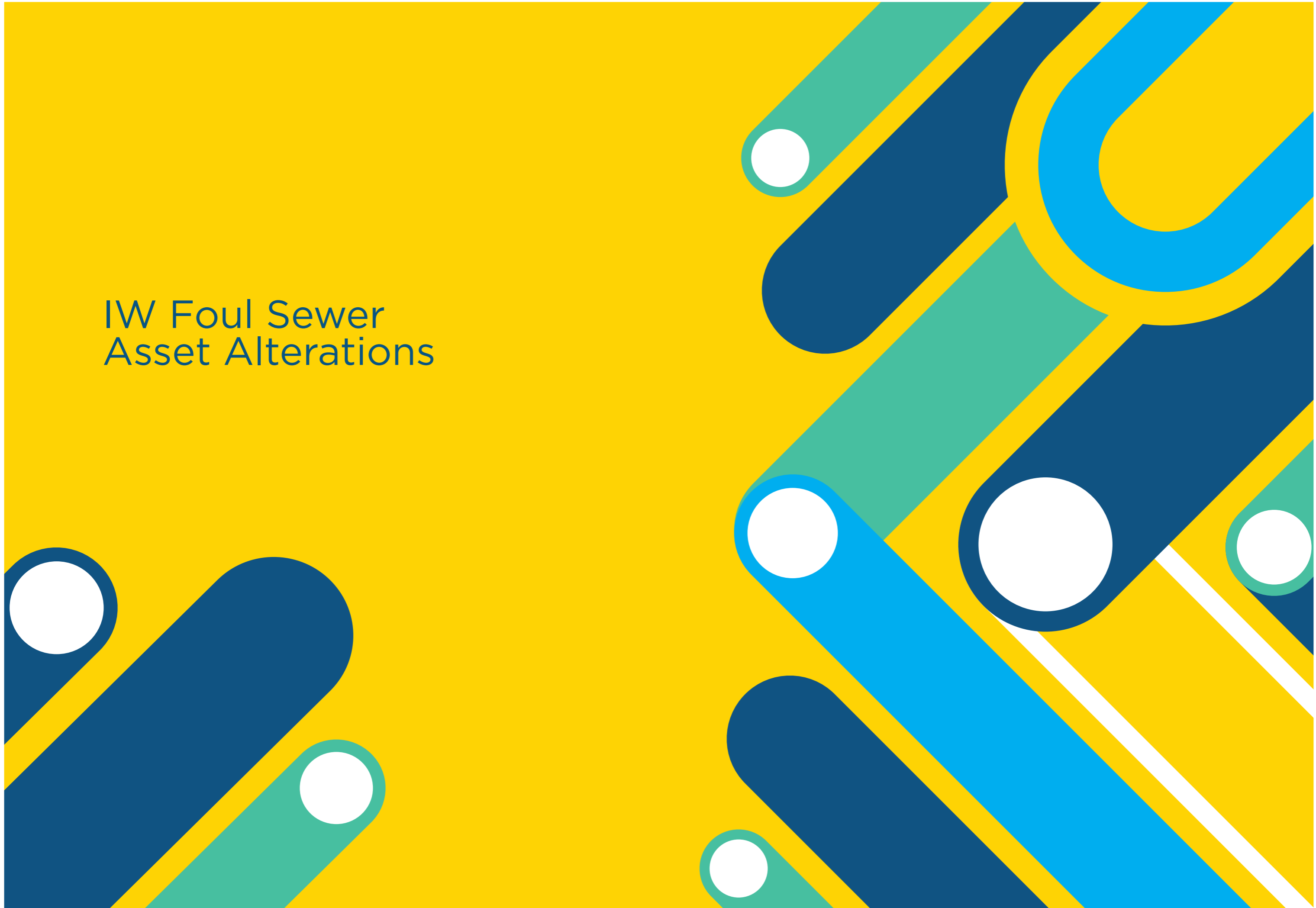
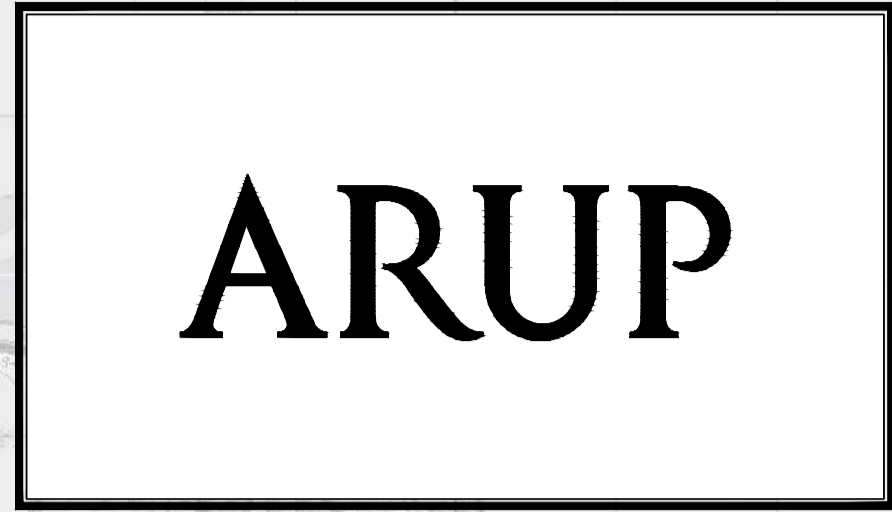


IW Foul Sewer  
Asset Alterations





# 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-0002	BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME. IW FOUL SEWER ASSET ALTERATIONS. COVER SHEET
BCIDC-ARP-UTL_KP-1415_XX_00-DR-CU-0002	BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME. IW FOUL SEWER ASSET ALTERATIONS. KEY PLAN
BCIDC-ARP-UTL_UD-1415_XX_00-DR-CU-0001 to 0023	BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME. IW FOUL SEWER ASSET ALTERATIONS

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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 <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 FOUL SEWER ASSET ALTERATIONS COVER SHEET			
Drawing File Name BCIDC-ARP-UTL_IX-1415_XX_00-DR-CU-0002	Sheet Number 01 of 01	Status A	Rev M01

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

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Building Ireland's Future

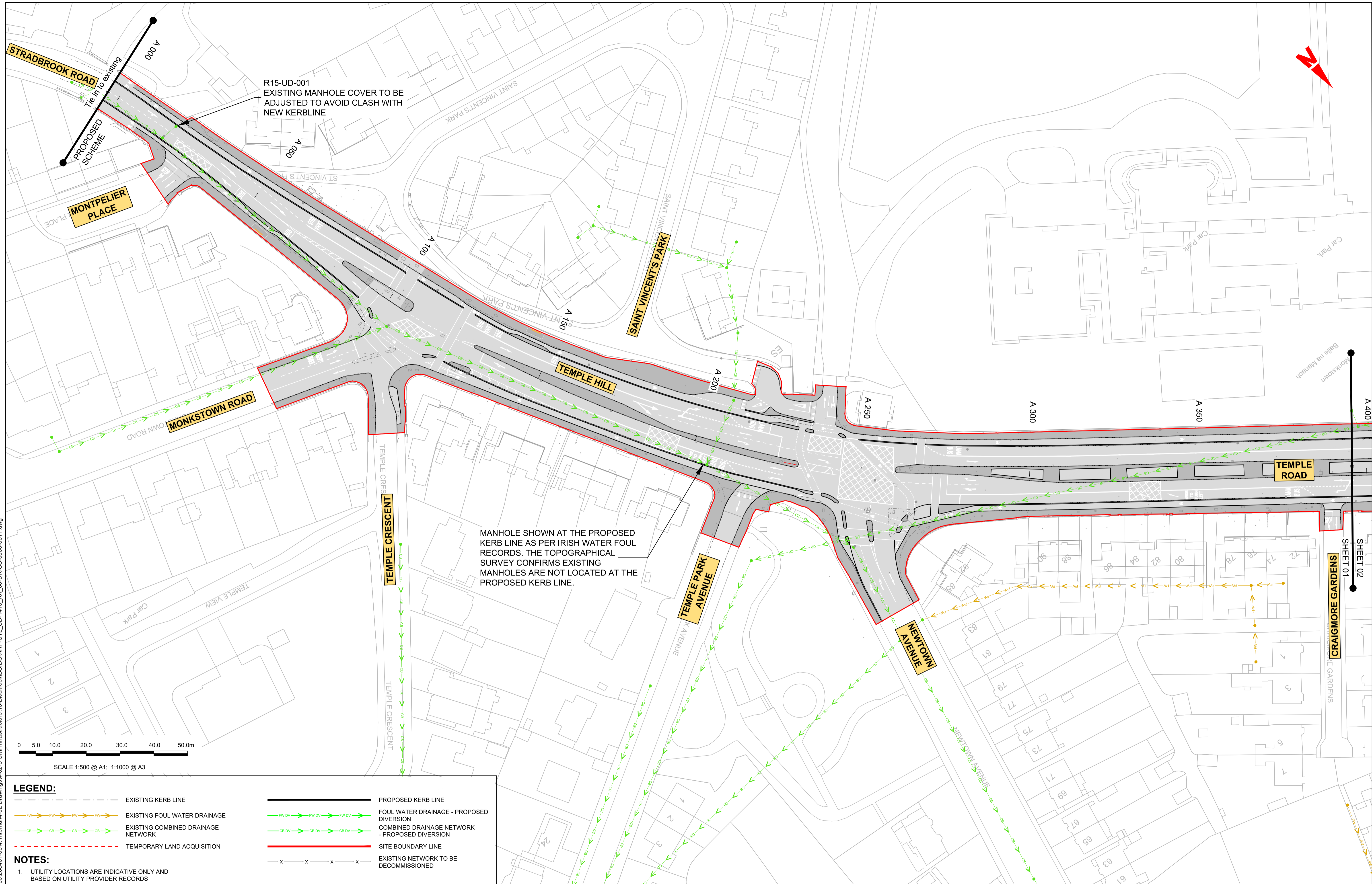
Rev	Date	Drn	Chk'd	App'd	Description
M01	04/03/2022	AG	SW	NH	ISSUE FOR PHASE 4: PLANNING

Client  
  
 Údarás Náisiúnta Iompair  
 National Transport Authority

Engineering Designer

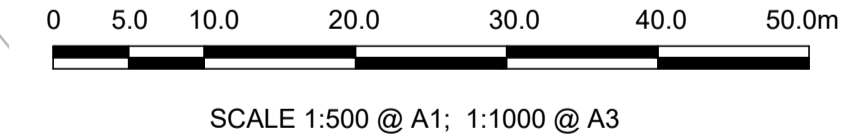
Programme Title <b>BUSCONNECTS DUBLIN          CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>	
Drawing Title BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW FOUL SEWER ASSET ALTERATIONS KEY PLAN	
Drawing File Name BCIDC-ARP-UTL_KP-1415_XX_00-DR-CU-0002	Sheet Number 01 of 01
Status A	Rev M01

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R15-UD-001  
EXISTING MANHOLE COVER TO BE  
ADJUSTED TO AVOID CLASH WITH  
NEW KERBLINE

MANHOLE SHOWN AT THE PROPOSED  
KERB LINE AS PER IRISH WATER FOUL  
RECORDS. THE TOPOGRAPHICAL  
SURVEY CONFIRMS EXISTING  
MANHOLES ARE NOT LOCATED AT THE  
PROPOSED KERB LINE.



LEGEND:	
	EXISTING KERB LINE
	PROPOSED KERB LINE
	EXISTING FOUL WATER DRAINAGE
	FOUL WATER DRAINAGE - PROPOSED DIVERSION
	EXISTING COMBINED DRAINAGE NETWORK
	COMBINED DRAINAGE NETWORK - PROPOSED DIVERSION
	TEMPORARY LAND ACQUISITION
	SITE BOUNDARY LINE
	EXISTING NETWORK TO BE DECOMMISSIONED

**NOTES:**  
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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

Engineering Designer: **ARUP**

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

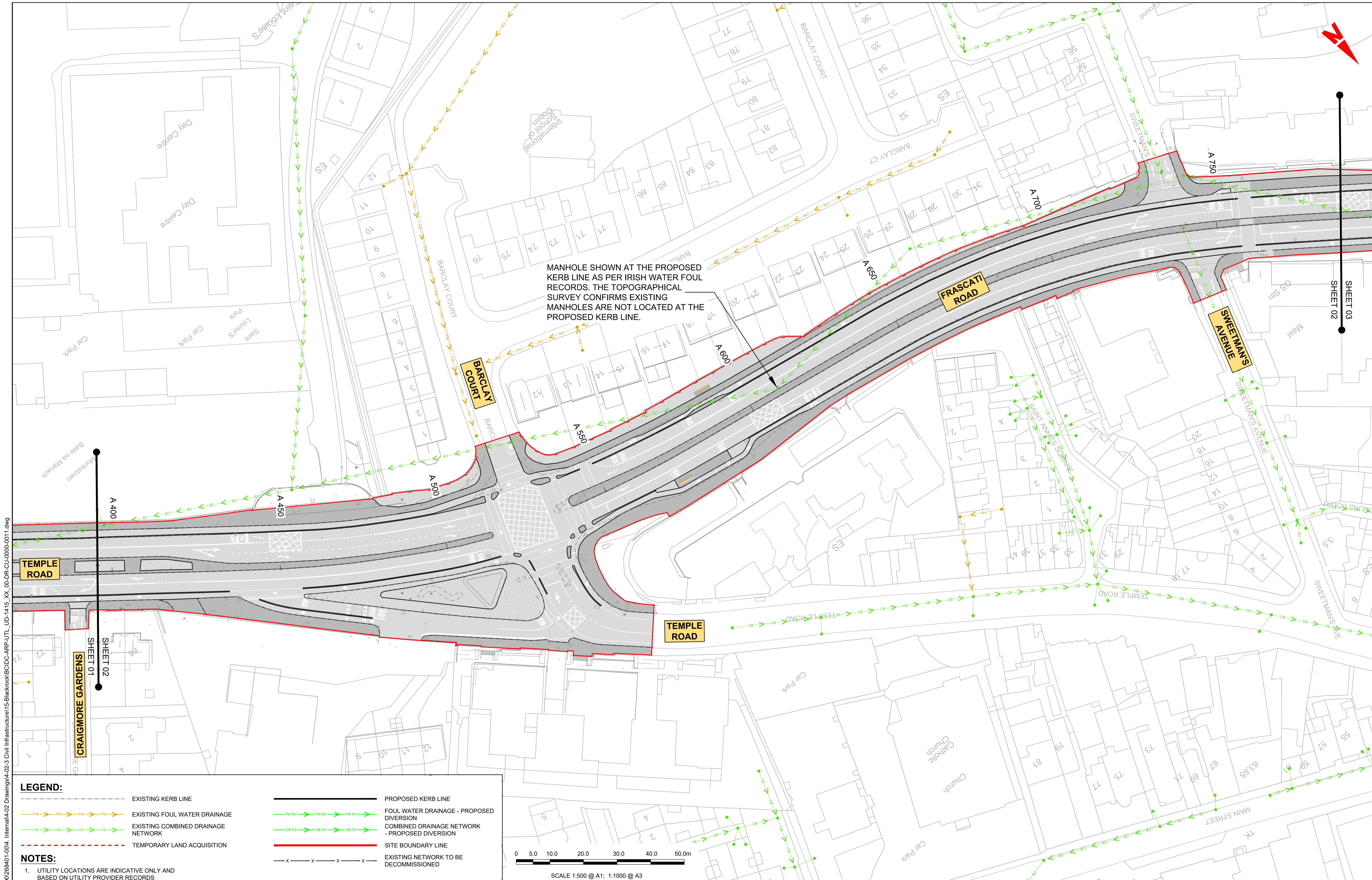
Drawn: AG  
Checked: SW  
Approved: NH

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 FOUL SEWER ASSET ALTERATIONS				
Drawing File Name		Sheet Number	Status	Rev
BCIDC-ARP-UTL_UD-1415_XX_00-DR-CU-0001		01 of 23	A	M01

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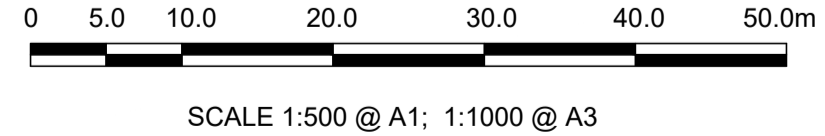
MANHOLE SHOWN AT THE PROPOSED KERB LINE AS PER IRISH WATER FOUL RECORDS. THE TOPOGRAPHICAL SURVEY CONFIRMS EXISTING MANHOLES ARE NOT LOCATED AT THE PROPOSED KERB LINE.

**LEGEND:**

- EXISTING KERB LINE
- PROPOSED KERB LINE
- EXISTING FOUL WATER DRAINAGE
- FOUL WATER DRAINAGE - PROPOSED DIVERSION
- EXISTING COMBINED DRAINAGE NETWORK
- COMBINED DRAINAGE NETWORK - PROPOSED DIVERSION
- TEMPORARY LAND ACQUISITION
- SITE BOUNDARY LINE
- EXISTING NETWORK TO BE DECOMMISSIONED

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

Engineering Designer: **ARUP**

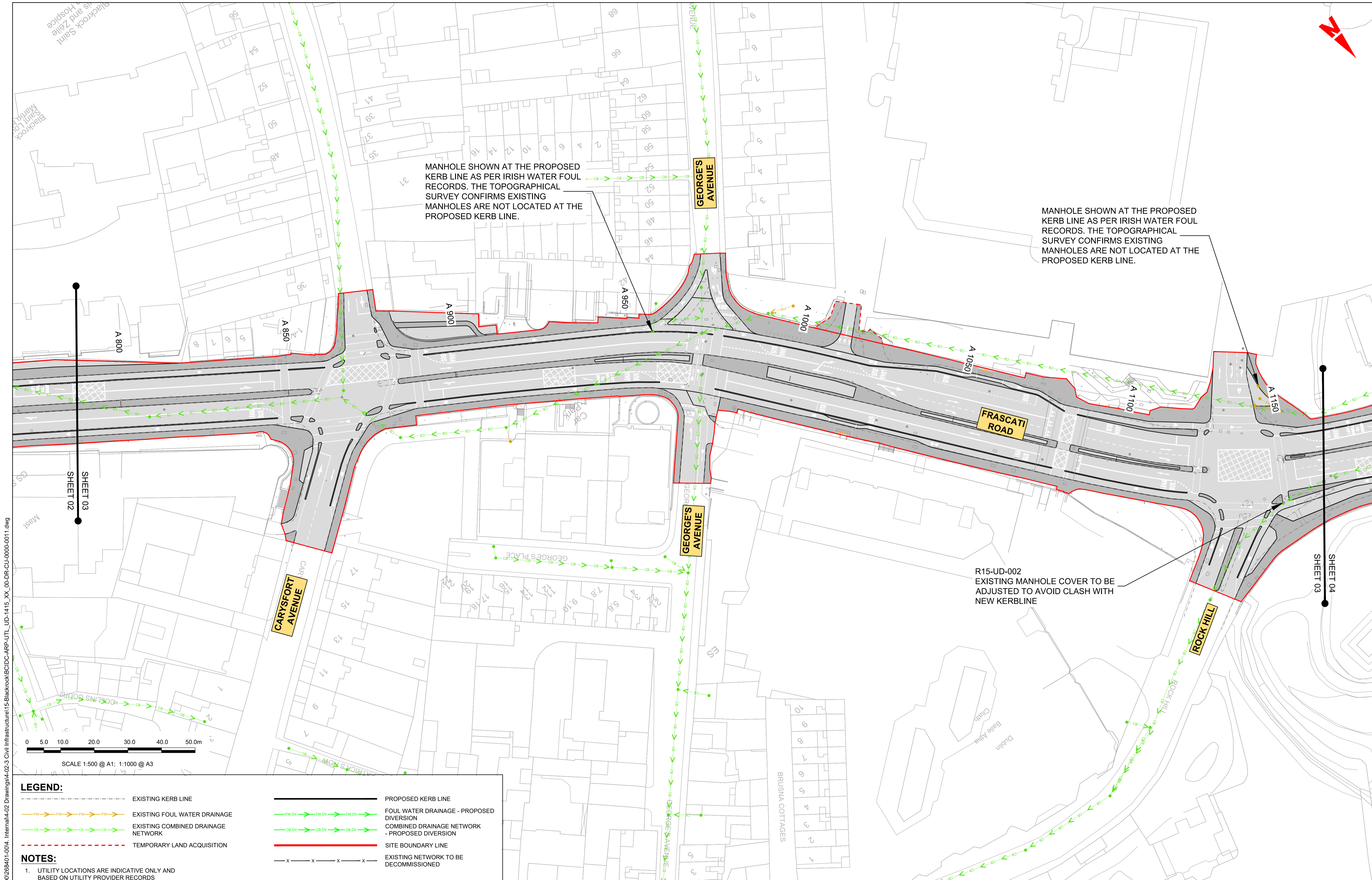
Date: 04/03/2022  
Scale: 1:500 @ A1  
1:1000 @ A3

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 FOUL SEWER ASSET ALTERATIONS			
Drawing File Name: BCIDC-ARP-UTL_UD-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
- EXISTING FOUL WATER DRAINAGE
- FOUL WATER DRAINAGE - PROPOSED DIVERSION
- EXISTING COMBINED DRAINAGE NETWORK
- COMBINED DRAINAGE NETWORK - PROPOSED DIVERSION
- TEMPORARY LAND ACQUISITION
- SITE BOUNDARY LINE
- EXISTING NETWORK TO BE DECOMMISSIONED

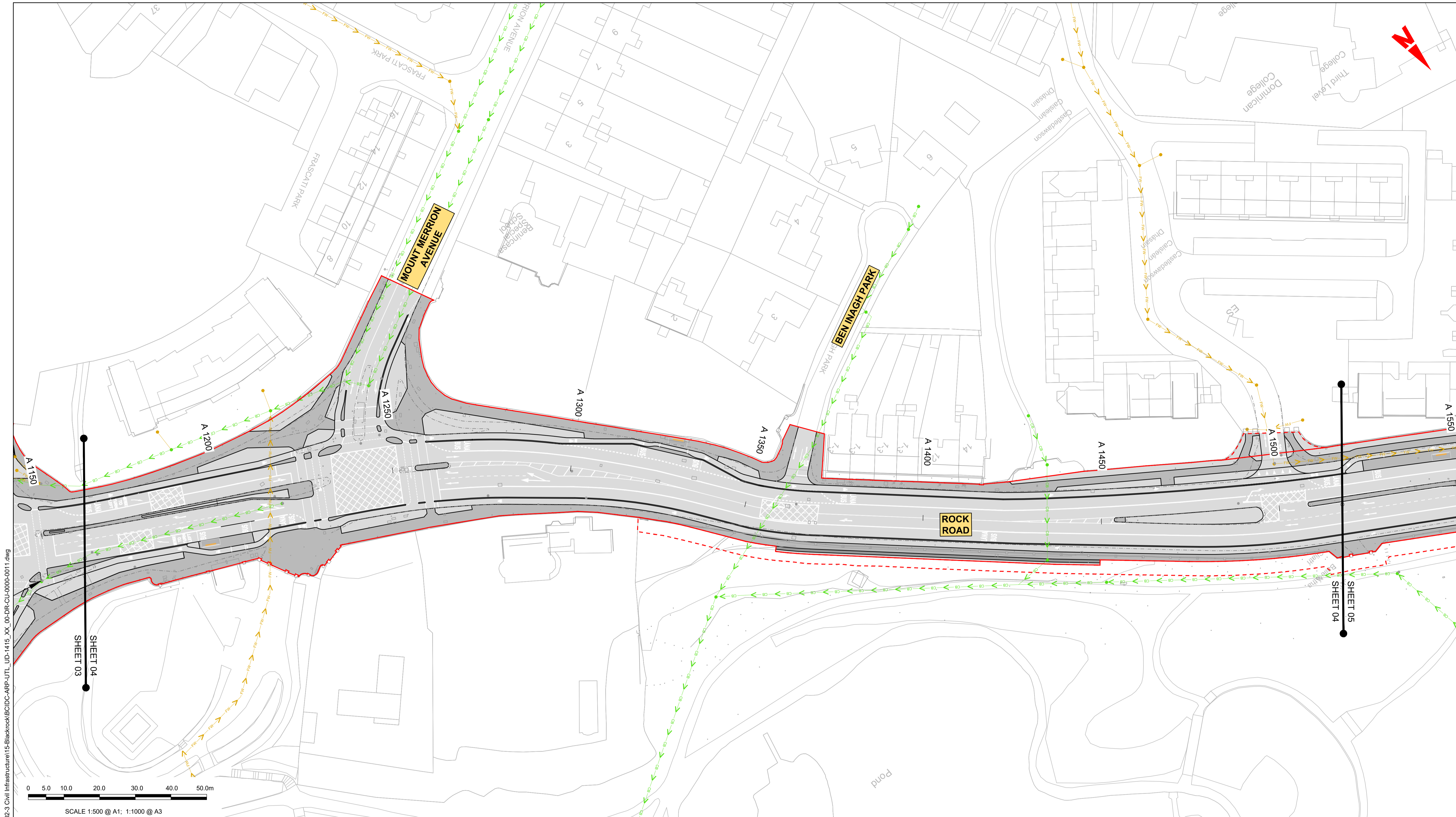
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<p>Date 04/03/2022 Scale 1:500 @ A1 1:1000 @ A3</p>		<p>Drawn AG Checked SW Approved NH</p>		<p>Project Code BCIDC Originator Code ARP QMS Code 268401-00</p>		<p>Drawing Title BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW FOUL SEWER ASSET ALTERATIONS</p>						
<p>Drawing File Name BCIDC-ARP-UTL_UD-1415_XX_00-DR-CU-0003</p>		<p>Sheet Number 03 of 23</p>		<p>Status A</p>		<p>Rev M01</p>						

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**LEGEND:**

- EXISTING KERB LINE
- PROPOSED KERB LINE
- EXISTING FOUL WATER DRAINAGE
- FOUL WATER DRAINAGE - PROPOSED DIVERSION
- EXISTING COMBINED DRAINAGE NETWORK
- COMBINED DRAINAGE NETWORK - PROPOSED DIVERSION
- TEMPORARY LAND ACQUISITION
- SITE BOUNDARY LINE
- EXISTING NETWORK TO BE DECOMMISSIONED

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**Project Ireland 2040**  
Building Ireland's Future

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**

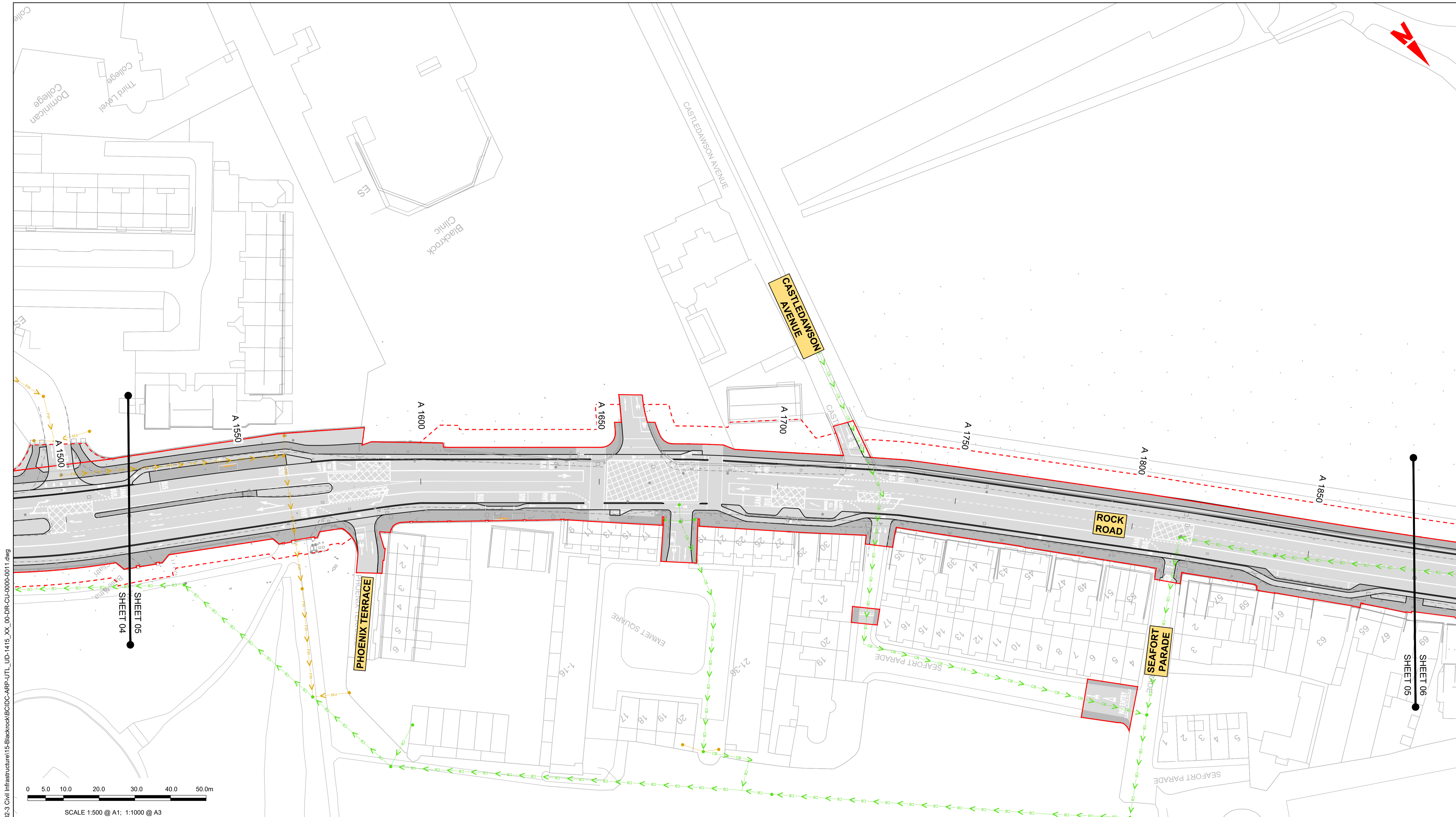
Date: 04/03/2022  
Scale: 1:500 @ A1  
1:1000 @ A3

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 FOUL SEWER ASSET ALTERATIONS			
Drawing File Name: BCIDC-ARP-UTL_UD-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
	EXISTING FOUL WATER DRAINAGE		FOUL WATER DRAINAGE - PROPOSED DIVERSION
	EXISTING COMBINED DRAINAGE NETWORK		COMBINED DRAINAGE NETWORK - PROPOSED DIVERSION
	TEMPORARY LAND ACQUISITION		SITE BOUNDARY LINE
	EXISTING NETWORK TO BE DECOMMISSIONED		

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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

Údarás Náisiúnta Iompair  
National Transport Authority

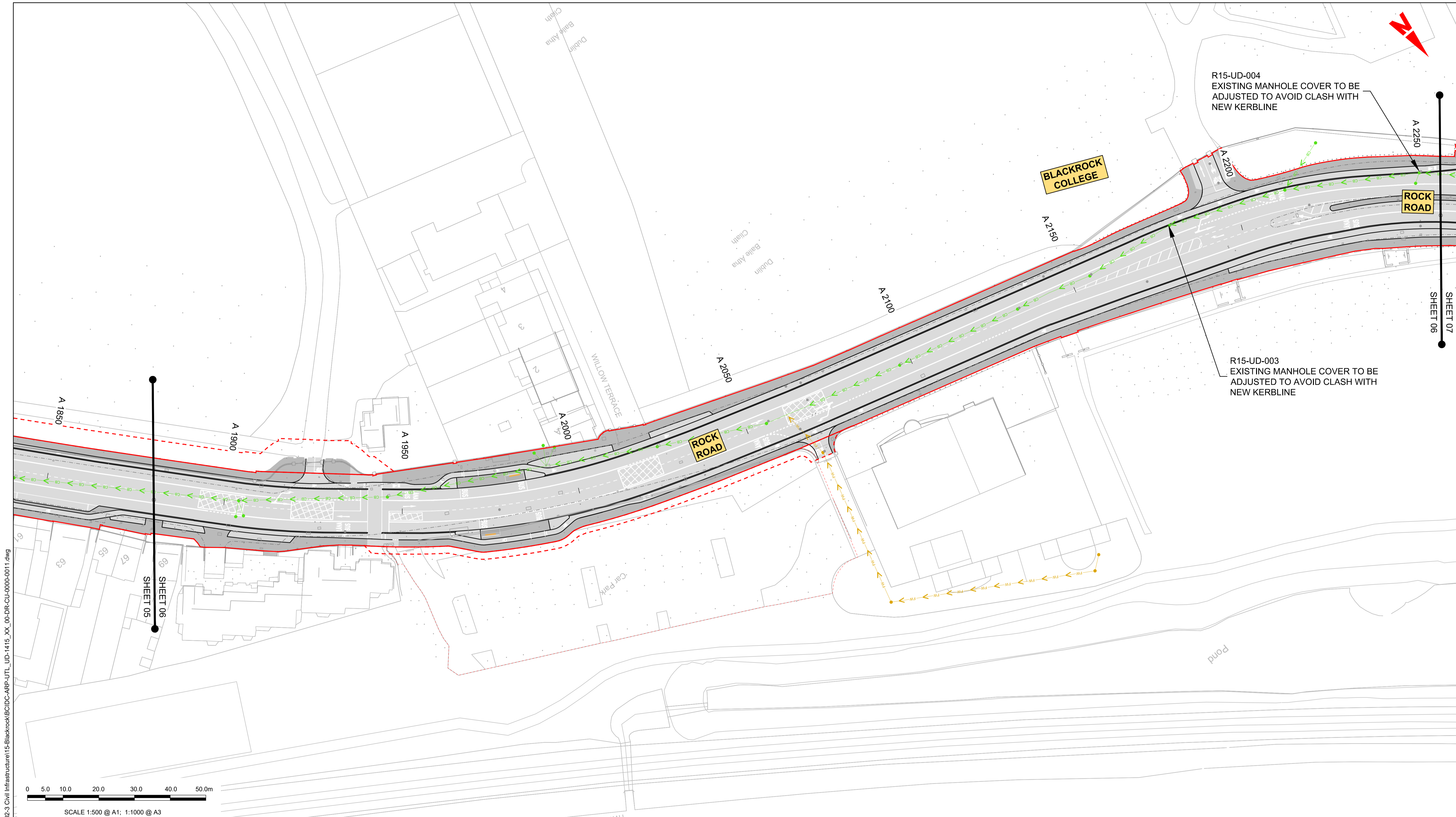
Engineering Designer

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 FOUL SEWER ASSET ALTERATIONS			
Drawing File Name BCIDC-ARP-UTL_UD-1415_XX_00-DR-CU-0005	Sheet Number 05 of 23	Status A	Rev M01

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LEGEND:	
	EXISTING KERB LINE
	PROPOSED KERB LINE
	EXISTING FOUL WATER DRAINAGE
	FOUL WATER DRAINAGE - PROPOSED DIVERSION
	EXISTING COMBINED DRAINAGE NETWORK
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**Project Ireland 2040**  
Building Ireland's Future

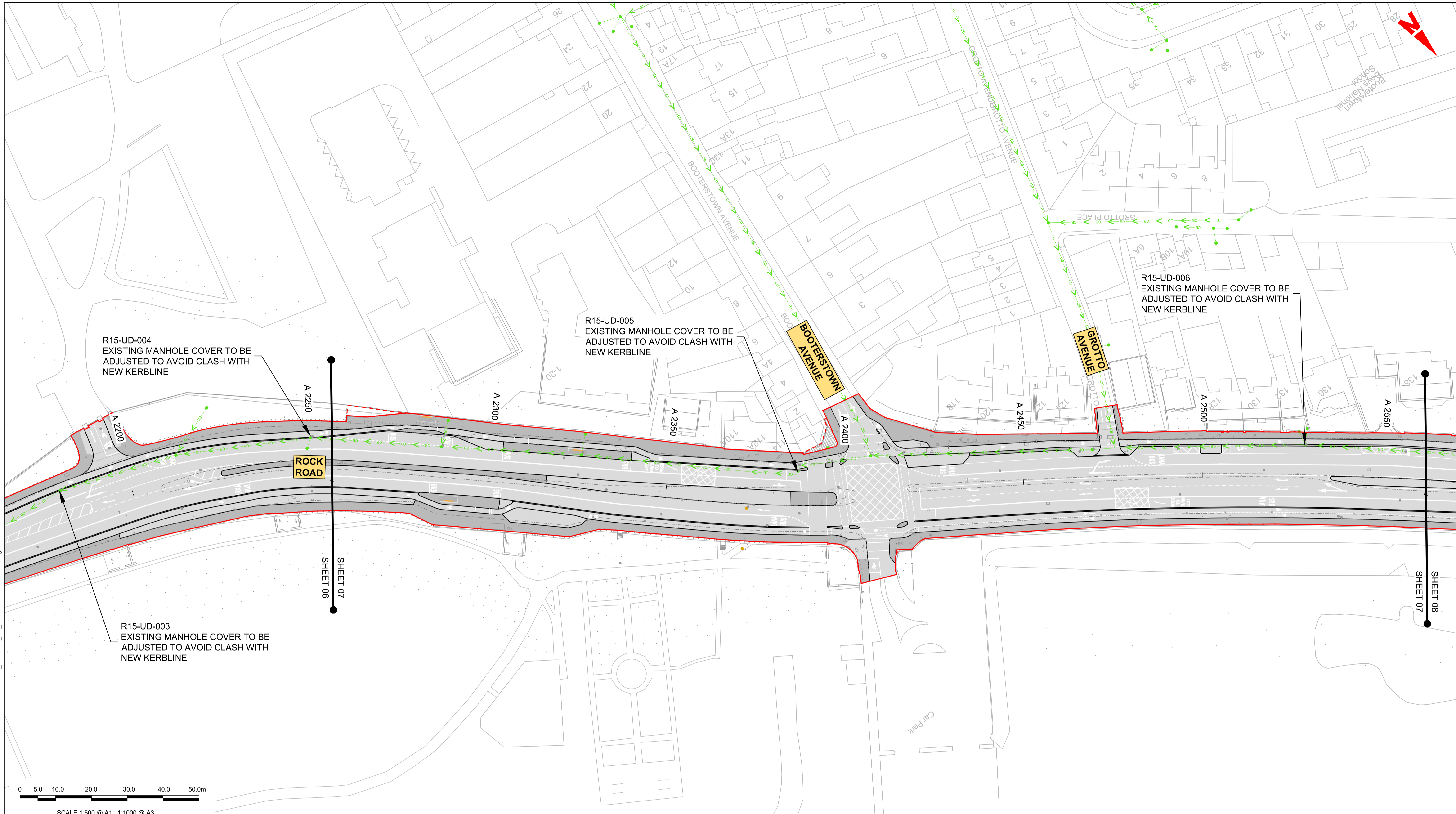
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Rev	Date	Drn	Chk'd	App'd	Description
M01	04/03/2022	AG	SW	NH	ISSUE FOR PHASE 4: PLANNING

<p>Údarás Náisiúnta Iompair National Transport Authority</p>				
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 FOUL SEWER ASSET ALTERATIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-UTL_UD-1415_XX_00-DR-CU-0006	06 of 23	A	M01

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R15-UD-004  
EXISTING MANHOLE COVER TO BE  
ADJUSTED TO AVOID CLASH WITH  
NEW KERBLINE

R15-UD-005  
EXISTING MANHOLE COVER TO BE  
ADJUSTED TO AVOID CLASH WITH  
NEW KERBLINE

R15-UD-006  
EXISTING MANHOLE COVER TO BE  
ADJUSTED TO AVOID CLASH WITH  
NEW KERBLINE

R15-UD-003  
EXISTING MANHOLE COVER TO BE  
ADJUSTED TO AVOID CLASH WITH  
NEW KERBLINE

ROCK ROAD

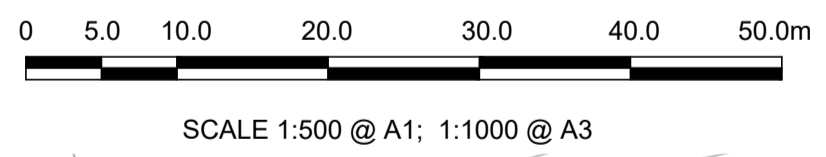
BOTERSTOWN AVENUE

O'GRADY AVENUE

SHEET 06

SHEET 07

SHEET 08



**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE
	EXISTING FOUL WATER DRAINAGE		FOUL WATER DRAINAGE - PROPOSED DIVERSION
	EXISTING COMBINED DRAINAGE NETWORK		COMBINED DRAINAGE NETWORK - PROPOSED DIVERSION
	TEMPORARY LAND ACQUISITION		SITE BOUNDARY LINE
	EXISTING NETWORK TO BE DECOMMISSIONED		

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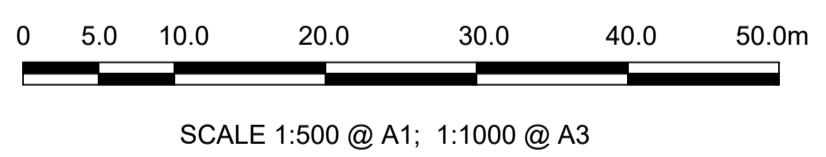
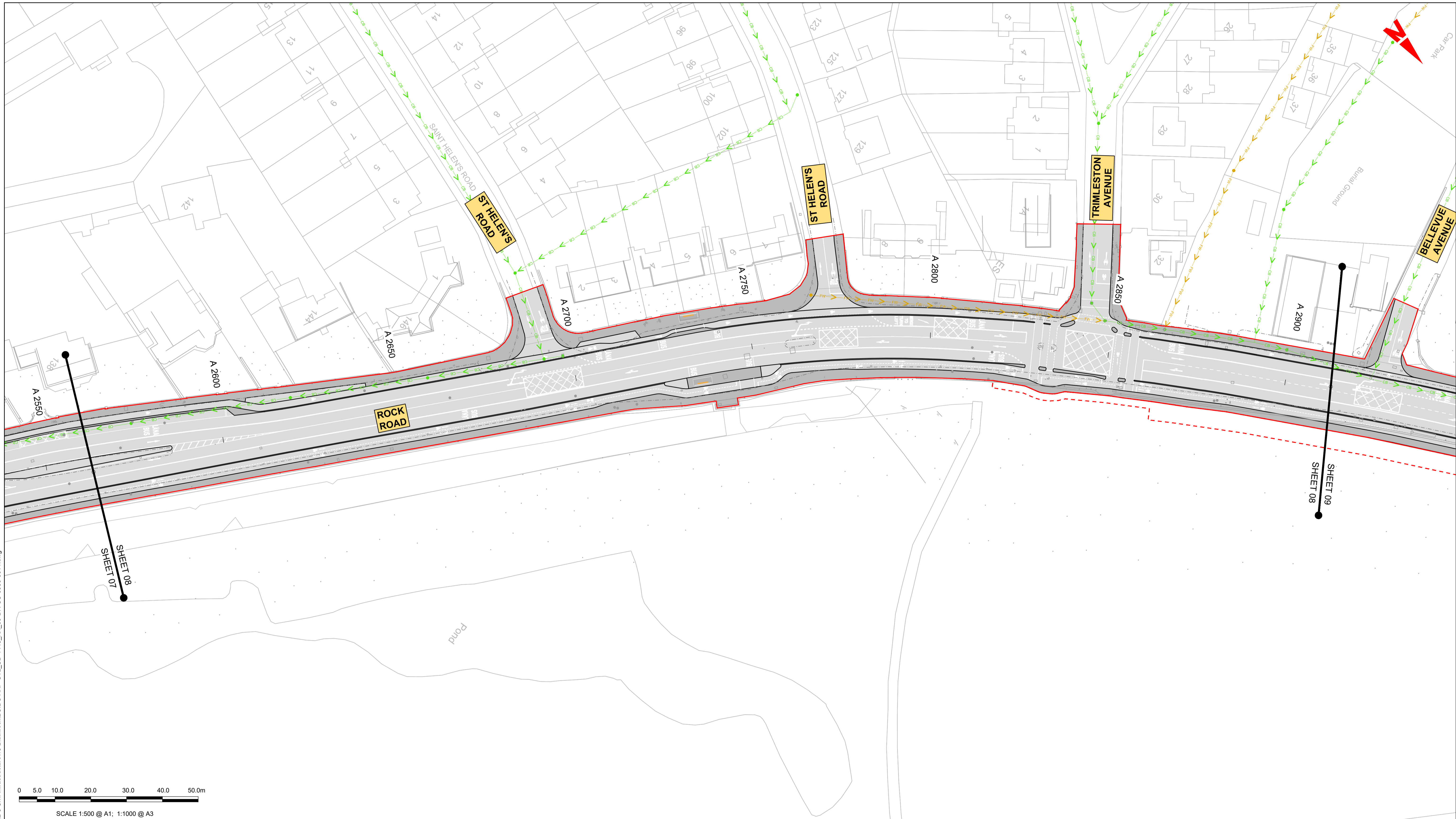
Rev	Date	Drn	Chk'd	App'd	Description
M01	04/03/2022	AG	SW	NH	ISSUE FOR PHASE 4: PLANNING

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 FOUL SEWER ASSET ALTERATIONS			
Drawing File Name BCIDC-ARP-UTL_UD-1415_XX_00-DR-CU-0007	Sheet Number 07 of 23	Status A	Rev M01

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**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE
	EXISTING FOUL WATER DRAINAGE		FOUL WATER DRAINAGE - PROPOSED DIVERSION
	EXISTING COMBINED DRAINAGE NETWORK		COMBINED DRAINAGE NETWORK - PROPOSED DIVERSION
	TEMPORARY LAND ACQUISITION		SITE BOUNDARY LINE
	EXISTING NETWORK TO BE DECOMMISSIONED		

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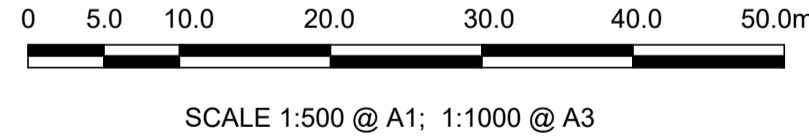
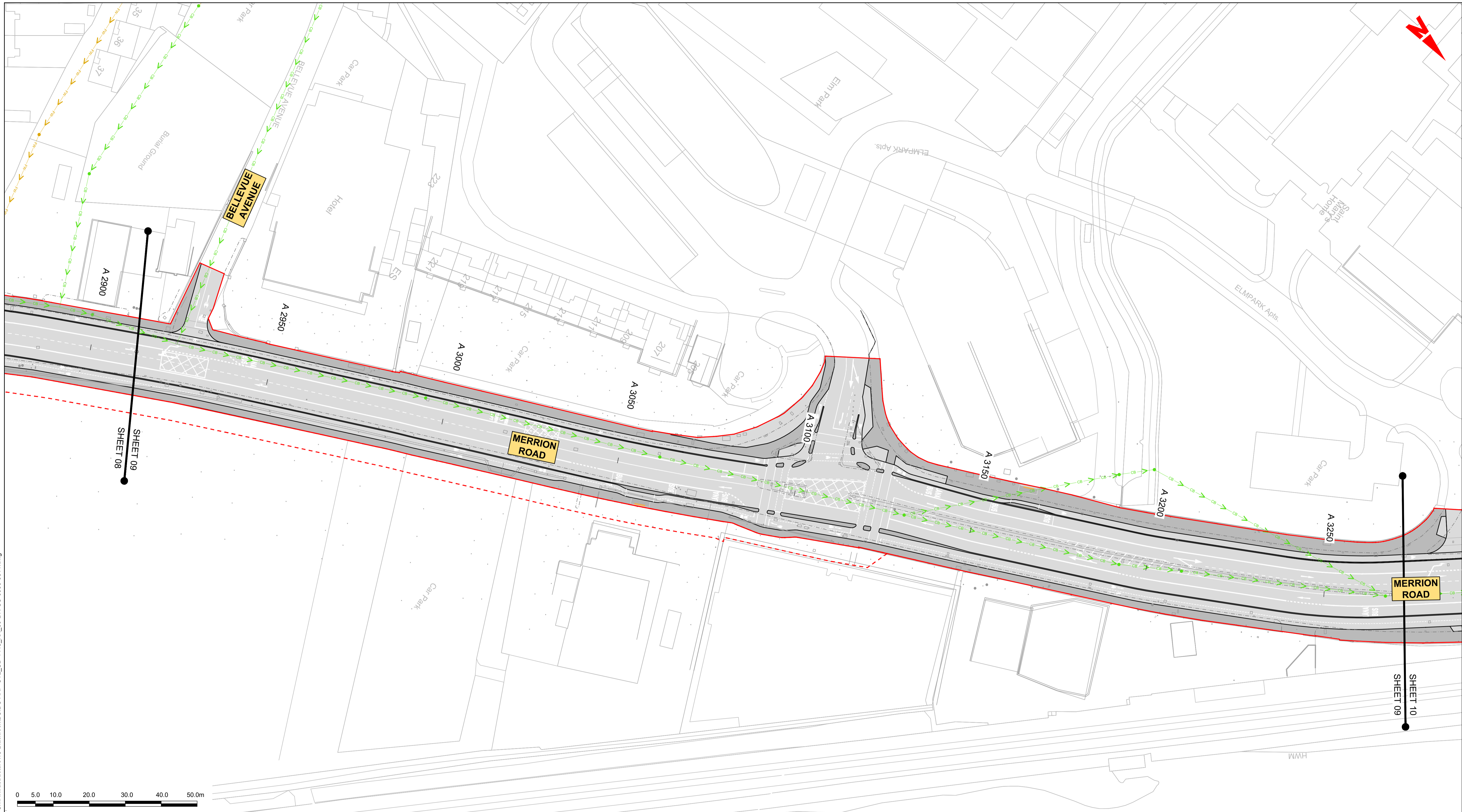
Rev	Date	Drn	Chk'd	App'd	Description
M01	04/03/2022	AG	SW	NH	ISSUE FOR PHASE 4: PLANNING

 Date: 04/03/2022 Project Code: BCIDC		 Engineering Designer Drawn: AG Checked: SW Approved: NH	
Scale: 1:500 @ A1 1:1000 @ A3	Originator Code: ARP	QMS Code: 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 FOUL SEWER ASSET ALTERATIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-UTL_UD-1415_XX_00-DR-CU-0008	08 of 23	A	M01

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LEGEND:	
	EXISTING KERB LINE
	EXISTING FOUL WATER DRAINAGE
	EXISTING COMBINED DRAINAGE NETWORK
	TEMPORARY LAND ACQUISITION
	PROPOSED KERB LINE
	FOUL WATER DRAINAGE - PROPOSED DIVERSION
	COMBINED DRAINAGE NETWORK - PROPOSED DIVERSION
	SITE BOUNDARY LINE
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M01	04/03/2022	AG	SW	NH	ISSUE FOR PHASE 4: PLANNING

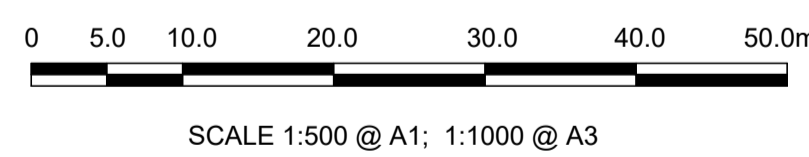
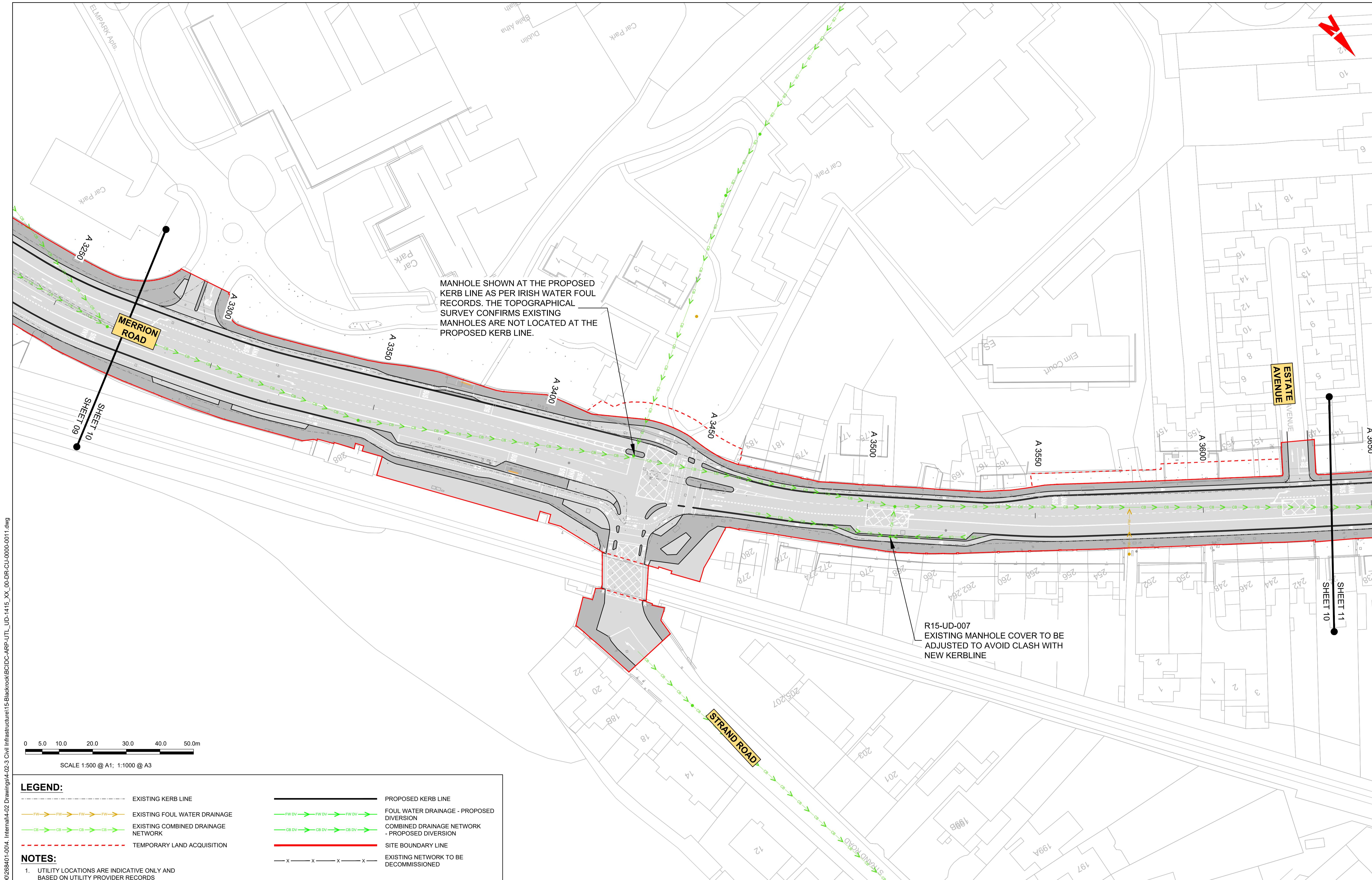
Client  
  
 Údarás Náisiúnta Iompair  
 National Transport Authority

Engineering Designer

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW FOUL SEWER ASSET ALTERATIONS			
Date 04/03/2022	Scale 1:500 @ A1 1:1000 @ A3	Drawn AG	Checked SW
Project Code BCIDC	Originator Code ARP	QMS Code 268401-00	Approved NH
Drawing File Name BCIDC-ARP-UTL_UD-1415_XX_00-DR-CU-0009	Sheet Number 09 of 23	Status A	Rev M01

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**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE
	EXISTING FOUL WATER DRAINAGE		FOUL WATER DRAINAGE - PROPOSED DIVERSION
	EXISTING COMBINED DRAINAGE NETWORK		COMBINED DRAINAGE NETWORK - PROPOSED DIVERSION
	TEMPORARY LAND ACQUISITION		SITE BOUNDARY LINE
	EXISTING NETWORK TO BE DECOMMISSIONED		

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

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

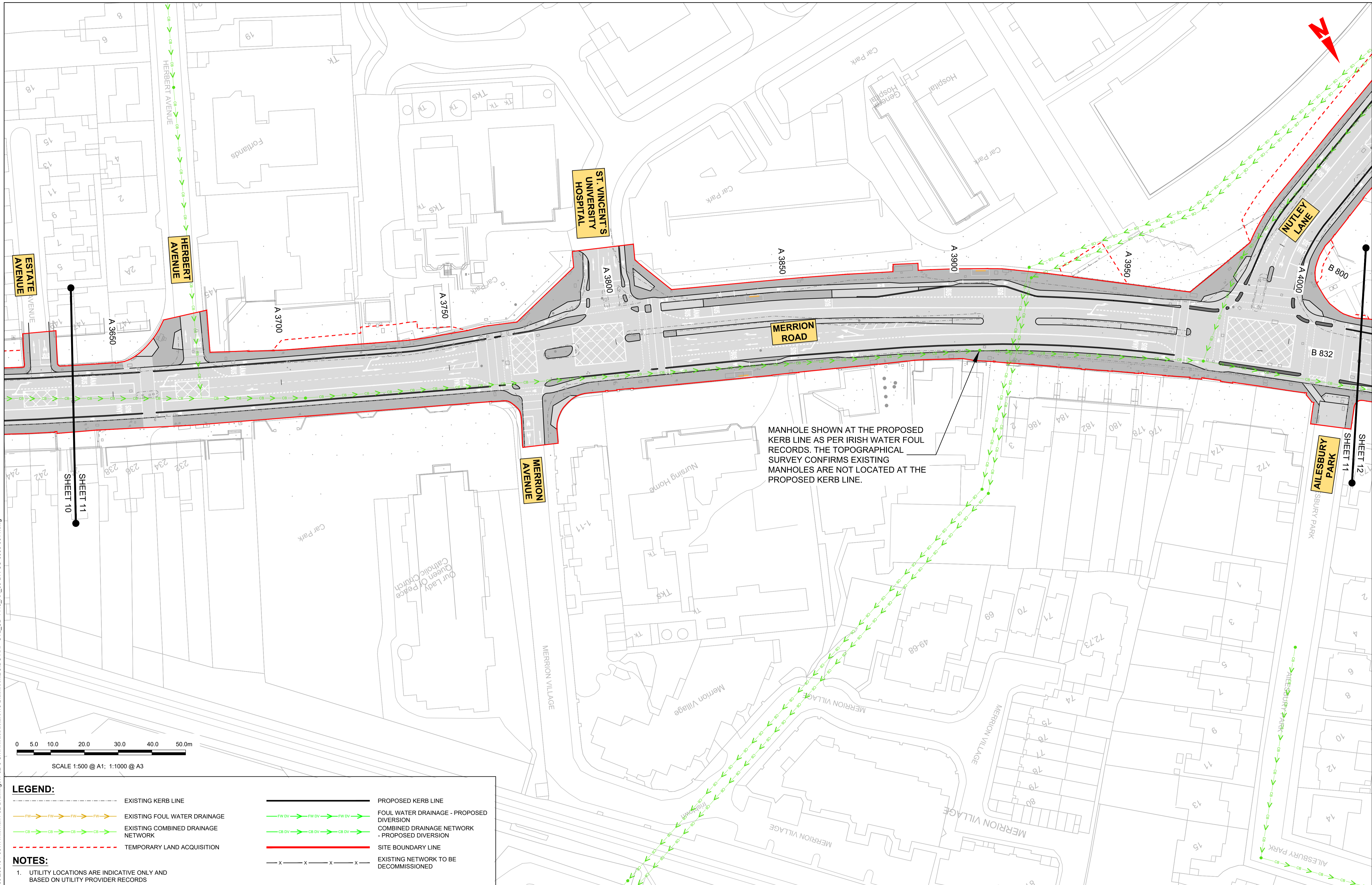
Engineering Designer: **ARUP**

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

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**LEGEND:**

- EXISTING KERB LINE
- PROPOSED KERB LINE
- EXISTING FOUL WATER DRAINAGE
- FOUL WATER DRAINAGE - PROPOSED DIVERSION
- EXISTING COMBINED DRAINAGE NETWORK
- COMBINED DRAINAGE NETWORK - PROPOSED DIVERSION
- TEMPORARY LAND ACQUISITION
- SITE BOUNDARY LINE
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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**

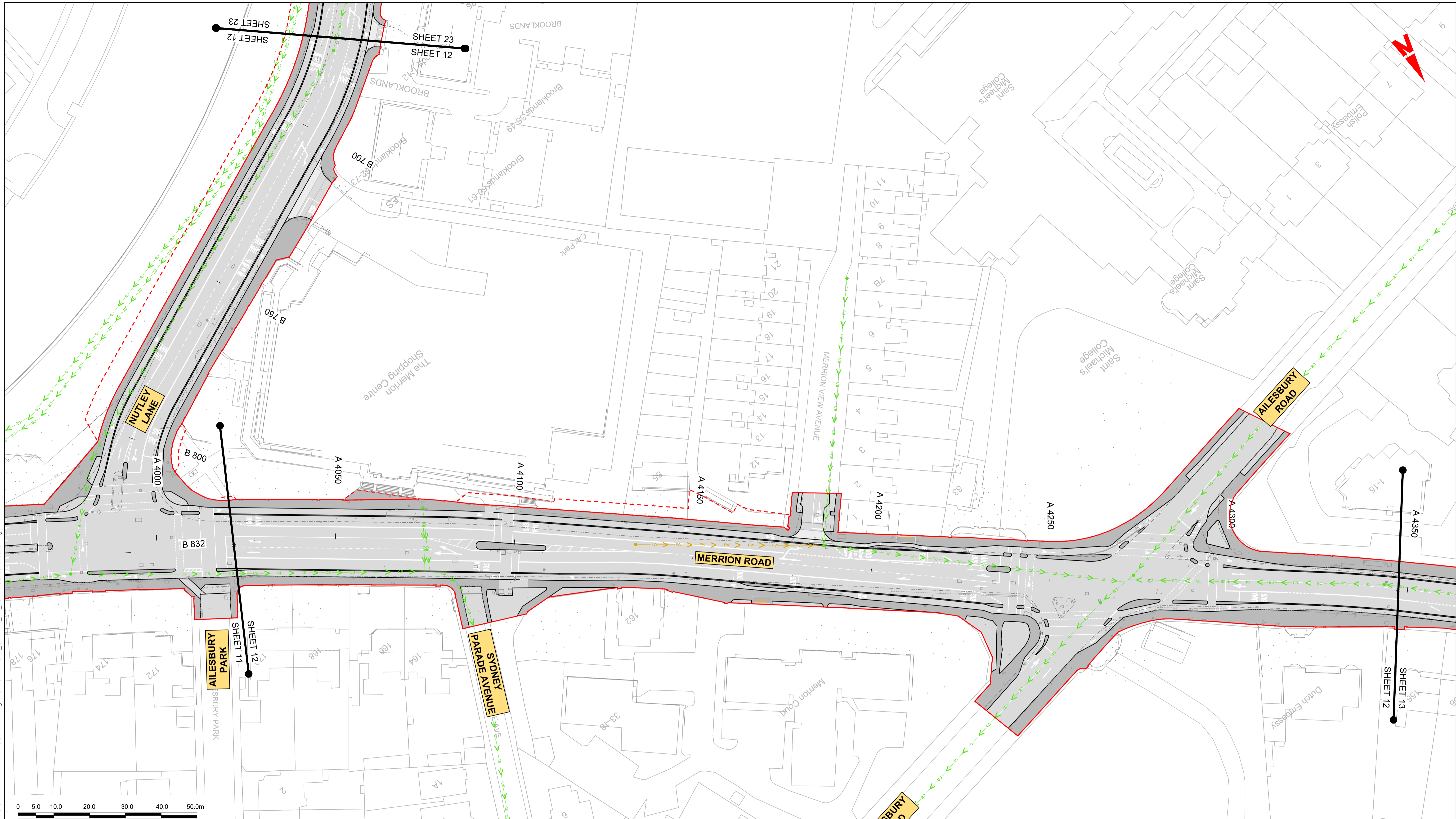
Drawn: AG Checked: SW Approved: NH

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

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW FOUL SEWER ASSET ALTERATIONS			
Drawing File Name: BCIDC-ARP-UTL_UD-1415_XX_00-DR-CU-0011	Sheet Number: 11 of 23	Status: A	Rev: M01

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**LEGEND:**

- EXISTING KERB LINE
- TEMPORARY LAND ACQUISITION
- EXISTING FOUL WATER DRAINAGE
- EXISTING COMBINED DRAINAGE NETWORK
- FOUL WATER DRAINAGE - PROPOSED DIVERSION
- COMBINED DRAINAGE NETWORK - PROPOSED DIVERSION
- SITE BOUNDARY LINE
- EXISTING NETWORK TO BE DECOMMISSIONED
- PROPOSED KERB LINE

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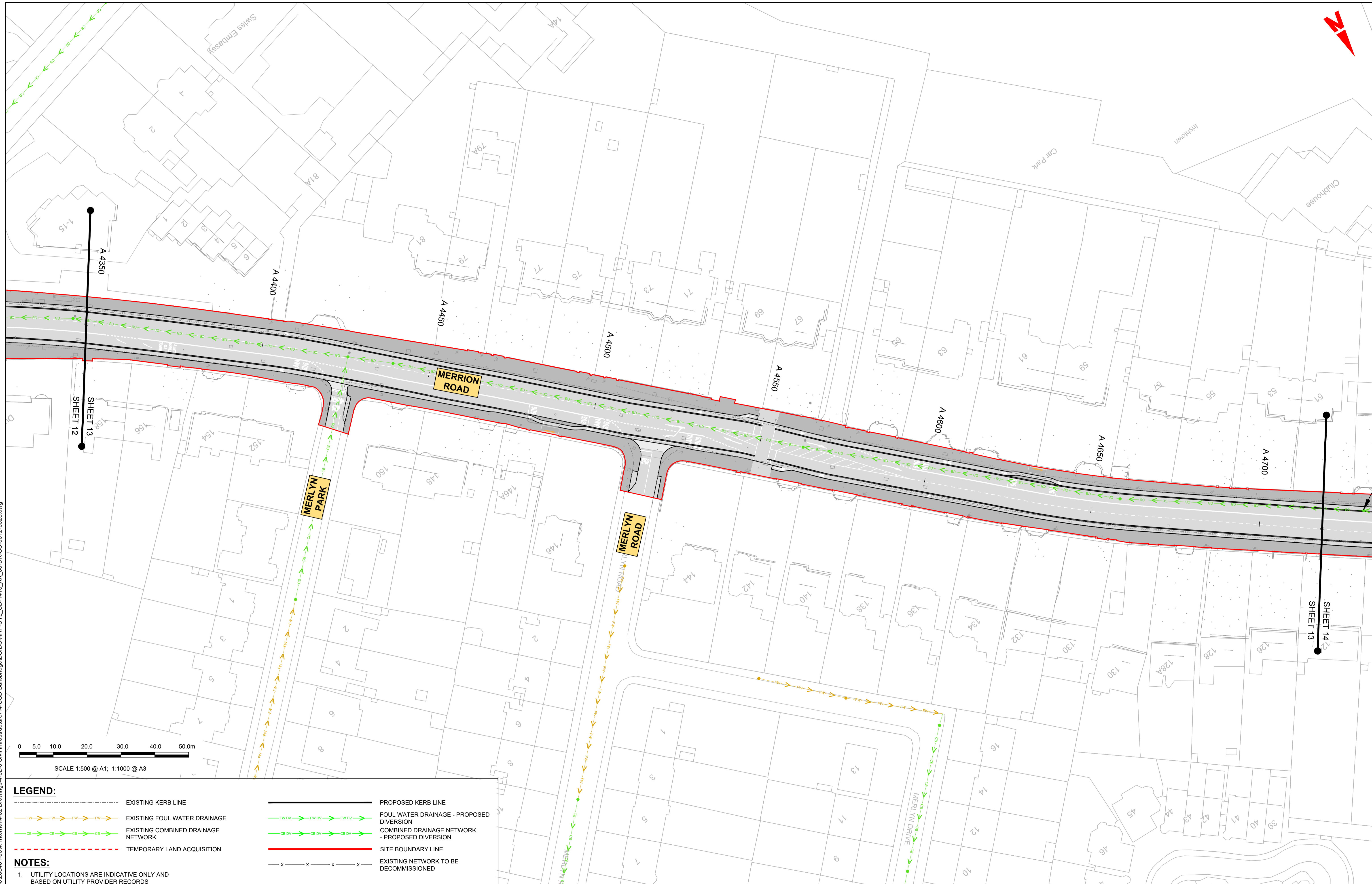
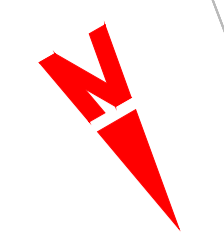
Engineering Designer  
**ARUP**

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

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title BELFIELD / BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW FOUL SEWER ASSET ALTERATIONS			
Drawing File Name BCIDC-ARP-UTL_UD-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
- EXISTING FOUL WATER DRAINAGE
- FOUL WATER DRAINAGE - PROPOSED DIVERSION
- EXISTING COMBINED DRAINAGE NETWORK
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Rev	Date	Drn	Chk'd	App'd	Description
M01	04/03/2022	AG	SW	BB	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: BB

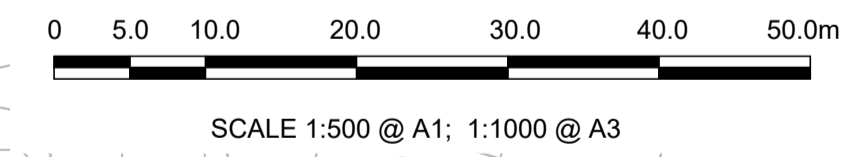
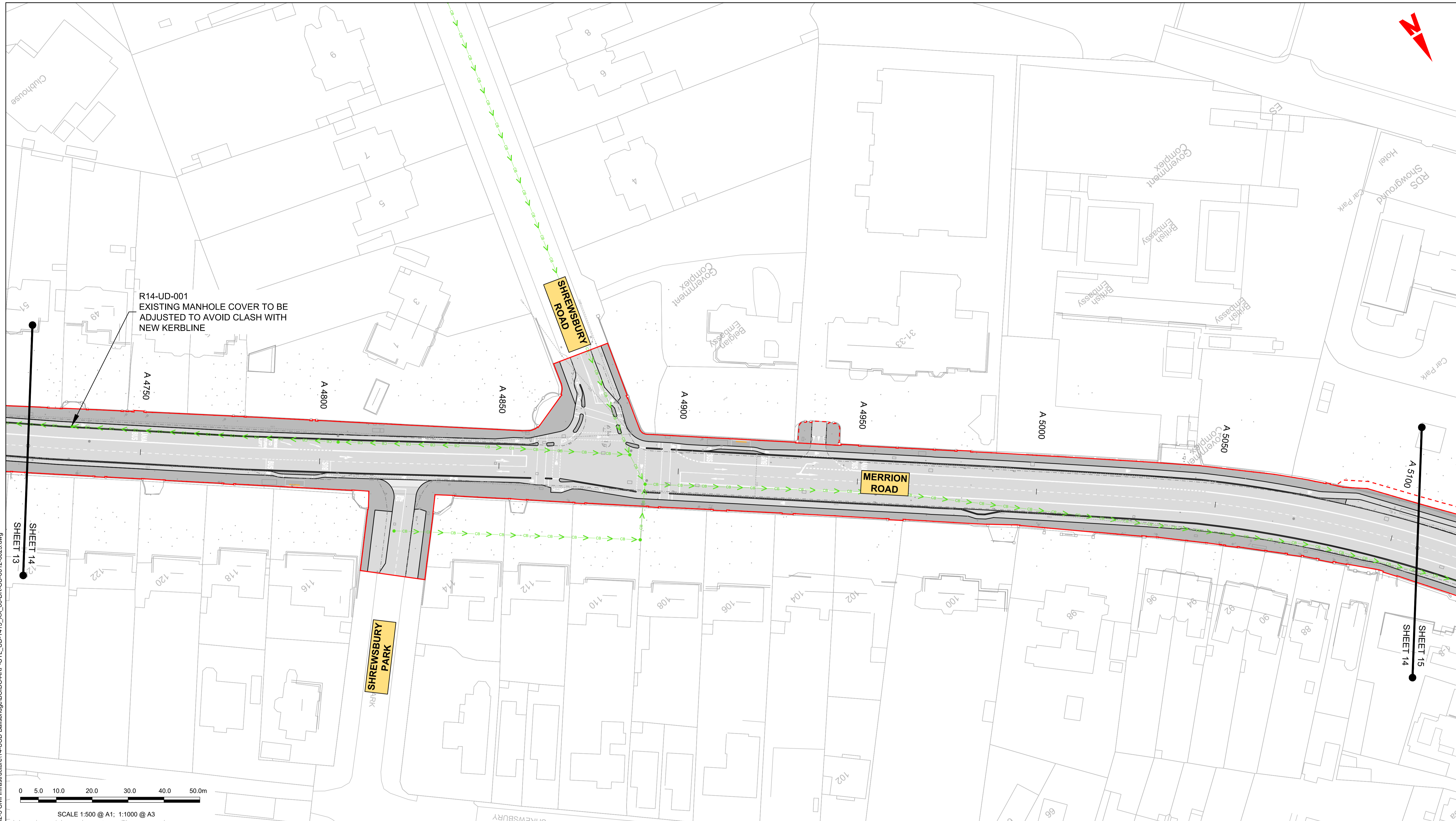
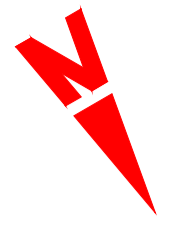
Project Code: BCIDC  
 Originator Code: ARP  
 QMS Code: 268401-00

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

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**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE
	EXISTING FOUL WATER DRAINAGE		FOUL WATER DRAINAGE - PROPOSED DIVERSION
	EXISTING COMBINED DRAINAGE NETWORK		COMBINED DRAINAGE NETWORK - PROPOSED DIVERSION
	TEMPORARY LAND ACQUISITION		EXISTING NETWORK TO BE DECOMMISSIONED

**NOTES:**

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

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

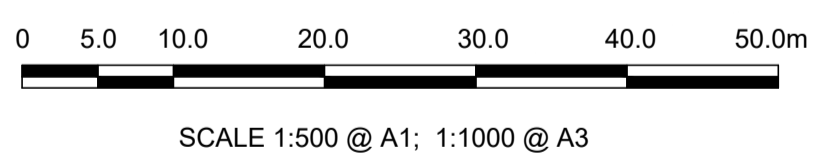
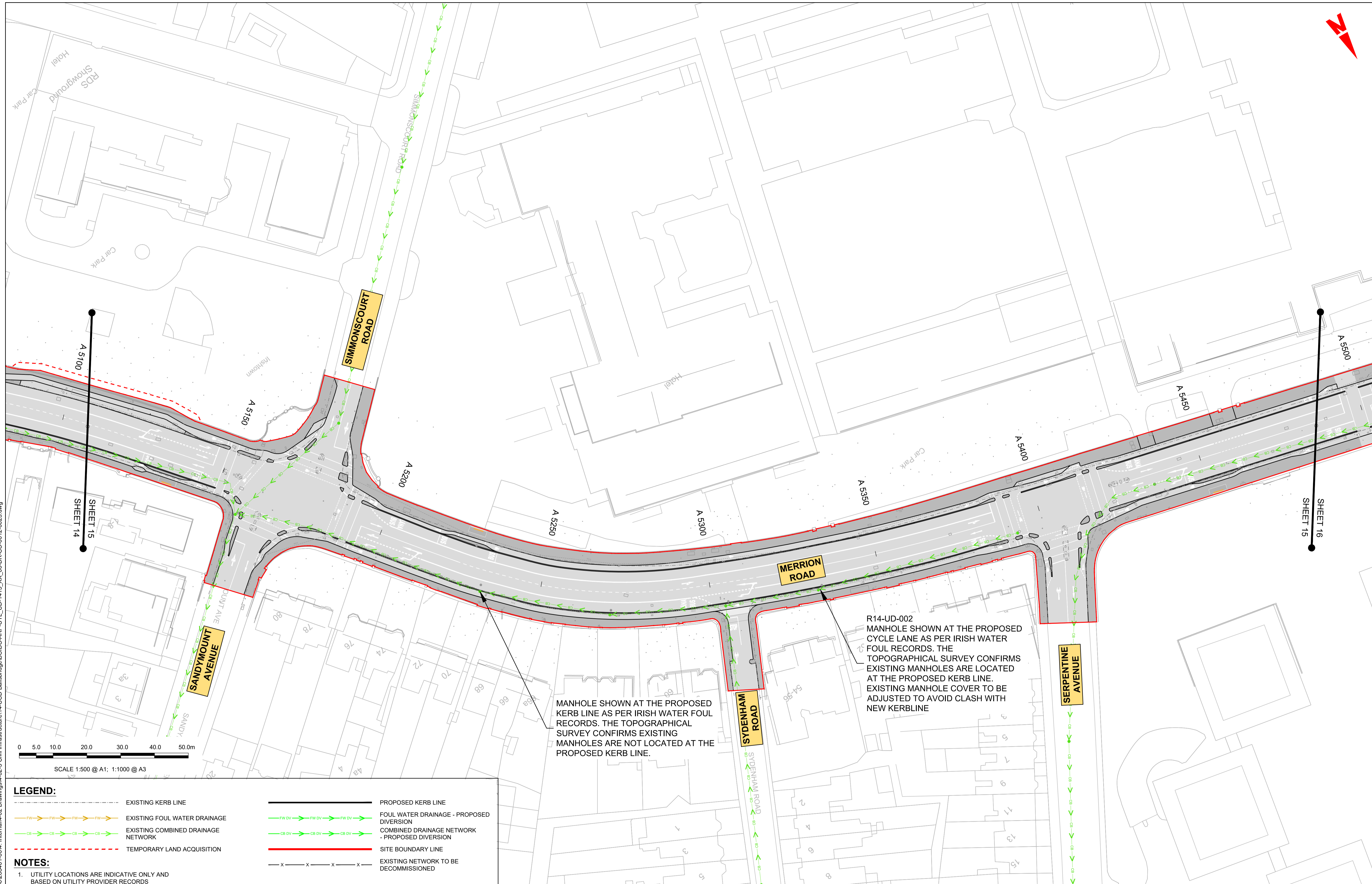
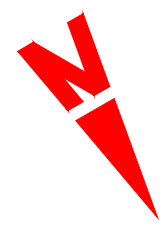
Client  
**NTA**  
 Údarás Náisiúnta Iompair  
 National Transport Authority

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 FOUL SEWER ASSET ALTERATIONS			
Date 04/03/2022	Scale 1:500 @ A1 1:1000 @ A3	Drawn AG	Checked SW
Project Code BCIDC	Originator Code ARP	QMS Code 268401-00	Approved BB
Drawing File Name BCIDC-ARP-UTL_UD-1415_XX_00-DR-CU-0014	Sheet Number 14 of 23	Status A	Rev M01

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**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE
	EXISTING FOUL WATER DRAINAGE		FOUL WATER DRAINAGE - PROPOSED DIVERSION
	EXISTING COMBINED DRAINAGE NETWORK		COMBINED DRAINAGE NETWORK - PROPOSED DIVERSION
	TEMPORARY LAND ACQUISITION		EXISTING NETWORK TO BE DECOMMISSIONED

**NOTES:**

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MANHOLE SHOWN AT THE PROPOSED KERB LINE AS PER IRISH WATER FOUL RECORDS. THE TOPOGRAPHICAL SURVEY CONFIRMS EXISTING MANHOLES ARE NOT LOCATED AT THE PROPOSED KERB LINE.

R14-UD-002 MANHOLE SHOWN AT THE PROPOSED CYCLE LANE AS PER IRISH WATER FOUL RECORDS. THE TOPOGRAPHICAL SURVEY CONFIRMS EXISTING MANHOLES ARE LOCATED AT THE PROPOSED KERB LINE. EXISTING MANHOLE COVER TO BE ADJUSTED TO AVOID CLASH WITH NEW KERBLINE

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

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 FOUL SEWER ASSET ALTERATIONS		
Date	Scale	Drawn	Checked	Approved
04/03/2022	1:500 @ A1 1:1000 @ A3	AG	SW	BB
Project Code	Originator Code	QMS Code	268401-00	
BCIDC	ARP			
Drawing File Name	Sheet Number	Status	Rev	
BCIDC-ARP-UTL_UD-1415_XX_00-DR-CU-0015	15 of 23	A	M01	

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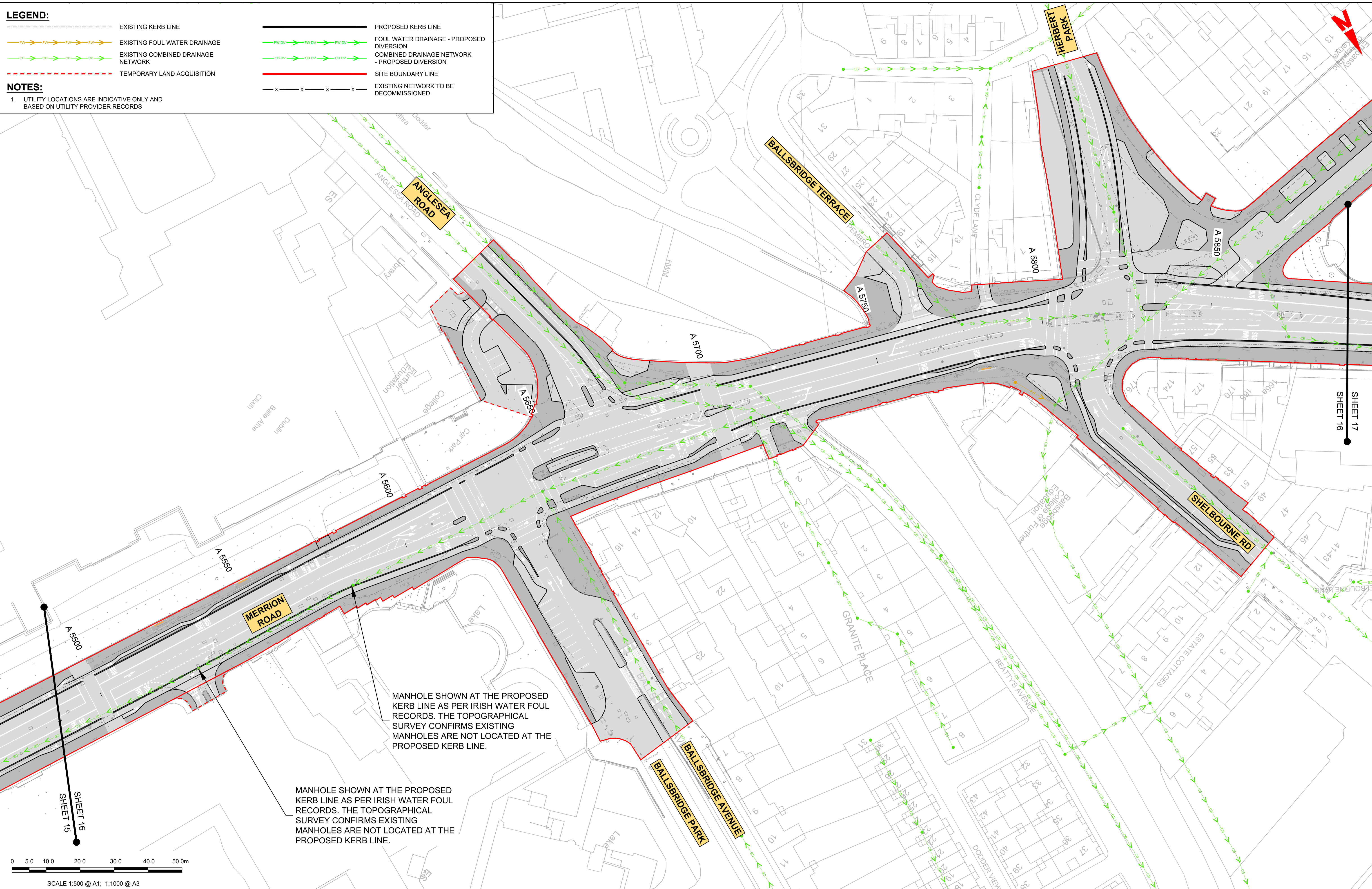
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**LEGEND:**

- EXISTING KERB LINE
- EXISTING FOUL WATER DRAINAGE
- EXISTING COMBINED DRAINAGE NETWORK
- - - TEMPORARY LAND ACQUISITION
- PROPOSED KERB LINE
- FOUL WATER DRAINAGE - PROPOSED DIVERSION
- COMBINED DRAINAGE NETWORK - PROPOSED DIVERSION
- SITE BOUNDARY LINE
- x - x - x - x - EXISTING NETWORK TO BE DECOMMISSIONED

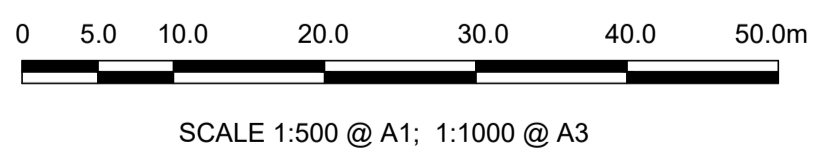
**NOTES:**

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



MANHOLE SHOWN AT THE PROPOSED KERB LINE AS PER IRISH WATER FOUL RECORDS. THE TOPOGRAPHICAL SURVEY CONFIRMS EXISTING MANHOLES ARE NOT LOCATED AT THE PROPOSED KERB LINE.

MANHOLE SHOWN AT THE PROPOSED KERB LINE AS PER IRISH WATER FOUL RECORDS. THE TOPOGRAPHICAL SURVEY CONFIRMS EXISTING MANHOLES ARE NOT LOCATED AT THE PROPOSED KERB LINE.



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Rev	Date	Drn	Chk'd	App'd	Description
M01	04/03/2022	AG	SW	BB	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

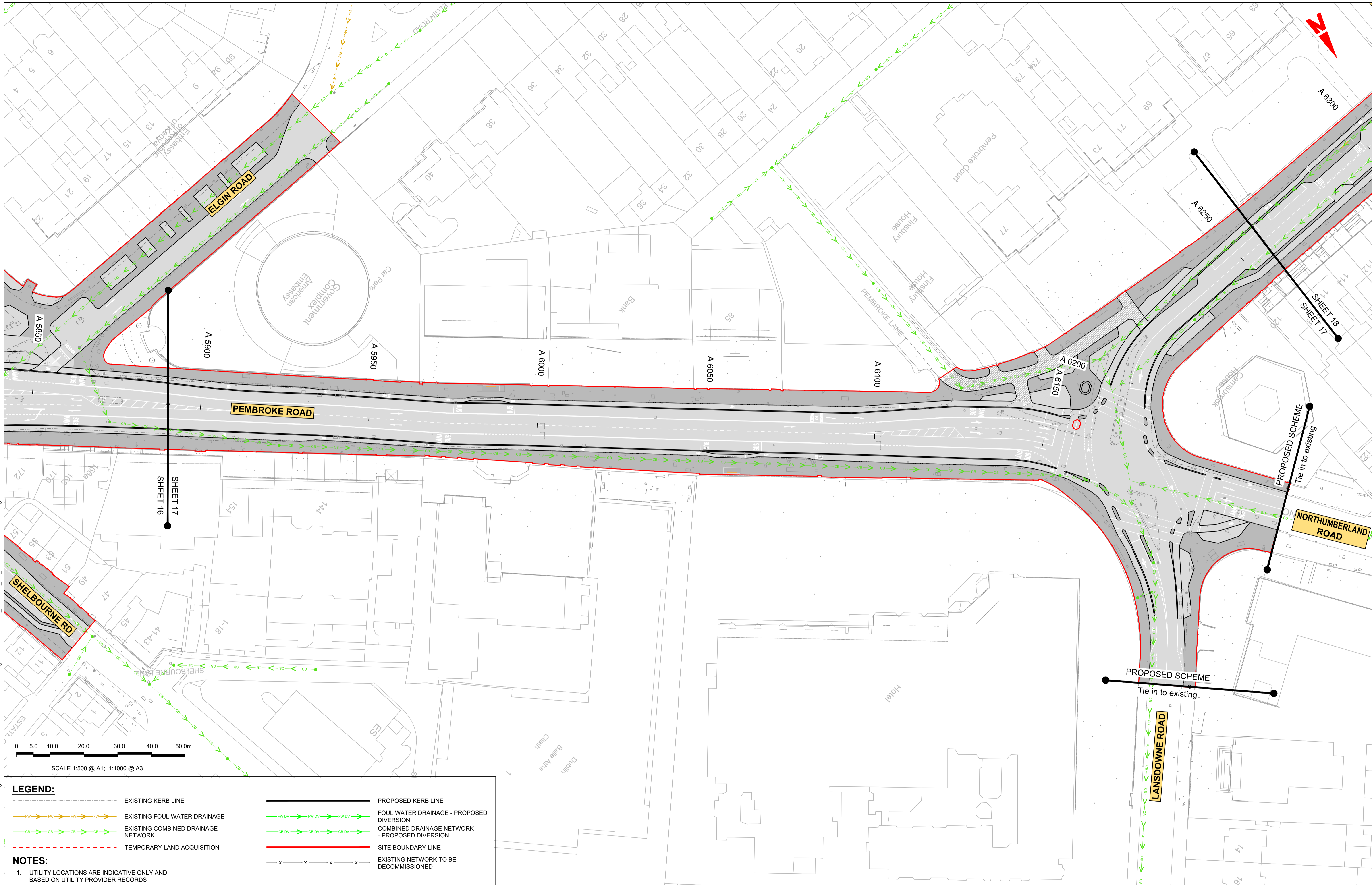
Drawn: AG  
Checked: SW  
Approved: BB

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 FOUL SEWER ASSET ALTERATIONS			
Drawing File Name: BCIDC-ARP-UTL_UD-1415_XX_00-DR-CU-0016	Sheet Number: 16 of 23	Status: A	Rev: M01

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**LEGEND:**

- EXISTING KERB LINE
- PROPOSED KERB LINE
- EXISTING FOUL WATER DRAINAGE
- FOUL WATER DRAINAGE - PROPOSED DIVERSION
- EXISTING COMBINED DRAINAGE NETWORK
- COMBINED DRAINAGE NETWORK - PROPOSED DIVERSION
- TEMPORARY LAND ACQUISITION
- SITE BOUNDARY LINE
- EXISTING NETWORK TO BE DECOMMISSIONED

**NOTES:**

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**Project Ireland 2040**  
Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
M01	04/03/2022	AG	SW	BB	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: BB

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

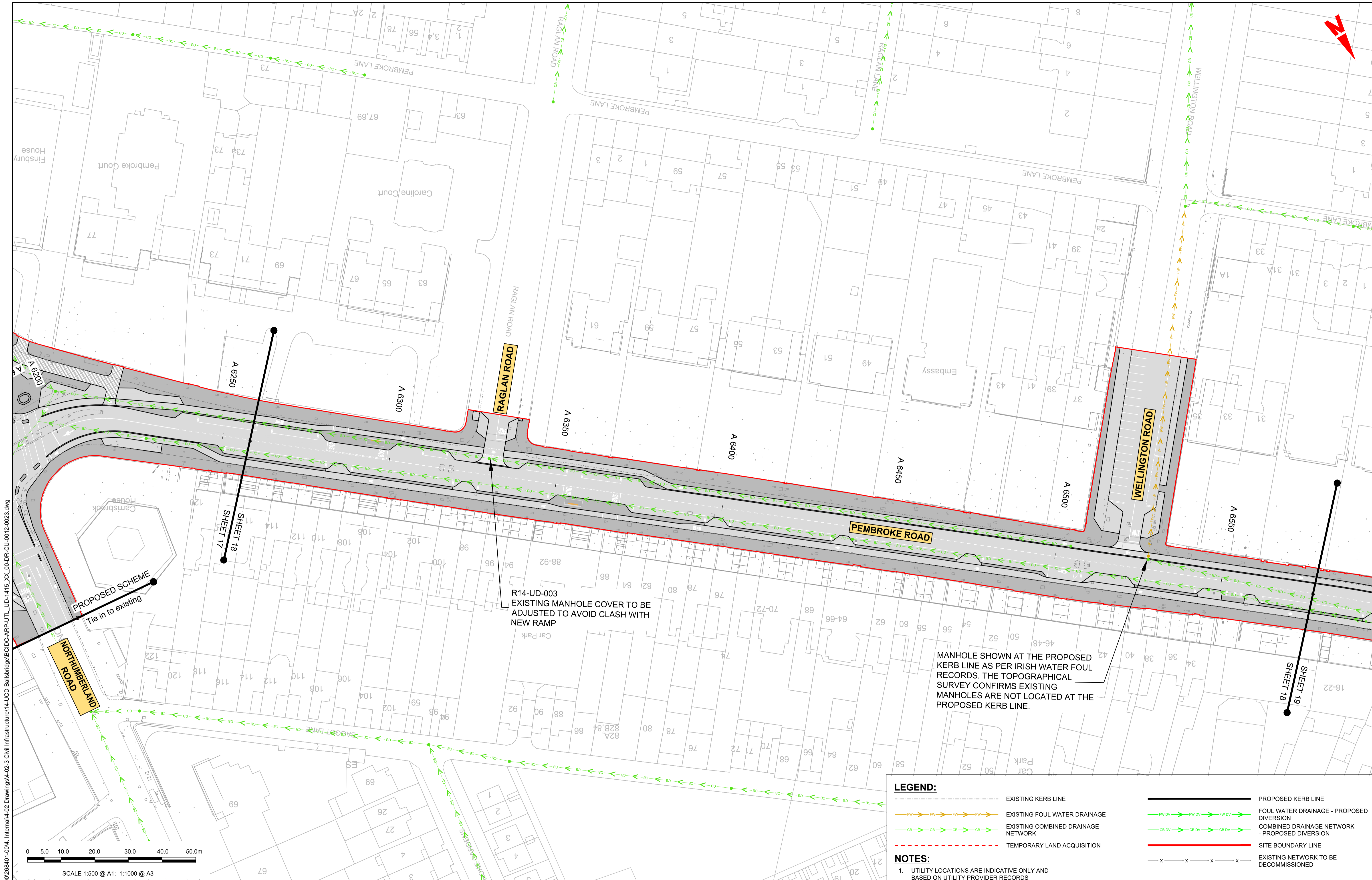
Programme Title: **BUSCONNECTS DUBLIN  
CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

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

Drawing File Name: BCIDC-ARP-UTL\_UD-1415\_XX\_00-DR-CU-0017  
Sheet Number: 17 of 23  
Status: A  
Rev: M01

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**LEGEND:**

- EXISTING KERB LINE
- EXISTING FOUL WATER DRAINAGE
- EXISTING COMBINED DRAINAGE NETWORK
- TEMPORARY LAND ACQUISITION
- PROPOSED KERB LINE
- FOUL WATER DRAINAGE - PROPOSED DIVERSION
- COMBINED DRAINAGE NETWORK - PROPOSED DIVERSION
- SITE BOUNDARY LINE
- EXISTING NETWORK TO BE DECOMMISSIONED

**NOTES:**

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Rev	Date	Drn	Chk'd	App'd	Description
M01	04/03/2022	AG	SW	BB	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: BB

Project Code: BCIDC | Originator Code: ARP | QMS Code: 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 FOUL SEWER ASSET ALTERATIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDC-ARP-UTL_UD-1415_XX_00-DR-CU-0018	18 of 23	A	M01

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**LEGEND:**

- EXISTING KERB LINE
- PROPOSED KERB LINE
- EXISTING FOUL WATER DRAINAGE
- FOUL WATER DRAINAGE - PROPOSED DIVERSION
- EXISTING COMBINED DRAINAGE NETWORK
- COMBINED DRAINAGE NETWORK - PROPOSED DIVERSION
- TEMPORARY LAND ACQUISITION
- SITE BOUNDARY LINE
- EXISTING NETWORK TO BE DECOMMISSIONED

**NOTES:**

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Rev	Date	Drn	Chk'd	App'd	Description
M01	04/03/2022	AG	SW	BB	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

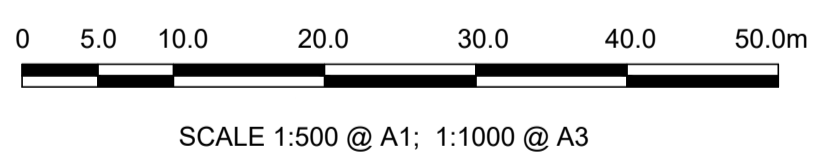
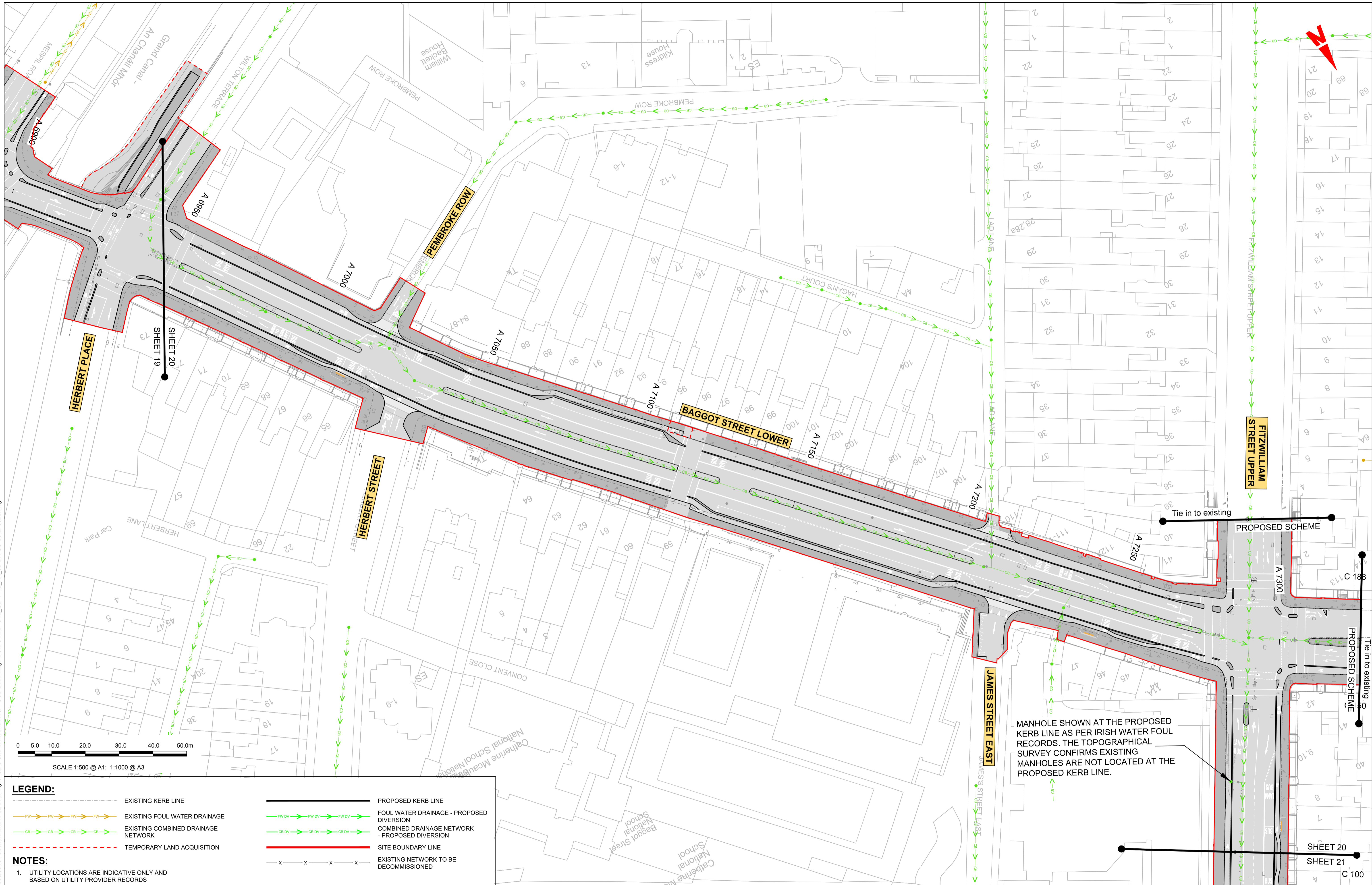
**ARUP**

Drawn: AG  
Checked: SW  
Approved: BB

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 FOUL SEWER ASSET ALTERATIONS			
Drawing File Name	Sheet Number	Status	Rev				
BCIDC-ARP-UTL_UD-1415_XX_00-DR-CU-0019	19 of 23	A	M01				

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LEGEND:	
	EXISTING KERB LINE
	EXISTING FOUL WATER DRAINAGE
	EXISTING COMBINED DRAINAGE NETWORK
	TEMPORARY LAND ACQUISITION
	PROPOSED KERB LINE
	FOUL WATER DRAINAGE - PROPOSED DIVERSION
	COMBINED DRAINAGE NETWORK - PROPOSED DIVERSION
	SITE BOUNDARY LINE
	EXISTING NETWORK TO BE DECOMMISSIONED

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MANHOLE SHOWN AT THE PROPOSED KERB LINE AS PER IRISH WATER FOUL RECORDS. THE TOPOGRAPHICAL SURVEY CONFIRMS EXISTING MANHOLES ARE NOT LOCATED AT THE PROPOSED KERB LINE.

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Rev	Date	Drn	Chk'd	App'd	Description
M01	04/03/2022	AG	SW	BB	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**

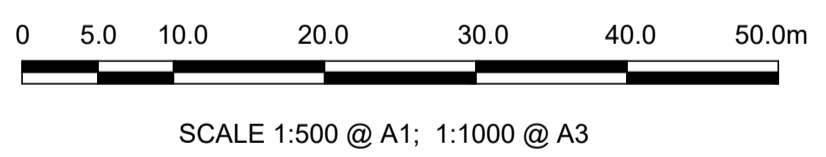
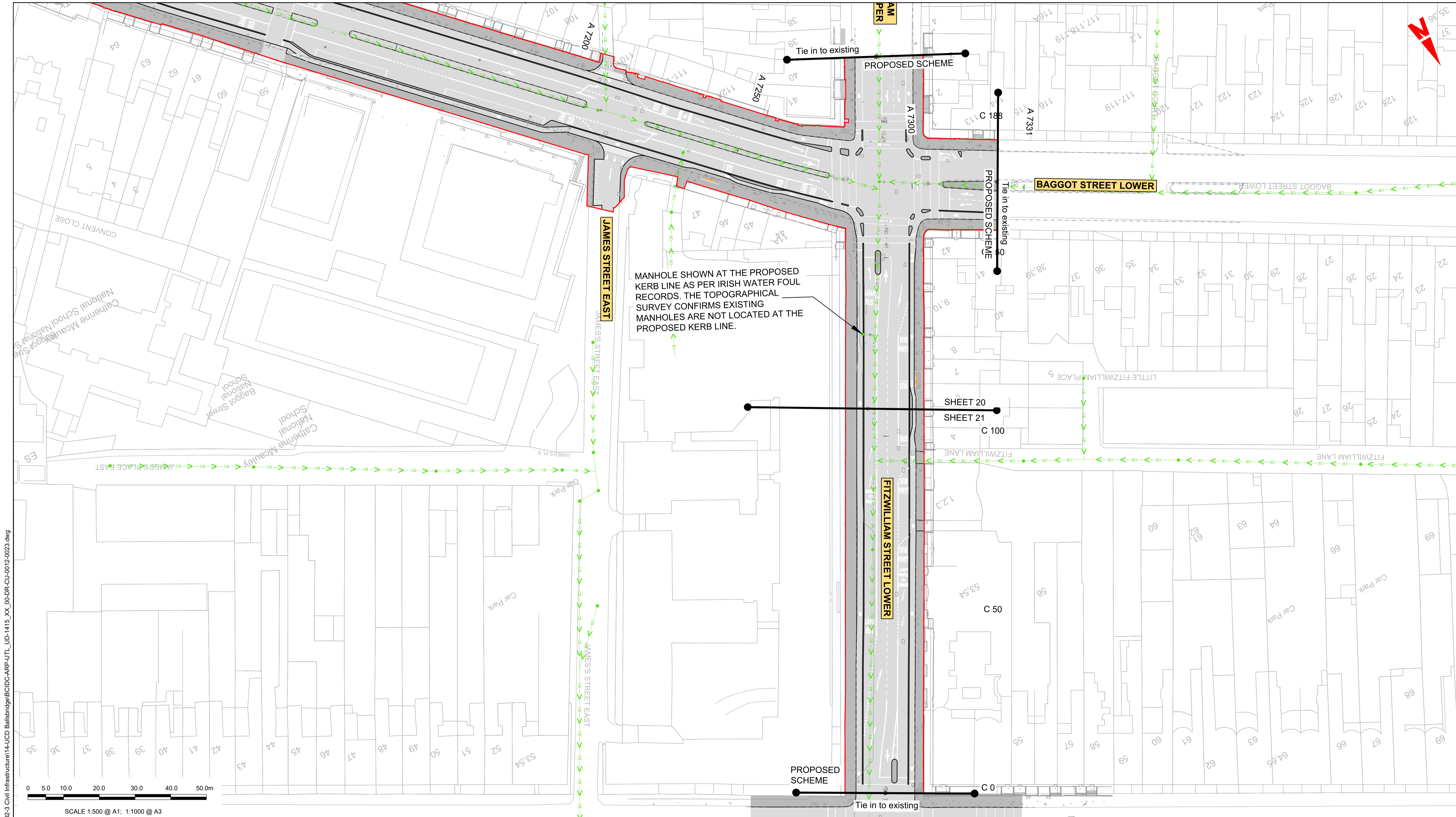
Drawn: AG  
 Checked: SW  
 Approved: BB

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 FOUL SEWER ASSET ALTERATIONS			
Drawing File Name			
BCIDC-ARP-UTL_UD-1415_XX_00-DR-CU-0020			
Sheet Number	Status	Rev	
20 of 23	A	M01	

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**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE
	EXISTING FOUL WATER DRAINAGE		FOUL WATER DRAINAGE - PROPOSED DIVERSION
	EXISTING COMBINED DRAINAGE NETWORK		COMBINED DRAINAGE NETWORK - PROPOSED DIVERSION
	TEMPORARY LAND ACQUISITION		SITE BOUNDARY LINE
	EXISTING NETWORK TO BE DECOMMISSIONED		

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Engineering Designer: **ARUP**

Date	Scale	Drawn	Checked	Approved
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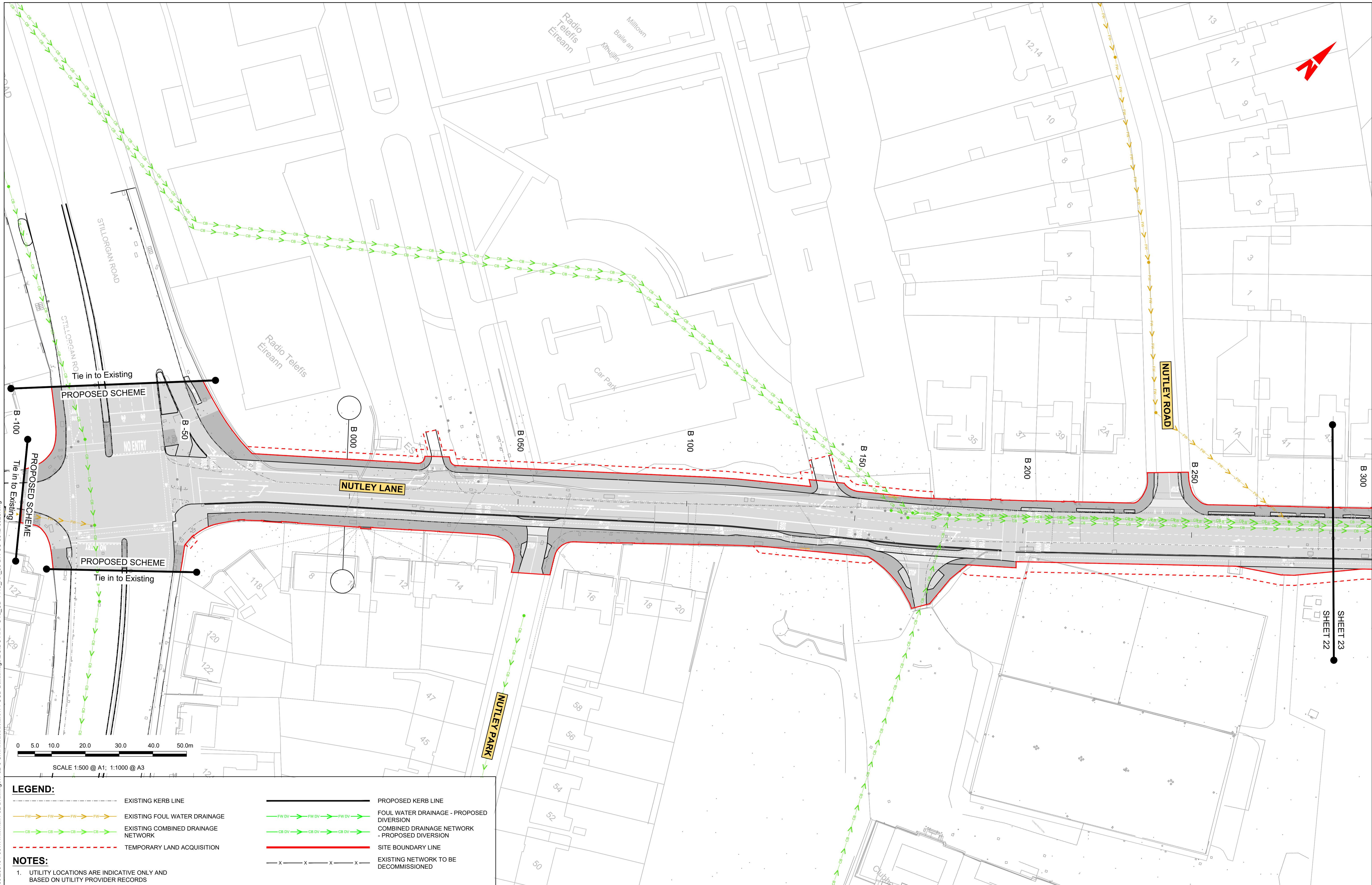
Project Code: BCIDC | Originator Code: ARP | QMS Code: 268401-00

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

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**LEGEND:**

- EXISTING KERB LINE
- EXISTING FOUL WATER DRAINAGE
- EXISTING COMBINED DRAINAGE NETWORK
- TEMPORARY LAND ACQUISITION
- PROPOSED KERB LINE
- FOUL WATER DRAINAGE - PROPOSED DIVERSION
- COMBINED DRAINAGE NETWORK - PROPOSED DIVERSION
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 National Transport Authority

Engineering Designer: **ARUP**

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

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

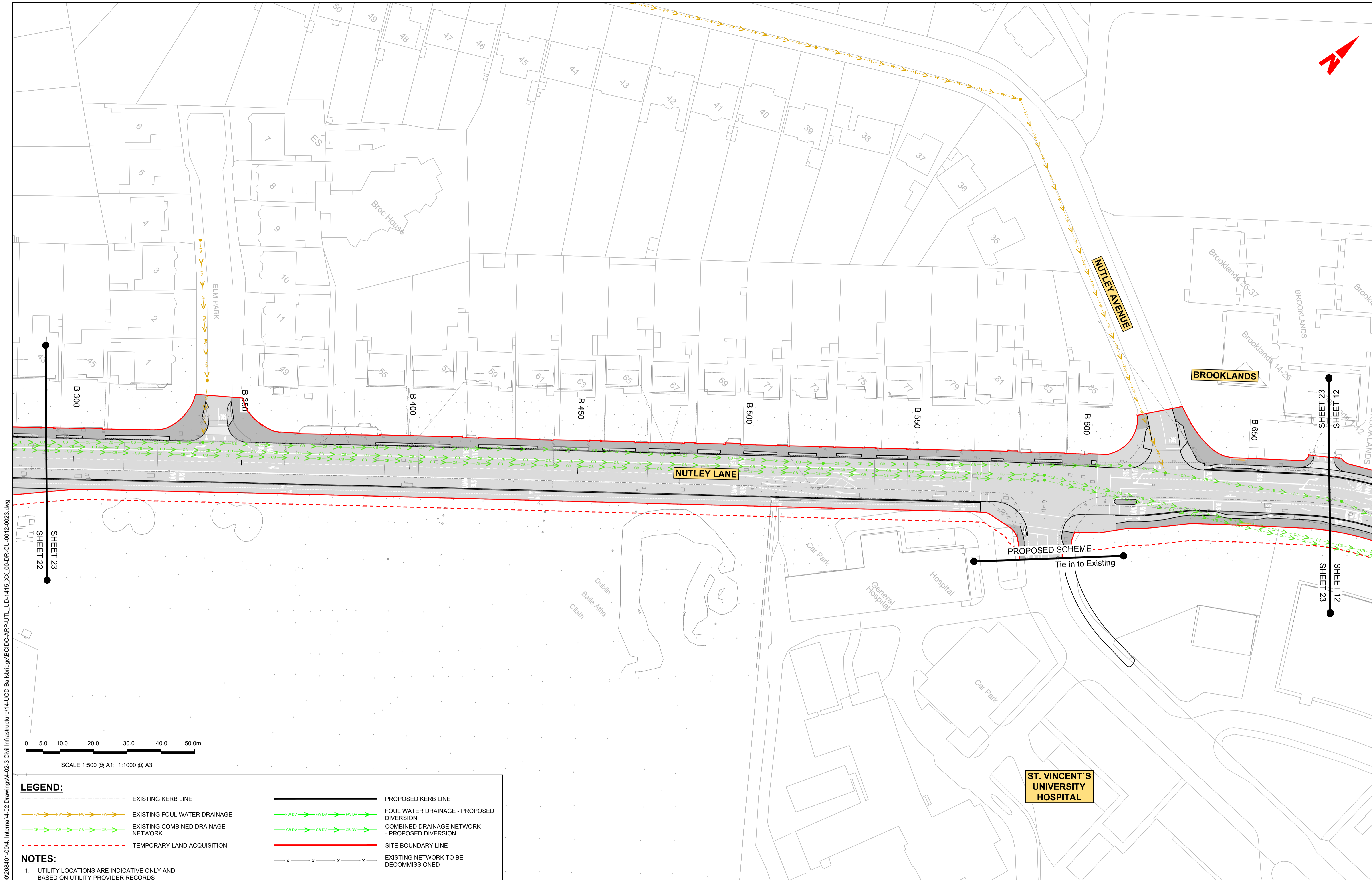
Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

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

Drawing File Name: BCIDC-ARP-UTL\_UD-1415\_XX\_00-DR-CU-0022, Sheet Number: 22 of 23, Status: A, Rev: M01

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**LEGEND:**

- EXISTING KERB LINE
- PROPOSED KERB LINE
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Engineering Designer: **ARUP**

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

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 FOUL SEWER ASSET ALTERATIONS			
Drawing File Name: BCIDC-ARP-UTL_UD-1415_XX_00-DR-CU-0023	Sheet Number: 23 of 23	Status: A	Rev: M01

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