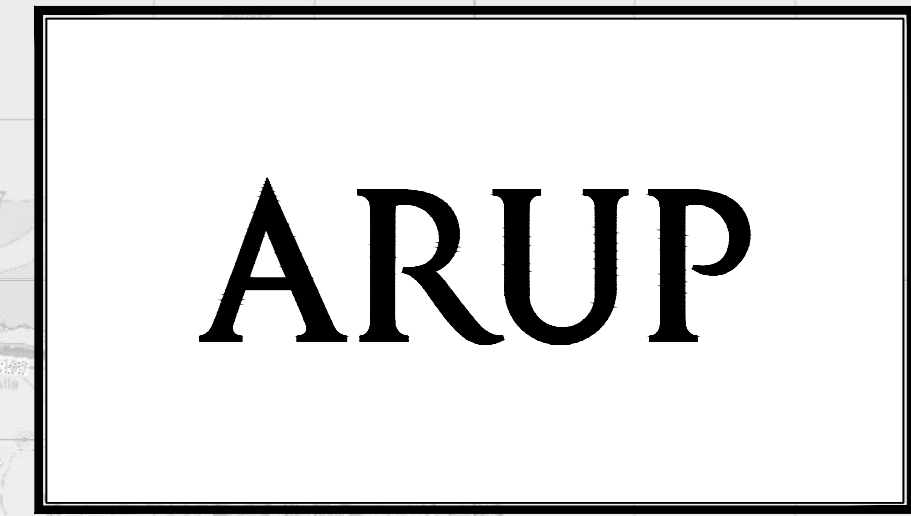


The image features a vibrant yellow background with abstract, overlapping shapes in shades of blue and green. Several white circles are scattered throughout, some appearing as cutouts or highlights within the shapes. The overall aesthetic is modern and geometric.

# Mainline Plan and Profile





# BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS

## TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME

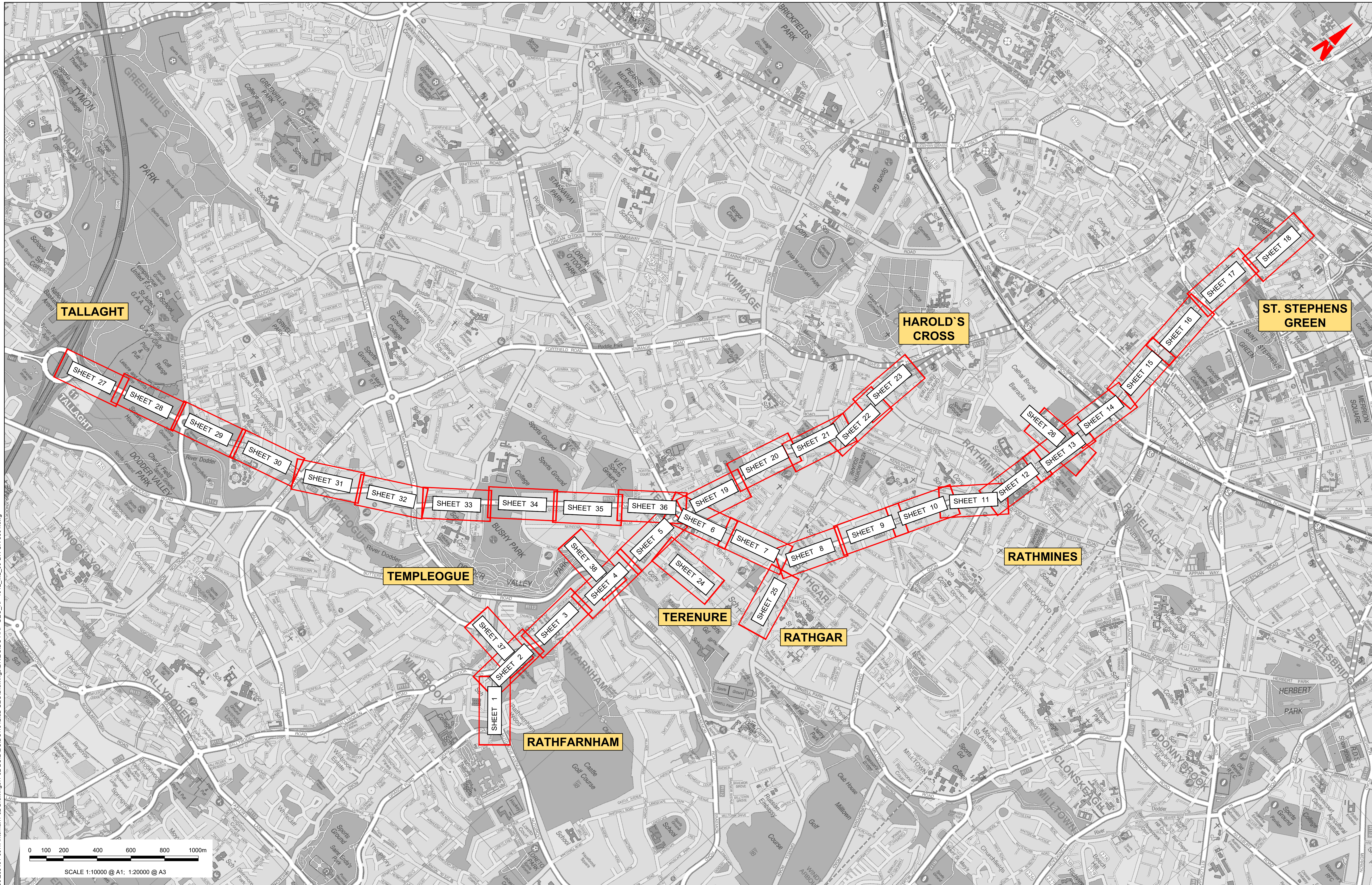
### MAINLINE PLAN AND PROFILE

| DRAWING SERIES NUMBER(S)                       | DRAWING SERIES DESCRIPTION   |
|--|--|
| BCIDC-ARP-GEO_IX-1012_ML_00-DR-CR-0001         | TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME. MAINLINE PLAN AND PROFILE. COVER SHEET |
| BCIDC-ARP-GEO_KP-1012_ML_00-DR-CR-0001         | TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME. MAINLINE PLAN AND PROFILE. KEY PLAN    |
| BCIDC-ARP-GEO_HV-1012_ML_00-DR-CR-0001 to 0038 | TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME. MAINLINE PLAN AND PROFILE              |

\\global\europa\dublin\jobs\268600026840\004 Internal\4-02 Drawings\4-02 BCIDC\BCIDC\_101202\_GEO\Drawings\DR\BCIDC-ARP-GEO\_IX-1012\_ML\_00-DR-CR-0001.dwg

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|---|-----------------|---|-------|---------|-----------------------------|-------|-------------|-------------|-----|------------|----|-----|----|-----------------------------|---|--------|--|----------------------|--|--|--|--|--|--|--|------|-------|----------|-------|---------|------------|----------|----|-----|----|--------------|-----------------|----------|--|--|-------|-----|-----------|--|--|--|-----------------|--|---|--|---------------|--|--|--|-------------------|--------------|--------|-----|--|----------|---|-----|
|   |                 | Rev   | Date  | Drn     | Chk'd                       | App'd | Description |             |     |            |    |     |    |                             |   |        |  |                      |  |  |  |  |  |  |  |      |       |          |       |         |            |          |    |     |    |              |                 |          |  |  |       |     |           |  |  |  |                 |  |   |  |               |  |  |  |                   |              |        |     |  |          |   |     |
| M01   | 27/01/2023      | SK  | CMG   | DC      | ISSUE FOR PHASE 4: PLANNING |       |             |             |     |            |    |     |    |                             |   |        |  |                      |  |  |  |  |  |  |  |      |       |          |       |         |            |          |    |     |    |              |                 |          |  |  |       |     |           |  |  |  |                 |  |   |  |               |  |  |  |                   |              |        |     |  |          |   |     |
| Client  |                 | Engineering Designer  |       |         |                             |       |             |             |     |            |    |     |    |                             |   |        |  |                      |  |  |  |  |  |  |  |      |       |          |       |         |            |          |    |     |    |              |                 |          |  |  |       |     |           |  |  |  |                 |  |   |  |               |  |  |  |                   |              |        |     |  |          |   |     |
|   |                 |   |       |         |                             |       |             |             |     |            |    |     |    |                             |   |        |  |                      |  |  |  |  |  |  |  |      |       |          |       |         |            |          |    |     |    |              |                 |          |  |  |       |     |           |  |  |  |                 |  |   |  |               |  |  |  |                   |              |        |     |  |          |   |     |
| Date  | Scale           | N/A @ A1  | Drawn | Checked |                             |       |             |             |     |            |    |     |    |                             |   |        |  |                      |  |  |  |  |  |  |  |      |       |          |       |         |            |          |    |     |    |              |                 |          |  |  |       |     |           |  |  |  |                 |  |   |  |               |  |  |  |                   |              |        |     |  |          |   |     |
| 27/01/2023  | N/A @ A3        | SK  | CMG   | DC      |                             |       |             |             |     |            |    |     |    |                             |   |        |  |                      |  |  |  |  |  |  |  |      |       |          |       |         |            |          |    |     |    |              |                 |          |  |  |       |     |           |  |  |  |                 |  |   |  |               |  |  |  |                   |              |        |     |  |          |   |     |
| Project Code  | Originator Code | QMS Code  |       |         |                             |       |             |             |     |            |    |     |    |                             |   |        |  |                      |  |  |  |  |  |  |  |      |       |          |       |         |            |          |    |     |    |              |                 |          |  |  |       |     |           |  |  |  |                 |  |   |  |               |  |  |  |                   |              |        |     |  |          |   |     |
| BCIDC   | ARP             | 268401-00   |       |         |                             |       |             |             |     |            |    |     |    |                             |   |        |  |                      |  |  |  |  |  |  |  |      |       |          |       |         |            |          |    |     |    |              |                 |          |  |  |       |     |           |  |  |  |                 |  |   |  |               |  |  |  |                   |              |        |     |  |          |   |     |
| Programme Title   |                 | <b>BUSCONNECTS DUBLIN<br/>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>   |       |         |                             |       |             |             |     |            |    |     |    |                             |   |        |  |                      |  |  |  |  |  |  |  |      |       |          |       |         |            |          |    |     |    |              |                 |          |  |  |       |     |           |  |  |  |                 |  |   |  |               |  |  |  |                   |              |        |     |  |          |   |     |
| Drawing Title   |                 | TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME<br>MAINLINE PLAN AND PROFILE<br>COVER SHEET  |       |         |                             |       |             |             |     |            |    |     |    |                             |   |        |  |                      |  |  |  |  |  |  |  |      |       |          |       |         |            |          |    |     |    |              |                 |          |  |  |       |     |           |  |  |  |                 |  |   |  |               |  |  |  |                   |              |        |     |  |          |   |     |
| Drawing File Name   | Sheet Number    | Status  | Rev   |         |                             |       |             |             |     |            |    |     |    |                             |   |        |  |                      |  |  |  |  |  |  |  |      |       |          |       |         |            |          |    |     |    |              |                 |          |  |  |       |     |           |  |  |  |                 |  |   |  |               |  |  |  |                   |              |        |     |  |          |   |     |
| BCIDC-ARP-GEO_IX-1012_ML_00-DR-CR-0001  | 01 of 01        | A   | M01   |         |                             |       |             |             |     |            |    |     |    |                             |   |        |  |                      |  |  |  |  |  |  |  |      |       |          |       |         |            |          |    |     |    |              |                 |          |  |  |       |     |           |  |  |  |                 |  |   |  |               |  |  |  |                   |              |        |     |  |          |   |     |
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| Rev | Date       | Drn | Chk'd | App'd | Description                 |
|-----|------------|-----|-------|-------|-----------------------------|
| M01 | 27/01/2023 | SK  | CMG   | DC    | ISSUE FOR PHASE 4: PLANNING |

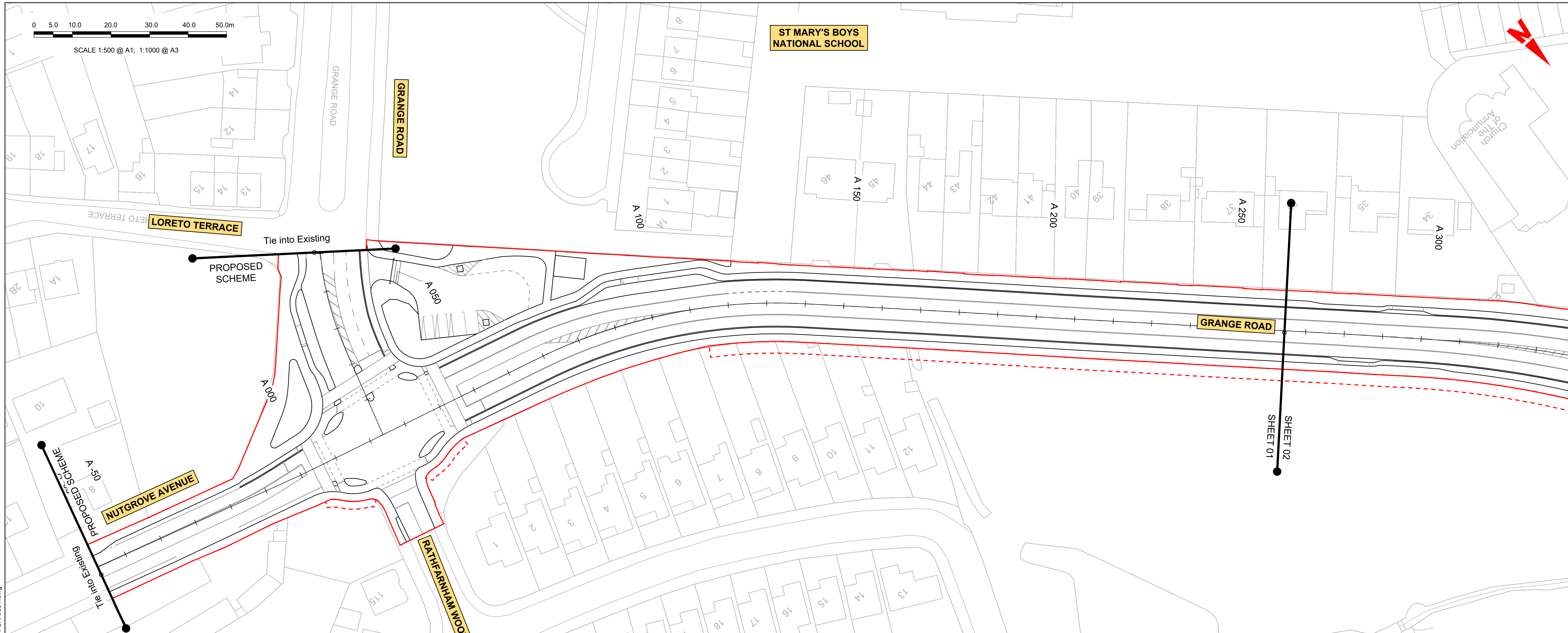
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| Client   |                              | Engineering Designer |         |  | Programme Title   |        |
| <br>Údarás Náisiúnta Iompair<br>National Transport Authority |                              |                      |         |  | <b>BUSCONNECTS DUBLIN</b><br><b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>                               |        |
| Date   | Scale                        | Drawn                | Checked | Approved                               | Drawing Title   |        |
| 27/01/2023   | 1:10000 @ A1<br>1:20000 @ A3 | SK                   | CMG     | DC                                     | TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME<br>MAINLINE PLAN AND PROFILE<br>KEY PLAN |        |
| Project Code   | Originator Code              | QMS Code             |         | Drawing File Name                      | Sheet Number  | Status |
| BCIDC  | ARP                          | 268401-00            |         | BCIDC-APP-GEO_KP-1012_ML_00-DR-CR-0001 | 01 of 01  | A      |
|  |                              |                      |         | Rev                                    | M01   |        |

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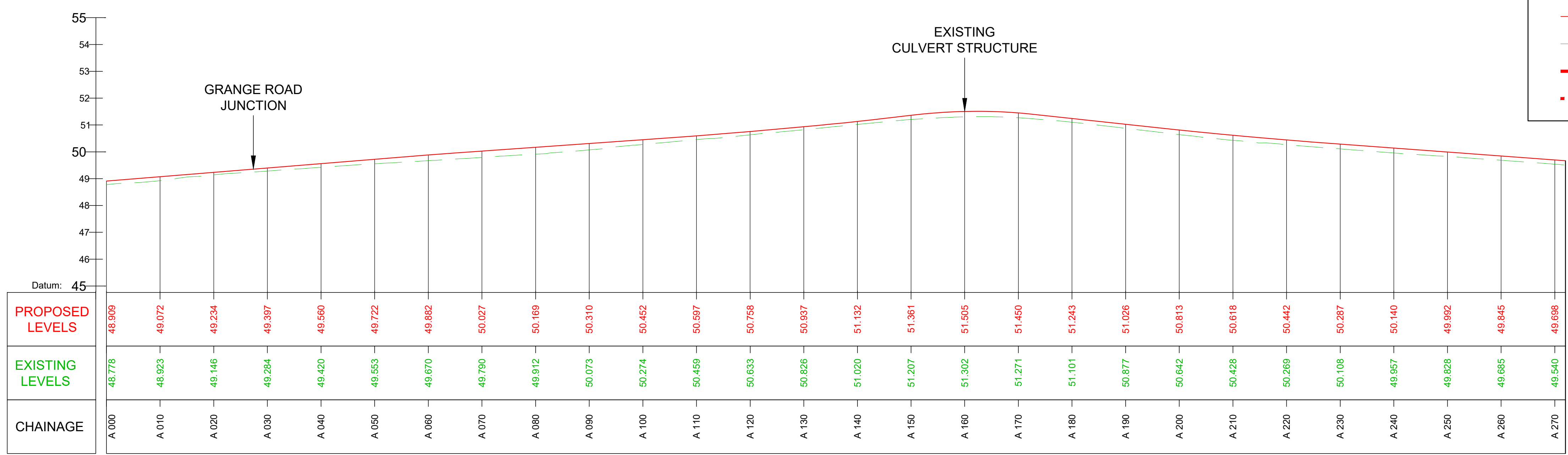


SCALE 1:500 @ A1; 1:1000 @ A3



**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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| 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-1012_ML_00-DR-CR-0001 | Sheet Number: 01 of 38 | Status: A | Rev: M01 |
|---|------------------------|-----------|----------|

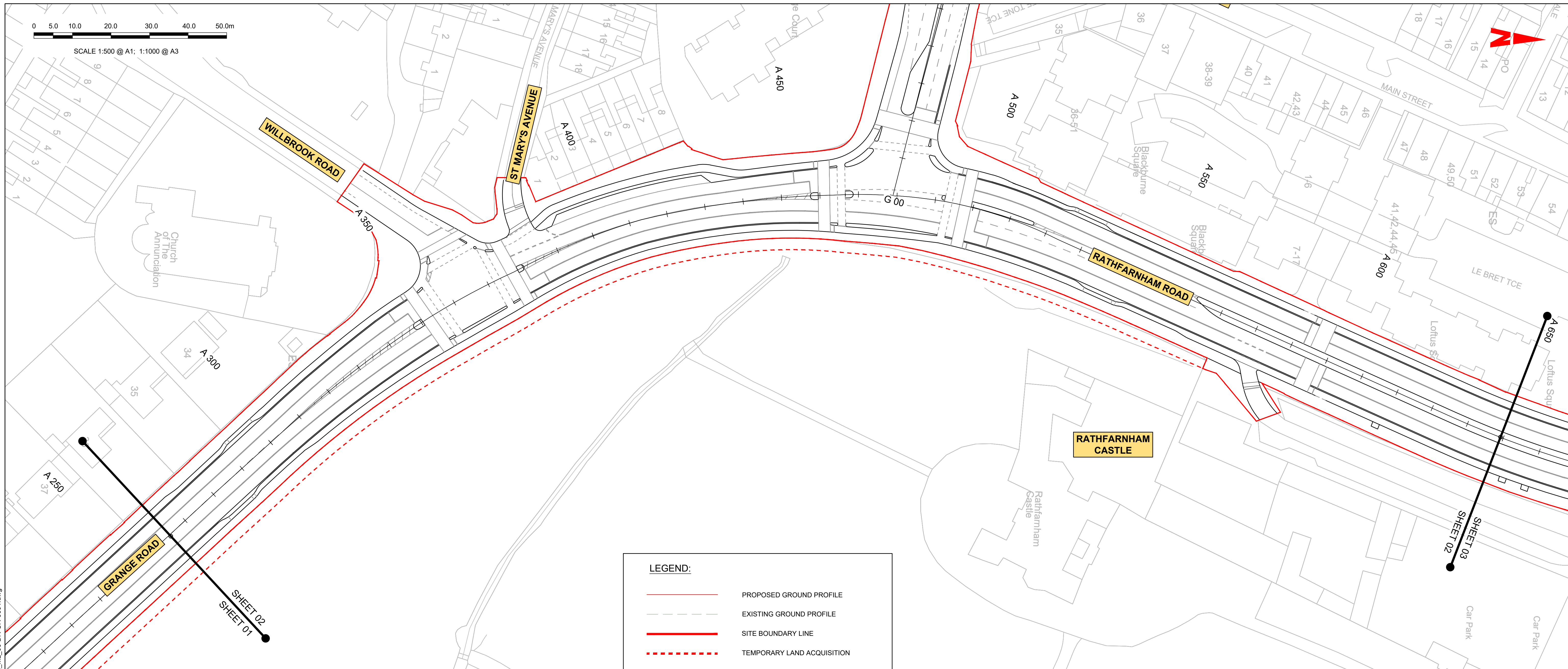
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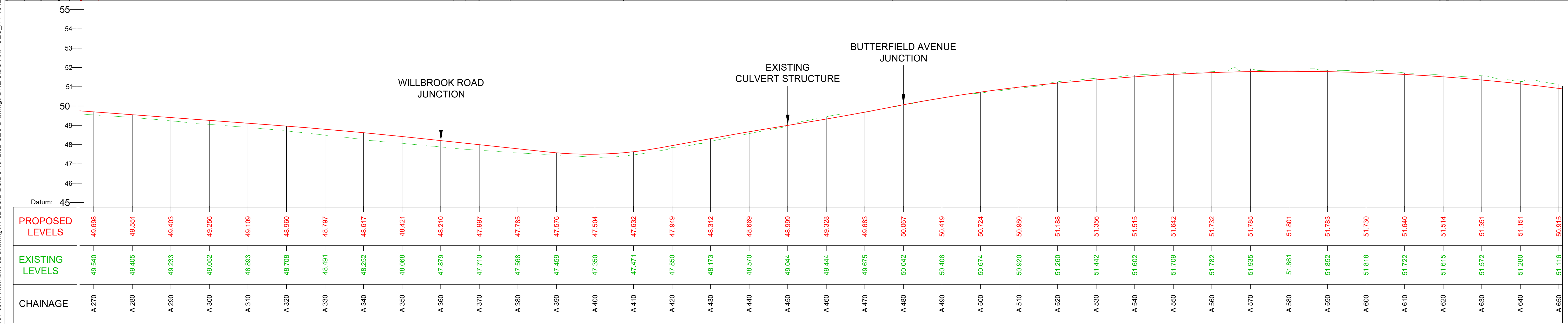
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SCALE 1:500 @ A1; 1:1000 @ A3



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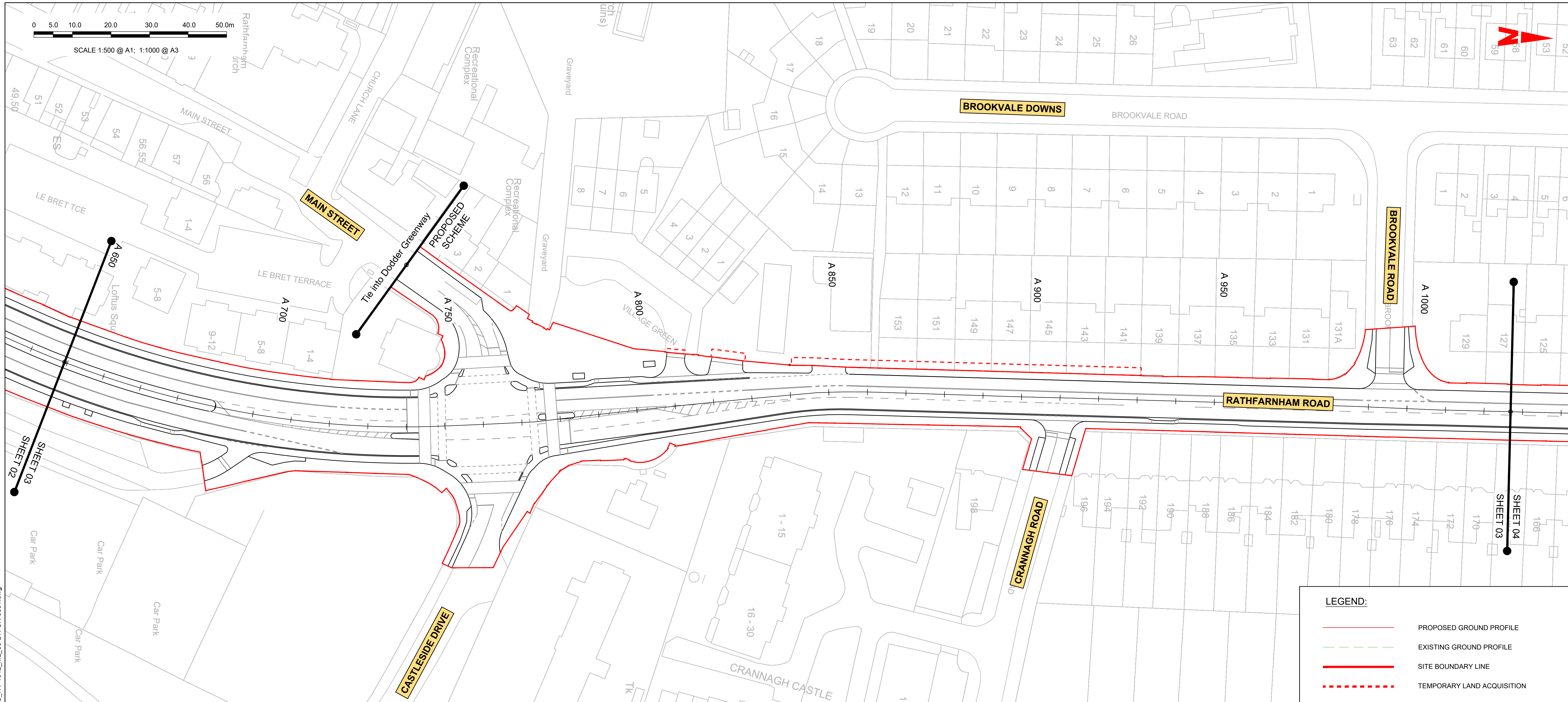
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GEO\_HV-0012\_ML\_01-M3-CR-0001-A01 LONGITUDINAL SECTION  
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|---|---------------------------|---|---------|----------|-----------------------------|-------|-------------|-------------|-----|------------|------|-----|----|-----------------------------|--|--------|--|----------------------|--|--|--|--|--|--|--|------|-------|-------|---------|----------|------------|---------------------------|------|-----|----|--------------|-----------------|----------|--|--|-------|-----|-----------|--|--|---|-----------------|--|--|--|---|--|--|--|---------------|--|--|--|---|--|--|--|-------------------|--------------|--------|-----|--|----------|---|-----|
|   |                           | Rev   | Date    | Drn      | Chk'd                       | App'd | Description |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| M01   | 27/01/2023                | GMtC  | CMG     | DC       | ISSUE FOR PHASE 4: PLANNING |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| Client  |                           | Engineering Designer  |         |          |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| <br>Údarás Náisiúnta Iompair<br>National Transport Authority  |                           |   |         |          |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| Date  | Scale                     | Drawn   | Checked | Approved |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| 27/01/2023  | 1:500 @ A1<br>1:1000 @ A3 | GMtC  | CMG     | DC       |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| Project Code  | Originator Code           | QMS Code  |         |          |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| BCIDC   | ARP                       | 268401-00   |         |          |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| Programme Title   |                           |   |         |          |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| <b>BUSCONNECTS DUBLIN<br/>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>   |                           |   |         |          |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| Drawing Title   |                           |   |         |          |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME<br>MAINLINE PLAN AND PROFILE   |                           |   |         |          |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| Drawing File Name   | Sheet Number              | Status  | Rev     |          |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| BCIDC-ARP-GEO_HV-1022_ML_00-DR-CR-0001  | 02 of 38                  | A   | M01     |          |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| DO NOT SCALE USE FIGURED DIMENSIONS ONLY  |                           |   |         |          |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |





| CHAINAGE | EXISTING LEVELS | PROPOSED LEVELS |
|----------|-----------------|-----------------|
| A 650    | 51.116          | 50.915          |
| A 660    | 50.678          | 50.647          |
| A 670    | 50.395          | 50.377          |
| A 680    | 50.138          | 50.124          |
| A 690    | 49.876          | 49.879          |
| A 700    | 49.640          | 49.653          |
| A 710    | 49.479          | 49.491          |
| A 720    | 49.346          | 49.373          |
| A 730    | 49.245          | 49.255          |
| A 740    | 49.117          | 49.137          |
| A 750    | 48.991          | 49.019          |
| A 760    | 48.874          | 48.912          |
| A 770    | 48.782          | 48.827          |
| A 780    | 48.654          | 48.720          |
| A 790    | 48.496          | 48.590          |
| A 800    | 48.424          | 48.424          |
| A 810    | 48.248          | 48.268          |
| A 820    | 48.078          | 48.111          |
| A 830    | 47.913          | 47.959          |
| A 840    | 47.779          | 47.835          |
| A 850    | 47.637          | 47.737          |
| A 860    | 47.539          | 47.641          |
| A 870    | 47.446          | 47.546          |
| A 880    | 47.339          | 47.450          |
| A 890    | 47.247          | 47.354          |
| A 900    | 47.147          | 47.258          |
| A 910    | 47.084          | 47.163          |
| A 920    | 46.984          | 47.067          |
| A 930    | 46.874          | 46.971          |
| A 940    | 46.774          | 46.863          |
| A 950    | 46.684          | 46.730          |
| A 960    | 46.534          | 46.596          |
| A 970    | 46.398          | 46.438          |
| A 980    | 46.204          | 46.247          |
| A 990    | 45.939          | 46.023          |
| A 1000   | 45.684          | 45.771          |
| A 1010   | 45.414          | 45.517          |
| A 1020   | 45.147          | 45.262          |

GEO\_HV-0012\_ML\_01-M3-CR-0001-A01 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

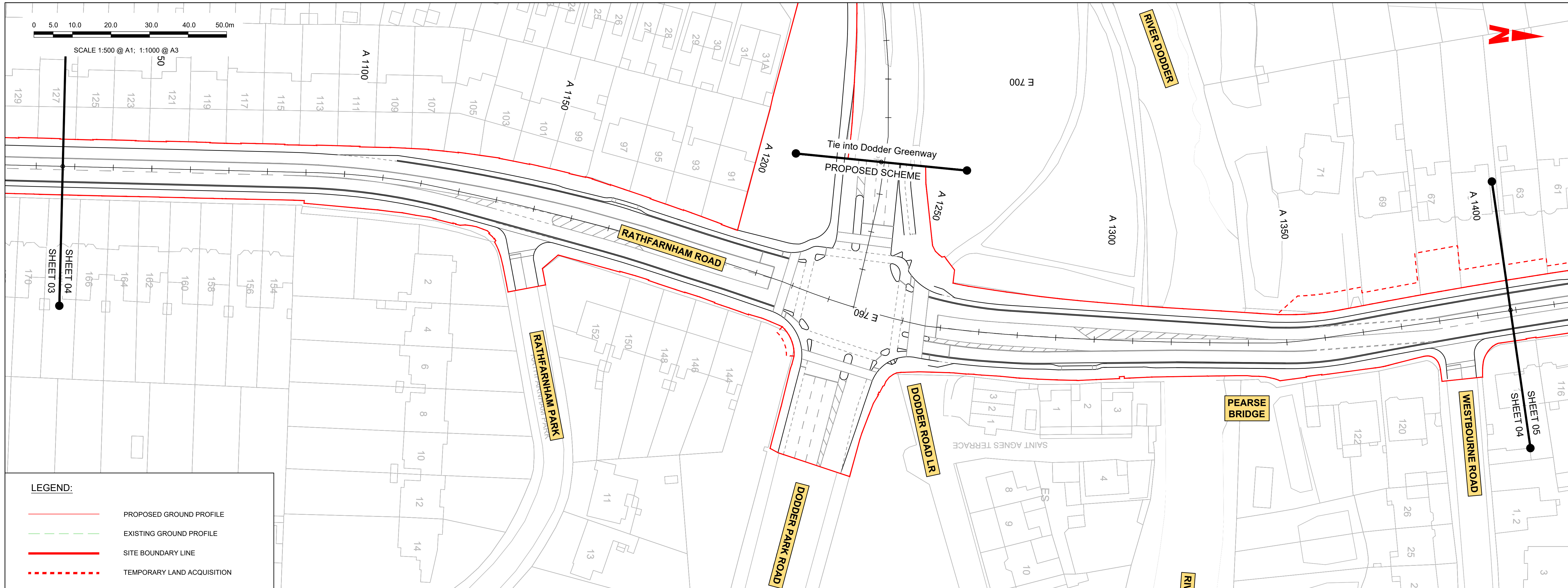
Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

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

Drawing File Name: BCIDC-ARP-GEO\_HV-1032\_ML\_00-DR-CR-0001, Sheet Number: 03 of 38, Status: A, Rev: M01

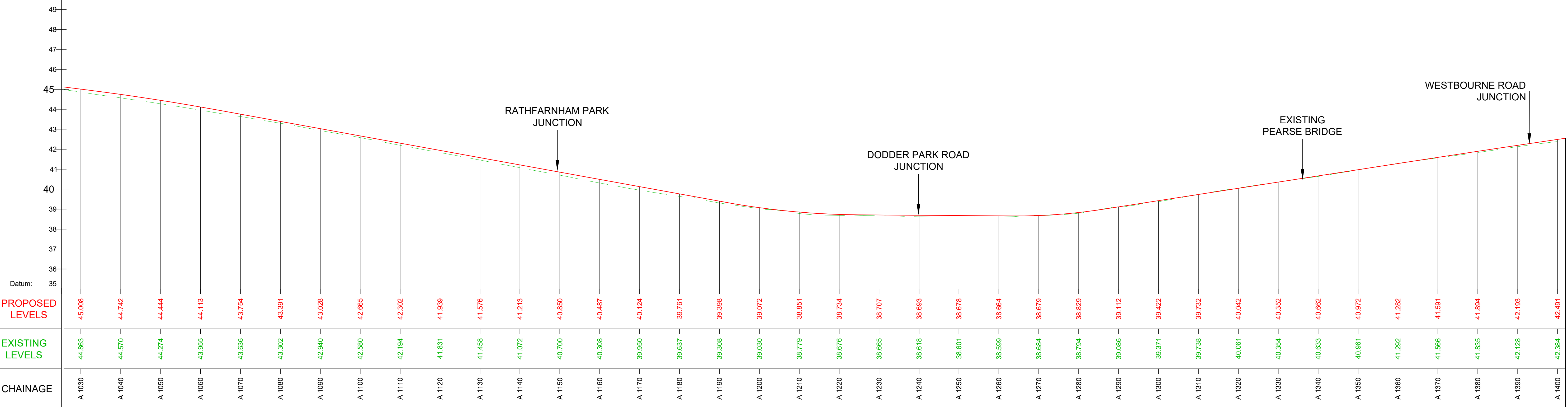
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**LEGEND:**

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



GEO\_HV-0012\_ML\_01-M3-CR-0001-A01 LONGITUDINAL SECTION  
SCALE: H 1:500, V 1:100

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Client: **NTA**  
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National Transport Authority

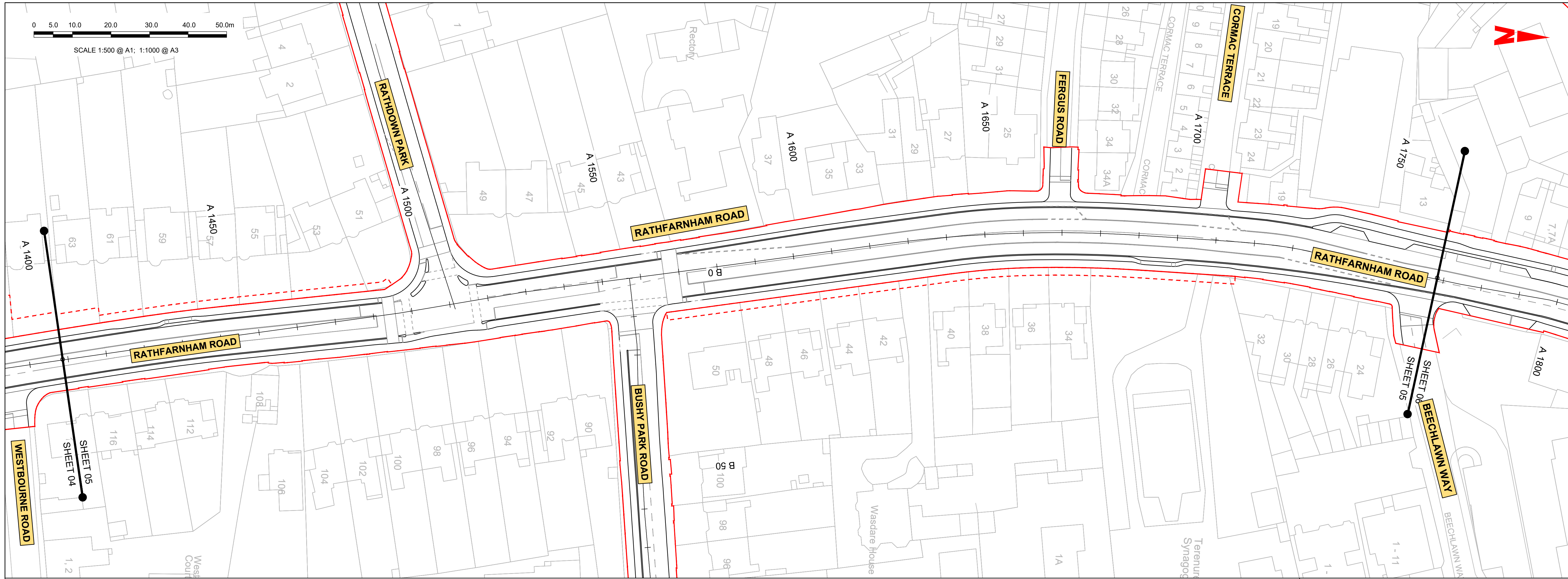
Engineering Designer: **ARUP**

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: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>                        |                        |           |          |
| Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE |                        |           |          |
| Drawing File Name: BCIDC-ARP-GEO_HV-1042_ML_00-DR-CR-0001   | Sheet Number: 04 of 38 | Status: A | Rev: M01 |





GEO\_HV-0012\_ML\_01-M3-CR-0001-A01 LONGITUDINAL SECTION  
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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

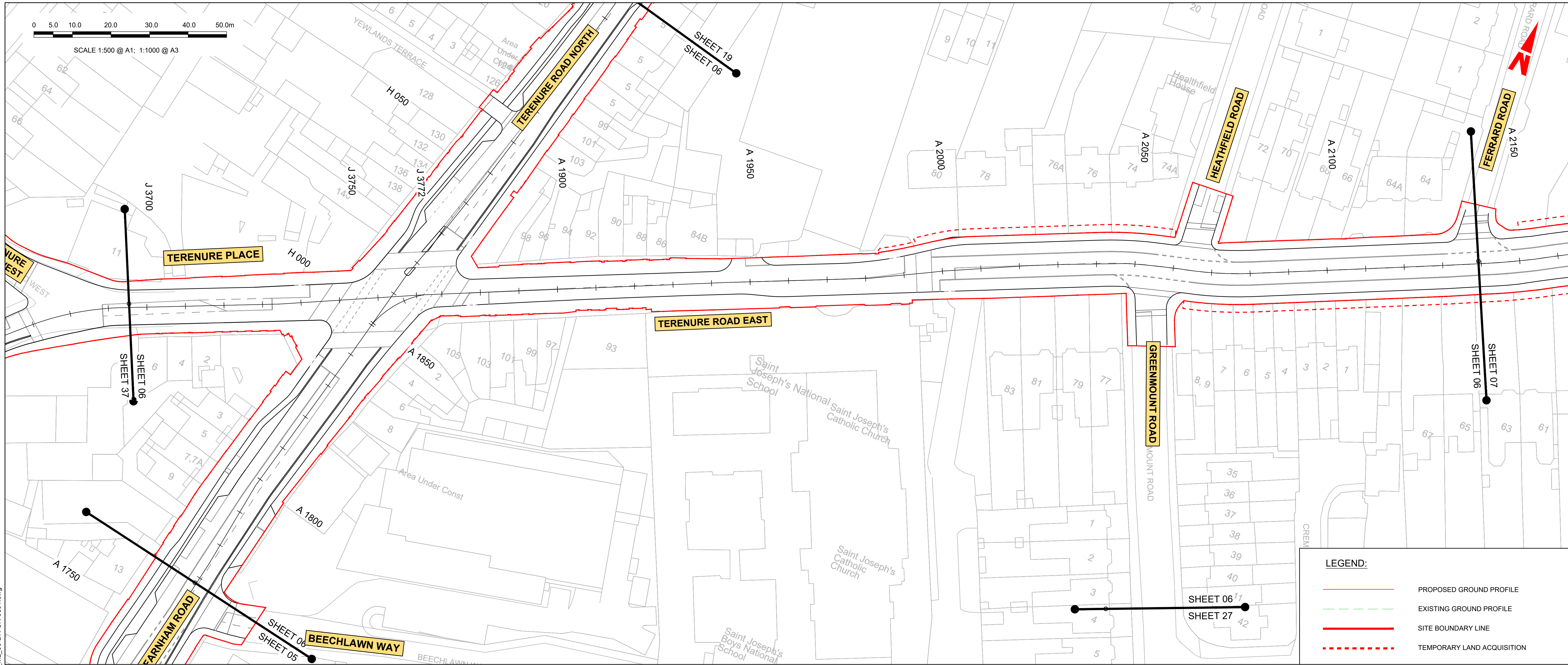
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Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

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

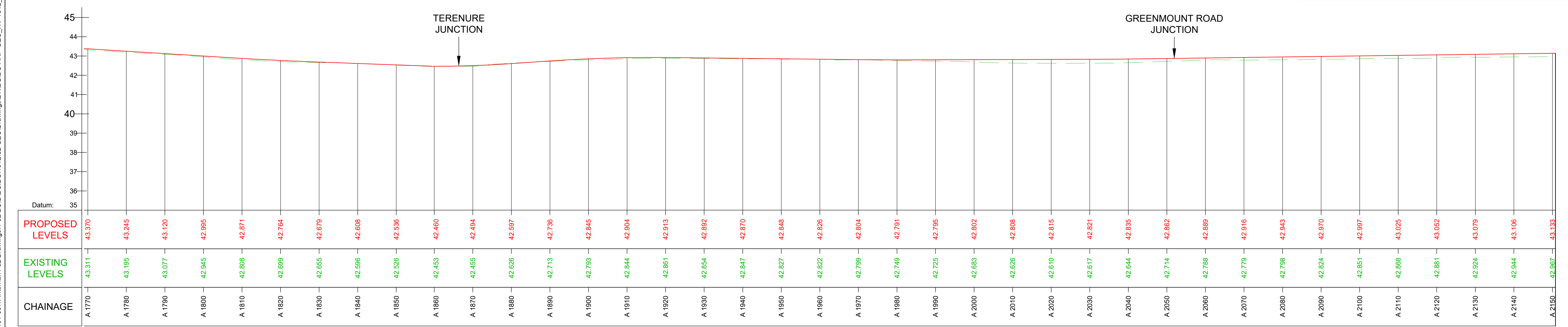
Drawing File Name: BCIDC-ARP-GEO\_HV-1052\_ML\_00-DR-CR-0001 | Sheet Number: 05 of 38 | Status: A | Rev: M01





**LEGEND:**

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



GEO\_HV-0012\_ML\_01-M3-CR-0001-A01 LONGITUDINAL SECTION  
SCALE: H 1:500, V 1:100

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  | GMcT  | CMG                       | DC   | ISSUE FOR PHASE 4: PLANNING |       |             |             |     |            |      |     |    |                             |   |        |  |  |  |      |            |       |                           |              |       |                 |     |  |                      |  |  |  |       |      |         |     |          |    |  |  |  |                 |   |  |  |               |   |  |  |                   |  |              |          |        |   |     |     |
| Client  |   |   |                           |      |                             |       |             |             |     |            |      |     |    |                             |   |        |  |  |  |      |            |       |                           |              |       |                 |     |  |                      |  |  |  |       |      |         |     |          |    |  |  |  |                 |   |  |  |               |   |  |  |                   |  |              |          |        |   |     |     |
| Date  | 27/01/2023  | Scale   | 1:500 @ A1<br>1:1000 @ A3 |      |                             |       |             |             |     |            |      |     |    |                             |   |        |  |  |  |      |            |       |                           |              |       |                 |     |  |                      |  |  |  |       |      |         |     |          |    |  |  |  |                 |   |  |  |               |   |  |  |                   |  |              |          |        |   |     |     |
| Project Code  | BCIDC   | Originator Code   | ARP                       |      |                             |       |             |             |     |            |      |     |    |                             |   |        |  |  |  |      |            |       |                           |              |       |                 |     |  |                      |  |  |  |       |      |         |     |          |    |  |  |  |                 |   |  |  |               |   |  |  |                   |  |              |          |        |   |     |     |
| Engineering Designer  |   |   |                           |      |                             |       |             |             |     |            |      |     |    |                             |   |        |  |  |  |      |            |       |                           |              |       |                 |     |  |                      |  |  |  |       |      |         |     |          |    |  |  |  |                 |   |  |  |               |   |  |  |                   |  |              |          |        |   |     |     |
| Drawn   | GMcT  | Checked   | CMG                       |      |                             |       |             |             |     |            |      |     |    |                             |   |        |  |  |  |      |            |       |                           |              |       |                 |     |  |                      |  |  |  |       |      |         |     |          |    |  |  |  |                 |   |  |  |               |   |  |  |                   |  |              |          |        |   |     |     |
| Approved  | DC  |   |                           |      |                             |       |             |             |     |            |      |     |    |                             |   |        |  |  |  |      |            |       |                           |              |       |                 |     |  |                      |  |  |  |       |      |         |     |          |    |  |  |  |                 |   |  |  |               |   |  |  |                   |  |              |          |        |   |     |     |
| Programme Title   | <b>BUSCONNECTS DUBLIN<br/>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>                         |   |                           |      |                             |       |             |             |     |            |      |     |    |                             |   |        |  |  |  |      |            |       |                           |              |       |                 |     |  |                      |  |  |  |       |      |         |     |          |    |  |  |  |                 |   |  |  |               |   |  |  |                   |  |              |          |        |   |     |     |
| Drawing Title   | TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME<br>MAINLINE PLAN AND PROFILE |   |                           |      |                             |       |             |             |     |            |      |     |    |                             |   |        |  |  |  |      |            |       |                           |              |       |                 |     |  |                      |  |  |  |       |      |         |     |          |    |  |  |  |                 |   |  |  |               |   |  |  |                   |  |              |          |        |   |     |     |
| Drawing File Name   | BCIDC-ARP-GEO_HV-1062_ML_00-DR-CR-0001  | Sheet Number  | 06 of 38                  |      |                             |       |             |             |     |            |      |     |    |                             |   |        |  |  |  |      |            |       |                           |              |       |                 |     |  |                      |  |  |  |       |      |         |     |          |    |  |  |  |                 |   |  |  |               |   |  |  |                   |  |              |          |        |   |     |     |
| Status  | A   | Rev   | M01                       |      |                             |       |             |             |     |            |      |     |    |                             |   |        |  |  |  |      |            |       |                           |              |       |                 |     |  |                      |  |  |  |       |      |         |     |          |    |  |  |  |                 |   |  |  |               |   |  |  |                   |  |              |          |        |   |     |     |
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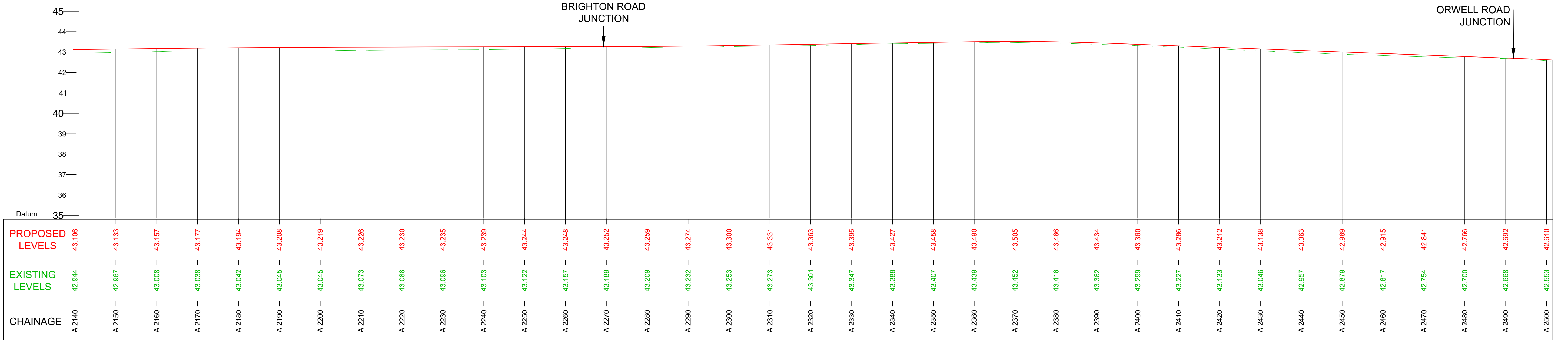
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SCALE 1:500 @ A1; 1:1000 @ A3



**LEGEND:**

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



GEO\_HV-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 |

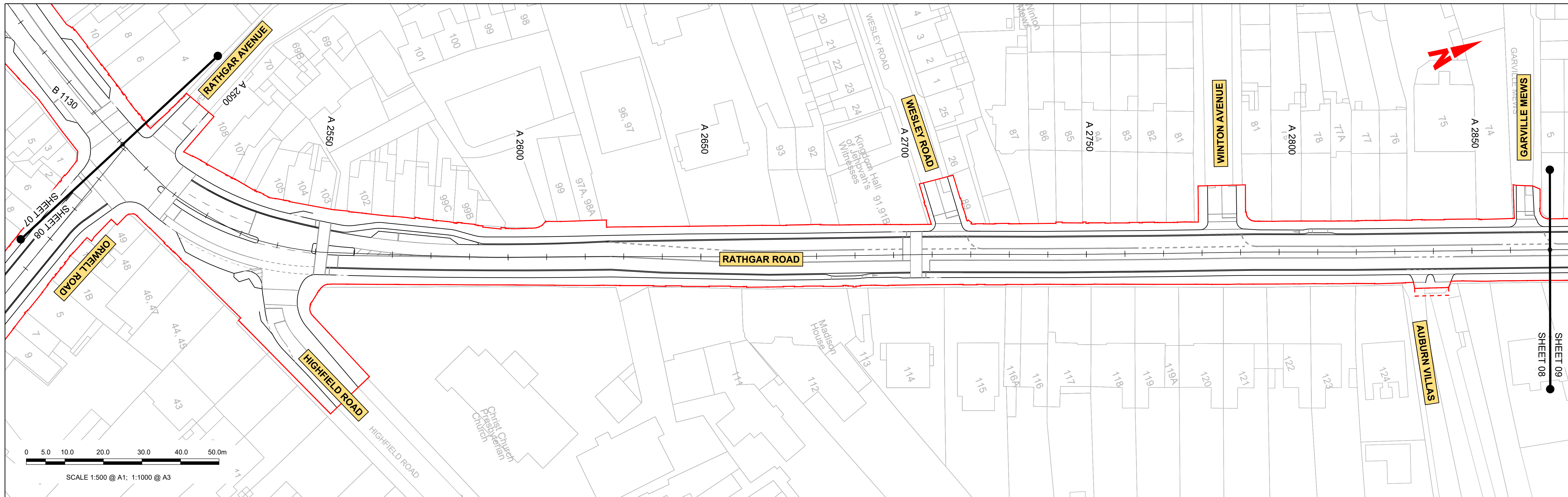
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| <br>Date: 27/01/2023                        |  | Scale: 1:500 @ A1<br>1:1000 @ A3                  |  | Drawn: GMt<br>Checked: CMG<br>Approved: DC |  |
| Project Code: BCIDC<br>Originator Code: ARP |  | Engineering Designer: ARUP<br>QMS Code: 268401-00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

|   |                        |           |          |
|---|------------------------|-----------|----------|
| Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>                        |                        |           |          |
| 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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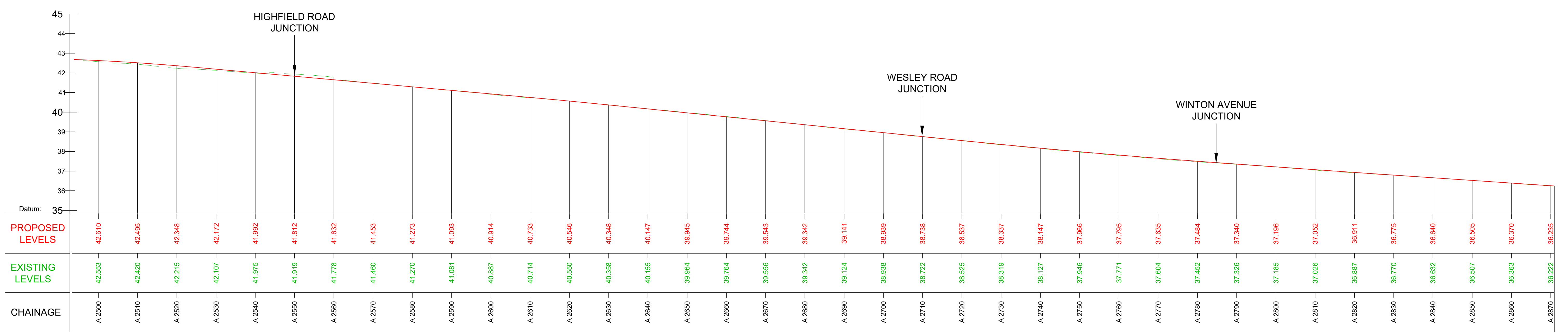
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**LEGEND:**

- 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 | 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

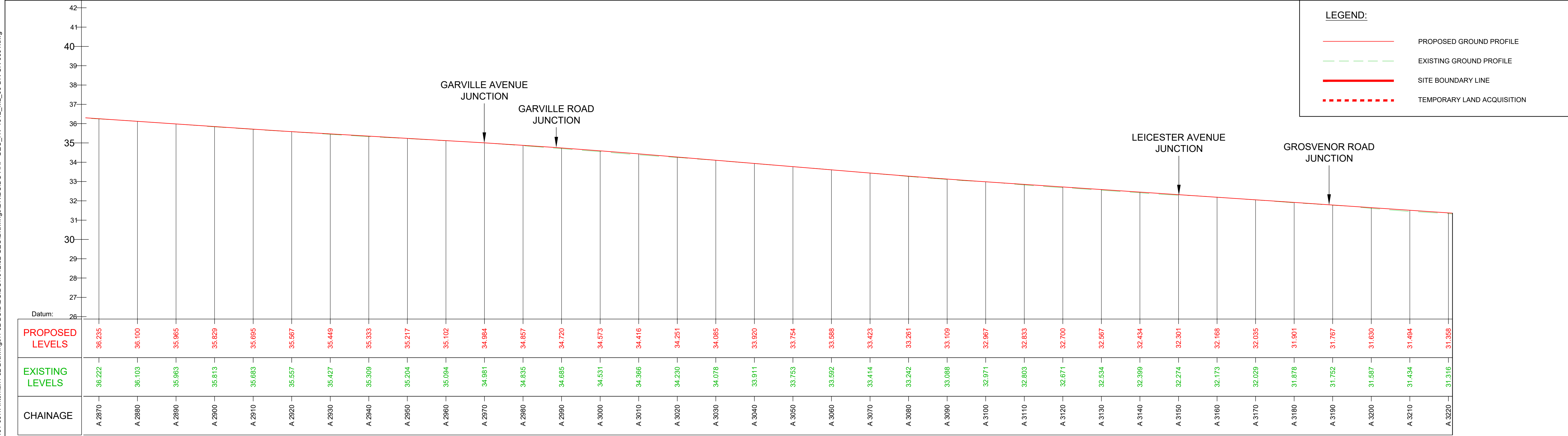
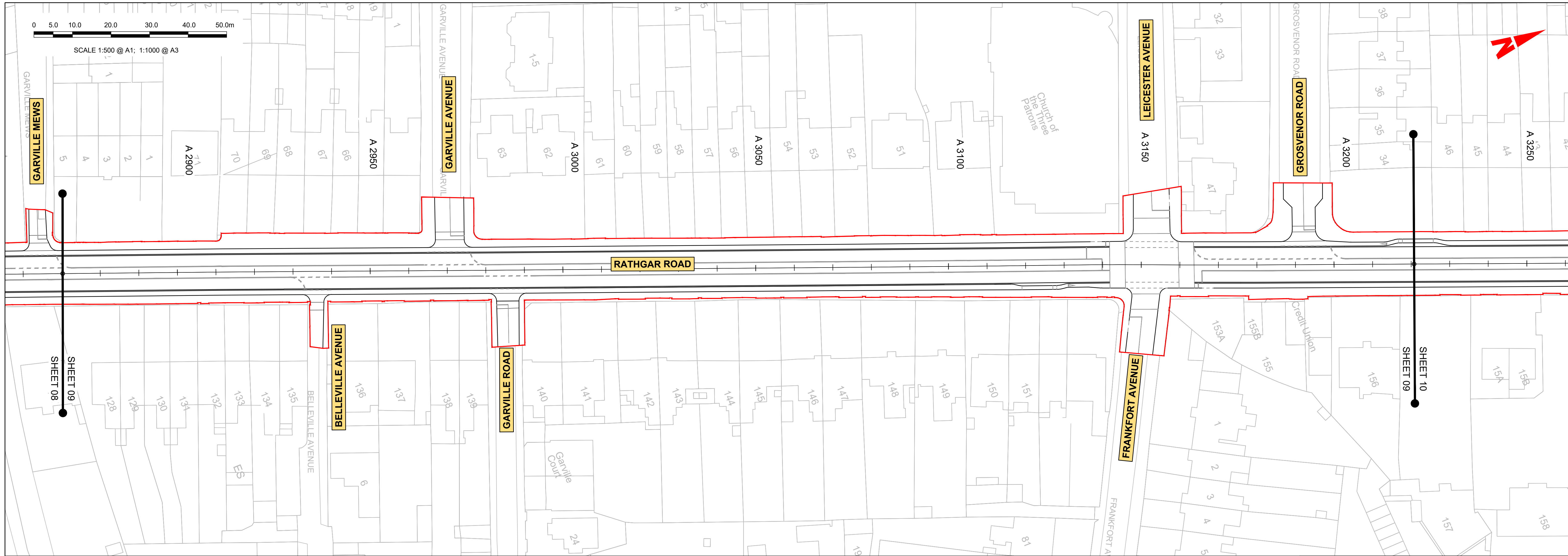
Project Code: BCIDC | Originator Code: ARP | QMS Code: 268401-00

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-1082\_ML\_00-DR-CR-0001 | Sheet Number: 08 of 38 | Status: A | Rev: M01





**LEGEND:**

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

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

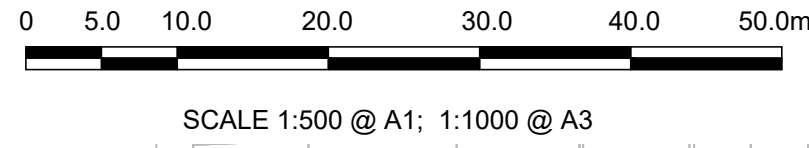
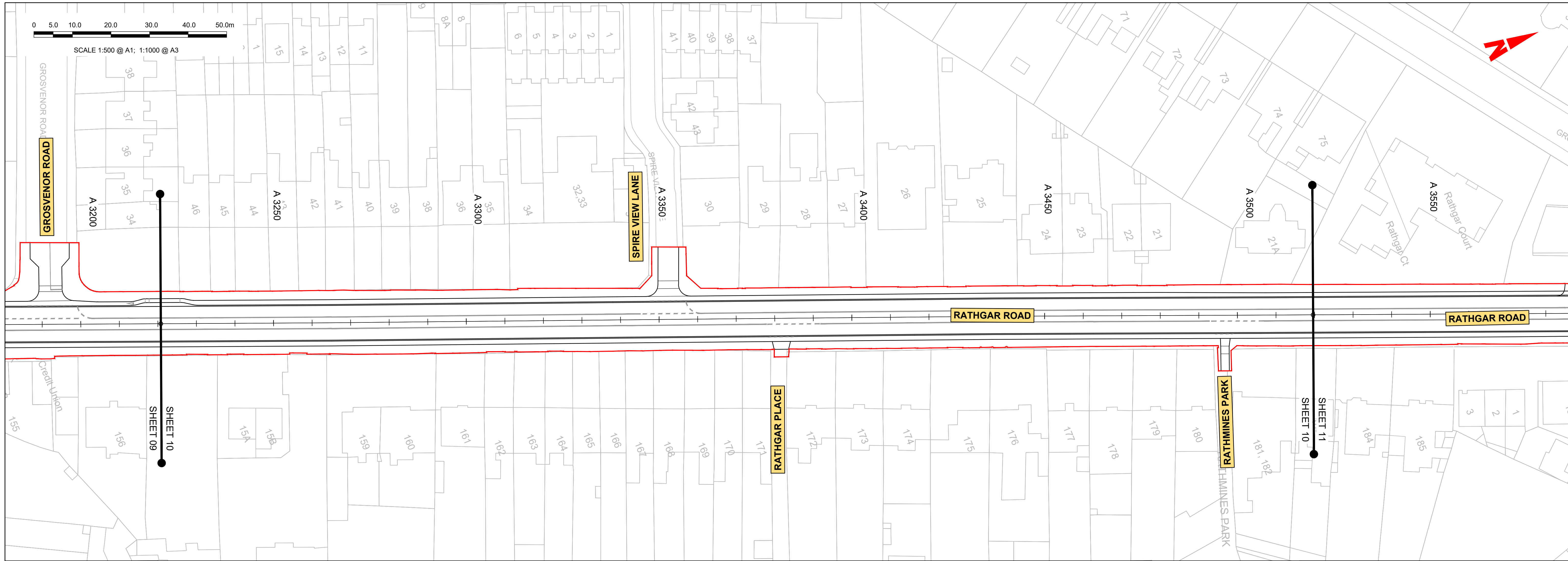
Engineering Designer: **ARUP**

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: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>                        |                        |           |          |
| 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 |



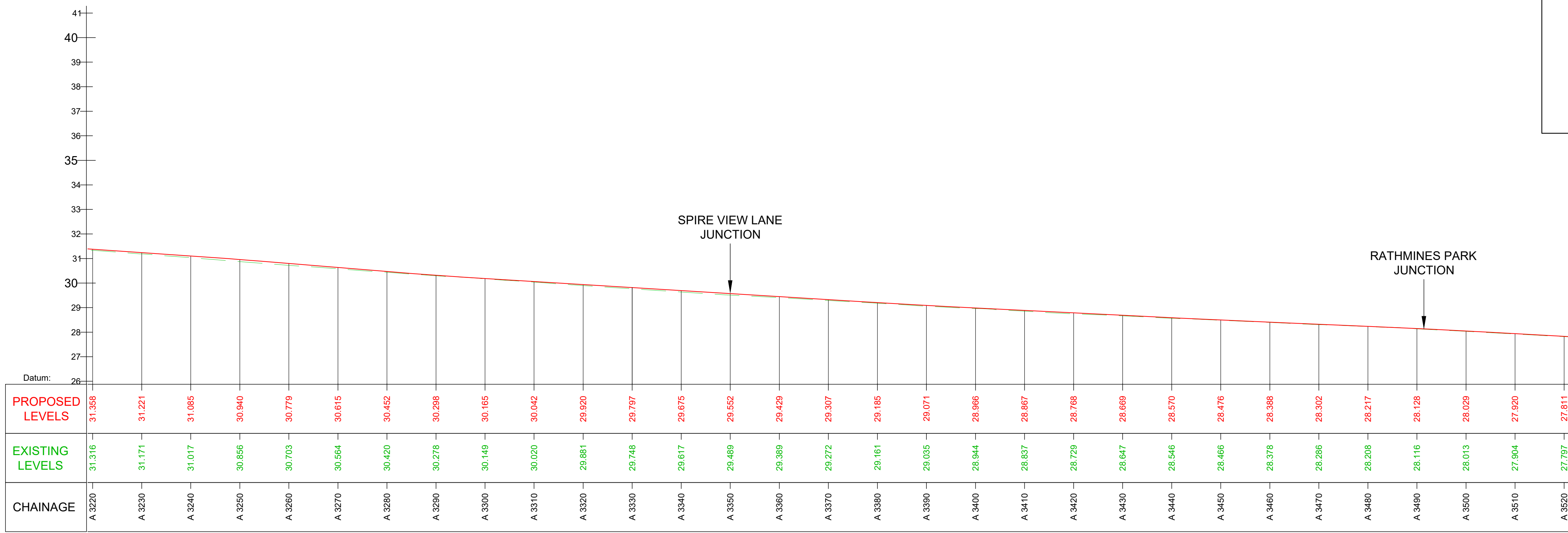


SCALE 1:500 @ A1; 1:1000 @ A3



**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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|-----|------------|------|-------|-------|-----------------------------|
| 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**

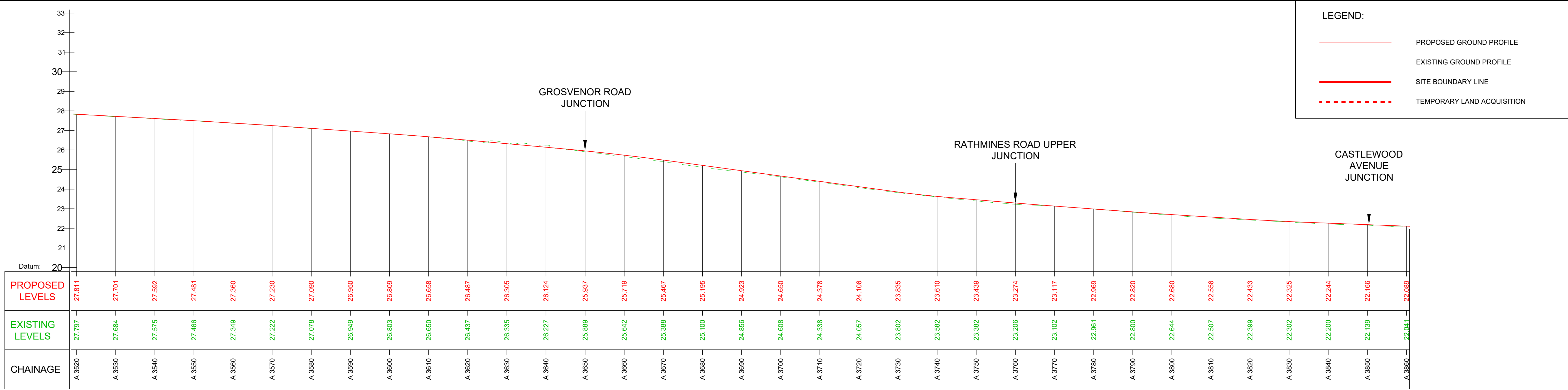
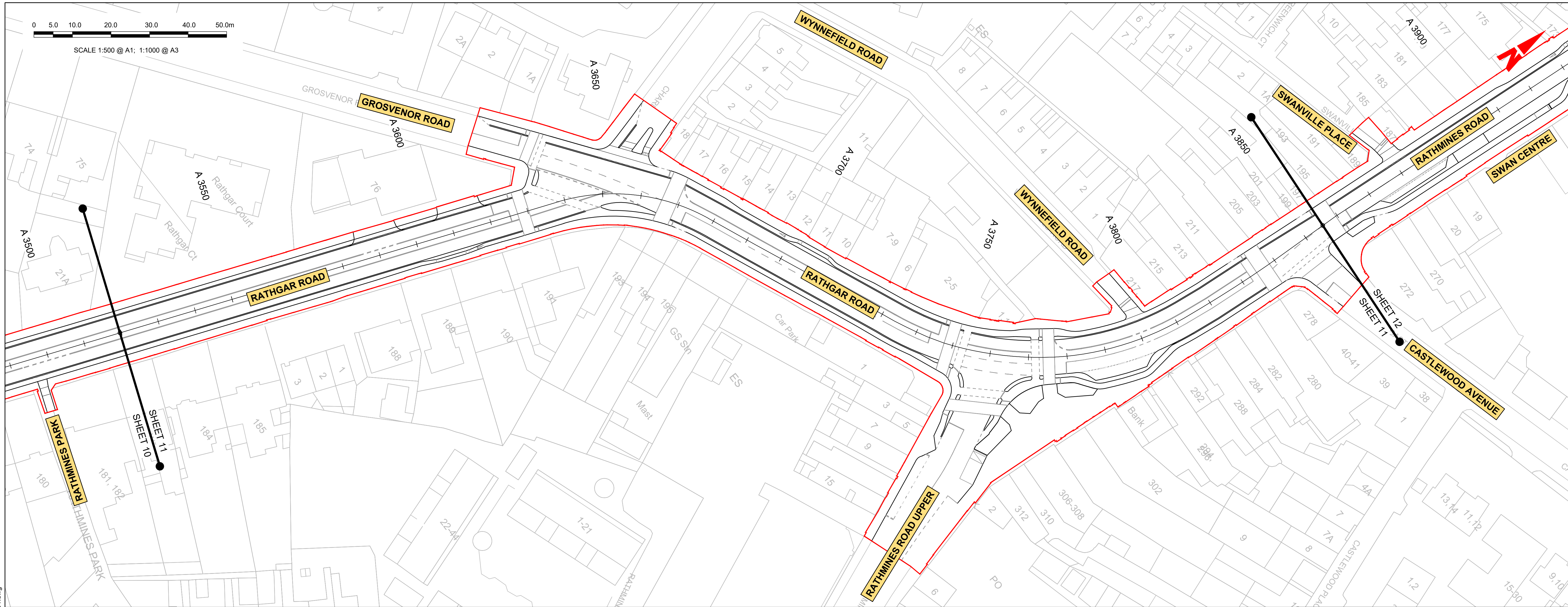
Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE

Drawing File Name: BCIDC-ARP-GEO\_HV-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  
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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

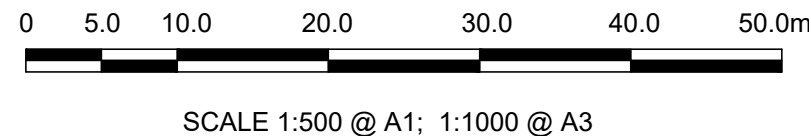
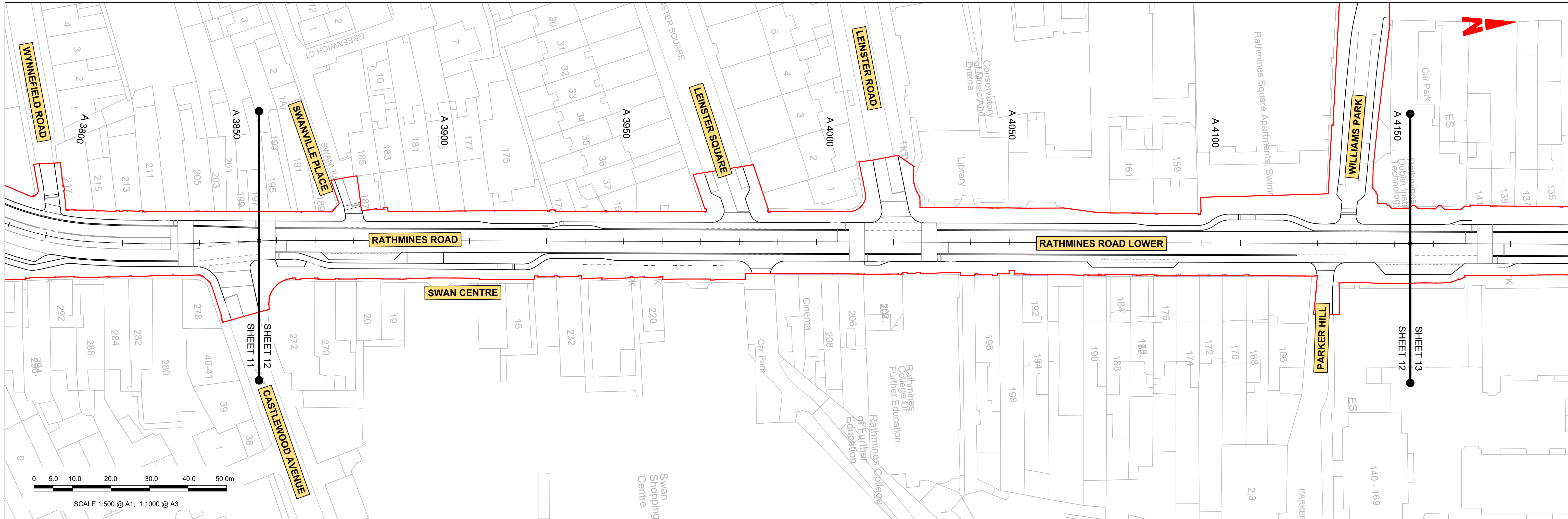
Project Code: BCIDC | Originator Code: ARP | QMS Code: 268401-00

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

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

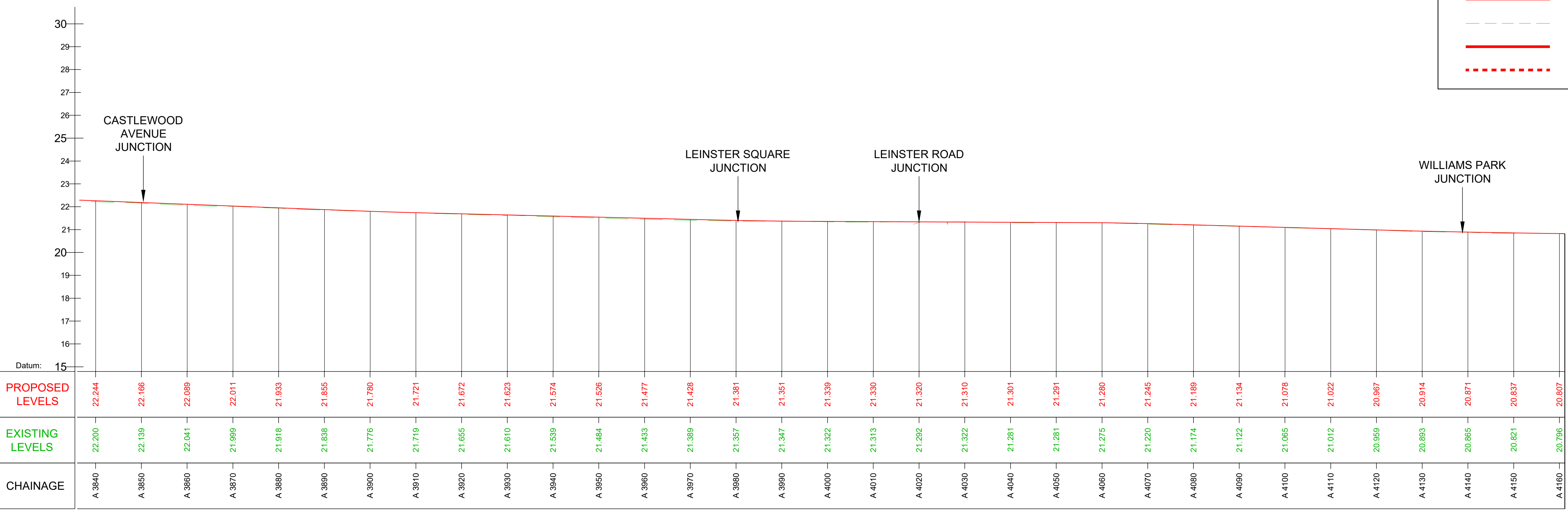
Drawing File Name: BCIDC-ARP-GEO\_HV-1112\_ML\_00-DR-CR-0001 | Sheet Number: 11 of 38 | Status: A | Rev: M01





**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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|-----|------------|------|-------|-------|-----------------------------|
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Client: **NTA**  
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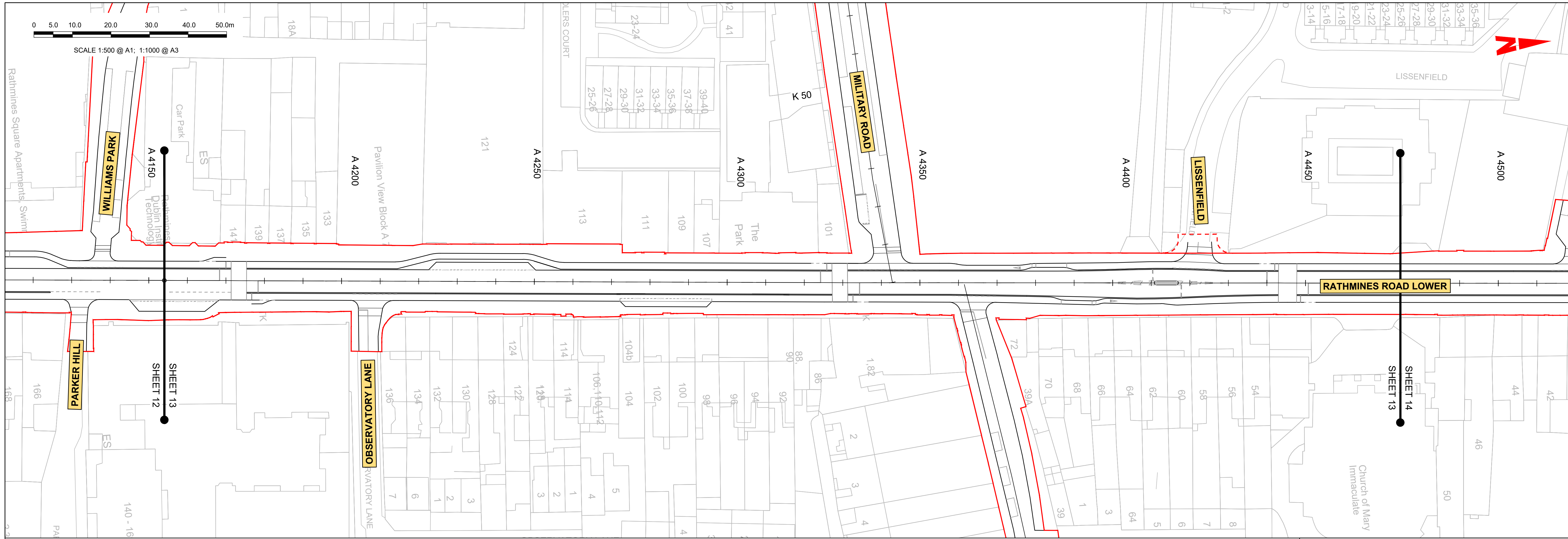
Engineering Designer: **ARUP**

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

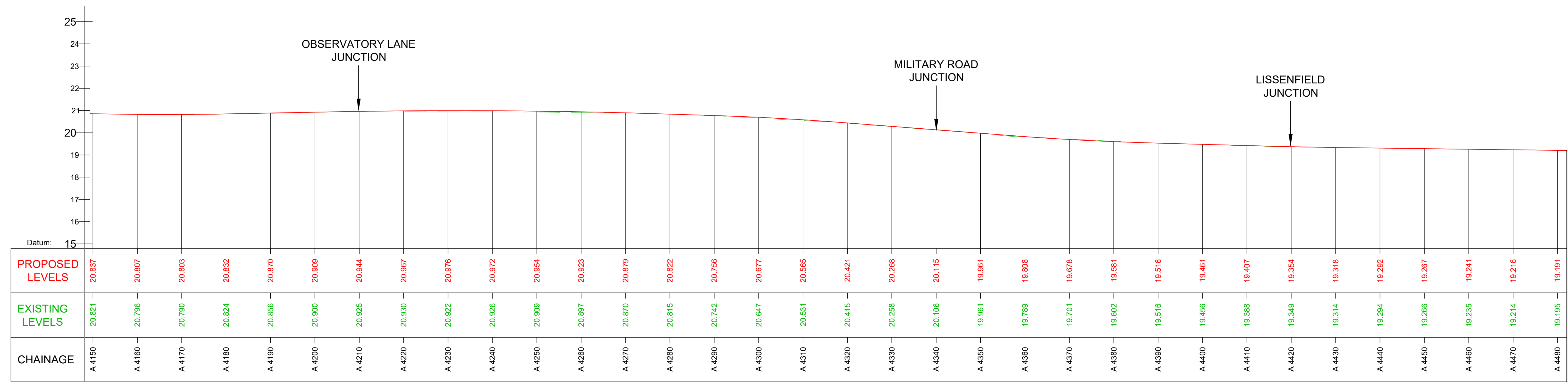
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| Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>                        |                        |           |          |
| Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE 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 |





**LEGEND:**

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



GEO\_HV-0012\_ML\_01-M3-CR-0001-A02 LONGITUDINAL SECTION  
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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

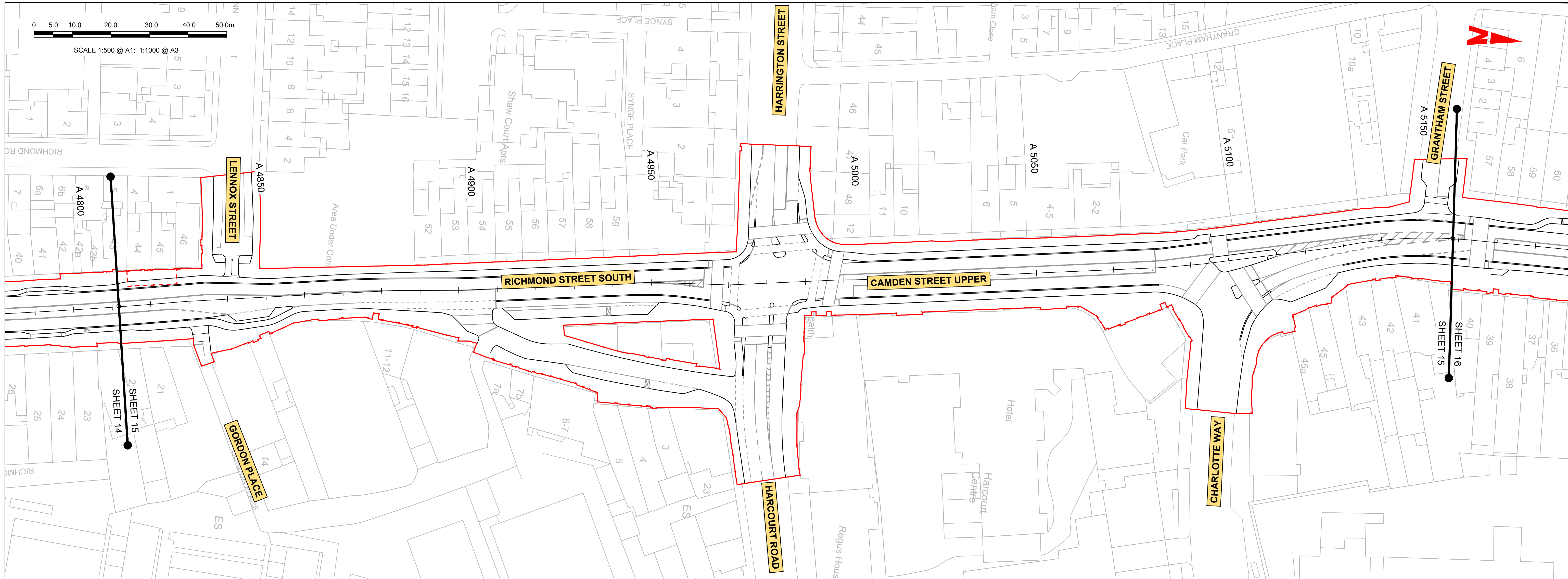
Status  
A

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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**Client**  
**NTA**  
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 National Transport Authority

**Engineering Designer**  
**ARUP**

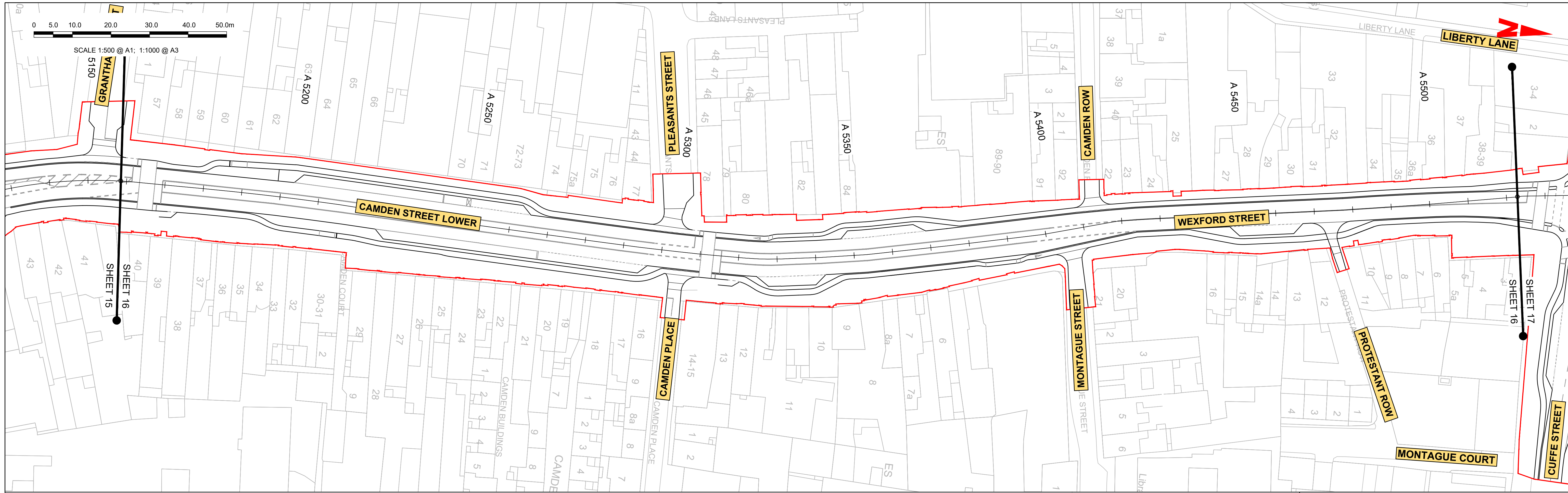
**Programme Title**  
**BUSCONNECTS DUBLIN**  
**CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

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

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

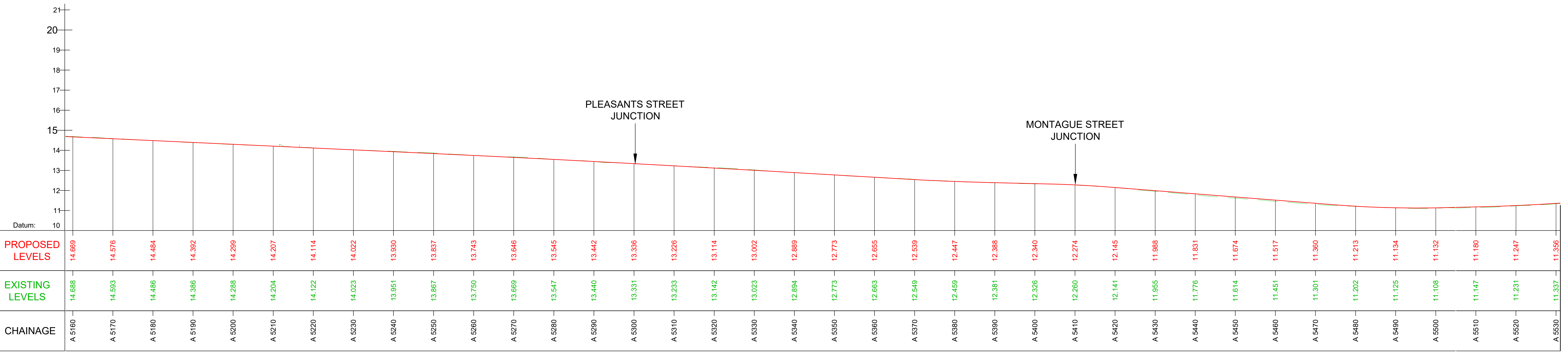
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| Drawing File Name | BCIDC-ARP-GEO_HV-1152_ML_00-DR-CR-0001 | Sheet Number | 15 of 38 | Status | A | Rev | M01 |
|-------------------|--|--------------|----------|--------|---|-----|-----|





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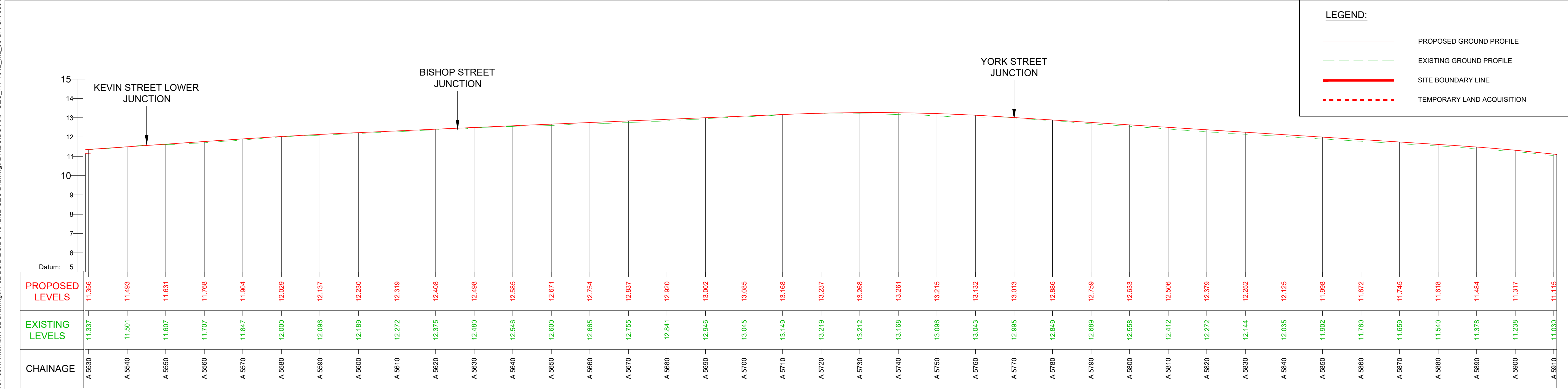
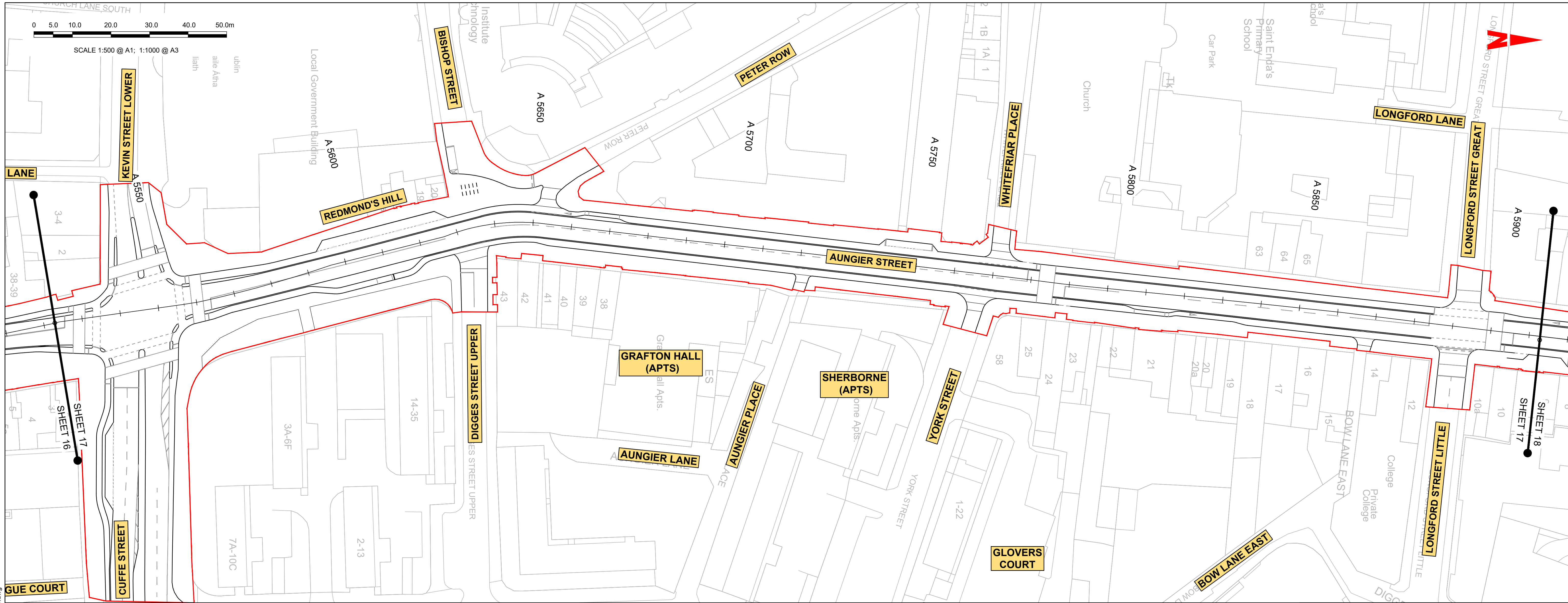
| Rev | Date       | Drn  | Chk'd | App'd | Description                 |
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| M01 | 27/01/2023 | GMcT | CMG   | DC    | ISSUE FOR PHASE 4: PLANNING |

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

Engineering Designer  
**ARUP**

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





GEO\_HV-0012\_ML\_01-M3-CR-001-A03 LONGITUDINAL SECTION  
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**ARUP**

Client: **NTA**  
Engineering Designer: **ARUP**

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

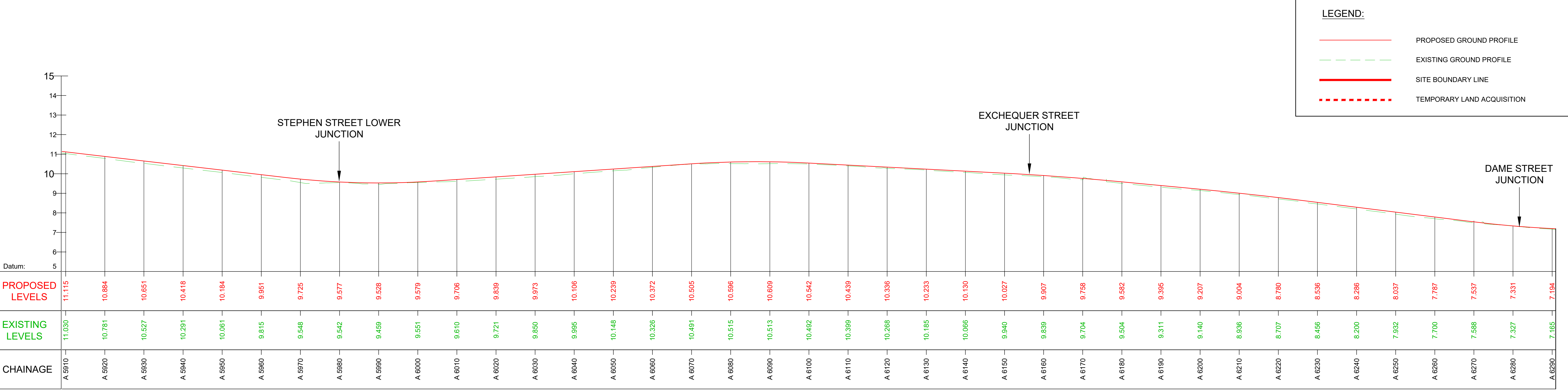
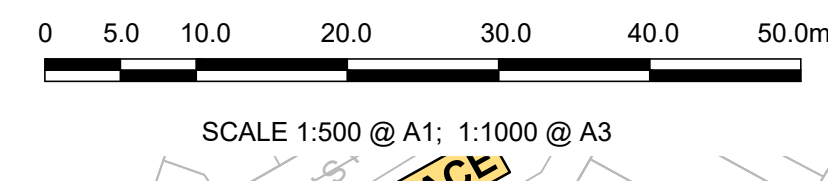
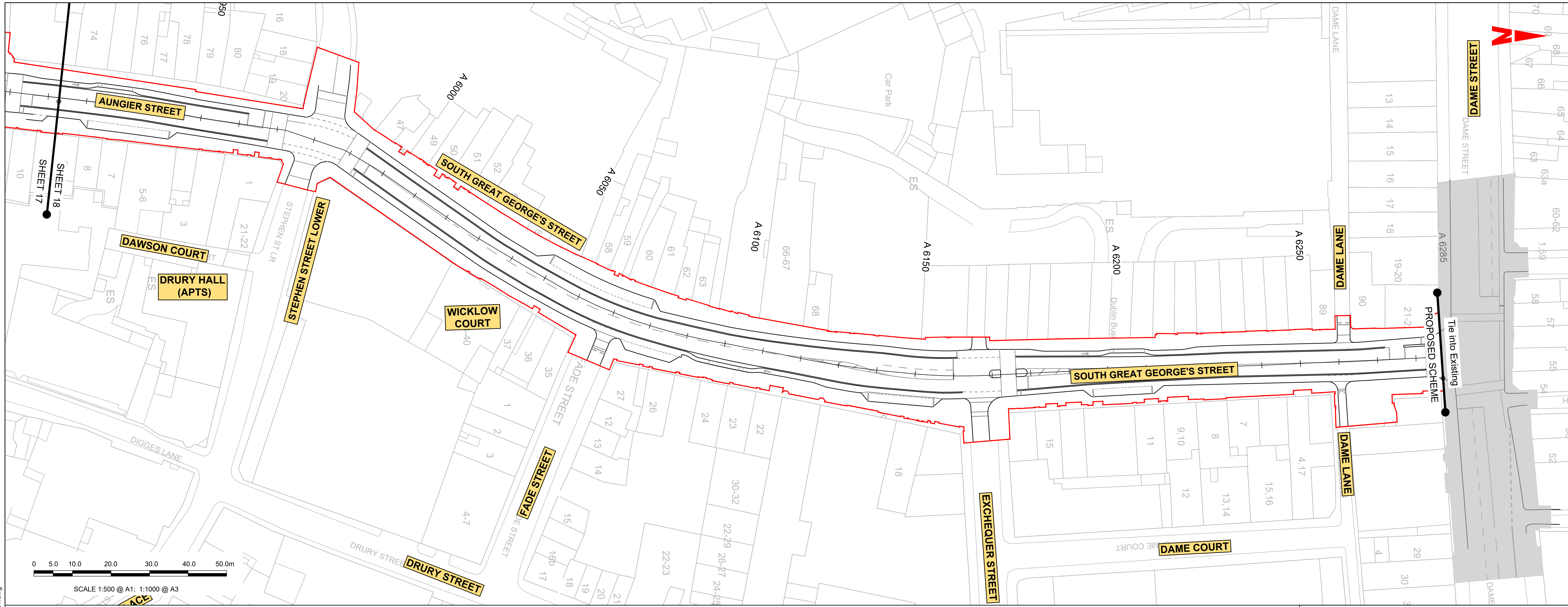
Project Code: BCIDC, Originator Code: ARP, QMS Code: 268401-00

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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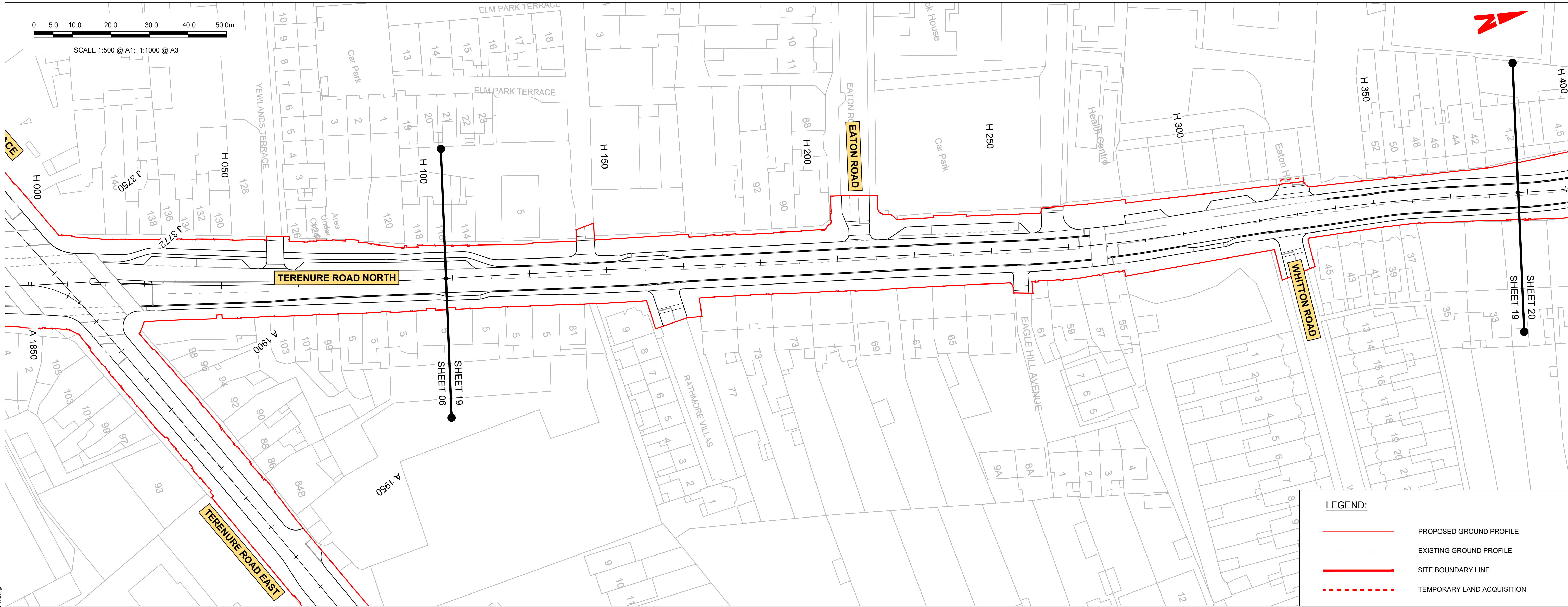
Engineering Designer: **ARUP**

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

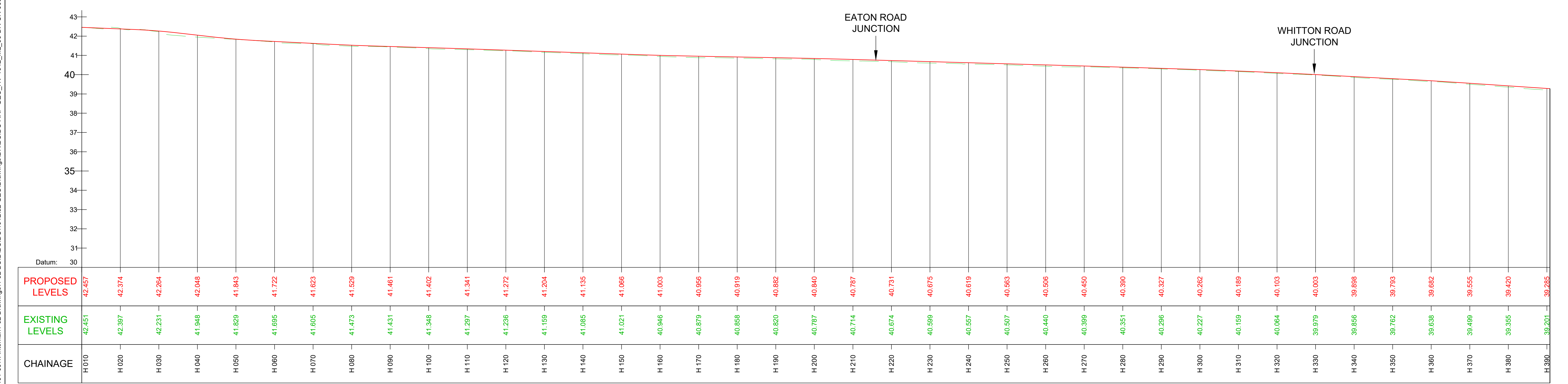
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| Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>                               |                        |           |          |
| Drawing Title: <b>TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE</b> |                        |           |          |
| 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



GEO\_HV-0012\_ML\_01-M3-CR-0001-A04 LONGITUDINAL SECTION  
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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**

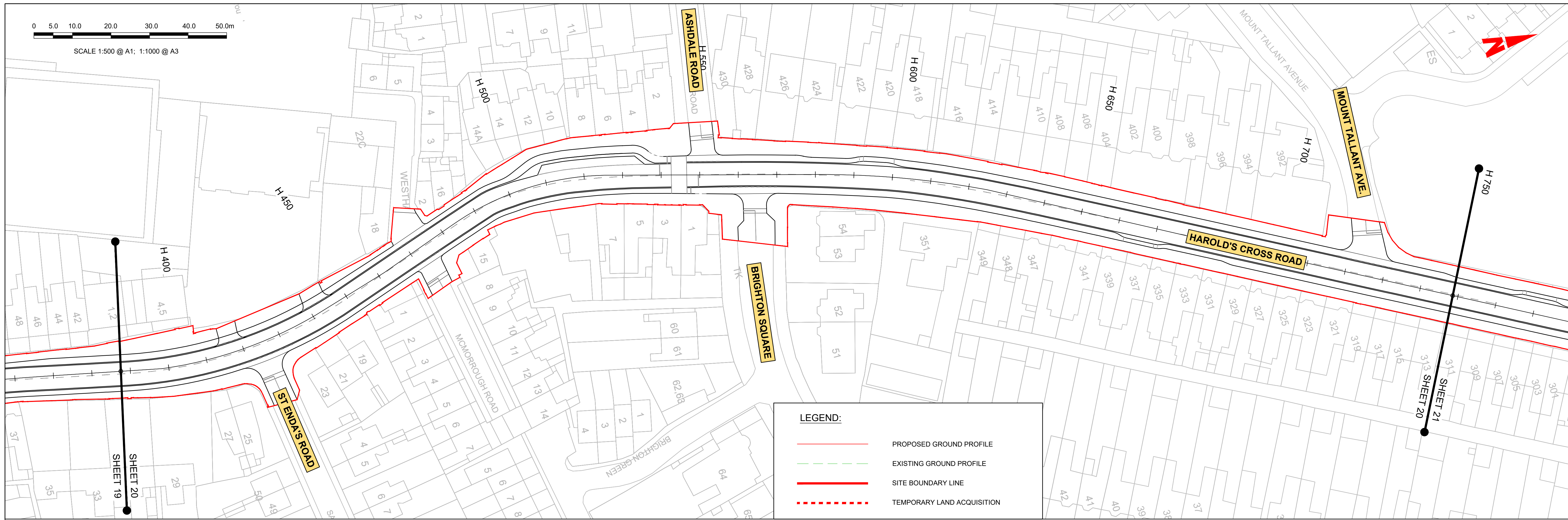
Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE

|   |                        |           |          |
|---|------------------------|-----------|----------|
| Drawing File Name: BCIDC-ARP-GEO_HV-1192_ML_00-DR-CR-0001 | Sheet Number: 19 of 38 | Status: A | Rev: M01 |
|---|------------------------|-----------|----------|



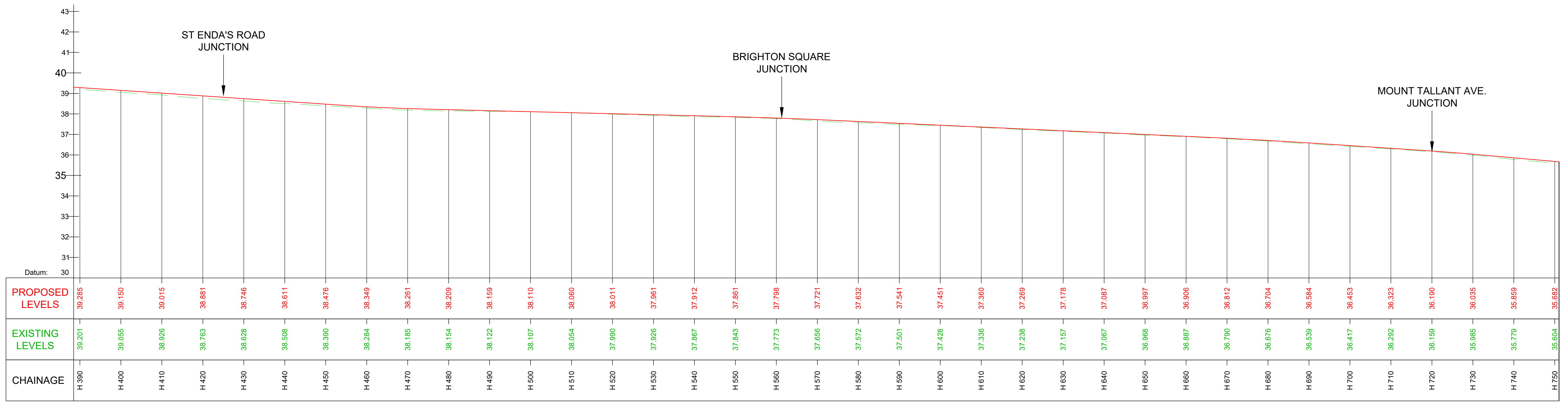


SCALE 1:500 @ A1; 1:1000 @ A3



**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**

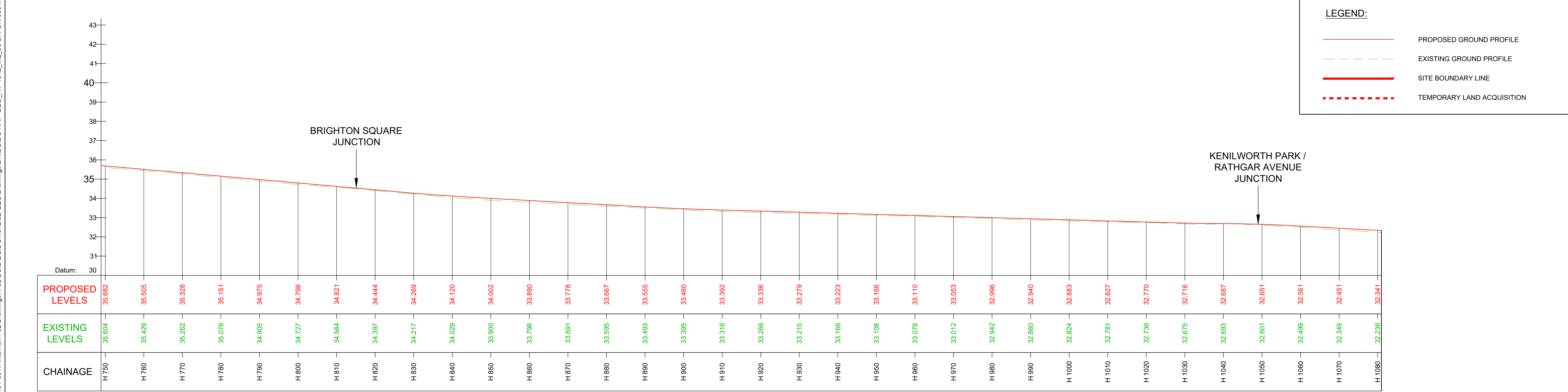
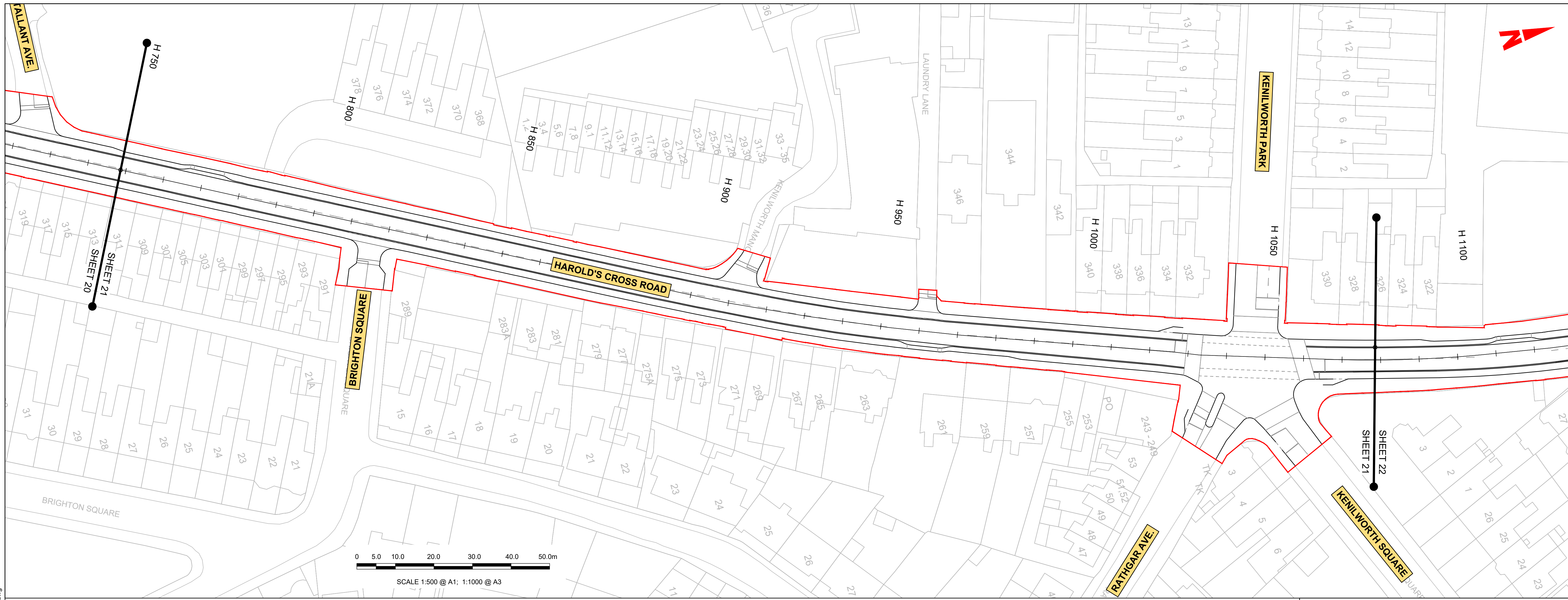
Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE

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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**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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|-----|------------|-----|-------|-------|-----------------------------|
| 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**

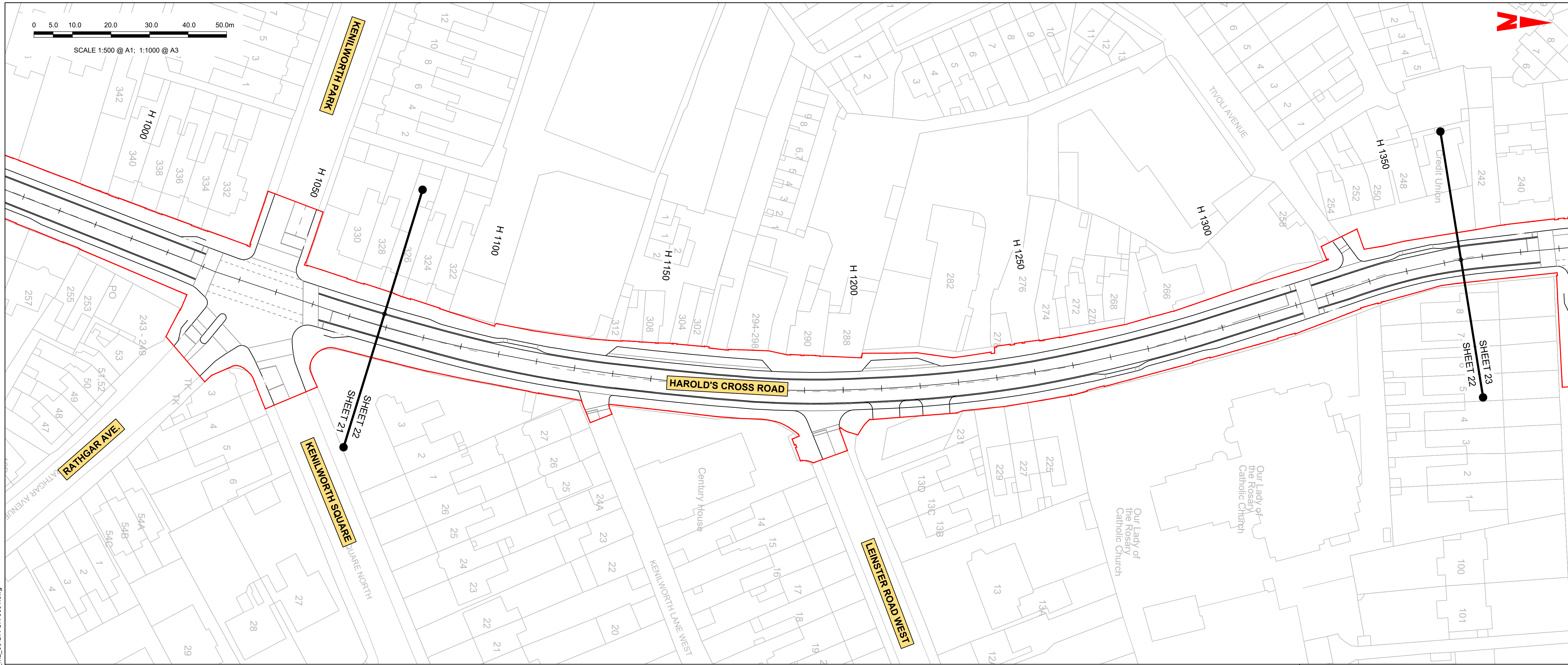
Drawing Title: **TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE**

|   |                        |           |          |
|---|------------------------|-----------|----------|
| Drawing File Name: BCIDC-ARP-GEO_HV-1212_ML_00-DR-CR-0001 | Sheet Number: 21 of 38 | Status: A | Rev: M01 |
|---|------------------------|-----------|----------|



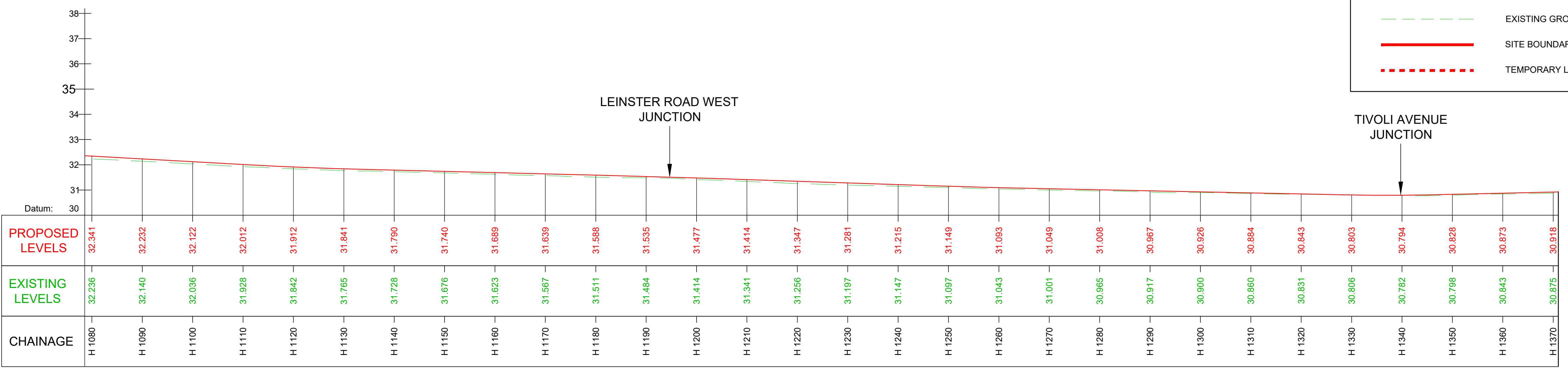
0 50 100 200 300 400 500m

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



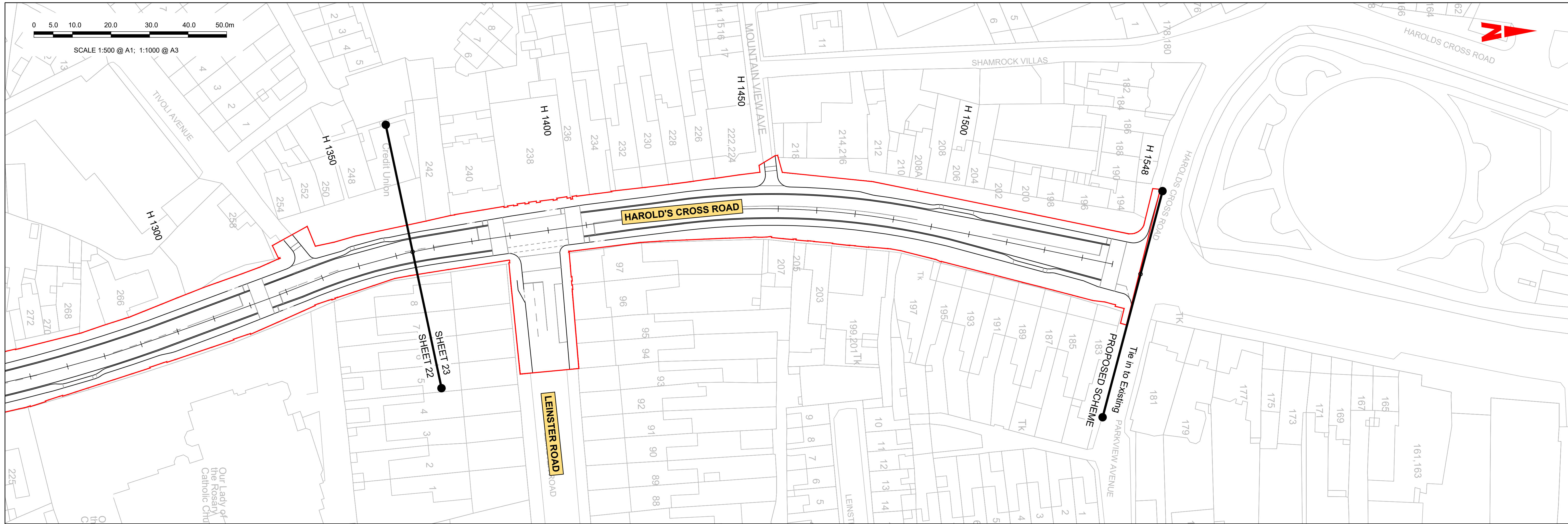
|                      |  |                                 |
|----------------------|--|---------------------------------|
| Client               | NTA<br>Údaráis Náisiúnta Iompair<br>National Transport Authority |                                 |
| Date                 | 27/01/2023   | Scale 1:500 @ A1<br>1:1000 @ A3 |
| Project Code         | BCIDC  | Originator Code ARP             |
| Engineering Designer | ARUP   |                                 |
| Drawn                | GMt  | Checked CMG                     |
| Approved             | DC   |                                 |
| QMS Code             | 268401-00  |                                 |

|  |  |              |          |
|--|--|--------------|----------|
| Programme Title<br><b>BUSCONNECTS DUBLIN<br/>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>                       |  |              |          |
| Drawing Title<br>TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME<br>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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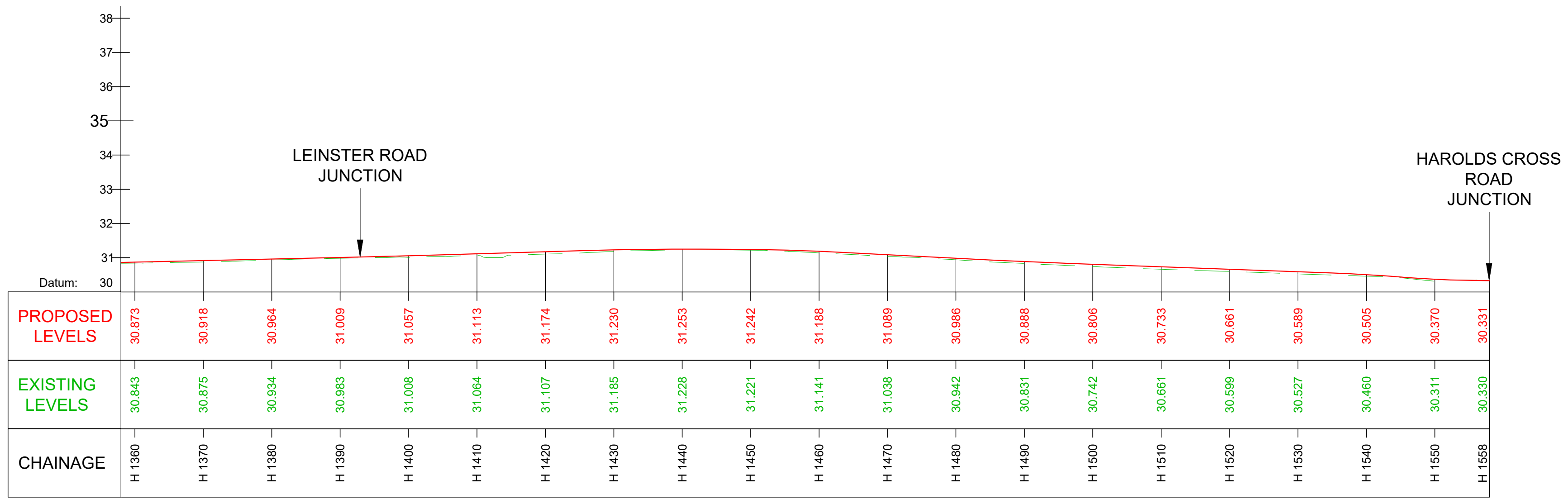
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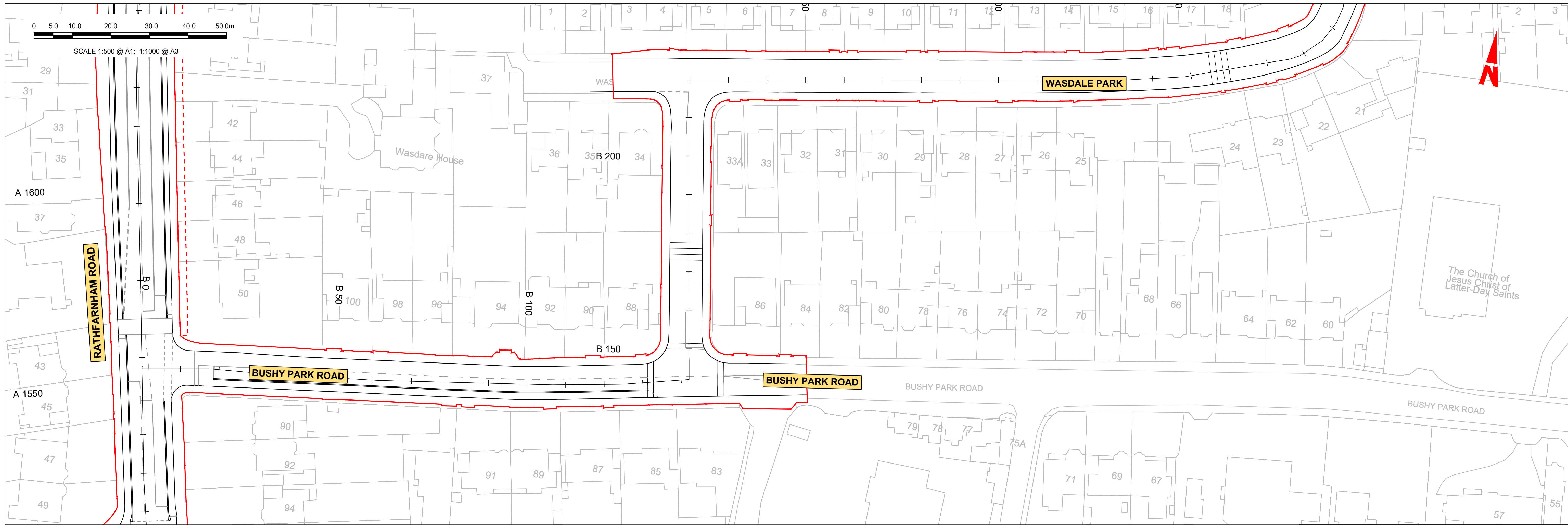


**LEGEND:**

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

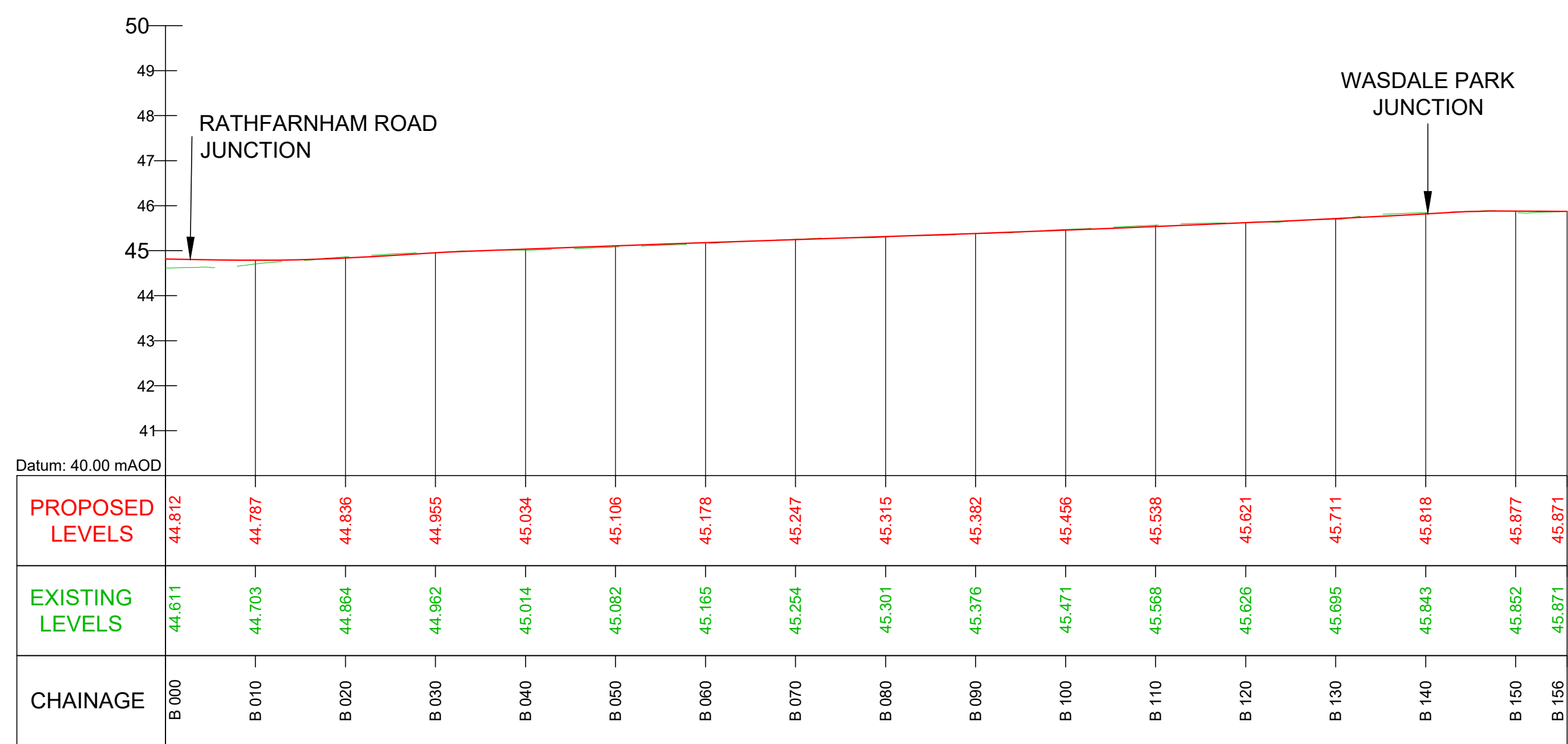






**LEGEND:**

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



GEO\_HV-0012\_SR\_01-M3-CR-0001-A08 LONGITUDINAL SECTION  
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| Rev | Date       | Drn  | Chk'd | App'd | Description                 |
|-----|------------|------|-------|-------|-----------------------------|
| M01 | 27/01/2023 | GMcT | CMG   | DC    | ISSUE FOR PHASE 4: PLANNING |

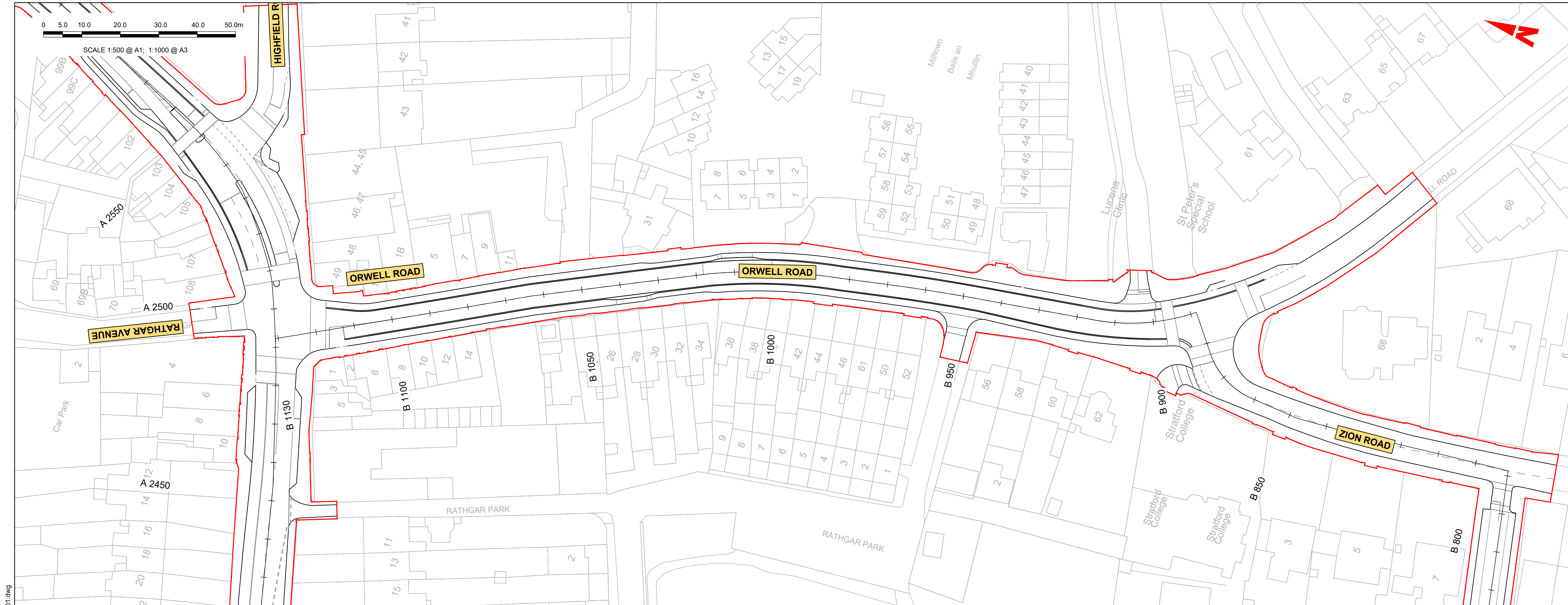
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|              |                           |           |         |          |
| Date         | Scale                     | Drawn     | Checked | Approved |
| 27/01/2023   | 1:500 @ A1<br>1:1000 @ A3 | GMcT      | CMG     | DC       |
| Project Code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

|   |              |        |     |
|---|--------------|--------|-----|
| <b>Programme Title</b><br><b>BUSCONNECTS DUBLIN</b><br><b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>                 |              |        |     |
| <b>Drawing Title</b><br>TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME<br>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 |
|------------------------|-----------------------------|--------------------|
| <b>PROPOSED LEVELS</b> | 42.670                      | 42.507             |
| <b>EXISTING LEVELS</b> | 42.641                      | 42.488             |
| <b>CHAINAGE</b>        | B 1130                      | B 880              |

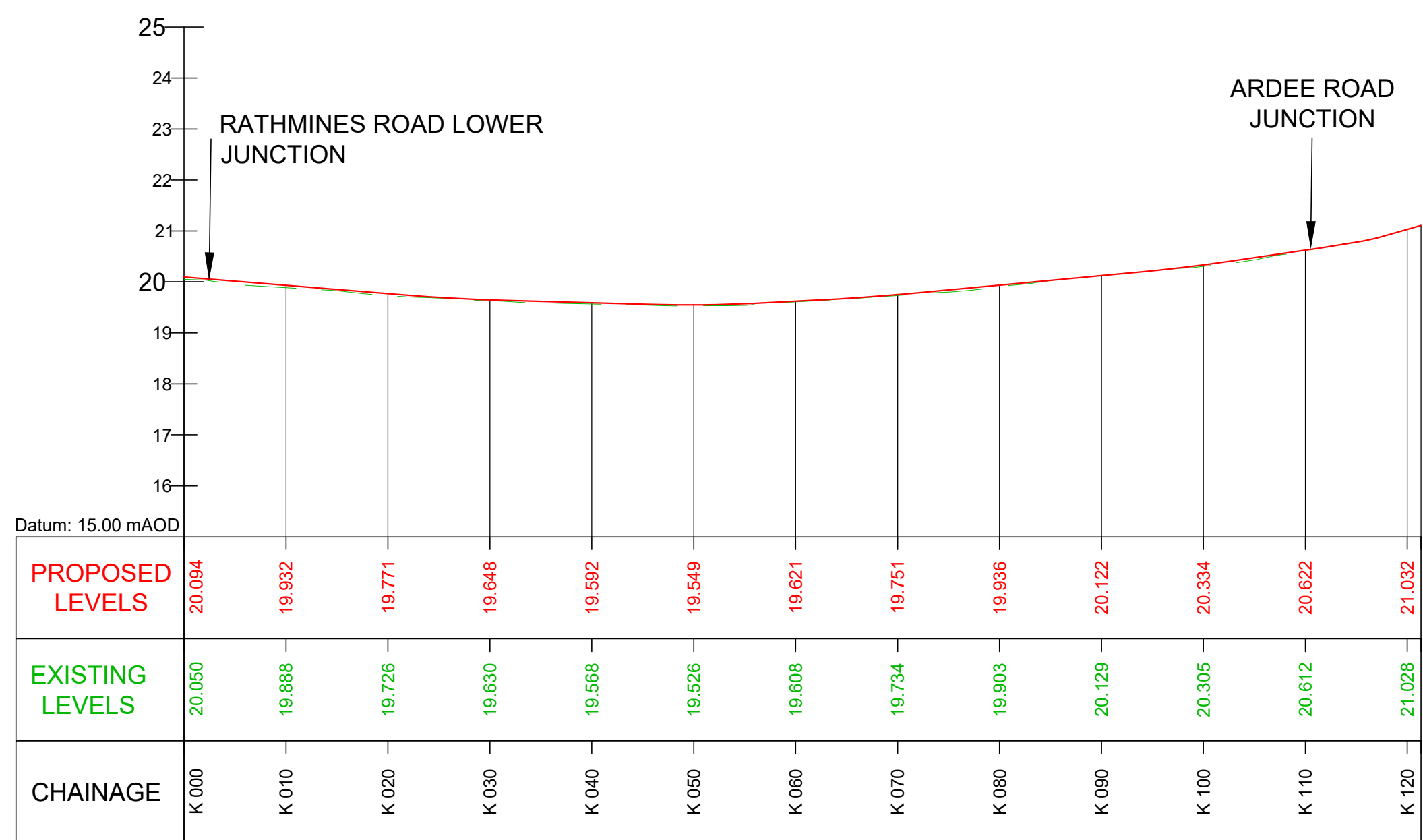
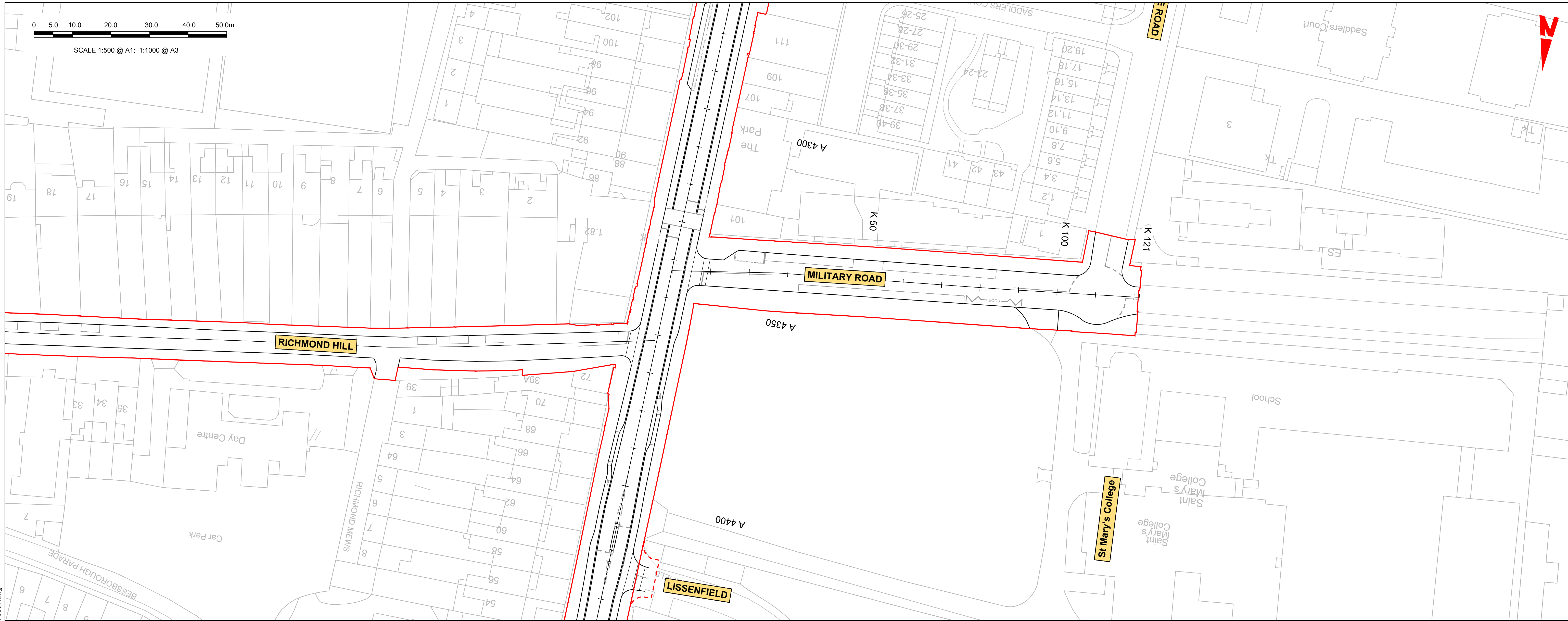
| Chainage | Proposed Level (m) | Existing Level (m) |
|----------|--------------------|--------------------|
| B 1130   | 42.670             | 42.641             |
| B 1120   | 42.507             | 42.488             |
| B 1110   | 42.436             | 42.456             |
| B 1100   | 42.435             | 42.425             |
| B 1090   | 42.438             | 42.371             |
| B 1080   | 42.441             | 42.373             |
| B 1070   | 42.444             | 42.396             |
| B 1060   | 42.463             | 42.446             |
| B 1050   | 42.516             | 42.503             |
| B 1040   | 42.587             | 42.577             |
| B 1030   | 42.658             | 42.645             |
| B 1020   | 42.729             | 42.725             |
| B 1010   | 42.800             | 42.797             |
| B 1000   | 42.871             | 42.875             |
| B 990    | 42.942             | 42.941             |
| B 980    | 43.011             | 43.014             |
| B 970    | 43.065             | 43.060             |
| B 960    | 43.106             | 43.111             |
| B 950    | 43.145             | 43.148             |
| B 940    | 43.150             | 43.130             |
| B 930    | 43.128             | 43.102             |
| B 920    | 43.106             | 43.081             |
| B 910    | 43.081             | 43.070             |
| B 900    | 43.004             | 43.012             |
| B 890    | 42.909             | 42.896             |

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 |       |             |             |     |            |      |     |    |                             |  |  |   |  |  |   |
| <p><b>BUSCONNECTS DUBLIN</b><br/><b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b></p> <p>TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME<br/>MAINLINE PLAN AND PROFILE</p>   |            | <p>27/01/2023</p> <p>1:500 @ A1<br/>1:1000 @ A3</p> <p>GMcT</p> <p>CMG</p> <p>DC</p>  | <p>BCIDC</p> <p>ARP</p> <p>268401-00</p> | <p>268401-00</p> <p>25 of 38</p> <p>A</p> <p>M01</p> |                             |       |             |             |     |            |      |     |    |                             |  |  |   |  |  |   |

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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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|-----|------------|------|-------|-------|-----------------------------|
| 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

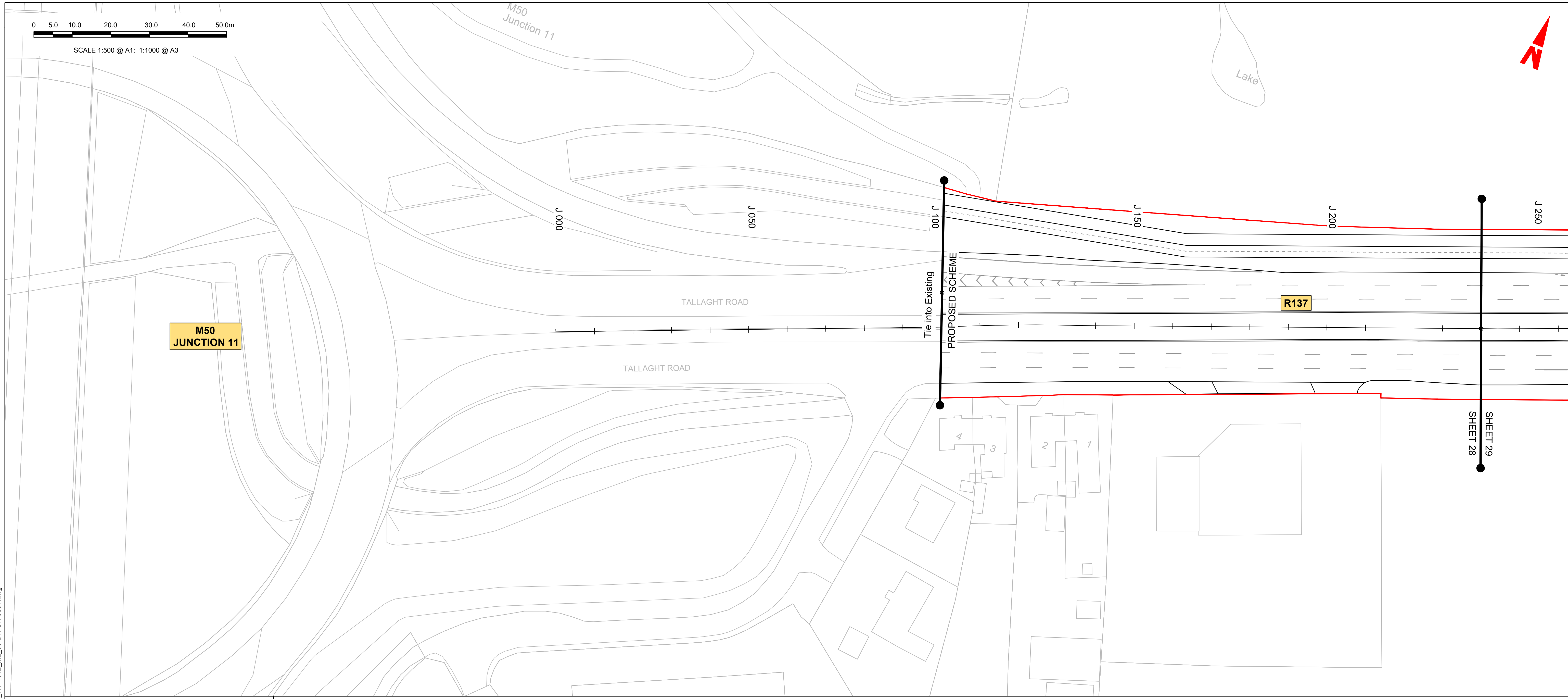
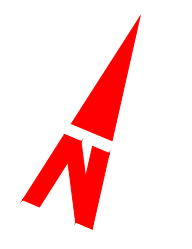
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| Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>                               |                        |           |          |
| Drawing Title: <b>TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE</b> |                        |           |          |
| 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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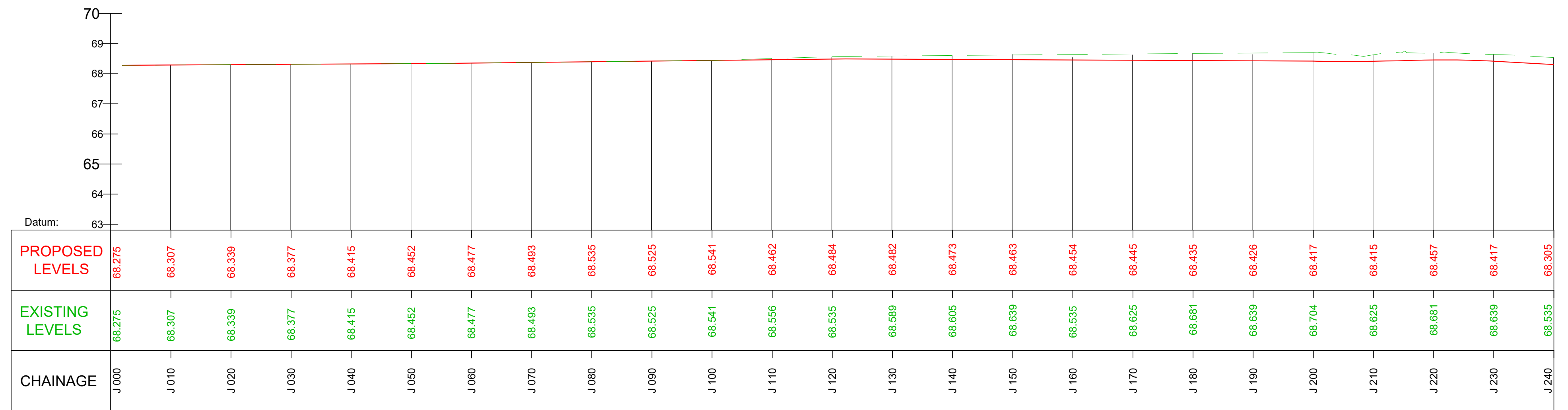
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SCALE 1:500 @ A1; 1:1000 @ A3



**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: 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: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>                               |                        |                  |                 |
| Drawing Title: <b>TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME MAINLINE PLAN AND PROFILE</b> |                        |                  |                 |
| Drawing File Name: BCIDC-ARP-GEO_HV-1272_ML_00-DR-CR-0001  | Sheet Number: 27 of 38 | Status: <b>A</b> | Rev: <b>M01</b> |

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0 5.0 10.0 20.0 30.0 40.0 50.0m

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

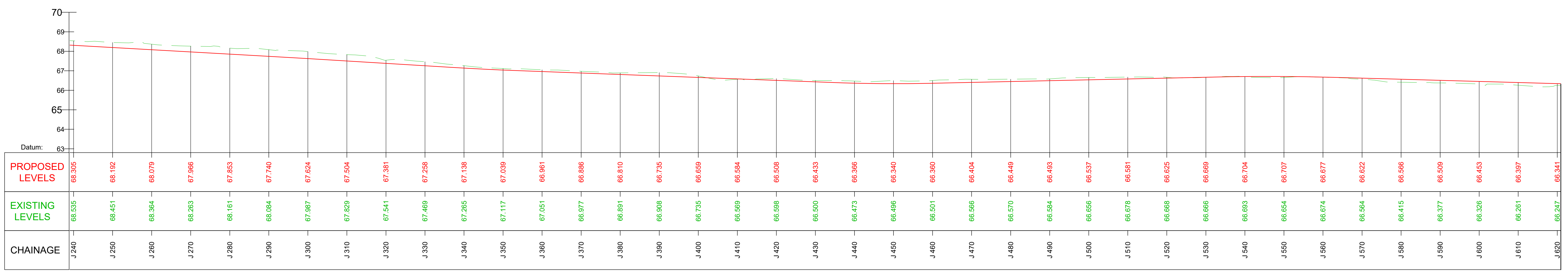
SHEET 29

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

Engineering Designer  
  
 Drawn: GMcT  
 Checked: CMG  
 Approved: DC

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

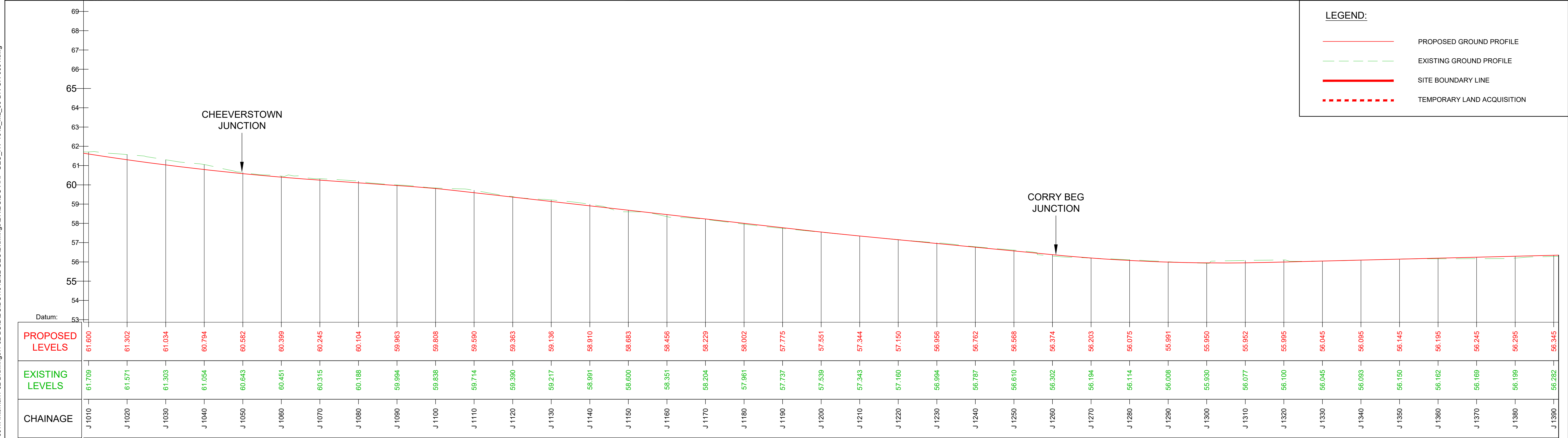
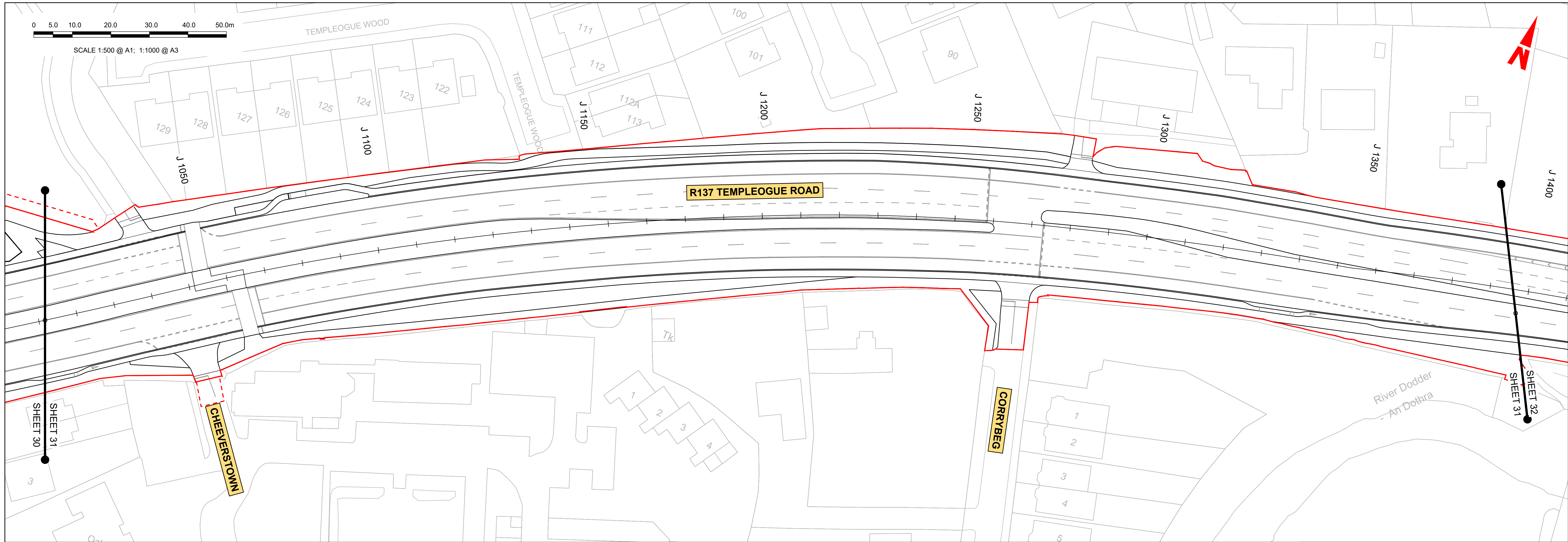
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**LEGEND:**

- 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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| <p><b>Rev</b></p> <table border="1"> <tr><td>M01</td><td>27/01/2023</td><td>GMcT</td><td>CMG</td><td>DC</td></tr> </table> | M01                             | 27/01/2023                       | GMcT                             | CMG                                     | DC | <p><b>Date</b></p> <p>27/01/2023</p> | <p><b>Scale</b></p> <p>1:500 @ A1<br/>1:1000 @ A3</p> | <p><b>Client</b></p> <p><b>NTA</b><br/>Údarás Náisiúnta Iompair<br/>National Transport Authority</p> | <p><b>Engineering Designer</b></p> <p><b>ARUP</b></p> | <p><b>Programme Title</b></p> <p><b>BUSCONNECTS DUBLIN<br/>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b></p> | <p><b>Drawing Title</b></p> <p>TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME<br/>MAINLINE PLAN AND PROFILE</p> | <p><b>Drawing File Name</b></p> <p>BCIDC-ARP-GEO_HV-1302_ML_00-DR-CR-0001</p> | <p><b>Sheet Number</b></p> <p>30 of 38</p> | <p><b>Status</b></p> <p>A</p> | <p><b>Rev</b></p> <p>M01</p> |
|  | M01                             | 27/01/2023                       | GMcT                             | CMG                                     | DC |                                      |   |  |   |  |   |   |  |                               |                              |
| <p><b>Description</b></p> <p>ISSUE FOR PHASE 4: PLANNING</p>   | <p><b>Drawn</b></p> <p>GMcT</p> | <p><b>Checked</b></p> <p>CMG</p> | <p><b>Approved</b></p> <p>DC</p> | <p><b>QMS Code</b></p> <p>268401-00</p> |    |                                      |   |  |   |  |   |   |  |                               |                              |

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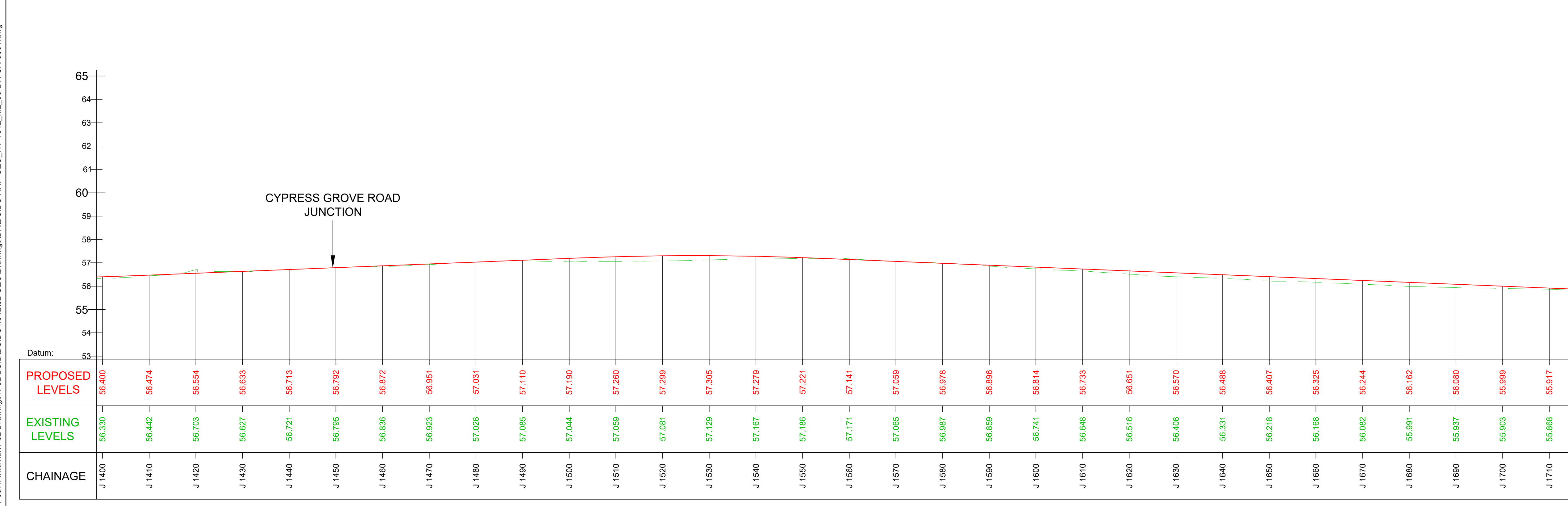
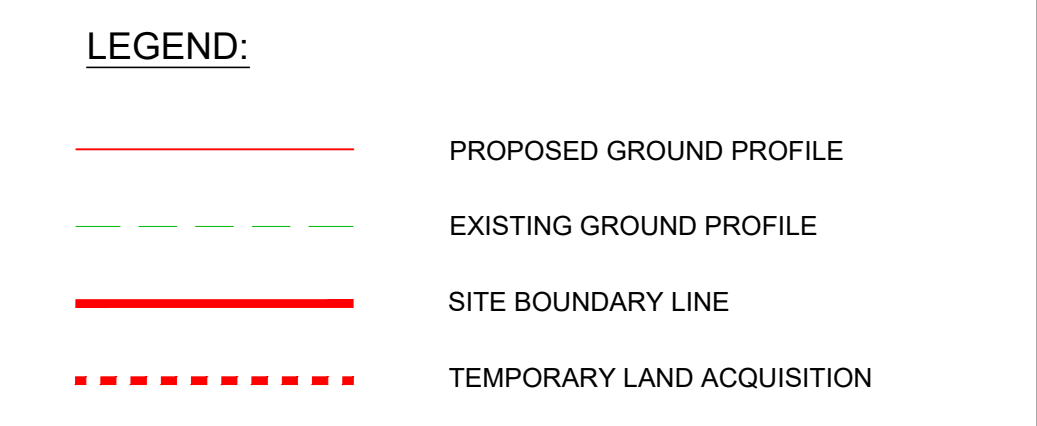
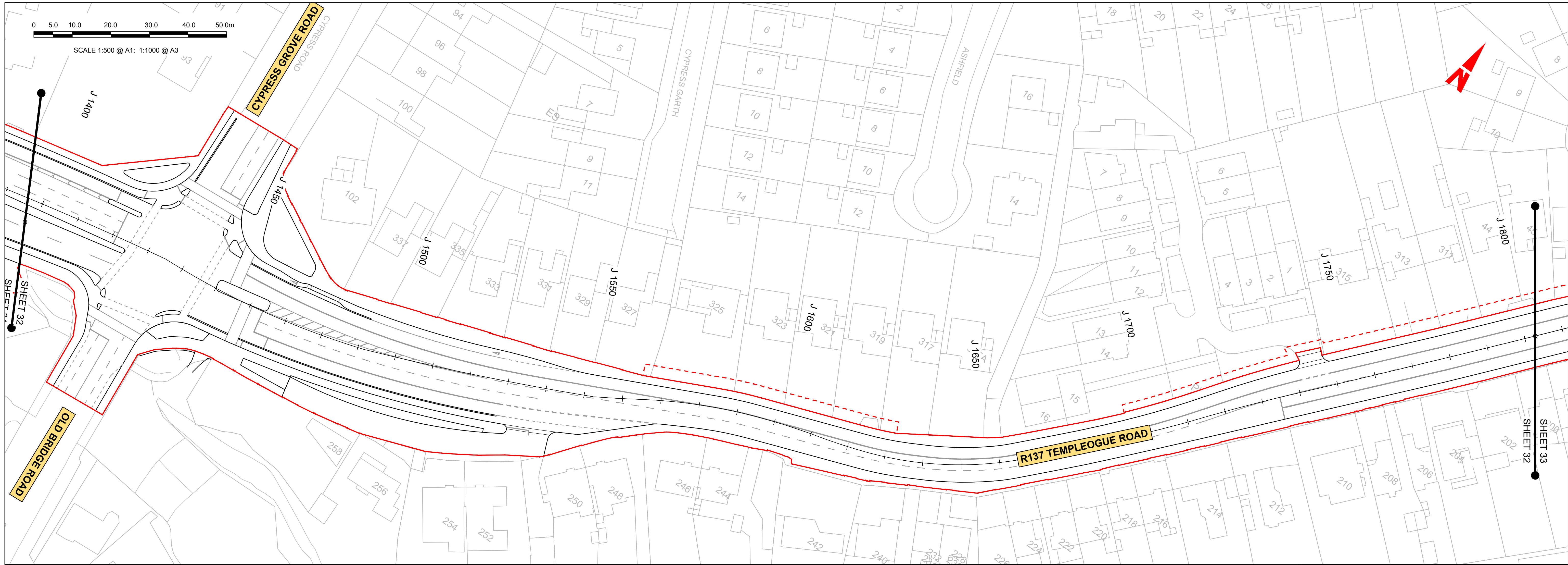
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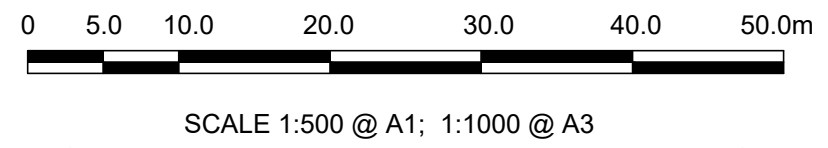
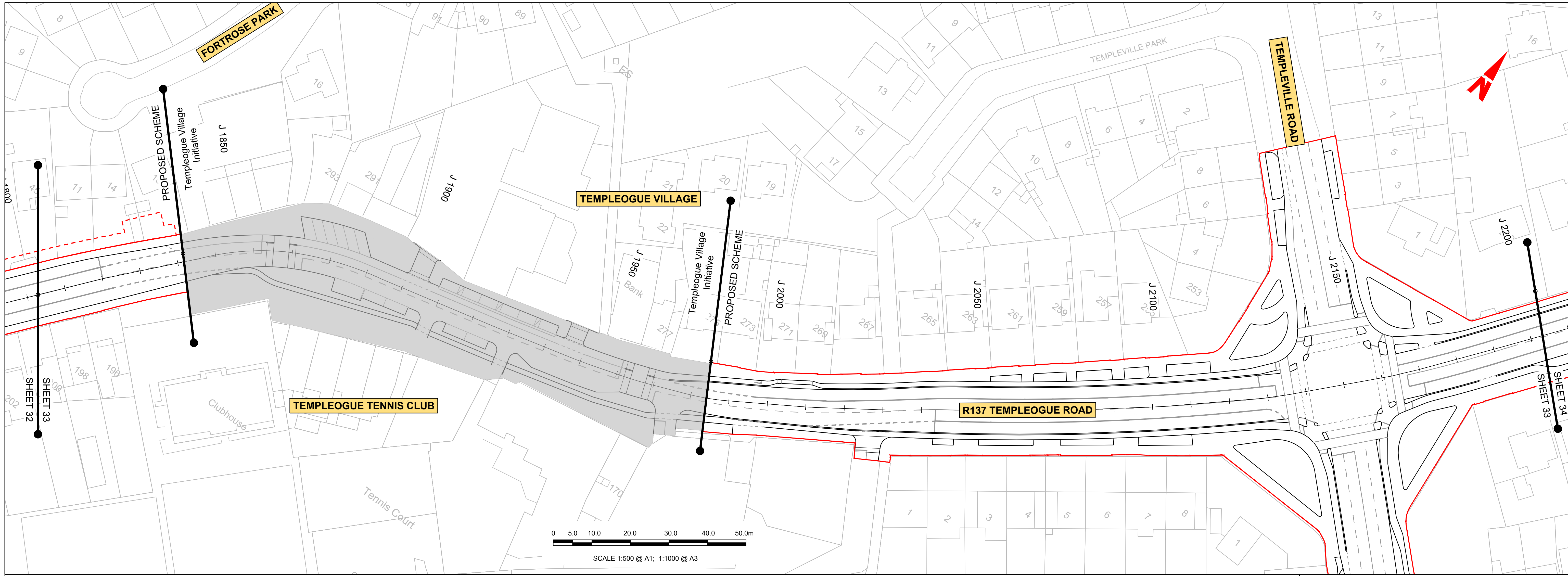


GEO\_HV-0010\_ML\_01-M3-CR-0001-A01 LONGITUDINAL SECTION  
SCALE: H 1:500, V 1:100

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|---|---------------------------|---|---------|----------|-----------------------------|-------|-------------|-------------|-----|------------|------|-----|----|-----------------------------|--|--------|--|----------------------|--|--|--|--|--|--|--|------|-------|-------|---------|----------|------------|---------------------------|------|-----|----|--------------|-----------------|----------|--|--|-------|-----|-----------|--|--|---|-----------------|--|--|--|---|--|--|--|---------------|--|--|--|---|--|--|--|-------------------|--------------|--------|-----|--|----------|---|-----|
|   |                           | Rev   | Date    | Drn      | Chk'd                       | App'd | Description |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| M01   | 27/01/2023                | GMcT  | CMG     | DC       | ISSUE FOR PHASE 4: PLANNING |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| Client  |                           | Engineering Designer  |         |          |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| <br>Údarás Náisiúnta Iompair<br>National Transport Authority  |                           |   |         |          |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| Date  | Scale                     | Drawn   | Checked | Approved |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| 27/01/2023  | 1:500 @ A1<br>1:1000 @ A3 | GMcT  | CMG     | DC       |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| Project Code  | Originator Code           | QMS Code  |         |          |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| BCIDC   | ARP                       | 268401-00   |         |          |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| Programme Title   |                           |   |         |          |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| <b>BUSCONNECTS DUBLIN</b><br><b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>   |                           |   |         |          |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| Drawing Title   |                           |   |         |          |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME<br>MAINLINE PLAN AND PROFILE   |                           |   |         |          |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| Drawing File Name   | Sheet Number              | Status  | Rev     |          |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| BCIDC-ARP-GEO_HV-1312_ML_00-DR-CR-0001  | 31 of 38                  | A   | M01     |          |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| DO NOT SCALE USE FIGURED DIMENSIONS ONLY  |                           |   |         |          |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |

\\global\europa\dublin\jobs\268401-0014 - Internal\4-02 Drawings\4-02 BCID\BCIDC\1012\02 GEO\Drawings\DRIB\BCIDC-ARP-GEO\_HV-1012\_ML\_00-DR-CR-0001.dwg





**LEGEND:**

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

\\global\europa\dublin\jobs\268401-004\_Interna\4-02 Drawings\4-02 BCID\BCID\1012\02 GEO\Drawings\DR\BCIDC-ARP-GEO\_HV-1012\_ML\_00-DR-CR-0001.dwg

| CHAINAGE | PROPOSED LEVELS | EXISTING LEVELS |
|----------|-----------------|-----------------|
| J 1810   | 54.758          | 54.738          |
| J 1820   | 54.592          | 54.580          |
| J 1830   | 54.426          | 54.436          |
| J 1840   | 54.260          | 54.288          |
| J 1850   | 54.094          | 54.138          |
| J 1860   | 53.928          | 54.038          |
| J 1870   | 53.762          | 53.786          |
| J 1880   | 53.595          | 53.589          |
| J 1890   | 53.429          | 53.378          |
| J 1900   | 53.263          | 53.202          |
| J 1910   | 53.097          | 53.044          |
| J 1920   | 52.943          | 52.939          |
| J 1930   | 52.837          | 52.843          |
| J 1940   | 52.775          | 52.747          |
| J 1950   | 52.720          | 52.664          |
| J 1960   | 52.666          | 52.604          |
| J 1970   | 52.614          | 52.575          |
| J 1980   | 52.600          | 52.614          |
| J 1990   | 52.637          | 52.652          |
| J 2000   | 52.698          | 52.688          |
| J 2010   | 52.759          | 52.702          |
| J 2020   | 52.820          | 52.719          |
| J 2030   | 52.880          | 52.781          |
| J 2040   | 52.941          | 52.877          |
| J 2050   | 53.002          | 52.980          |
| J 2060   | 53.062          | 53.059          |
| J 2070   | 53.123          | 53.122          |
| J 2080   | 53.184          | 53.191          |
| J 2090   | 53.245          | 53.264          |
| J 2100   | 53.305          | 53.356          |
| J 2110   | 53.365          | 53.366          |
| J 2120   | 53.411          | 53.402          |
| J 2130   | 53.439          | 53.440          |
| J 2140   | 53.449          | 53.428          |
| J 2150   | 53.440          | 53.408          |
| J 2160   | 53.413          | 53.553          |
| J 2170   | 53.369          | 53.418          |
| J 2180   | 53.308          | 53.351          |
| J 2190   | 53.246          | 53.257          |

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 | 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

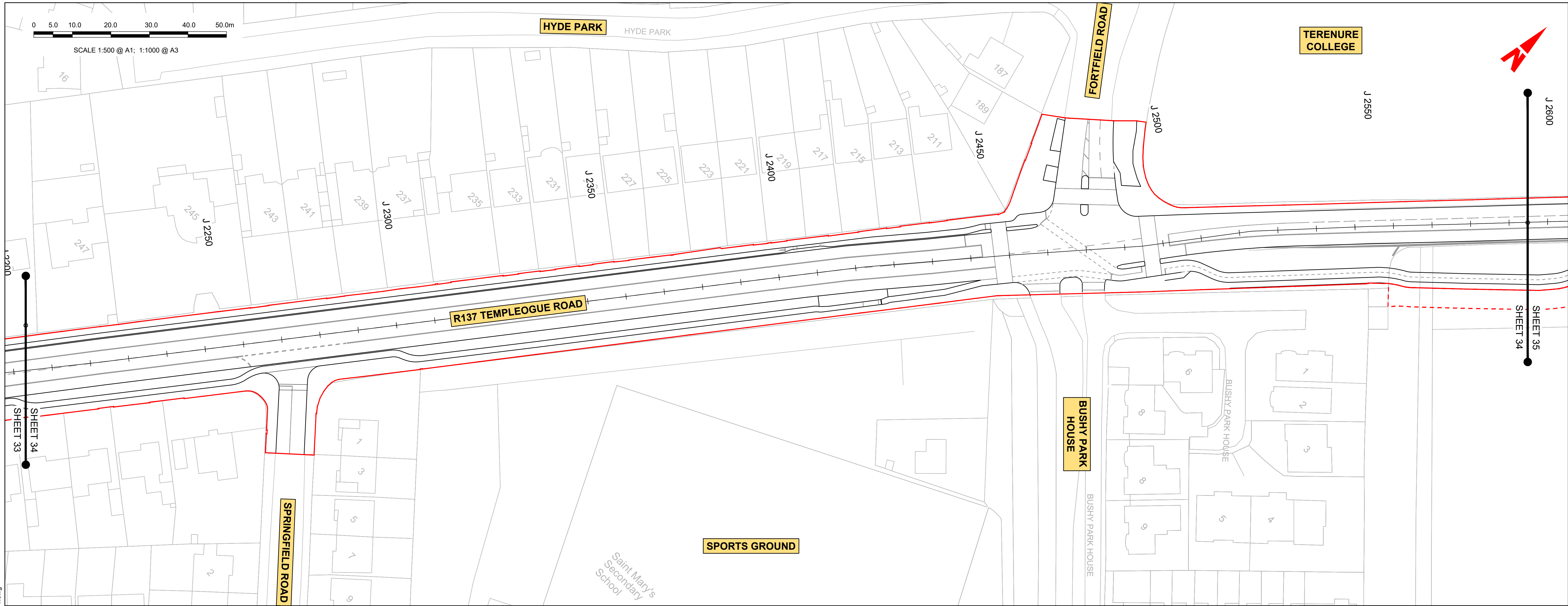
Drawing File Name: BCIDC-ARP-GEO\_HV-1322\_ML\_00-DR-CR-0001 | Sheet Number: 32 of 38 | Status: A | Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



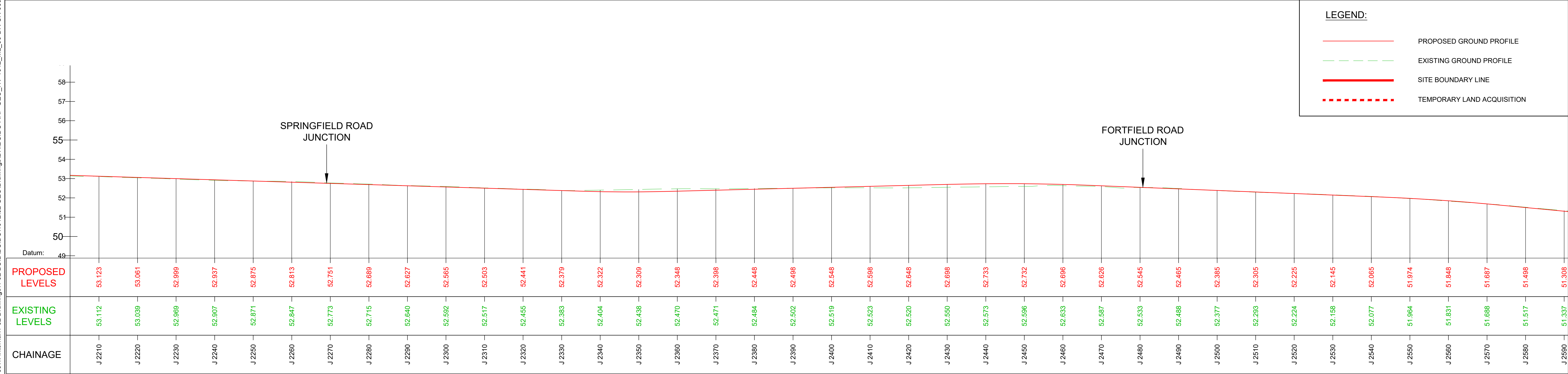
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SCALE 1:500 @ A1; 1:1000 @ A3



**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       | 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-1332\_ML\_00-DR-CR-0001 | Sheet Number: 33 of 38 | Status: A | Rev: M01

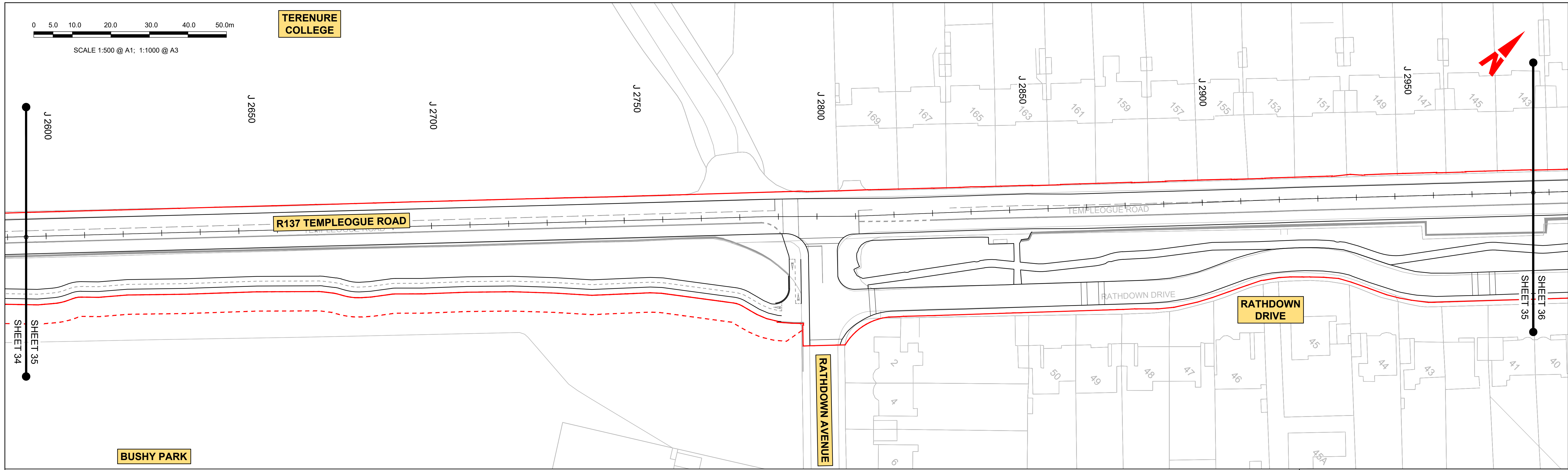
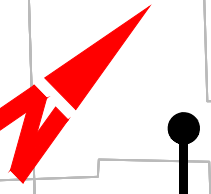
\\global\europa\dublin\jobs\268401-004\_1\Internal\4-02 Drawings\4-02 BCID\BCIDC\101202 GEO\Drawings\DRIB\BCIDC-ARP-GEO\_HV-1012\_ML\_00-DR-CR-0001.dwg



0 5.0 10.0 20.0 30.0 40.0 50.0m

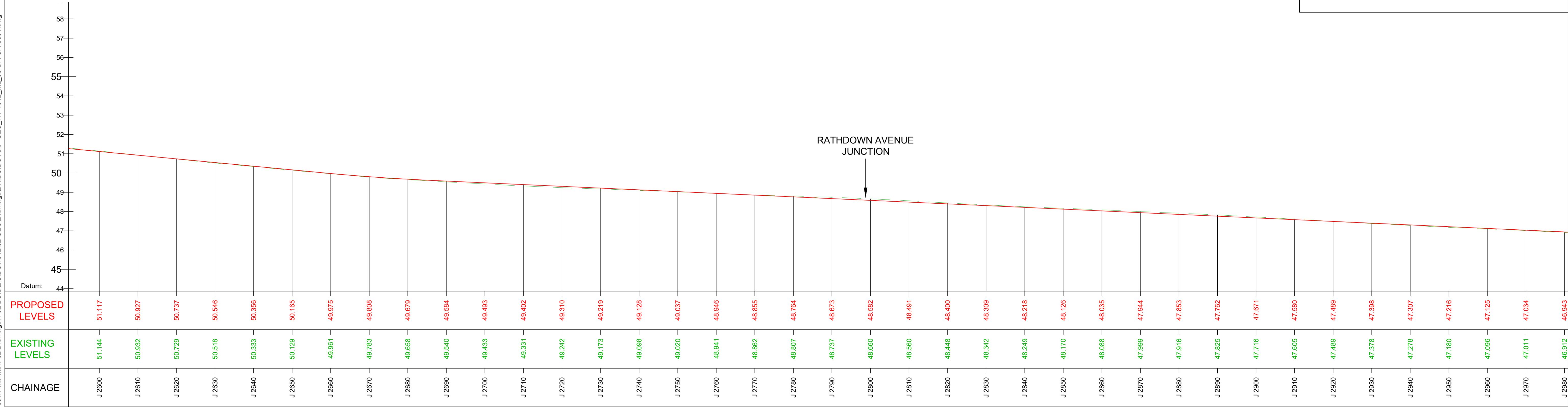
SCALE 1:500 @ A1; 1:1000 @ A3

TERENURE COLLEGE

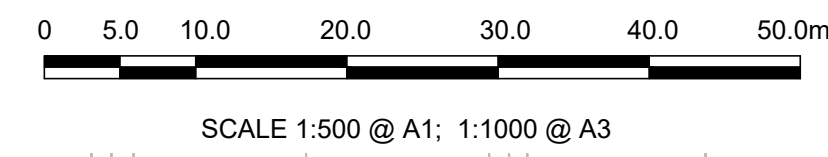
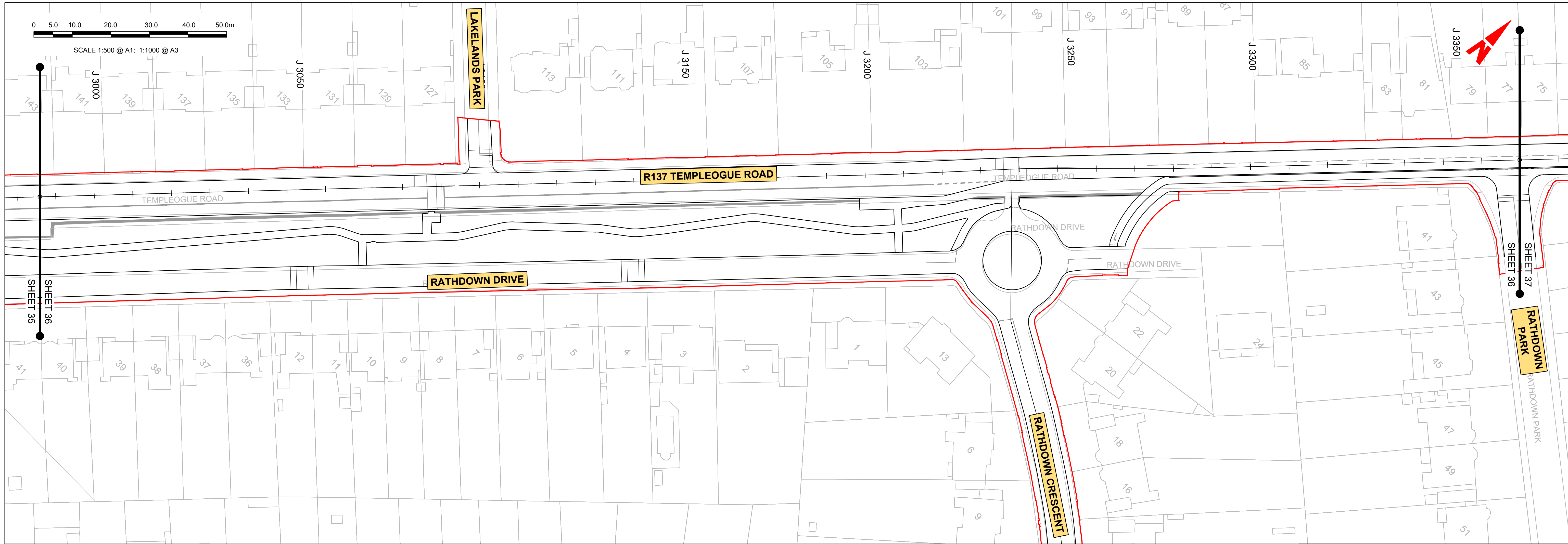


LEGEND:

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







**LEGEND:**

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

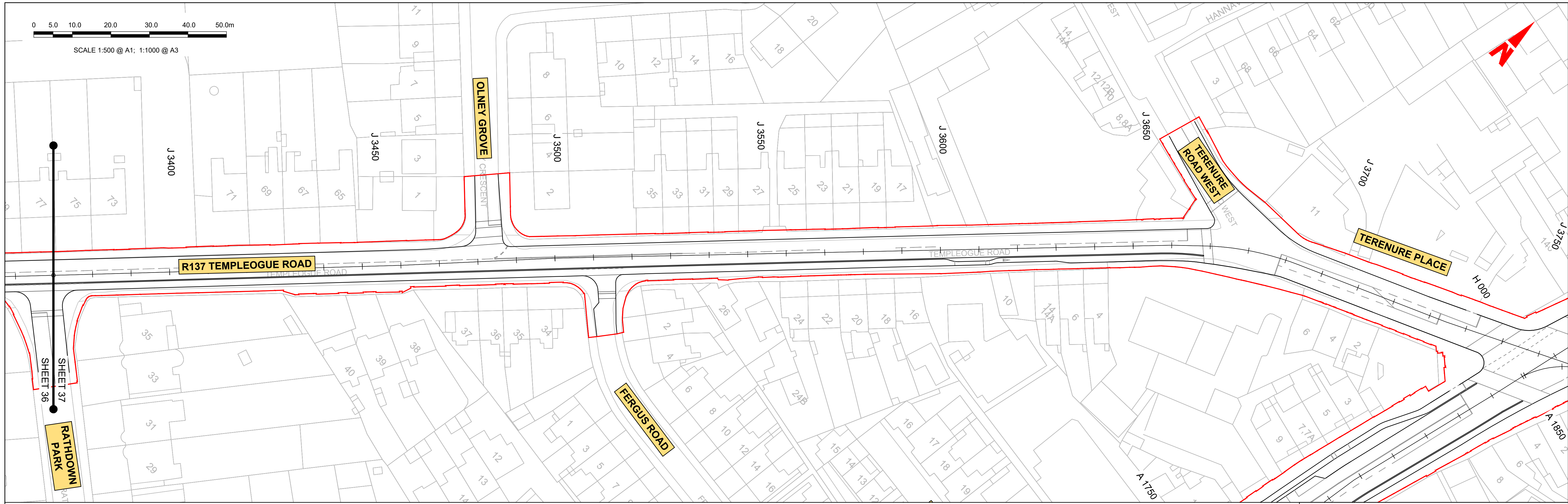
| Chainage | Proposed Levels | Existing Levels |
|----------|-----------------|-----------------|
| J 2990   | 46.851          | 46.619          |
| J 3000   | 46.760          | 46.731          |
| J 3010   | 46.669          | 46.646          |
| J 3020   | 46.578          | 46.557          |
| J 3030   | 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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|---|---------------------------|---|------------|----------|-------|-------|-----------------------------|-------------|-----|------------|------|-----|----|-----------------------------|--|--------|--|----------------------|--|--|--|--|--|--|--|------|-------|-------|---------|----------|------------|---------------------------|------|-----|----|--------------|-----------------|----------|--|--|-------|-----|-----------|--|--|---|-----------------|--|--|--|---|--|--|--|---------------|--|--|--|---|--|--|--|-------------------|--------------|--------|-----|--|----------|---|-----|
|   |                           | Rev   | Date       | Drm      | Chk'd | App'd | Description                 |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
|   |                           | M01   | 27/01/2023 | GMtC     | CMG   | DC    | ISSUE FOR PHASE 4: PLANNING |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| Client  |                           | Engineering Designer  |            |          |       |       |                             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| <br>Údarás Náisiúnta Iompair<br>National Transport Authority  |                           |   |            |          |       |       |                             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| Date  | Scale                     | Drawn   | Checked    | Approved |       |       |                             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| 27/01/2023  | 1:500 @ A1<br>1:1000 @ A3 | GMtC  | CMG        | DC       |       |       |                             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| Project Code  | Originator Code           | QMS Code  |            |          |       |       |                             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| BCIDC   | ARP                       | 268401-00   |            |          |       |       |                             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| Programme Title   |                           |   |            |          |       |       |                             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| <b>BUSCONNECTS DUBLIN<br/>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>   |                           |   |            |          |       |       |                             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| Drawing Title   |                           |   |            |          |       |       |                             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME<br>MAINLINE PLAN AND PROFILE   |                           |   |            |          |       |       |                             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| Drawing File Name   | Sheet Number              | Status  | Rev        |          |       |       |                             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
| BCIDC-ARP-GEO_HV-1352_ML_00-DR-CR-0001  | 35 of 38                  | A   | M01        |          |       |       |                             |             |     |            |      |     |    |                             |  |        |  |                      |  |  |  |  |  |  |  |      |       |       |         |          |            |                           |      |     |    |              |                 |          |  |  |       |     |           |  |  |   |                 |  |  |  |   |  |  |  |               |  |  |  |   |  |  |  |                   |              |        |     |  |          |   |     |
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**LEGEND:**

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

| CHAINAGE | PROPOSED LEVELS | EXISTING LEVELS |
|----------|-----------------|-----------------|
| J 3370   | 44.619          | 44.625          |
| J 3380   | 44.590          | 44.585          |
| J 3390   | 44.561          | 44.556          |
| J 3400   | 44.532          | 44.524          |
| J 3410   | 44.502          | 44.512          |
| J 3420   | 44.473          | 44.470          |
| J 3430   | 44.444          | 44.460          |
| J 3440   | 44.415          | 44.436          |
| J 3450   | 44.385          | 44.417          |
| J 3460   | 44.356          | 44.408          |
| J 3470   | 44.333          | 44.381          |
| J 3480   | 44.315          | 44.359          |
| J 3490   | 44.305          | 44.329          |
| J 3500   | 44.301          | 44.325          |
| J 3510   | 44.304          | 44.347          |
| J 3520   | 44.313          | 44.350          |
| J 3530   | 44.330          | 44.348          |
| J 3540   | 44.352          | 44.342          |
| J 3550   | 44.382          | 44.332          |
| J 3560   | 44.415          | 44.345          |
| J 3570   | 44.439          | 44.365          |
| J 3580   | 44.439          | 44.345          |
| J 3590   | 44.414          | 44.334          |
| J 3600   | 44.363          | 44.295          |
| J 3610   | 44.288          | 44.239          |
| J 3620   | 44.187          | 44.157          |
| J 3630   | 44.071          | 44.060          |
| J 3640   | 43.969          | 43.965          |
| J 3650   | 43.898          | 43.885          |
| J 3660   | 43.841          | 43.843          |
| J 3670   | 43.766          | 43.789          |
| J 3680   | 43.611          | 43.620          |
| J 3690   | 43.378          | 43.364          |
| J 3700   | 43.141          | 43.139          |
| J 3710   | 42.961          | 42.962          |
| J 3720   | 42.826          | 42.797          |
| J 3730   | 42.693          | 42.689          |
| J 3740   | 42.561          | 42.545          |
| J 3750   | 42.466          | 42.438          |

GEO\_HV-0010\_ML\_01-M3-CR-0001-A01 LONGITUDINAL SECTION  
SCALE: H 1:500, V 1:100

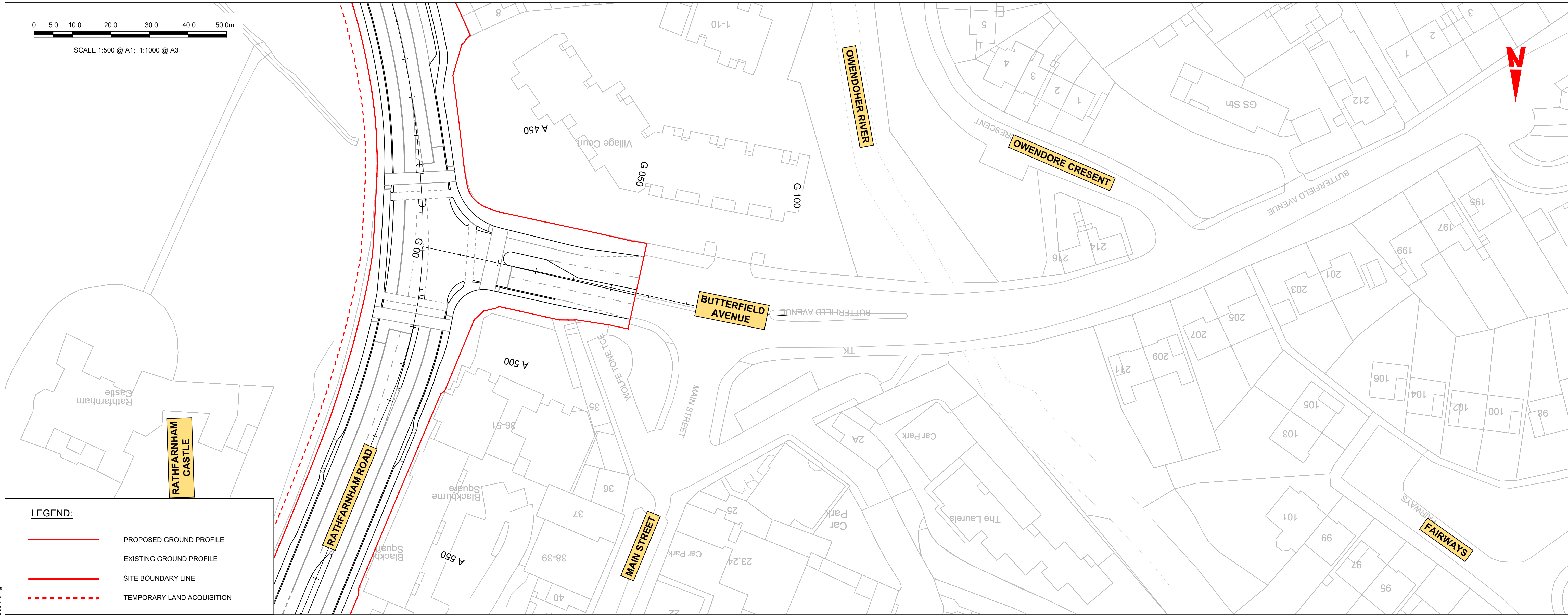
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|---|---|---|----------|------|-----------------------------|-------|-------------|-------------|-----|------------|------|-----|----|-----------------------------|--|--------|--|----------------------|--|------|------------|-------|---------------------------|-------|------|---------|-----|----------|----|--------------|-------|-----------------|-----|----------|-----------|--|-----------------|---|--|--|---------------|---|--|--|-------------------|--|--------------|----------|--------|---|-----|-----|
|   |   | Rev   | Date     | Drm  | Chk'd                       | App'd | Description |             |     |            |      |     |    |                             |  |        |  |                      |  |      |            |       |                           |       |      |         |     |          |    |              |       |                 |     |          |           |  |                 |   |  |  |               |   |  |  |                   |  |              |          |        |   |     |     |
| M01   | 27/01/2023  | GMtC  | CMG      | DC   | ISSUE FOR PHASE 4: PLANNING |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |      |            |       |                           |       |      |         |     |          |    |              |       |                 |     |          |           |  |                 |   |  |  |               |   |  |  |                   |  |              |          |        |   |     |     |
| Client  | <br>Údarás Náisiúnta Iompair<br>National Transport Authority                                  |   |          |      |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |      |            |       |                           |       |      |         |     |          |    |              |       |                 |     |          |           |  |                 |   |  |  |               |   |  |  |                   |  |              |          |        |   |     |     |
| Engineering Designer  |   |   |          |      |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |      |            |       |                           |       |      |         |     |          |    |              |       |                 |     |          |           |  |                 |   |  |  |               |   |  |  |                   |  |              |          |        |   |     |     |
| Date  | 27/01/2023  |   |          |      |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |      |            |       |                           |       |      |         |     |          |    |              |       |                 |     |          |           |  |                 |   |  |  |               |   |  |  |                   |  |              |          |        |   |     |     |
| Scale   | 1:500 @ A1<br>1:1000 @ A3   |   |          |      |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |      |            |       |                           |       |      |         |     |          |    |              |       |                 |     |          |           |  |                 |   |  |  |               |   |  |  |                   |  |              |          |        |   |     |     |
| Drawn   | GMtC  |   |          |      |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |      |            |       |                           |       |      |         |     |          |    |              |       |                 |     |          |           |  |                 |   |  |  |               |   |  |  |                   |  |              |          |        |   |     |     |
| Checked   | CMG   |   |          |      |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |      |            |       |                           |       |      |         |     |          |    |              |       |                 |     |          |           |  |                 |   |  |  |               |   |  |  |                   |  |              |          |        |   |     |     |
| Approved  | DC  |   |          |      |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |      |            |       |                           |       |      |         |     |          |    |              |       |                 |     |          |           |  |                 |   |  |  |               |   |  |  |                   |  |              |          |        |   |     |     |
| Project Code  | BCIDC   |   |          |      |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |      |            |       |                           |       |      |         |     |          |    |              |       |                 |     |          |           |  |                 |   |  |  |               |   |  |  |                   |  |              |          |        |   |     |     |
| Originator Code   | ARP   |   |          |      |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |      |            |       |                           |       |      |         |     |          |    |              |       |                 |     |          |           |  |                 |   |  |  |               |   |  |  |                   |  |              |          |        |   |     |     |
| QMS Code  | 268401-00   |   |          |      |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |      |            |       |                           |       |      |         |     |          |    |              |       |                 |     |          |           |  |                 |   |  |  |               |   |  |  |                   |  |              |          |        |   |     |     |
| Programme Title   | <b>BUSCONNECTS DUBLIN<br/>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>                         |   |          |      |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |      |            |       |                           |       |      |         |     |          |    |              |       |                 |     |          |           |  |                 |   |  |  |               |   |  |  |                   |  |              |          |        |   |     |     |
| Drawing Title   | TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME<br>MAINLINE PLAN AND PROFILE |   |          |      |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |      |            |       |                           |       |      |         |     |          |    |              |       |                 |     |          |           |  |                 |   |  |  |               |   |  |  |                   |  |              |          |        |   |     |     |
| Drawing File Name   | BCIDC-ARP-GEO_HV-1362_ML_00-DR-CR-0001  | Sheet Number  | 36 of 38 |      |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |      |            |       |                           |       |      |         |     |          |    |              |       |                 |     |          |           |  |                 |   |  |  |               |   |  |  |                   |  |              |          |        |   |     |     |
| Status  | A   | Rev   | M01      |      |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |      |            |       |                           |       |      |         |     |          |    |              |       |                 |     |          |           |  |                 |   |  |  |               |   |  |  |                   |  |              |          |        |   |     |     |
| <p>DO NOT SCALE USE FIGURED DIMENSIONS ONLY</p>   |   |   |          |      |                             |       |             |             |     |            |      |     |    |                             |  |        |  |                      |  |      |            |       |                           |       |      |         |     |          |    |              |       |                 |     |          |           |  |                 |   |  |  |               |   |  |  |                   |  |              |          |        |   |     |     |

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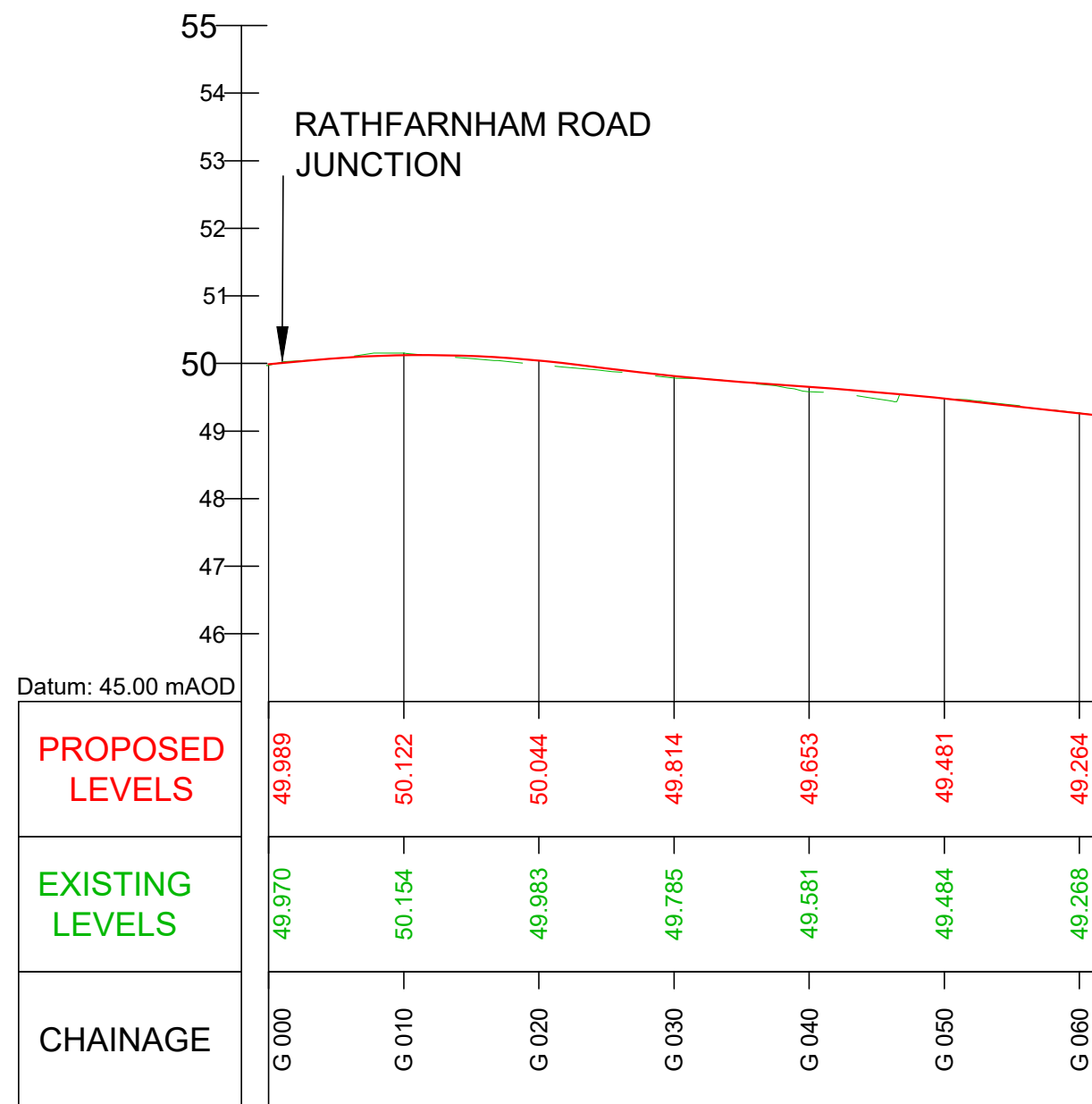


SCALE 1:500 @ A1; 1:1000 @ A3



**LEGEND:**

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



GEO\_HV-0012\_SR\_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

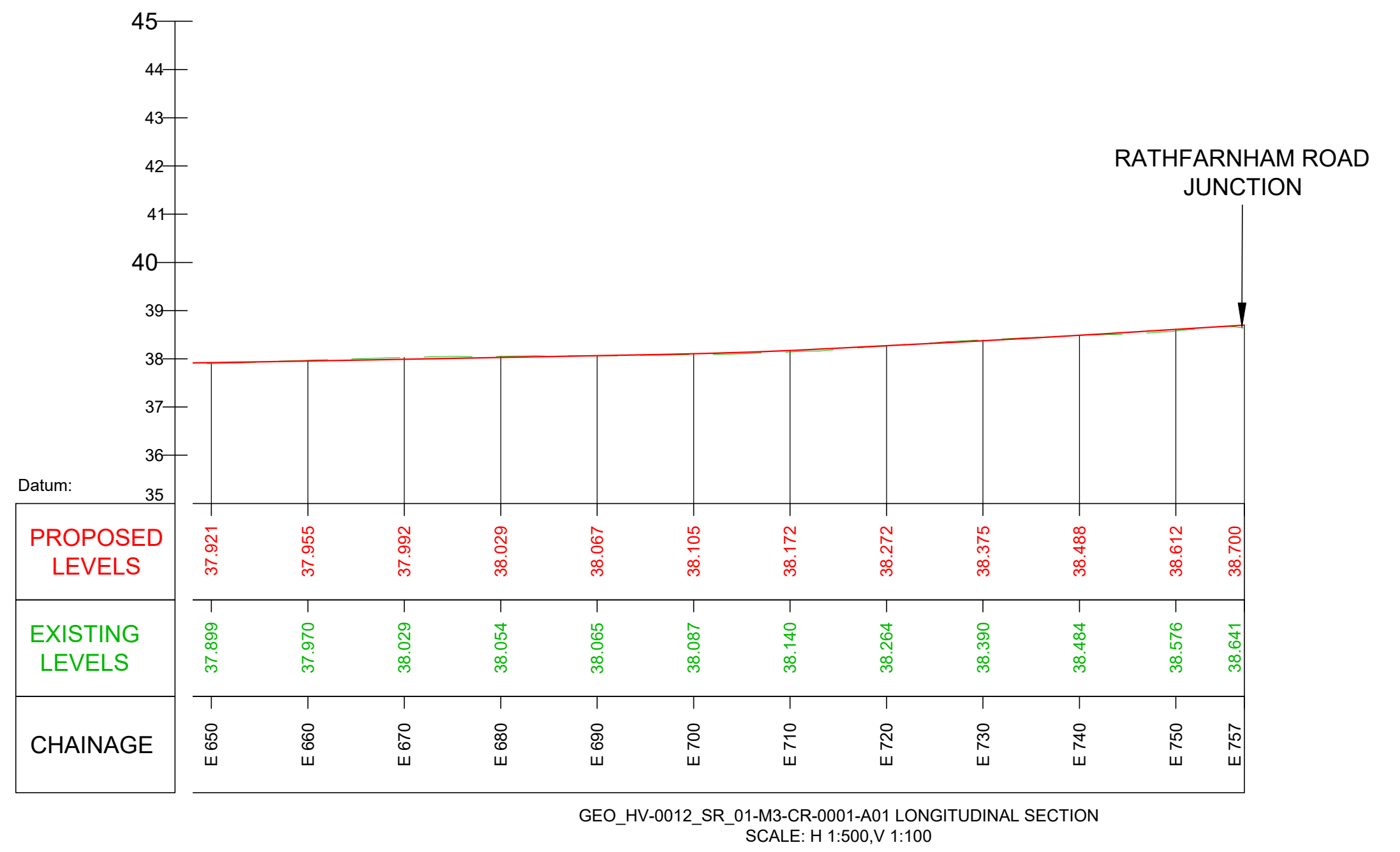
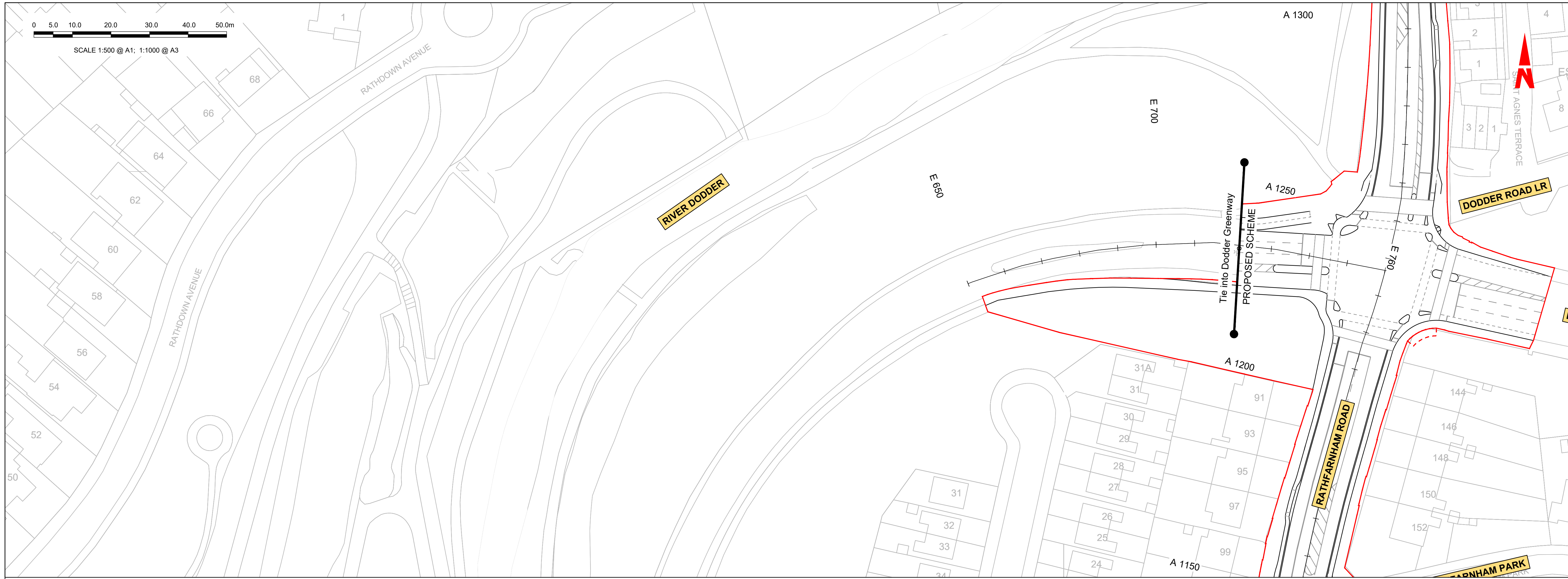
Engineering Designer  
**ARUP**

|  |                          |             |            |
|--|--------------------------|-------------|------------|
| Programme Title<br><b>BUSCONNECTS DUBLIN<br/>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>                       |                          |             |            |
| Drawing Title<br>TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME<br>MAINLINE PLAN AND PROFILE |                          |             |            |
| Drawing File Name<br>BCIDC-ARP-GEO_HV-1372_ML_00-DR-CR-0001  | Sheet Number<br>37 of 38 | Status<br>A | Rev<br>M01 |

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**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                 |
|-----|------------|-----|-------|-------|-----------------------------|
| M01 | 27/01/2023 | GMt | CMG   | DC    | ISSUE FOR PHASE 4: PLANNING |

Client: **NTA**  
Udarás 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-1382\_ML\_00-DR-CR-0001 | Sheet Number: 38 of 38 | Status: A | Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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