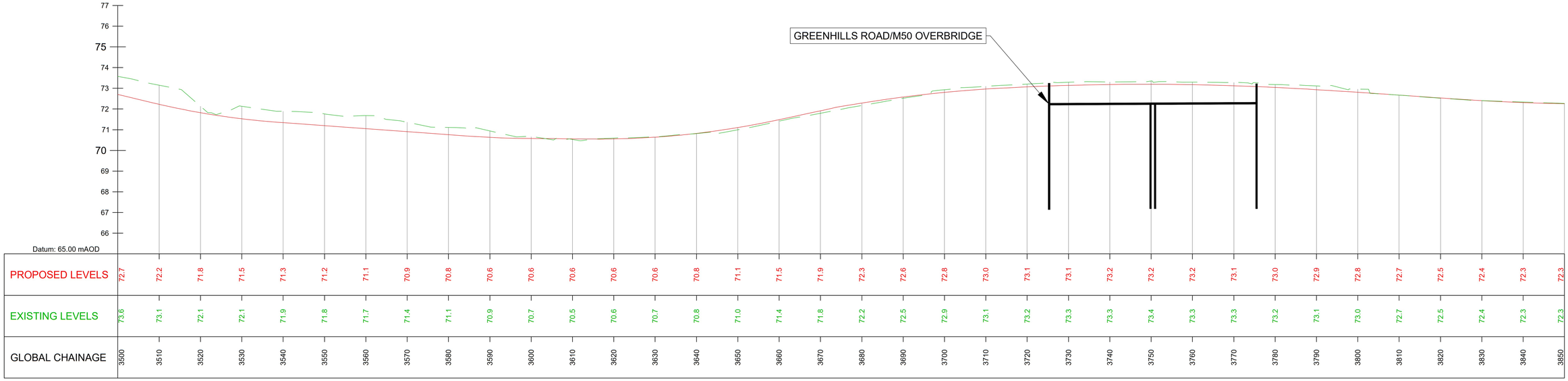

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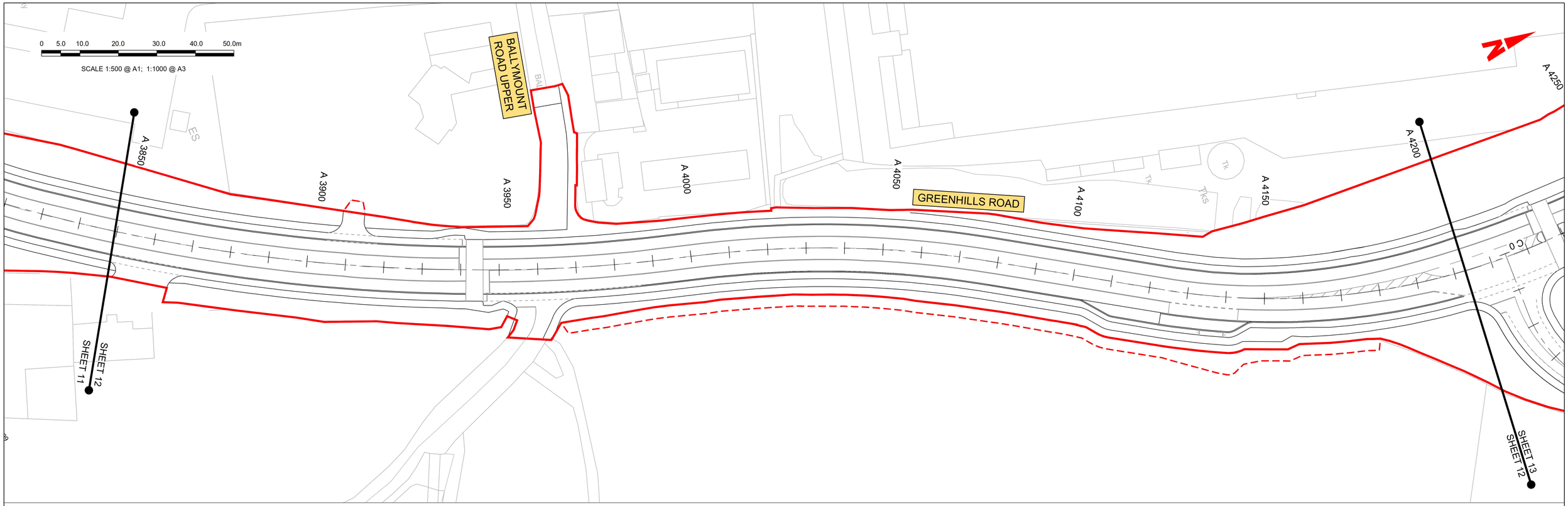

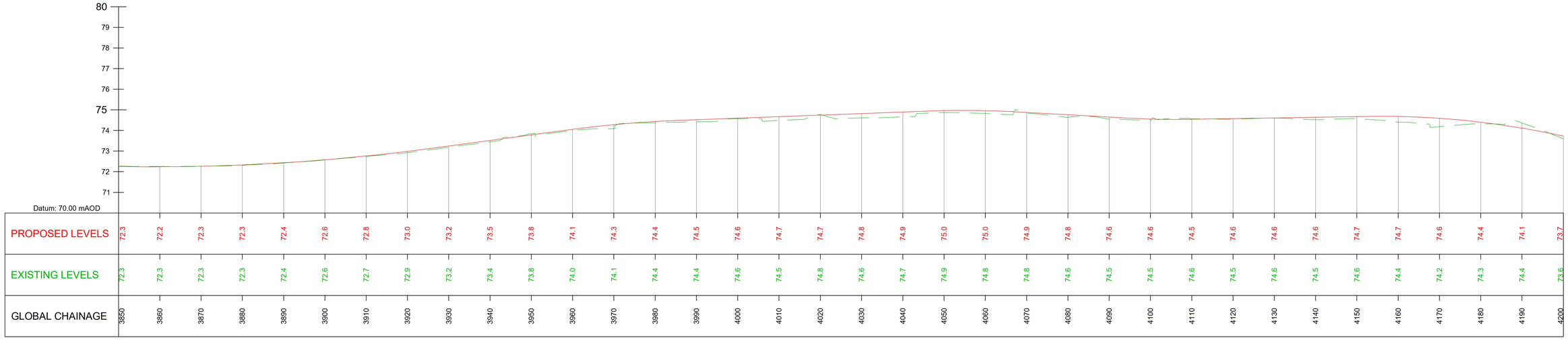

GEO_HV-0009_ML_XX-M3-CR-0001 - A01 - LONGITUDINAL SECTION
SCALE: H 1:500,V 1:100

LEGEND:

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

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

Engineering Designer: AECOM / MOTT MACDONALD

Programme Title: BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title: TALLAGHT/CLONDALKIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME
MAINLINE PLAN AND PROFILE

Date	Scale	Drawn	Checked	Approved
21/03/23	1:500 @ A1 1:1000 @ A3	E.MINCHER	A.DUGGAN	C.ACTON

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-GEO_HV-0809_ML_00-DR-CR-0012	12 of 45	A	M01

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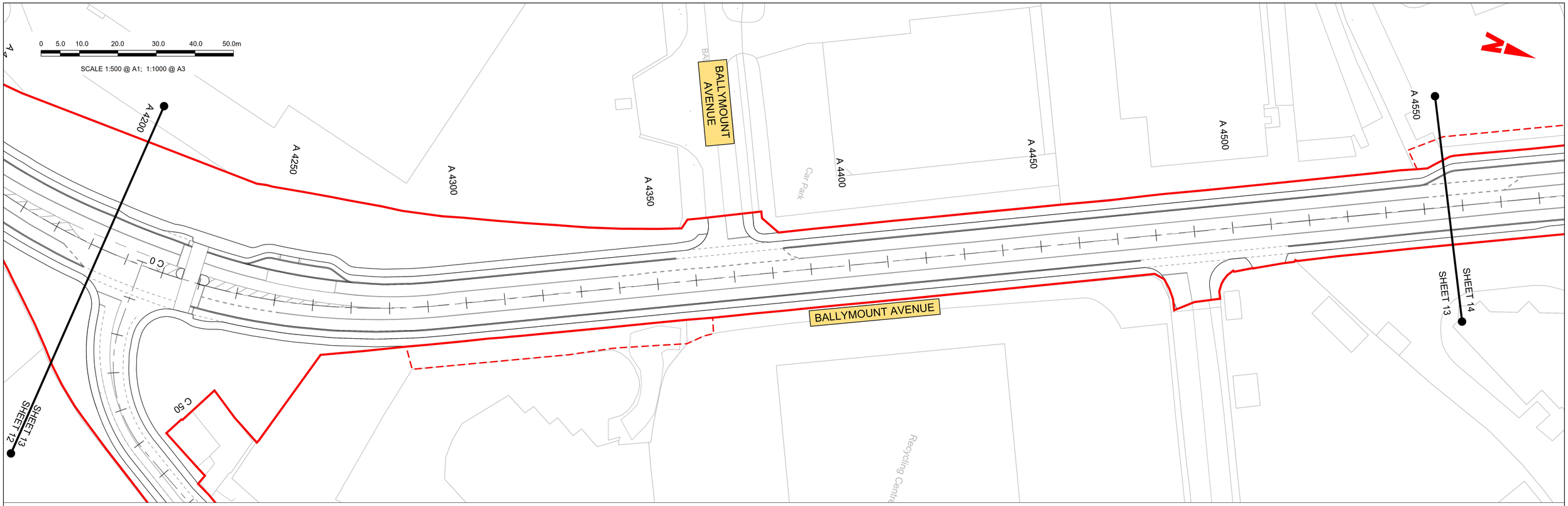
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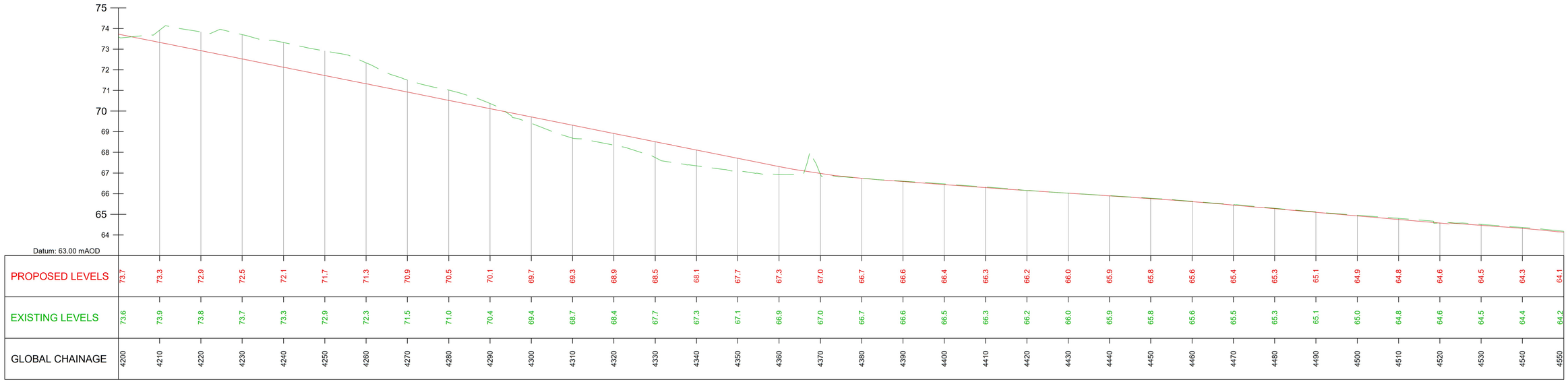
SCALE 1:500 @ A1; 1:1000 @ A3
A 4200
A 4250
A 4300
A 4350
A 4400
A 4450
A 4500
A 4550
BALLYMOUNT AVENUE
BALLYMOUNT AVENUE
Car Park
Recycling Centre
C 0
C 50
SHEET 12
SHEET 13
SHEET 13
SHEET 14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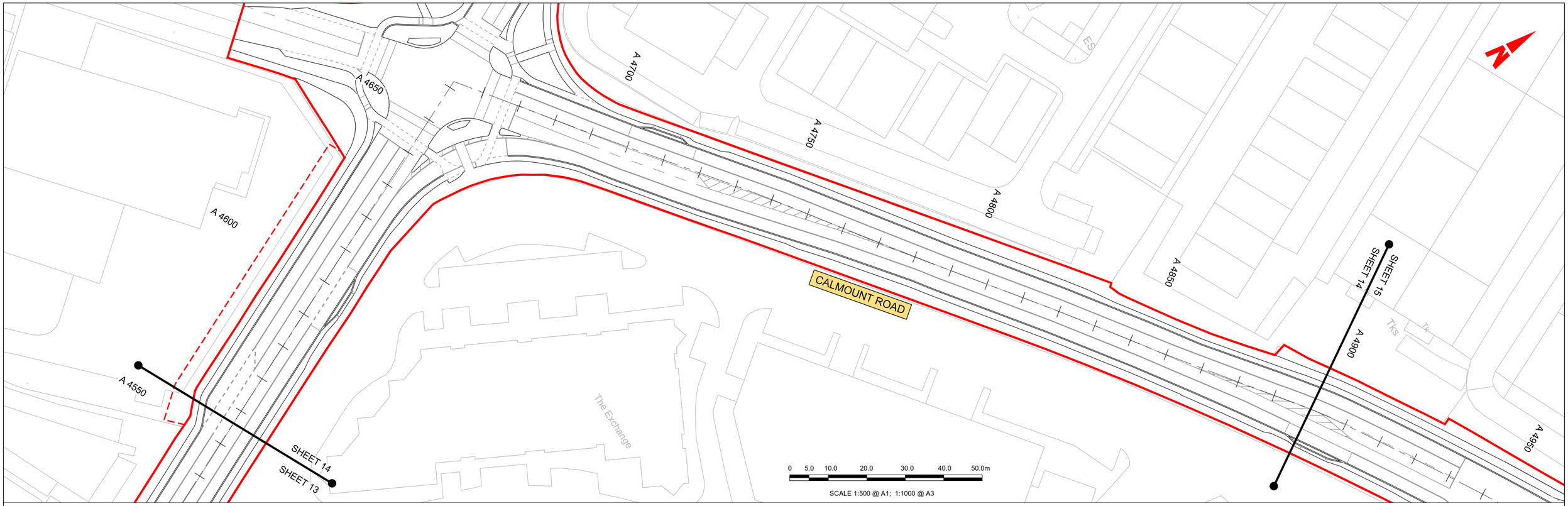
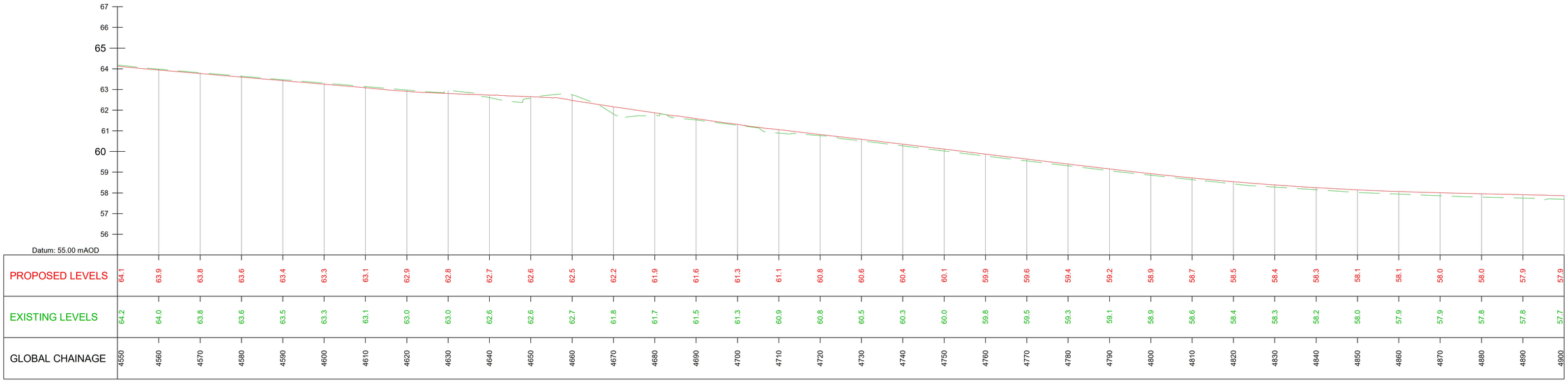

A 4650
A 4700
A 4750
A 4800
A 4850
A 4900
A 4950
A 4600
A 4550
CALMOUNT ROAD
SHEET 14
SHEET 13
SHEET 15
SHEET 14
The Exchange
TKs
0 5.0 10.0 20.0 30.0 40.0 50.0m
SCALE 1:500 @ A1; 1:1000 @ A3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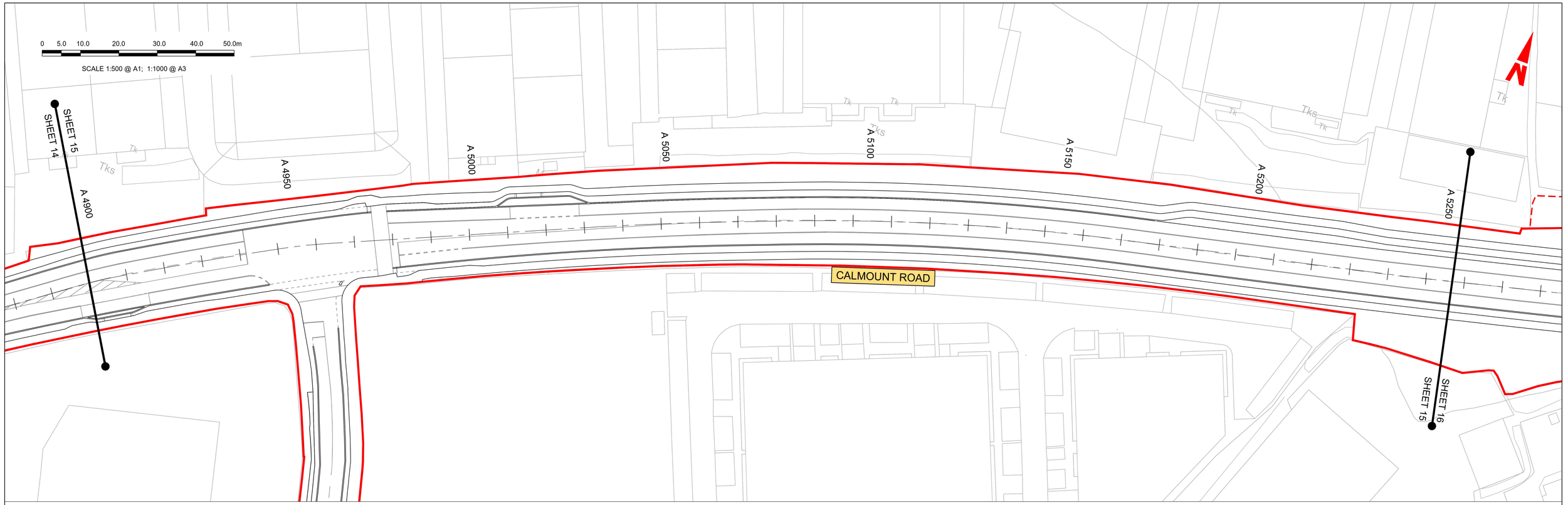
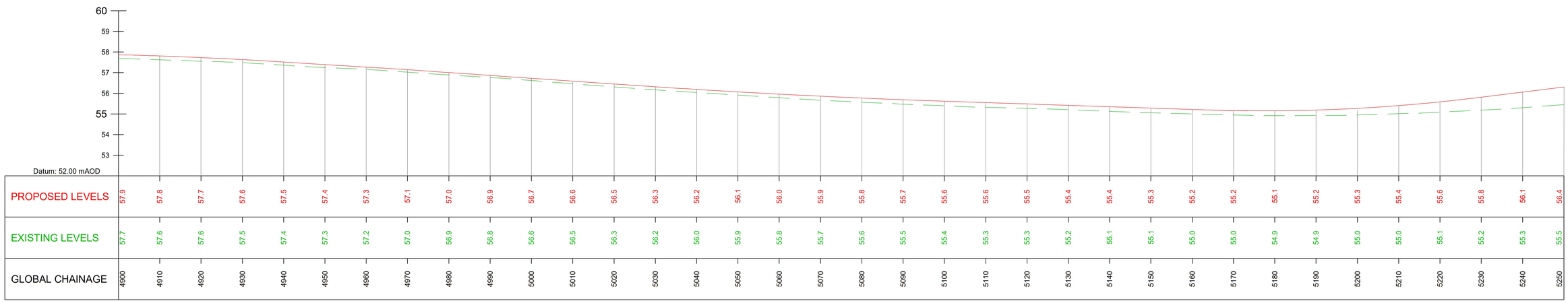

0 5.0 10.0 20.0 30.0 40.0 50.0m
SCALE 1:500 @ A1; 1:1000 @ A3
SHEET 14
SHEET 15
A 4900
A 4950
A 5000
A 5050
A 5100
A 5150
A 5200
A 5250
CALMOUNT ROAD
SHEET 15
SHEET 16
Tks
Tk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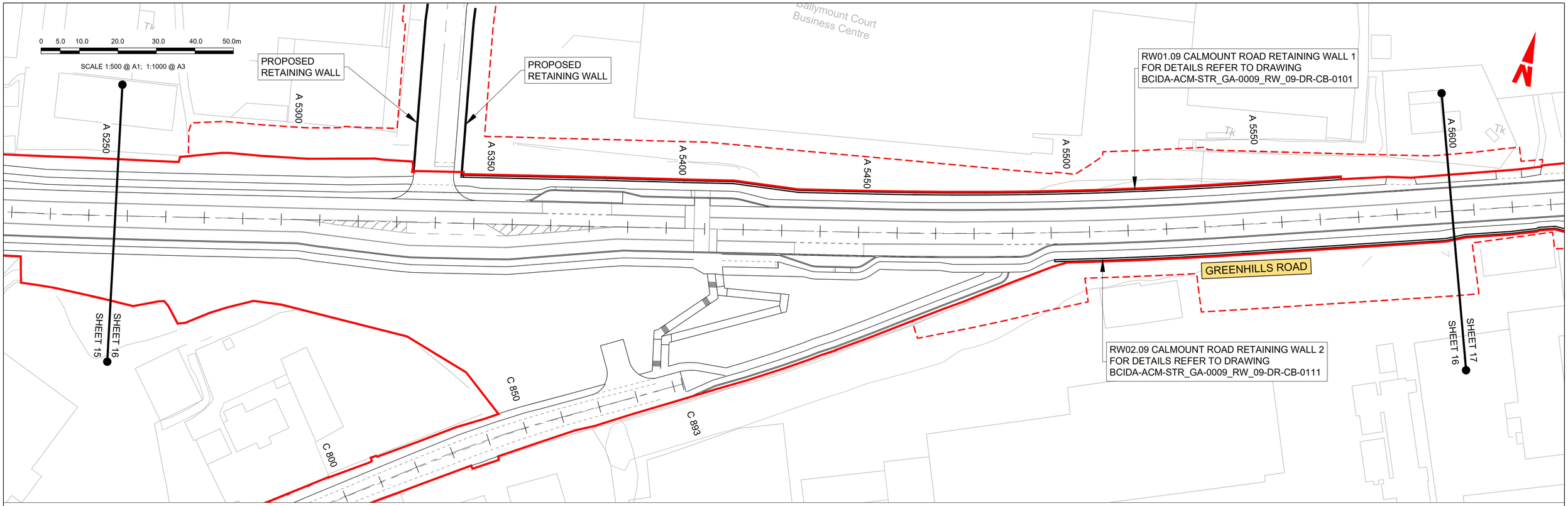
0 5.0 10.0 20.0 30.0 40.0 50.0m
SCALE 1:500 @ A1; 1:1000 @ A3
PROPOSED RETAINING WALL
PROPOSED RETAINING WALL
RW01.09 CALMOUNT ROAD RETAINING WALL 1
FOR DETAILS REFER TO DRAWING
BCIDA-ACM-STR_GA-0009_RW_09-DR-CB-0101
RW02.09 CALMOUNT ROAD RETAINING WALL 2
FOR DETAILS REFER TO DRAWING
BCIDA-ACM-STR_GA-0009_RW_09-DR-CB-0111
GREENHILLS ROAD
Ballymount Court Business Centre
A 5250
A 5300
A 5350
A 5400
A 5450
A 5500
A 5550
A 5600
SHEET 15
SHEET 16
SHEET 16
SHEET 17
C 850
C 893
C 800

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Datum: 53.00 mAOD

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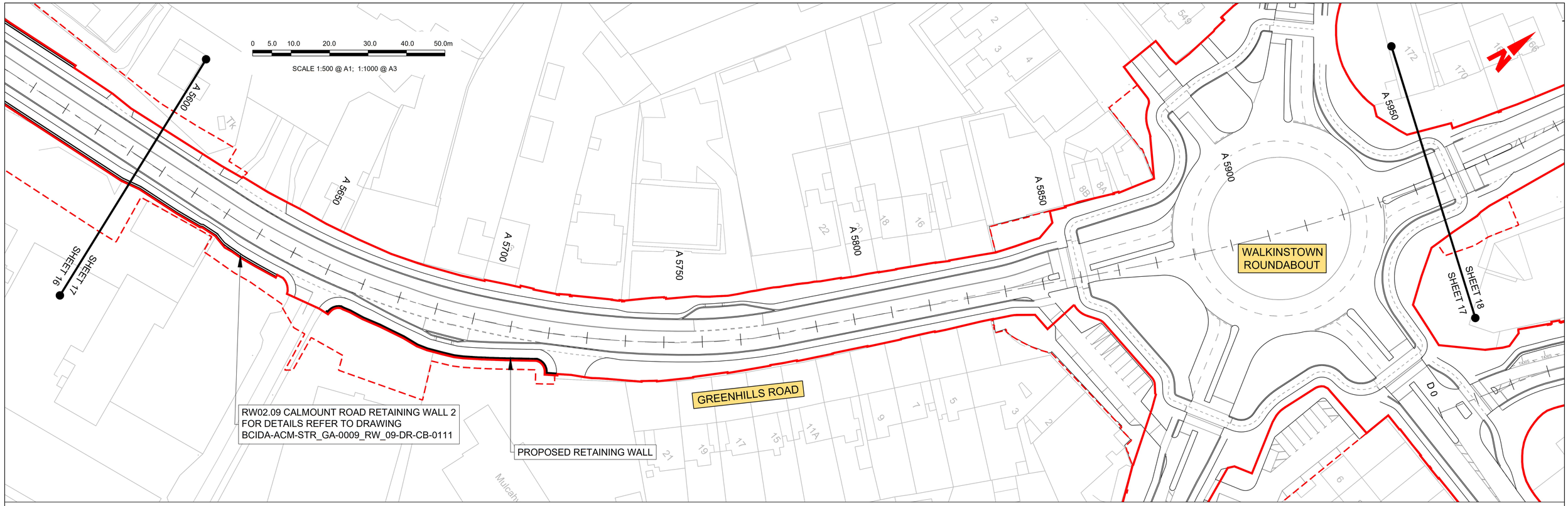
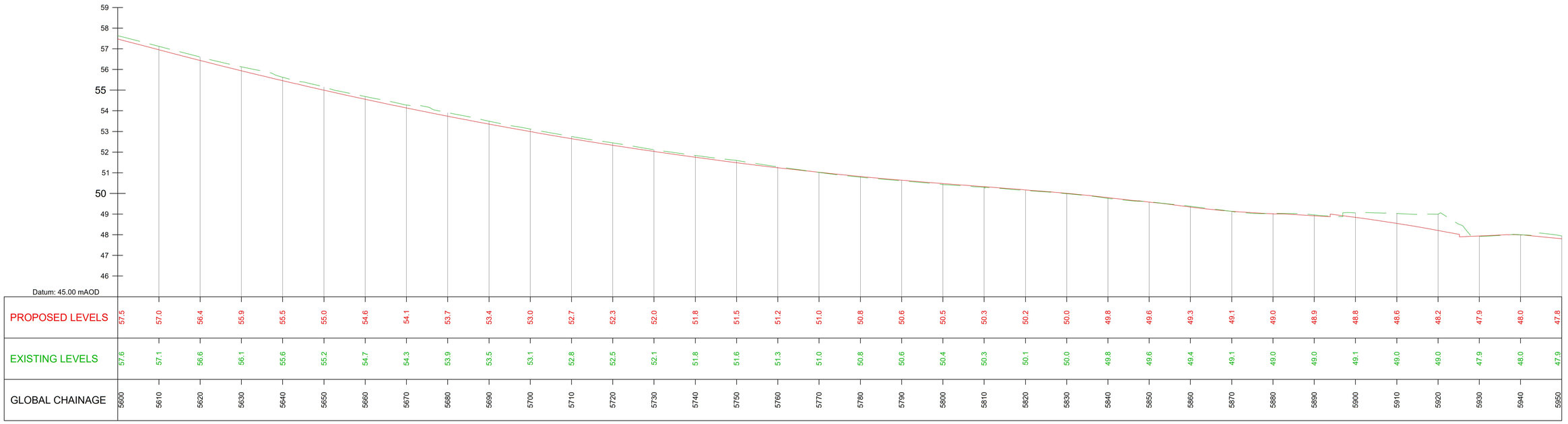

0 5.0 10.0 20.0 30.0 40.0 50.0m
SCALE 1:500 @ A1; 1:1000 @ A3
A 5600
A 5650
A 5700
A 5750
A 5800
A 5850
A 5900
A 5950
SHEET 16
SHEET 17
SHEET 17
SHEET 18
WALKINSTOWN ROUNDABOUT
GREENHILLS ROAD
RW02.09 CALMOUNT ROAD RETAINING WALL 2
FOR DETAILS REFER TO DRAWING
BCIDA-ACM-STR_GA-0009_RW_09-DR-CB-0111
PROPOSED RETAINING WALL
Mulcahy
N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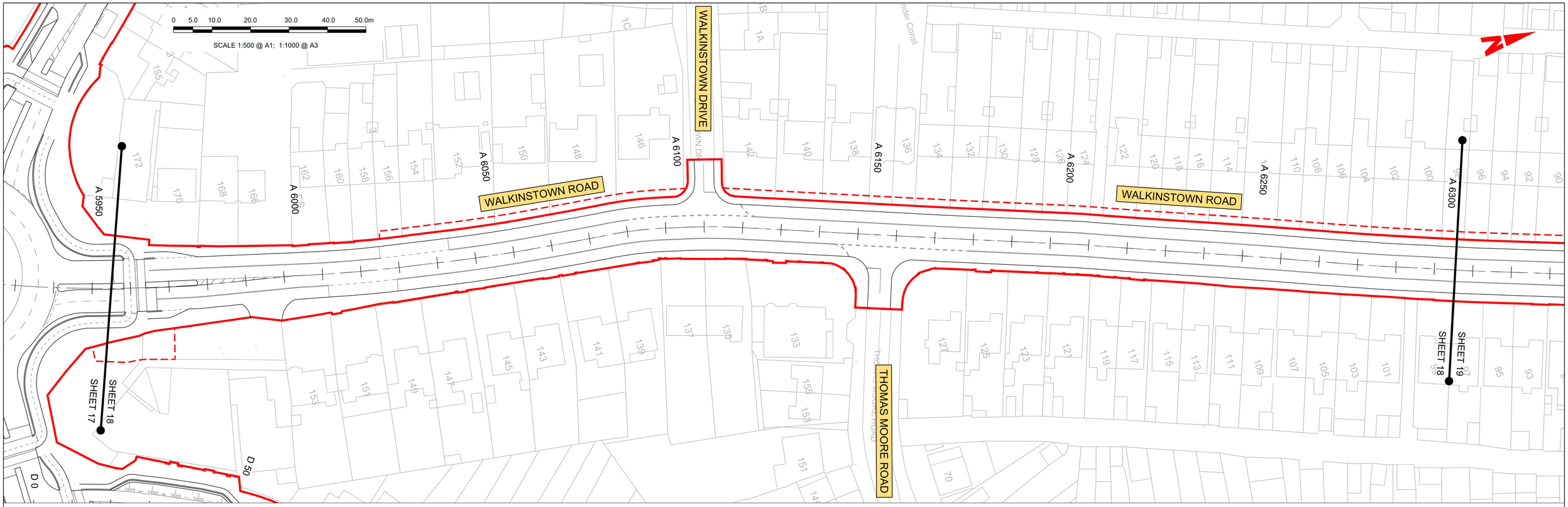
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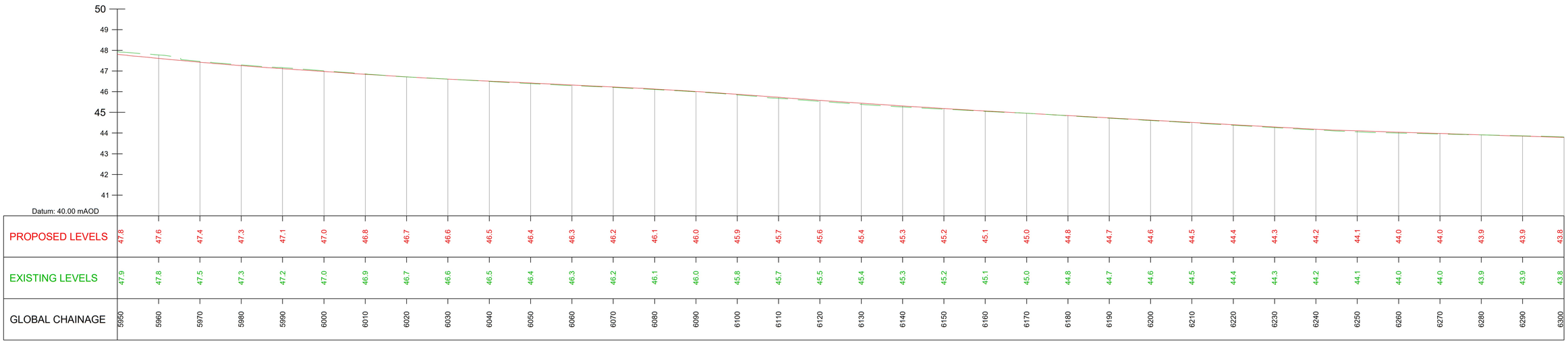
WALKINSTOWN DRIVE
WALKINSTOWN ROAD
WALKINSTOWN ROAD
THOMAS MOORE ROAD
A 5950
A 6000
A 6050
A 6100
A 6150
A 6200
A 6250
A 6300
SHEET 17
SHEET 18
SHEET 18
SHEET 19
D 0
D 50
TAXIS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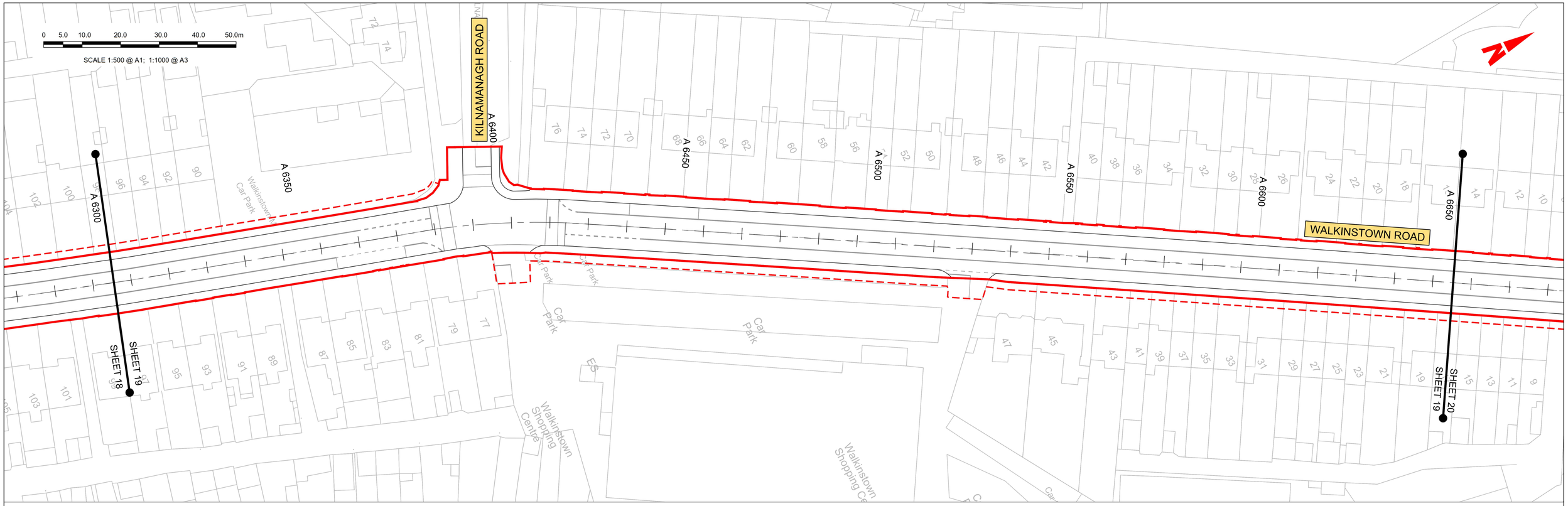
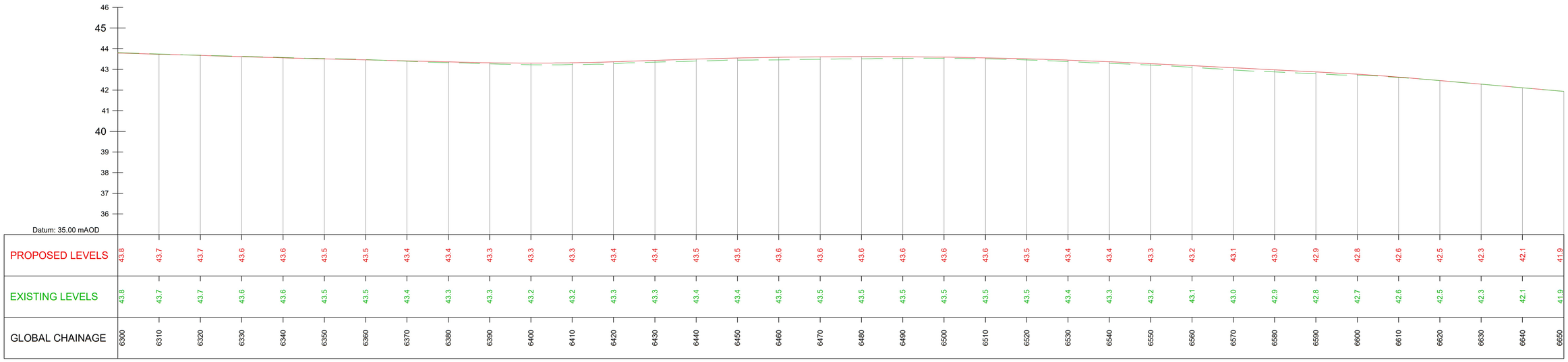

0 5.0 10.0 20.0 30.0 40.0 50.0m
SCALE 1:500 @ A1; 1:1000 @ A3
KILNAMANAGH ROAD
A 6400
A 6350
A 6300
A 6450
A 6500
A 6550
A 6600
A 6650
WALKINSTOWN ROAD
SHEET 18
SHEET 19
SHEET 19
SHEET 20
Walkinstown Car Park
Car Park
Walkinstown Shopping Centre
ES
N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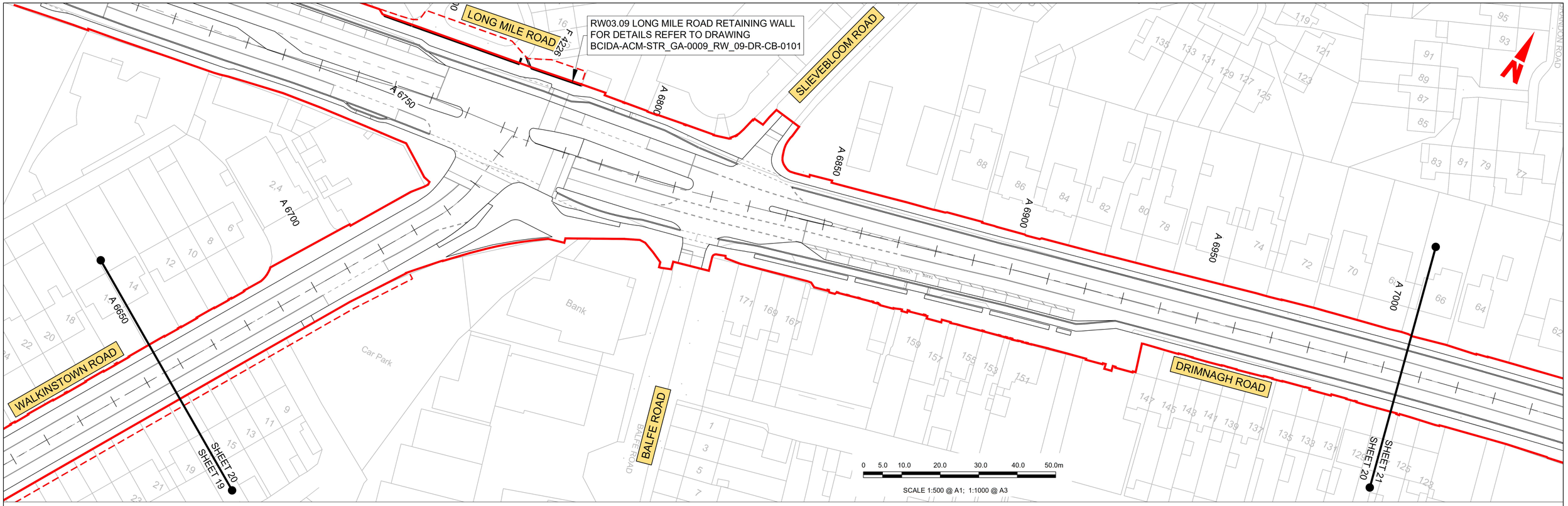
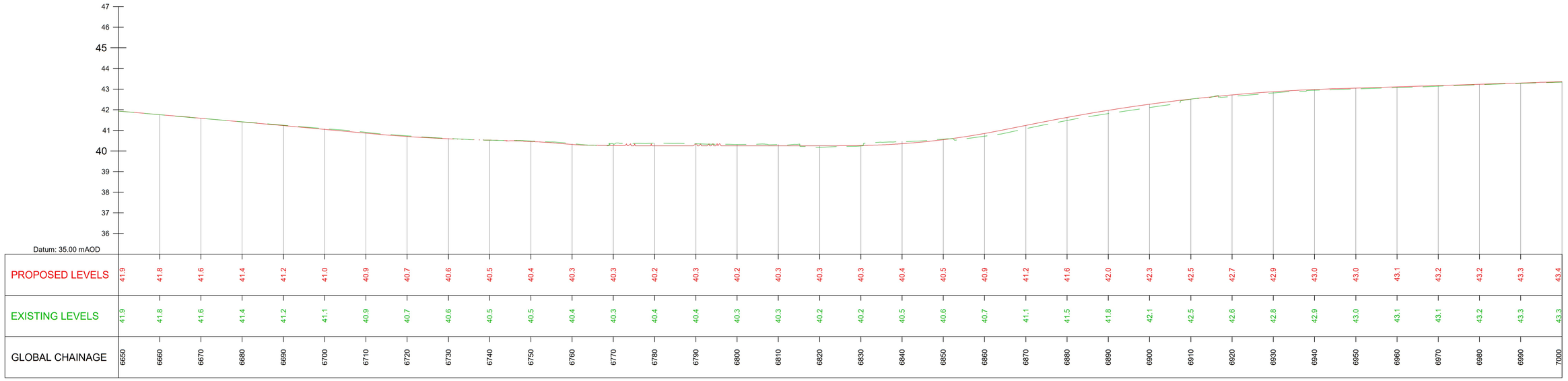

LONG MILE ROAD
RW03.09 LONG MILE ROAD RETAINING WALL
FOR DETAILS REFER TO DRAWING
BCIDA-ACM-STR_GA-0009_RW_09-DR-CB-0101
SLIEVEBLOOM ROAD
WALKINSTOWN ROAD
DRIMNAGH ROAD
BALFE ROAD
BALFE ROAD
Bank
Car Park
A 6650
A 6700
A 6750
A 6800
A 6850
A 6900
A 6950
A 7000
SHEET 19
SHEET 20
SHEET 20
SHEET 21
0 5.0 10.0 20.0 30.0 40.0 50.0m
SCALE 1:500 @ A1; 1:1000 @ A3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Datum: 35.00 mAOD

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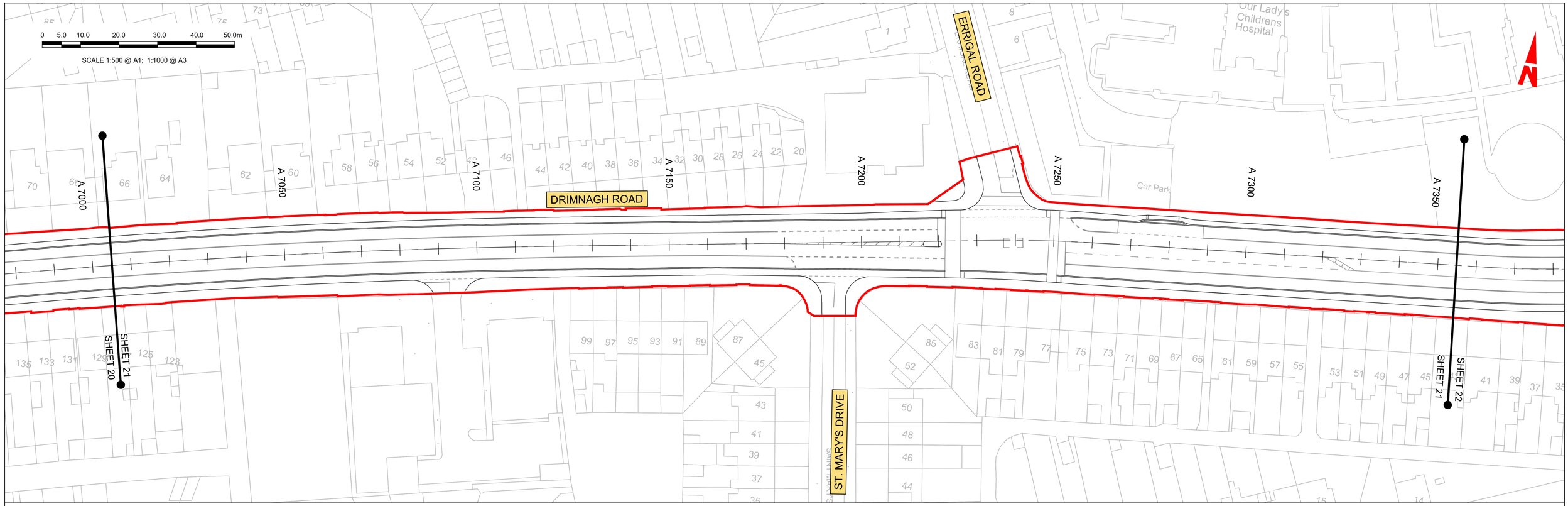
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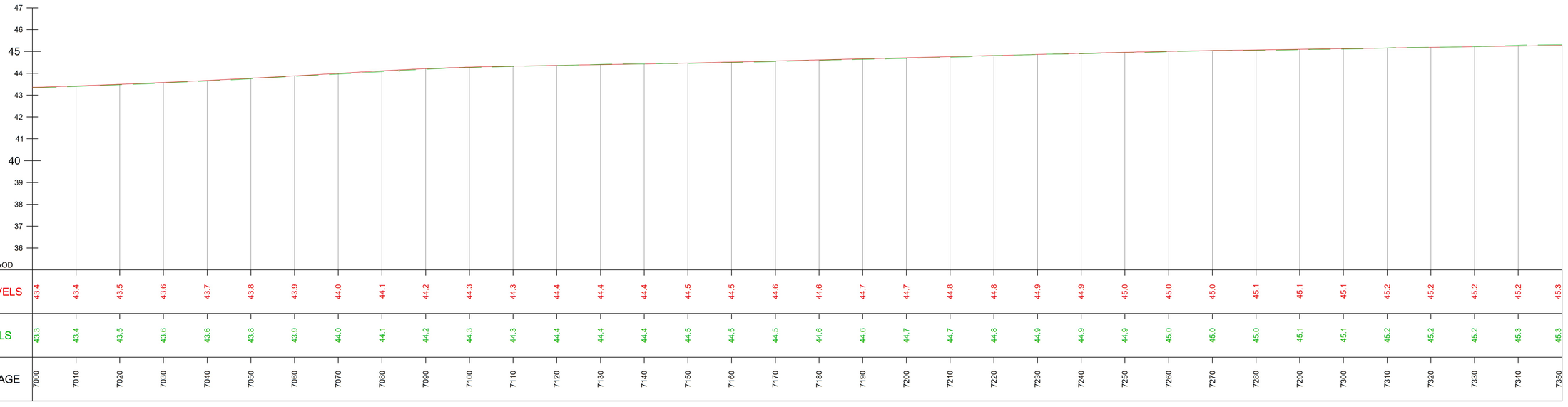
SCALE 1:500 @ A1; 1:1000 @ A3
DRIMNAGH ROAD
ERRIGAL ROAD
ST. MARY'S DRIVE
A 7000
A 7050
A 7100
A 7150
A 7200
A 7250
A 7300
A 7350
SHEET 20
SHEET 21
SHEET 21
SHEET 22
Our Lady's Childrens Hospital
Car Park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Datum: 35.00 mAOD

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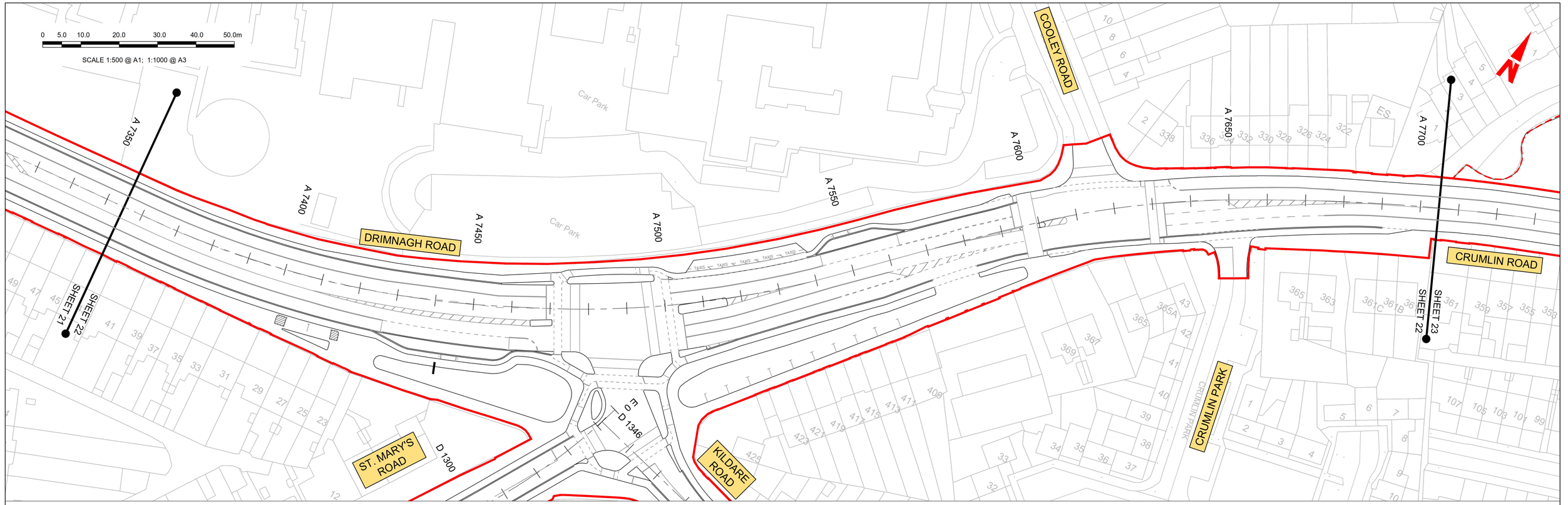

GEO_HV-0009_ML_XX-M3-CR-0001 - A01 - LONGITUDINAL SECTION
SCALE: H 1:500,V 1:100

LEGEND:

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

C:\Users\andrew.bingham\OneDrive - AECOM Directory\Bus Connects\Tallaght Planning Phase\P&P\BCIDA-ACM-GEO_HV-0809_ML_00-DR-CR-0022.dwg

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Project Ireland 2040 Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
M01	21/03/23	EM	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client: NTA National Transport Authority
Engineering Designer: AECOM / MOTT MACDONALD

Date	Scale	Drawn	Checked	Approved
21/03/23	1:500 @ A1 1:1000 @ A3	E.MINCHER	A.DUGGAN	C.ACTON

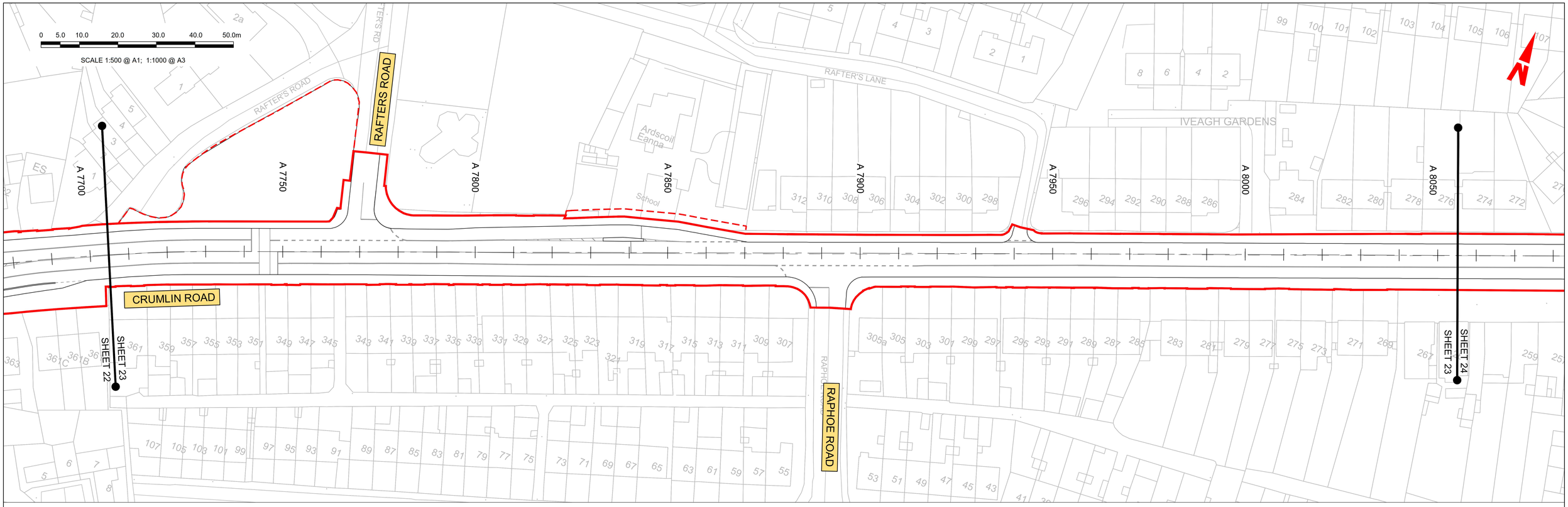
Project Code	Originator Code	QMS Code
BCIDA	ACM	

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

Drawing Title: TALLAGHT/CLONDALKIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE

Drawing File Name	Sheet Number	Status	Rev
BCIDA-ACM-GEO_HV-0809_ML_00-DR-CR-0022	22 of 45	A	M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY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SCALE 1:500 @ A1; 1:1000 @ A3
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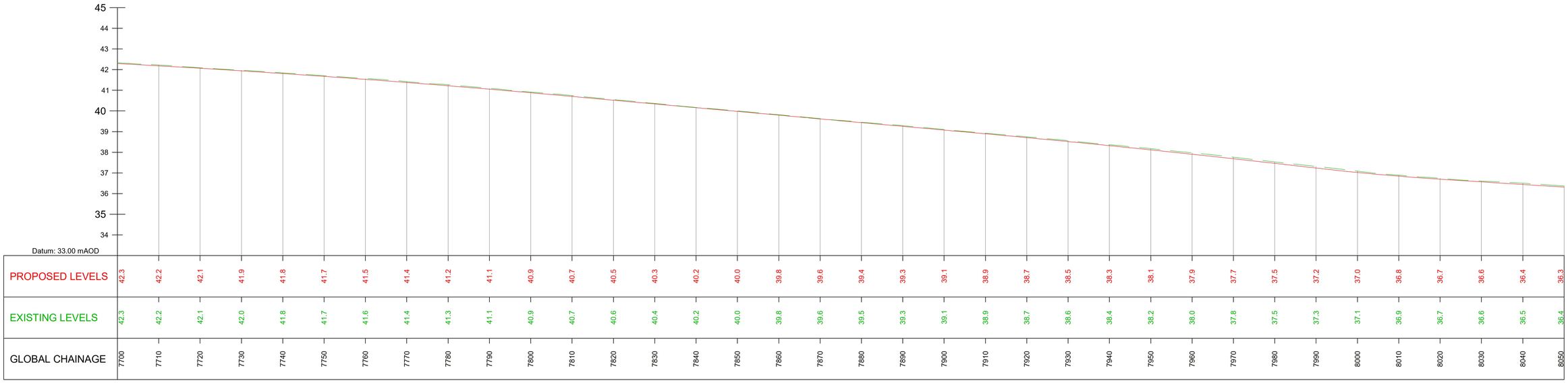
RAFTERS ROAD
RAFTER'S LANE
IVEAGH GARDENS
Ardscoil Eanna
School
CRUMLIN ROAD
RAPHOE ROAD
A 7700
A 7750
A 7800
A 7850
A 7900
A 7950
A 8000
A 8050
SHEET 22
SHEET 23
SHEET 23
SHEET 24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Datum: 33.00 mAOD

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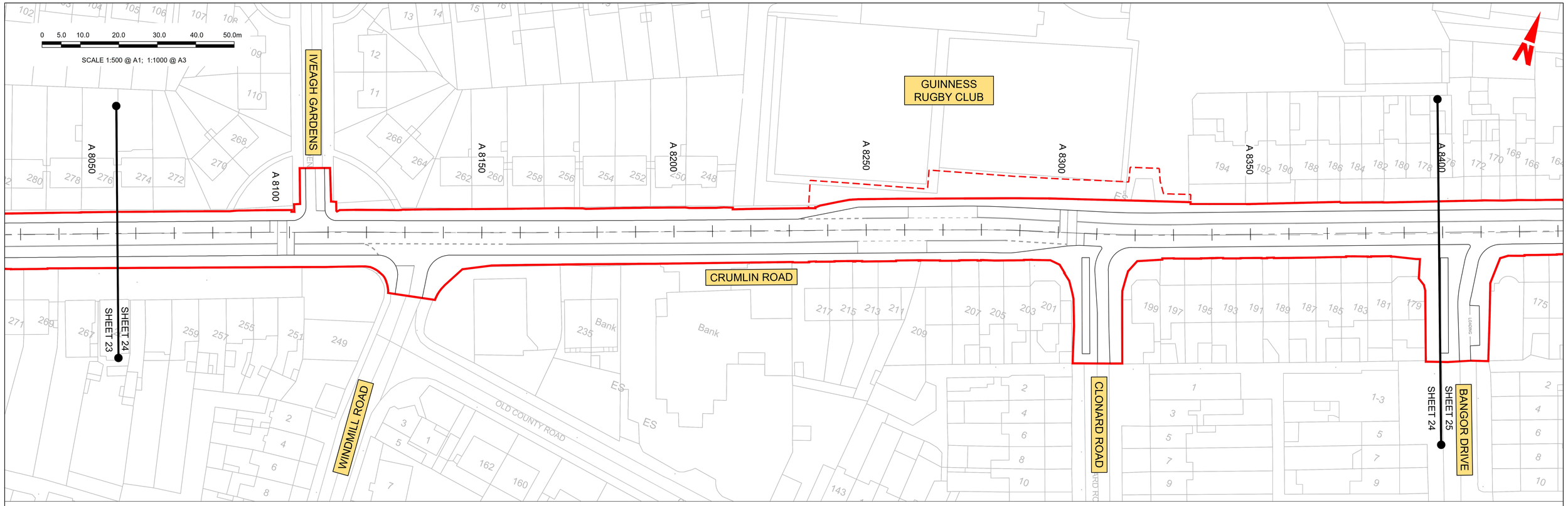

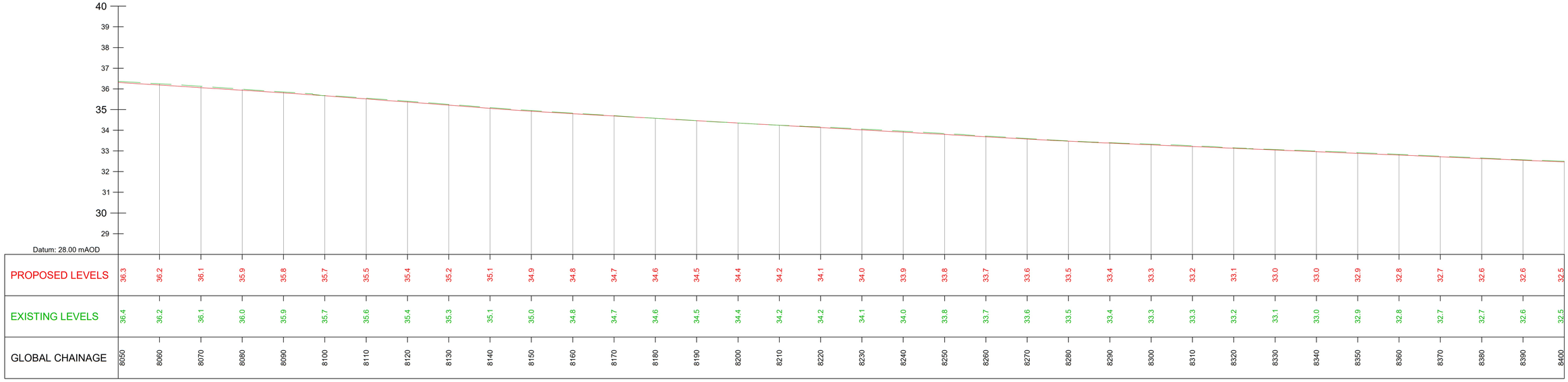

GEO_HV-0009_ML_XX-M3-CR-0001 - A01 - LONGITUDINAL SECTION
SCALE: H 1:500,V 1:100

LEGEND:

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

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Project Code	Originator Code	QMS Code
BCIDA	ACM	

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

Drawing Title: TALLAGHT/CLONDALKIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE

Drawing File Name	Sheet Number	Status	Rev
BCIDA-ACM-GEO_HV-0809_ML_00-DR-CR-0024	24 of 45	A	M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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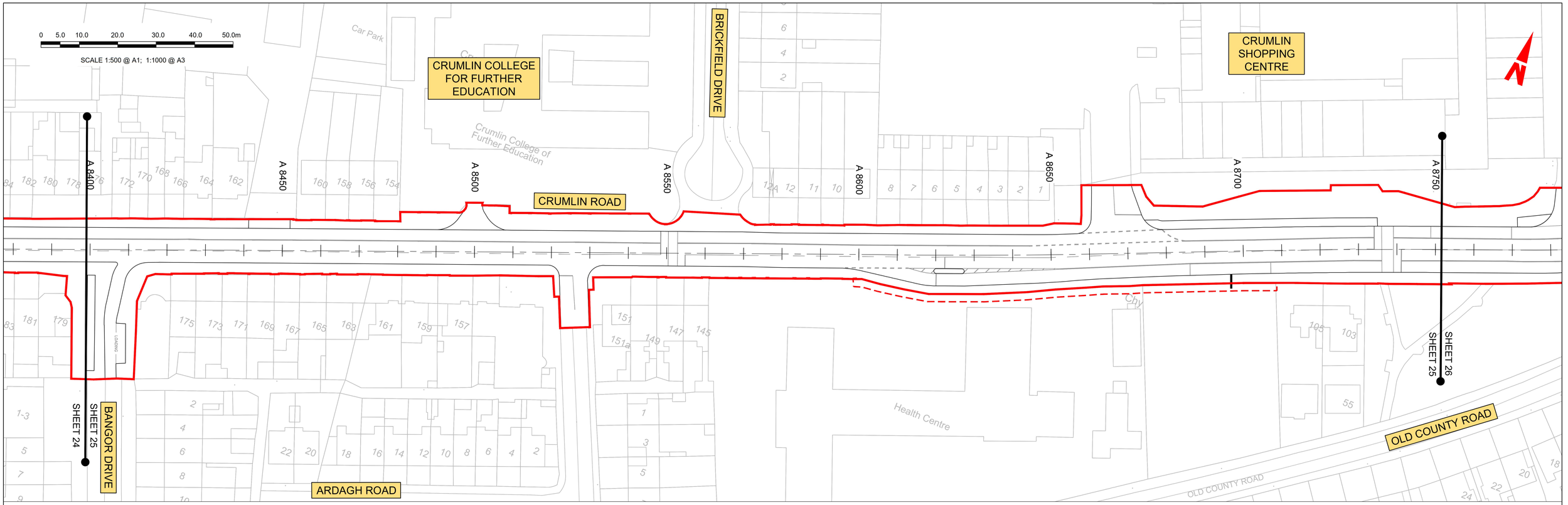
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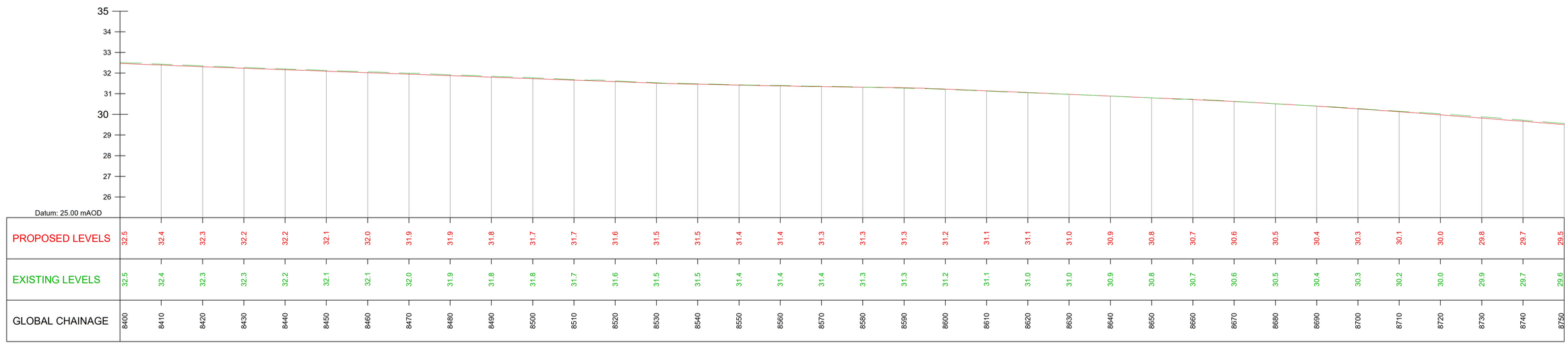
SCALE 1:500 @ A1; 1:1000 @ A3
CRUMLIN COLLEGE FOR FURTHER EDUCATION
BRICKFIELD DRIVE
CRUMLIN SHOPPING CENTRE
CRUMLIN ROAD
A 8400
A 8450
A 8500
A 8550
A 8600
A 8650
A 8700
A 8750
SHEET 24
SHEET 25
SHEET 25
SHEET 26
BANGOR DRIVE
ARDAGH ROAD
OLD COUNTY ROAD
Health Centre
Crumlin College of Further Education
Car Park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27
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Datum: 25.00 mAOD

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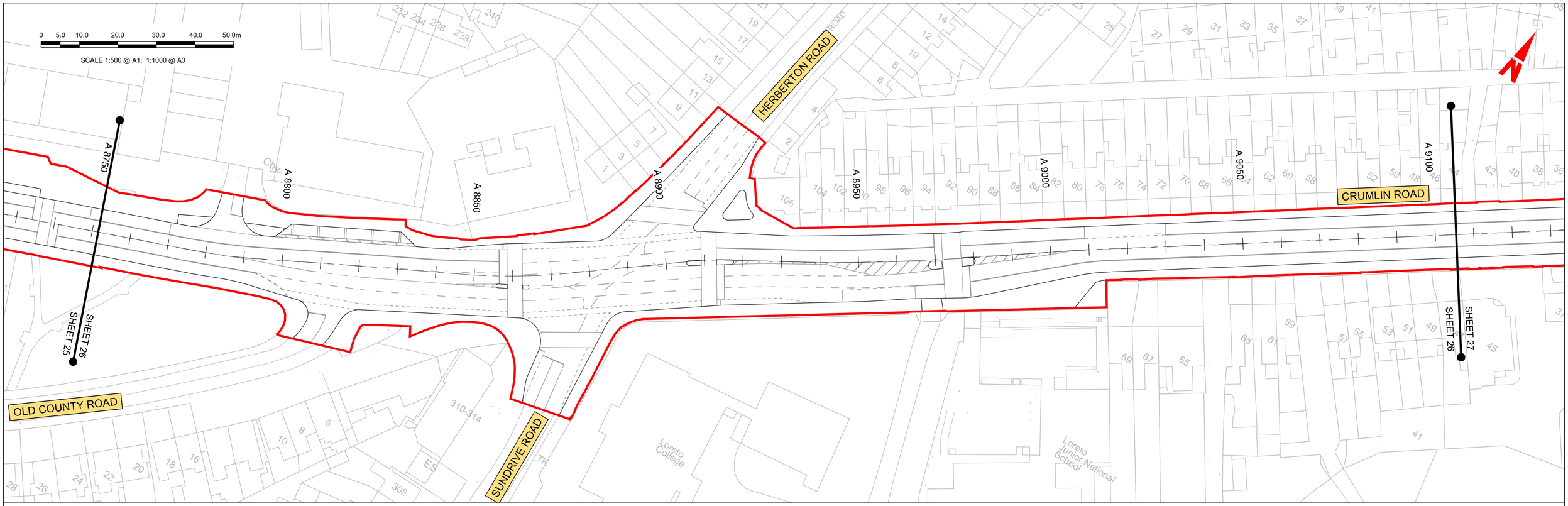
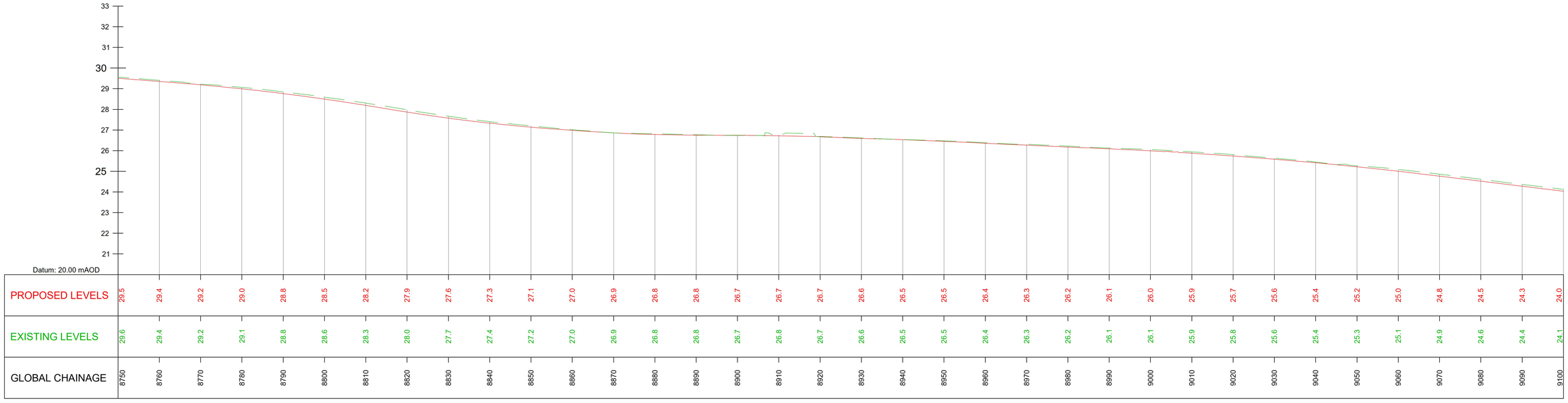

0 5.0 10.0 20.0 30.0 40.0 50.0m
SCALE 1:500 @ A1; 1:1000 @ A3
HERBERTON ROAD
CRUMLIN ROAD
OLD COUNTY ROAD
SUNDRIVE ROAD
A 8750
A 8800
A 8850
A 8900
A 8950
A 9000
A 9050
A 9100
SHEET 25
SHEET 26
SHEET 26
SHEET 27
Loreto College
Loreto Junior National School
ES
TK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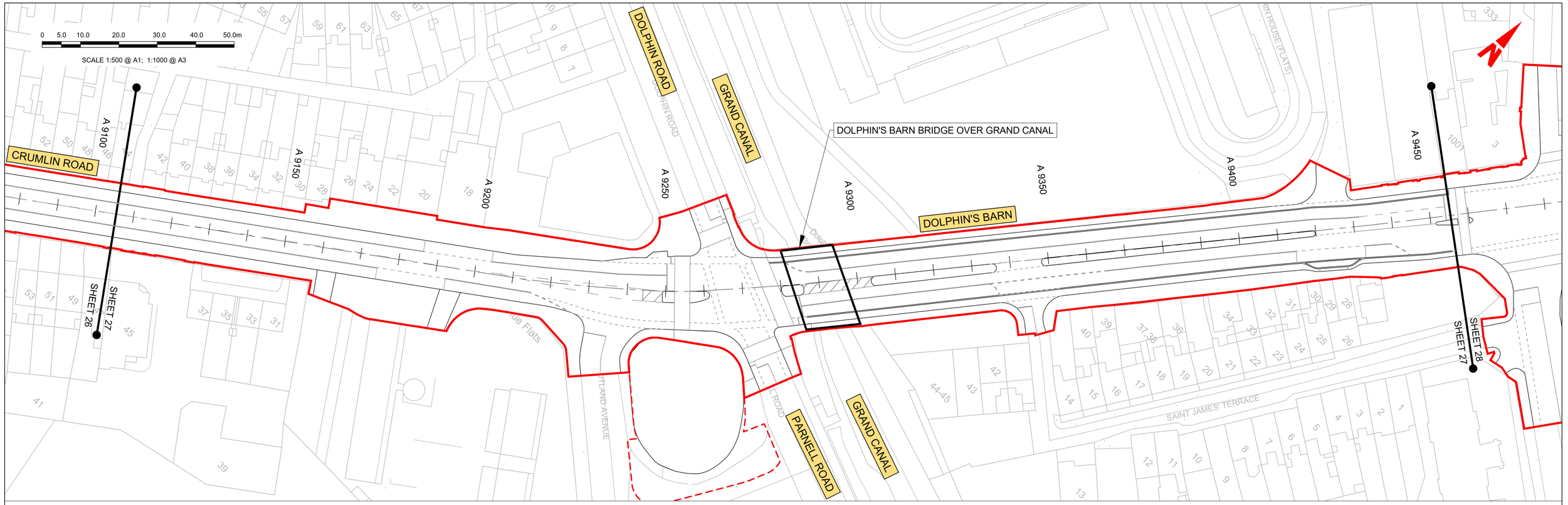
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SCALE 1:500 @ A1; 1:1000 @ A3
CRUMLIN ROAD
DOLPHIN ROAD
GRAND CANAL
DOLPHIN'S BARN BRIDGE OVER GRAND CANAL
DOLPHIN'S BARN
PARNELL ROAD
GRAND CANAL
SAINT JAMES' TERRACE
A 9100
A 9150
A 9200
A 9250
A 9300
A 9350
A 9400
A 9450
SHEET 26
SHEET 27
SHEET 28
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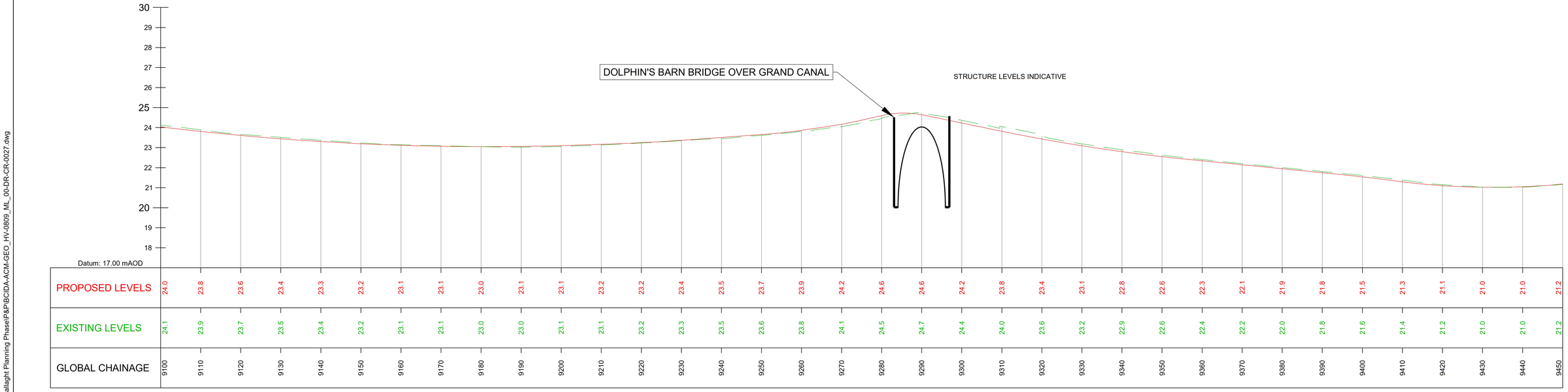
DOLPHIN'S BARN BRIDGE OVER GRAND CANAL
STRUCTURE LEVELS INDICATIVE
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28
27
26
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20
19
18
Datum: 17.00 mAOD

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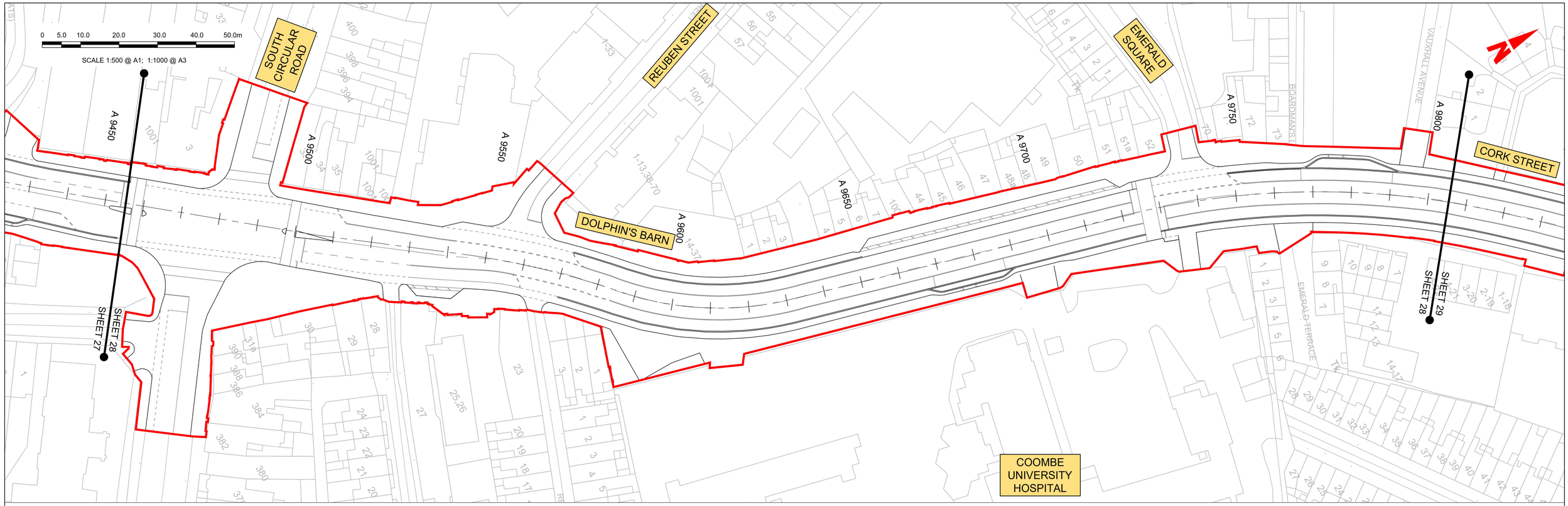
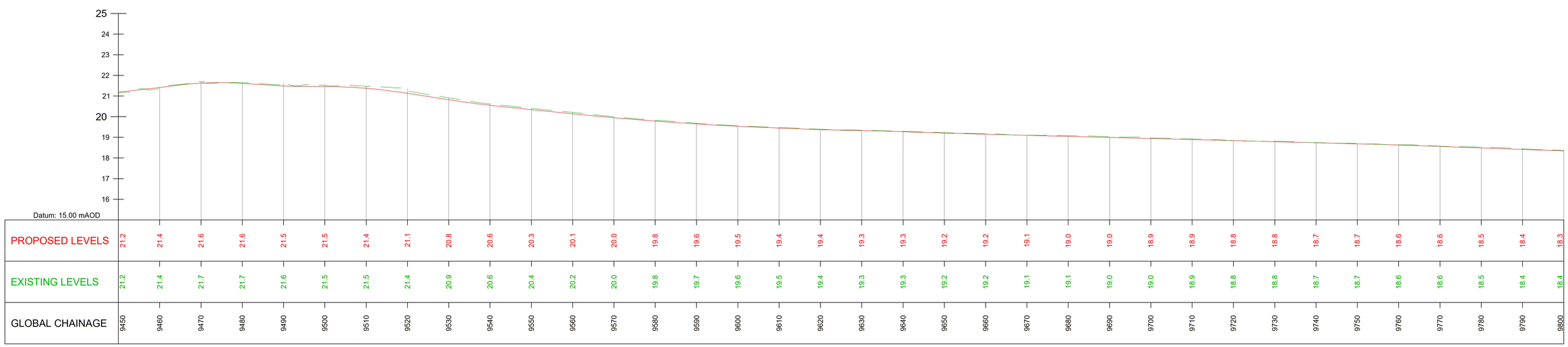

0 5.0 10.0 20.0 30.0 40.0 50.0m
SCALE 1:500 @ A1; 1:1000 @ A3
SOUTH CIRCULAR ROAD
REUBEN STREET
EMERALD SQUARE
CORK STREET
DOLPHIN'S BARN
COOMBE UNIVERSITY HOSPITAL
A 9450
A 9500
A 9550
A 9600
A 9650
A 9700
A 9750
A 9800
SHEET 27
SHEET 28
SHEET 28
SHEET 29
VAUXHALL AVENUE
BOARDMAN'S L
EMERALD TERRACE
N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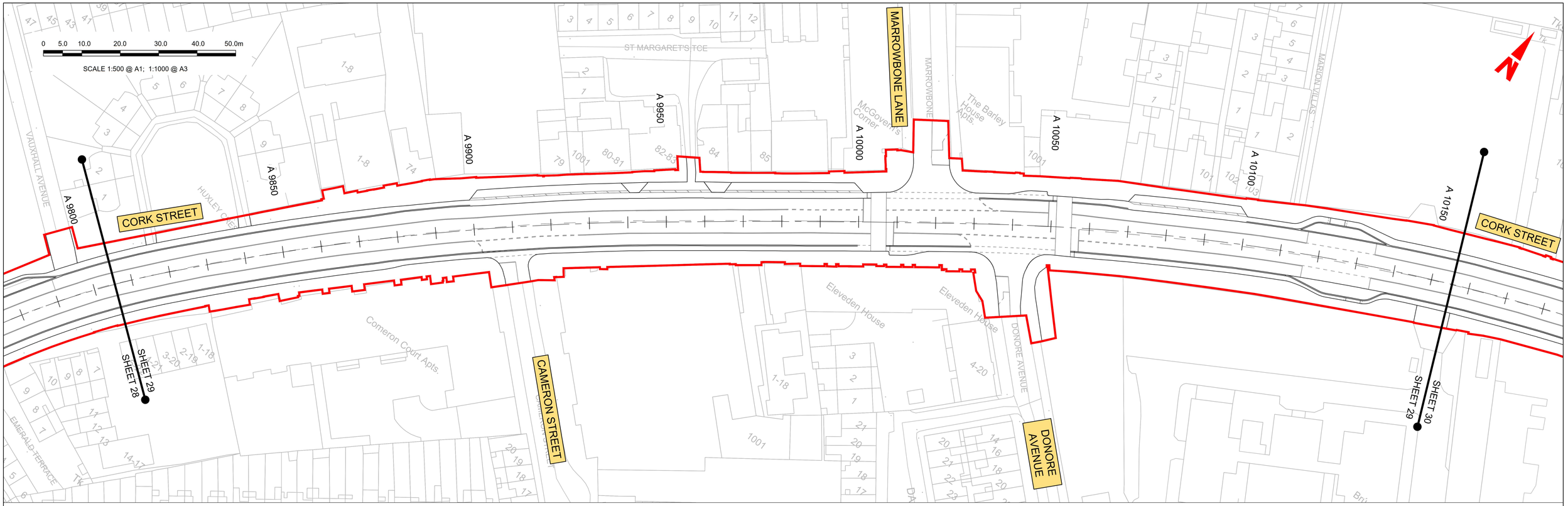
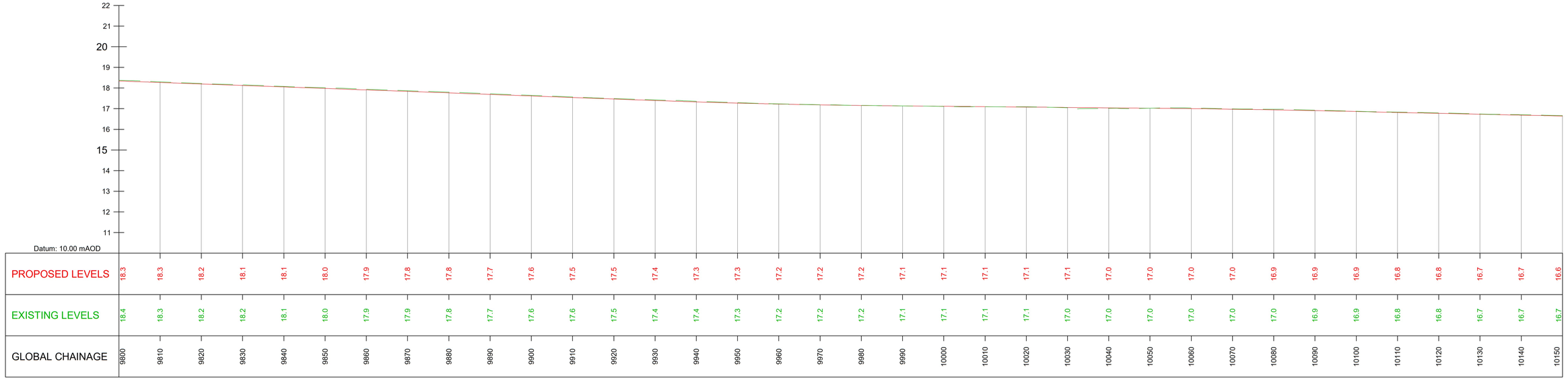

0 5.0 10.0 20.0 30.0 40.0 50.0m
SCALE 1:500 @ A1; 1:1000 @ A3
CORK STREET
CAMERON STREET
MARROWBONE LANE
DONORE AVENUE
ST MARGARET'S TCE
VAUXHALL AVENUE
HUXLEY CLOSE
MARROWBONE LANE
MARION VILLAS
EMERALD TERRACE
Comeron Court Apts.
Eleveden House
Eleveden House
The Barley House Apts.
McGovern's Corner
A 9800
A 9850
A 9900
A 9950
A 10000
A 10050
A 10100
A 10150
SHEET 28
SHEET 29
SHEET 29
SHEET 30
N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Datum: 10.00 mAOD

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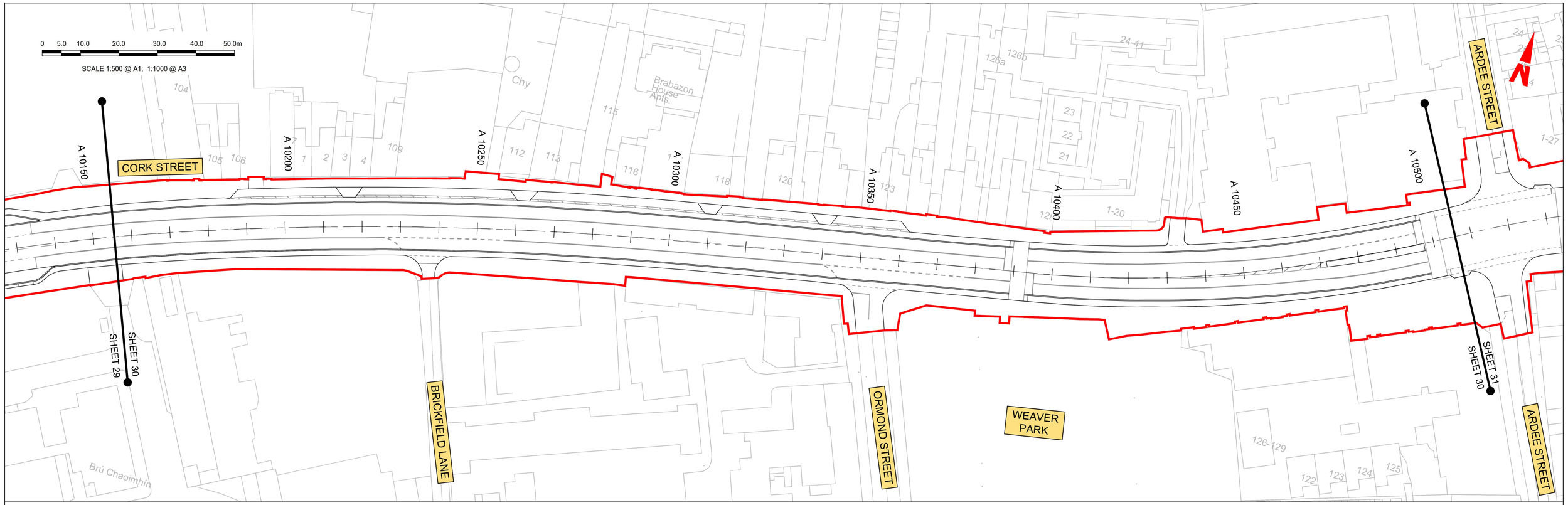
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SCALE 1:500 @ A1; 1:1000 @ A3
CORK STREET
ARDEE STREET
BRICKFIELD LANE
ORMOND STREET
WEAVER PARK
Brú Chaoimhín
Brabazon House Apts.
Chy
A 10150
A 10200
A 10250
A 10300
A 10350
A 10400
A 10450
A 10500
SHEET 29
SHEET 30
SHEET 30
SHEET 31
104
105
106
107
1
2
3
4
109
112
113
115
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126b
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1-27
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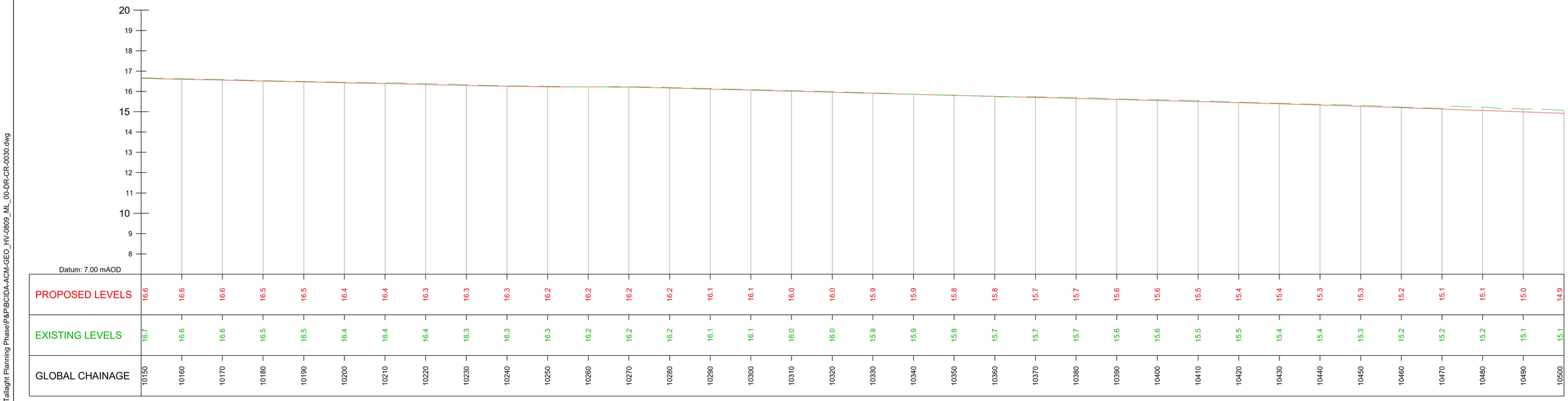
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Datum: 7.00 mAOD

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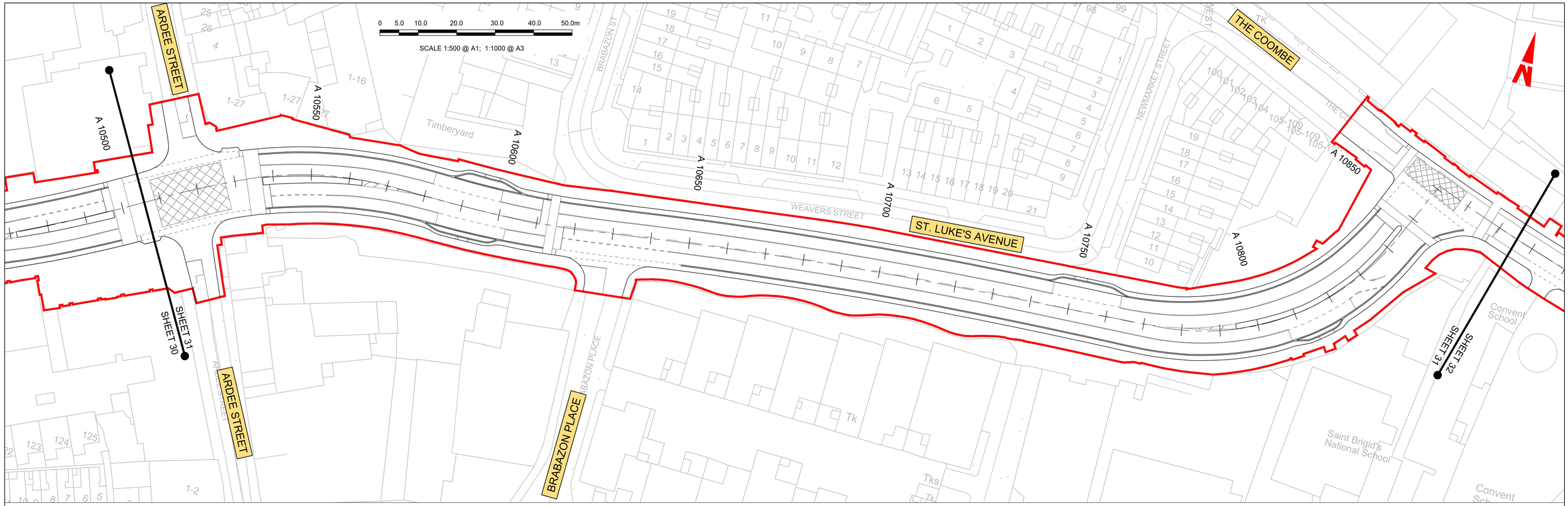
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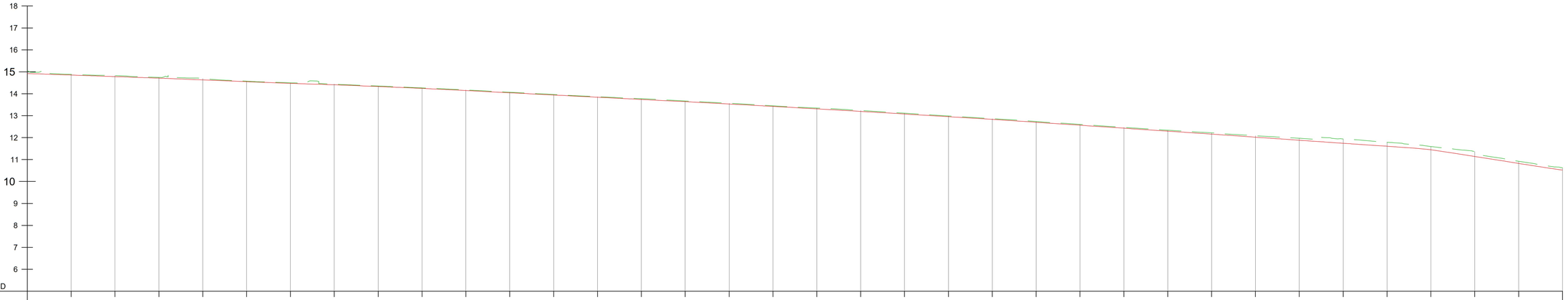
SCALE 1:500 @ A1; 1:1000 @ A3
ARDEE STREET
BRABAZON PLACE
ST. LUKE'S AVENUE
THE COOMBE
WEAVERS STREET
NEWMARKET STREET
Timberyard
A 10500
A 10550
A 10600
A 10650
A 10700
A 10750
A 10800
A 10850
SHEET 30
SHEET 31
SHEET 32
Convent School
Saint Brigid's National School
Convent Sch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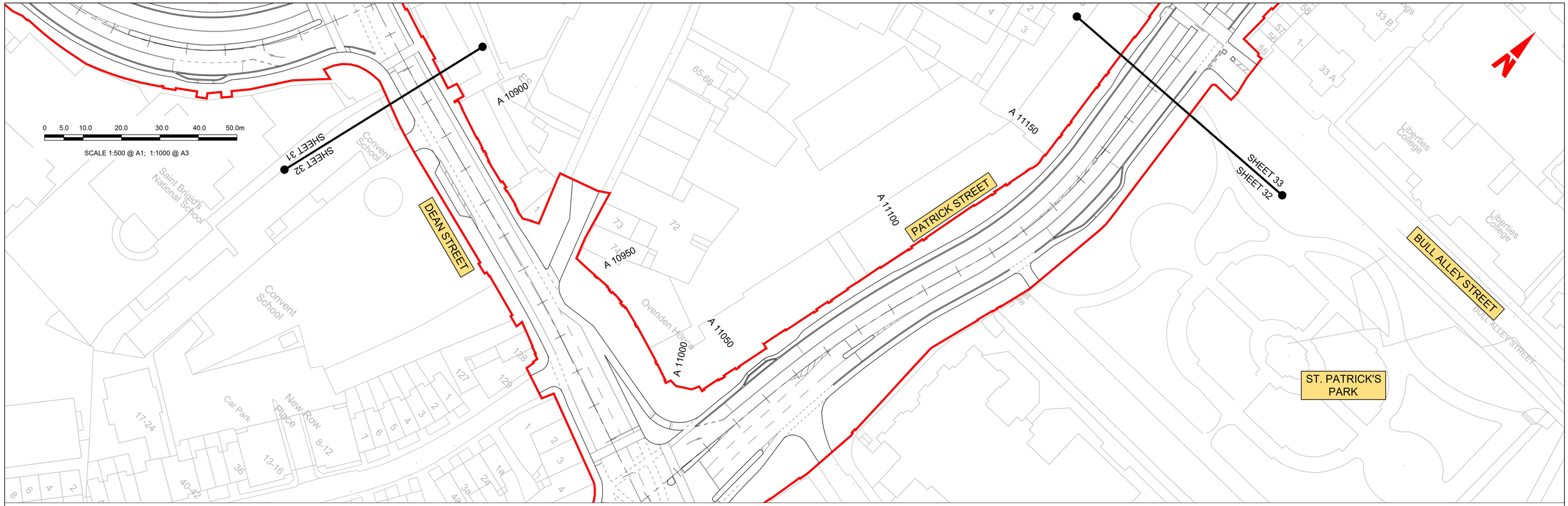

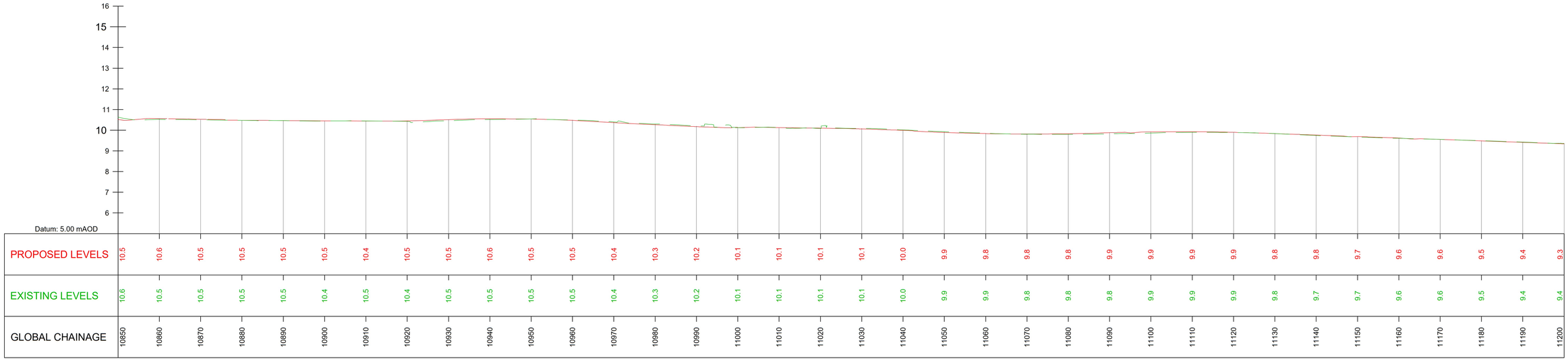

GEO_HV-0009_ML_XX-M3-CR-0001 - A01 - LONGITUDINAL SECTION
SCALE: H 1:500,V 1:100

LEGEND:

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

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Client: NTA Údarás Náisiúnta Iompair National Transport Authority

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Project Code	Originator Code	QMS Code
BCIDA	ACM	

Programme Title: BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title: TALLAGHT/CLONDALKIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE

Drawing File Name	Sheet Number	Status	Rev
BCIDA-ACM-GEO_HV-0809_ML_00-DR-CR-0032	32 of 45	A	M01

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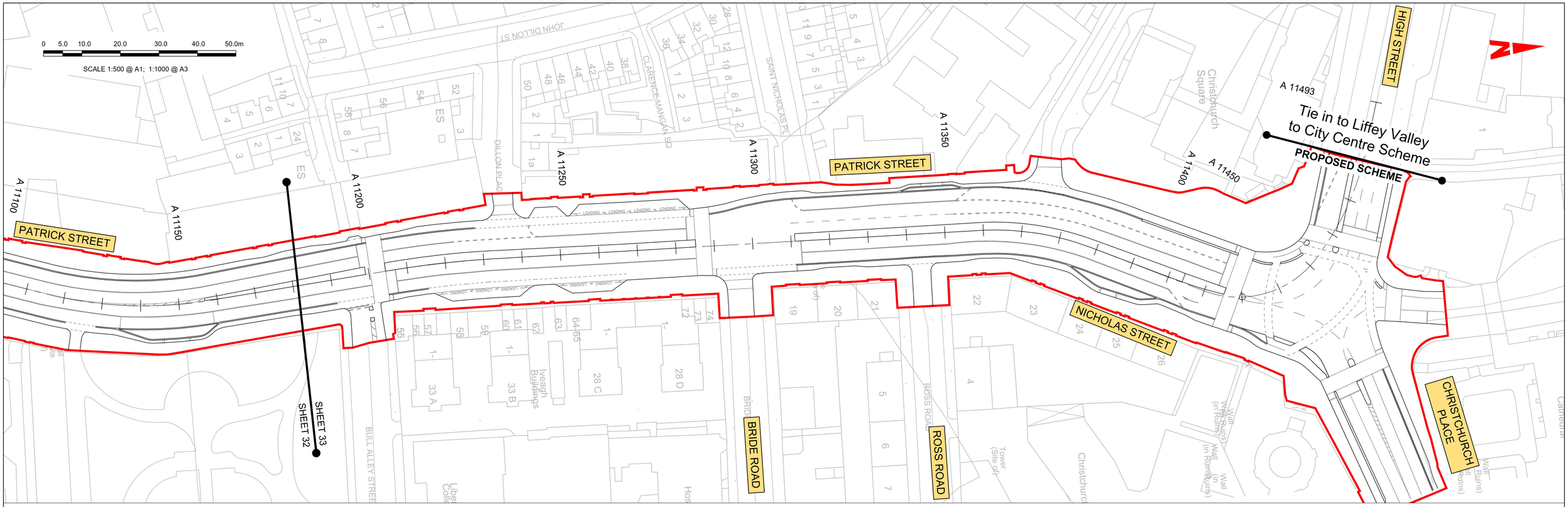
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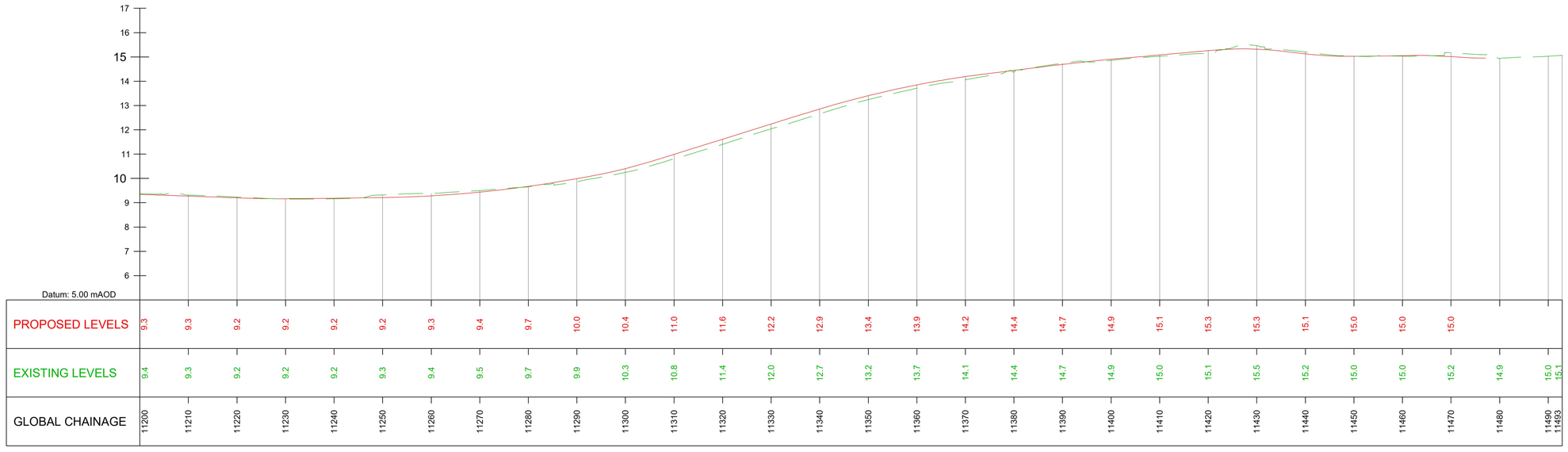
SCALE 1:500 @ A1; 1:1000 @ A3
PATRICK STREET
A 11100
A 11150
A 11200
A 11250
A 11300
A 11350
A 11400
A 11450
A 11493
HIGH STREET
Tie in to Liffey Valley to City Centre Scheme
PROPOSED SCHEME
NICHOLAS STREET
CHRISTCHURCH PLACE
BRIDE ROAD
ROSS ROAD
SHEET 33
SHEET 32
JOHN DILLON ST
CLARENCE MANGAN SQ
SAINT NICHOLAS PL
DILLON PLACE
BULL ALLEY STREET
Christchurch Square
Iveagh Buildings
Tower (Site of)
Wall (in Ruins)
LOADING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Datum: 5.00 mAOD

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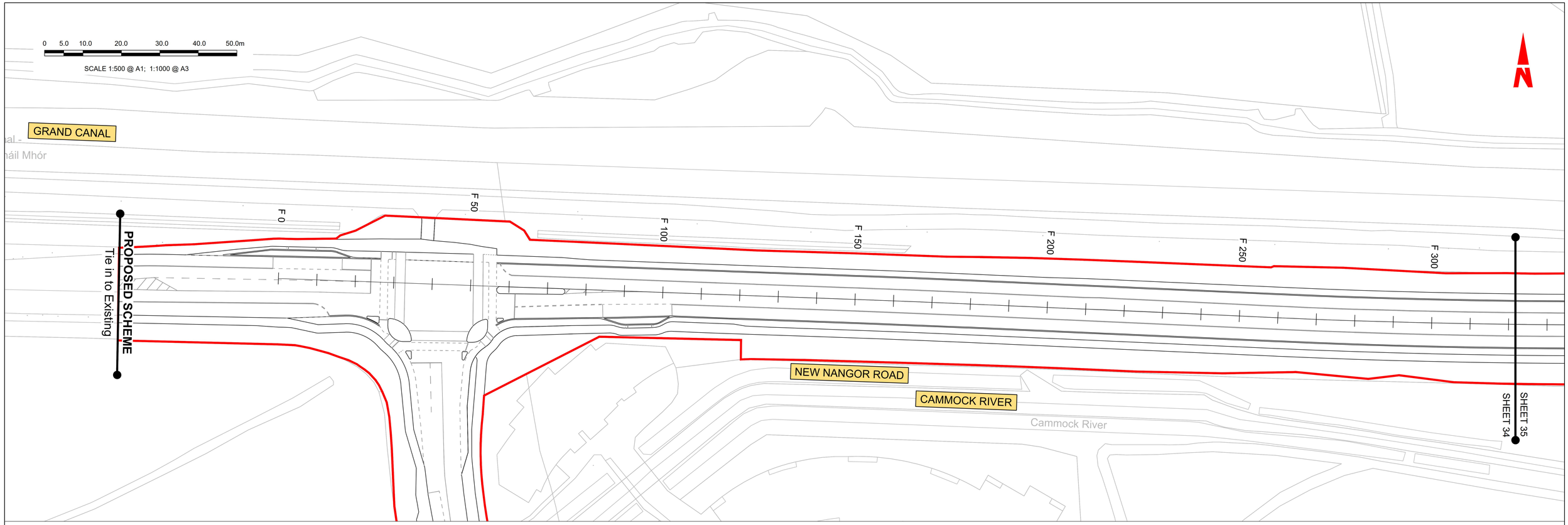

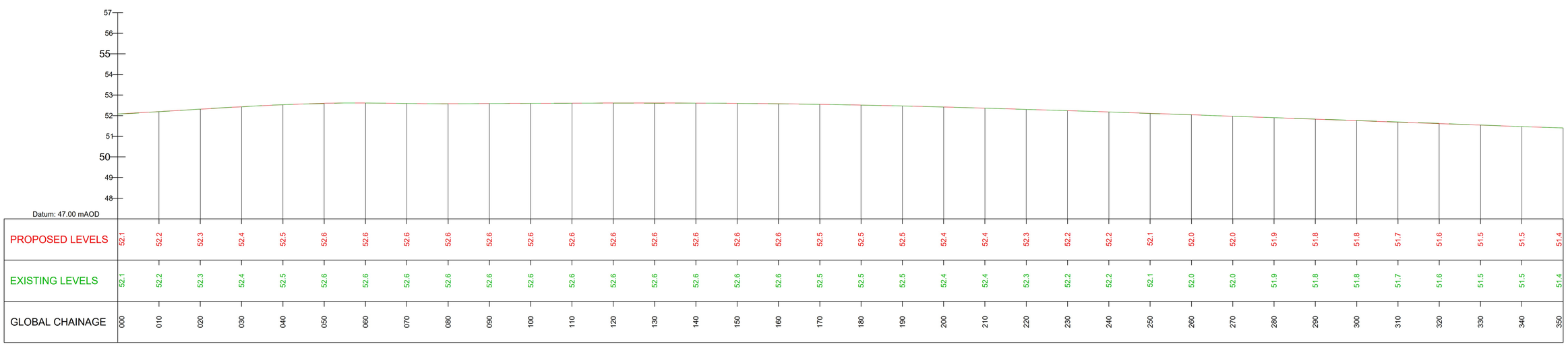

GEO_HV-0008_ML_01-M3-CR-0001 - A00 - LONGITUDINAL SECTION
SCALE: H 1:500,V 1:100

LEGEND:

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

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Project Ireland 2040
Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
M01	21/03/23	EM	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client: NTA — Údarás Náisiúnta Iompair / National Transport Authority

Engineering Designer: AECOM / MOTT MACDONALD

Date	Scale	Drawn	Checked	Approved
21/03/23	1:500 @ A1 1:1000 @ A3	E.MINCHER	A.DUGGAN	C.ACTON

Project Code	Originator Code	QMS Code
BCIDA	ACM	

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

Drawing Title: TALLAGHT/CLONDALKIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAIN LINE PLAN AND PROFILE

Drawing File Name	Sheet Number	Status	Rev
BCIDA-ACM-GEO_HV-0809_ML_00-DR-CR-0034	34 of 45	A	M01

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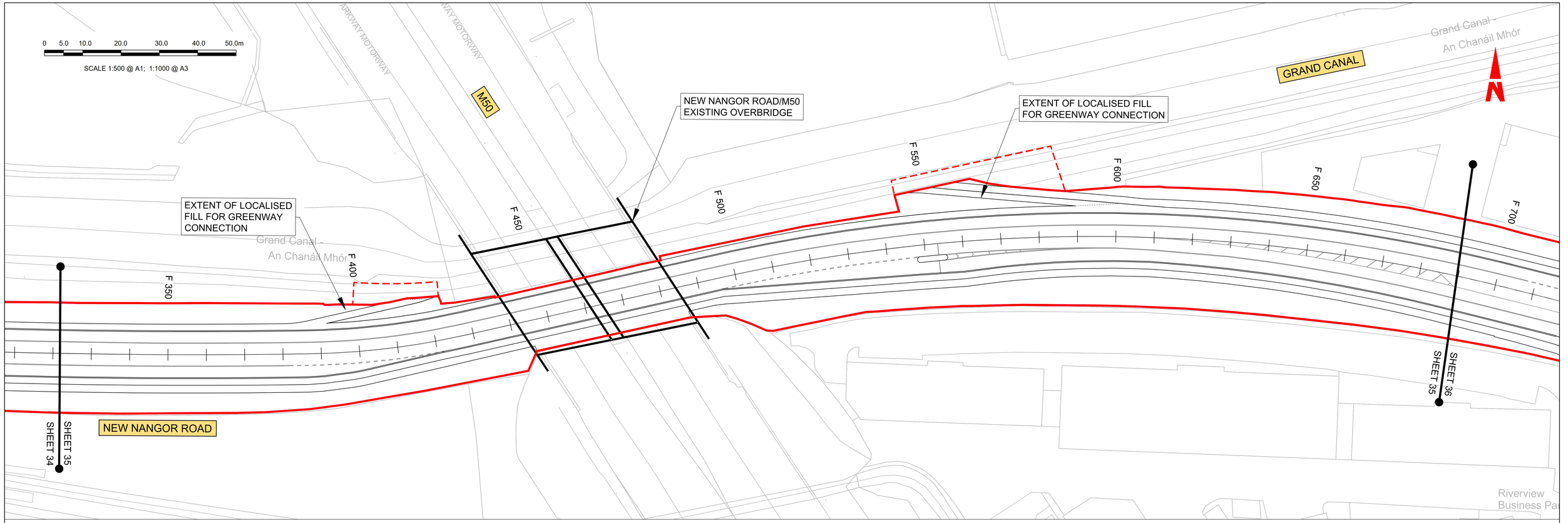
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SCALE 1:500 @ A1; 1:1000 @ A3
M50
NEW NANGOR ROAD/M50
EXISTING OVERBRIDGE
EXTENT OF LOCALISED FILL
FOR GREENWAY CONNECTION
EXTENT OF LOCALISED
FILL FOR GREENWAY
CONNECTION
GRAND CANAL
Grand Canal -
An Chanáil Mhór
NEW NANGOR ROAD
SHEET 34
SHEET 35
SHEET 36
F 350
F 400
F 450
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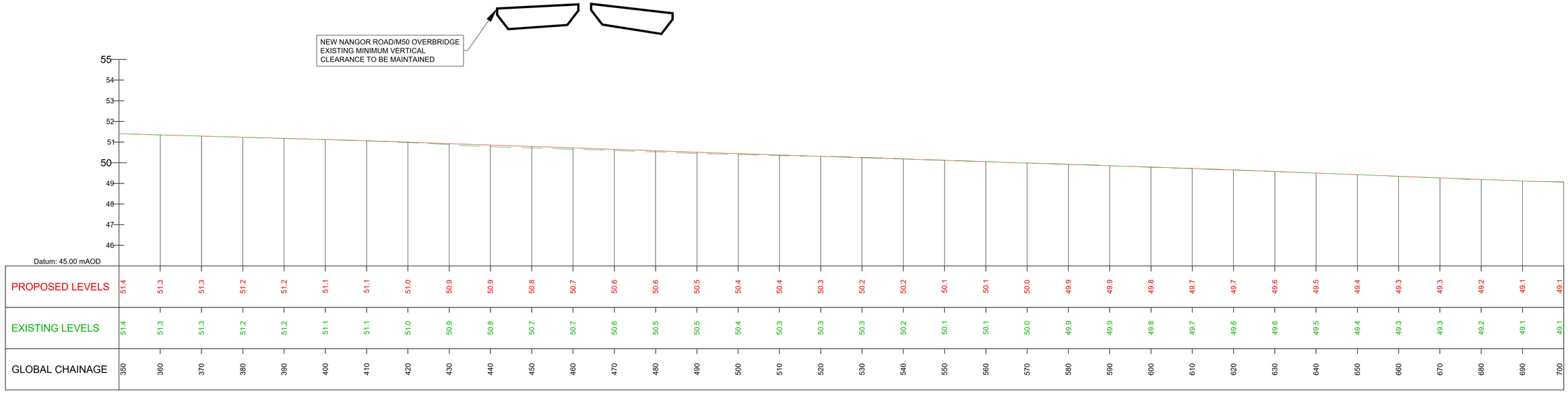
F 650
F 700
N


NEW NANGOR ROAD/M50 OVERBRIDGE
EXISTING MINIMUM VERTICAL
CLEARANCE TO BE MAINTAINED
55
54
53
52
51
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46
Datum: 45.00 mAOD

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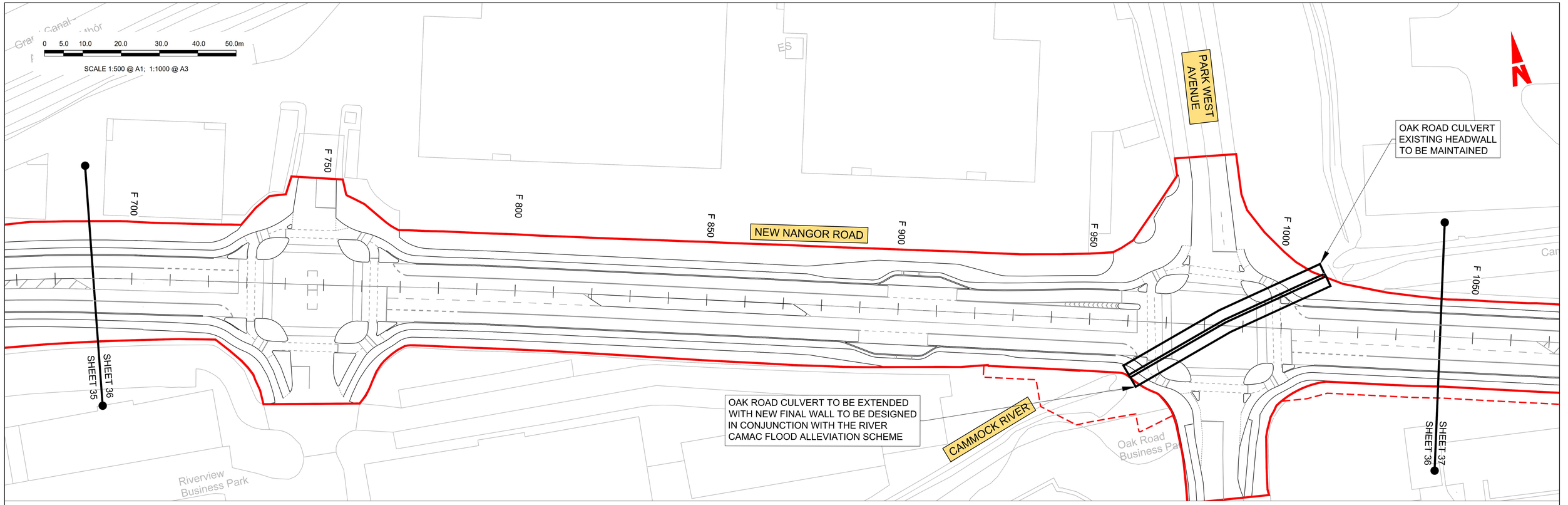

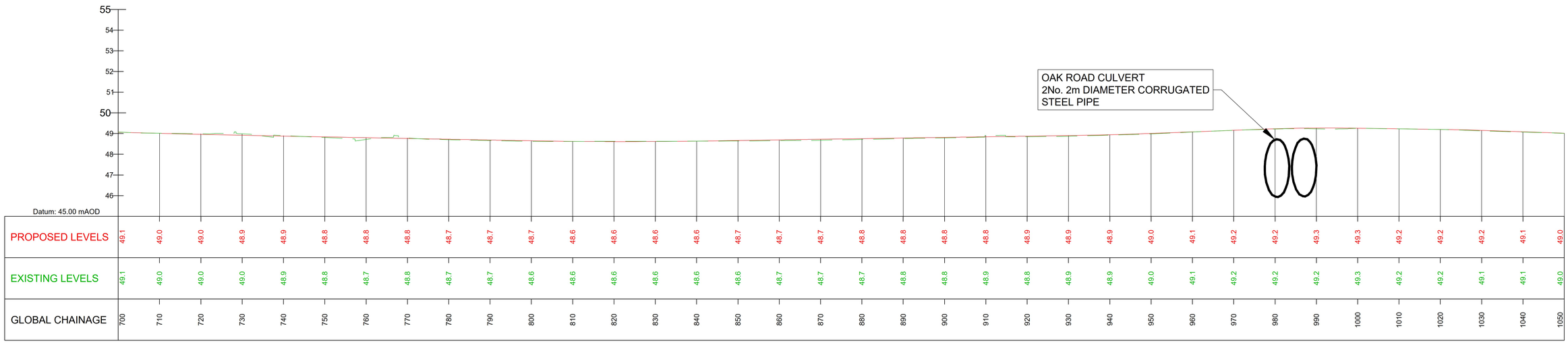

GLOBAL CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
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710	49.0	49.0
720	49.0	49.0
730	49.0	49.0
740	48.9	48.9
750	48.8	48.8
760	48.7	48.8
770	48.8	48.8
780	48.7	48.7
790	48.7	48.7
800	48.6	48.7
810	48.6	48.6
820	48.6	48.6
830	48.6	48.6
840	48.6	48.6
850	48.6	48.7
860	48.7	48.7
870	48.7	48.7
880	48.7	48.8
890	48.8	48.8
900	48.8	48.8
910	48.9	48.8
920	48.8	48.9
930	48.9	48.9
940	48.9	48.9
950	49.0	49.0
960	49.1	49.1
970	49.2	49.2
980	49.2	49.2
990	49.2	49.3
1000	49.3	49.3
1010	49.2	49.2
1020	49.2	49.2
1030	49.1	49.2
1040	49.1	49.1
1050	49.0	49.0

GEO_HV-0008_ML_01-M3-CR-0001 - A00 - LONGITUDINAL SECTION
SCALE: H 1:500,V 1:100

LEGEND:

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

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Project Ireland 2040 Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
M01	21/03/23	EM	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client: NTA Údarás Náisiúnta Iompair National Transport Authority

Engineering Designer: AECOM / MOTT MACDONALD

Date	Scale	Drawn	Checked	Approved
21/03/23	1:500 @ A1, 1:1000 @ A3	E.MINCHER	A.DUGGAN	C.ACTON

Project Code	Originator Code	QMS Code
BCIDA	ACM	

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

Drawing Title: TALLAGHT/CLONDALKIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAIN LINE PLAN AND PROFILE

Drawing File Name	Sheet Number	Status	Rev
BCIDA-ACM-GEO_HV-0809_ML_00-DR-CR-0036	36 of 45	A	M01

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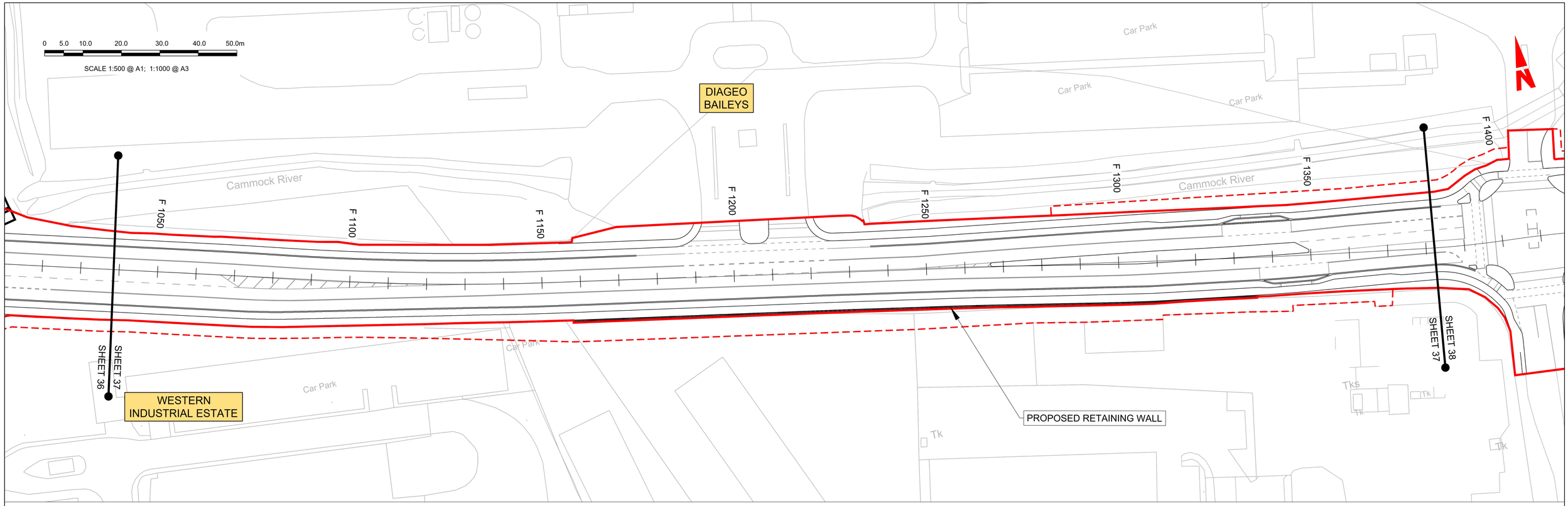

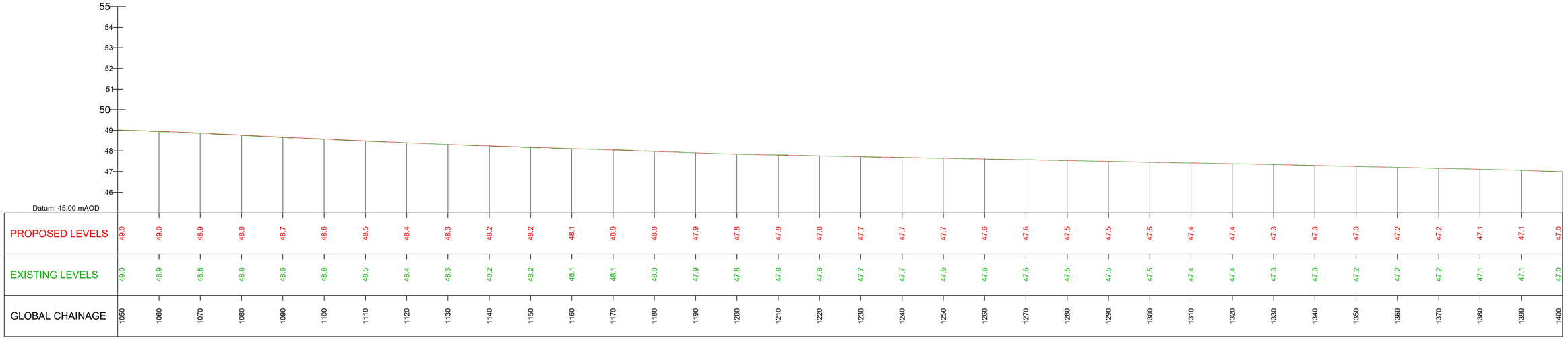

GEO_HV-0008_ML_01-M3-CR-0001 - A00 - LONGITUDINAL SECTION
SCALE: H 1:500,V 1:100

LEGEND:

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

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Project Ireland 2040 Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
M01	21/03/23	EM	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client: NTA Údarás Náisiúnta Iompair National Transport Authority

Engineering Designer: AECOM / MOTT MACDONALD

Date: 21/03/23 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: E.MINCHER | Checked: A.DUGGAN | Approved: C.ACTON

Project Code: BCIDA | Originator Code: ACM | QMS Code:

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

Drawing Title: TALLAGHT/CLONDALKIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAIN LINE PLAN AND PROFILE

Drawing File Name: BCIDA-ACM-GEO_HV-0809_ML_00-DR-CR-0037 | Sheet Number: 37 of 45 | Status: A | Rev: M01

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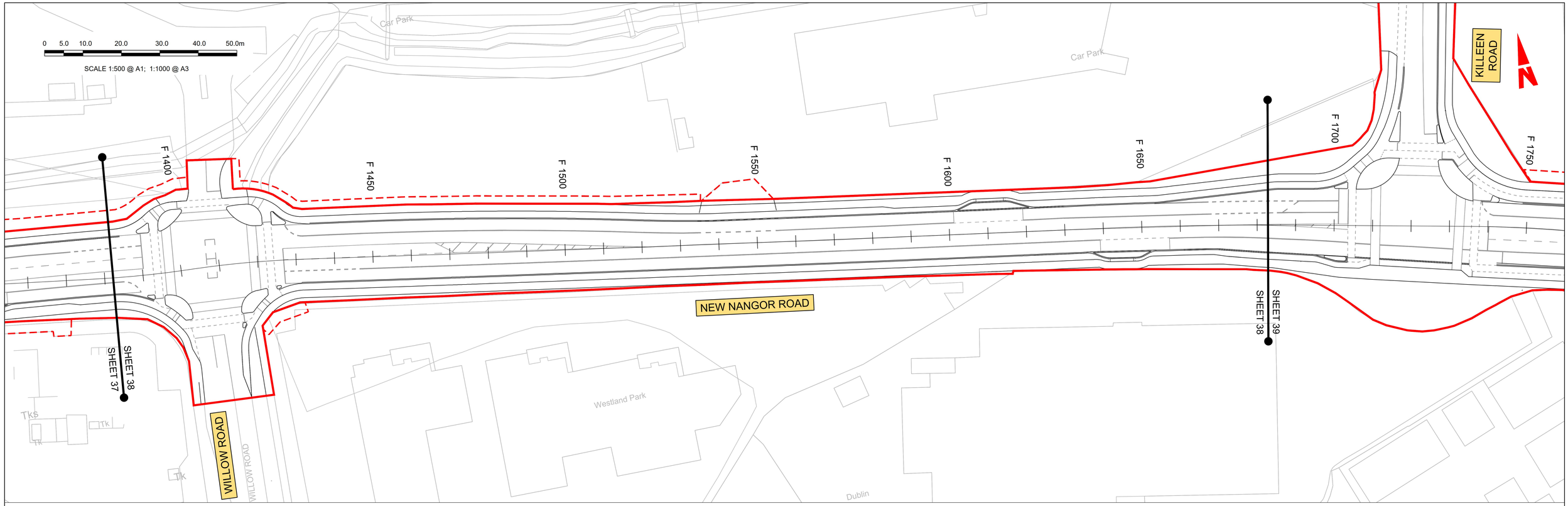
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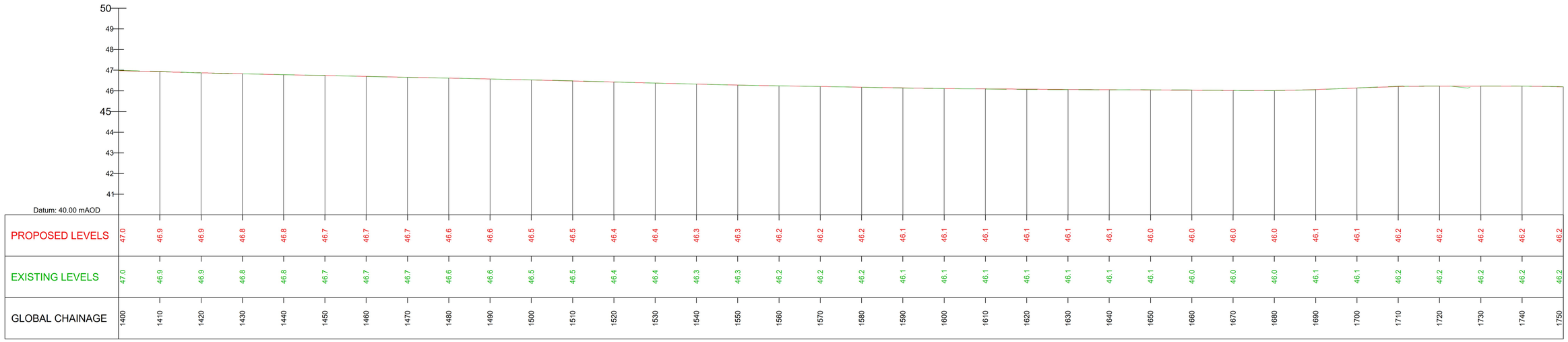
Car Park
Car Park
KILLEEN ROAD
N
F 1400
F 1450
F 1500
F 1550
F 1600
F 1650
F 1700
F 1750
NEW NANGOR ROAD
SHEET 37
SHEET 38
SHEET 38
SHEET 39
WILLOW ROAD
WILLOW ROAD
Westland Park
Dublin
Tk
Tk
Tk
Tk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42
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Datum: 40.00 mAOD

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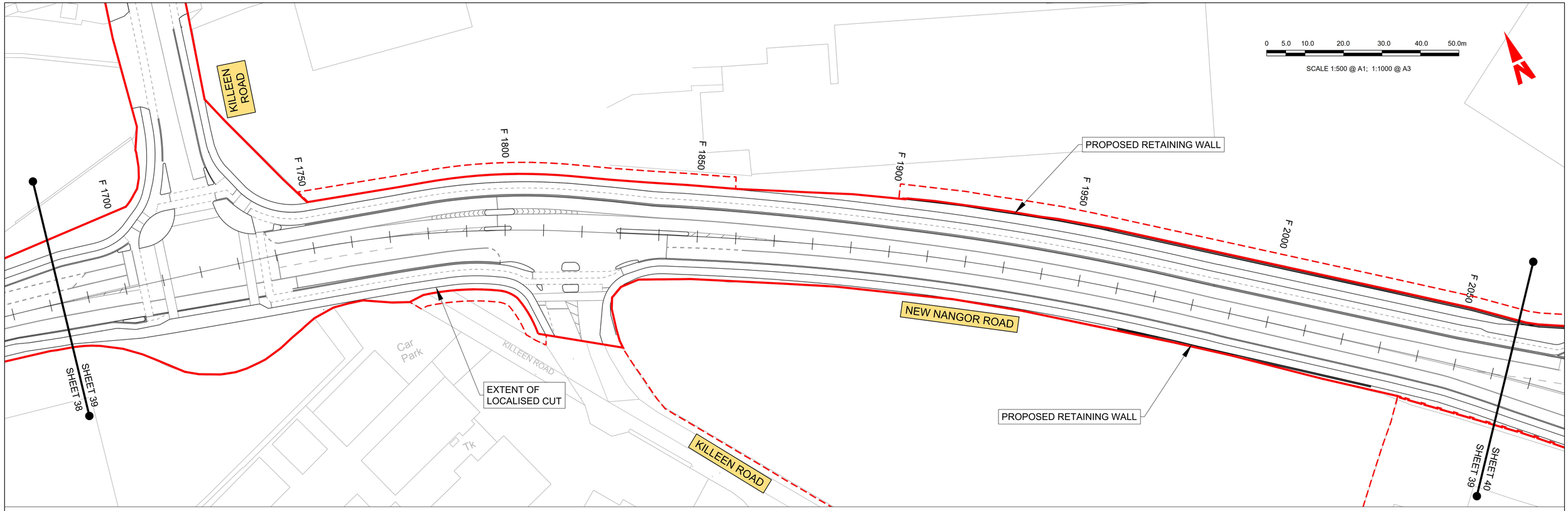
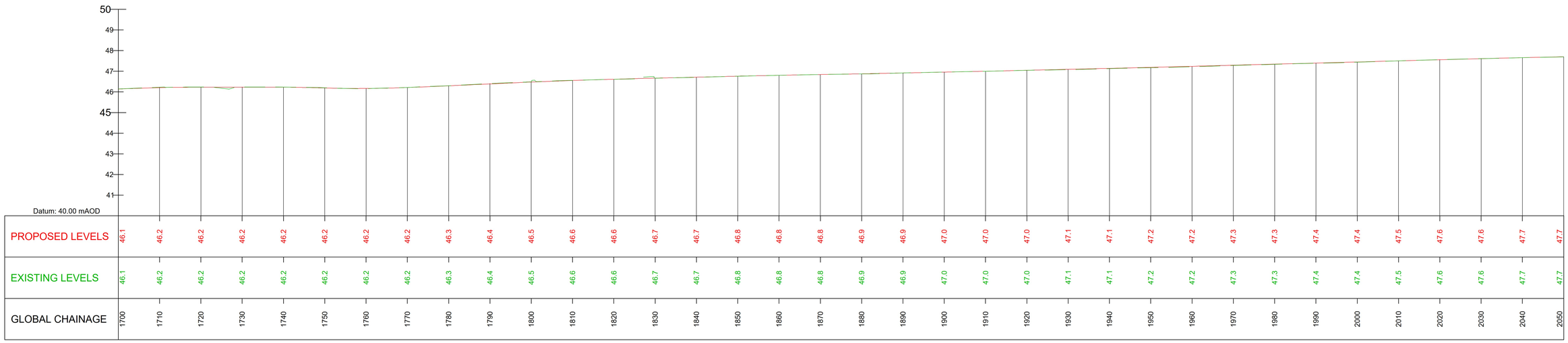

KILLEEN ROAD
F 1700
F 1750
F 1800
F 1850
F 1900
F 1950
F 2000
F 2050
PROPOSED RETAINING WALL
NEW NANGOR ROAD
PROPOSED RETAINING WALL
EXTENT OF LOCALISED CUT
KILLEEN ROAD
KILLEEN ROAD
Car Park
Tk
SHEET 38
SHEET 39
SHEET 39
SHEET 40
0 5.0 10.0 20.0 30.0 40.0 50.0m
SCALE 1:500 @ A1; 1:1000 @ A3
N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Datum: 40.00 mAOD

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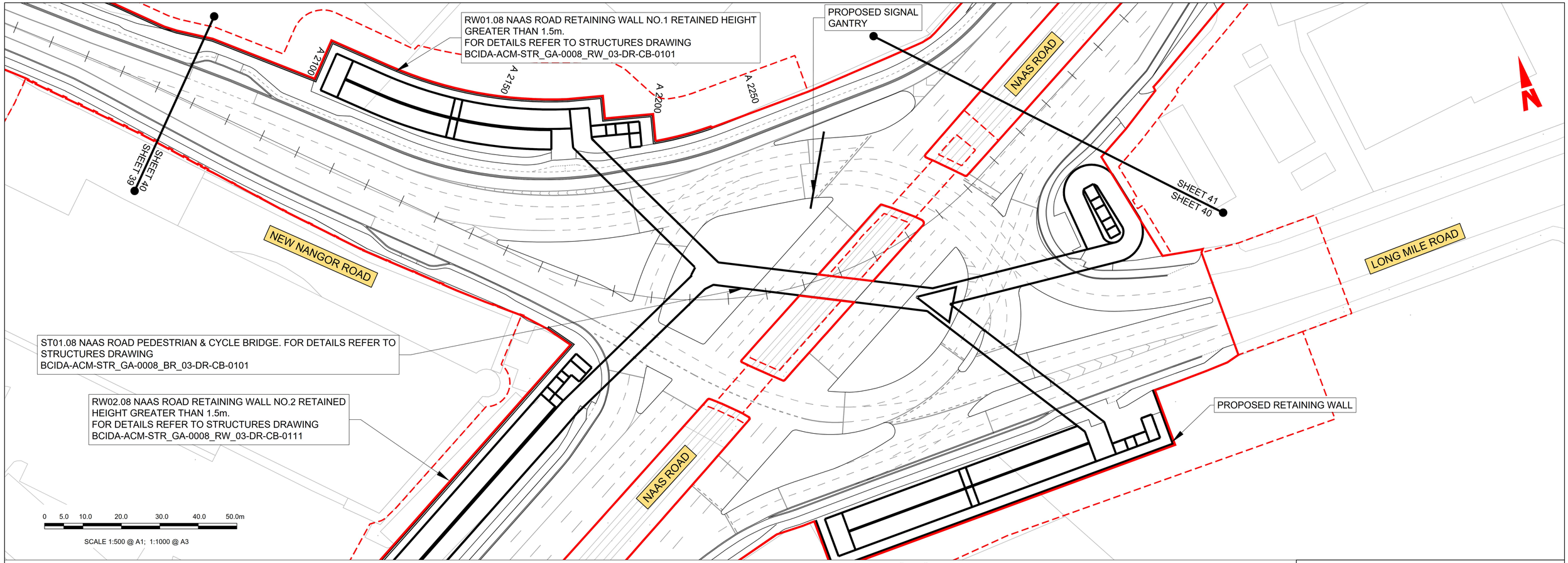

GEO_HV-0008_ML_01-M3-CR-0001 - A00 - LONGITUDINAL SECTION
SCALE: H 1:500,V 1:100

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Project Ireland 2040 Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
M01	21/03/23	EM	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client: NTA Údarás Náisiúnta Iompair National Transport Authority
Engineering Designer: AECOM / MOTT MACDONALD

Date	Scale	Drawn	Checked	Approved
21/03/23	1:500 @ A1, 1:1000 @ A3	E.MINCHER	A.DUGGAN	C.ACTON

Project Code	Originator Code	QMS Code
BCIDA	ACM	

Programme Title: BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title: TALLAGHT/CLONDALKIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME
MAIN LINE PLAN AND PROFILE

Drawing File Name	Sheet Number	Status	Rev
BCIDA-ACM-GEO_HV-0809_ML_00-DR-CR-0040	40 of 45	A	M01

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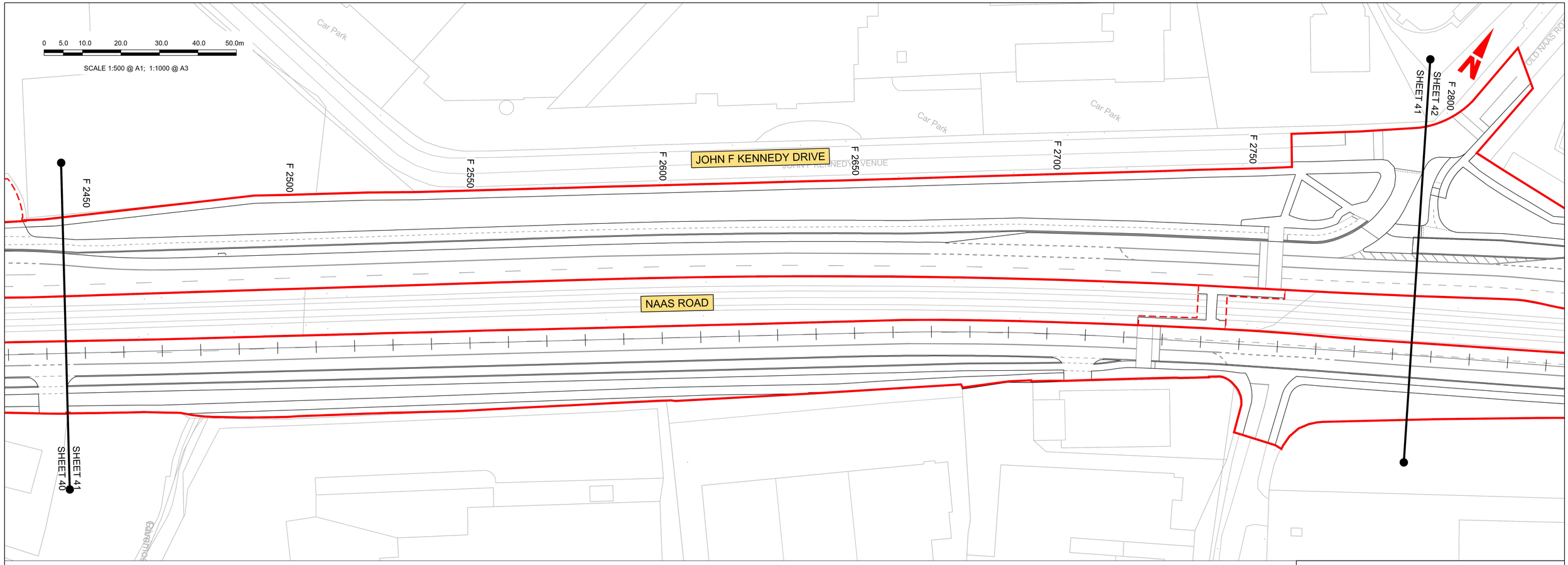
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SCALE 1:500 @ A1; 1:1000 @ A3
Car Park
Car Park
Car Park
JOHN F KENNEDY DRIVE
JOHN F KENNEDY AVENUE
NAAS ROAD
OLD NAAS RO
F 2450
F 2500
F 2550
F 2600
F 2650
F 2700
F 2750
F 2800
SHEET 40
SHEET 41
SHEET 41
SHEET 42
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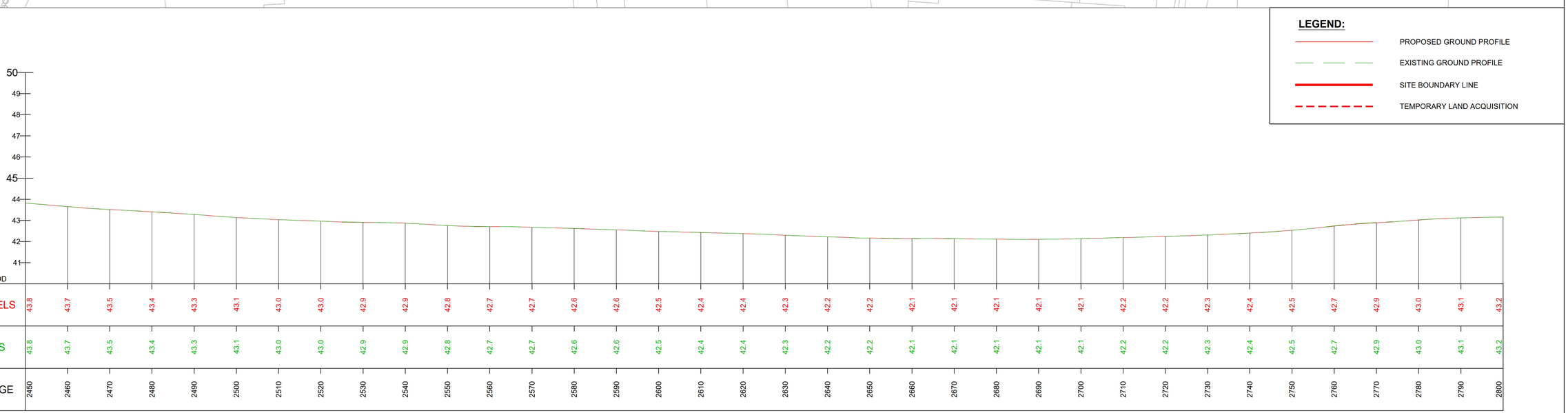
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Datum: 40.00 mAOD

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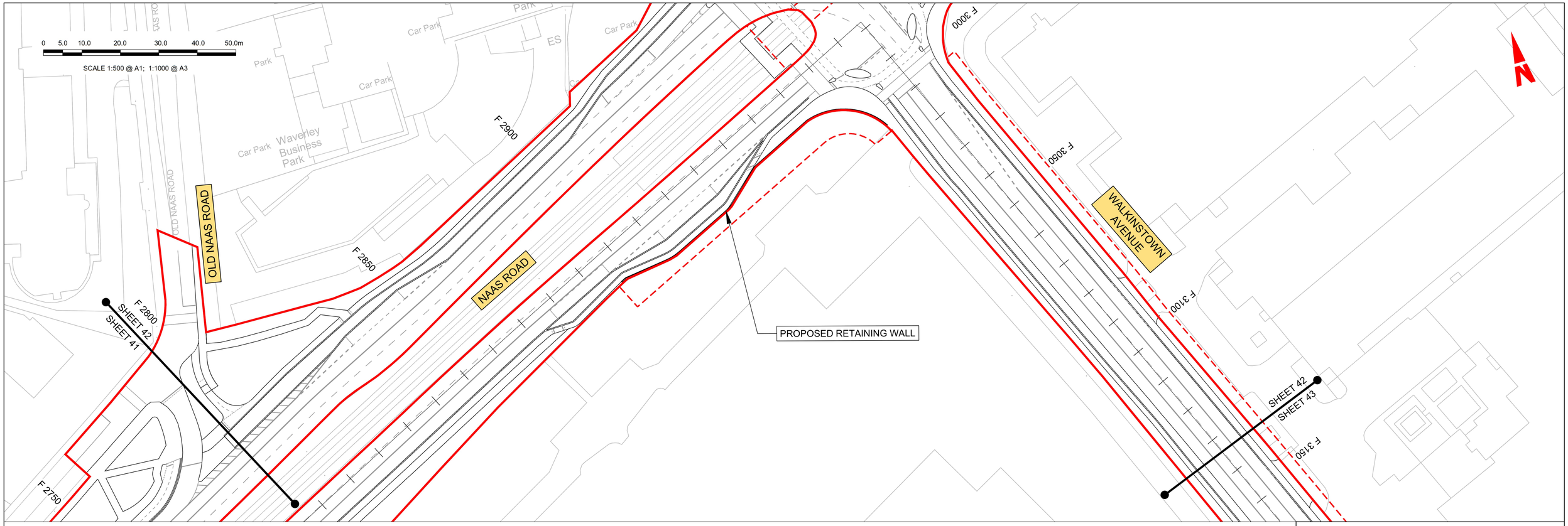

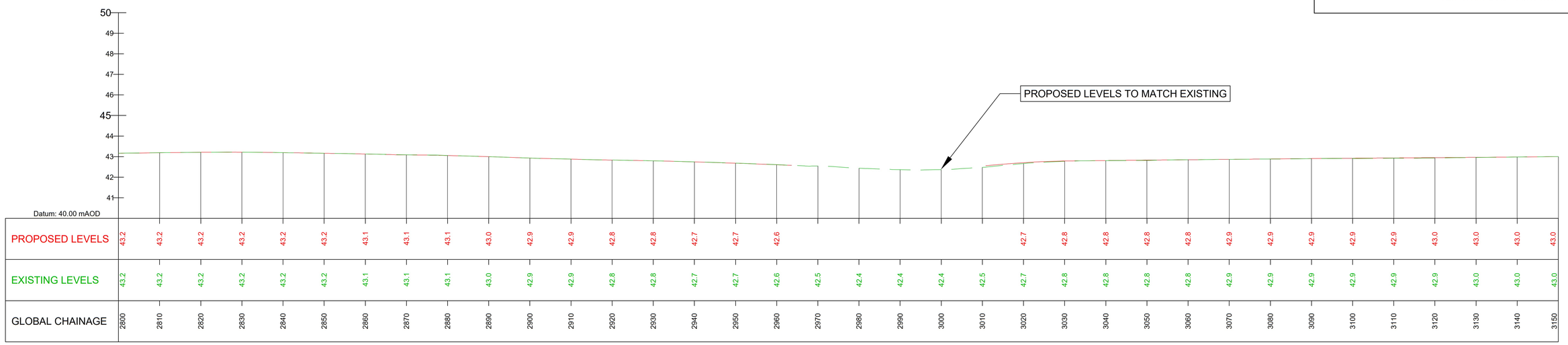

GEO_HV-0008_ML_01-M3-CR-0001 - A00 - LONGITUDINAL SECTION
SCALE: H 1:500,V 1:100

LEGEND:

- PROPOSED GROUND PROFILE
- EXISTING GROUND PROFILE
- SITE BOUNDARY LINE
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Client: NTA Údarás Náisiúnta Iompair National Transport Authority

Engineering Designer: AECOM / MOTT MACDONALD

Date	Scale	Drawn	Checked	Approved
21/03/23	1:500 @ A1, 1:1000 @ A3	E.MINCHER	A.DUGGAN	C.ACTON

Project Code	Originator Code	QMS Code
BCIDA	ACM	

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

Drawing Title: TALLAGHT/CLONDALKIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAIN LINE PLAN AND PROFILE

Drawing File Name	Sheet Number	Status	Rev
BCIDA-ACM-GEO_HV-0809_ML_00-DR-CR-0042	42 of 45	A	M01

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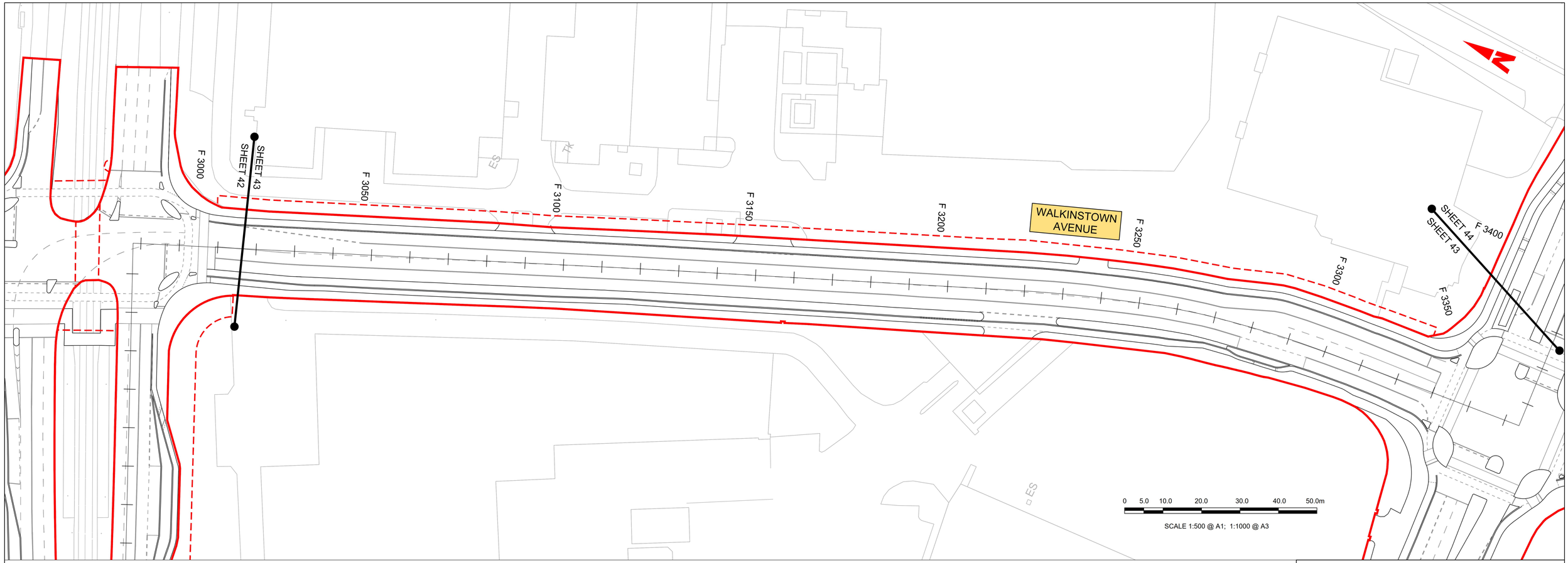
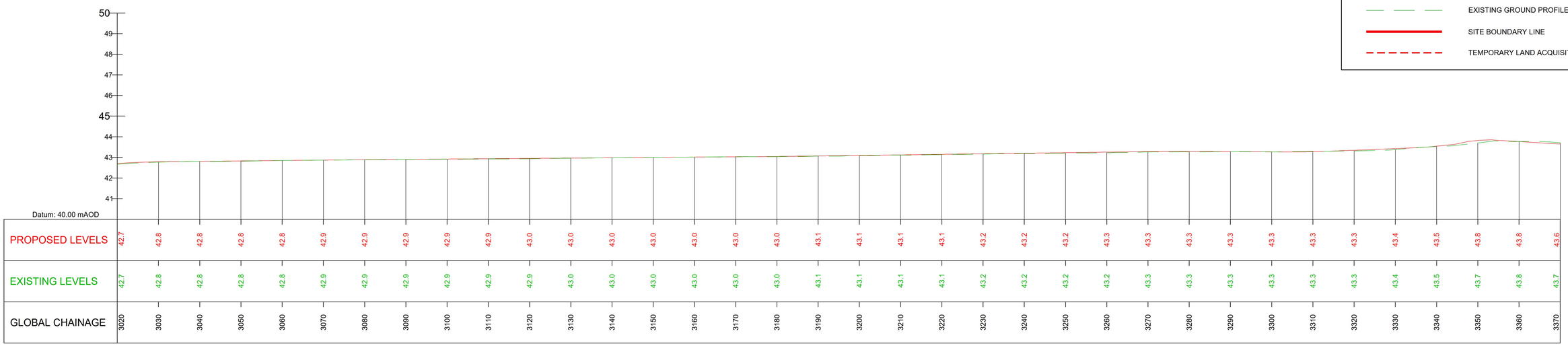


LEGEND:

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



GLOBAL CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
3020	42.7	42.7
3030	42.8	42.8
3040	42.8	42.8
3050	42.8	42.8
3060	42.8	42.8
3070	42.9	42.9
3080	42.9	42.9
3090	42.9	42.9
3100	42.9	42.9
3110	42.9	42.9
3120	42.9	43.0
3130	43.0	43.0
3140	43.0	43.0
3150	43.0	43.0
3160	43.0	43.0
3170	43.0	43.0
3180	43.0	43.0
3190	43.1	43.1
3200	43.1	43.1
3210	43.1	43.1
3220	43.1	43.1
3230	43.2	43.2
3240	43.2	43.2
3250	43.2	43.2
3260	43.2	43.3
3270	43.3	43.3
3280	43.3	43.3
3290	43.3	43.3
3300	43.3	43.3
3310	43.3	43.3
3320	43.3	43.3
3330	43.4	43.4
3340	43.5	43.5
3350	43.7	43.8
3360	43.8	43.8
3370	43.7	43.6

GEO_HV-0008_ML_01-M3-CR-0001 - A00 - 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	21/03/23	EM	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client: NTA Údarás Náisiúnta Iompair National Transport Authority

Engineering Designer: AECOM / MOTT MACDONALD

Date	Scale	Drawn	Checked	Approved
21/03/23	1:500 @ A1, 1:1000 @ A3	E.MINCHER	A.DUGGAN	C.ACTON

Project Code	Originator Code	QMS Code
BCIDA	ACM	

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

Drawing Title: TALLAGHT/CLONDALKIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAIN LINE PLAN AND PROFILE

Drawing File Name	Sheet Number	Status	Rev
BCIDA-ACM-GEO_HV-0809_ML_00-DR-CR-0043	43 of 45	A	M01

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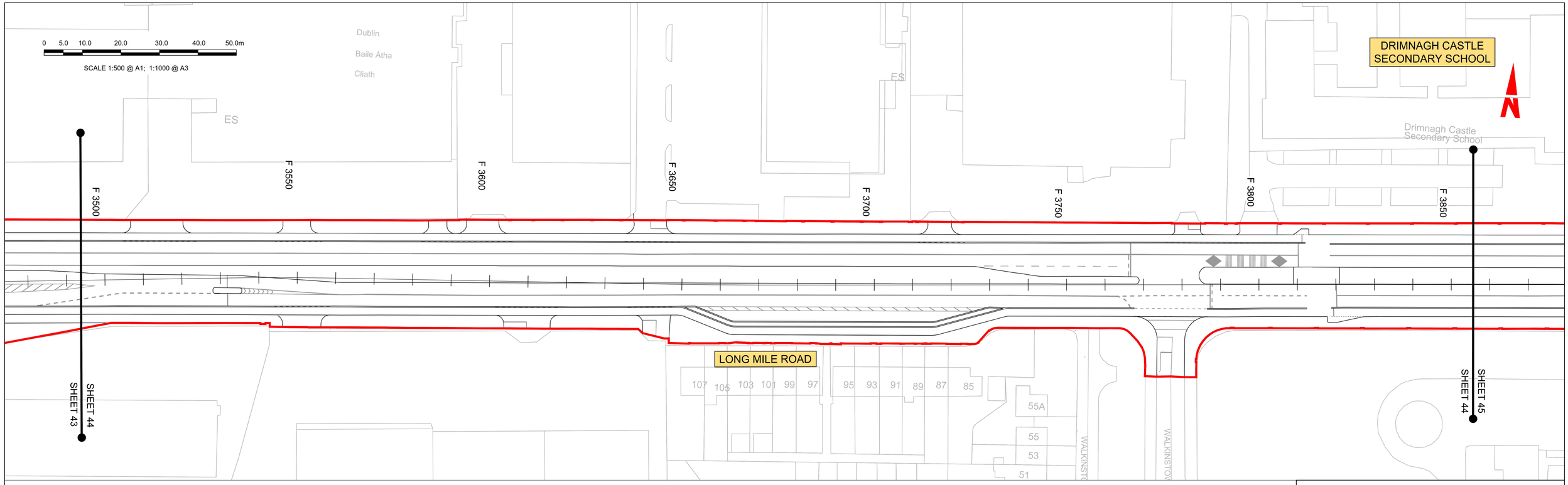

LEGEND:

- PROPOSED GROUND PROFILE
- EXISTING GROUND PROFILE
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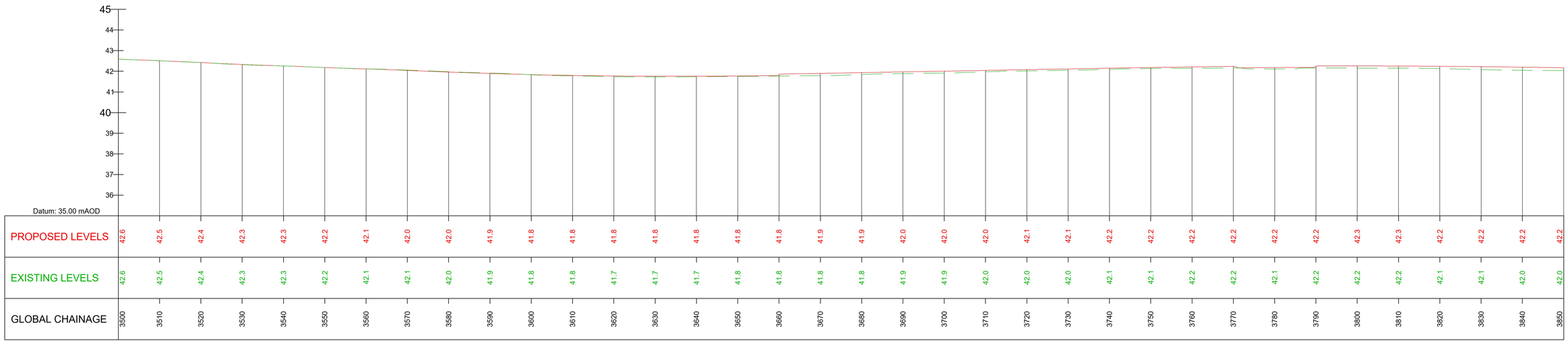

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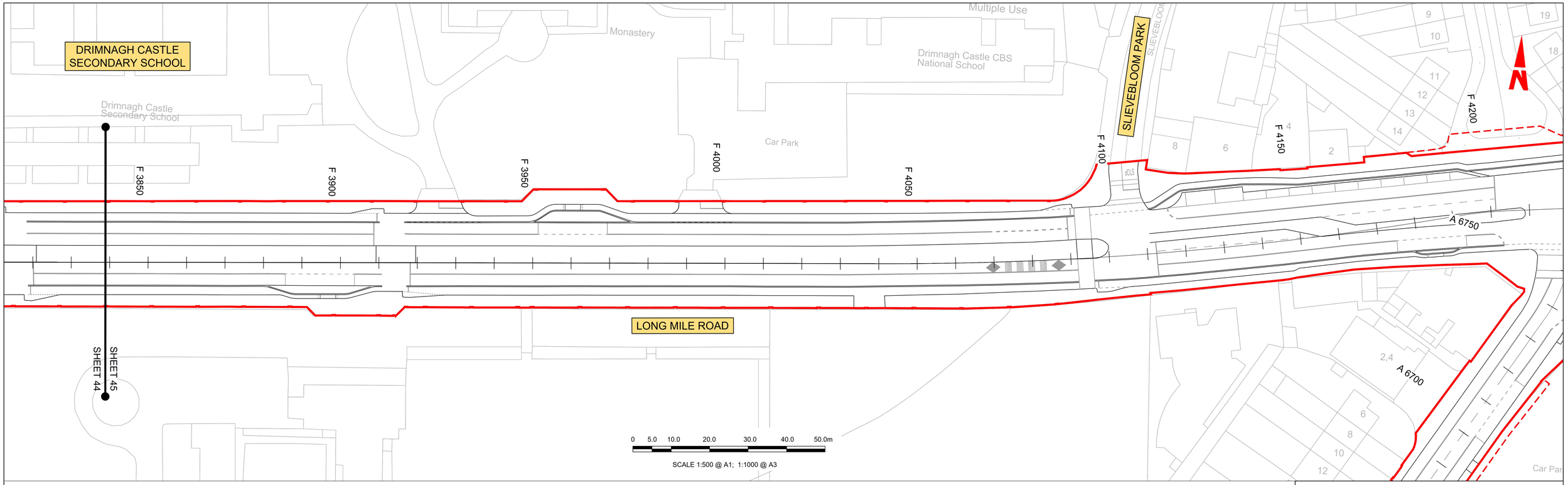
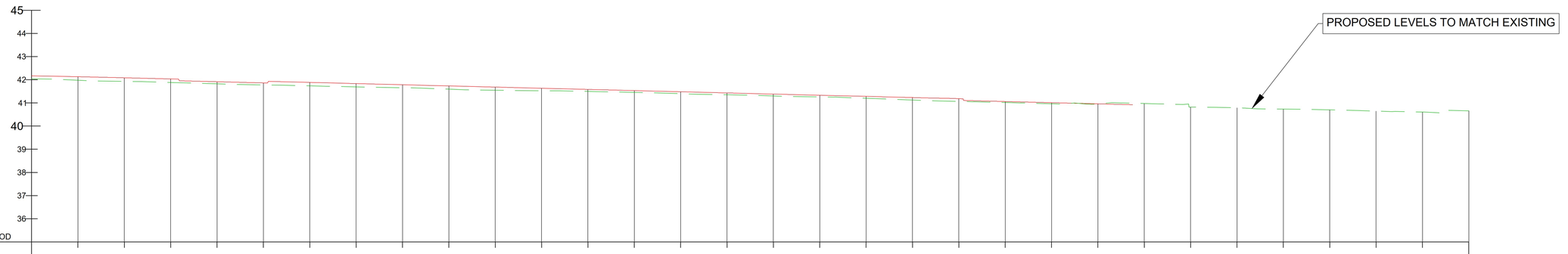

DRIMNAGH CASTLE SECONDARY SCHOOL
Drimnagh Castle Secondary School
Monastery
Multiple Use
Drimnagh Castle CBS National School
Car Park
SLIEVEBLOOM PARK
SLIEVEBLOOM
F 3850
F 3900
F 3950
F 4000
F 4050
F 4100
F 4150
F 4200
A 6750
A 6700
LONG MILE ROAD
SHEET 44
SHEET 45
0 5.0 10.0 20.0 30.0 40.0 50.0m
SCALE 1:500 @ A1; 1:1000 @ A3
LEGEND:
PROPOSED GROUND PROFILE
EXISTING GROUND PROFILE
SITE BOUNDARY LINE
TEMPORARY LAND ACQUISITION


PROPOSED LEVELS TO MATCH EXISTING
45
44
43
42
41
40
39
38
37
36
Datum: 35.00 mAOD

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