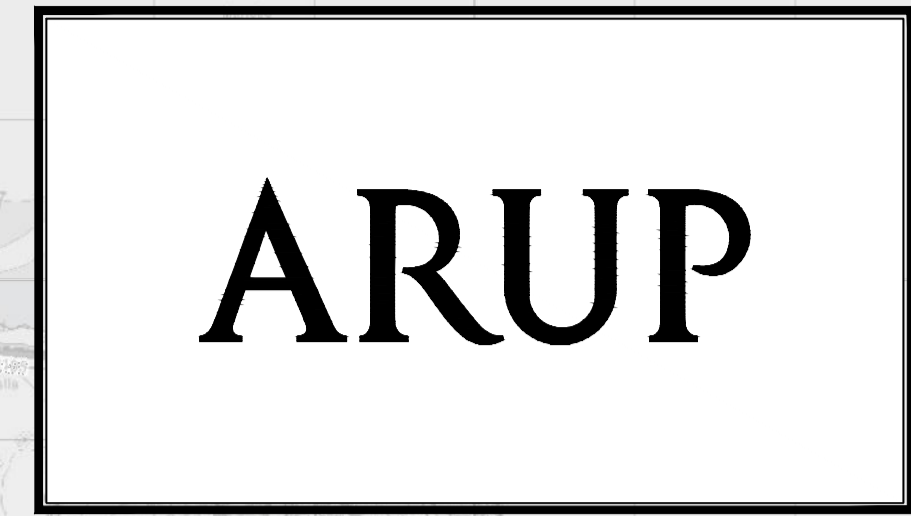


Appendix B15
IW Water Asset
Alterations



BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS

TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME

IW WATER ASSET ALTERATIONS

DRAWING SERIES NUMBER(S)	DRAWING SERIES DESCRIPTION
BCIDC-ARP-UTL_IX-1012_XX_00-DR-CU-0006	TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME. IW WATER ASSET ALTERATIONS. COVER SHEET
BCIDC-ARP-UTL_KP-1012_XX_00-DR-CU-0006	TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME. IW WATER ASSET ALTERATIONS. KEY PLAN
BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0001 to 0037	TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME. IW WATER ASSET ALTERATIONS

\\global\europa\dublin\jobs\268600026840-004_Interna\4-02 Drawings\4-02 BCIDC\BCIDC\1012111 UTL\Drawings\DR\BCIDC-ARP-UTL_IX-1012_XX_00-DR-CU-0006.dwg

Disclaimer

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSi Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.

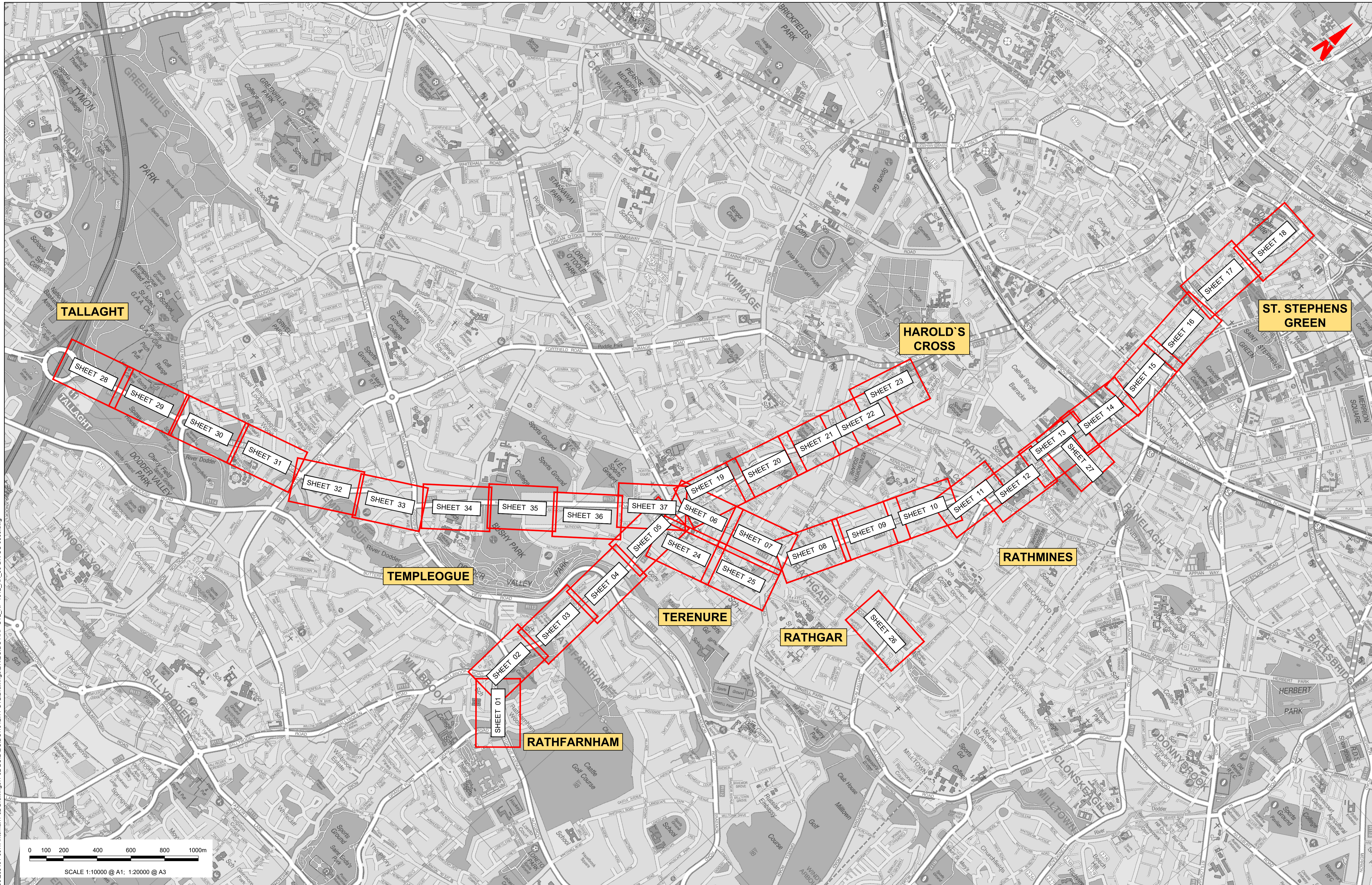


Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	AG	SW	DC	ISSUE FOR PHASE 4: PLANNING

Client NTA Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer ARUP		
Date 27/01/2023	Scale N/A @ A1 N/A @ A3	Drawn AG	Checked SW	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 IW WATER ASSET ALTERATIONS COVER SHEET			
Drawing File Name BCIDC-ARP-UTL_IX-1012_XX_00-DR-CU-0006	Sheet Number 01 of 01	Status A	Rev M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



G:\global\projects\268401-004 - Internal\4-02 Drawings\DR\BCIDC-ARP-UTL_KP-1012_XX_00-DR-CU-0006.dwg
 Global\projects\268401-004 - Internal\4-02 Drawings\DR\BCIDC-ARP-UTL_KP-1012_XX_00-DR-CU-0006.dwg

0 100 200 400 600 800 1000m
 SCALE 1:10000 @ A1; 1:20000 @ A3

Disclaimer
 a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.
 b. This drawing is to be used for the design element identified in the title block. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.
 c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OS Grid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.
 d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners, agents and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be as to, or accept any liability or responsibility in relation to the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.

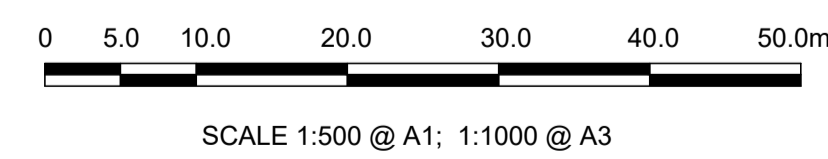
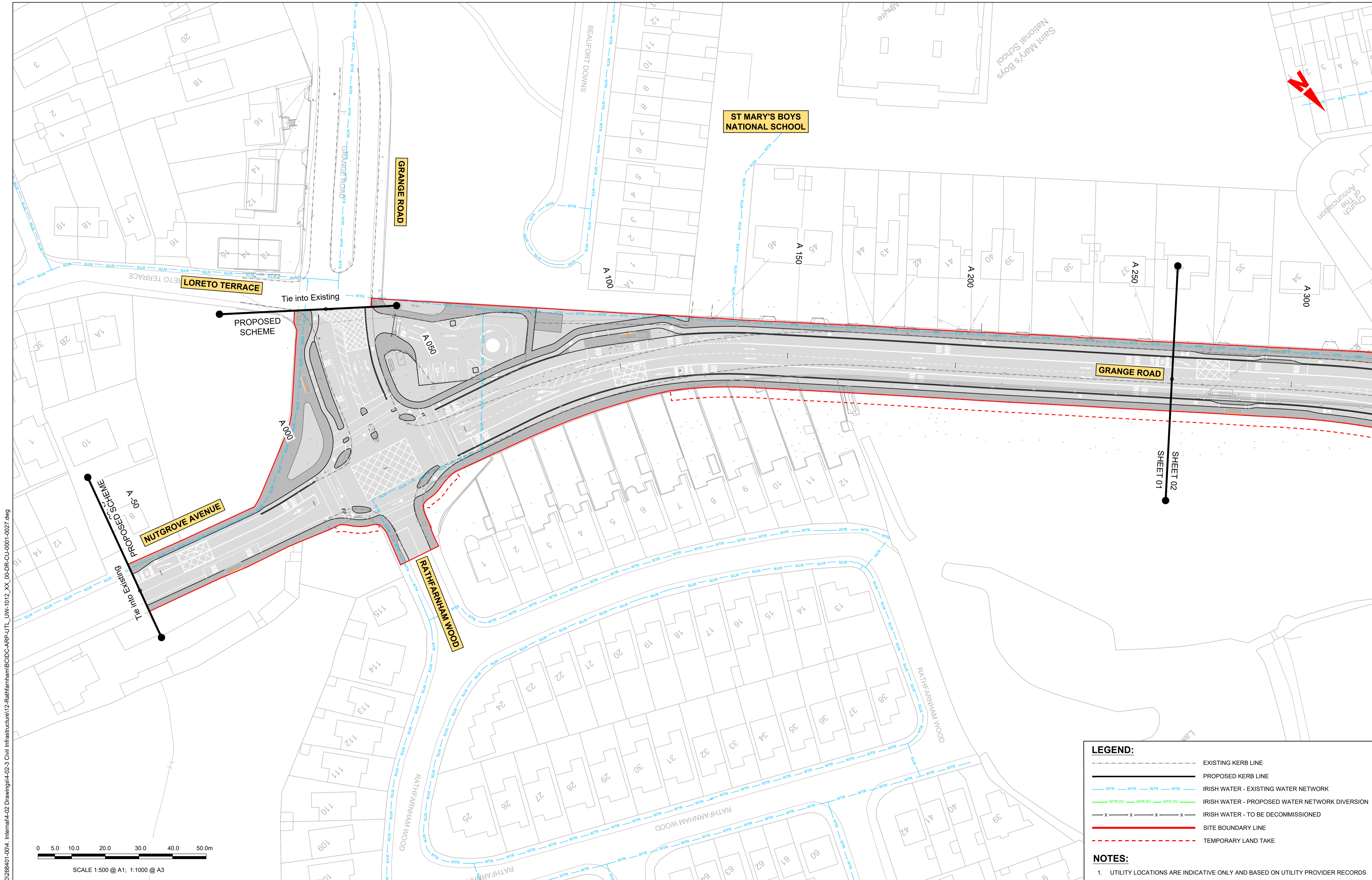
Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	AG	SW	DC	ISSUE FOR PHASE 4: PLANNING

Client
NTA
 Údarás Náisiúnta Iompair
 National Transport Authority

Engineering Designer
ARUP

Programme Title		Drawing Title	
BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS		TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS KEY PLAN	
Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-UTL_KP-1012_XX_00-DR-CU-0006	01 of 01	A	M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- IRISH WATER - TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND TAKE

NOTES:

- UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS

Disclaimer

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this information. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



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

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

Engineering Designer: **ARUP**

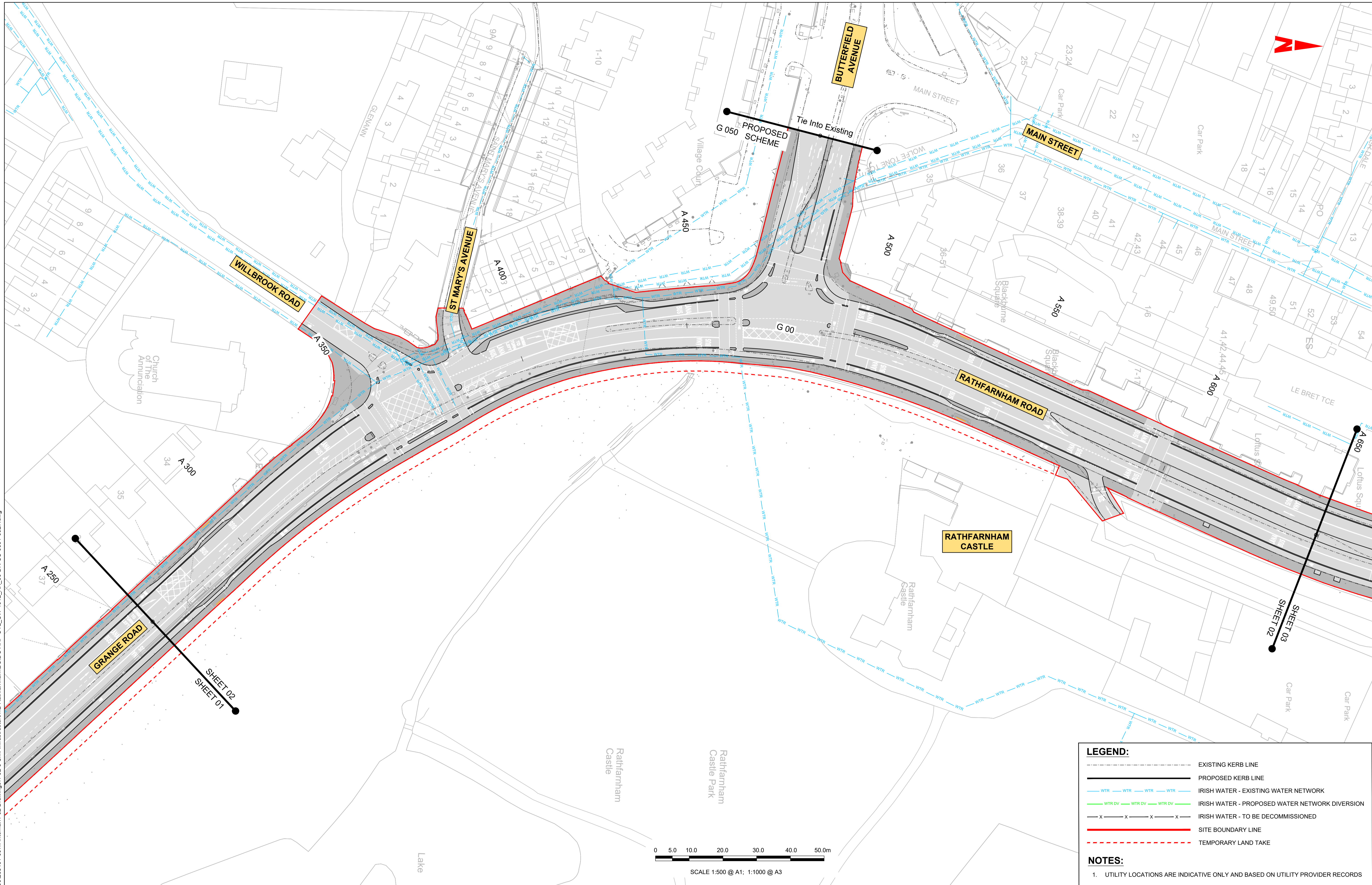
Date	Scale	Drawn	Checked	Approved
27/01/2023	1:500 @ A1 1:1000 @ A3	AG	SW	DC

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 IW WATER ASSET ALTERATIONS			
Drawing File Name: BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0001	Sheet Number: 01 of 37	Status: A	Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

\\global\europa\dublin\jobs\268401-0014_Internet\4-02 Drawings\4-02-3 Civil Infrastructure\12-Rathfarnham\BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0001-0027.dwg



LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- IRISH WATER - TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND TAKE

NOTES:

- UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS

Disclaimer
 a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.
 b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.
 c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish

Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.
 d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.

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

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

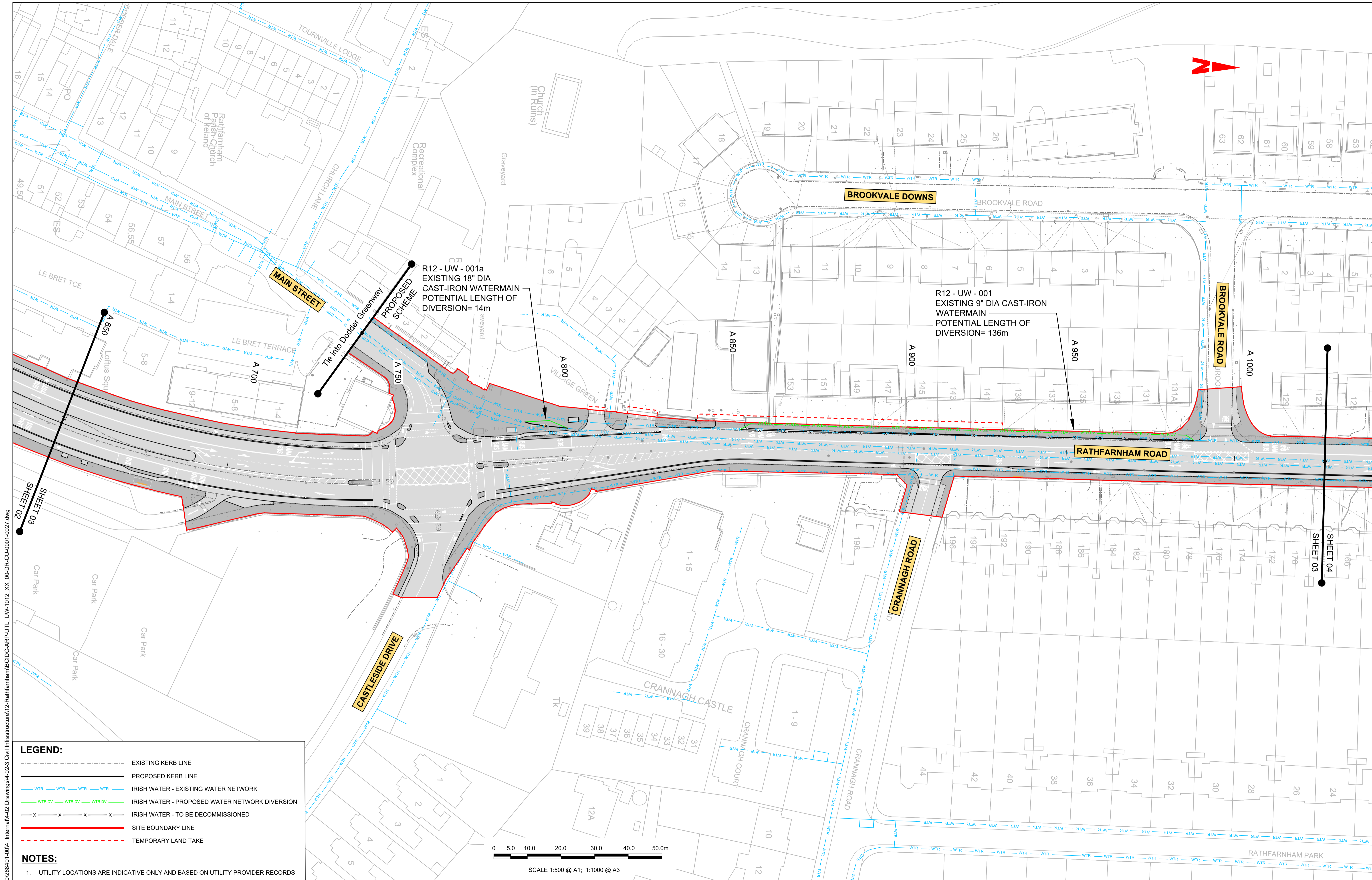
Engineering Designer: **ARUP**

Date	27/01/2023	Scale	1:500 @ A1 1:1000 @ A3	Drawn	AG	Checked	SW	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 IW WATER ASSET ALTERATIONS			
Drawing File Name BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0002	Sheet Number 02 of 37	Status A	Rev M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

\\global\europa\dublin\jobs\268000\268401-0014 - Internal\4-02 Drawings\4-02-3 Civil Infrastructure\12-Rathfarnham\BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0001-0027.dwg



LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- IRISH WATER - TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND TAKE

NOTES:

- UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS

Disclaimer

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.

Project Ireland 2040
Building Ireland's Future

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

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

Engineering Designer: **ARUP**

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

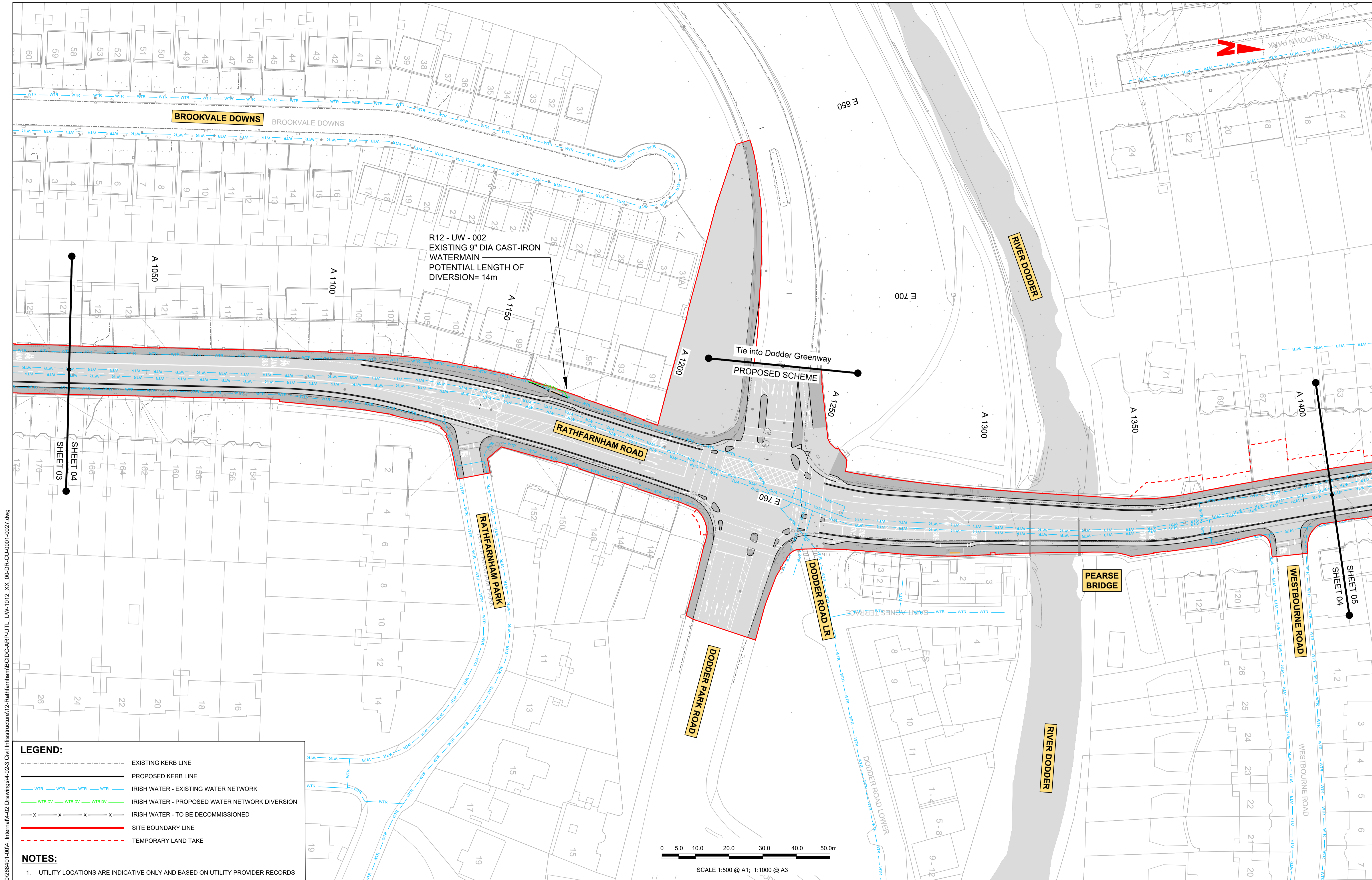
Drawn: AG
Checked: SW
Approved: DC

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 IW WATER ASSET ALTERATIONS			
Drawing File Name: BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0003	Sheet Number: 03 of 37	Status: A	Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

I:\global\europa\dublin\jobs\268401-004 - Internat\4-02 Drawings\4-02-3 Civil Infrastructure\12-Rathfarnham\BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0001-0027.dwg



R12 - UW - 002
EXISTING 9" DIA CAST-IRON
WATERMAIN
POTENTIAL LENGTH OF
DIVERSION= 14m

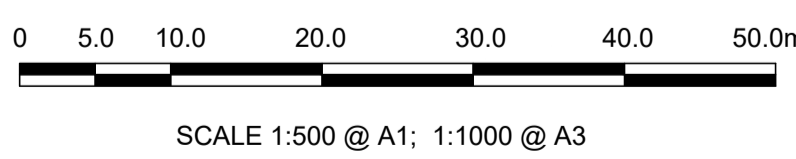
Tie into Dodder Greenway
PROPOSED SCHEME

LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- IRISH WATER - TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND TAKE

NOTES:

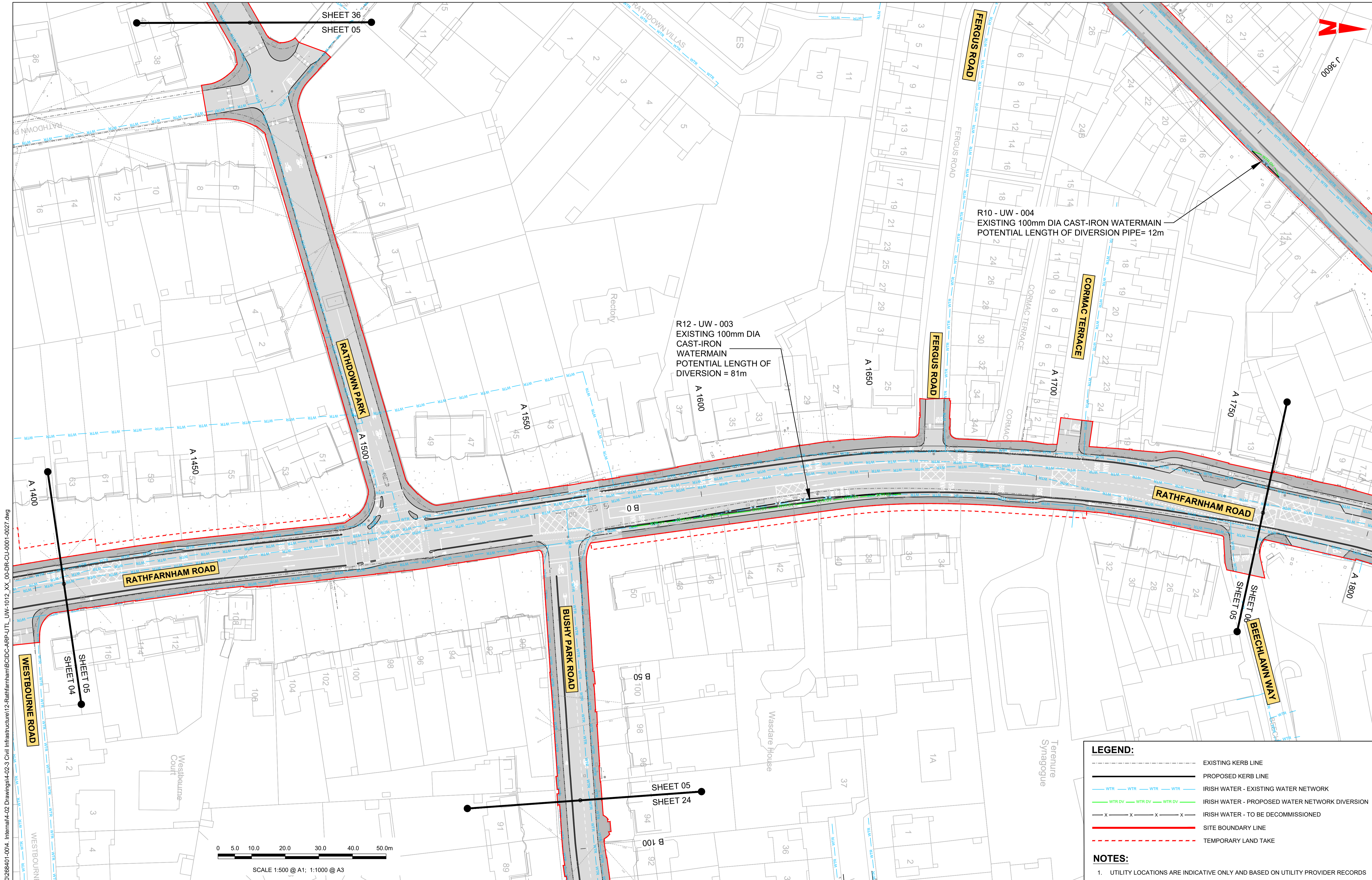
1. UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS



\\global\people\dublin\jobs\268401-004 - Internal\4-02 Drawings\4-02-3 Civil Infrastructure\12-Rathfarnham\BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0001-0027.dwg

<p><small>Disclaimer</small></p> <p>a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.</p> <p>b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.</p> <p>c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.</p> <p>d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superseded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.</p>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Rev</th> <th>Date</th> <th>Drn</th> <th>Chk'd</th> <th>App'd</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>M01</td> <td>27/01/2023</td> <td>AG</td> <td>SW</td> <td>DC</td> <td>ISSUE FOR PHASE 4: PLANNING</td> </tr> </tbody> </table>	Rev	Date	Drn	Chk'd	App'd	Description	M01	27/01/2023	AG	SW	DC	ISSUE FOR PHASE 4: PLANNING	<p>Client</p> <p>NTA Udárás Náisiúnta Iompair National Transport Authority</p> <p>Date: 27/01/2023 Scale: 1:500 @ A1 1:1000 @ A3</p> <p>Project Code: BCIDC Originator Code: ARP</p>	<p>Engineering Designer</p> <p>ARUP</p> <p>Drawn: AG Checked: SW Approved: DC</p> <p>QMS Code: 268401-00</p>	<p>Programme Title</p> <p>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</p> <p>Drawing Title</p> <p>TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS</p> <p>Drawing File Name: BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0004 Sheet Number: 04 of 37 Status: A Rev: M01</p>
Rev	Date	Drn	Chk'd	App'd	Description												
M01	27/01/2023	AG	SW	DC	ISSUE FOR PHASE 4: PLANNING												

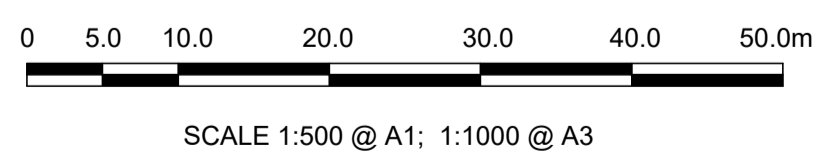
DO NOT SCALE USE FIGURED DIMENSIONS ONLY



SHEET 36
SHEET 05

R12 - UW - 003
EXISTING 100mm DIA
CAST-IRON
WATERMAIN
POTENTIAL LENGTH OF
DIVERSION = 81m

R10 - UW - 004
EXISTING 100mm DIA CAST-IRON WATERMAIN
POTENTIAL LENGTH OF DIVERSION PIPE= 12m



LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- IRISH WATER - TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND TAKE

NOTES:

- UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS

\global\europa\dublin\jobs\268401-004 - Internal\4-02 Drawings\4-02-3 Civil Infrastructure\12-Rathfarnham\BCIDC-ARP-JTL_UW-1012_XX_00-DR-CU-0001-0027.dwg
 \global\europa\dublin\jobs\268401-004 - Internal\4-02 Drawings\4-02-3 Civil Infrastructure\12-Rathfarnham\BCIDC-ARP-JTL_UW-1012_XX_00-DR-CU-0001-0027.dwg

Disclaimer

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the title block. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superseded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.

Project Ireland 2040
Building Ireland's Future

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

Client		Engineering Designer	
NTA Udarás Náisiúnta Iompair National Transport Authority		ARUP	
Date	Scale	Drawn	Checked
27/01/2023	1:500 @ A1 1:1000 @ A3	AG	SW
Approved	DC	QMS Code	
BCIDC	ARP	268401-00	

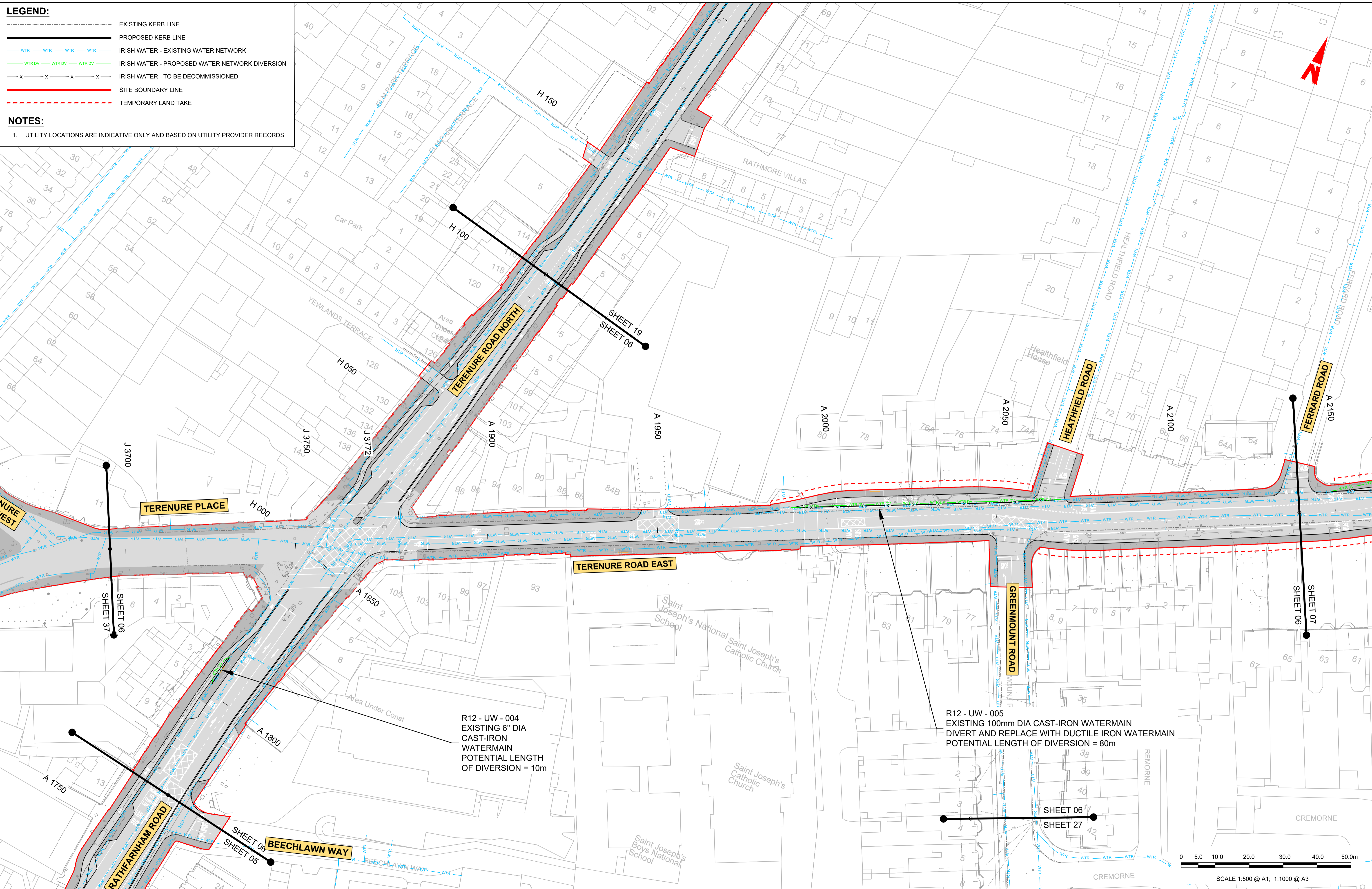
Programme Title			
BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title			
TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0005	05 of 37	A	M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

- LEGEND:**
- EXISTING KERB LINE
 - PROPOSED KERB LINE
 - WTR WTR WTR WTR IRISH WATER - EXISTING WATER NETWORK
 - WTR DV WTR DV WTR DV IRISH WATER - PROPOSED WATER NETWORK DIVERSION
 - X — X — X — X IRISH WATER - TO BE DECOMMISSIONED
 - SITE BOUNDARY LINE
 - - - - - TEMPORARY LAND TAKE

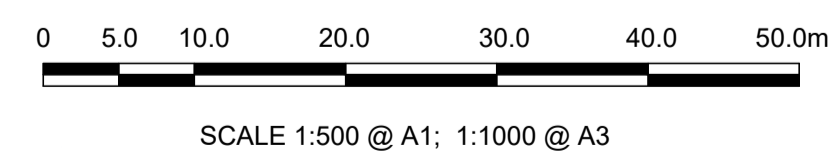
NOTES:

1. UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS



R12 - UW - 004
EXISTING 6" DIA
CAST-IRON
WATERMAIN
POTENTIAL LENGTH
OF DIVERSION = 10m

R12 - UW - 005
EXISTING 100mm DIA CAST-IRON WATERMAIN
DIVERT AND REPLACE WITH DUCTILE IRON WATERMAIN
POTENTIAL LENGTH OF DIVERSION = 80m



Disclaimer

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



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

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

Engineering Designer: **ARUP**

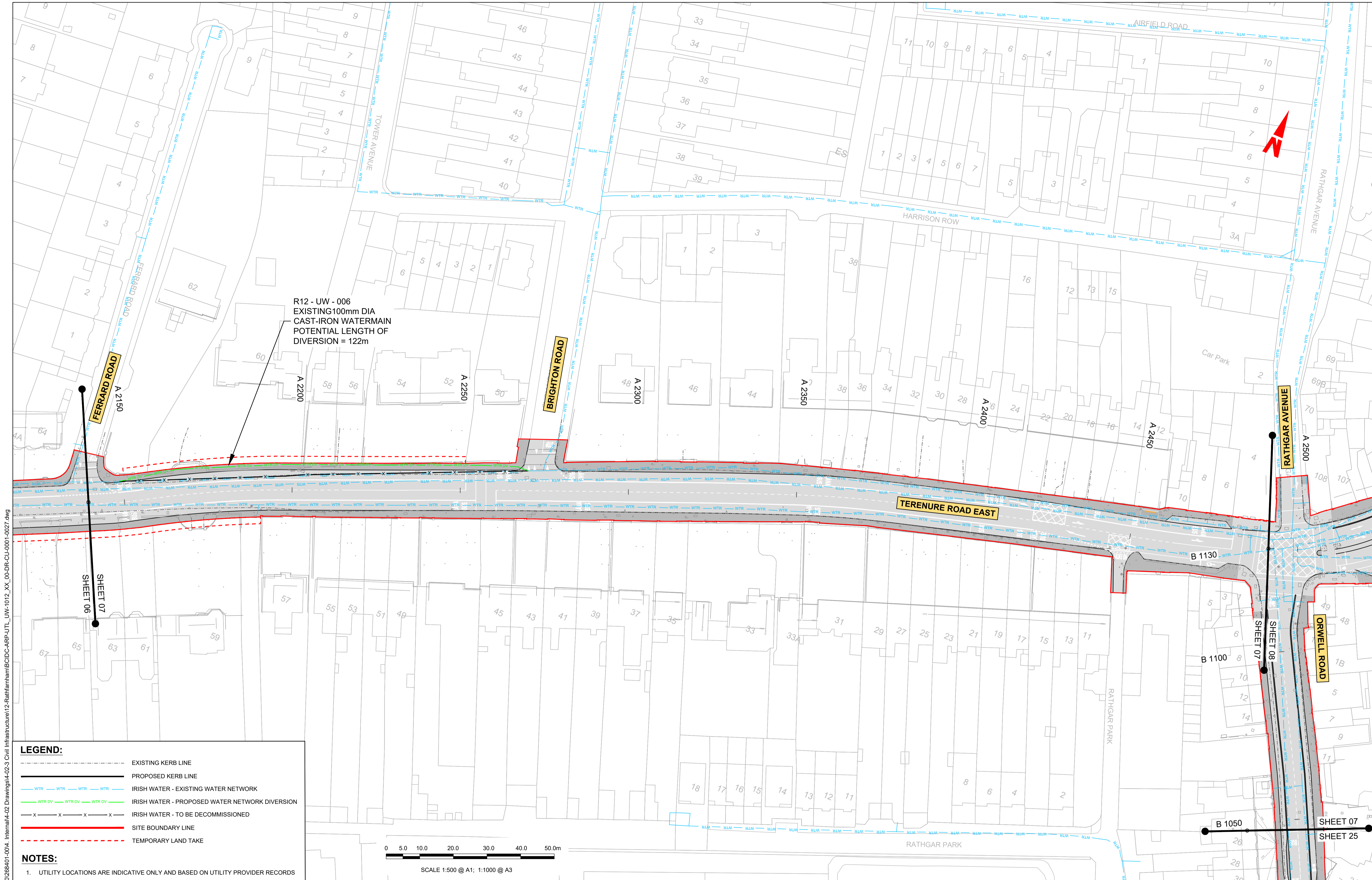
Date: 27/01/2023
Scale: 1:500 @ A1
1:1000 @ A3

Drawn: AG
Checked: SW
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 IW WATER ASSET ALTERATIONS			
Drawing File Name BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0006	Sheet Number 06 of 37	Status A	Rev M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



R12 - UW - 006
EXISTING 100mm DIA
CAST-IRON WATERMAIN
POTENTIAL LENGTH OF
DIVERSION = 122m

LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- IRISH WATER - TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND TAKE

NOTES:

- UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS

Disclaimer

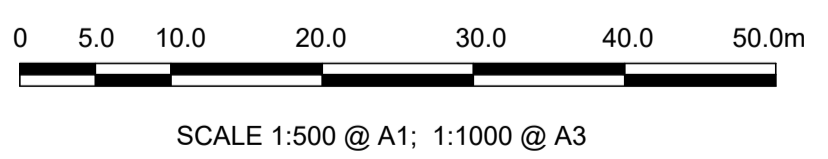
a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



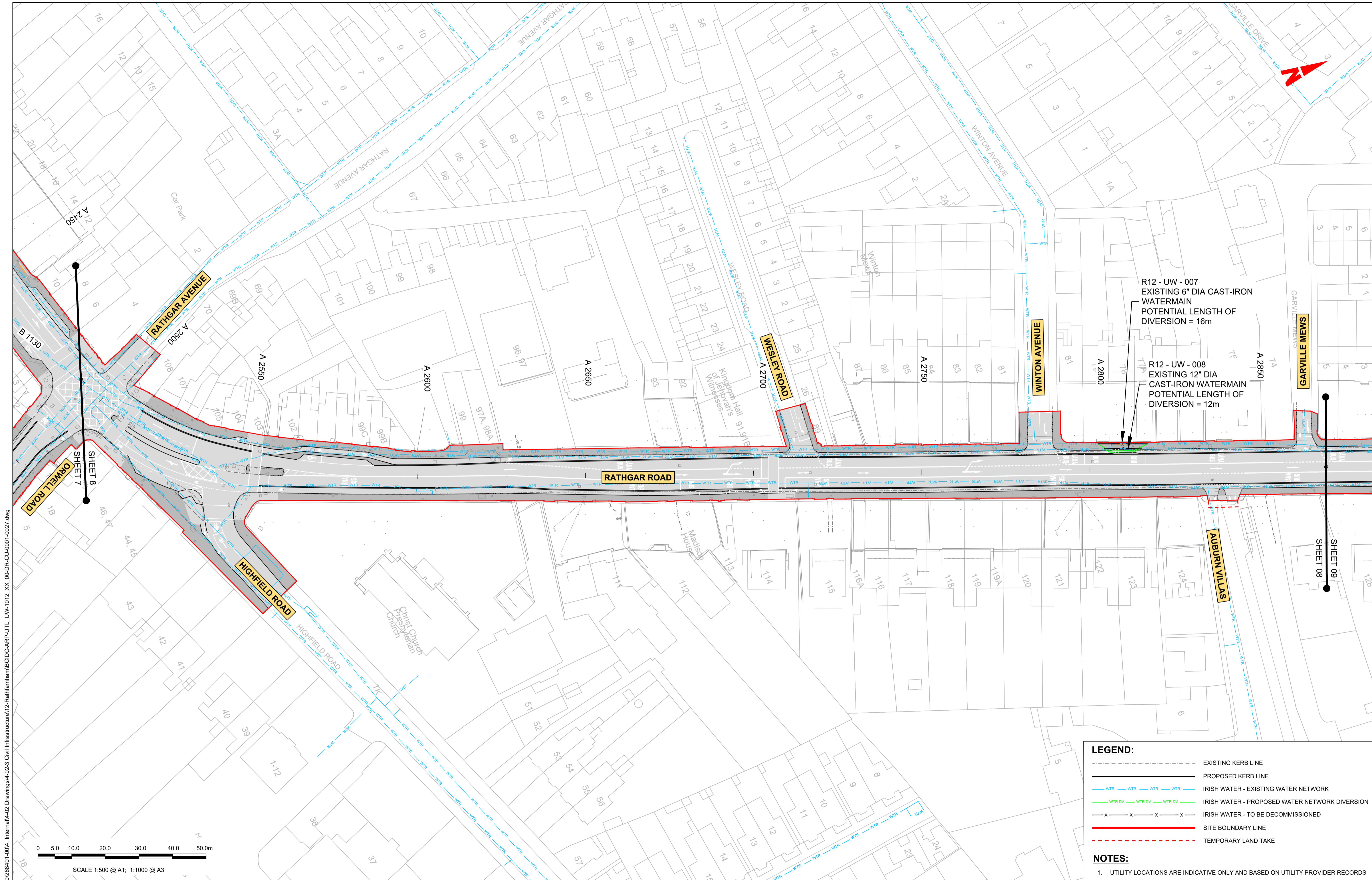
\\global\europa\dublin\jobs\268401-0014 - Internal\4-02 Drawings\4-02-3 Civil Infrastructure\12-Rathfarnham\BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0001-0027.dwg

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

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

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0007	07 of 37	A	M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



R12 - UW - 007
 EXISTING 6" DIA CAST-IRON
 WATERMAIN
 POTENTIAL LENGTH OF
 DIVERSION = 16m

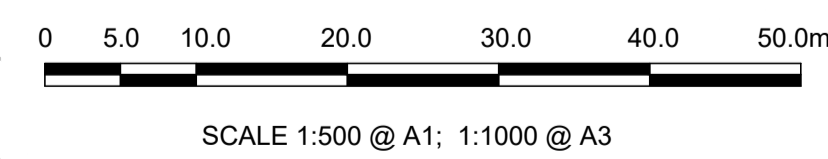
R12 - UW - 008
 EXISTING 12" DIA
 CAST-IRON WATERMAIN
 POTENTIAL LENGTH OF
 DIVERSION = 12m

LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- WTR IRISH WATER - EXISTING WATER NETWORK
- WTR DV IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- x x x x IRISH WATER - TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- - - - - TEMPORARY LAND TAKE

NOTES:

- UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS



\global\europa\dublin\jobs\268401-004 - Internal\4-02 Drawings\4-02-3 Civil Infrastructure\12-Rathfarnham\BCIDC-ARP-JTL_UW-1012_XX_00-DR-CU-0001-0027.dwg

Disclaimer

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



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

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

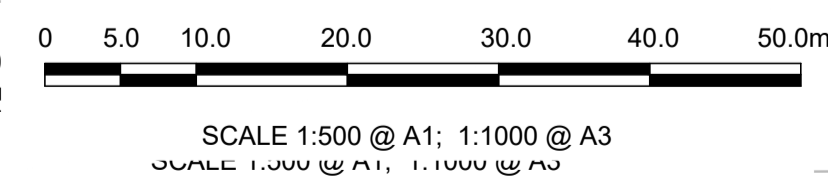
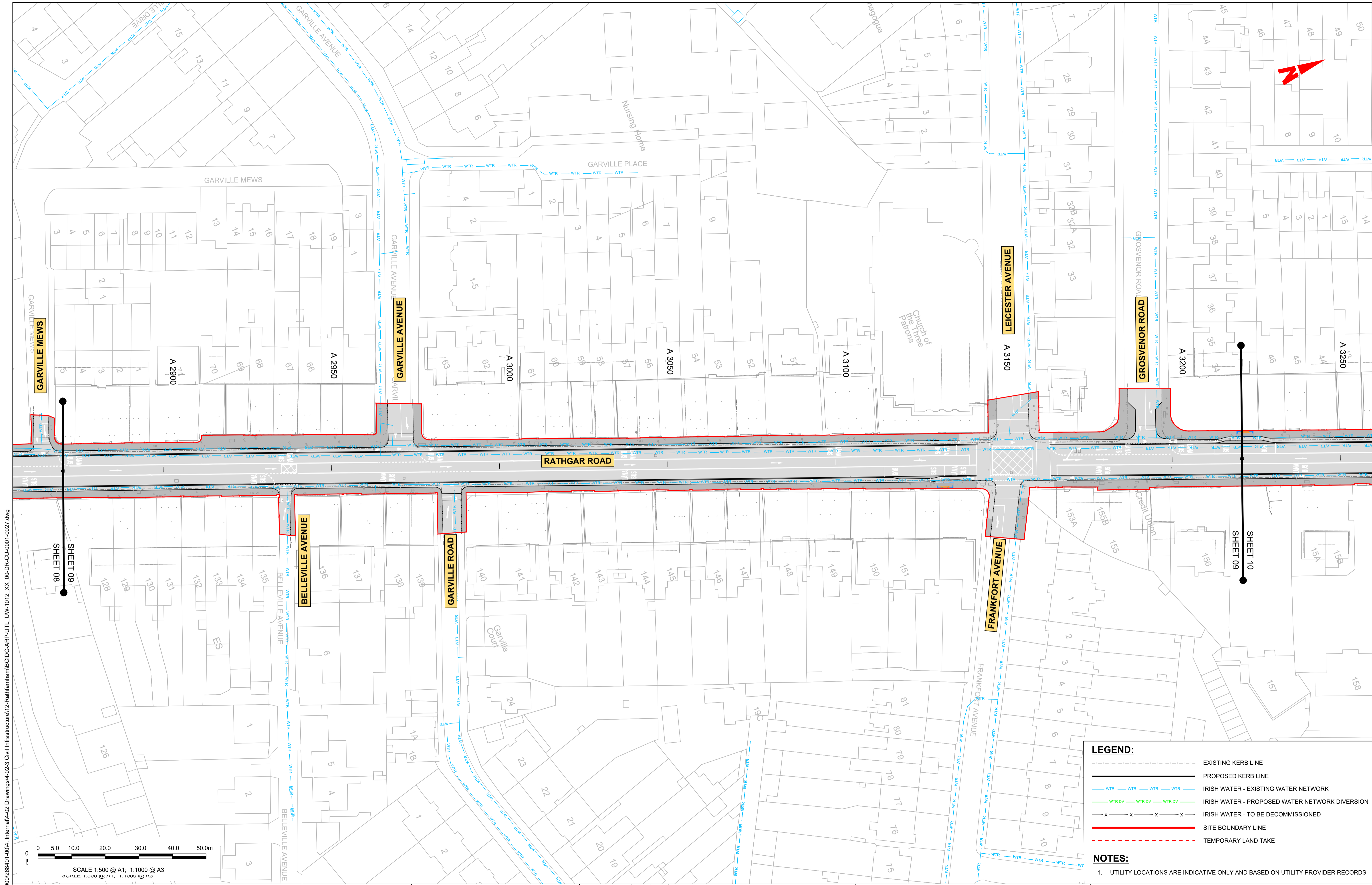
Engineering Designer: **ARUP**

Date: 27/01/2023 Scale: 1:500 @ A1, 1:1000 @ A3
 Drawn: AG, Checked: SW, 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 IW WATER ASSET ALTERATIONS			
Drawing File Name: BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0008	Sheet Number: 08 of 37	Status: A	Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- IRISH WATER - TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND TAKE

NOTES:

- UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS

Disclaimer

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



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

Client

NTA
Údarás Náisiúnta Iompair
National Transport Authority

Date: 27/01/2023

Scale: 1:500 @ A1
1:1000 @ A3

Drawn: AG

Checked: SW

Approved: DC

Project Code: BCIDC

Originator Code: ARP

QMS Code: 268401-00

Engineering Designer

ARUP

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

Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME
IW WATER ASSET ALTERATIONS

Drawing File Name: BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0009

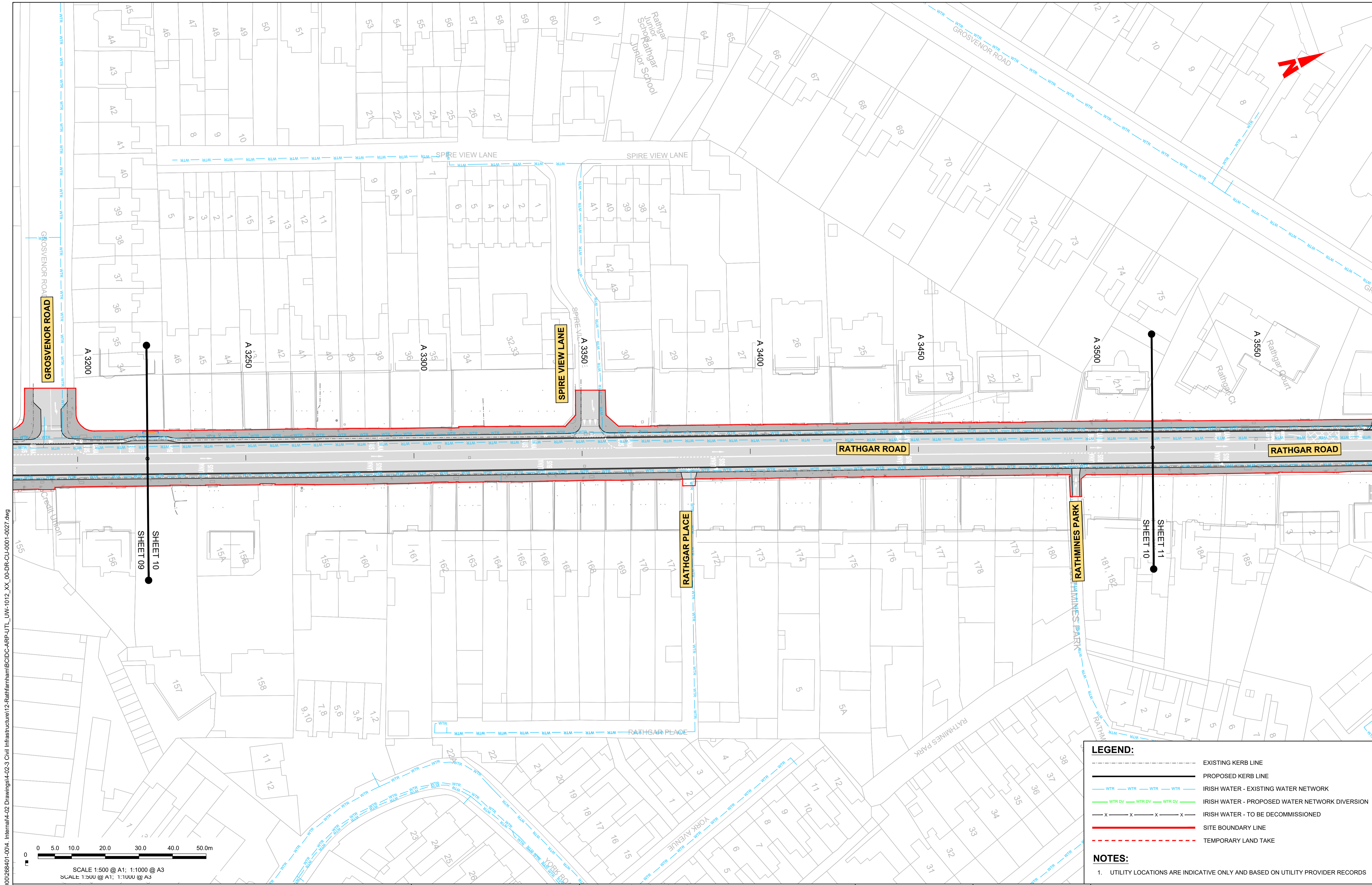
Sheet Number: 09 of 37

Status: A

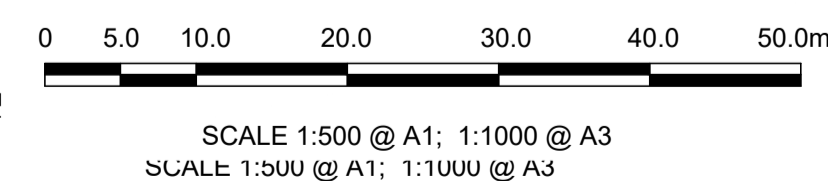
Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

\\global\people\dublin\jobs\268401-004_Intemat4-02 Drawings\4-02-3 Civil Infrastructure\12-Rathfarnham\BCIDC-ARP-JTL_UW-1012_XX_00-DR-CU-0001-0027.dwg



\global\europa\dublin\jobs\268401-0014 - Internal\4-02 Drawings\4-02-3 Civil Infrastructure\12-Rathfarnham\BCIDC-ARP-JTL_UW-1012_XX_00-DR-CU-0001-0027.dwg



LEGEND:

	EXISTING KERB LINE
	PROPOSED KERB LINE
	IRISH WATER - EXISTING WATER NETWORK
	IRISH WATER - PROPOSED WATER NETWORK DIVERSION
	IRISH WATER - TO BE DECOMMISSIONED
	SITE BOUNDARY LINE
	TEMPORARY LAND TAKE

NOTES:

- UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS

Disclaimer
 a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.
 b. This drawing is to be used for the design element identified in the title block. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.
 c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.

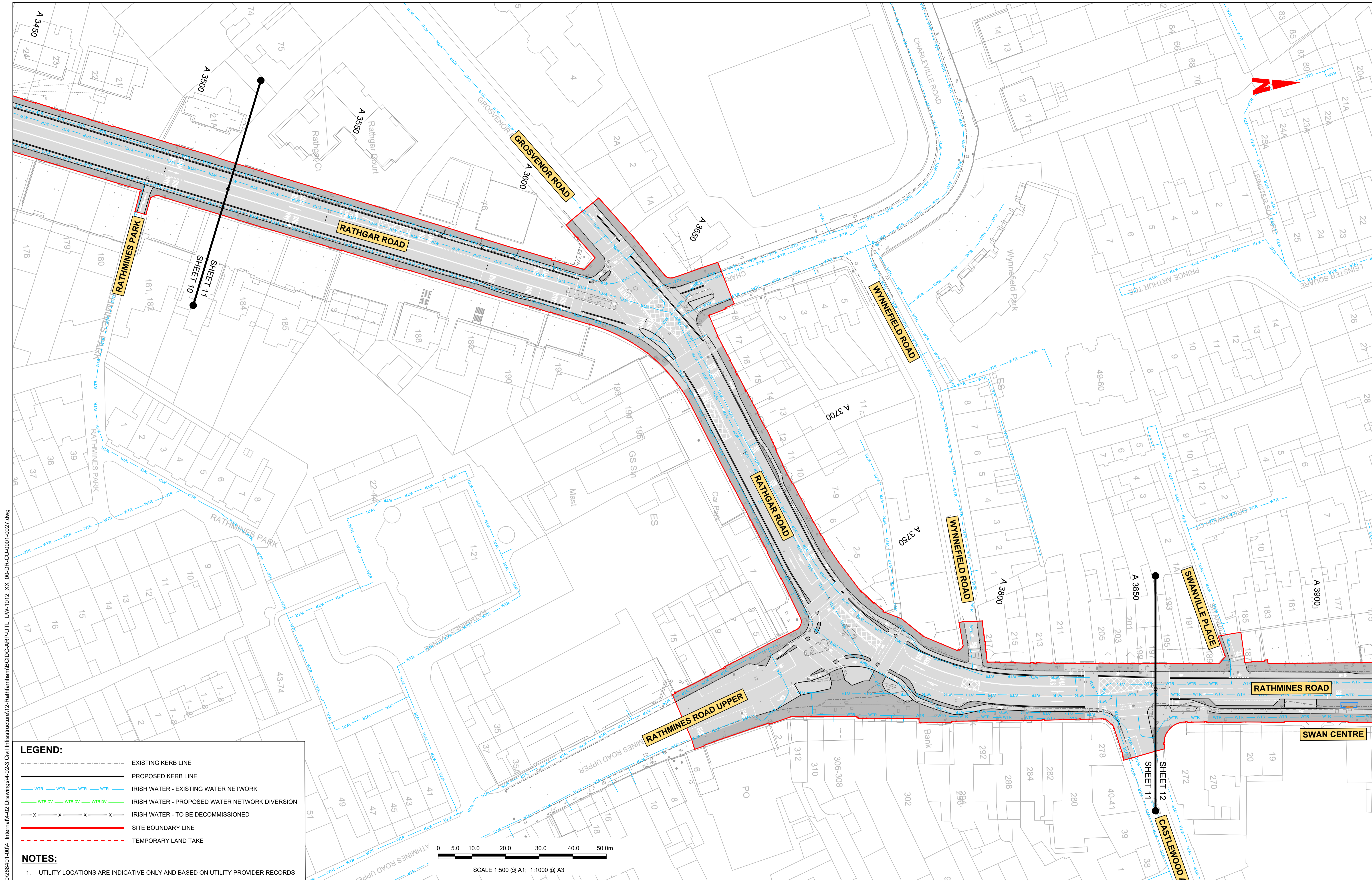


Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	AG	SW	DC	ISSUE FOR PHASE 4: PLANNING

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

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0010	10 of 37	A	M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



LEGEND:

- - - - - EXISTING KERB LINE
- — — — — PROPOSED KERB LINE
- WTR — WTR — WTR — WTR — IRISH WATER - EXISTING WATER NETWORK
- WTR DV — WTR DV — WTR DV — WTR DV — IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- x - x - x - x - IRISH WATER - TO BE DECOMMISSIONED
- — — — — SITE BOUNDARY LINE
- - - - - TEMPORARY LAND TAKE

NOTES:

- UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS

Disclaimer

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.

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

Project Ireland 2040
Building Ireland's Future

NTA
Udarás Náisiúnta Iompair
National Transport Authority

ARUP

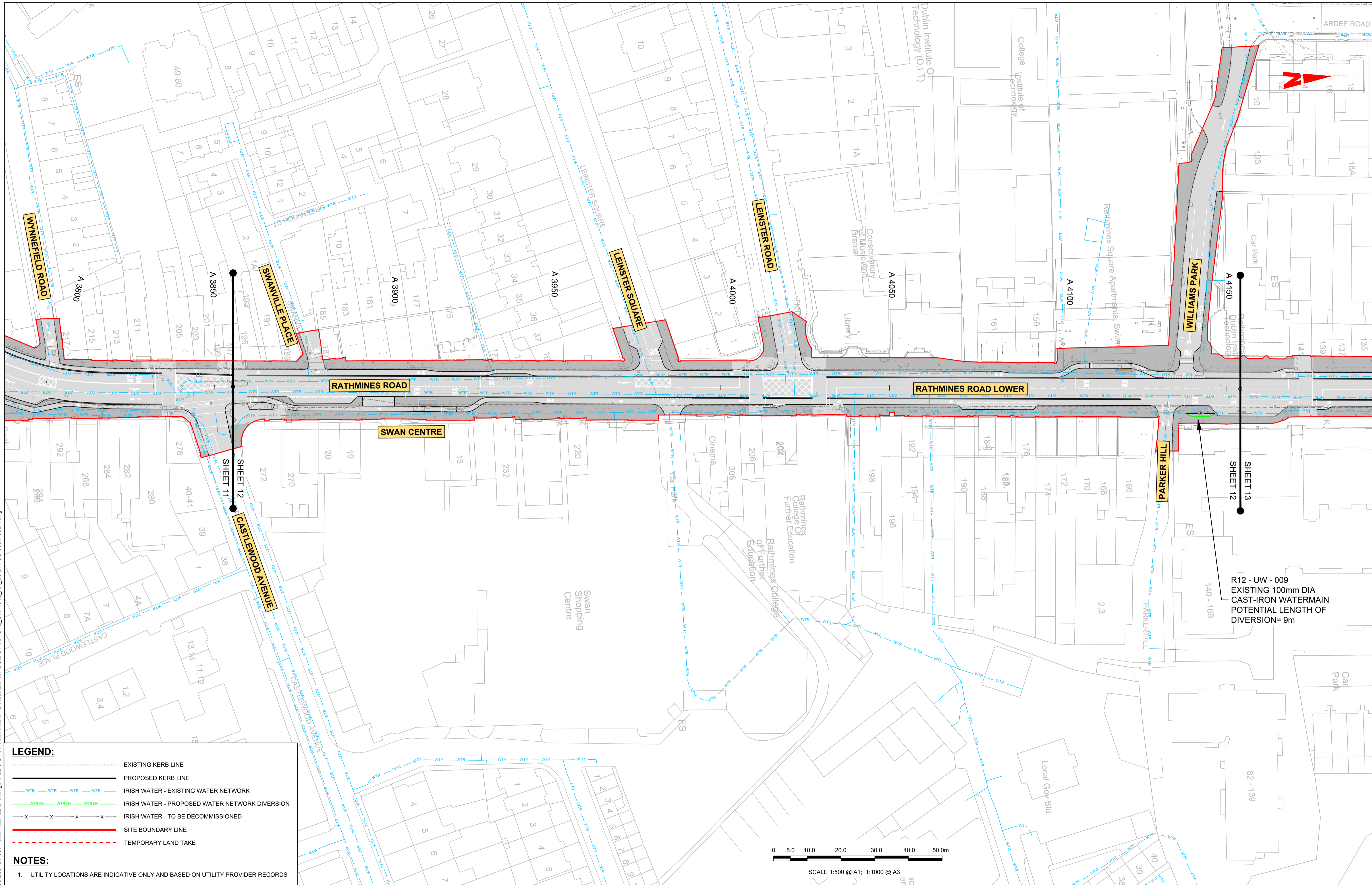
Date: 27/01/2023
Scale: 1:500 @ A1, 1:1000 @ A3
Drawn: AG, Checked: SW, Approved: DC

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

Programme Title		BUSCONNECTS DUBLIN	
Drawing Title		CORE BUS CORRIDORS INFRASTRUCTURE WORKS	
Drawing File Name		Sheet Number	Status
BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0011		11 of 37	A
Revision		Rev	M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

I:\global\europa\Dublin\jobs\268401-0014 - Internal\4-02 Drawings\4-02-3 Civil Infrastructure\12-Rathfarnham\BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0011-0027.dwg

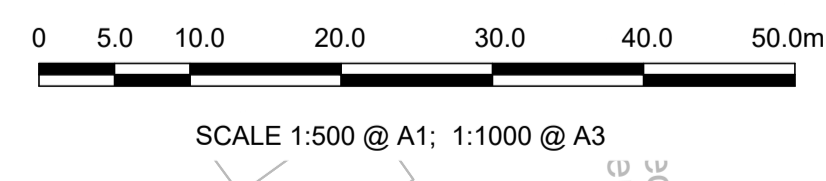


LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- IRISH WATER - TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND TAKE

NOTES:

- UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS



R12 - UW - 009
EXISTING 100mm DIA
CAST-IRON WATERMAIN
POTENTIAL LENGTH OF
DIVERSION= 9m

Disclaimer

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.

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

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

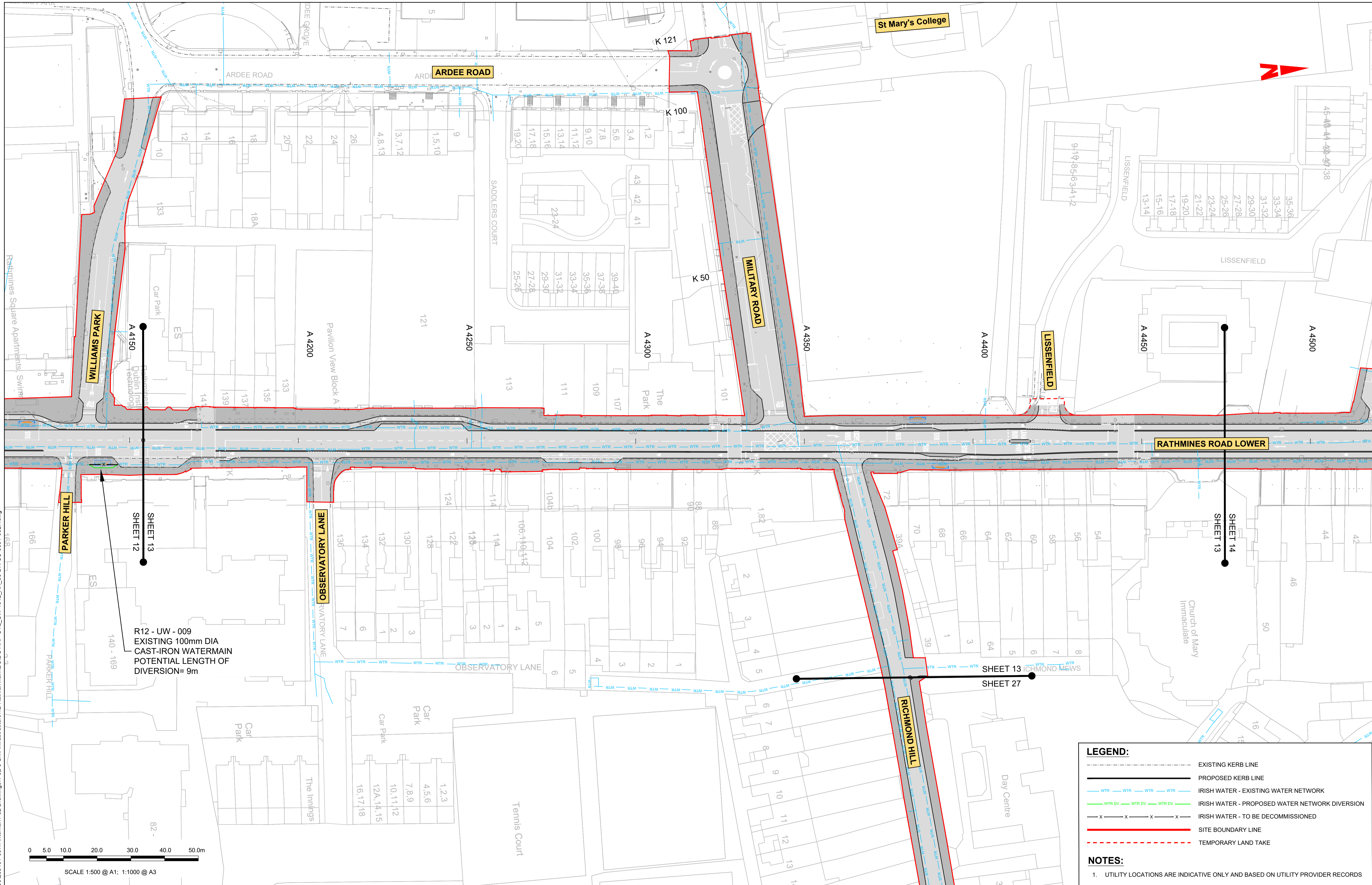
Engineering Designer: **ARUP**

Date	27/01/2023	Scale	1:500 @ A1 1:1000 @ A3	Drawn	AG	Checked	SW	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 IW WATER ASSET ALTERATIONS			
Drawing File Name	BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0012	Sheet Number	12 of 37
Status	A	Rev	M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

I:\global\europel\dublin\jobs\268401-0014 - Internal\4-02 Drawings\4-02-3 Civil Infrastructure\12-Rathfarnham\BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-001-0027.dwg



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

LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- IRISH WATER - TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND TAKE

NOTES:

- UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS

Disclaimer
 a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.
 b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.
 c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.
 d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.

Project Ireland 2040
 Building Ireland's Future

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

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

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

Drawn: AG
 Checked: SW
 Approved: DC

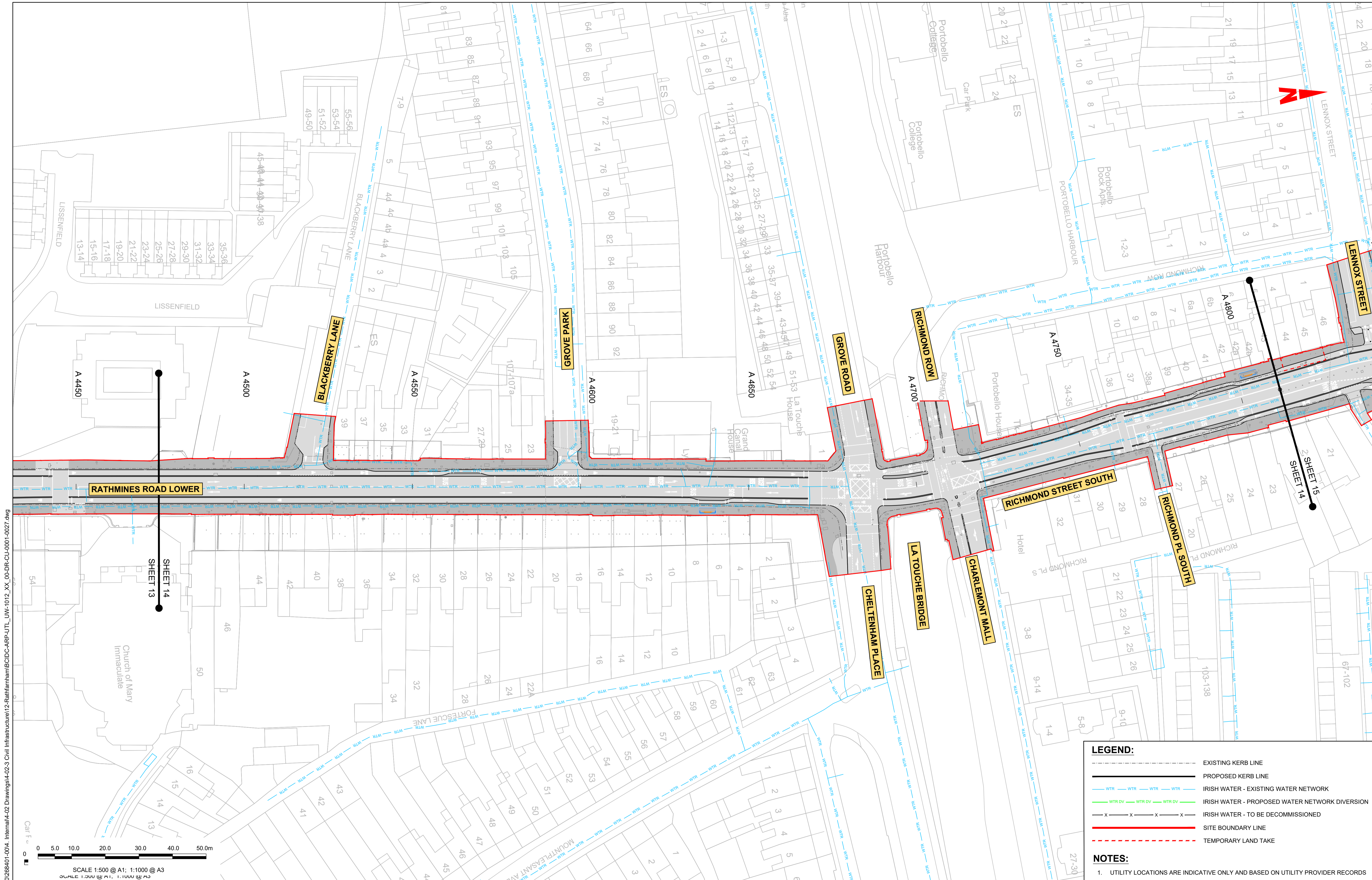
Project Code: BCIDC
 Originator Code: ARP
 QMS Code: 268401-00

Engineering Designer: **ARUP**

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

Drawing Title: **TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS**

Drawing File Name: BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0013
 Sheet Number: 13 of 37
 Status: A
 Rev: M01



LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- IRISH WATER - TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND TAKE

NOTES:

- UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS

Scale: 1:500 @ A1, 1:1000 @ A3
 SCALE 1:500 @ A1, 1:1000 @ A3

Church of Mary Immaculate

Project Ireland 2040
 Building Ireland's Future

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

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

Engineering Designer: **ARUP**

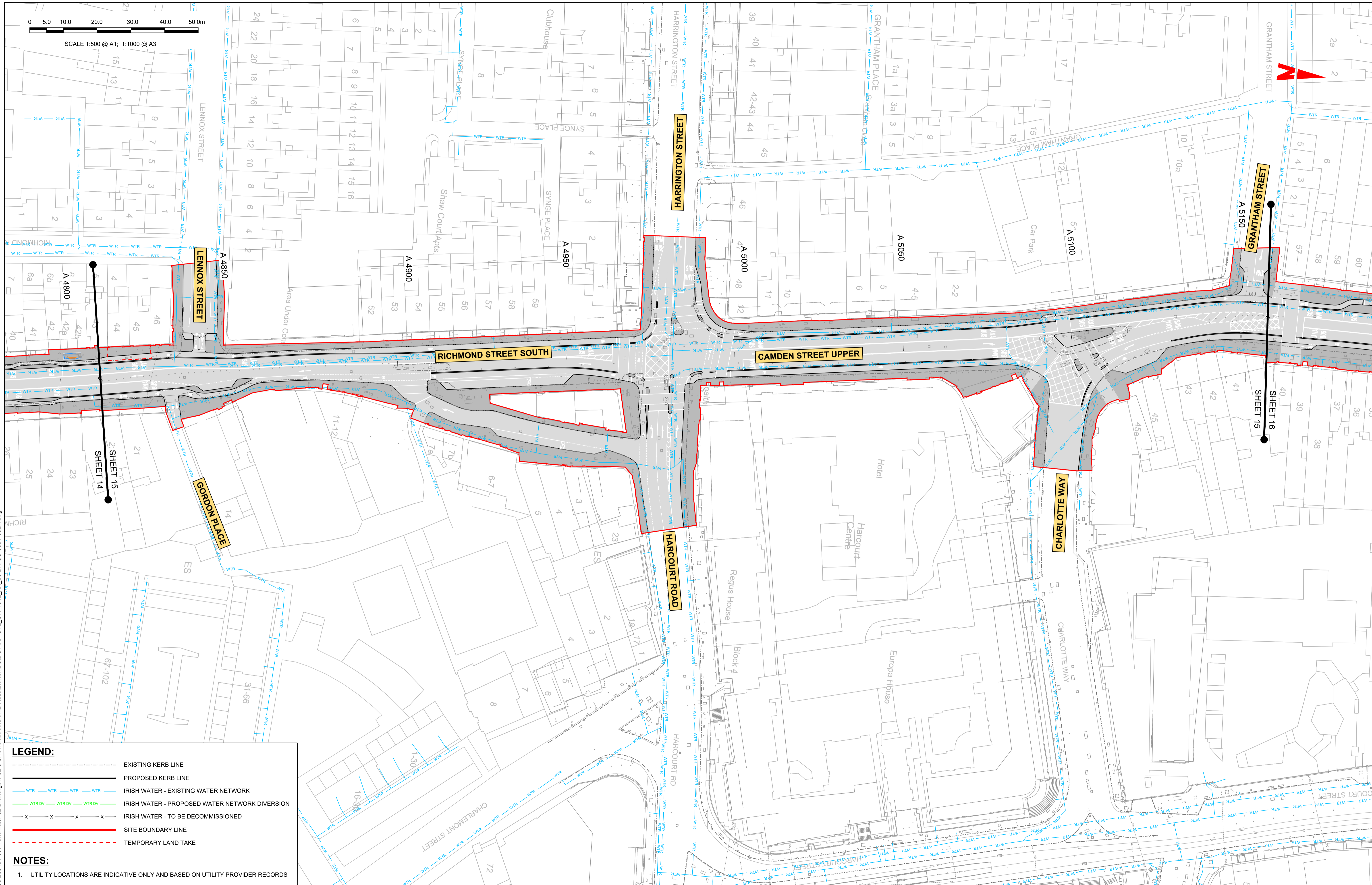
Date: 27/01/2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: AG | Checked: SW | Approved: DC

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 IW WATER ASSET ALTERATIONS**

Drawing File Name: BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0014 | Sheet Number: 14 of 37 | Status: A | Rev: M01



LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- IRISH WATER - TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND TAKE

NOTES:

- UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS

Disclaimer

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superseded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	AG	SW	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

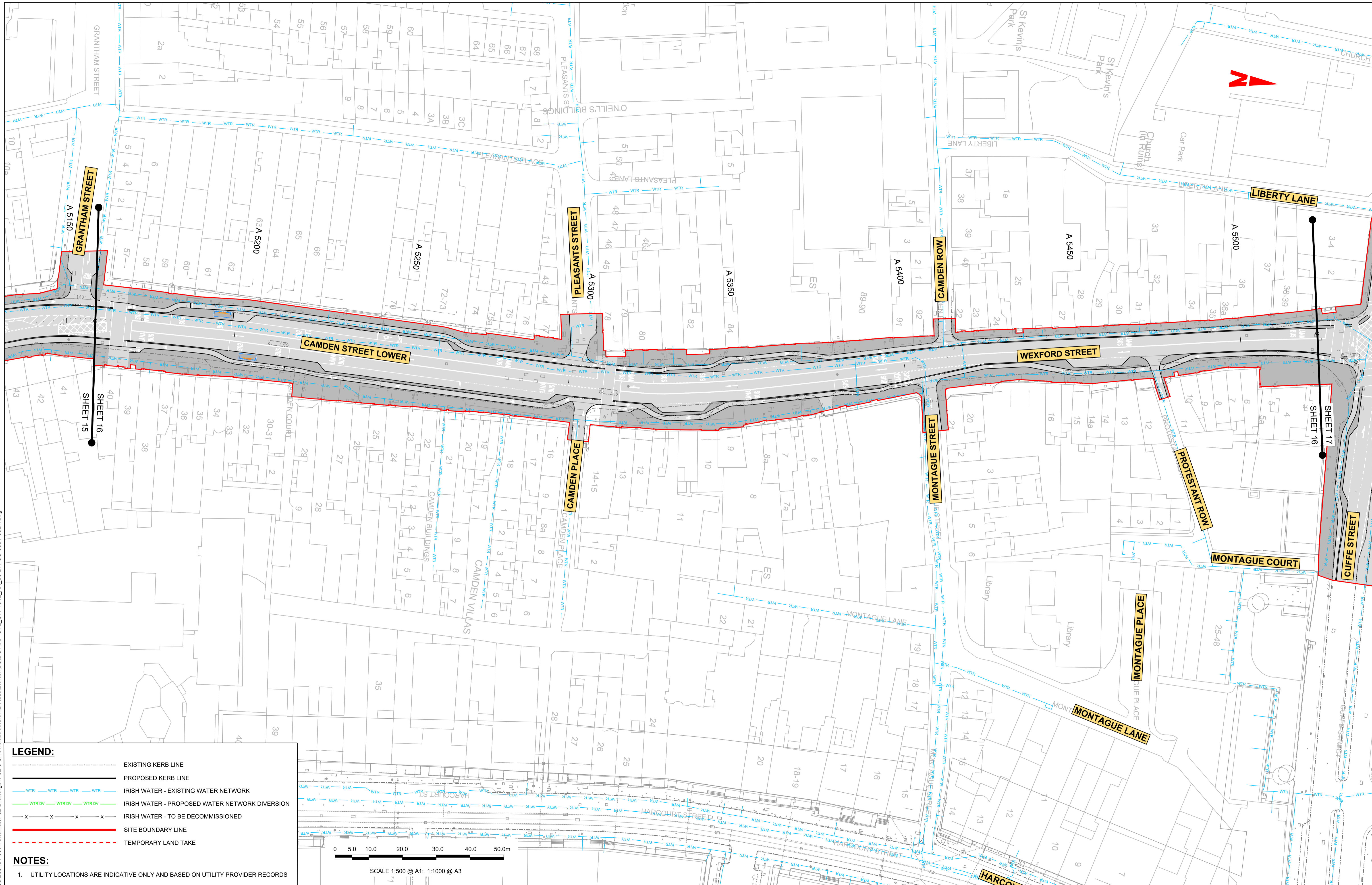
Drawn: AG Checked: SW Approved: DC

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 IW WATER ASSET ALTERATIONS			
Drawing File Name: BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0015	Sheet Number: 15 of 37	Status: A	Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

I:\global\projects\268401-004 - Internat\4-02 Drawings\4-02-3 Civil Infrastructure\12-Rathfarnham\BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-001-0027.dwg

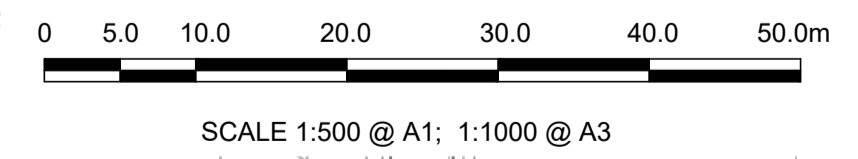


LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- IRISH WATER - TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND TAKE

NOTES:

- UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS



Disclaimer

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish

Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



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

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

Engineering Designer: **ARUP**

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

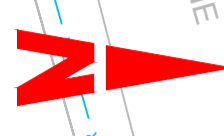
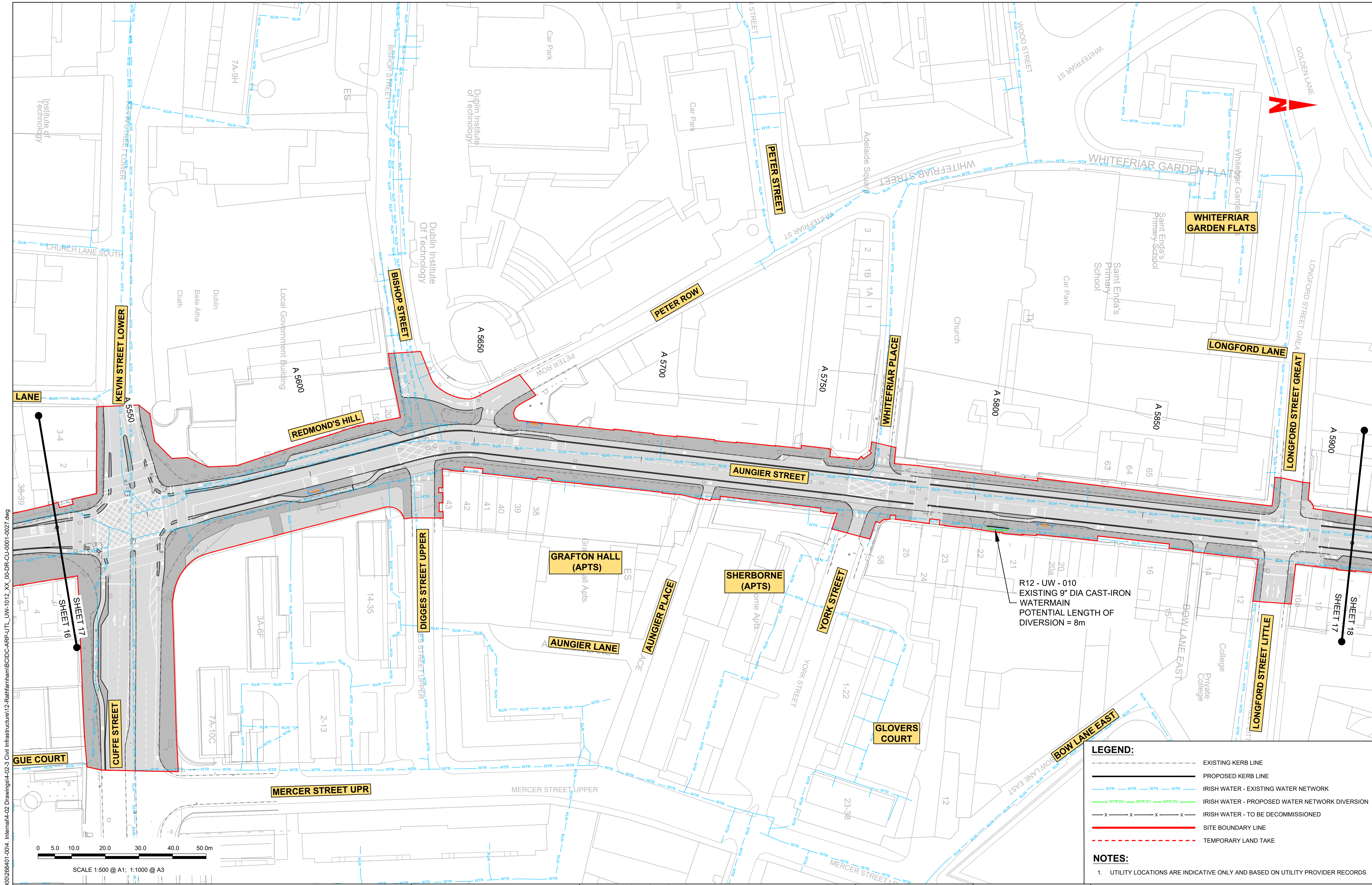
Drawn: AG
Checked: SW
Approved: DC

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 IW WATER ASSET ALTERATIONS			
Drawing File Name: BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0016	Sheet Number: 16 of 37	Status: A	Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

I:\global\europa\dublin\jobs\268401-004 - Internal\4-02 Drawings\4-02-3 Civil Infrastructure\12-Rathfarnham\BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-001-0027.dwg

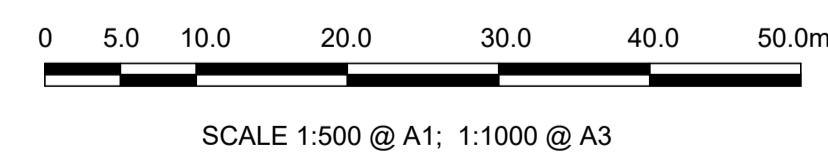


R12 - UW - 010
EXISTING 9" DIA CAST-IRON
WATERMAIN
POTENTIAL LENGTH OF
DIVERSION = 8m

LEGEND:

	EXISTING KERB LINE
	PROPOSED KERB LINE
	IRISH WATER - EXISTING WATER NETWORK
	IRISH WATER - PROPOSED WATER NETWORK DIVERSION
	IRISH WATER - TO BE DECOMMISSIONED
	SITE BOUNDARY LINE
	TEMPORARY LAND TAKE

NOTES:
1. UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS



Disclaimer

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OS Grid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.

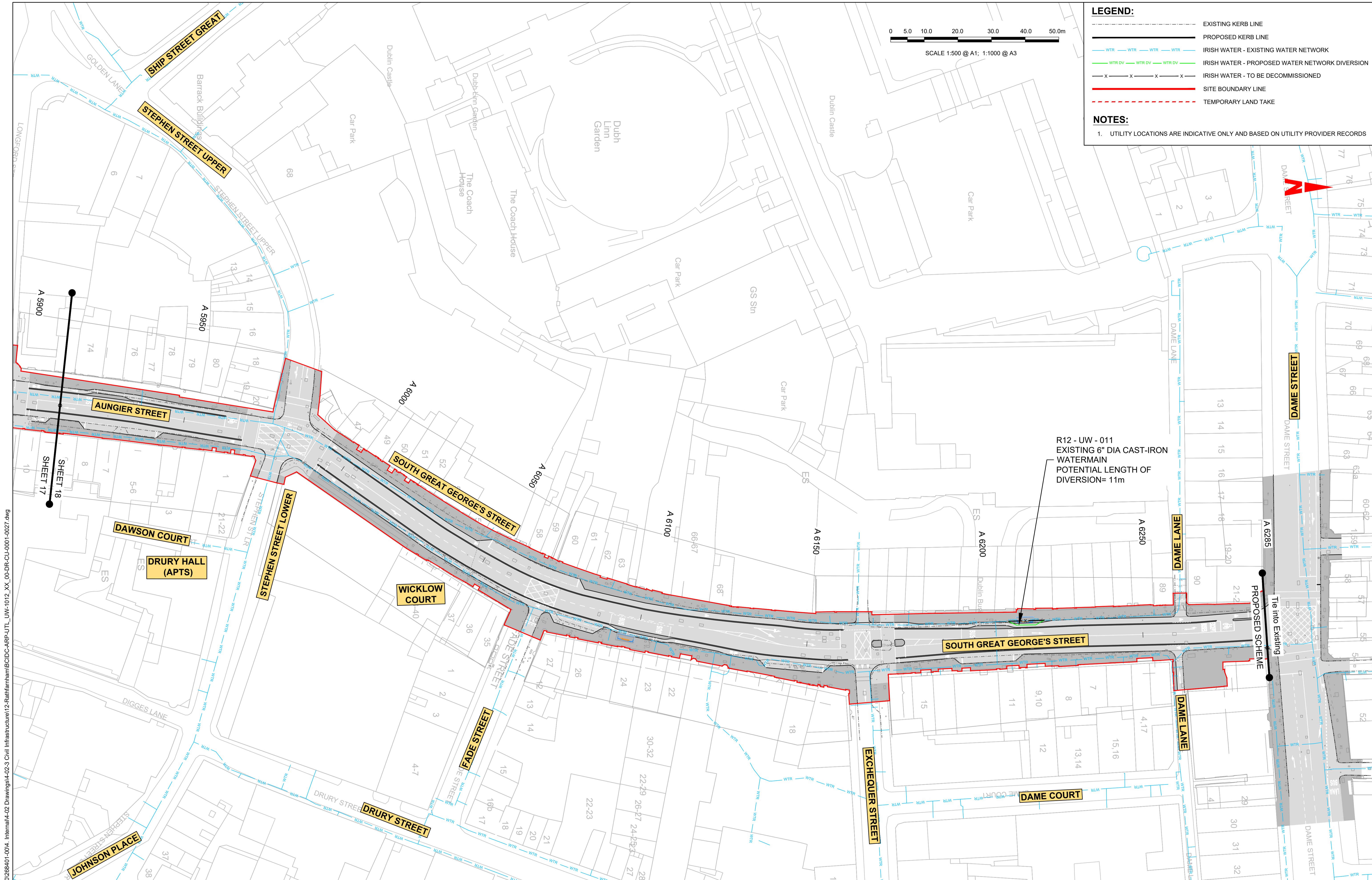


Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	AG	SW	DC	ISSUE FOR PHASE 4: PLANNING

Client NTA Udarás Náisiúnta Iompair National Transport Authority		Engineering Designer		
Date 27/01/2023	Scale 1:500 @ A1 1:1000 @ A3	Drawn AG	Checked SW	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 IW WATER ASSET ALTERATIONS				
Drawing File Name BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0017	Sheet Number 17 of 37	Status A	Rev M01	

DO NOT SCALE USE FIGURED DIMENSIONS ONLY




- LEGEND:**
- EXISTING KERB LINE
 - PROPOSED KERB LINE
 - WTR — WTR — WTR — WTR — IRISH WATER - EXISTING WATER NETWORK
 - WTR DV — WTR DV — WTR DV — IRISH WATER - PROPOSED WATER NETWORK DIVERSION
 - X — X — X — X — IRISH WATER - TO BE DECOMMISSIONED
 - SITE BOUNDARY LINE
 - - - - - TEMPORARY LAND TAKE
- NOTES:**
1. UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS

R12 - UW - 011
EXISTING 6" DIA CAST-IRON
WATERMAIN
POTENTIAL LENGTH OF
DIVERSION= 11m

I:\global\project\0268401-0014 - Internat4-02 Drawings\4-02-3 Civil Infrastructure\12-Rathfarnham\BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0001-0027.dwg


Disclaimer
a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.
b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.
c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.
d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.
e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



Project Ireland 2040
Building Ireland's Future


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

Client



NTA
Udarás Náisiúnta Iompair
National Transport Authority

Engineering Designer

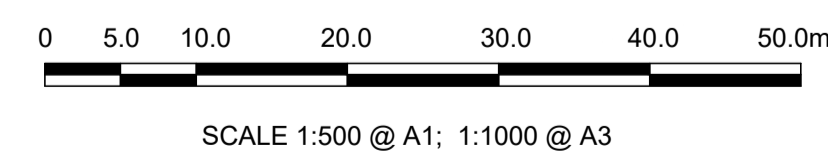
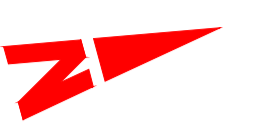
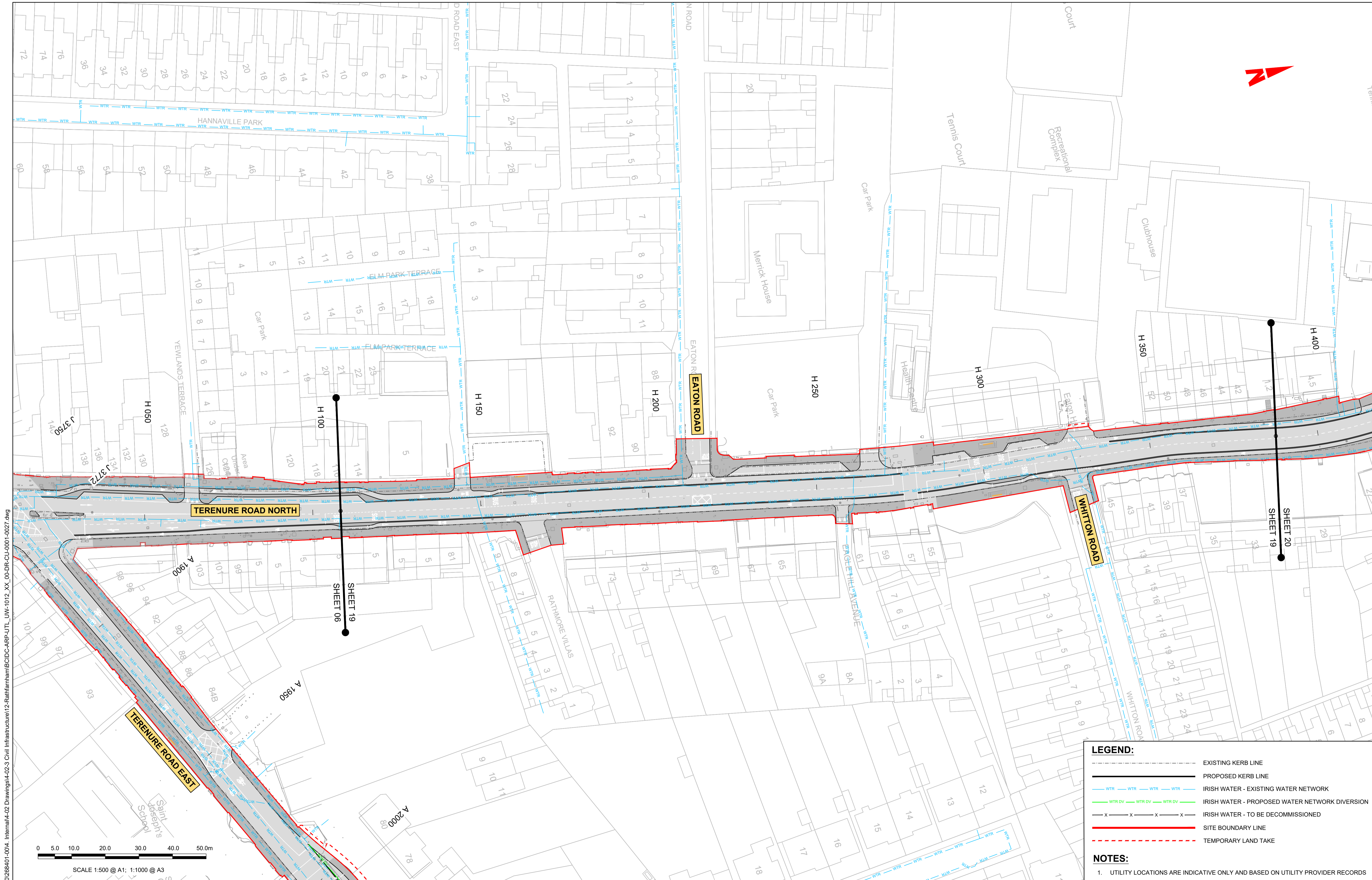


ARUP

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS			
Drawing File Name BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0018	Sheet Number 18 of 37	Status A	Rev M01

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

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- IRISH WATER - TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND TAKE

NOTES:

- UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS

Disclaimer

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superseded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



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

Client

NTA
Údaráis Náisiúnta Iompair
National Transport Authority

Date: 27/01/2023

Scale: 1:500 @ A1
1:1000 @ A3

Engineering Designer

ARUP

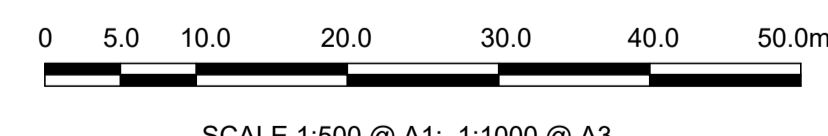
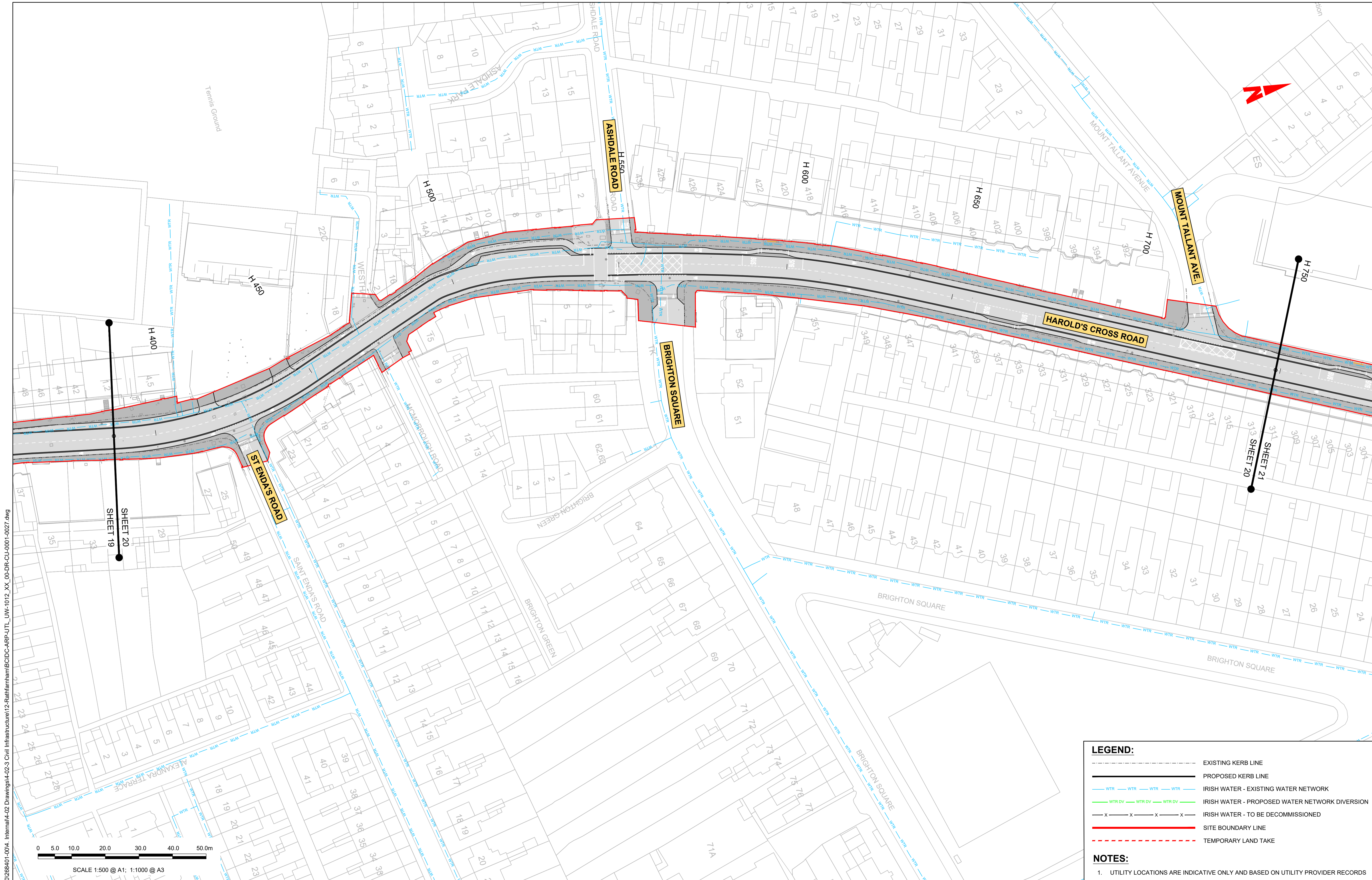
Drawn: AG, Checked: SW, Approved: DC

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 IW WATER ASSET ALTERATIONS			
Drawing File Name BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0019	Sheet Number 19 of 37	Status A	Rev M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

\\global\people\dublin\jobs\268401-0014 - Internal\4-02 Drawings\4-02-3 Civil Infrastructure\12-Rathfarnham\BCIDC-ARP-JTL_UW-1012_XX_00-DR-CU-0019-0027.dwg



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

LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- IRISH WATER - TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND TAKE

NOTES:

- UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS

\\global\europa\dublin\jobs\268000\268401-004 - Internal\4-02 Drawings\4-02-3 Civil Infrastructure\12-Rathfarnham\BCIDC-ARP-JTL_UW-1012_XX_00-DR-CU-0001-0027.dwg

Disclaimer
 a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.
 b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.
 c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.
 d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.

Project Ireland 2040
 Building Ireland's Future

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

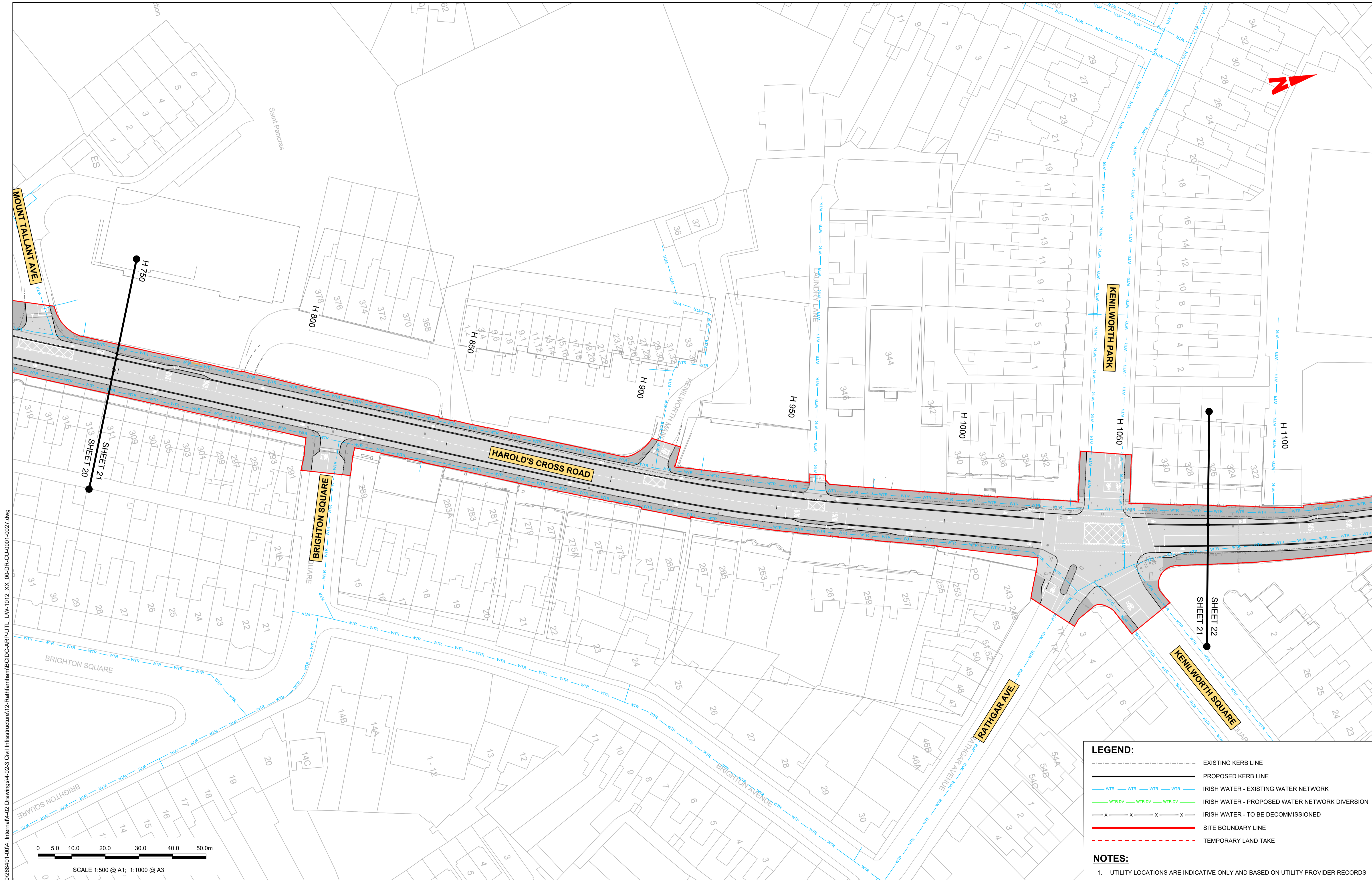
Client: **NTA**
 Údarás Náisiúnta Iompair
 National Transport Authority

Engineering Designer: **ARUP**

Date	27/01/2023	Scale	1:500 @ A1 1:1000 @ A3	Drawn	AG	Checked	SW	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 IW WATER ASSET ALTERATIONS		
Drawing File Name	BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0020	Sheet Number	20 of 37
Status	A	Rev	M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

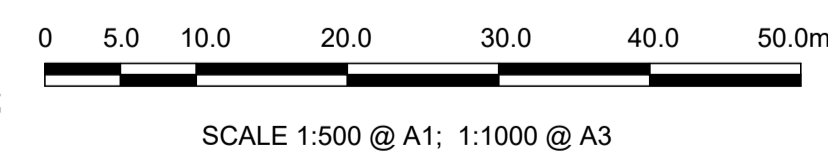


LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- IRISH WATER - TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND TAKE

NOTES:

- UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS



\global\europa\dublin\jobs\268401-004 - Internal\4-02 Drawings\4-02-3 Civil Infrastructure\12-Rathfarnham\BCIDC-ARP-JTL_UW-1012_XX_00-DR-CU-0001-0027.dwg

Disclaimer

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the title block. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



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

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

Engineering Designer: **ARUP**

Date	Scale	Drawn	Checked	Approved
27/01/2023	1:500 @ A1 1:1000 @ A3	AG	SW	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 IW WATER ASSET ALTERATIONS			
Drawing File Name BCIDC-ARP-JTL_UW-1012_XX_00-DR-CU-0021	Sheet Number 21 of 37	Status A	Rev M01

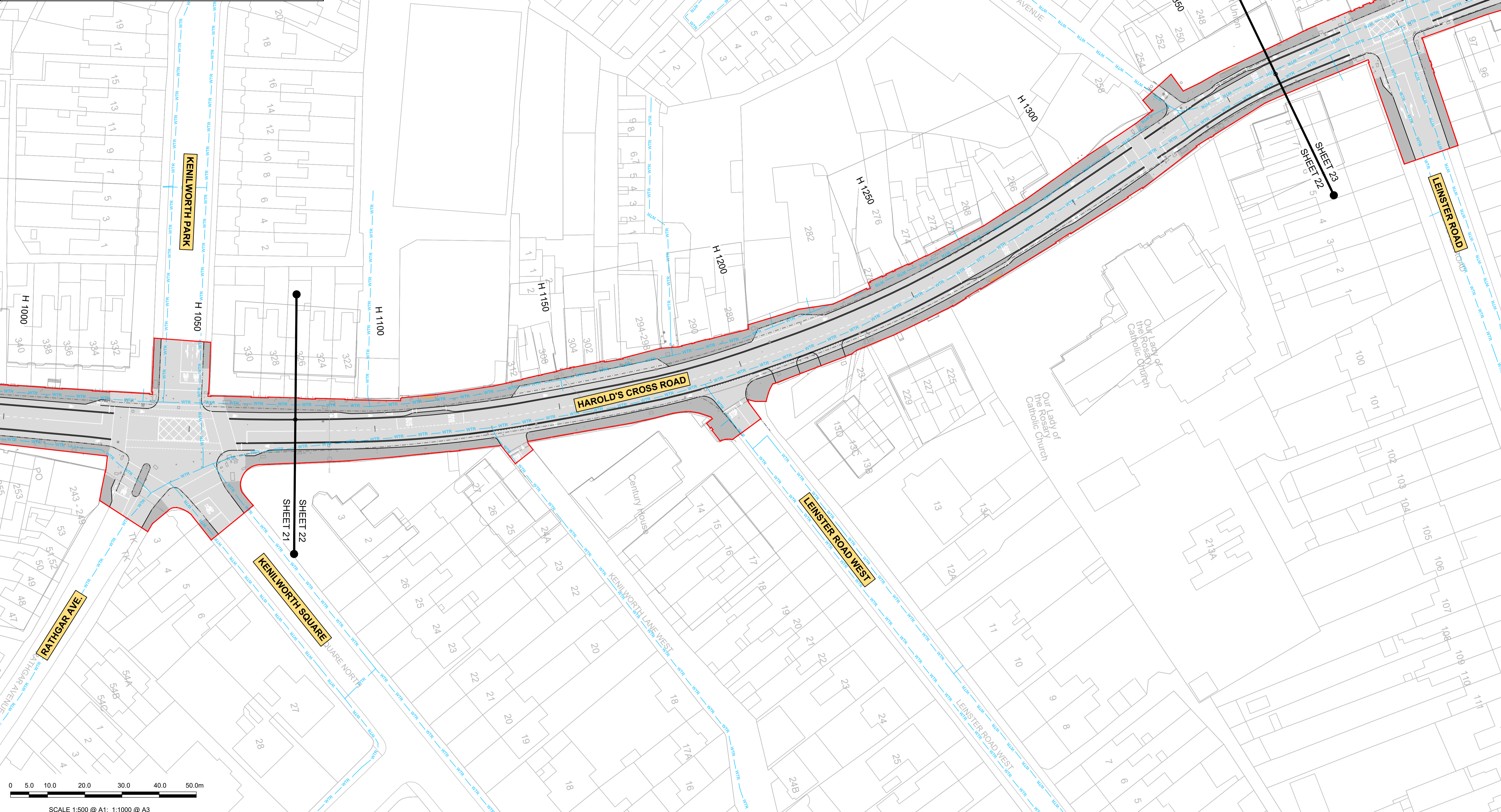
DO NOT SCALE USE FIGURED DIMENSIONS ONLY

LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- IRISH WATER - TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- - - TEMPORARY LAND TAKE

NOTES:

- UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS



Disclaimer

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this information. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superseded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.

Project Ireland 2040
Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	AG	SW	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: AG | Checked: SW | Approved: DC

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

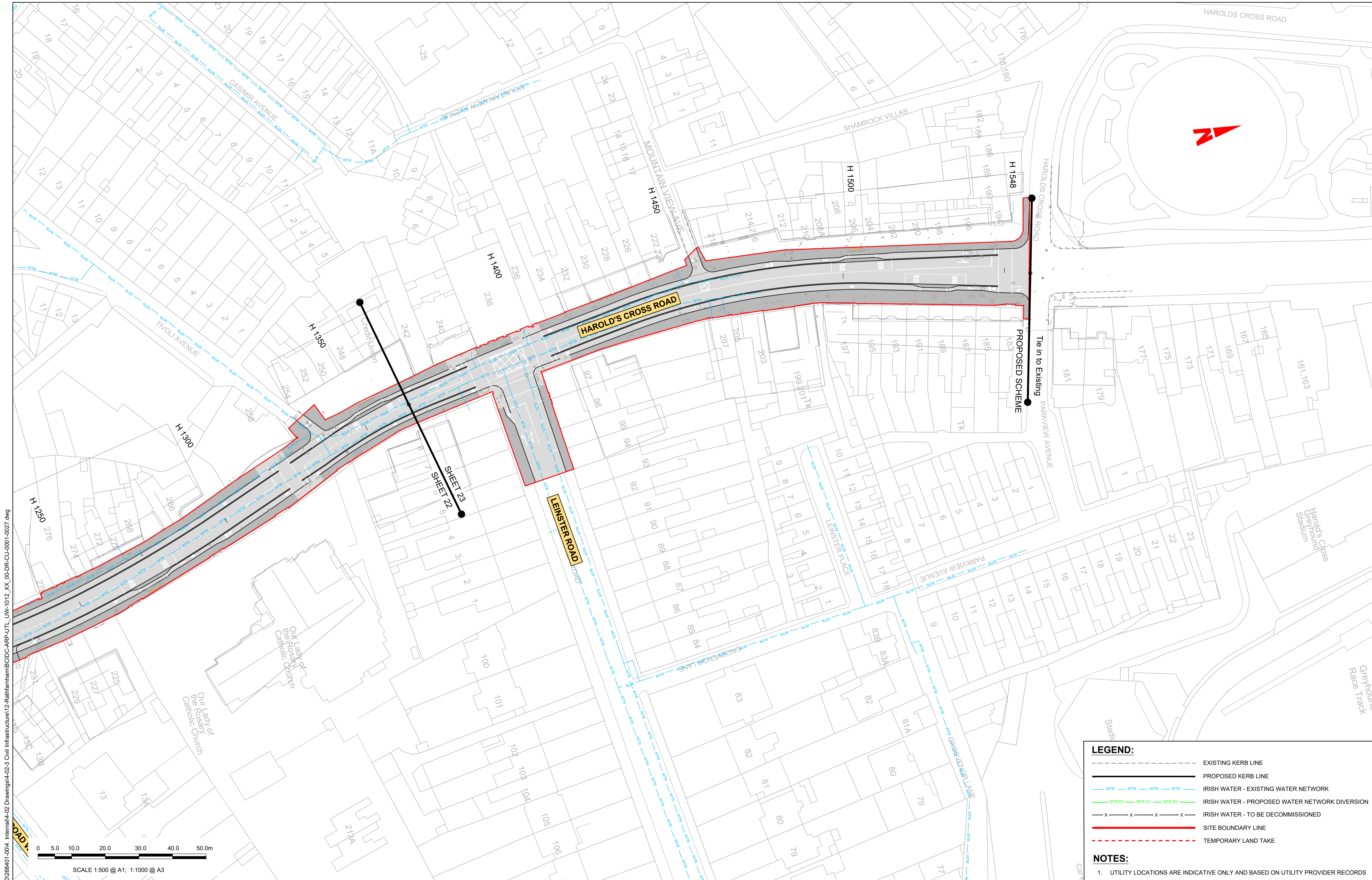
Programme Title: **BUSCONNECTS DUBLIN**
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME
IW WATER ASSET ALTERATIONS

Drawing File Name: BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0022 | Sheet Number: 22 of 37 | Status: A | Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

\\global\people\dublin\jobs\268401-004 - Internal\4-02 Drawings\4-02-3 Civil Infrastructure\12-Rathfarnham\BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0001-0027.dwg



LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- IRISH WATER - TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND TAKE

NOTES:

- UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS

\global\europa\dublin\jobs\268401-0014 - Internal\4-02 Drawings\4-02-3 Civil Infrastructure\12-Rathfarnham\BCIDC-ARP-JTL_UW-1012_XX_00-DR-CU-0001-0027.dwg

Disclaimer

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



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

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

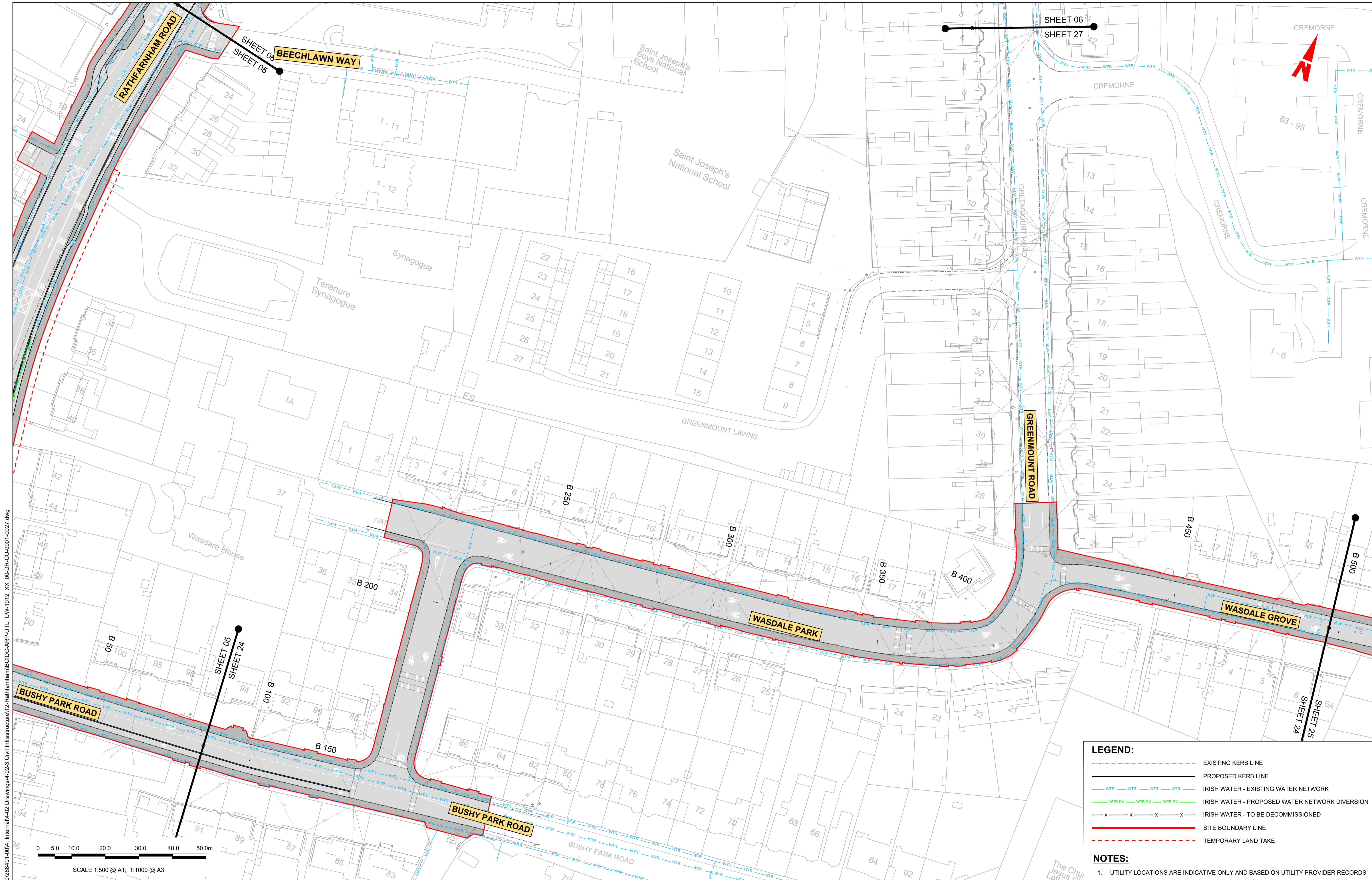
Engineering Designer: **ARUP**

Date: 27/01/2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: AG | Checked: SW | 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 IW WATER ASSET ALTERATIONS			
Drawing File Name: BCIDC-ARP-JTL_UW-1012_XX_00-DR-CU-0023	Sheet Number: 23 of 37	Status: A	Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

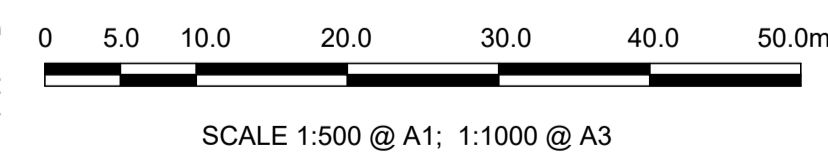


LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- IRISH WATER - TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND TAKE

NOTES:

- UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS



\global\temp\jobs\268401-004 - Internal\4-02 Drawings\4-02-3 Civil Infrastructure\12-Rathfarnham\BCIDC-ARP-JTL_UW-1012_XX_00-DR-CU-0001-0027.dwg
 \global\temp\jobs\268401-004 - Internal\4-02 Drawings\4-02-3 Civil Infrastructure\12-Rathfarnham\BCIDC-ARP-JTL_UW-1012_XX_00-DR-CU-0001-0027.dwg

Disclaimer

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	AG	SW	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: AG Checked: SW 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 IW WATER ASSET ALTERATIONS			
Drawing File Name: BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0024	Sheet Number: 24 of 37	Status: A	Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- WTR — WTR — WTR — WTR — IRISH WATER - EXISTING WATER NETWORK
- WTR DV — WTR DV — WTR DV — IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- x — x — x — x — IRISH WATER - TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- - - - - TEMPORARY LAND TAKE

NOTES:

- UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS



\\global\europa\dublin\jobs\268401-004 - Internal\4-02 Drawings\4-02-3 Civil Infrastructure\12-Rathfarnham\BCIDC-ARP-JTL_UW-1012_XX_00-DR-CU-0001-0027.dwg

Disclaimer

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superseded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.

Project Ireland 2040
Building Ireland's Future

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

Client

NTA
Udarás Náisiúnta Iompair
National Transport Authority

Engineering Designer

ARUP

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

Programme Title

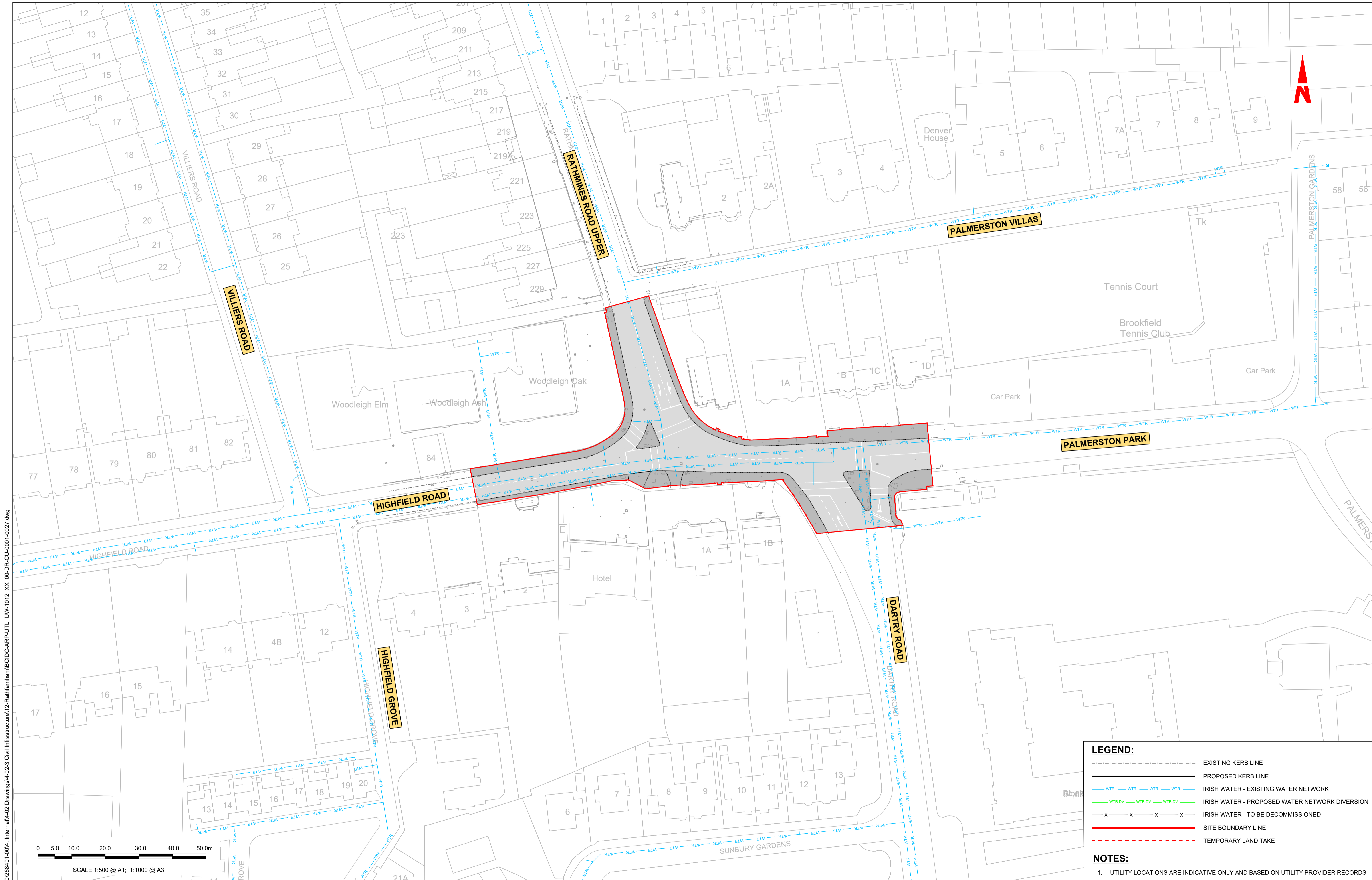
**BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title

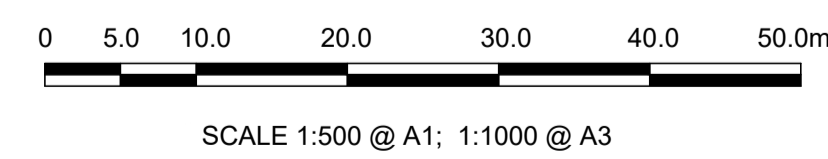
TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME
IW WATER ASSET ALTERATIONS

Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-JTL_UW-1012_XX_00-DR-CU-0025	25 of 37	A	M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



\global\europa\dublin\jobs\268401-004 - Internal\4-02 Drawings\4-02-3 Civil Infrastructure\12-Rathfarnham\BCIDC-ARP-JTL_UW-1012_XX_00-DR-CU-0001-0027.dwg



LEGEND:

	EXISTING KERB LINE
	PROPOSED KERB LINE
	IRISH WATER - EXISTING WATER NETWORK
	IRISH WATER - PROPOSED WATER NETWORK DIVERSION
	IRISH WATER - TO BE DECOMMISSIONED
	SITE BOUNDARY LINE
	TEMPORARY LAND TAKE

NOTES:

- UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS

Disclaimer

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



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

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

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0026	26 of 37	A	M01

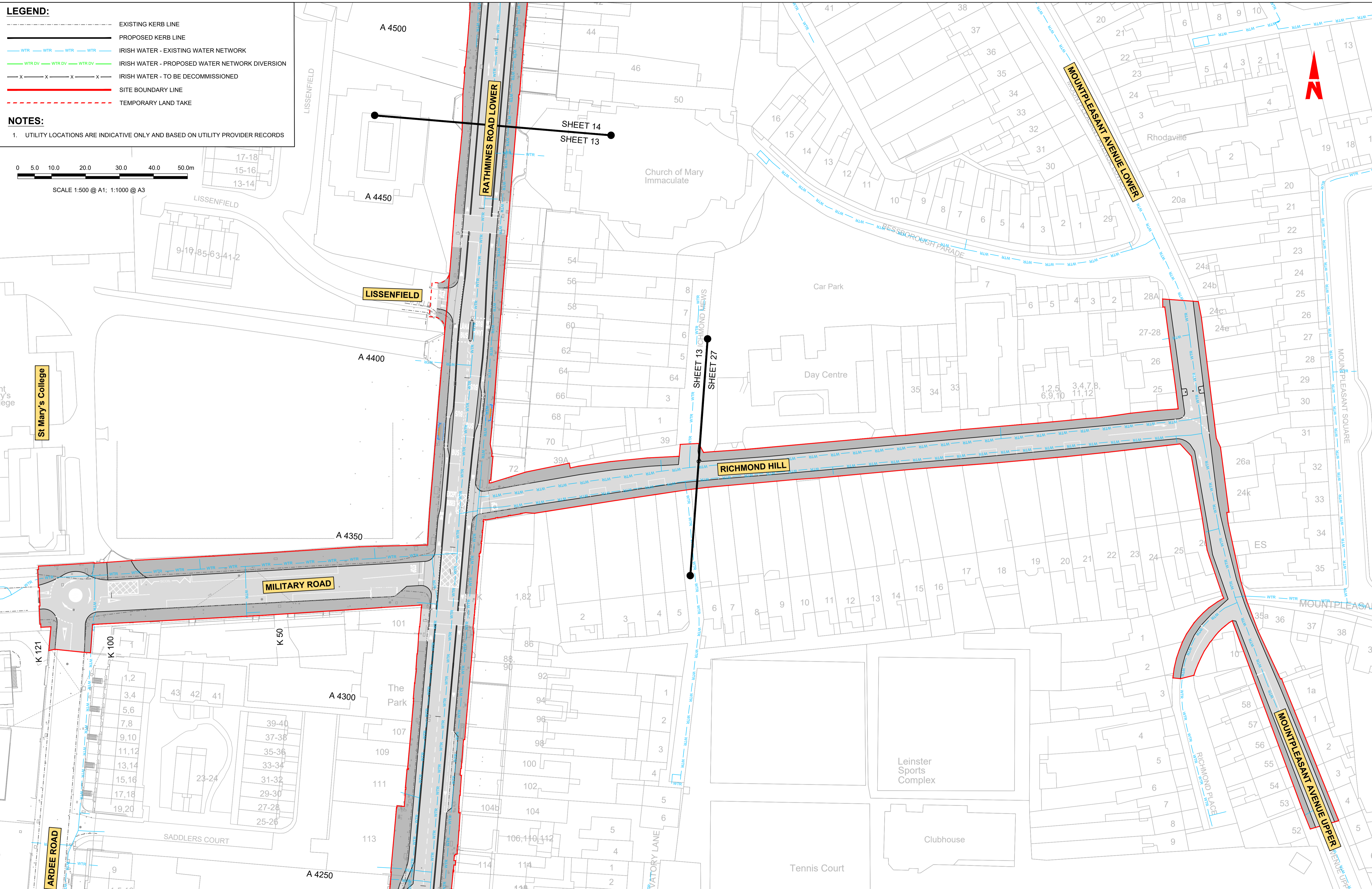
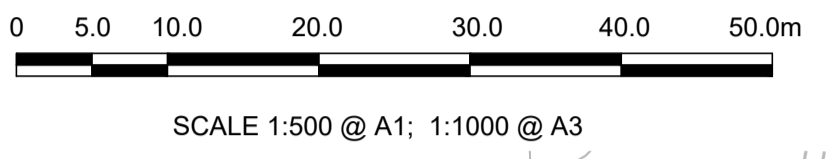
DO NOT SCALE USE FIGURED DIMENSIONS ONLY

LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- x-x-x-x- IRISH WATER - TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- - - - - TEMPORARY LAND TAKE

NOTES:

1. UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS



Disclaimer

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/O.S. NMA_180 National Transport Authority. All elevations are in metres and relate to O.S. Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.

Project Ireland 2040
Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
M01	27/01/2023	AG	SW	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: AG, Checked: SW, 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 IW WATER ASSET ALTERATIONS**

Drawing File Name: BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0027

Sheet Number: 27 of 37

Status: **A**

Rev: **M01**

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

\\global\europa\dublin\jobs\268401-004 - Internal\4-02 Drawings\4-02-3 Civil Infrastructure\12-Rathfarnham\BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0001-0027.dwg

0 5.0 10.0 20.0 30.0 40.0 50.0m

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



M50
Junction 11

Lake

J 000

J 050

J 100

J 150

J 200

J 250

TALLAGHT ROAD

R137

M50
JUNCTION 11

TALLAGHT ROAD

Tie into Existing
PROPOSED SCHEME

SHEET 28
SHEET 29

LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- IRISH WATER - TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND TAKE

NOTES:

1. UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS

Disclaimer
a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.
b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.
c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.
d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.
e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



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

Client
NTA
Údarás Náisiúnta Iompair
National Transport Authority

Engineering Designer
ARUP

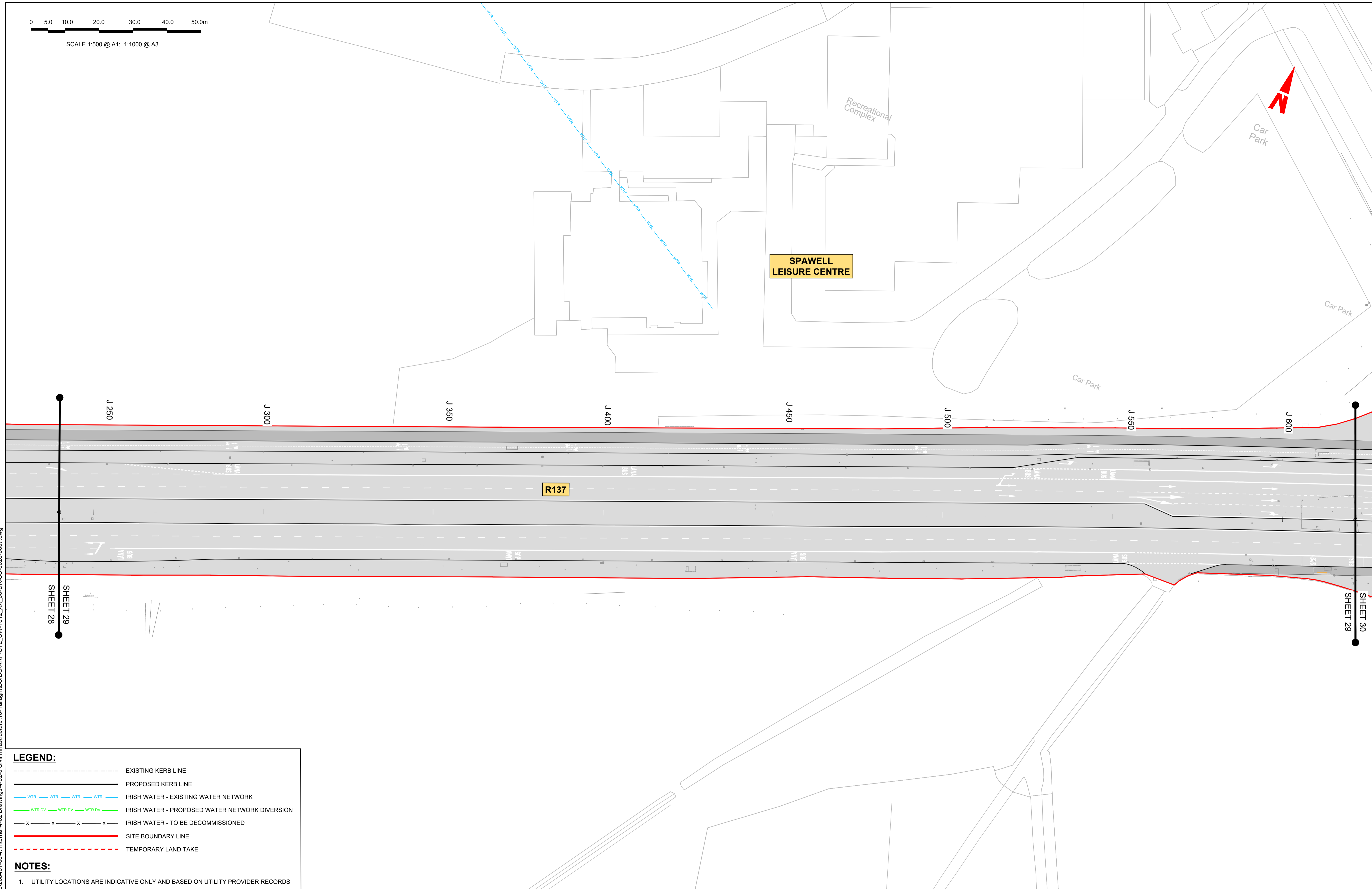
Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS			
Drawing File Name BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0028	Sheet Number 28 of 37	Status A	Rev M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

I:\global\europa\Dublin\jobs\268401-0014 - Internal\4-02 Drawings\4-02-3 Civil Infrastructure\10-Tallaght\BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0028-0037.dwg

0 5.0 10.0 20.0 30.0 40.0 50.0m

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



LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- WTR — WTR — WTR — WTR — WTR — WTR IRISH WATER - EXISTING WATER NETWORK
- WTR DV — WTR DV — WTR DV — WTR DV — WTR DV — WTR DV IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- X — X — X — X — X — X IRISH WATER - TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND TAKE

NOTES:

1. UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS

Disclaimer
 a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.
 b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.
 c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish

Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.
 d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



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

Client
NTA
 Údarás Náisiúnta Iompair
 National Transport Authority

Engineering Designer
ARUP

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

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS			
Drawing File Name BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0029	Sheet Number 29 of 37	Status A	Rev M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

\\global\europa\dublin\jobs\268401\0014_Internet\4-02 Drawings\4-02-3 Civil Infrastructure\10-Tallaght\BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0028-0037.dwg

0 5.0 10.0 20.0 30.0 40.0 50.0m

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

TEMPLEOGUE CEMETERY

WELLINGTON LANE

Tie into Wellington Lane Walking and Cycling Scheme
PROPOSED SCHEME

ROSSMORE PARK

R137 TEMPLEOGUE ROAD

J 700

J 750

J 800

J 850

J 900

J 950

J 1000

SHEET 29

SHEET 30

SHEET 30

SHEET 31

SPAWELL

PROPOSED SCHEME
Tie into Dodder Greenway

LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- IRISH WATER - TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND TAKE

NOTES:

- UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS

Disclaimer
 a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.
 b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.
 c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish

Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.
 Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



Rev	Date	Drm	Chk'd	App'd	Description
M01	27/01/2023	AG	SW	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: AG, Checked: SW, Approved: DC

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

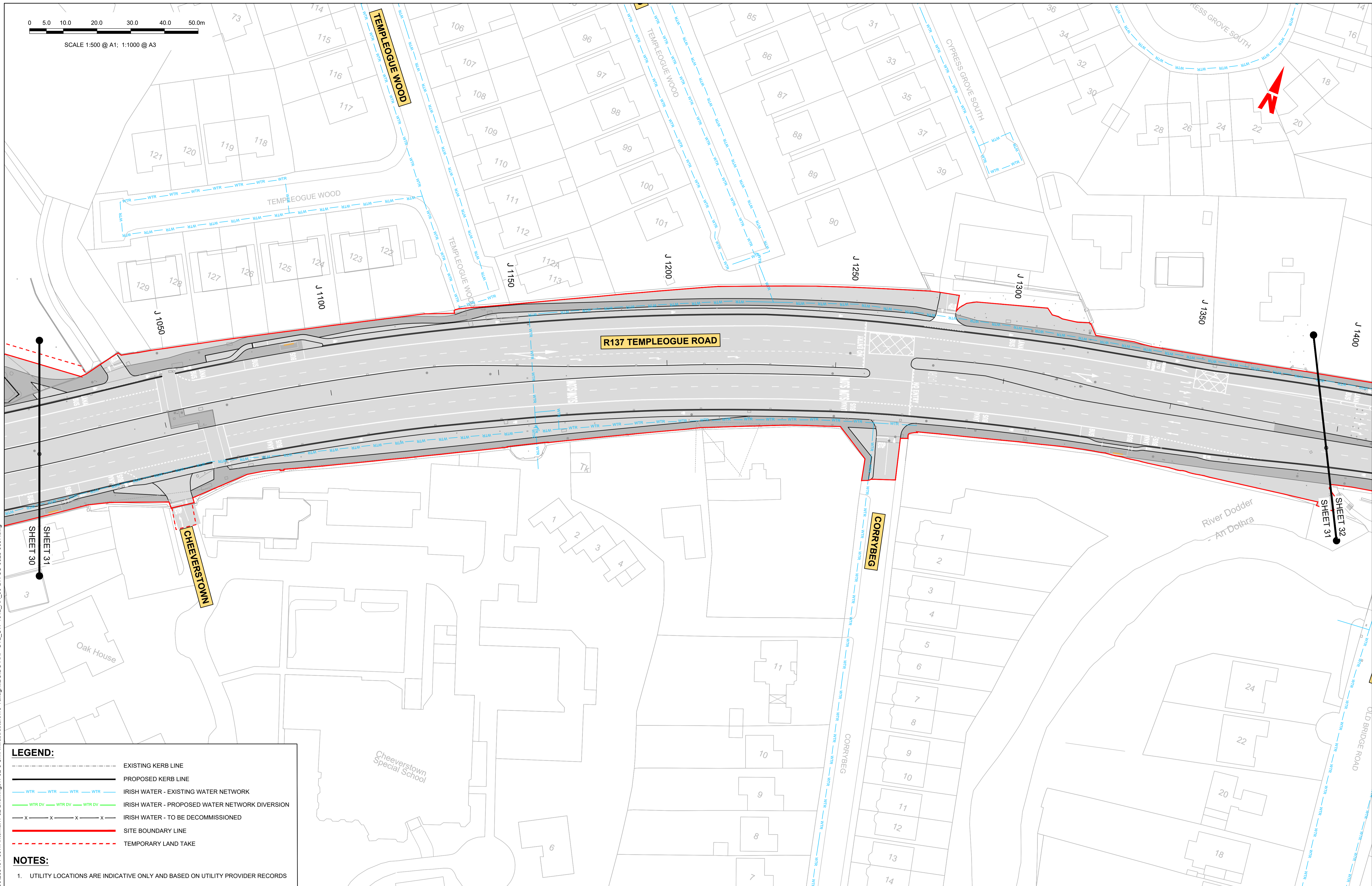
Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS			
Drawing File Name: BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0030	Sheet Number: 30 of 37	Status: A	Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

\\global\europa\dublin\jobs\268401-0014 - Internal\4-02 Drawings\4-02-3 Civil Infrastructure\10-Tallaght\BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0028-0037.dwg

0 5.0 10.0 20.0 30.0 40.0 50.0m

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



LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- IRISH WATER - TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND TAKE

NOTES:

1. UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS

Disclaimer
 a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.
 b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.
 c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish

Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.
 d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



Rev	Date	Drm	Chk'd	App'd	Description
M01	27/01/2023	AG	SW	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: AG | Checked: SW | Approved: DC

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

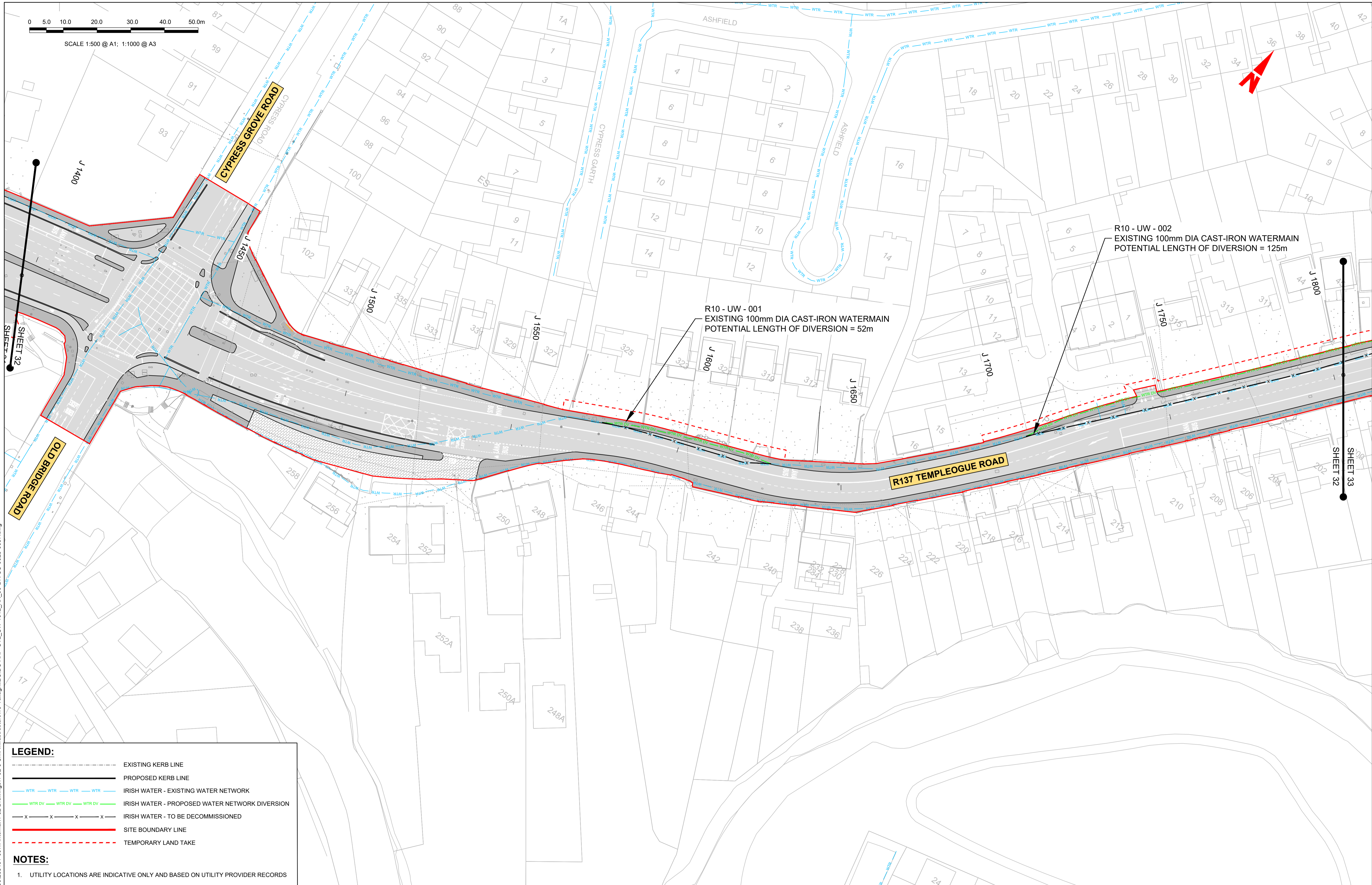
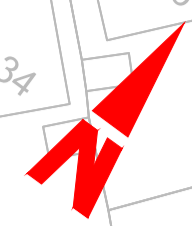
Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS			
Drawing File Name: BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0031	Sheet Number: 31 of 37	Status: A	Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

\\global\europa\dublin\jobs\268401-0014 - Internal\4-02 Drawings\4-02-3 Civil Infrastructure\10-Tallaght\BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0028-0037.dwg

0 50 100 200 300 400 500m

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



LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- IRISH WATER - TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND TAKE

NOTES:

1. UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS

Disclaimer
 a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.
 b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.
 c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.
 d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superseded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.
 e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



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

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

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0032	32 of 37	A	M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

\\global\europa\dublin\jobs\268401-0014 - Internal\4-02 Drawings\4-02-3 Civil Infrastructure\10-Tallaght\BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0028-0037.dwg

0 50 100 200 300 400 500m

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

FORTROSE PARK

TEMPLEVILLE PARK

TEMPLEVILLE ROAD

TEMPLEOGUE VILLAGE

R137 TEMPLEOGUE ROAD

SPRINGFIELD AVENUE

PROPOSED SCHEME
Templeogue Village Initiative

PROPOSED SCHEME
Templeogue Village Initiative

R10 - UW - 002
EXISTING 100mm DIA CAST-IRON WATERMAIN
POTENTIAL LENGTH OF DIVERSION = 125m

R10 - UW - 003
EXISTING 100mm DIA CAST-IRON WATERMAIN
POTENTIAL LENGTH OF DIVERSION = 90m

SHEET 32

SHEET 33

SHEET 34

- LEGEND:**
- EXISTING KERB LINE
 - PROPOSED KERB LINE
 - IRISH WATER - EXISTING WATER NETWORK
 - IRISH WATER - PROPOSED WATER NETWORK DIVERSION
 - IRISH WATER - TO BE DECOMMISSIONED
 - SITE BOUNDARY LINE
 - TEMPORARY LAND TAKE

NOTES:

1. UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS

Disclaimer

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



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

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

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

Engineering Designer: **ARUP**

Drawn: AG Checked: SW Approved: DC

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

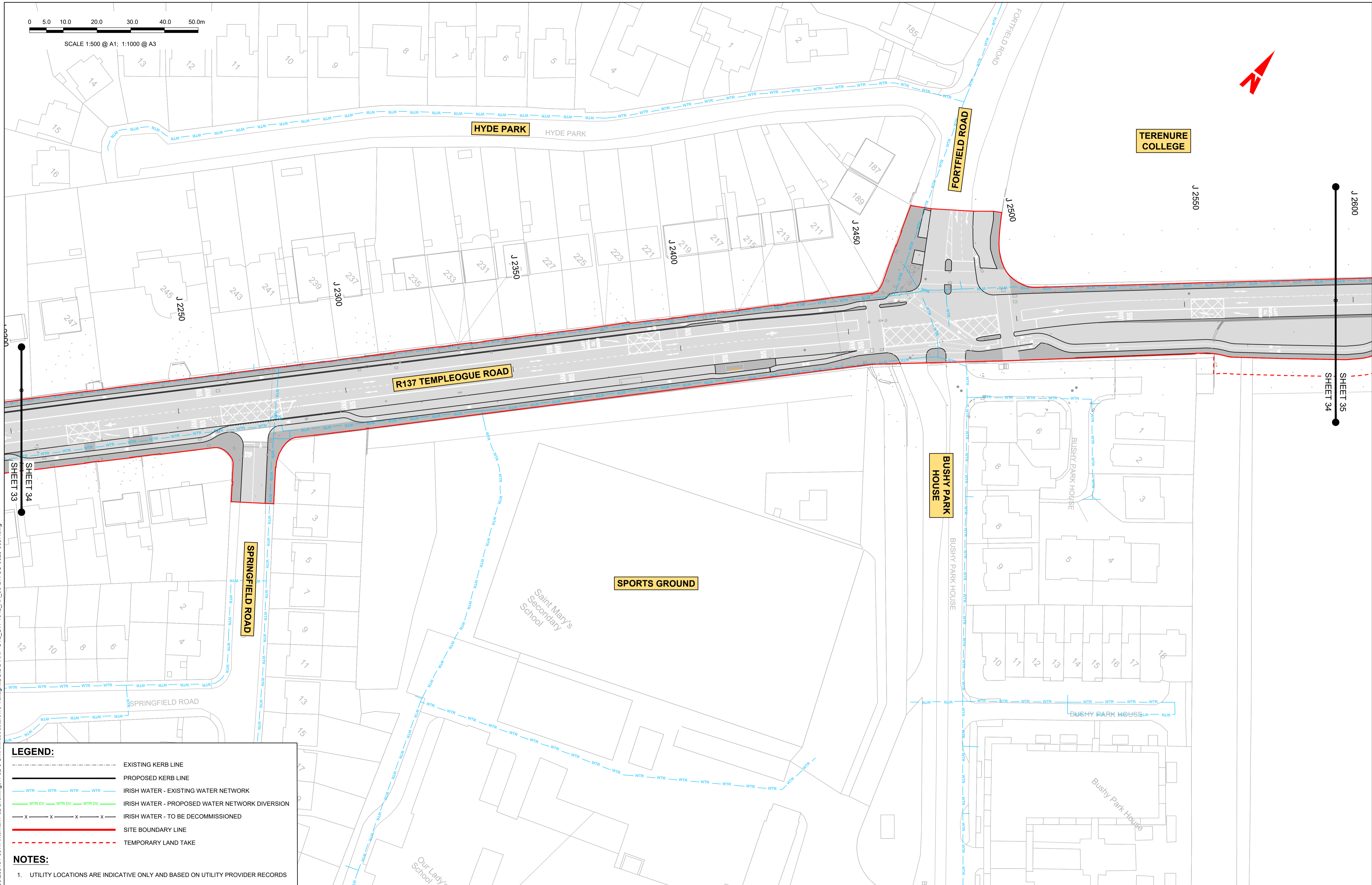
Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS			
Drawing File Name: BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0033	Sheet Number: 33 of 37	Status: A	Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

\\global\peurope\dublin\jobs\268401-004 - Internal\4-02 Drawings\4-02-3 Civil Infrastructure\10-Tallaght\BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0028-0037.dwg

0 5.0 10.0 20.0 30.0 40.0 50.0m

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



LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- IRISH WATER - TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND TAKE

NOTES:

1. UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS

Disclaimer
 a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.
 b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.
 c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish

Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.
 d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



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

Client
NTA
 Údarás Náisiúnta Iompair
 National Transport Authority

Engineering Designer
ARUP

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

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

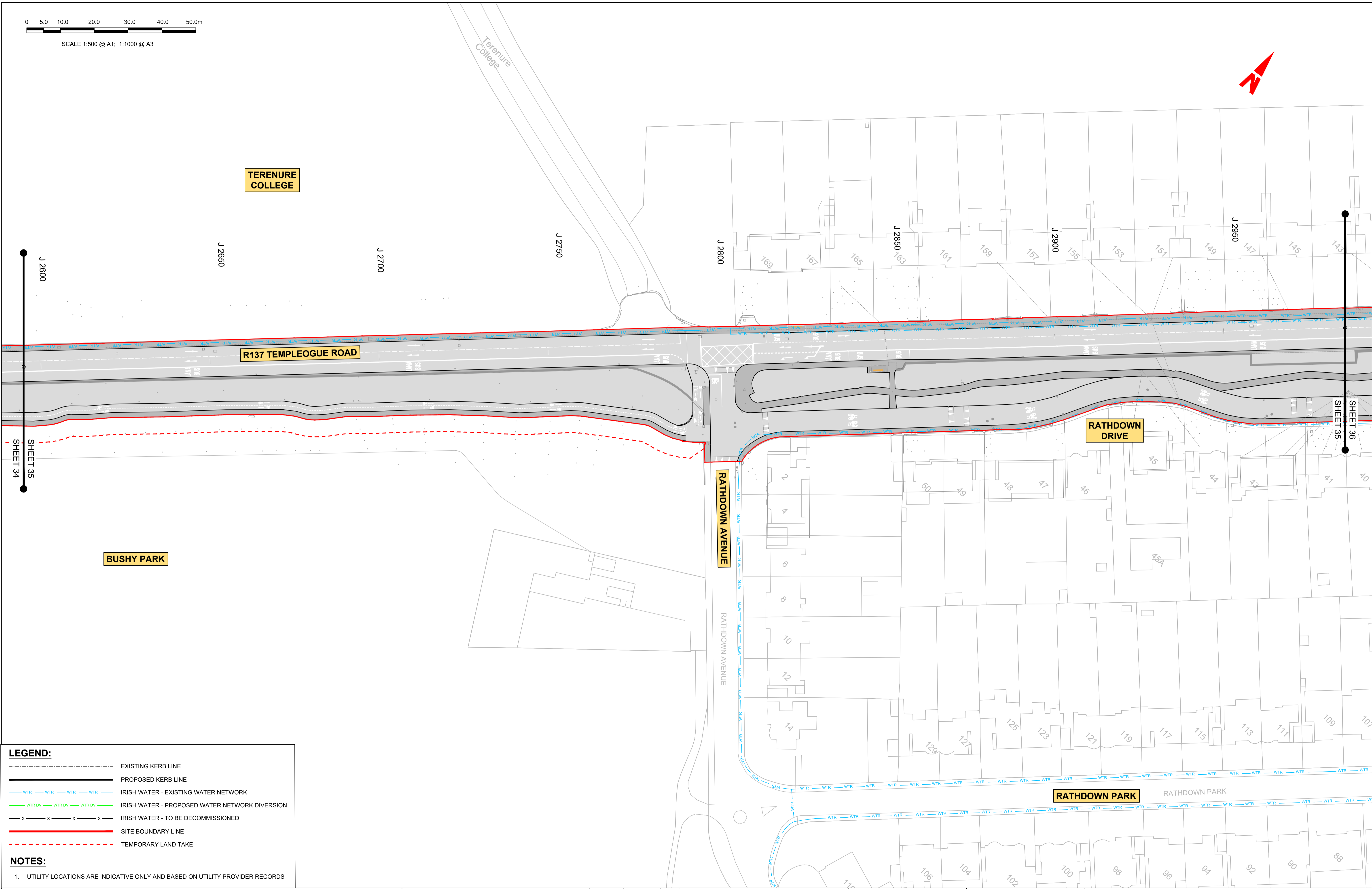
Drawing Title
 TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME
 IW WATER ASSET ALTERATIONS

Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0034	34 of 37	A	M01

\\global\europa\dublin\jobs\268401\0014 - Internal\4-02 Drawings\4-02-3 Civil Infrastructure\10-Talaght\BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0028-0037.dwg

0 5.0 10.0 20.0 30.0 40.0 50.0m

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



LEGEND:

---	EXISTING KERB LINE
—	PROPOSED KERB LINE
— WTR — WTR — WTR — WTR —	IRISH WATER - EXISTING WATER NETWORK
— WTR DV — WTR DV — WTR DV —	IRISH WATER - PROPOSED WATER NETWORK DIVERSION
— x — x — x — x —	IRISH WATER - TO BE DECOMMISSIONED
—	SITE BOUNDARY LINE
- - - - -	TEMPORARY LAND TAKE

NOTES:

1. UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS

Disclaimer

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.

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

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

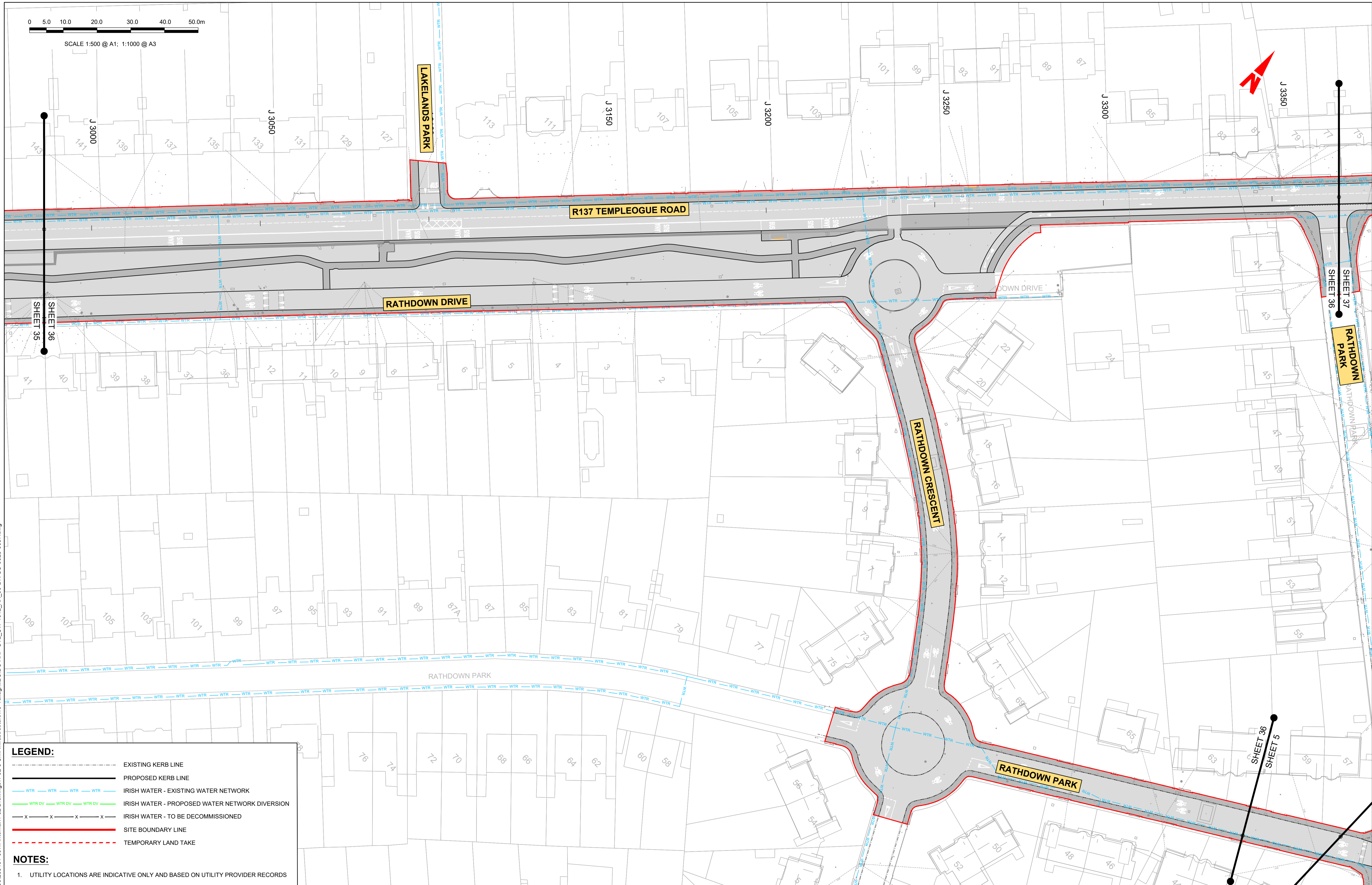
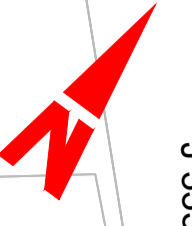
Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0035	35 of 37	A	M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

\\global\europa\dublin\jobs\268401-0014_Internat\4-02 Drawings\4-02-3 Civil Infrastructure\10-Tallaght\BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0028-0037.dwg

0 5.0 10.0 20.0 30.0 40.0 50.0m

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



LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- IRISH WATER - TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND TAKE

NOTES:

1. UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS

Disclaimer
 a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.
 b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.
 c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish

Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.
 d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superseded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



Rev	Date	Dm	Chk'd	App'd	Description
M01	27/01/2023	AG	SW	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: AG, Checked: SW, 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 IW WATER ASSET ALTERATIONS			
Drawing File Name: BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0036	Sheet Number: 36 of 37	Status: A	Rev: M01

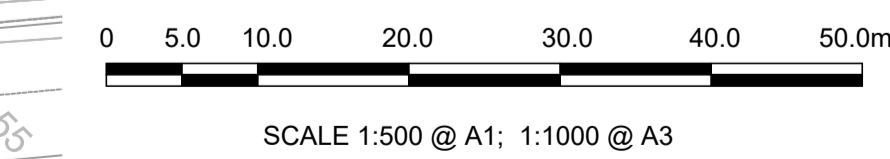
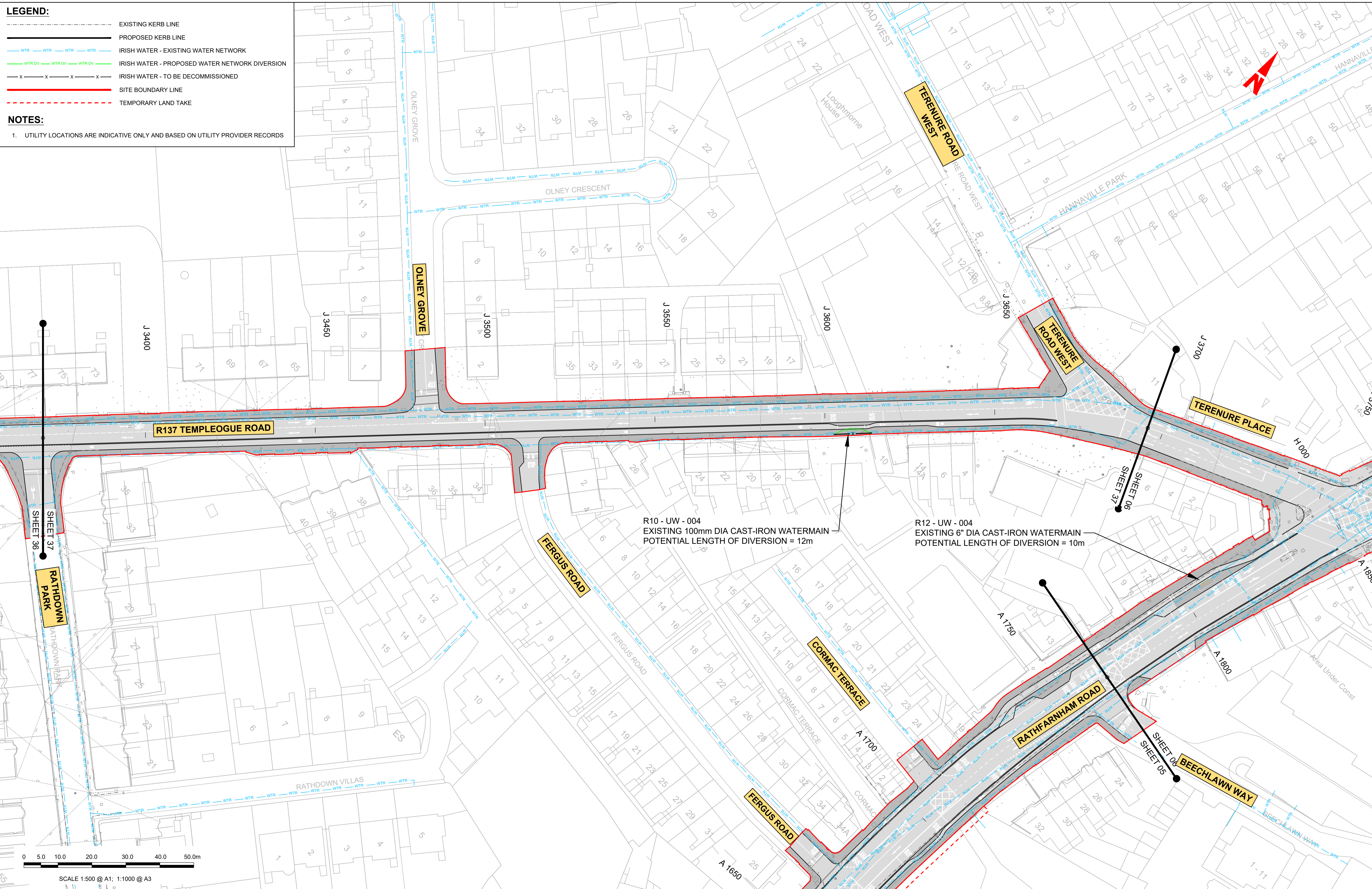
DO NOT SCALE USE FIGURED DIMENSIONS ONLY

\\global\europa\dublin\jobs\268000\268401-0014 - Internal\4-02 Drawings\4-02-3 Civil Infrastructure\10-Talaght\BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0028-0037.dwg

- LEGEND:**
- - - - - EXISTING KERB LINE
 - — — — — PROPOSED KERB LINE
 - WTR WTR WTR WTR IRISH WATER - EXISTING WATER NETWORK
 - WTR DV WTR DV WTR DV IRISH WATER - PROPOSED WATER NETWORK DIVERSION
 - x - x - x - x - IRISH WATER - TO BE DECOMMISSIONED
 - — — — — SITE BOUNDARY LINE
 - - - - - TEMPORARY LAND TAKE

NOTES:

1. UTILITY LOCATIONS ARE INDICATIVE ONLY AND BASED ON UTILITY PROVIDER RECORDS



I:\global\projects\268401-0014 - Internal\4-02 Drawings\4-02-3 Civil Infrastructure\10-Tailight\BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0028-0037.dwg

Disclaimer

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



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

Client
NTA
 Údarás Náisiúnta Iompair
 National Transport Authority

Engineering Designer
ARUP

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

Drawing Title
 TEMPLEOGUE / RATHFARNHAM TO CITY CENTRE CORE BUS CORRIDOR SCHEME
 IW WATER ASSET ALTERATIONS

Drawing File Name
 BCIDC-ARP-UTL_UW-1012_XX_00-DR-CU-0037

Sheet Number
 37 of 37

Status
 A

Rev
 M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY