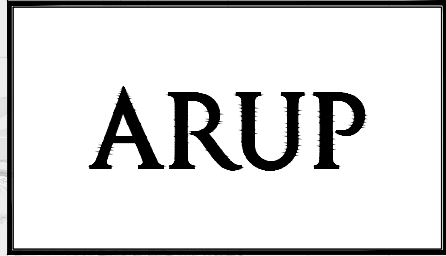


**Appendix B15**  
IW Water Asset  
Alterations





# BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS

## BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME

DRAWING SERIES NUMBER(S)	DRAWING SERIES DESCRIPTION
BCIDC-ARP-UTL_IX-1415_XX_00-DR-CU-0006	BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME. IW WATER ASSET ALTERATIONS. COVER SHEET
BCIDC-ARP-UTL_KP-1415_XX_00-DR-CU-0006	BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME. IW WATER ASSET ALTERATIONS. KEY PLAN
BCIDC-ARP-UTL_UW-1415_XX_00-DR-CU-0001 to 0023	BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME. IW WATER ASSET ALTERATIONS

I:\global\europa\Dublin\Jobs\268000\268401-004-Internal\4-02 Drawings\DR\BCIDC-ARP-UTL\_IX-1415\_XX\_00-DR-CU-0006.dwg

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Rev	Date	Drn	Chk'd	App'd	Description
M01	04/03/2022	AG	SW	NH	ISSUE FOR PHASE 4: PLANNING

Client <b>NTA</b> Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer <b>ARUP</b>		
Date 04/03/2022	Scale N/A @ A1 N/A @ A3	Drawn AG	Checked SW	Approved NH
Project Code BCIDC	Originator Code ARP	QMS Code 268401-00		

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS COVER SHEET			
Drawing File Name BCIDC-ARP-UTL_IX-1415_XX_00-DR-CU-0006	Sheet Number 01 of 01	Status A	Rev M01

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0 100 200 400 600 800 1000m  
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 Building Ireland's Future

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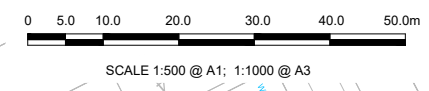
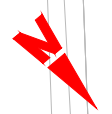
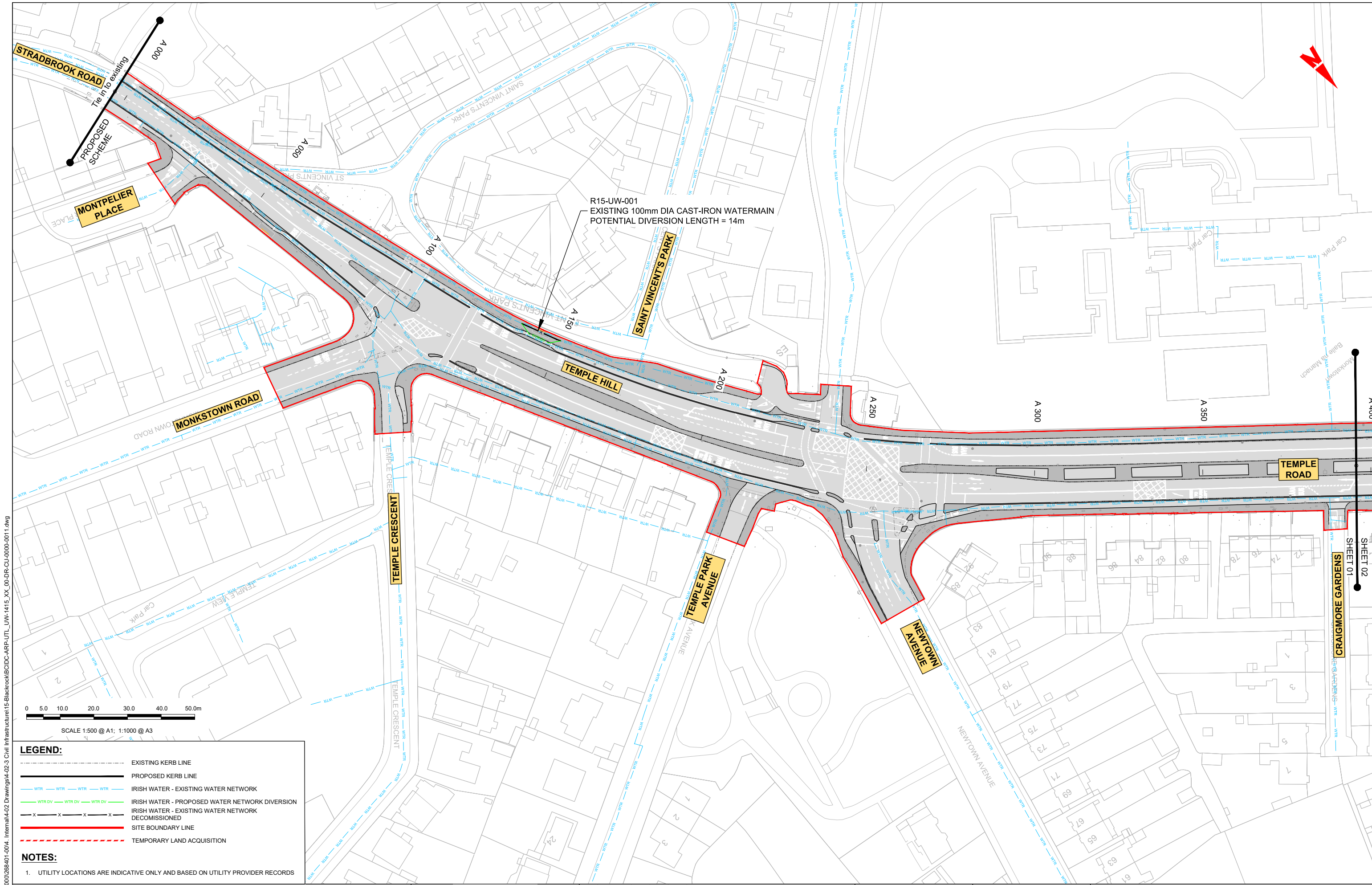
Client  
**NTA**  
 Údarás Náisiúnta Iompair  
 National Transport Authority

Engineering Designer  
**ARUP**

Programme Title <b>BUSCONNECTS DUBLIN          CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>	
Drawing Title BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS KEY PLAN	
Drawing File Name BCIDC-ARP-UTL_KP-1415_XX_00-DR-CU-0006	Sheet Number 01 of 01
Status A	Rev M01

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**LEGEND:**

	EXISTING KERB LINE
	PROPOSED KERB LINE
	IRISH WATER - EXISTING WATER NETWORK
	IRISH WATER - PROPOSED WATER NETWORK DIVERSION
	IRISH WATER - EXISTING WATER NETWORK DECOMMISSIONED
	SITE BOUNDARY LINE
	TEMPORARY LAND ACQUISITION

**NOTES:**

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<p>Date 04/03/2022 Scale 1:500 @ A1 1:1000 @ A3</p>		<p>Drawn AG Checked SW Approved NH</p>		<p>Project Code BCIDC Originator Code ARP</p>		<p>QMS Code 268401-00</p>			<p>Drawing File Name BCIDC-ARP-UTL_UW-1415_XX_00-DR-CU-0001</p>				
<p>Sheet Number 01 of 23</p>		<p>Status A</p>		<p>Rev M01</p>		<p>Sheet Number 01 of 23</p>				<p>Status A</p>		<p>Rev M01</p>	

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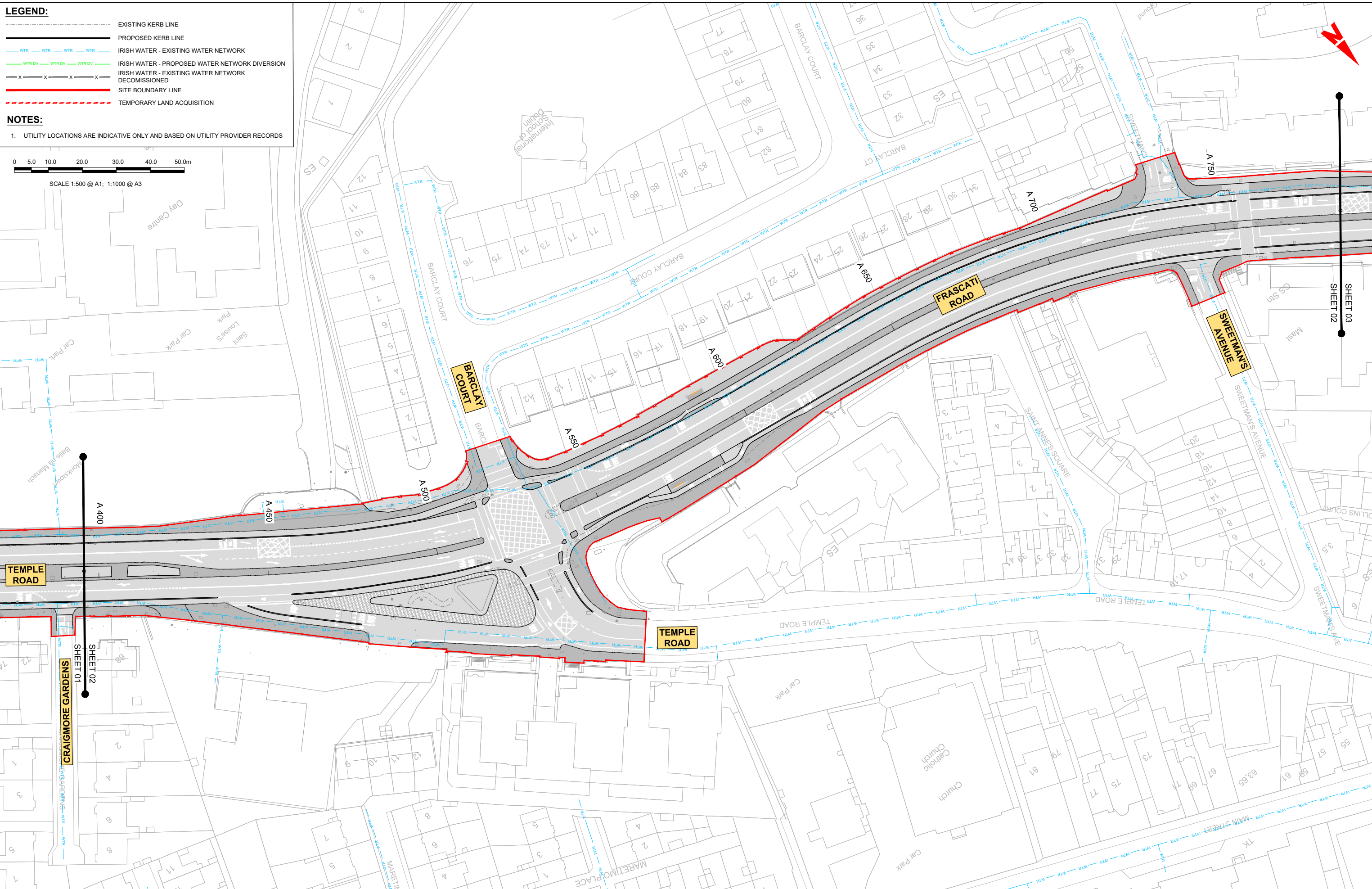
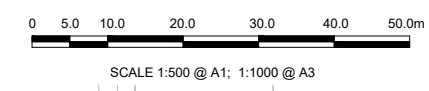


**LEGEND:**

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- IRISH WATER - EXISTING WATER NETWORK DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

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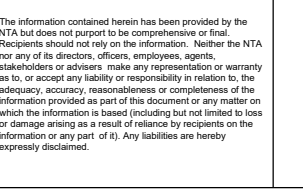
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M01	04/03/2022	AG	SW	NH	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **ARUP**

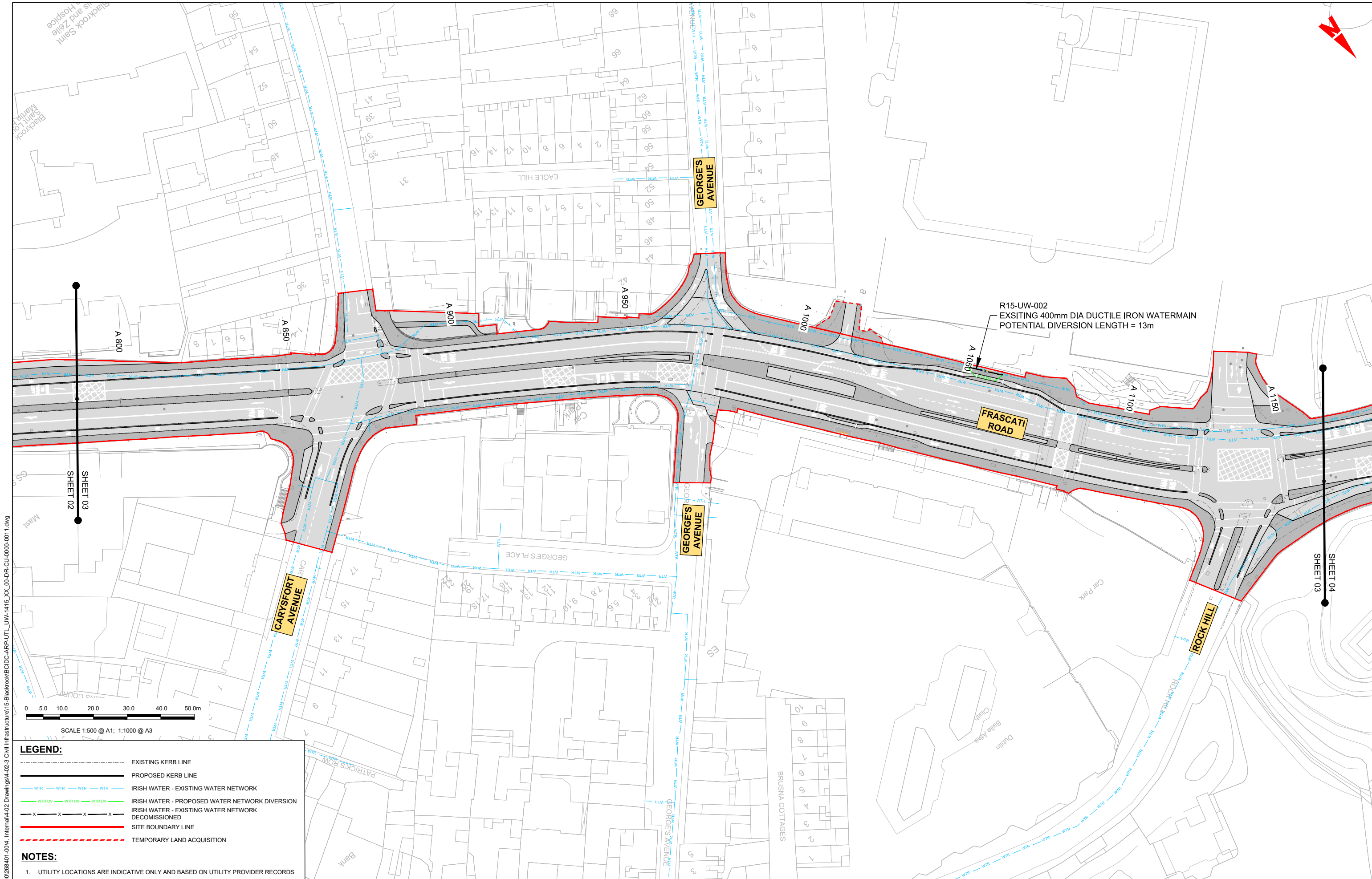
Date: 04/03/2022 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: AG, Checked: SW, Approved: NH

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

Programme Title: <b>BUSCONNECTS DUBLIN</b>			
CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS			
Drawing File Name: BCIDC-ARP-UTL_UW-1415_XX_00-DR-CU-0002	Sheet Number: 02 of 23	Status: A	Rev: M01

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**LEGEND:**

	EXISTING KERB LINE
	PROPOSED KERB LINE
	IRISH WATER - EXISTING WATER NETWORK
	IRISH WATER - PROPOSED WATER NETWORK DIVERSION
	IRISH WATER - EXISTING WATER NETWORK DECOMMISSIONED
	SITE BOUNDARY LINE
	TEMPORARY LAND ACQUISITION

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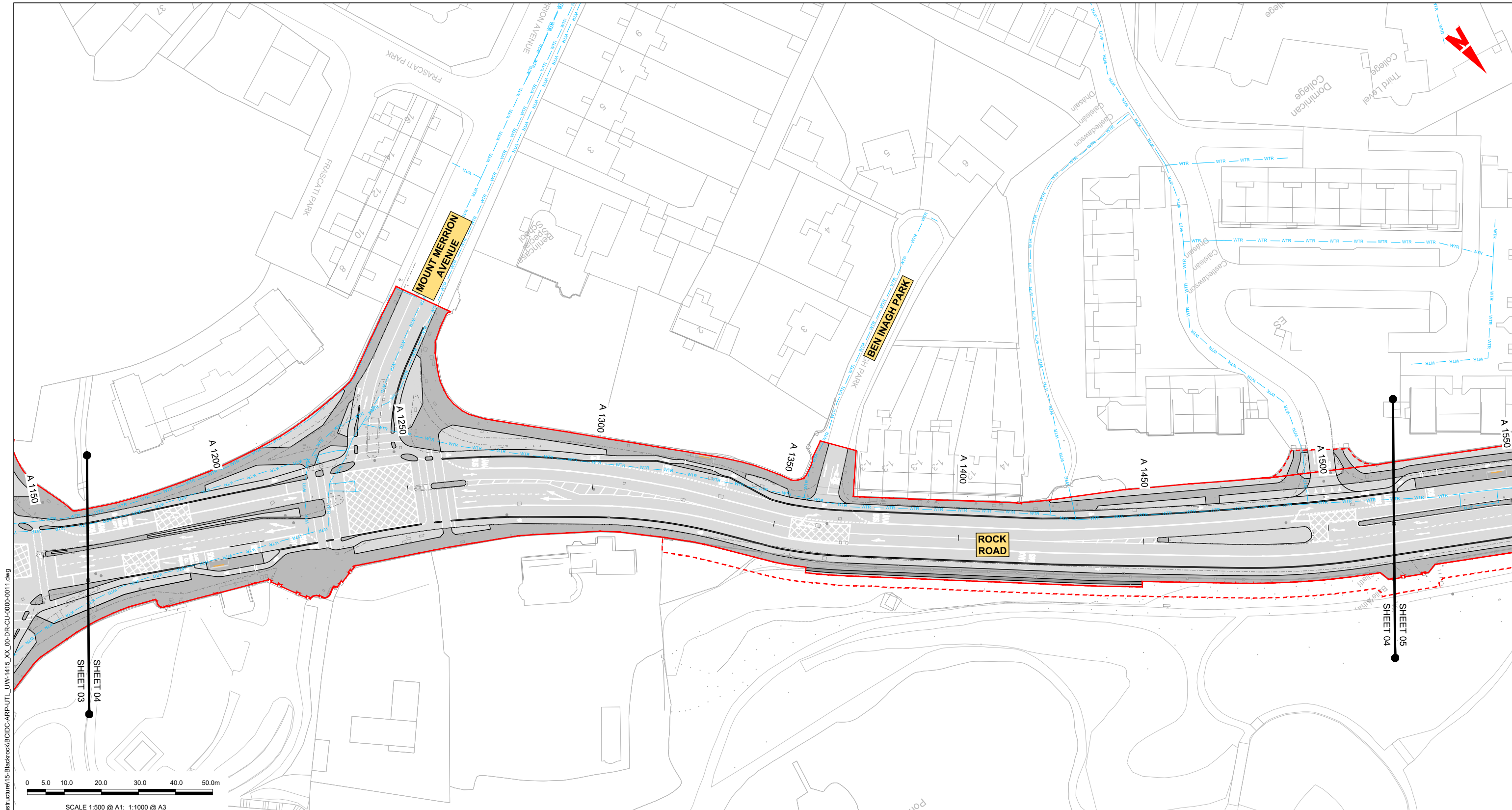
Rev	Date	Drm	Chk'd	App'd	Description
M01	04/03/2022	AG	SW	NH	ISSUE FOR PHASE 4: PLANNING

Údarás Náisiúnta Iompair National Transport Authority				
Date	Scale	Drawn	Checked	Approved
04/03/2022	1:500 @ A1 1:1000 @ A3	AG	SW	NH
Project Code	Originator Code	QMS Code		
BCIDC	ARP	268401-00		

<b>Programme Title</b> BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
<b>Drawing Title</b> BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-UTL_UW-1415_XX_00-DR-CU-0003	03 of 23	A	M01

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**LEGEND:**

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- IRISH WATER - EXISTING WATER NETWORK DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

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Client <b>NTA</b> Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer <b>ARUP</b>		
Date 04/03/2022	Scale 1:500 @ A1 1:1000 @ A3	Drawn AG	Checked SW	Approved NH
Project Code BCIDC	Originator Code ARP	QMS Code 268401-00		

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS				
Drawing File Name BCIDC-ARP-UTL_UW-1415_XX_00-DR-CU-0004	Sheet Number 04 of 23	Status A	Rev M01	

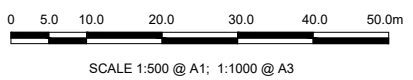
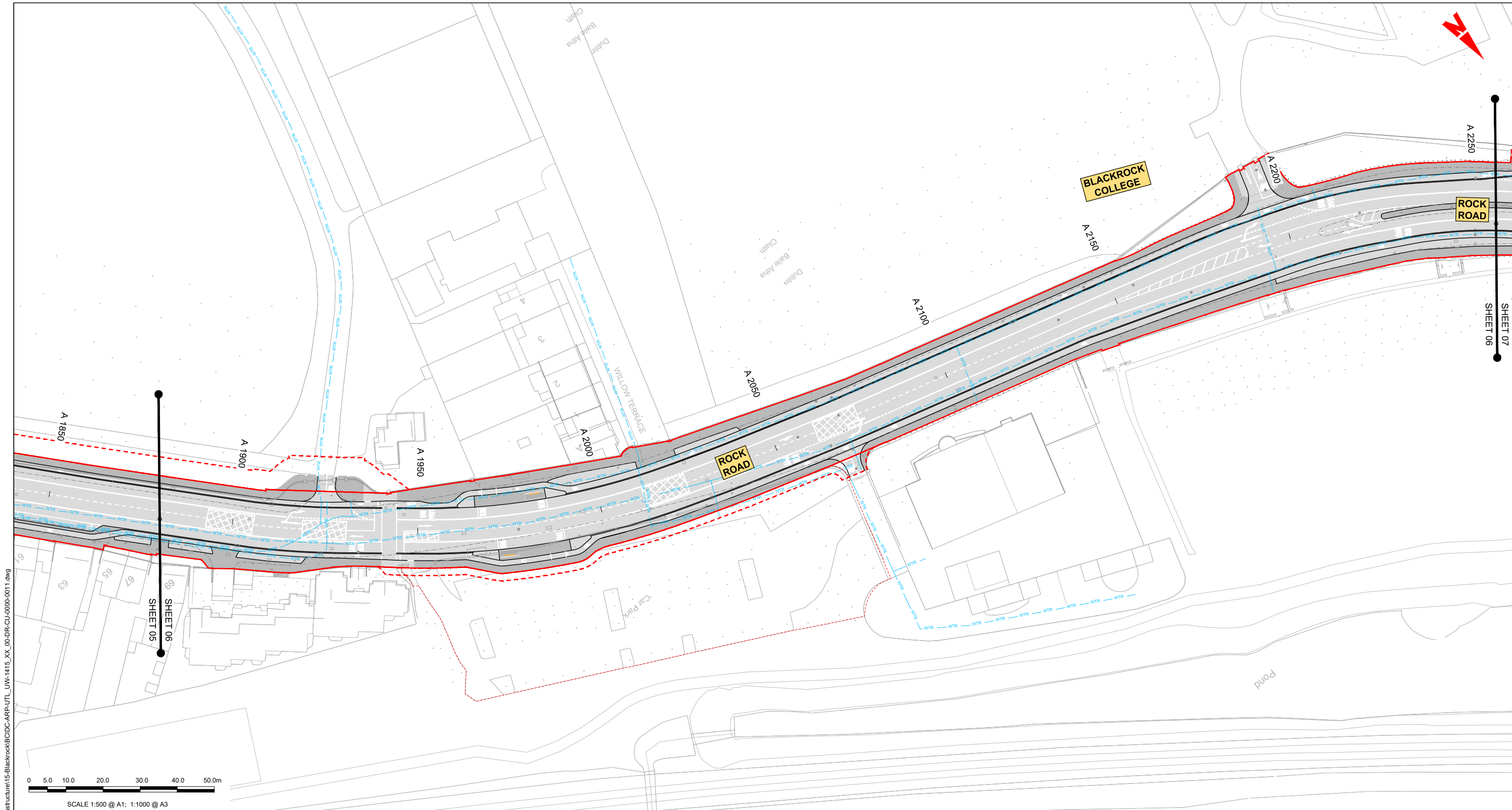
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**LEGEND:**

- EXISTING KERB LINE
- PROPOSED KERB LINE
- WTR — WTR — WTR — WTR — WTR — IRISH WATER - EXISTING WATER NETWORK
- WTR DV — WTR DV — WTR DV — WTR DV — WTR DV — IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- WTR — WTR — WTR — WTR — WTR — IRISH WATER - EXISTING WATER NETWORK DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

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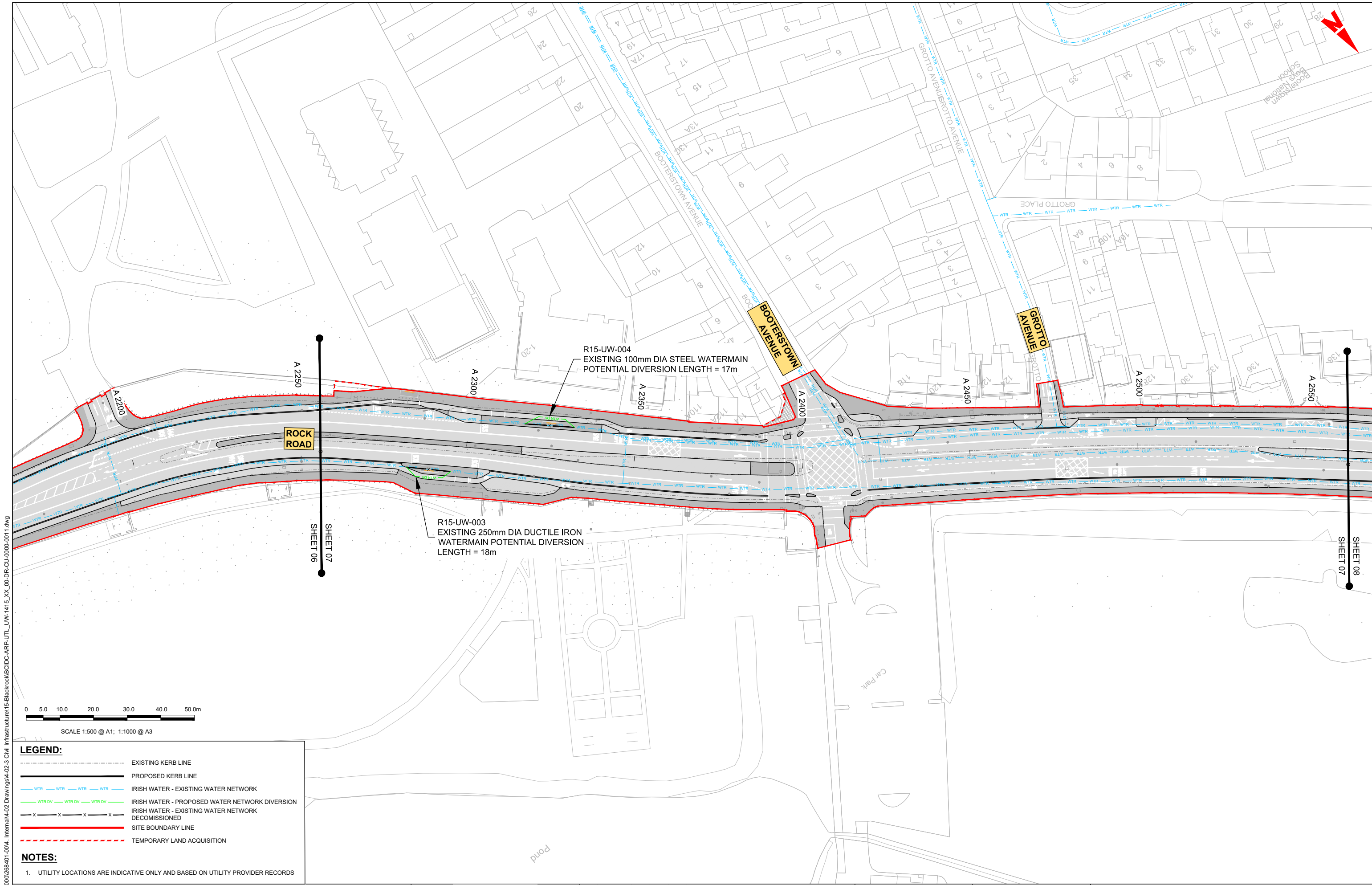
Client

Engineering Designer

Programme Title		<b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>		
Drawing Title		BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS		
Drawing File Name	Sheet Number	Status	Rev	
BCIDC-ARP-UTL_UW-1415_XX_00-DR-CU-0006	06 of 23	A	M01	

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**LEGEND:**

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- IRISH WATER - EXISTING WATER NETWORK DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

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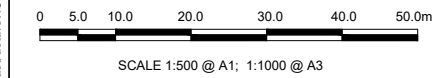
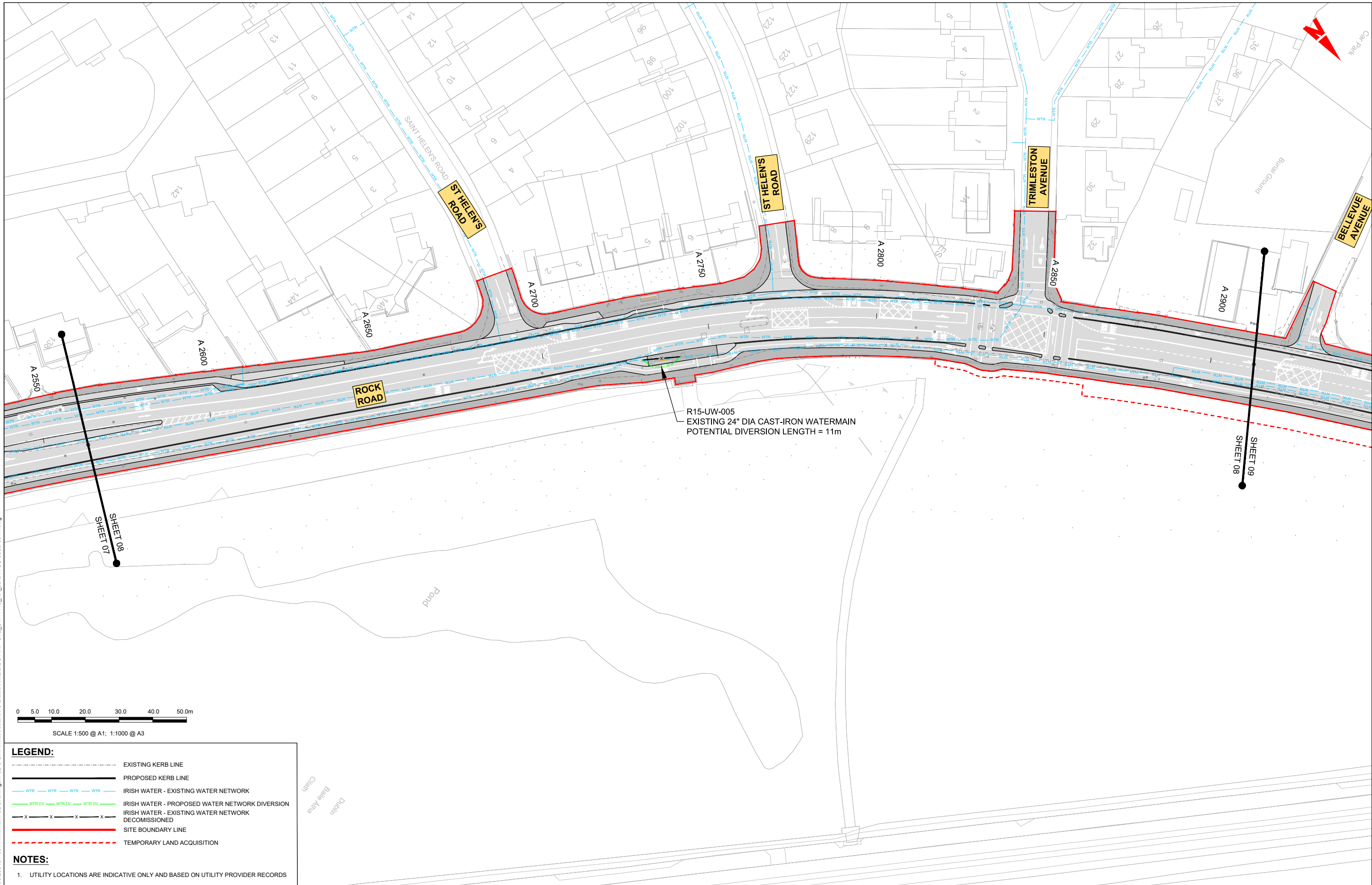
Rev	Date	Dwn	Chk'd	App'd	Description
M01	04/03/2022	AG	SW	NH	ISSUE FOR PHASE 4: PLANNING

Date	Scale	Drawn	Checked	Approved
04/03/2022	1:500 @ A1 1:1000 @ A3	AG	SW	NH
Project Code	Originator Code	QMS Code		
BCIDC	ARP	268401-00		

<b>Programme Title</b> BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
<b>Drawing Title</b> BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-UTL_UW-1415_XX_00-DR-CU-0007	07 of 23	A	M01

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**LEGEND:**

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- IRISH WATER - EXISTING WATER NETWORK DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

**NOTES:**

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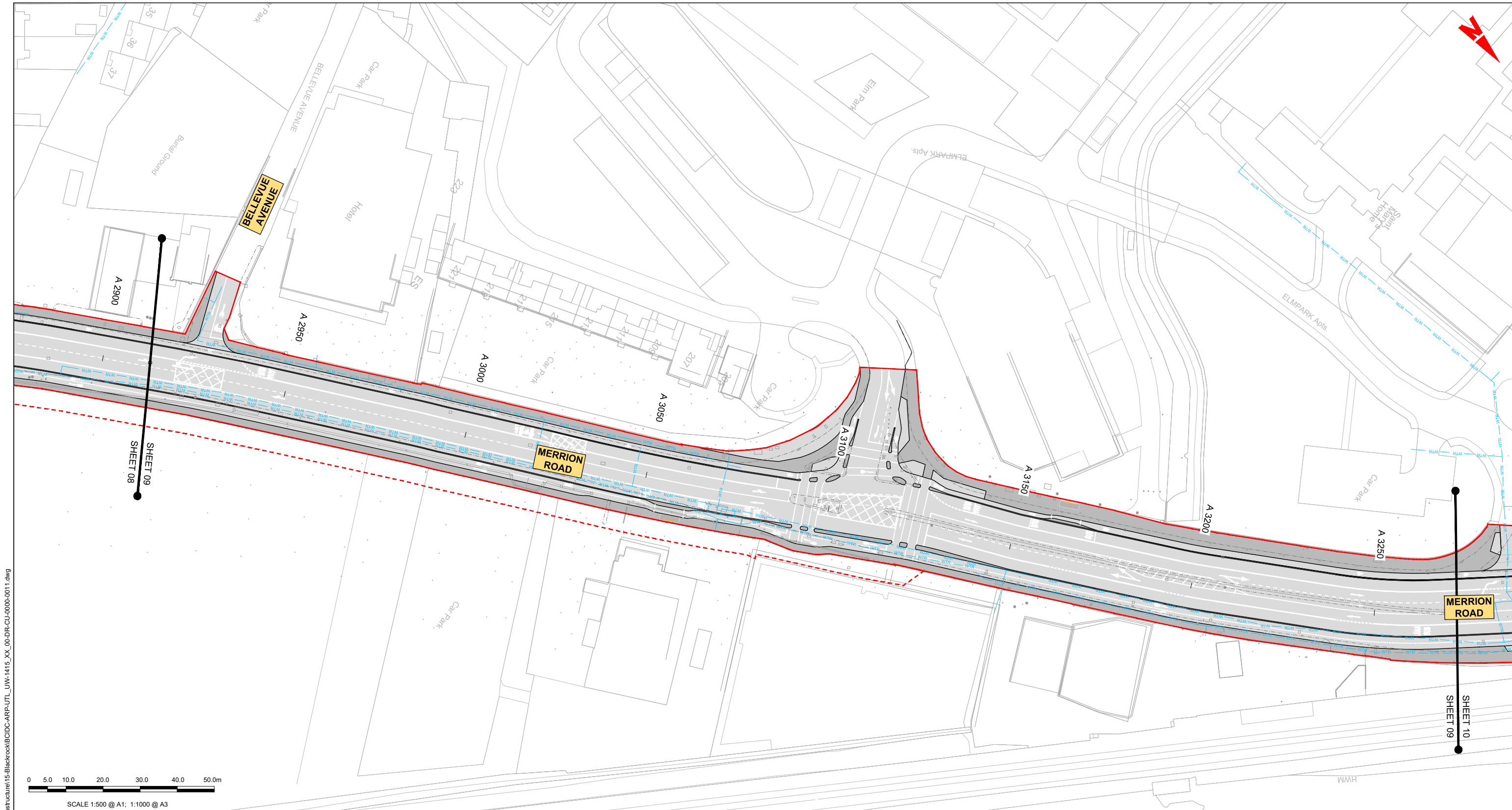
Rev	Date	Drn	Chk'd	App'd	Description
M01	04/03/2022	AG	SW	NH	ISSUE FOR PHASE 4: PLANNING

Client <b>NTA</b> Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer <b>ARUP</b>		
Date 04/03/2022	Scale 1:500 @ A1 1:1000 @ A3	Drawn AG	Checked SW	Approved NH
Project Code BCIDC	Originator Code ARP	QMS Code 268401-00		

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS			
Drawing File Name BCIDC-ARP-UTL_UW-1415_XX_00-DR-CU-0008	Sheet Number 08 of 23	Status A	Rev M01

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

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Rev	Date	Drm	Chk'd	App'd	Description
M01	04/03/2022	AG	SW	NH	ISSUE FOR PHASE 4: PLANNING

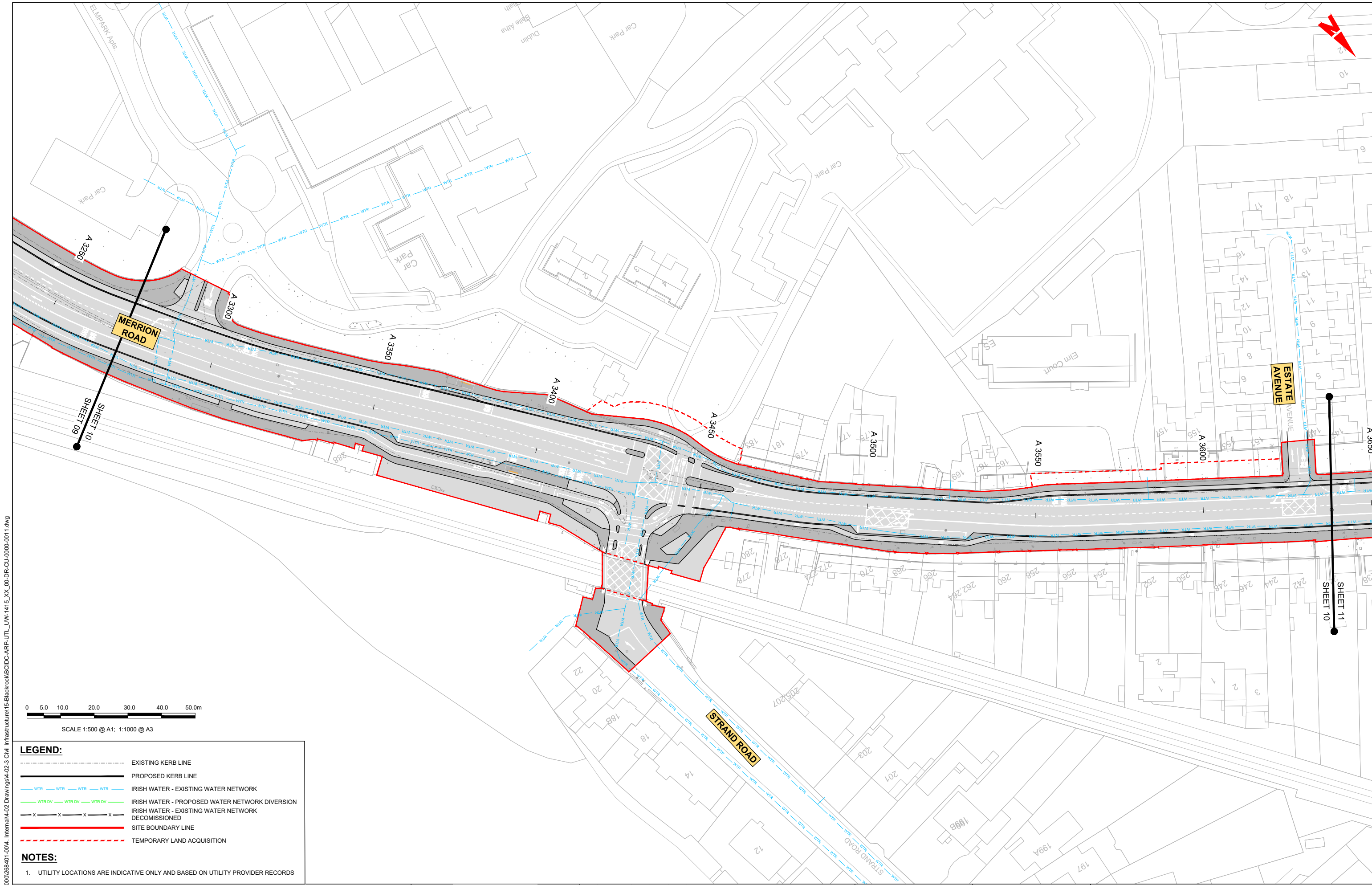
 Údarás Náisiúnta Iompair National Transport Authority		 Engineering Designer		
Date	Scale	Drawn	Checked	Approved
04/03/2022	1:500 @ A1 1:1000 @ A3	AG	SW	NH
Project Code	Originator Code	QMS Code		
BCIDC	ARP	268401-00		

<b>Programme Title</b> BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
<b>Drawing Title</b> BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-UTL_UW-1415_XX_00-DR-CU-0009	09 of 23	A	M01

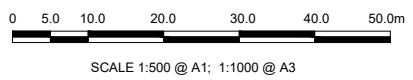
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**LEGEND:**

	EXISTING KERB LINE
	PROPOSED KERB LINE
	IRISH WATER - EXISTING WATER NETWORK
	IRISH WATER - PROPOSED WATER NETWORK DIVERSION
	IRISH WATER - EXISTING WATER NETWORK DECOMMISSIONED
	SITE BOUNDARY LINE
	TEMPORARY LAND ACQUISITION

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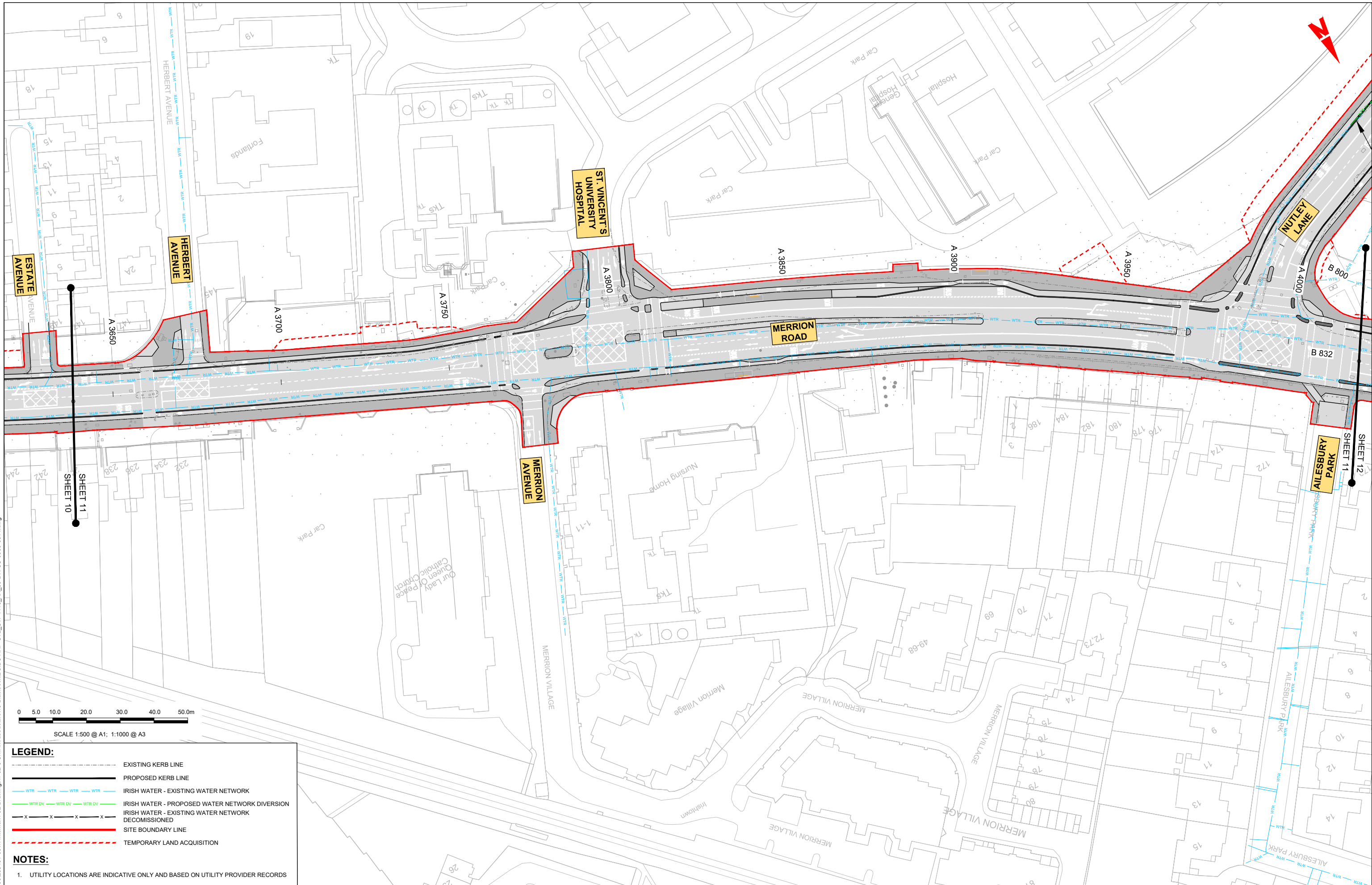


Rev	Date	Drn	Chk'd	App'd	Description
M01	04/03/2022	AG	SW	NH	ISSUE FOR PHASE 4: PLANNING

Date	Scale	Drawn	Checked	Approved
04/03/2022	1:500 @ A1 1:1000 @ A3	AG	SW	NH
Project Code	Originator Code	QMS Code		
BCIDC	ARP	268401-00		

<b>Programme Title</b> BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
<b>Drawing Title</b> BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-UTL_UW-1415_XX_00-DR-CU-0010	10 of 23	A	M01

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**LEGEND:**

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- IRISH WATER - EXISTING WATER NETWORK
- DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

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Rev	Date	Drm	Chk'd	App'd	Description
M01	04/03/2022	AG	SW	NH	ISSUE FOR PHASE 4: PLANNING

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

Date: 04/03/2022 Scale: 1:500 @ A1  
1:1000 @ A3

Engineering Designer: **ARUP**

Drawn: AG Checked: SW Approved: NH

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

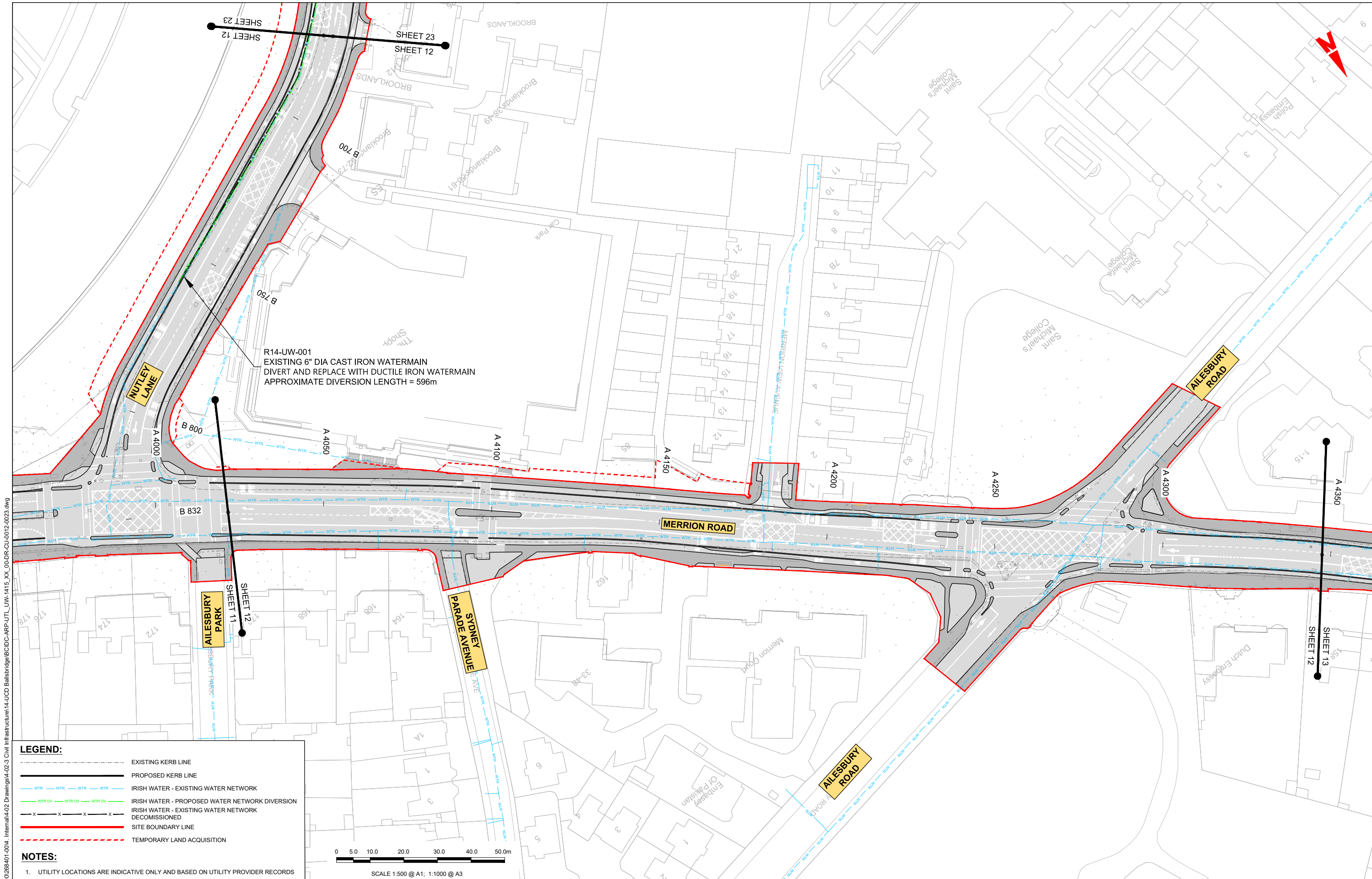
Programme Title: **BUSCONNECTS DUBLIN  
CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME  
IW WATER ASSET ALTERATIONS

Drawing File Name: BCIDC-ARP-UTL\_UW-1415\_XX\_00-DR-CU-0011 Sheet Number: 11 of 23 Status: A Rev: M01

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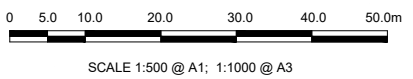


**LEGEND:**

	EXISTING KERB LINE
	PROPOSED KERB LINE
	IRISH WATER - EXISTING WATER NETWORK
	IRISH WATER - PROPOSED WATER NETWORK DIVERSION
	IRISH WATER - EXISTING WATER NETWORK DECOMMISSIONED
	SITE BOUNDARY LINE
	TEMPORARY LAND ACQUISITION

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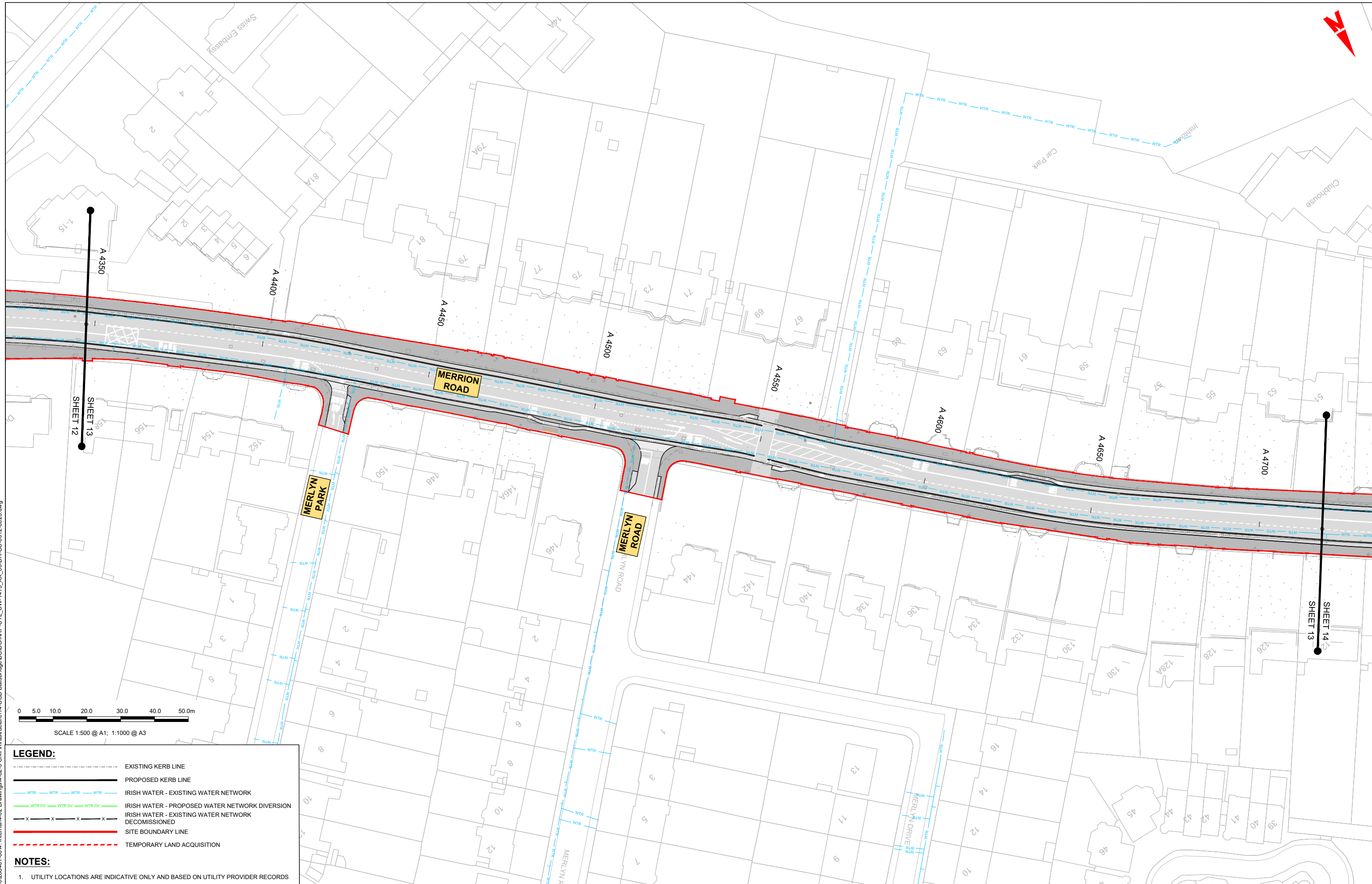
Client  
  
 Údarás Náisiúnta Iompair  
 National Transport Authority

Engineering Designer  
  
 Drawn AG  
 Checked SW  
 Approved NH

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS			
Drawing File Name BCIDC-ARP-UTL_UW-1415_XX_00-DR-CU-0012	Sheet Number 12 of 23	Status A	Rev M01

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**LEGEND:**

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- IRISH WATER - EXISTING WATER NETWORK DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

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Rev	Date	Drn	Chk'd	App'd	Description
M01	04/03/2022	AG	SW	NH	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **ARUP**

Date: 04/03/2022 Scale: 1:500 @ A1, 1:1000 @ A3  
 Drawn: AG, Checked: SW, Approved: NH

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

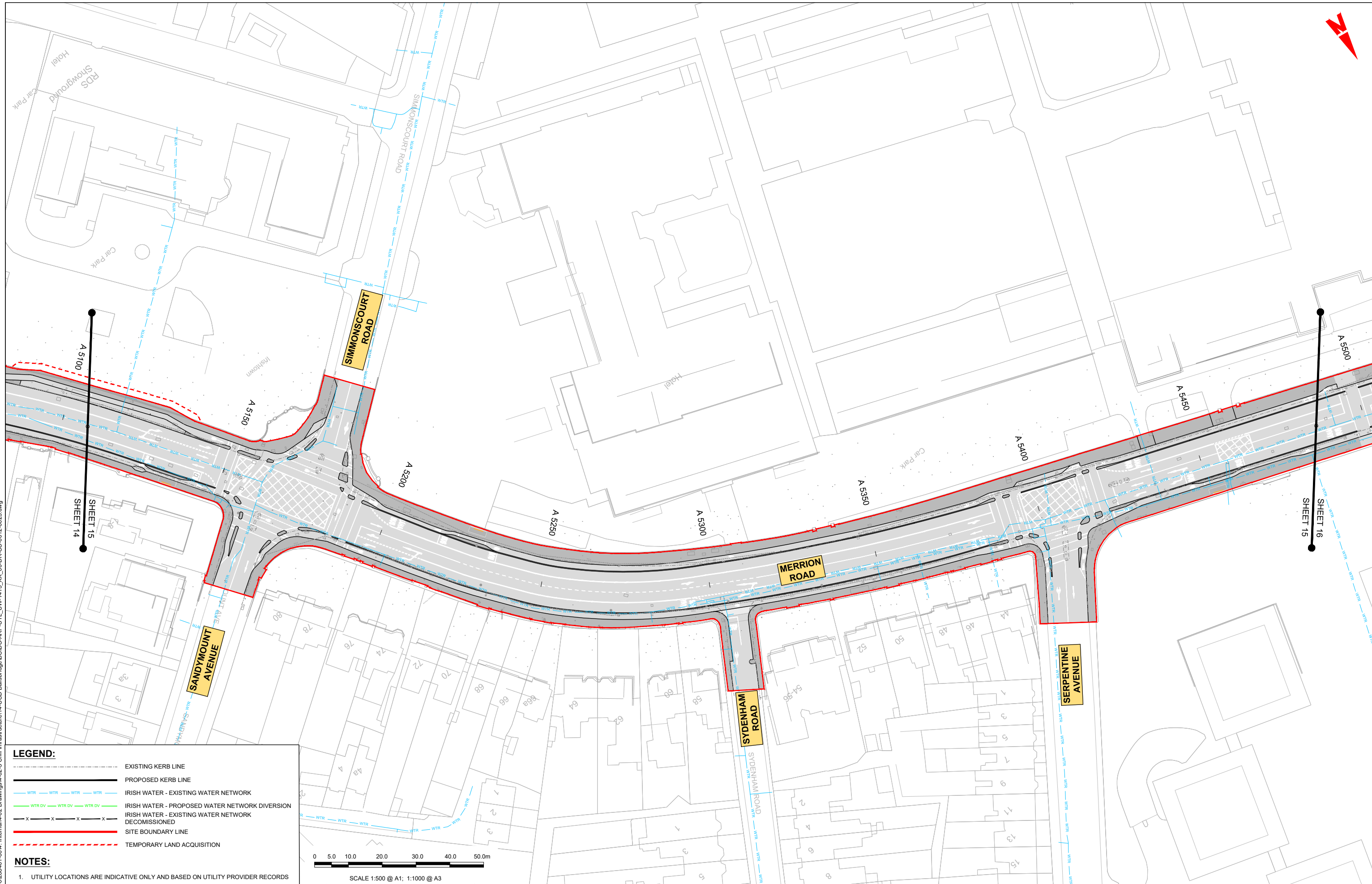
Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS			
Drawing File Name: BCIDC-ARP-UTL_UW-1415_XX_00-DR-CU-0013	Sheet Number: 13 of 23	Status: A	Rev: M01

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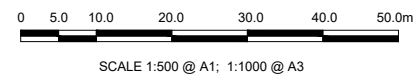
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**LEGEND:**

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- IRISH WATER - EXISTING WATER NETWORK DECOMMISSIONED
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Rev	Date	Dm	Chk'd	App'd	Description
M01	04/03/2022	AG	SW	NH	ISSUE FOR PHASE 4: PLANNING

Client

Date: 04/03/2022

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

Project Code: BCIDC

Originator Code: ARP

Engineering Designer

Drawn: AG

Checked: SW

Approved: NH

QMS Code: 268401-00

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

Drawing Title: BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS

Drawing File Name: BCIDC-ARP-UTL\_UW-1415\_XX\_00-DR-CU-0015

Sheet Number: 15 of 23

Status: A

Rev: M01

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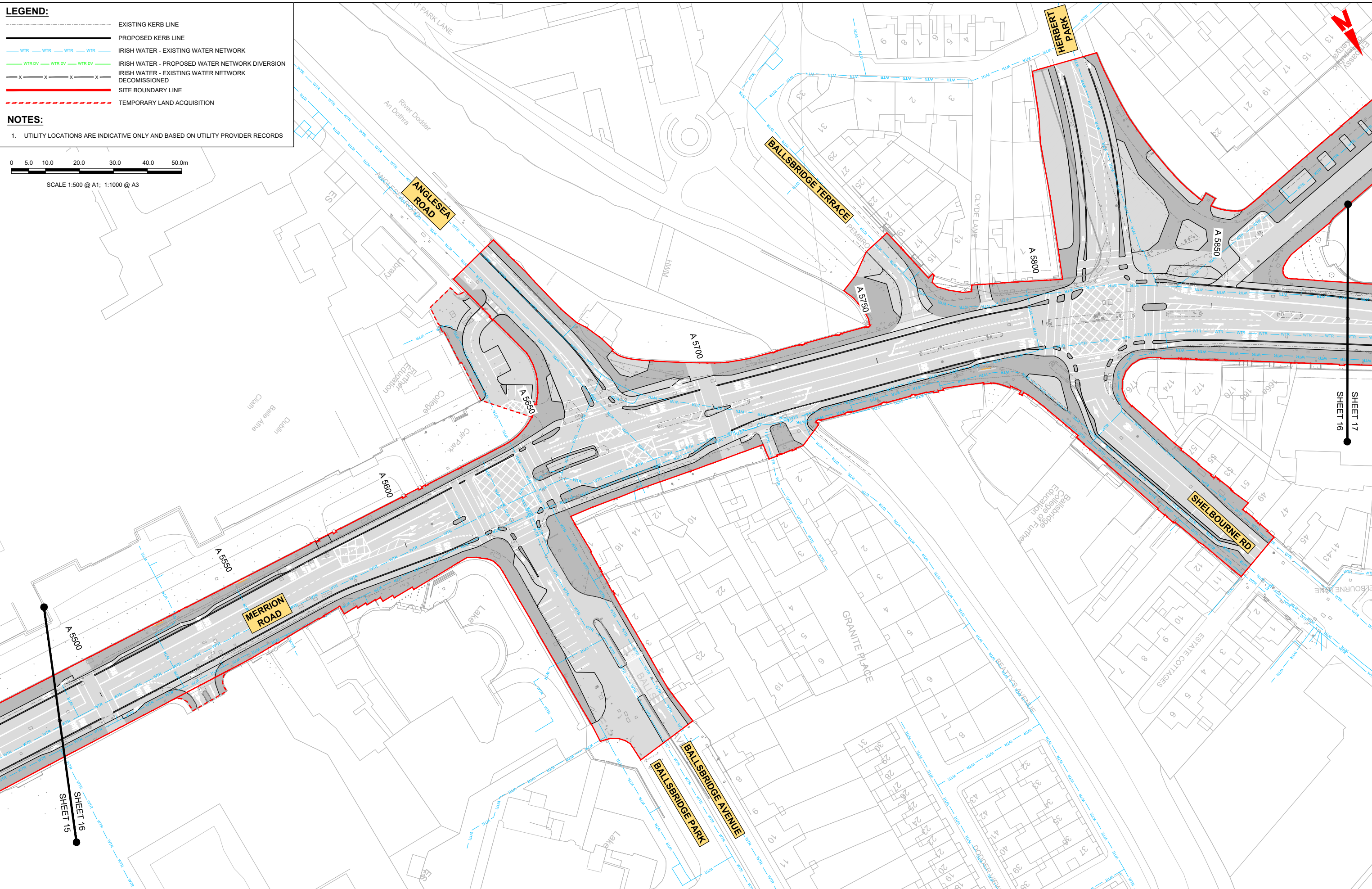
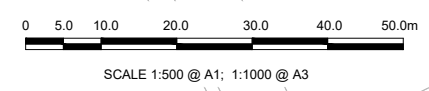


**LEGEND:**

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
- IRISH WATER - EXISTING WATER NETWORK DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

**NOTES:**

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



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**Disclaimer**

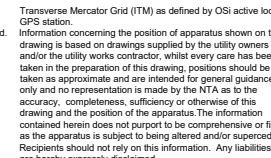
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Rev	Date	Drn	Chk'd	App'd	Description
M01	04/03/2022	AG	SW	NH	ISSUE FOR PHASE 4: PLANNING

Client		Engineering Designer	
 Údarás Náisiúnta Iompair National Transport Authority			
Date	Scale	Drawn	Checked
04/03/2022	1:500 @ A1 1:1000 @ A3	AG	SW
Project Code	Originator Code	QMS Code	Approved
BCIDC	ARP	268401-00	NH

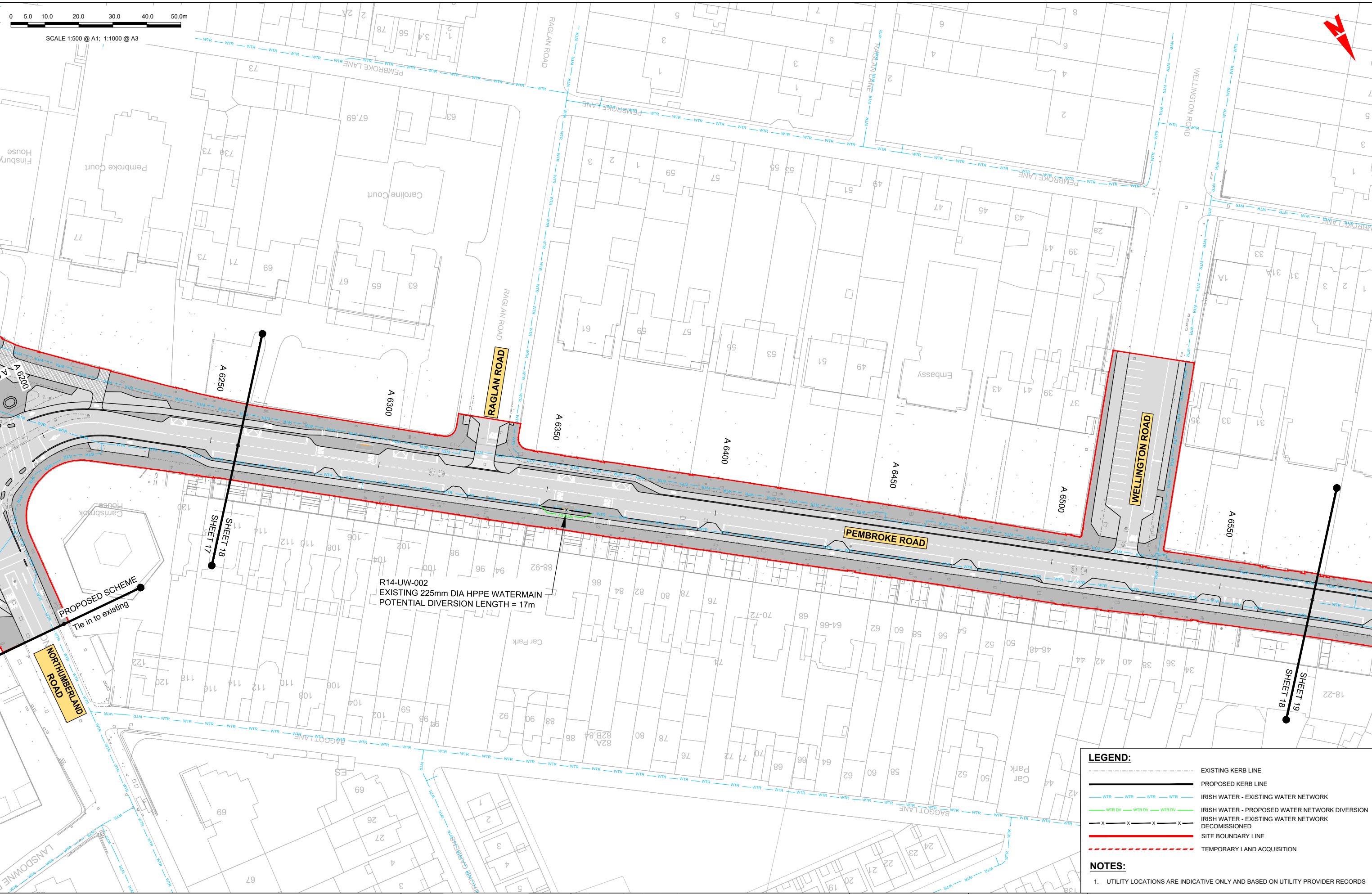
Programme Title			
BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title			
BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-UTL_UW-1415_XX_00-DR-CU-0016	16 of 23	A	M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m  
 SCALE 1:500 @ A1; 1:1000 @ A3



\global\europa\Dublin\Jobs\268600\0288401-0004\_Intemat4-02\_Drawings\4-02-3\_Civil Infrastructure\14-UCD Ballsbridge\BCIDC-ARP-UTL\_UW-1415\_XX\_00-DR-CU-0012-0023.dwg

PROPOSED SCHEME  
 Tie in to existing

R14-UW-002  
 EXISTING 225mm DIA HPPE WATERMAIN  
 POTENTIAL DIVERSION LENGTH = 17m

**LEGEND:**

	EXISTING KERB LINE
	PROPOSED KERB LINE
	IRISH WATER - EXISTING WATER NETWORK
	IRISH WATER - PROPOSED WATER NETWORK DIVERSION
	IRISH WATER - EXISTING WATER NETWORK DECOMMISSIONED
	SITE BOUNDARY LINE
	TEMPORARY LAND ACQUISITION

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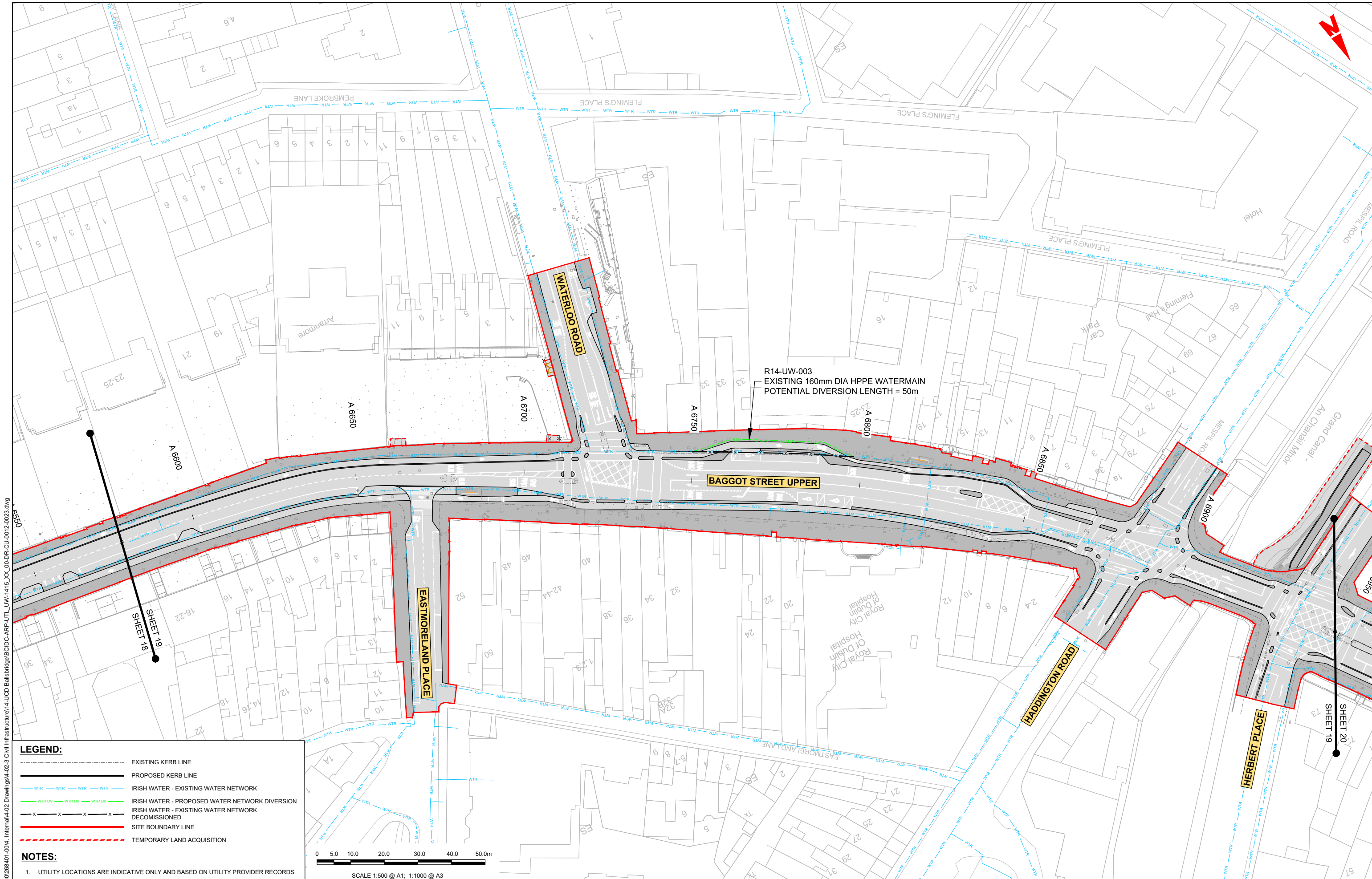


Rev	Date	Drm	Chk'd	App'd	Description
M01	04/03/2022	AG	SW	NH	ISSUE FOR PHASE 4: PLANNING

Client <b>NTA</b> Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer <b>ARUP</b>		
Date 04/03/2022	Scale 1:500 @ A1 1:1000 @ A3	Drawn AG	Checked SW	Approved NH
Project Code BCIDC	Originator Code ARP	QMS Code 268401-00		

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS			
Drawing File Name BCIDC-ARP-UTL_UW-1415_XX_00-DR-CU-0018	Sheet Number 18 of 23	Status A	Rev M01

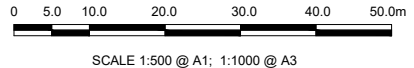
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- LEGEND:**
- EXISTING KERB LINE
  - PROPOSED KERB LINE
  - IRISH WATER - EXISTING WATER NETWORK
  - IRISH WATER - PROPOSED WATER NETWORK DIVERSION
  - IRISH WATER - EXISTING WATER NETWORK DECOMMISSIONED
  - SITE BOUNDARY LINE
  - TEMPORARY LAND ACQUISITION

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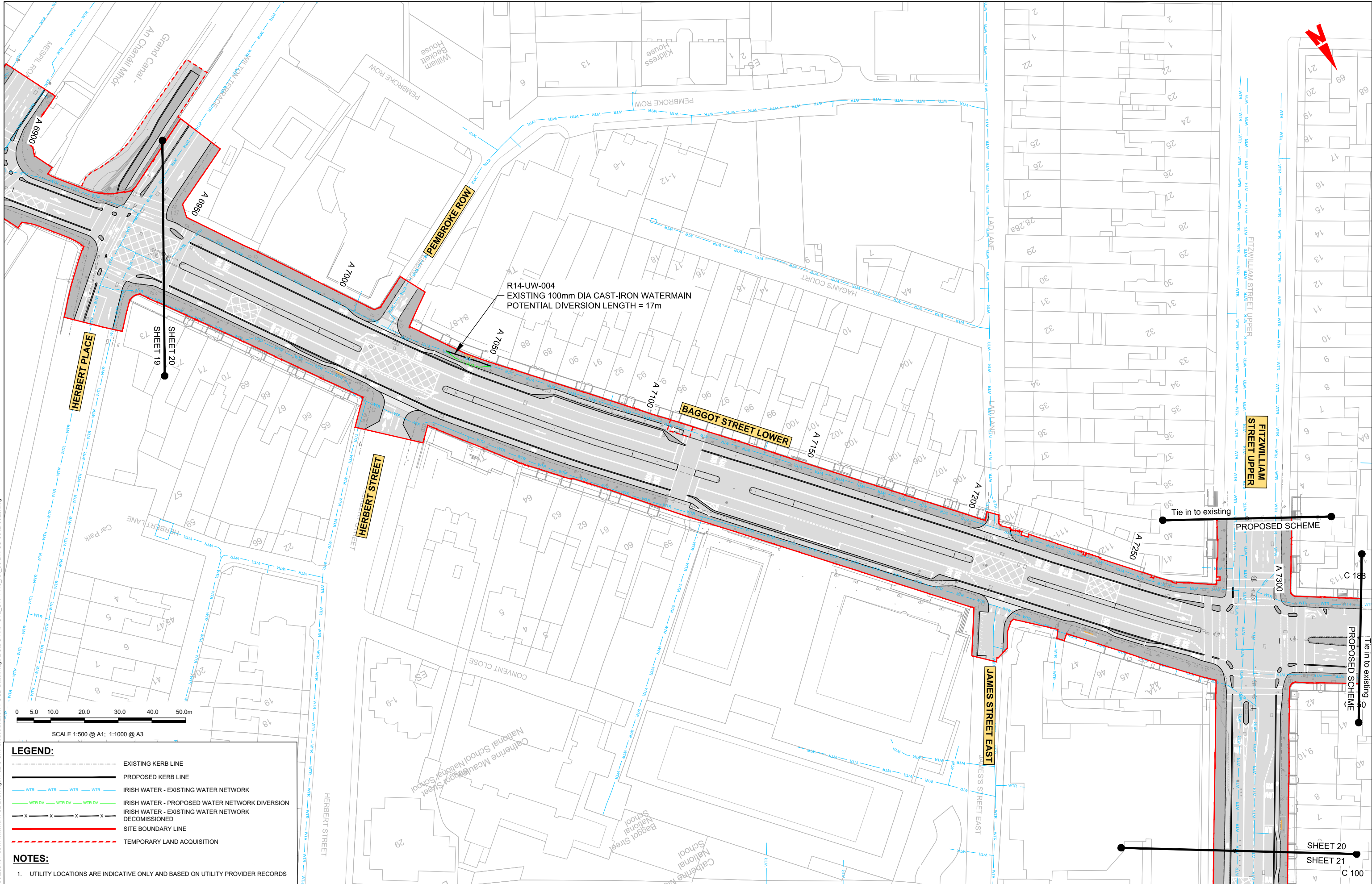


GlobalEurope/Dublin/Projects/266000/0288401-0004\_Intemat4-02\_Drawings4-02-3\_Civil Infrastructure/14-JCD\_Ballsbridge/BCIDC-ARP-UTL\_UW-1415\_XX\_00-DR-CU-0012-0023.dwg  
 06550

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<p>Date 04/03/2022</p> <p>Scale 1:500 @ A1 1:1000 @ A3</p> <p>Project Code BCIDC</p> <p>Originator Code ARP</p> <p>QMS Code 268401-00</p>		<p>Drawn AG</p> <p>Checked SW</p> <p>Approved NH</p>			<p>Drawing Title</p> <p>BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS</p>									
<p>Drawing File Name</p> <p>BCIDC-ARP-UTL_UW-1415_XX_00-DR-CU-0019</p>		<p>Sheet Number</p> <p>19 of 23</p>		<p>Status</p> <p>A</p>		<p>Rev</p> <p>M01</p>								

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**LEGEND:**

- EXISTING KERB LINE
- PROPOSED KERB LINE
- IRISH WATER - EXISTING WATER NETWORK
- IRISH WATER - PROPOSED WATER NETWORK DIVERSION
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Rev	Date	Drn	Chk'd	App'd	Description
M01	04/03/2022	AG	SW	NH	ISSUE FOR PHASE 4: PLANNING

Client

**NTA**  
Údarás Náisiúnta Iompair  
National Transport Authority

Date: 04/03/2022  
Scale: 1:500 @ A1  
1:1000 @ A3

Engineering Designer

**ARUP**

Drawn: AG  
Checked: SW  
Approved: NH

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

Programme Title

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

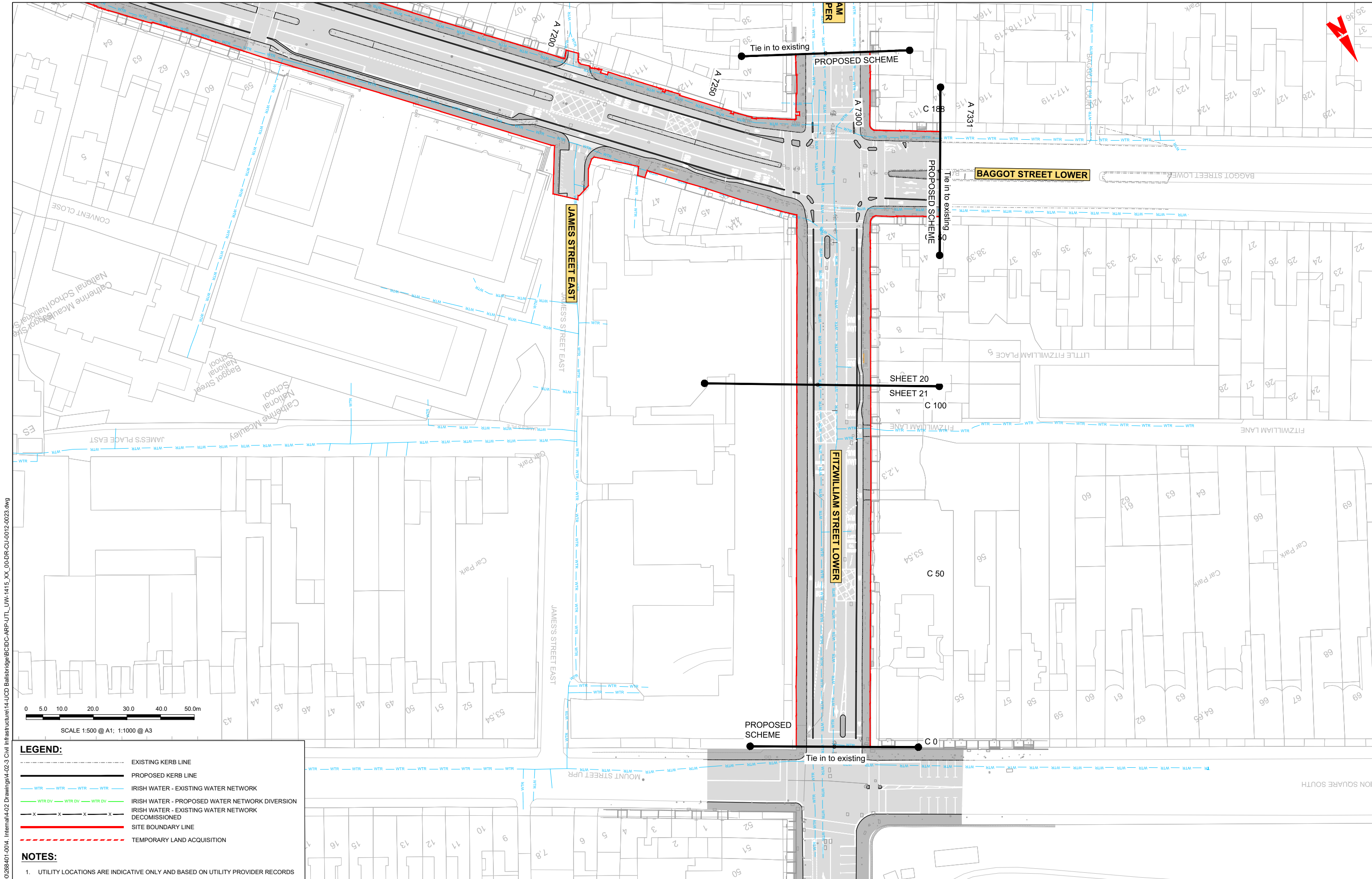
Drawing Title

BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME  
IW WATER ASSET ALTERATIONS

Drawing File Name: BCIDC-ARP-UTL\_UW-1415\_XX\_00-DR-CU-0020  
Sheet Number: 20 of 23  
Status: A  
Rev: M01

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**LEGEND:**

	EXISTING KERB LINE
	PROPOSED KERB LINE
	IRISH WATER - EXISTING WATER NETWORK
	IRISH WATER - PROPOSED WATER NETWORK DIVERSION
	IRISH WATER - EXISTING WATER NETWORK DECOMMISSIONED
	SITE BOUNDARY LINE
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M01	04/03/2022	AG	SW	NH	ISSUE FOR PHASE 4: PLANNING

Client

Údarás Náisiúnta Iompair  
National Transport Authority

Engineering Designer

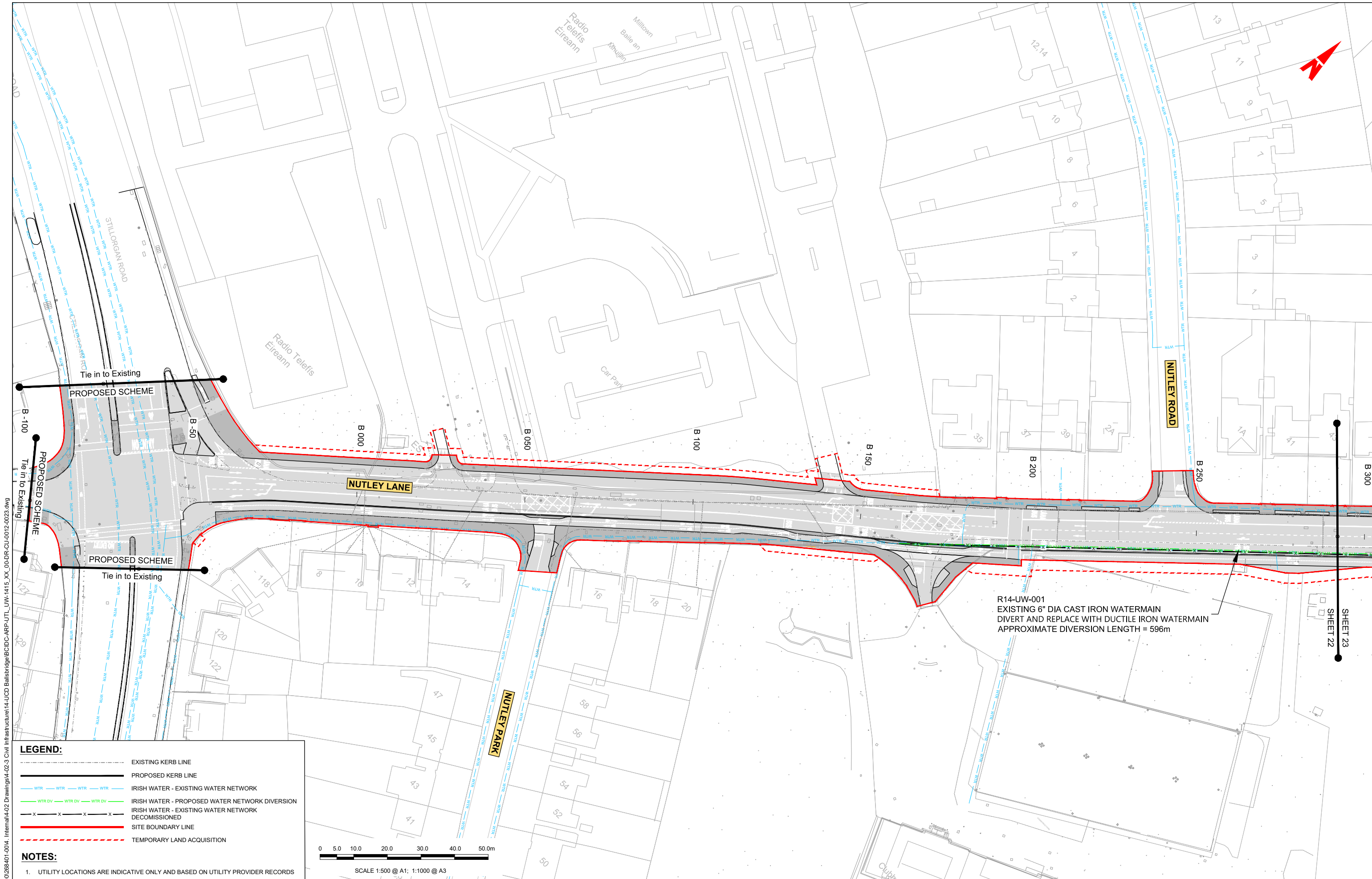
Drawn AG  
Checked SW  
Approved NH

Programme Title		<b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>		
Drawing Title		BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS		
Drawing File Name	Sheet Number	Status	Rev	
BCIDC-ARP-UTL_UW-1415_XX_00-DR-CU-0021	21 of 23	A	M01	

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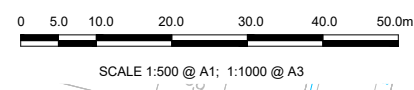
R14-UW-001  
 EXISTING 6" DIA CAST IRON WATERMAIN  
 DIVERT AND REPLACE WITH DUCTILE IRON WATERMAIN  
 APPROXIMATE DIVERSION LENGTH = 596m

**LEGEND:**

	EXISTING KERB LINE
	PROPOSED KERB LINE
	IRISH WATER - EXISTING WATER NETWORK
	IRISH WATER - PROPOSED WATER NETWORK DIVERSION
	IRISH WATER - EXISTING WATER NETWORK DECOMMISSIONED
	SITE BOUNDARY LINE
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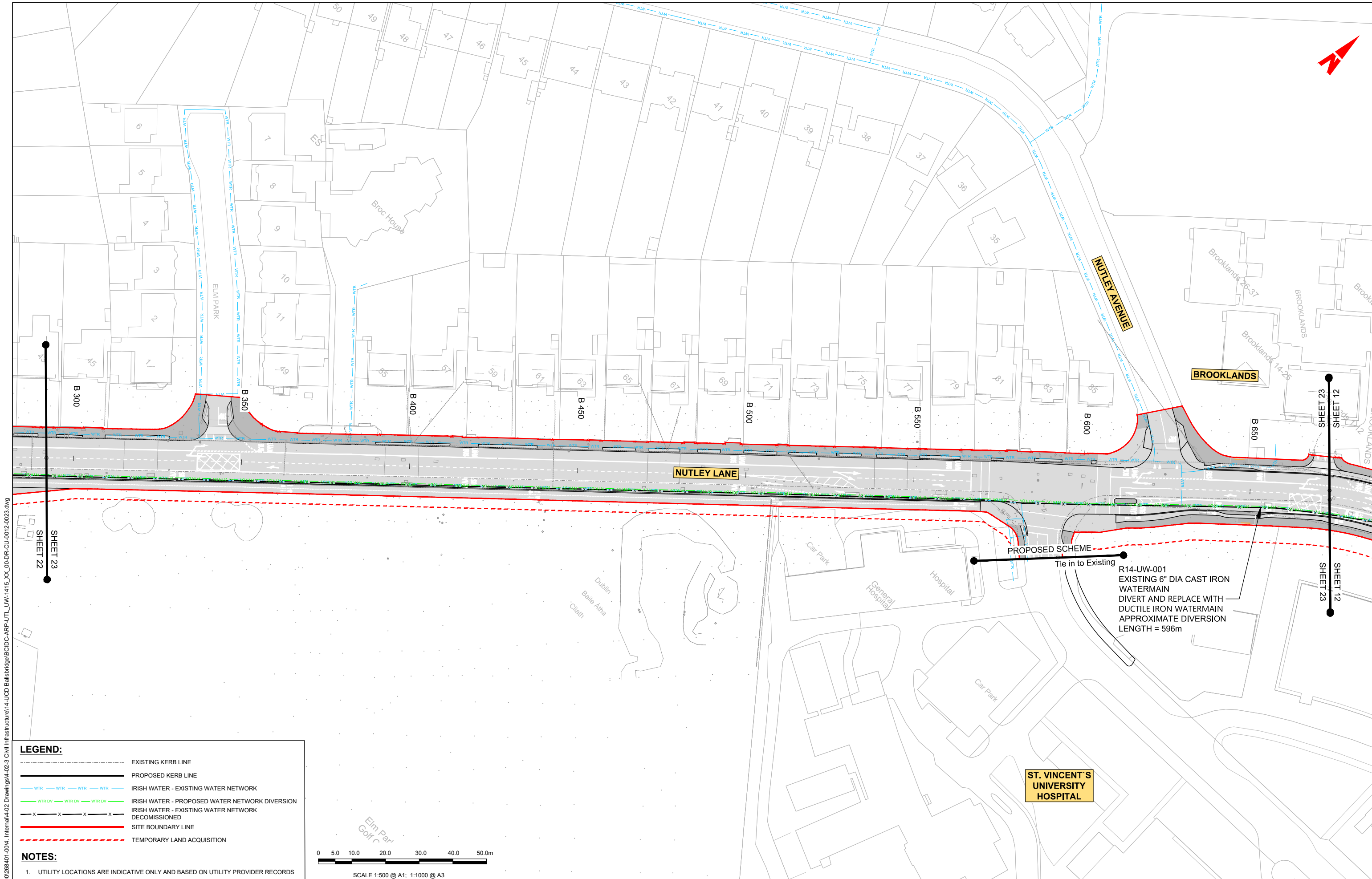


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<p>Date 04/03/2022</p> <p>Scale 1:500 @ A1          1:1000 @ A3</p> <p>Project Code BCIDC</p> <p>Originator Code ARP</p>		<p>Drawn AG</p> <p>Checked SW</p> <p>Approved NH</p> <p>QMS Code 268401-00</p>			<p>Drawing Title</p> <p>BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME          IW WATER ASSET ALTERATIONS</p>								
<p>Project Code BCIDC</p>		<p>Originator Code ARP</p>		<p>QMS Code 268401-00</p>		<p>Drawing File Name</p> <p>BCIDC-ARP-UTL_UW-1415_XX_00-DR-CU-0022</p>		<p>Sheet Number 22 of 23</p>		<p>Status A</p>		<p>Rev M01</p>	

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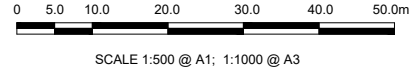


**LEGEND:**

	EXISTING KERB LINE
	PROPOSED KERB LINE
	IRISH WATER - EXISTING WATER NETWORK
	IRISH WATER - PROPOSED WATER NETWORK DIVERSION
	IRISH WATER - EXISTING WATER NETWORK DECOMMISSIONED
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Rev	Date	Drm	Chk'd	App'd	Description																			
M01	04/03/2022	AG	SW	NH	ISSUE FOR PHASE 4: PLANNING																			
<p>Date: 04/03/2022</p> <p>Scale: 1:500 @ A1 1:1000 @ A3</p> <p>Project Code: BCIDC</p> <p>Originator Code: ARP</p>						<p>Drawn: AG</p> <p>Checked: SW</p> <p>Approved: NH</p>			<p>Drawing Title</p> <p>BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW WATER ASSET ALTERATIONS</p>															
<p>QMS Code: 268401-00</p>						<p>Drawing File Name: BCIDC-ARP-UTL_UW-1415_XX_00-DR-CU-0023</p>																		
						<p>Sheet Number: 23 of 23</p>		<p>Status: A</p>		<p>Rev: M01</p>														

DO NOT SCALE USE FIGURED DIMENSIONS ONLY