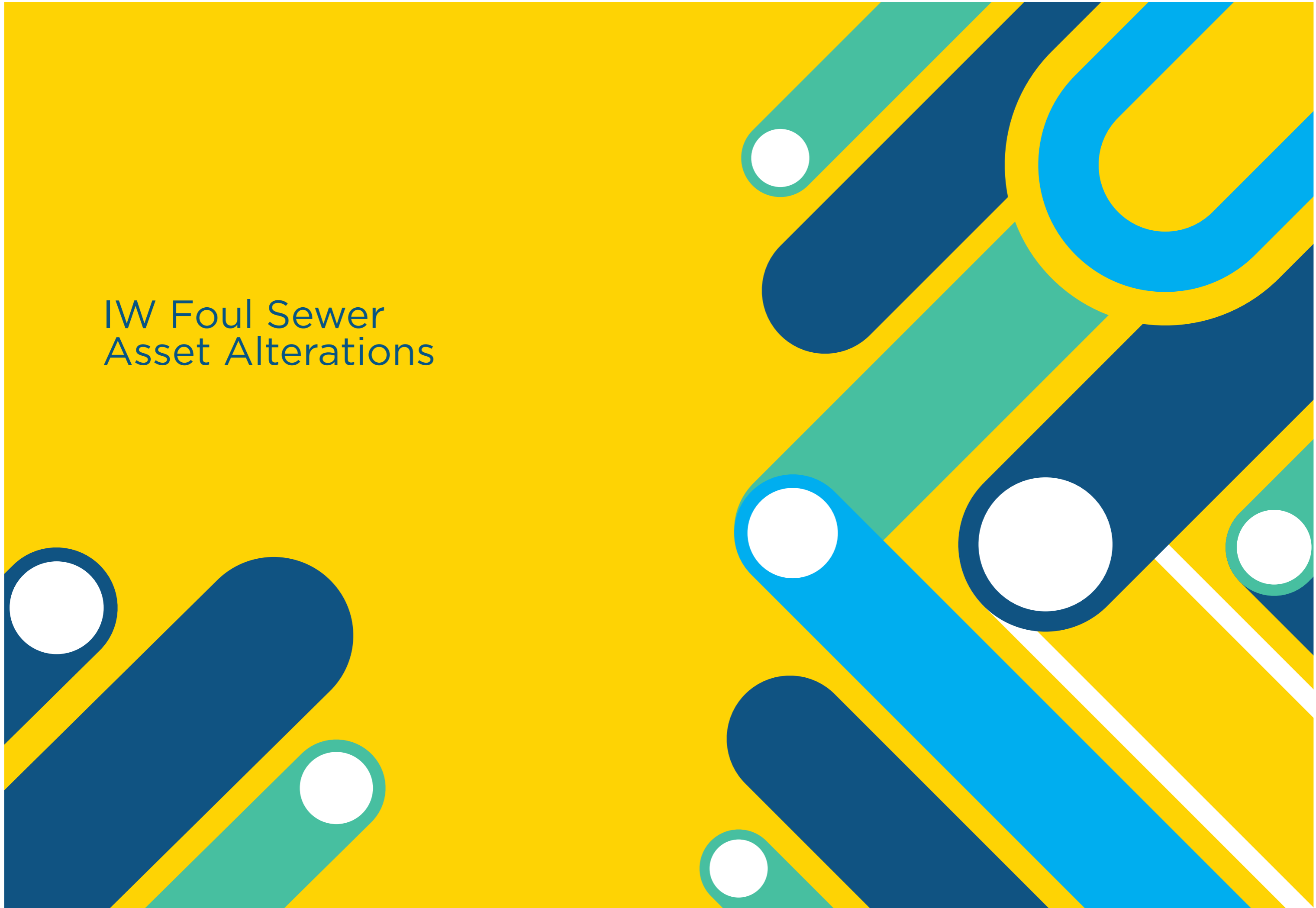


IW Foul Sewer
Asset Alterations





BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS

BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME

DRAWING SERIES NUMBER(S)	DRAWING SERIES DESCRIPTION
BCIDB-JAC-UTL_IX-0013_XX_00-DR-CR-0002	BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME. IW FOUL SEWER ASSET ALTERATIONS. COVER SHEET
BCIDB-JAC-UTL_KP-0013_XX_00-DR-CR-0002	BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME. IW FOUL SEWER ASSET ALTERATIONS. KEY PLAN
BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0001 to 0054	BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME. IW FOUL SEWER ASSET ALTERATIONS

C:\pwworking\jacobs_uk_highways_ss4\legintl_collinse1\40148605\BCIDB-JAC-UTL_IX-0013_XX_00-DR-CR-0002.dwg

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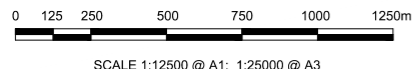
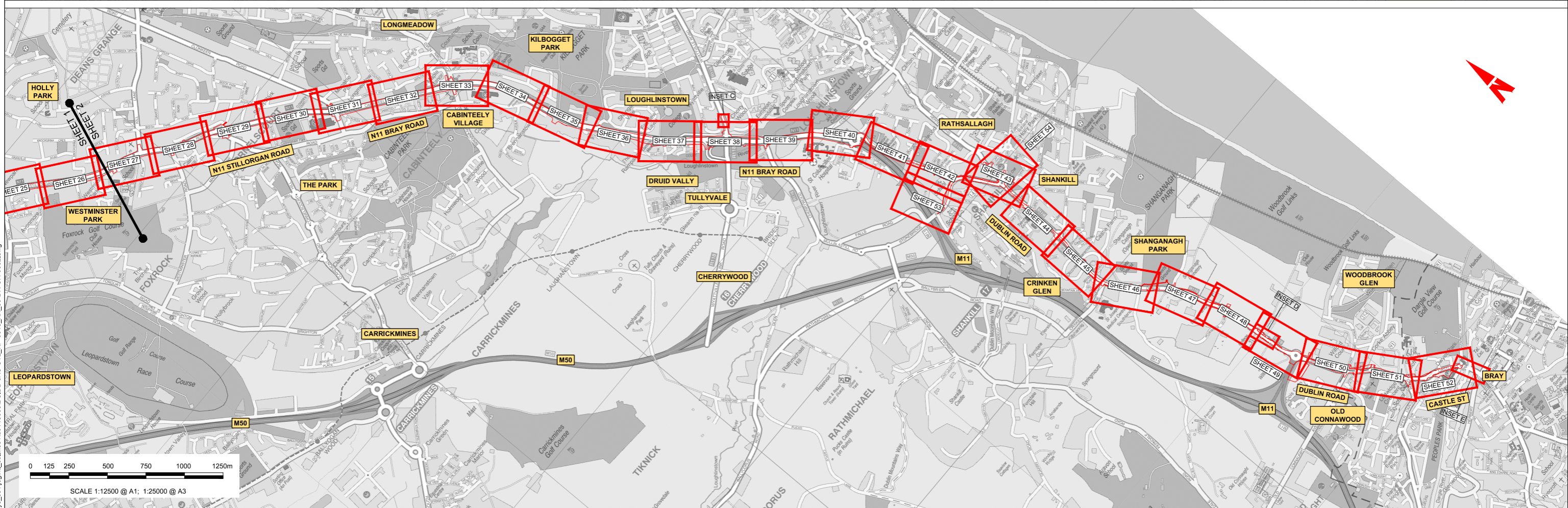
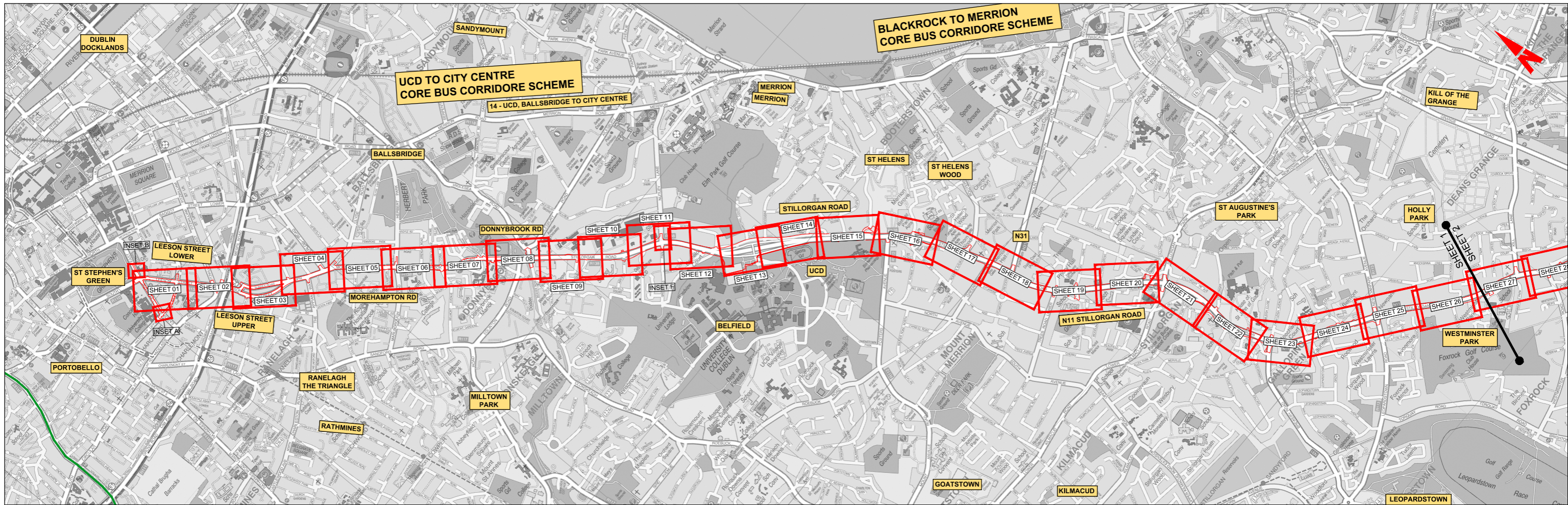


Rev	Date	Drn	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

 Client		 Engineering Designer		
Date 08/05/2023	Scale NTS @ A1 NTS @ A3	Drawn LH	Checked DM	Approved RS
Project Code BCIDB	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW FOUL SEWER ASSET ALTERATIONS COVER SHEET			
Drawing File Name BCIDB-JAC-UTL_IX_0013_XX_00-DR-CR-0002	Sheet Number 01 of 01	Status A	Rev M01

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Rev	Date	Drn	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

Date: 08/05/2023
Scale: 1:12500 @ A1
1:25000 @ A3

Project Code: BCIDB
Originator Code: JAC

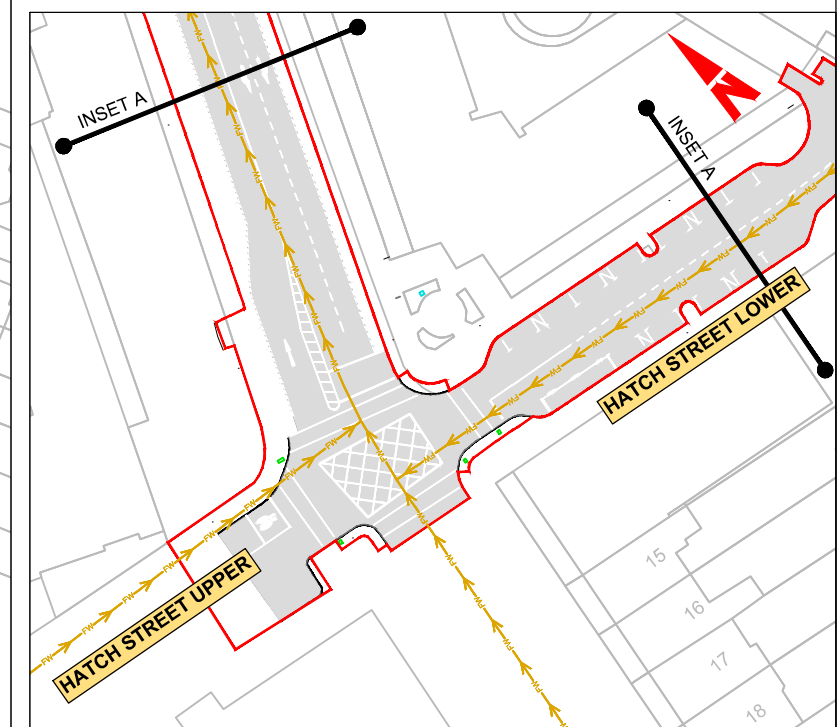
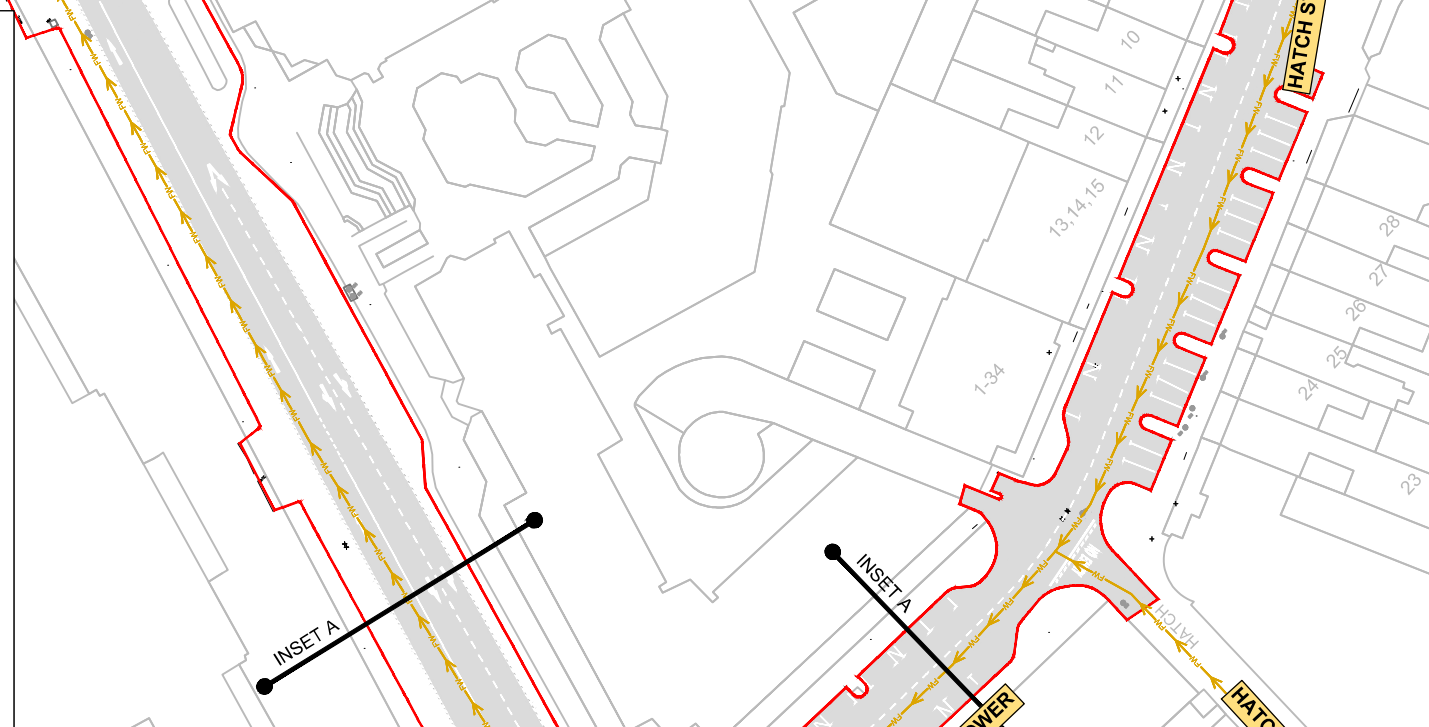
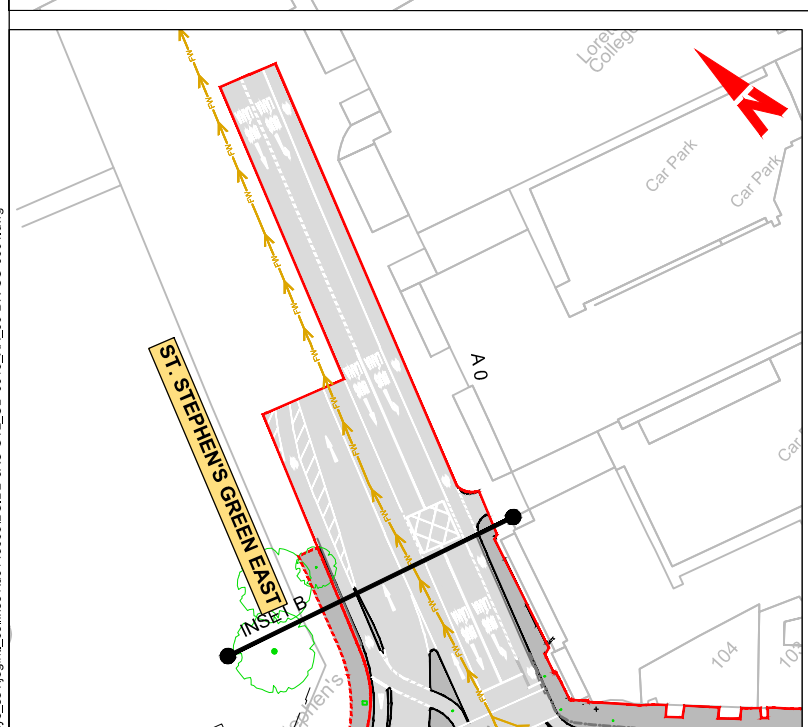
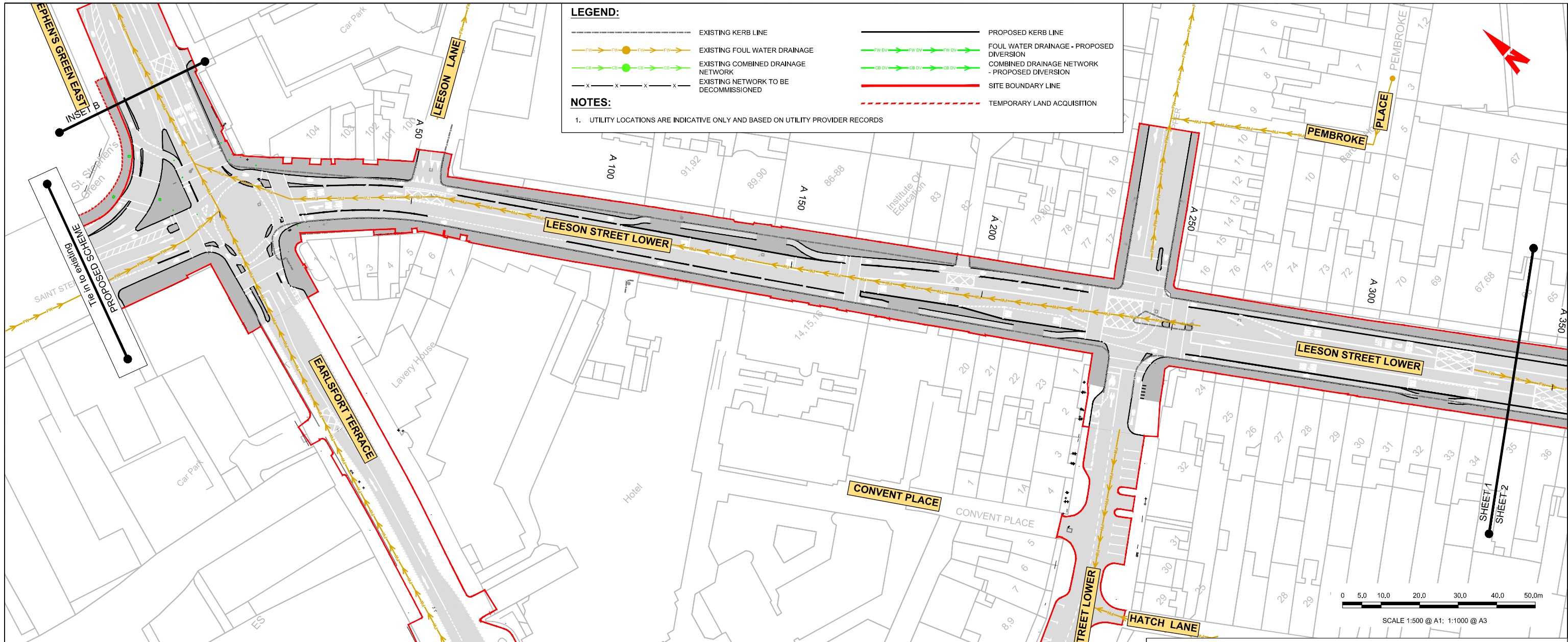
Engineering Designer: **Jacobs**

Drawn	Checked	Approved
LH	DM	RS

QMS Code

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW FOUL SEWER ASSET ALTERATIONS KEY PLAN			
Drawing File Name: BCIDB-JAC-UTL_KP-0013_XX_00-DR-CR-0002	Sheet Number: 01 of 01	Status: A	Rev: M01

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Project Ireland 2040
Building Ireland's Future

Rev	Date	Drm	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

Date: 08/05/2023
Scale: 1:500 @ A1
1:1000 @ A3

Project Code: BCIDB
Originator Code: JAC

Engineering Designer: **Jacobs**

Drawn: LH
Checked: DM
Approved: RS

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

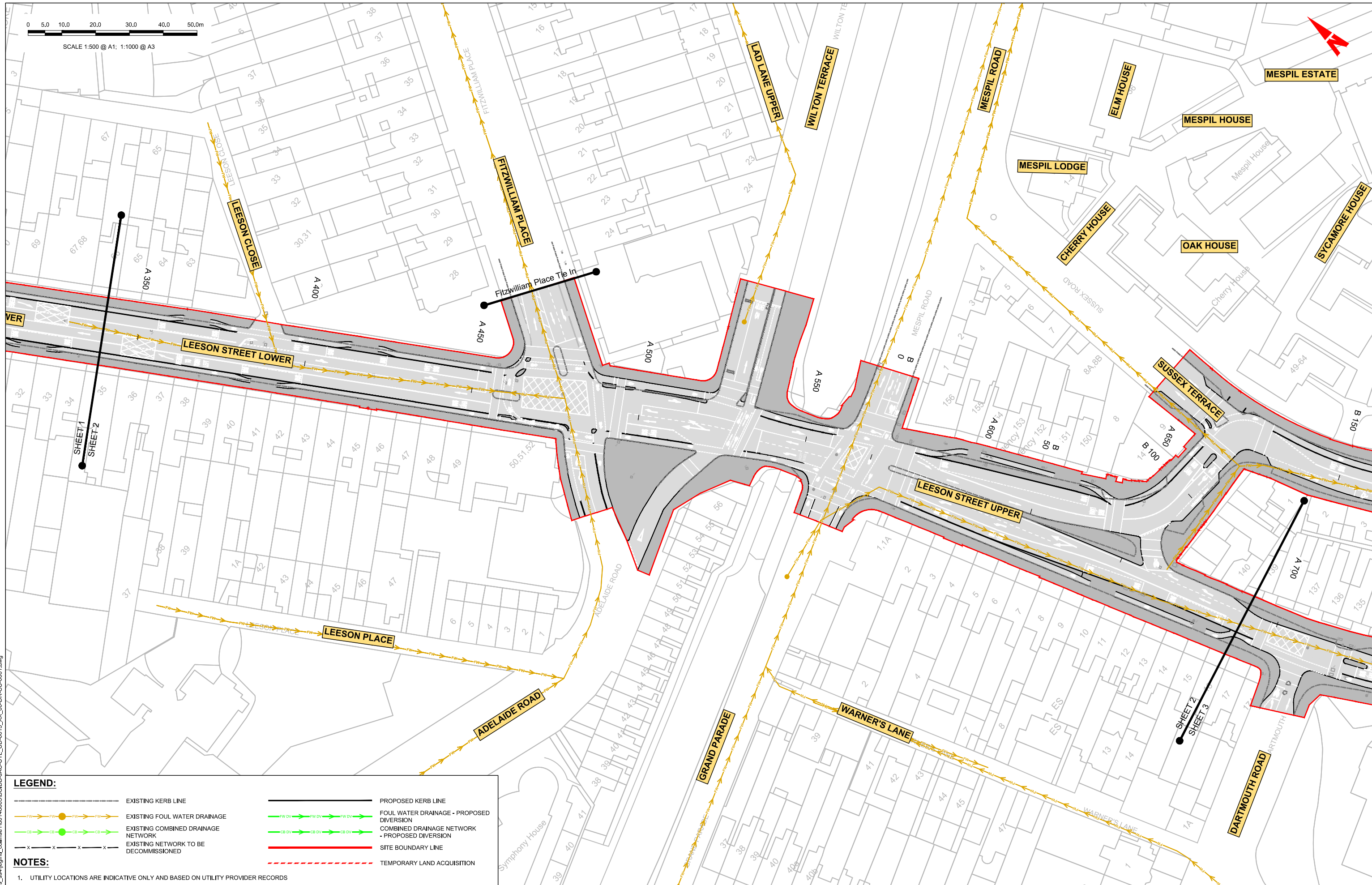
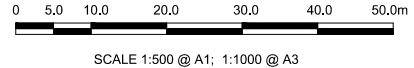
Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME**
IW FOUL SEWER ASSET ALTERATIONS
SHEET 01

Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CD-0001

Sheet Number: 01 of 54
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
	EXISTING NETWORK TO BE DECOMMISSIONED		SITE BOUNDARY LINE
			TEMPORARY LAND ACQUISITION

NOTES:

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Rev	Date	Drn	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

Date: 08/05/2023
 Scale: 1:500 @ A1
 1:1000 @ A3

Project Code: BCIDB
 Originator Code: JAC

Engineering Designer: **Jacobs**

Drawn: LH
 Checked: DM
 Approved: RS

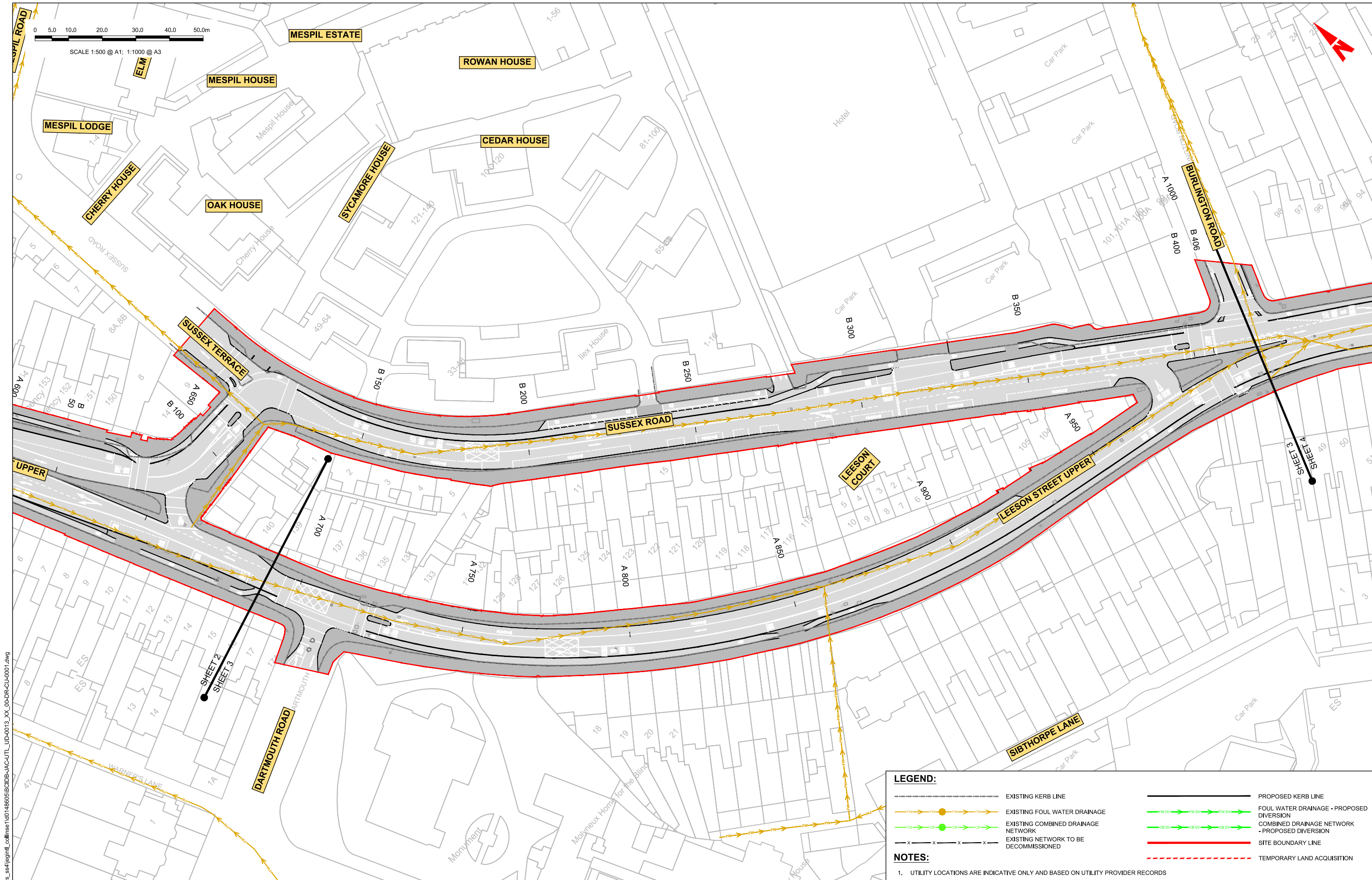
Programme Title: **BUSCONNECTS DUBLIN**
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME**
IW FOUL SEWER ASSET ALTERATIONS
SHEET 02

Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0002
 Sheet Number: 02 of 54
 Status: A
 Rev: M01

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LEGEND:

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

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Rev	Date	Drn	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

Date: 08/05/2023
 Scale: 1:500 @ A1
 1:1000 @ A3

Project Code: BCIDB
 Originator Code: JAC

Engineering Designer: **Jacobs**

Drawn: LH
 Checked: DM
 Approved: RS

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

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
 IW FOUL SEWER ASSET ALTERATIONS
 SHEET 03**

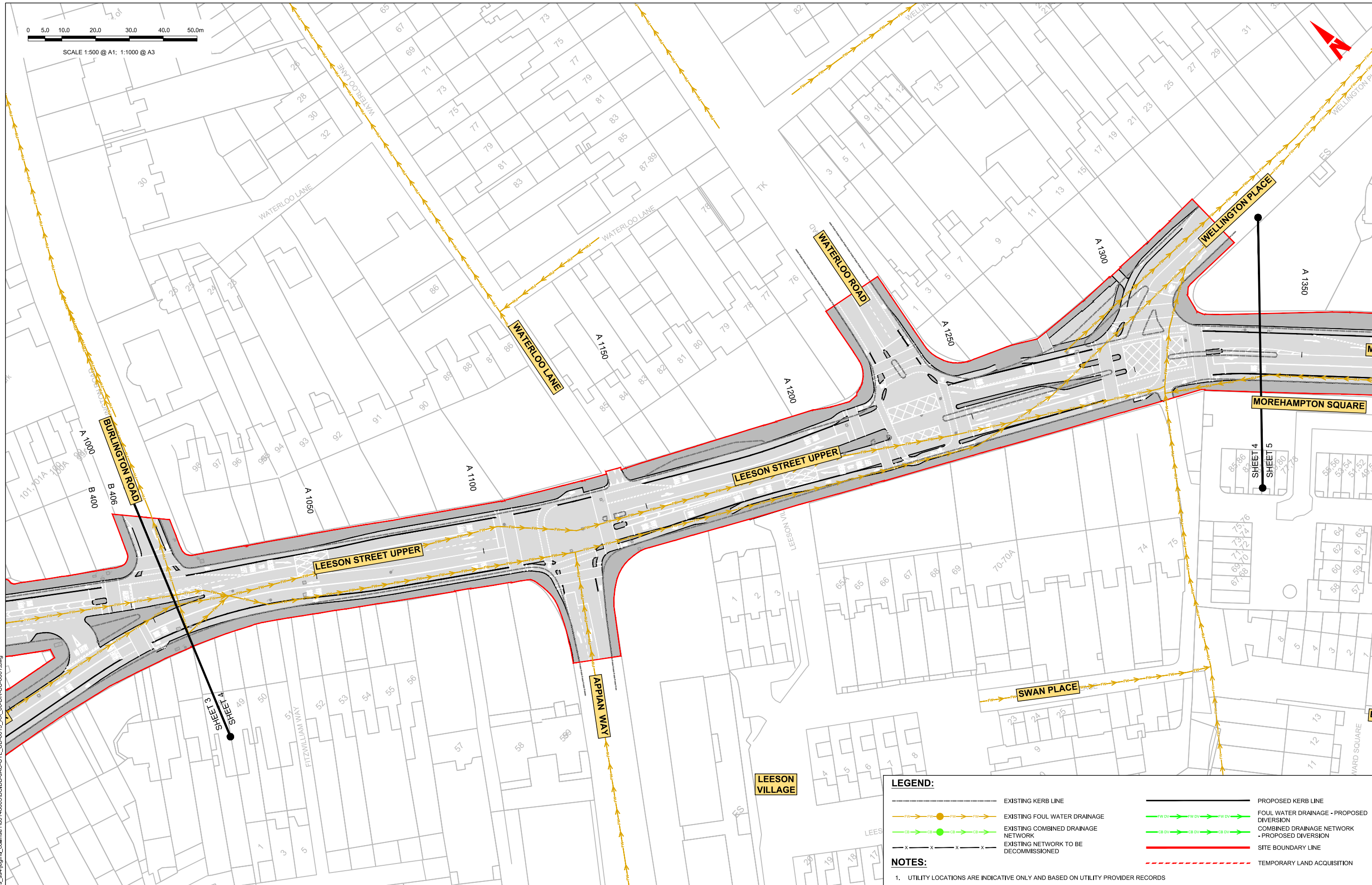
Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0003
 Sheet Number: 03 of 54
 Status: A
 Rev: M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



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
- EXISTING NETWORK TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

NOTES:

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Rev	Date	Drm	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

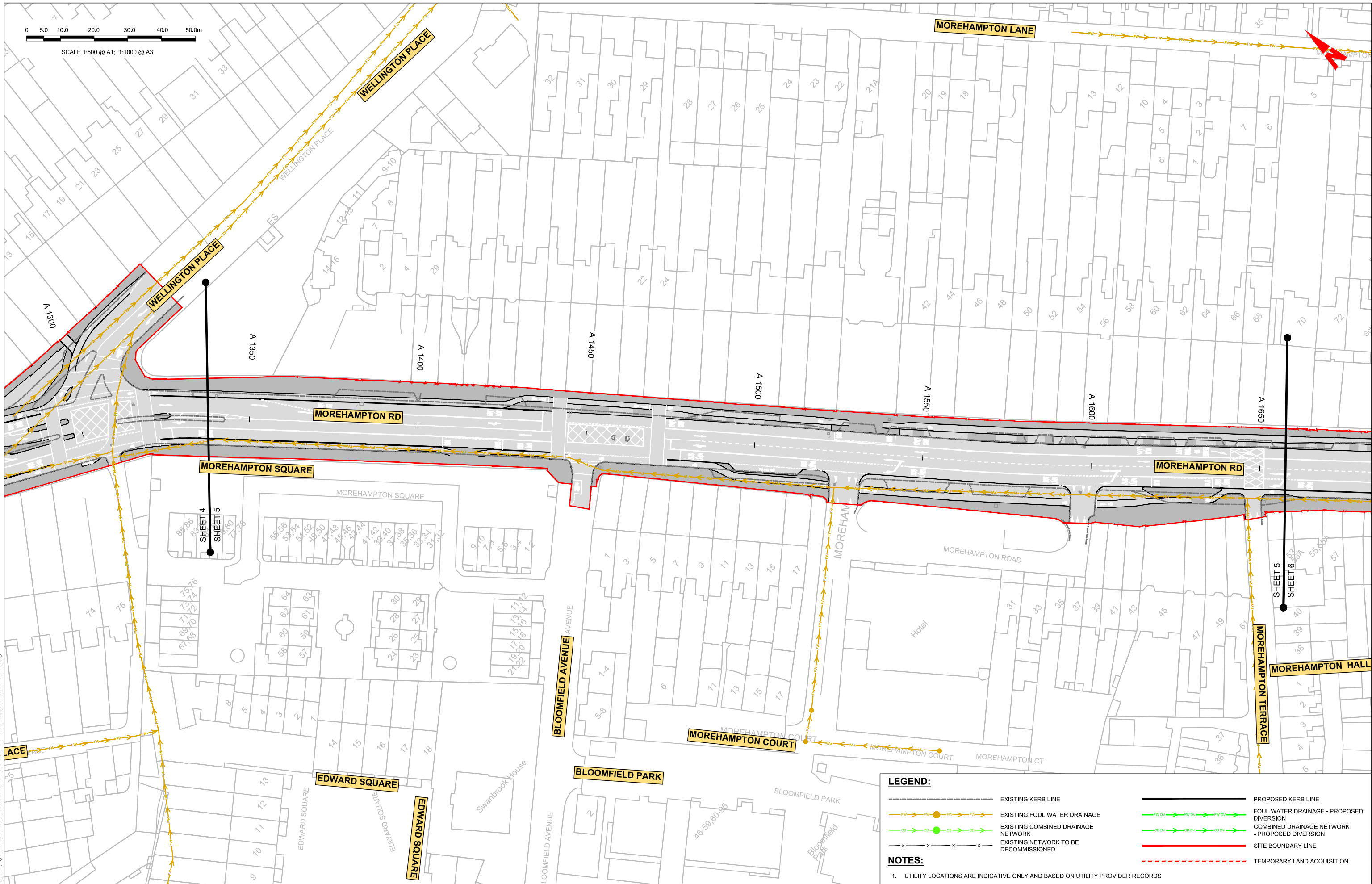
Date	Scale	Drawn	Checked	Approved
08/05/2023	1:500 @ A1 1:1000 @ A3	LH	DM	RS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title			
BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title			
BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW FOUL SEWER ASSET ALTERATIONS SHEET 04			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0004	04 of 54	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



LEGEND:

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

NOTES:

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Rev	Date	Drn	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

Date: 08/05/2023 | Scale: 1:500 @ A1, 1:1000 @ A3

Project Code: BCIDB | Originator Code: JAC

Engineering Designer: **Jacobs**

Drawn: LH | Checked: DM | Approved: RS

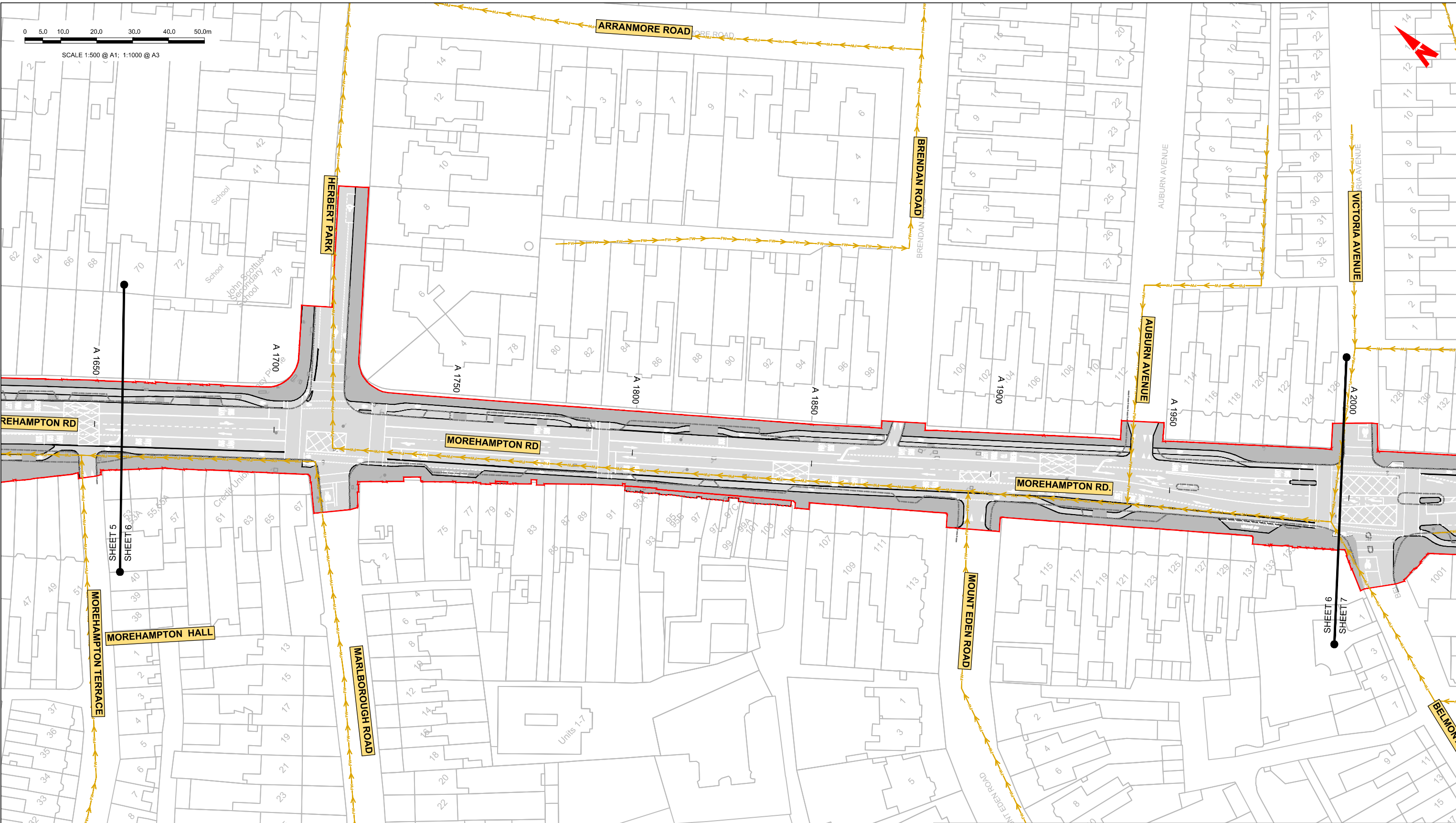
Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW FOUL SEWER ASSET ALTERATIONS SHEET 05

Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0005 | Sheet Number: 05 of 54 | Status: A | Rev: 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



LEGEND:

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

NOTES:

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Rev	Date	Dm	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

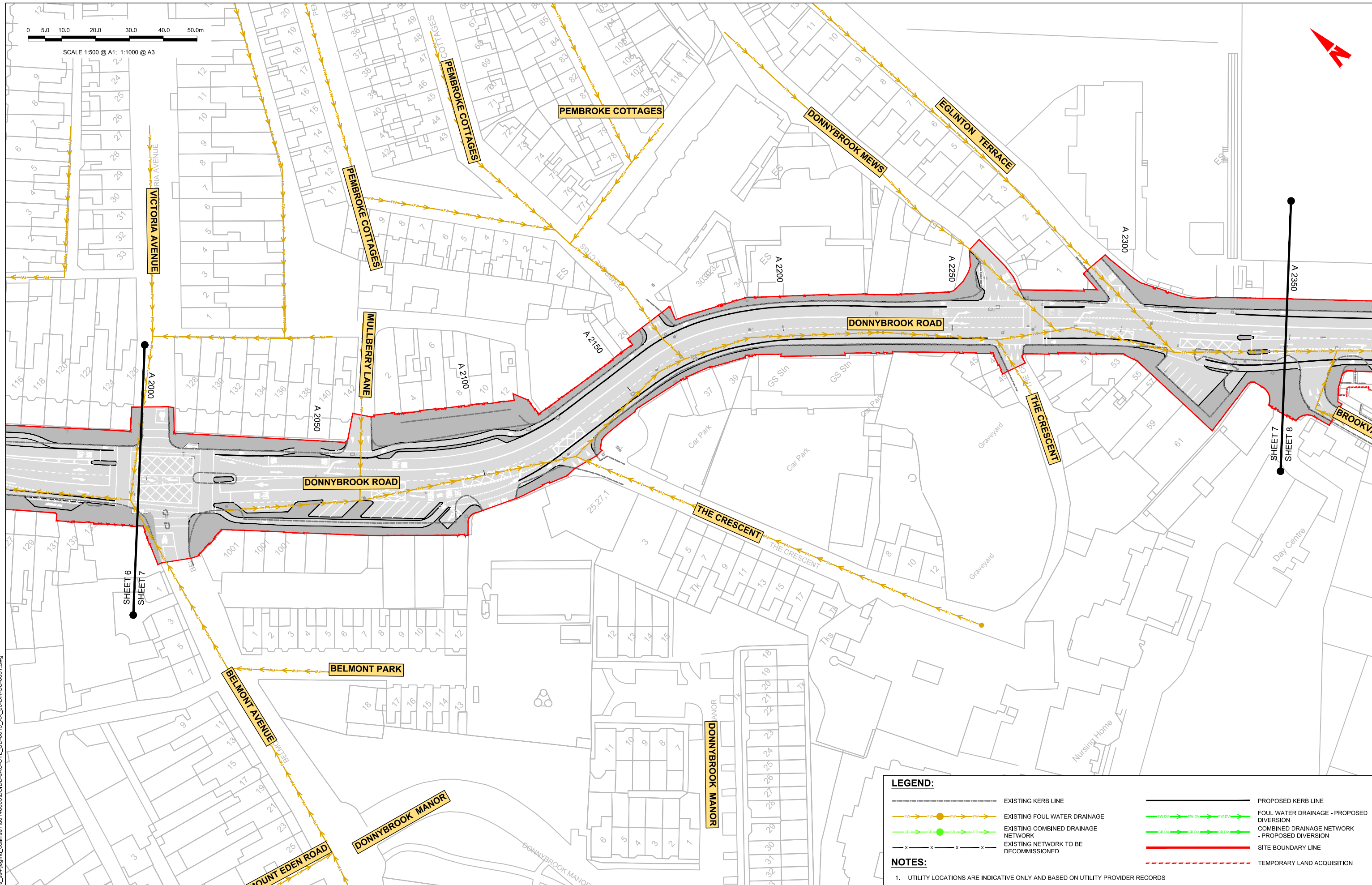
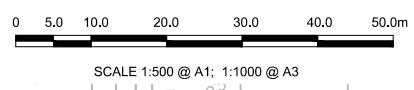
Date	Scale	Drawn	Checked	Approved
08/05/2023	1:500 @ A1 1:1000 @ A3	LH	DM	RS

Project Code: BCIDB | Originator Code: JAC | OMS Code:

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW FOUL SEWER ASSET ALTERATIONS SHEET 06			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0006	06 of 54	A	M01

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LEGEND:

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

NOTES:

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Rev	Date	Drn	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

Date: 08/05/2023
 Scale: 1:500 @ A1
 1:1000 @ A3

Project Code: BCIDB
 Originator Code: JAC

Engineering Designer: **Jacobs**

Drawn: LH
 Checked: DM
 Approved: RS

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

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
 IW FOUL SEWER ASSET ALTERATIONS
 SHEET 07**

Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CD-0007

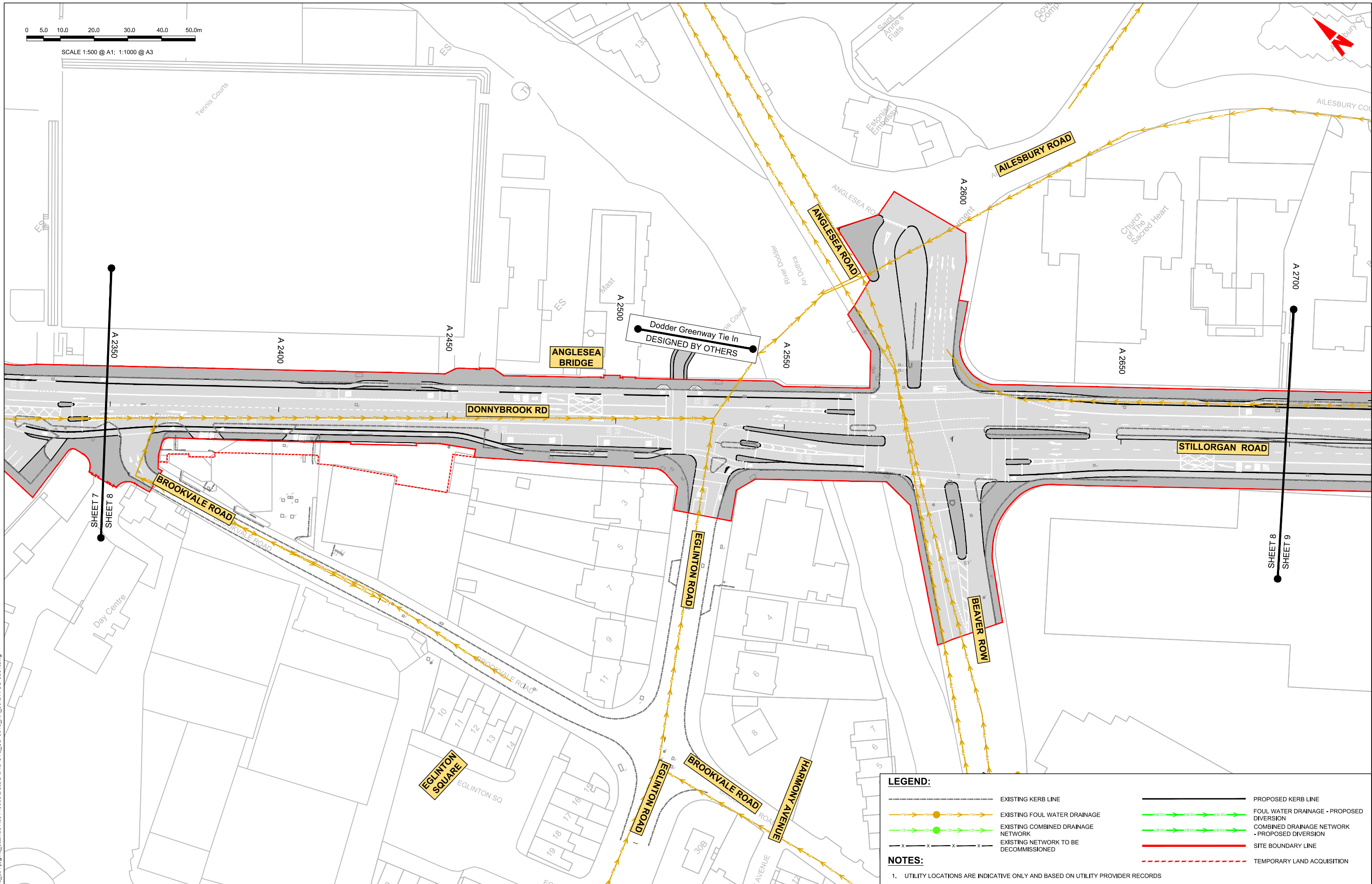
Sheet Number: 07 of 54
 Status: A
 Rev: M01

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



LEGEND:

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

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M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

Date: 08/05/2023
Scale: 1:500 @ A1
1:1000 @ A3

Project Code: BCIDB
Originator Code: JAC

Engineering Designer: **Jacobs**

Drawn: LH
Checked: DM
Approved: RS

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

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
IW FOUL SEWER ASSET ALTERATIONS
SHEET 08**

Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0008

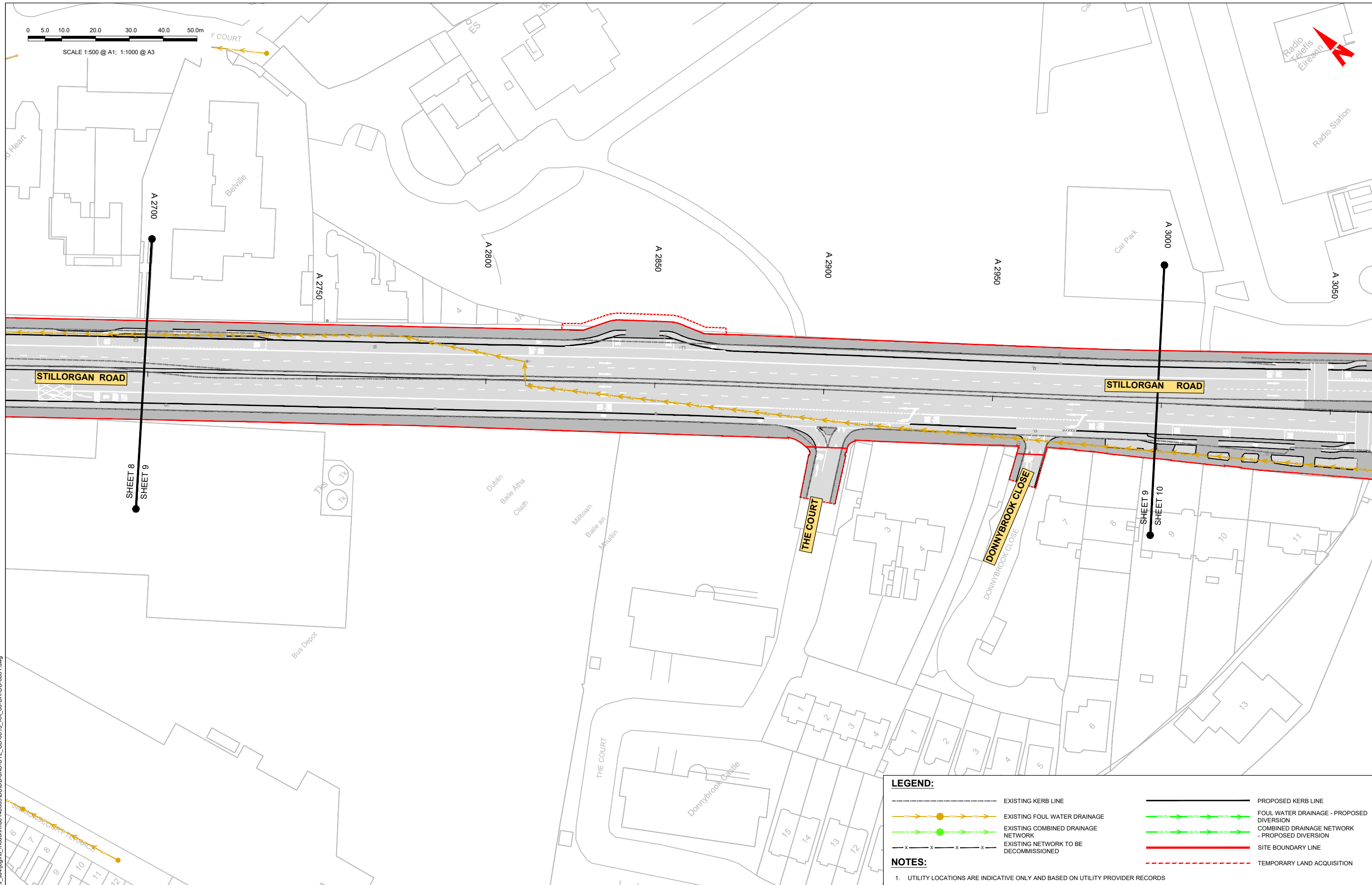
Sheet Number: 08 of 54
Status: A
Rev: M01

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



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
- EXISTING NETWORK TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

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Rev	Date	Dm	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date: 08/05/2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: LH | Checked: DM | Approved: RS

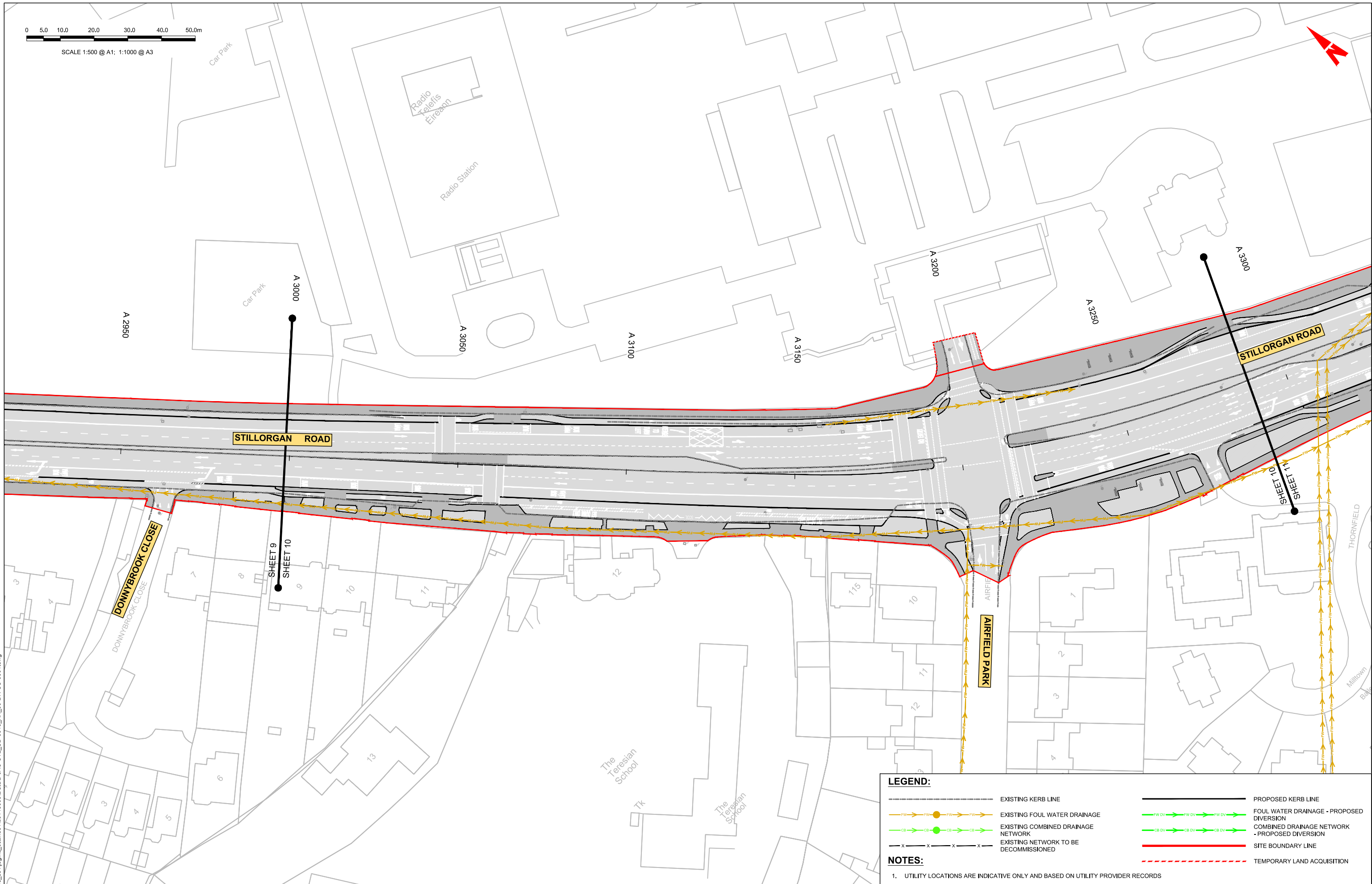
Project Code: BCIDB | Originator Code: JAC | QMS Code:

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW FOUL SEWER ASSET ALTERATIONS SHEET 09			
Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0009	Sheet Number: 09 of 54	Status: A	Rev: 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



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
- EXISTING NETWORK TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

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Rev	Date	Drm	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date: 08/05/2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: LH | Checked: DM | Approved: RS

Project Code: BCIDB | Originator Code: JAC | QMS Code:

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

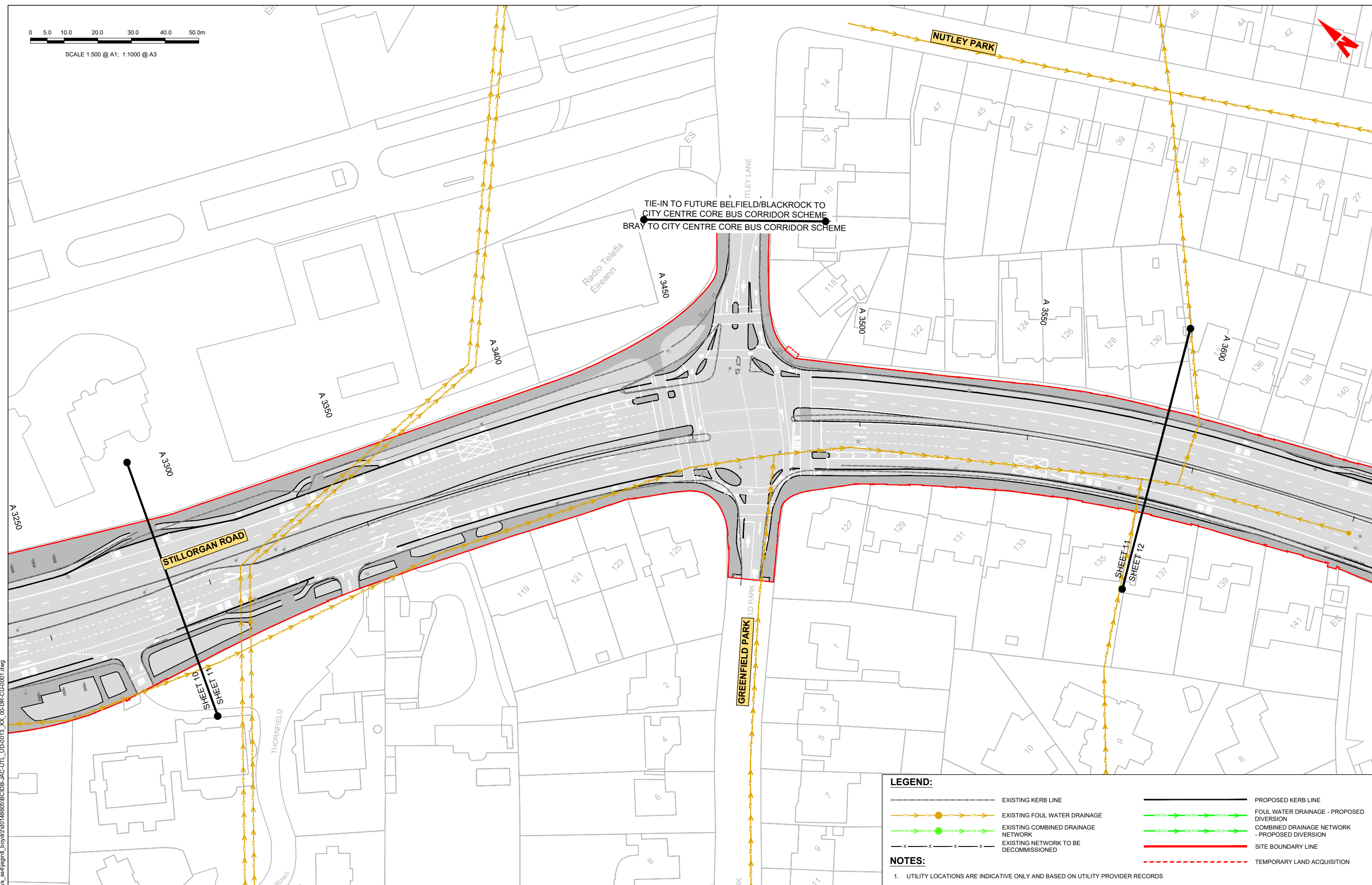
Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
IW FOUL SEWER ASSET ALTERATIONS
SHEET 10

Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0010 | Sheet Number: 10 of 54 | Status: A | Rev: 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



LEGEND:

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

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M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date	Scale	Drawn	Checked	Approved
08/05/2023	1:500 @ A1 1:1000 @ A3	LH	DM	RS

Project Code: BCIDB | Originator Code: JAC | OMS Code:

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

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME**
IW FOUL SEWER ASSET ALTERATIONS
SHEET 11

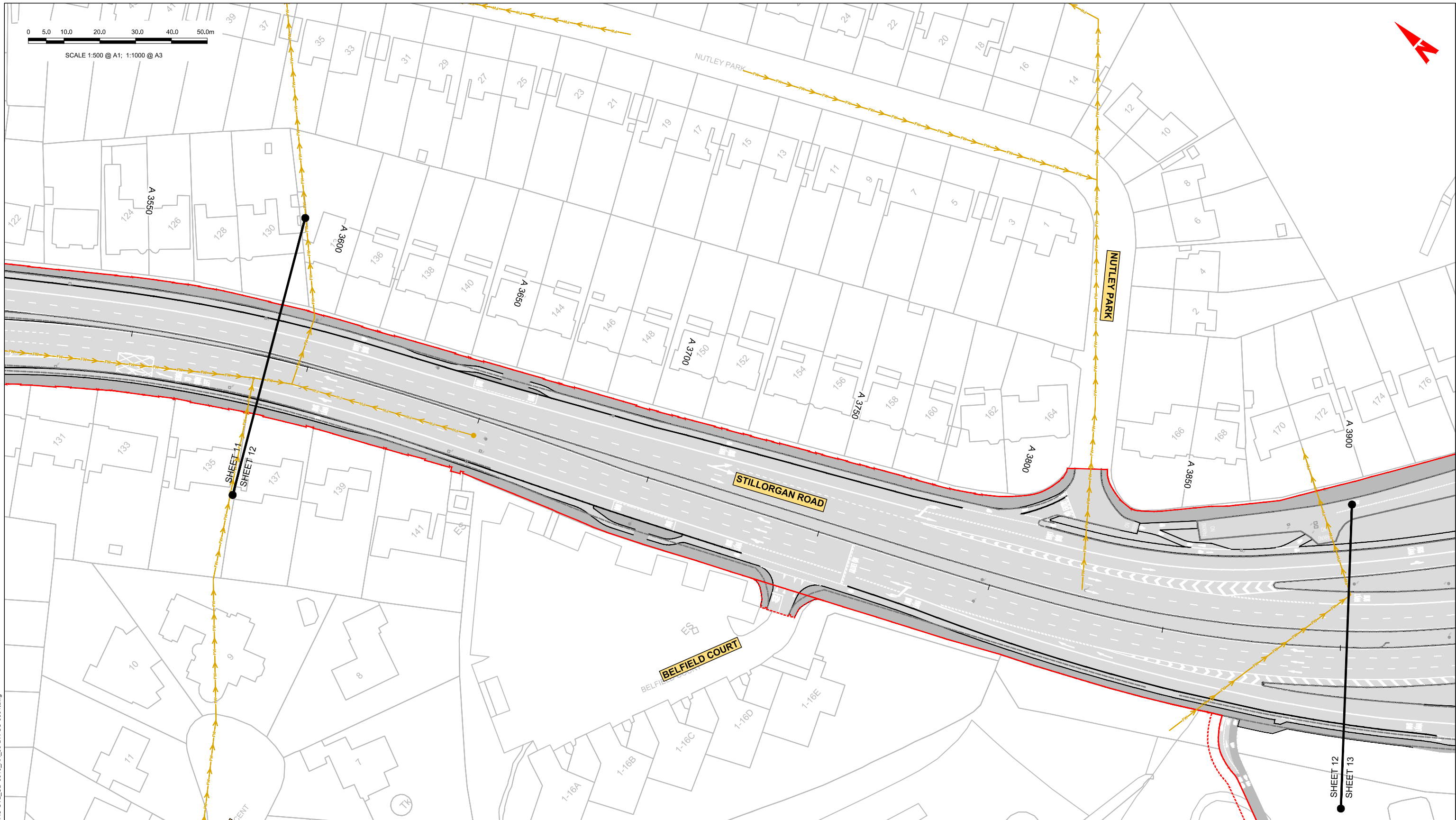
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-UTL_UD -0013_XX_00-DR-CU-0011	11 of 54	A	M01

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



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
	EXISTING NETWORK TO BE DECOMMISSIONED		SITE BOUNDARY LINE
			TEMPORARY LAND ACQUISITION

NOTES:

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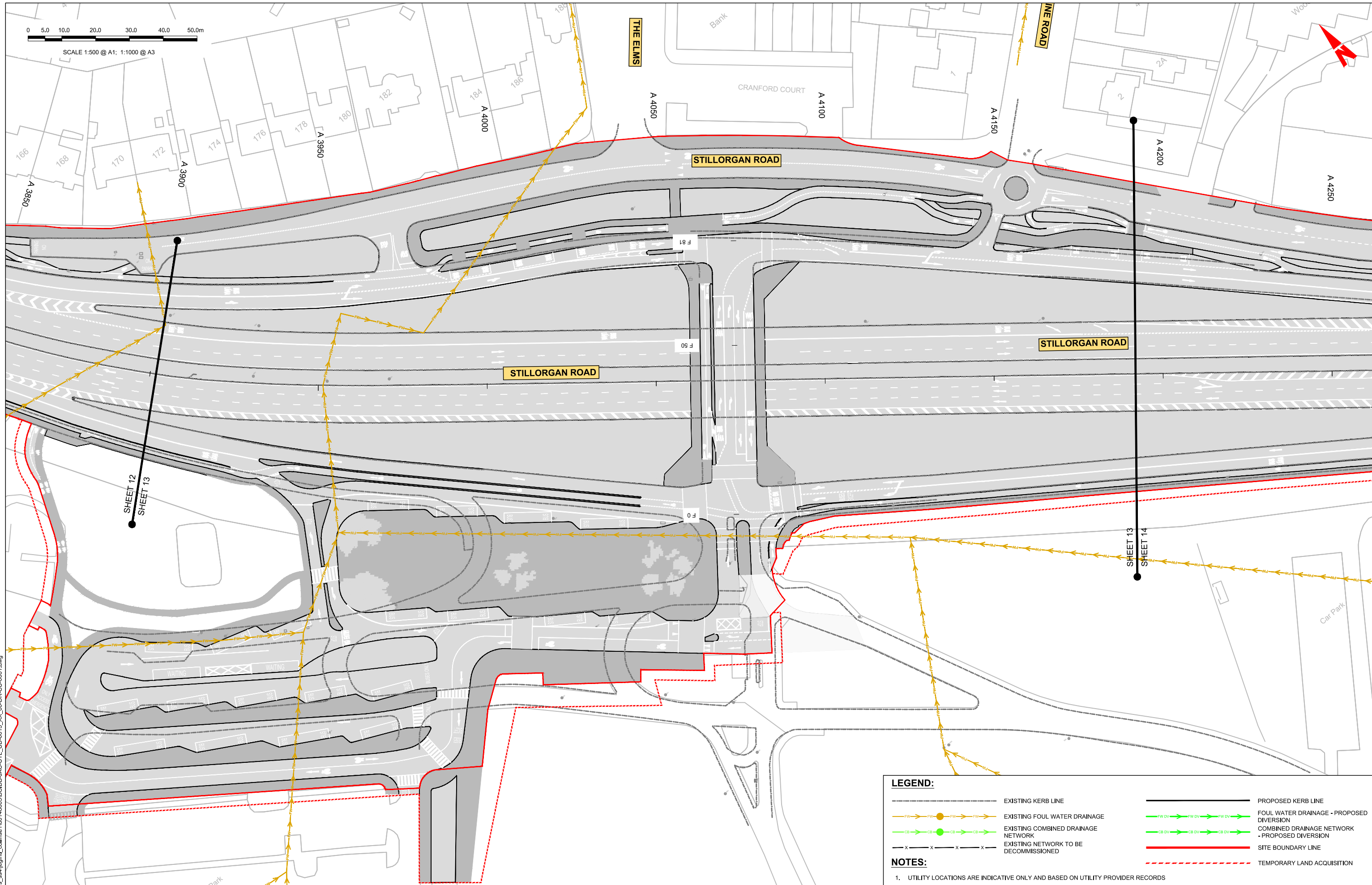
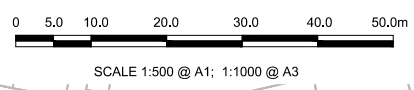
Rev	Date	Drn	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

 Date: 08/05/2023 Project Code: BCIDB		 Scale: 1:500 @ A1 1:1000 @ A3 Originator Code: JAC		Engineering Designer Drawn: LH Checked: DM Approved: RS
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Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW FOUL SEWER ASSET ALTERATIONS SHEET 12			
Drawing File Name BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0012	Sheet Number 12 of 54	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
- EXISTING NETWORK TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

NOTES:

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Rev	Date	Drn	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date: 08/05/2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: LH | Checked: DM | Approved: RS

Project Code: BCIDB | Originator Code: JAC | QMS Code:

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

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW FOUL SEWER ASSET ALTERATIONS SHEET 13**

Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0013 | Sheet Number: 13 of 54 | Status: A | Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

0 5.0 10.0 20.0 30.0 40.0 50.0m

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

WOODBINE ROAD

A 4150

A 4200

A 4250

A 4300

A 4350

A 4400

A 4450

A 4500

STILLORGAN ROAD

STILLORGAN ROAD

SHEET 13

SHEET 14

SHEET 14

SHEET 15

UCD

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
- EXISTING NETWORK TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

NOTES:

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

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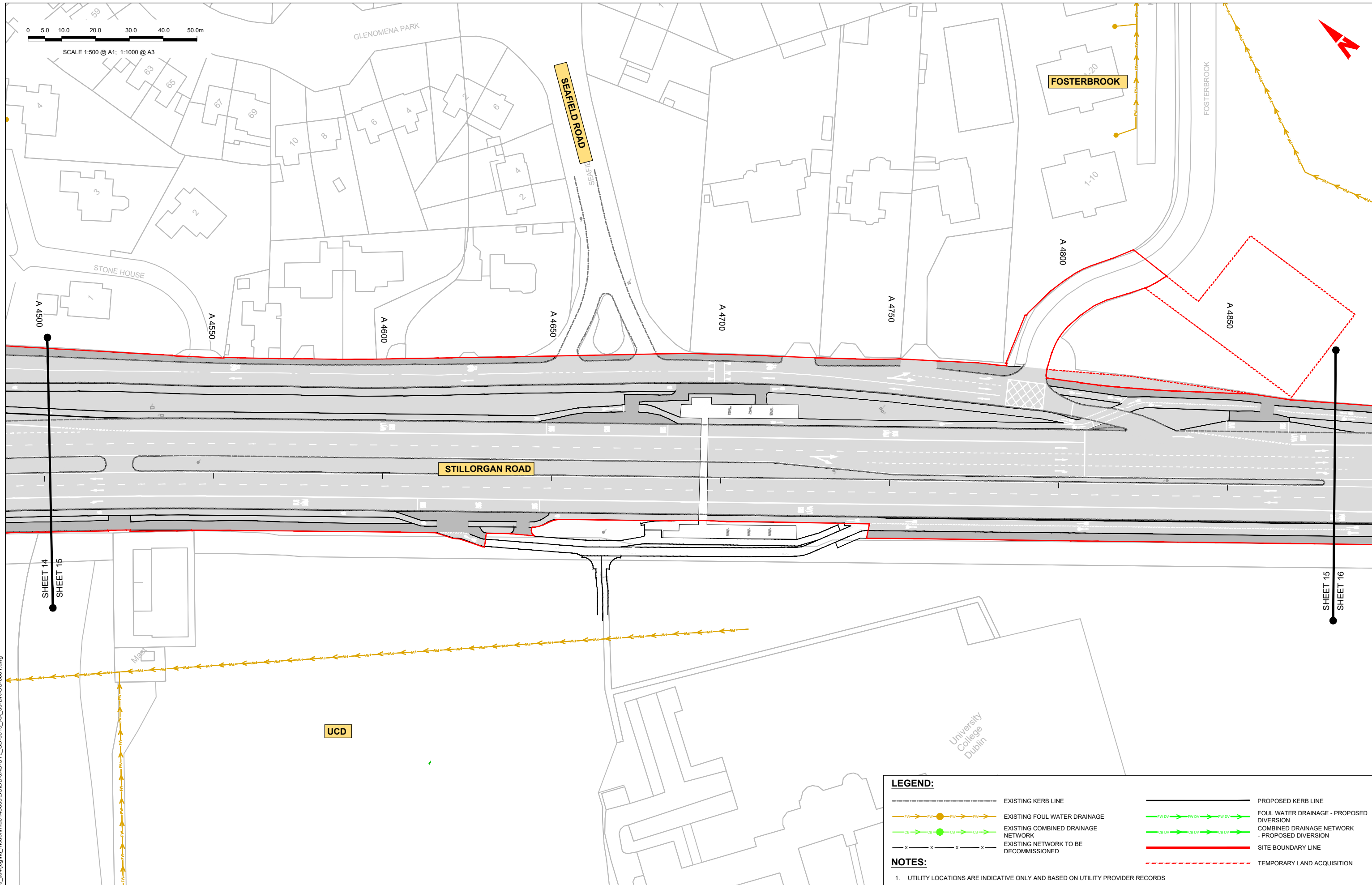
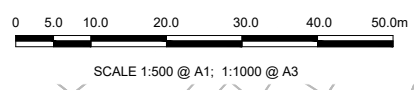
Rev	Date	Drn	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

 Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer 		
Date	Scale	Drawn	Checked	Approved
08/05/2023	1:500 @ A1 1:1000 @ A3	LH	DM	RS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW FOUL SEWER ASSET ALTERATIONS SHEET 14			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0014	14 of 54	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
- EXISTING NETWORK TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

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Rev	Date	Drm	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

Date: 08/05/2023 | Scale: 1:500 @ A1, 1:1000 @ A3

Project Code: BCIDB | Originator Code: JAC

Engineering Designer: **Jacobs**

Drawn: LH | Checked: DM | Approved: RS

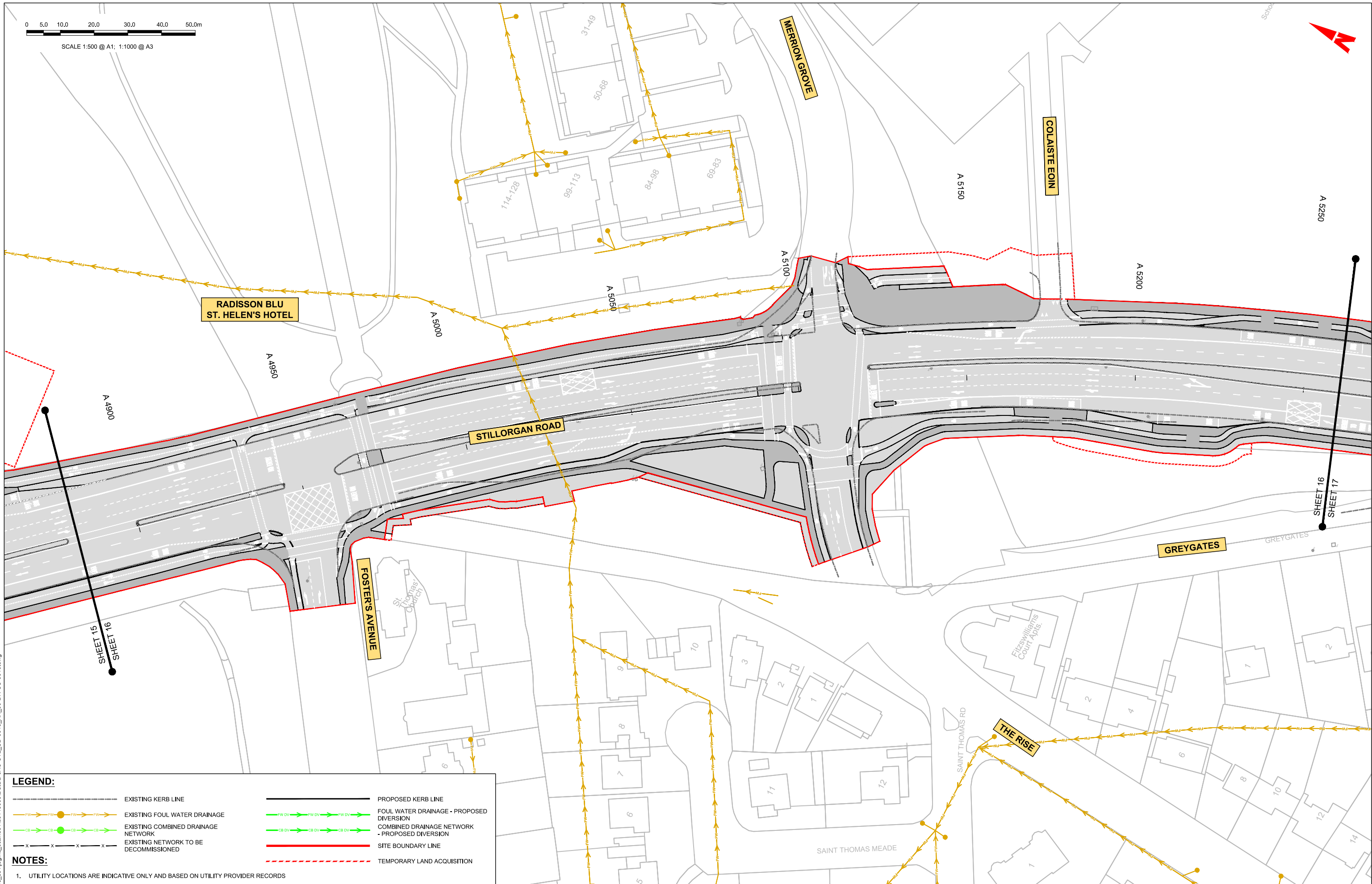
Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW FOUL SEWER ASSET ALTERATIONS SHEET 15			
Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0015	Sheet Number: 15 of 54	Status: A	Rev: M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



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
- EXISTING NETWORK TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

NOTES:

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M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

Client
NTA
 Údarás Náisiúnta Iompair
 National Transport Authority

Engineering Designer
Jacobs

Date: 08/05/2023
 Scale: 1:500 @ A1, 1:1000 @ A3
 Project Code: BCIDB
 Originator Code: JAC

Programme Title
BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title
 BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
 IW FOUL SEWER ASSET ALTERATIONS
 SHEET 16

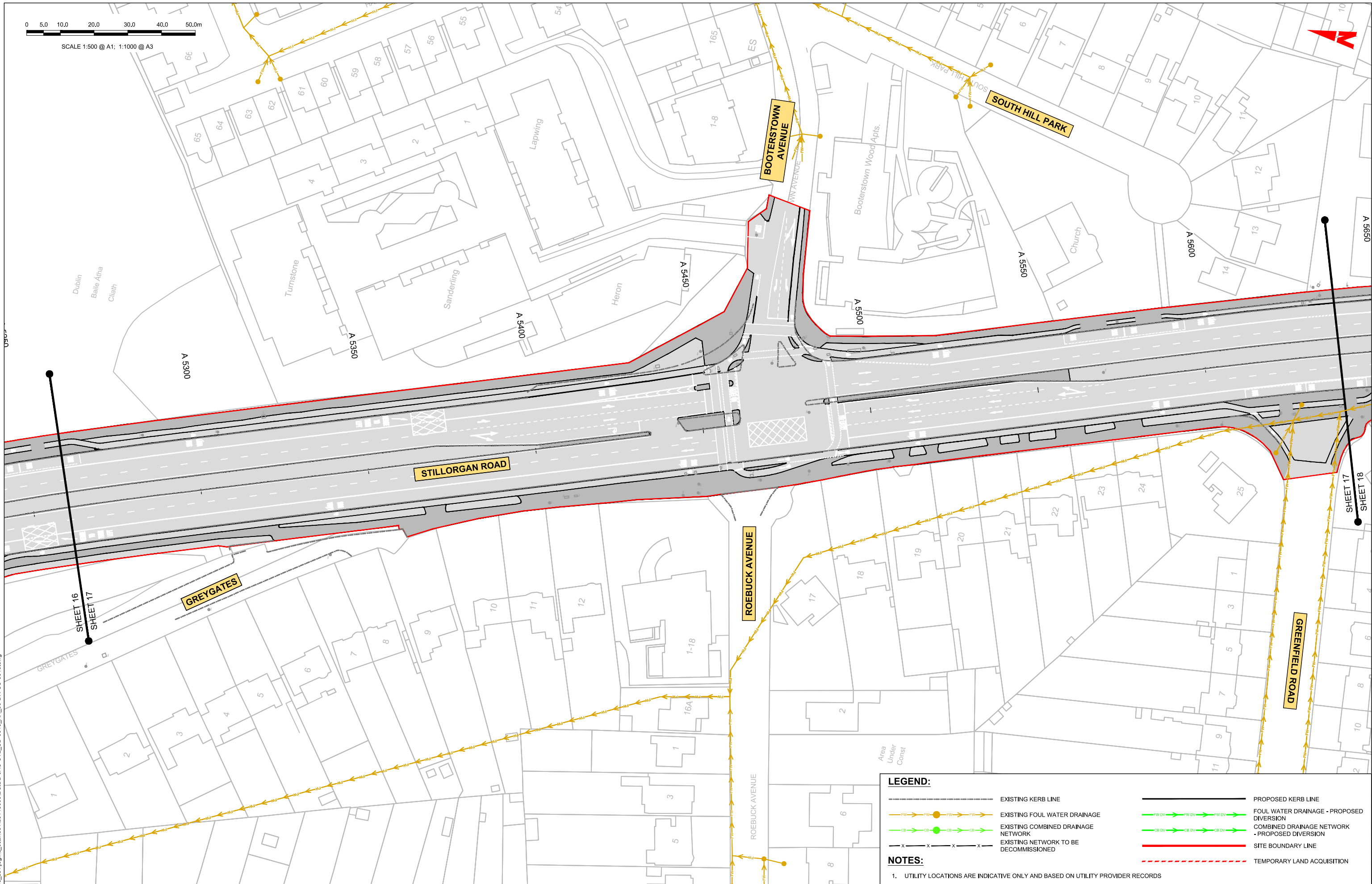
Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0016
 Sheet Number: 16 of 54
 Status: A
 Rev: M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



LEGEND:

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

NOTES:

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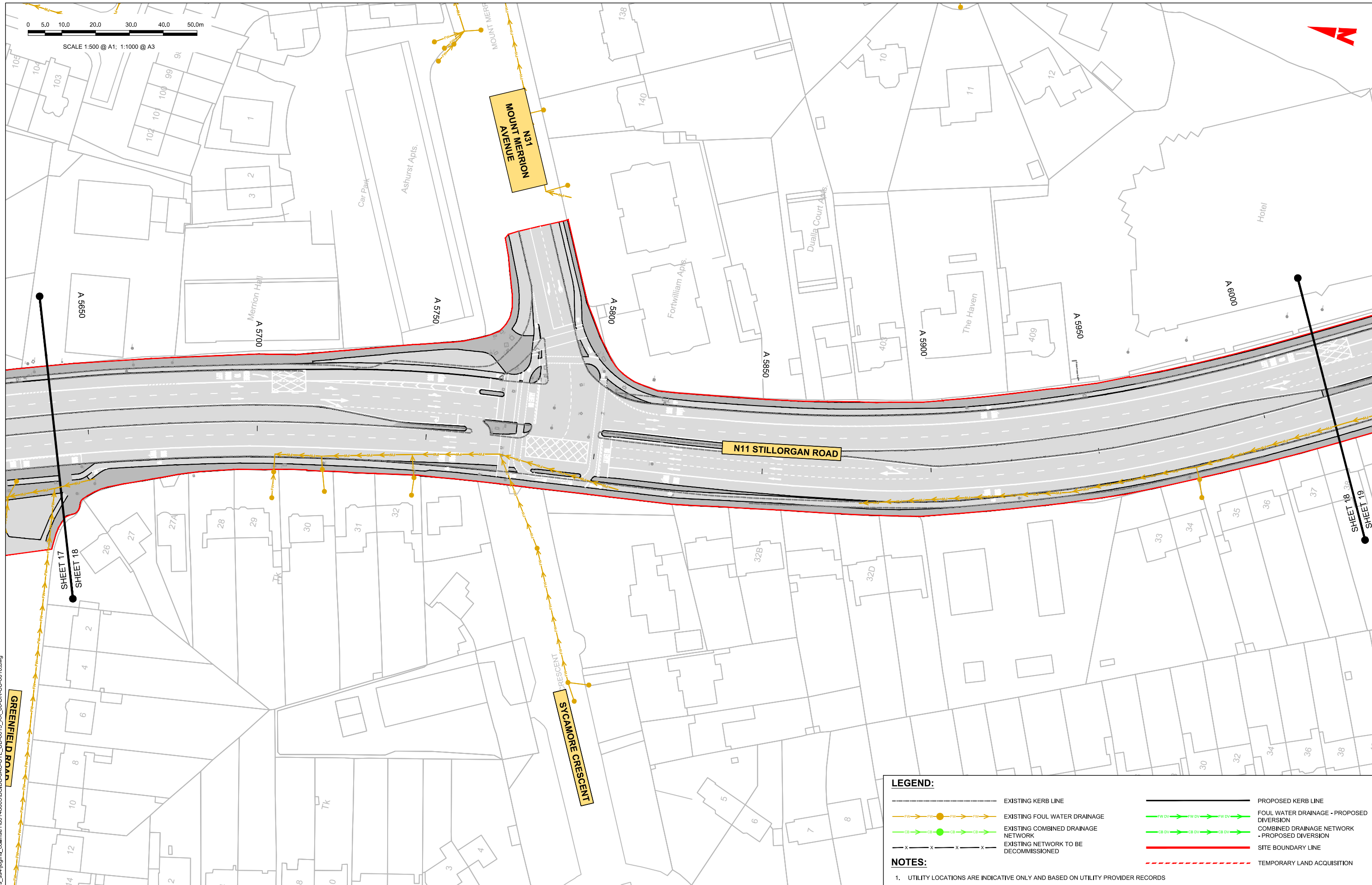
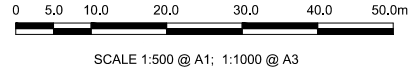
Rev	Date	Drn	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

Client NTA Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer Jacobs		
Date 08/05/2023	Scale 1:500 @ A1 1:1000 @ A3	Drawn LH	Checked DM	Approved RS
Project Code BCIDB	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW FOUL SEWER ASSET ALTERATIONS SHEET 17			
Drawing File Name BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0017	Sheet Number 17 of 54	Status A	Rev M01

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LEGEND:

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

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

Date: 08/05/2023
 Scale: 1:500 @ A1
 1:1000 @ A3

Project Code: BCIDB
 Originator Code: JAC

Engineering Designer: **Jacobs**

Drawn: LH
 Checked: DM
 Approved: RS

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

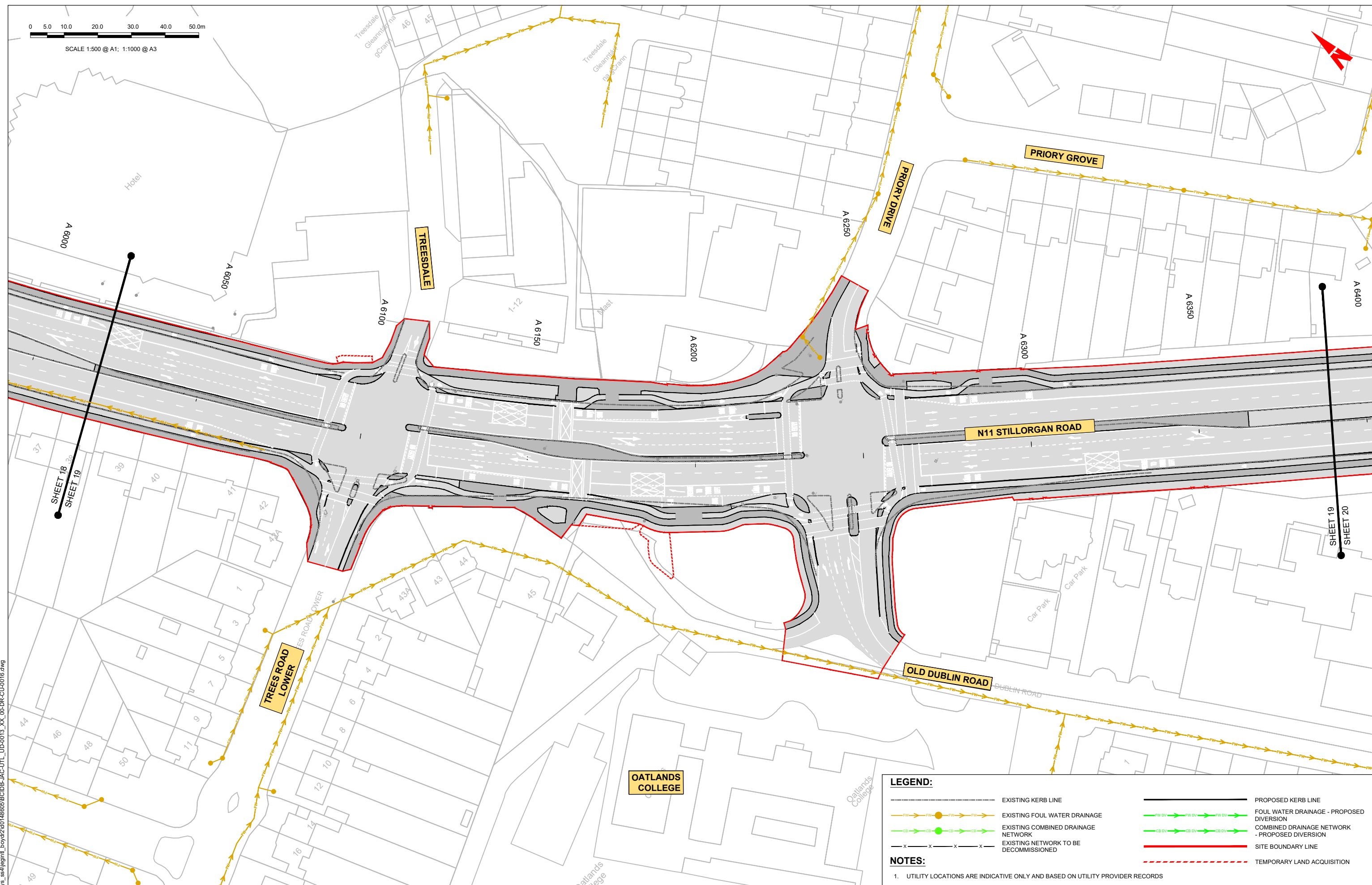
Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
 IW FOUL SEWER ASSET ALTERATIONS
 SHEET 18**

Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0018
 Sheet Number: 18 of 54
 Status: A
 Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



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



LEGEND:

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

NOTES:

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M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date	Scale	Drawn	Checked	Approved
08/05/2023	1:500 @ A1 1:1000 @ A3	LH	DM	RS

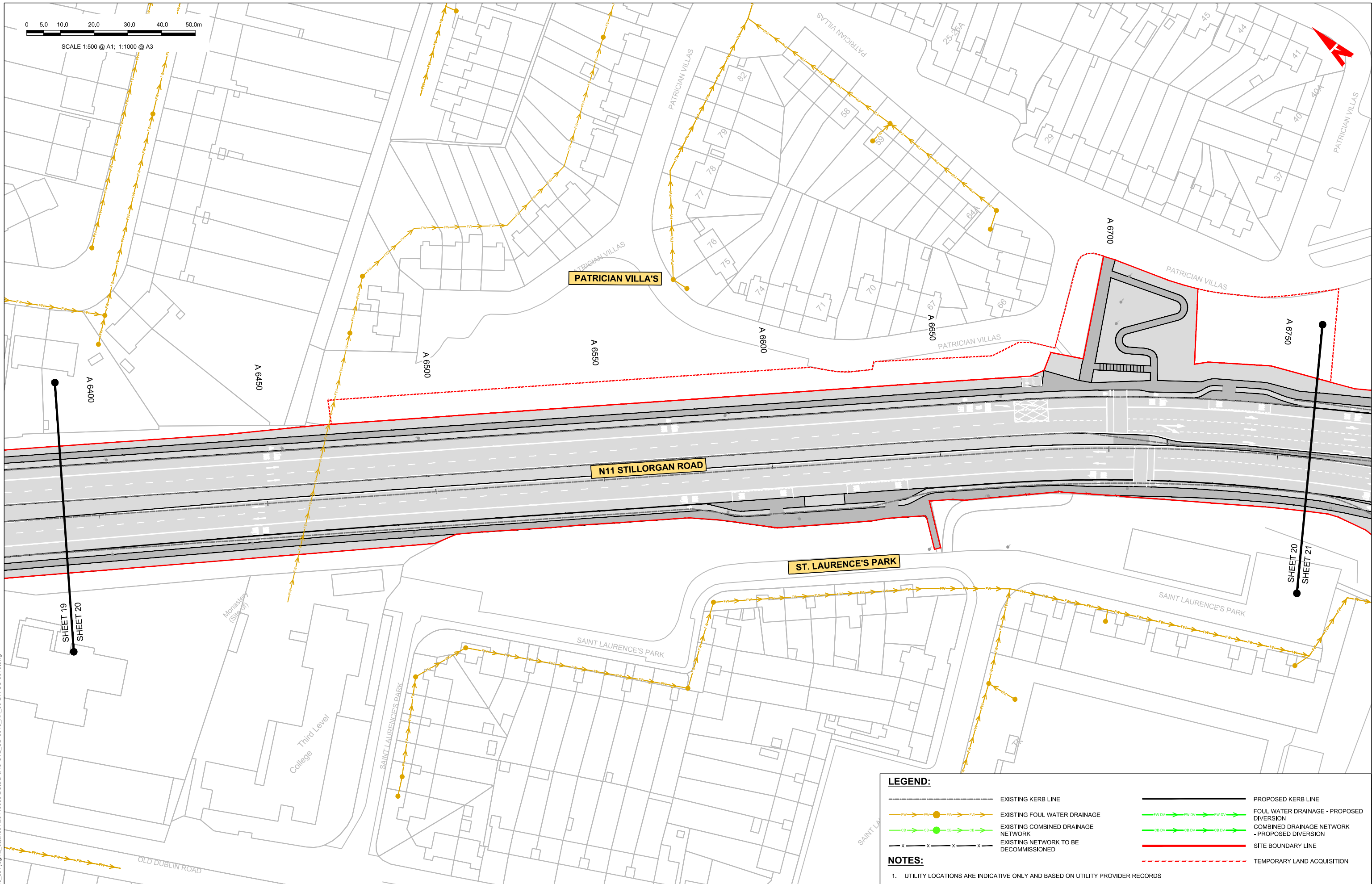
Project Code: BCIDB | Originator Code: JAC | QMS Code:

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW FOUL SEWER ASSET ALTERATIONS SHEET 19			
Drawing File Name BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0019	Sheet Number 19 of 54	Status A	Rev M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

0 5.0 10.0 20.0 30.0 40.0 50.0m

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



LEGEND:

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

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M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

Client
NTA
 Údarás Náisiúnta Iompair
 National Transport Authority

Engineering Designer
Jacobs

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

Drawing Title
 BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
 IW FOUL SEWER ASSET ALTERATIONS
 SHEET 20

Drawing File Name
 BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0020

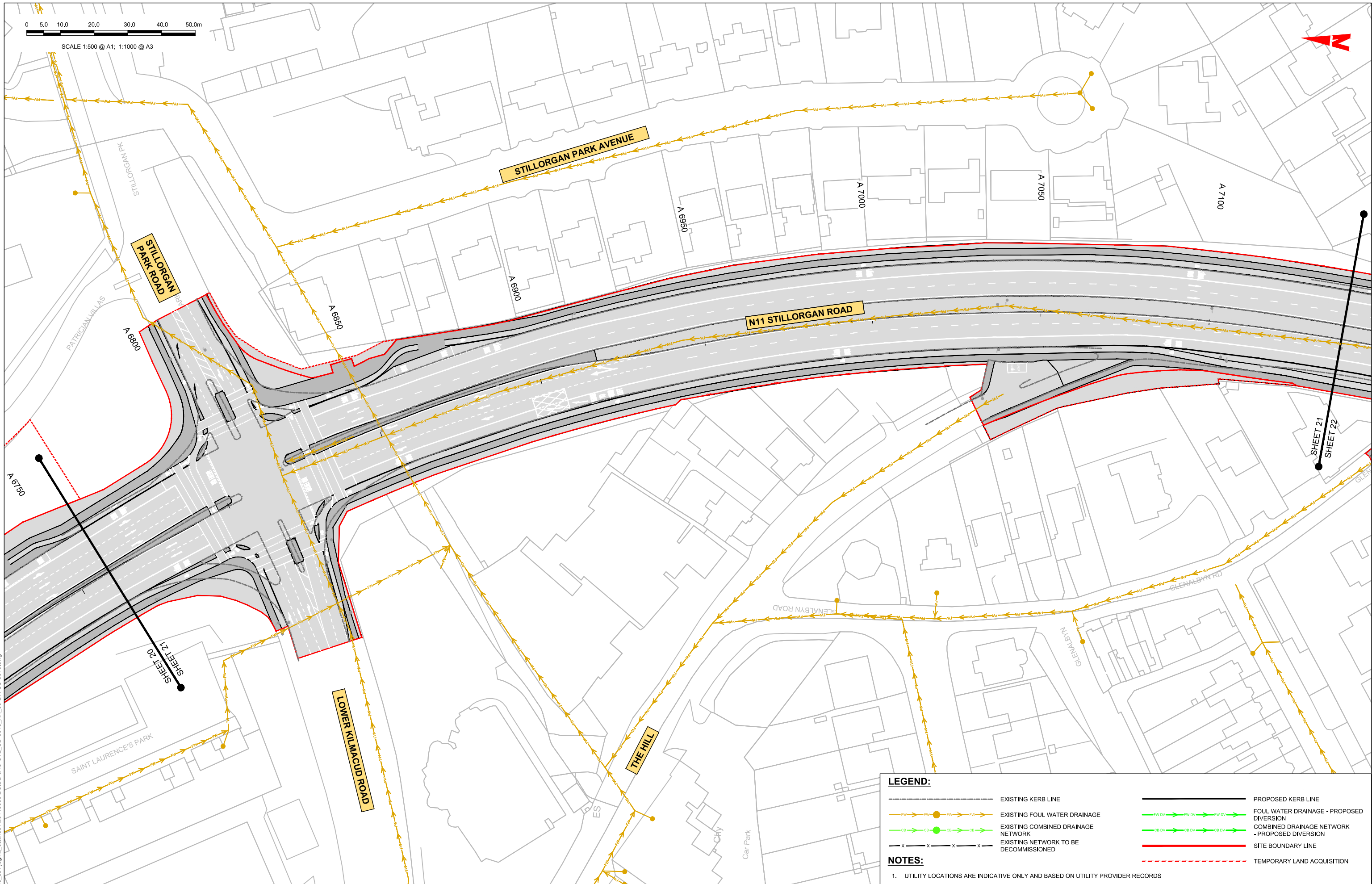
Sheet Number 20 of 54 | Status A | Rev M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



LEGEND:

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

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Rev	Date	Drn	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

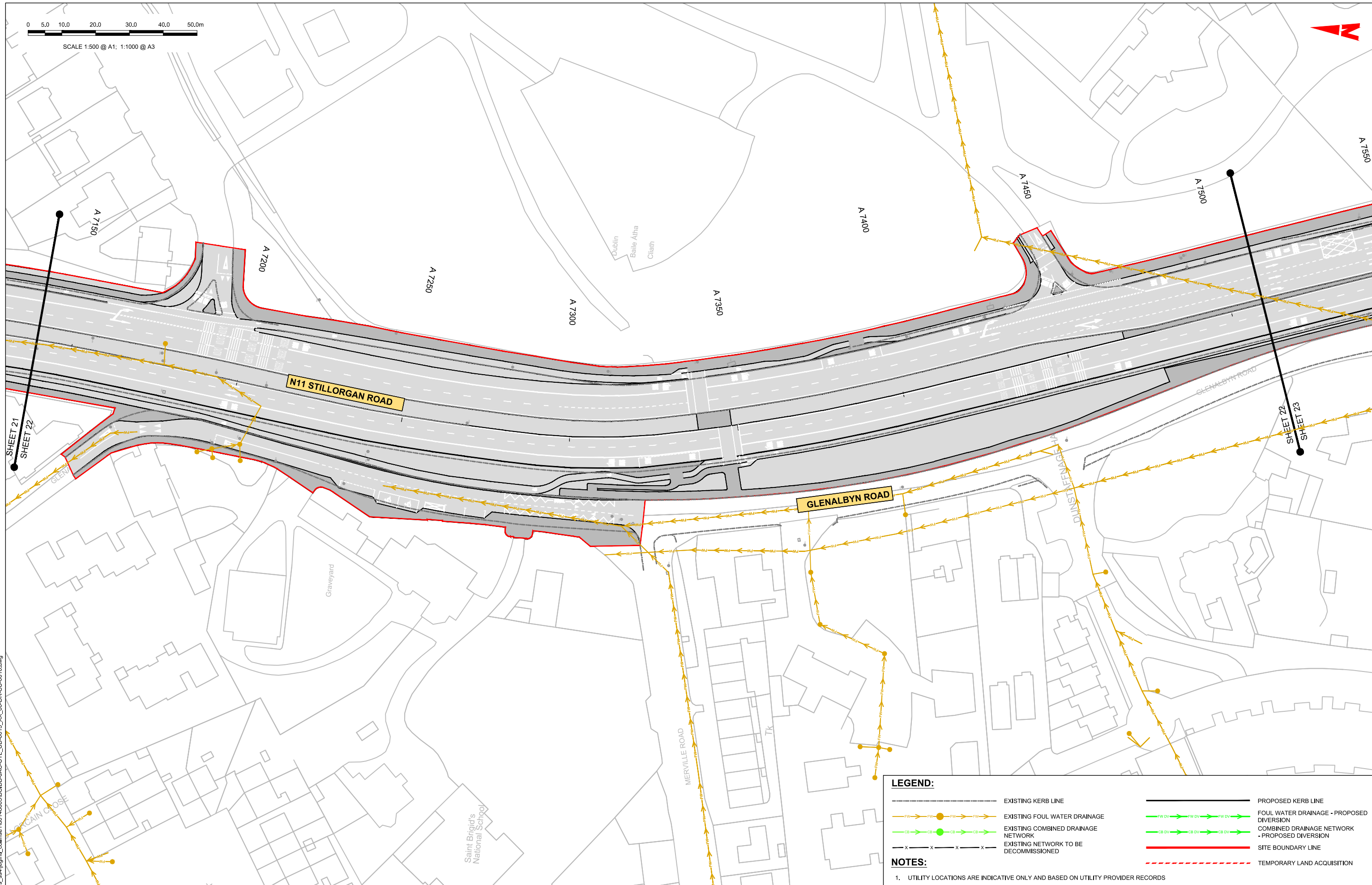
 Client		Engineering Designer 		
Date	Scale	Drawn	Checked	Approved
08/05/2023	1:500 @ A1 1:1000 @ A3	LH	DM	RS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW FOUL SEWER ASSET ALTERATIONS SHEET 21			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0021	21 of 54	A	M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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

NOTES:

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

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M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

Date: 08/05/2023
Scale: 1:500 @ A1
1:1000 @ A3

Project Code: BCIDB
Originator Code: JAC

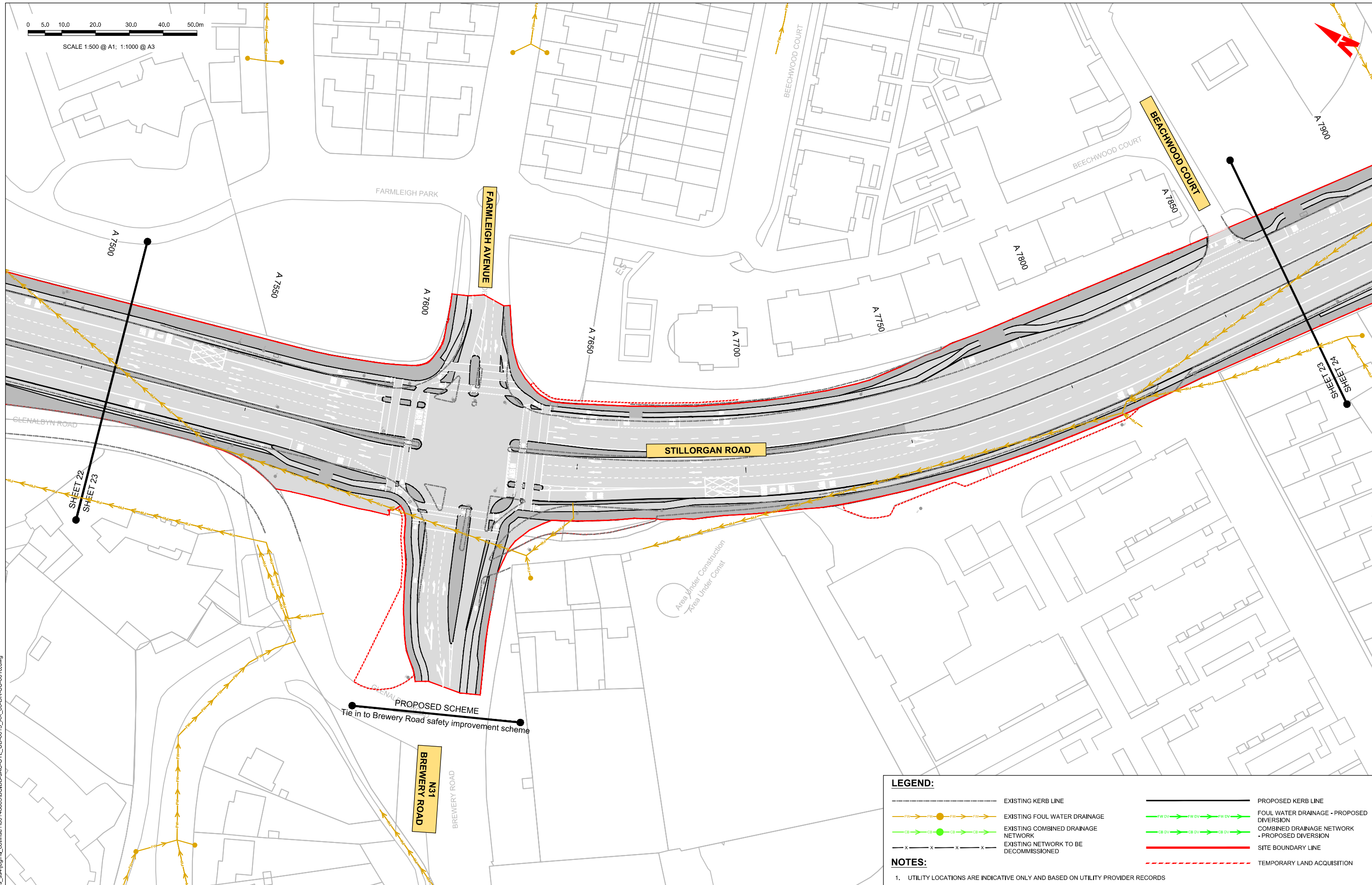
Engineering Designer: **Jacobs**

Drawn: LH
Checked: DM
Approved: RS

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW FOUL SEWER ASSET ALTERATIONS SHEET 22			
Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0022	Sheet Number: 22 of 54	Status: A	Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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

NOTES:

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Rev	Date	Drn	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date: 08/05/2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: LH | Checked: DM | Approved: RS

Project Code: BCIDB | Originator Code: JAC | QMS Code:

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

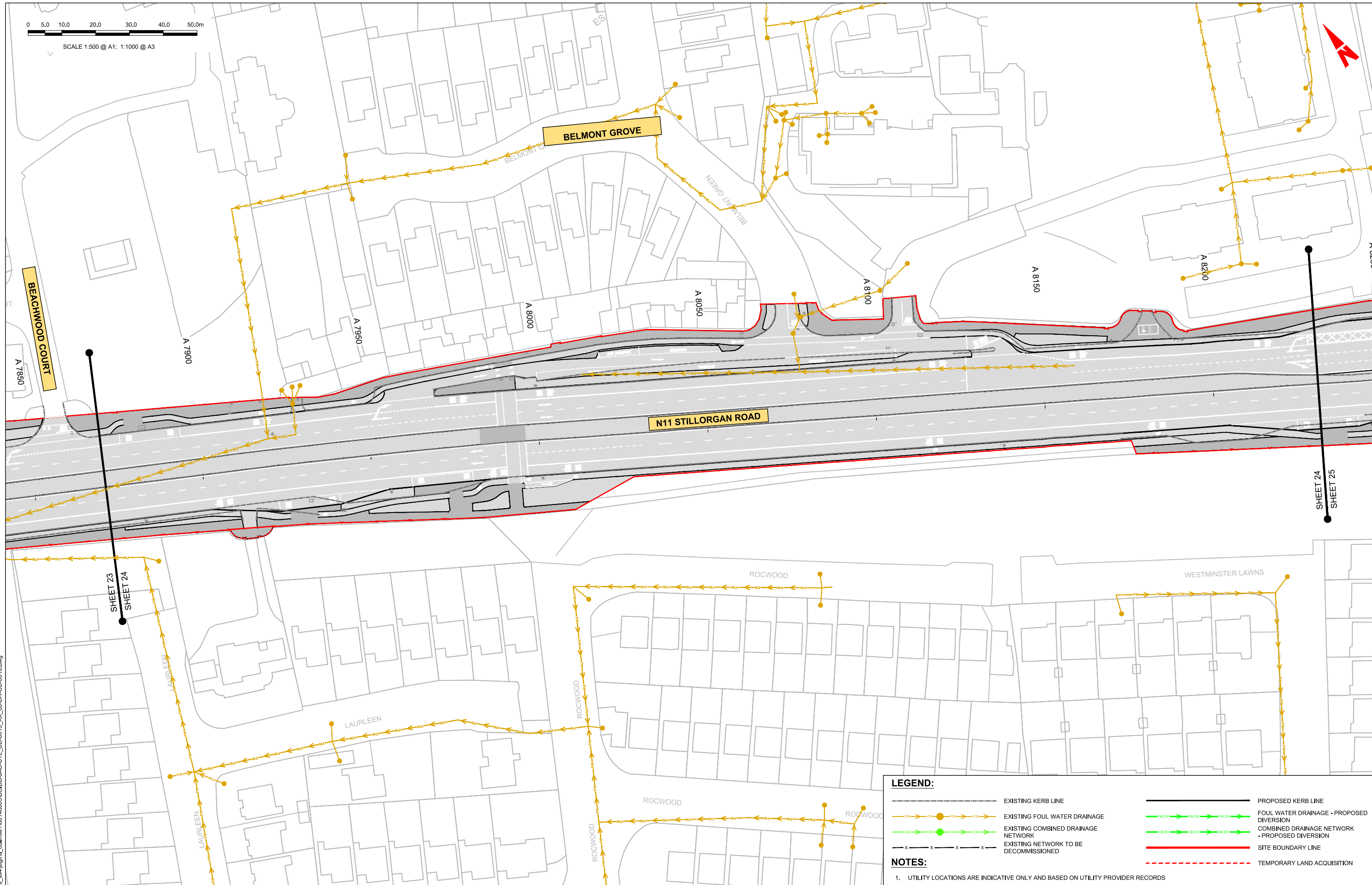
Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
IW FOUL SEWER ASSET ALTERATIONS
SHEET 23

Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0023 | Sheet Number: 23 of 54 | Status: A | Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

0 5.0 10.0 20.0 30.0 40.0 50.0m

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



LEGEND:

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

NOTES:

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M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

Client

NTA
Údarás Náisiúnta Iompair
National Transport Authority

Date: 08/05/2023
Scale: 1:500 @ A1
1:1000 @ A3

Project Code: BCIDB
Originator Code: JAC

Engineering Designer

Jacobs

Drawn: LH
Checked: DM
Approved: RS

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

Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
IW FOUL SEWER ASSET ALTERATIONS
SHEET 24

Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0024

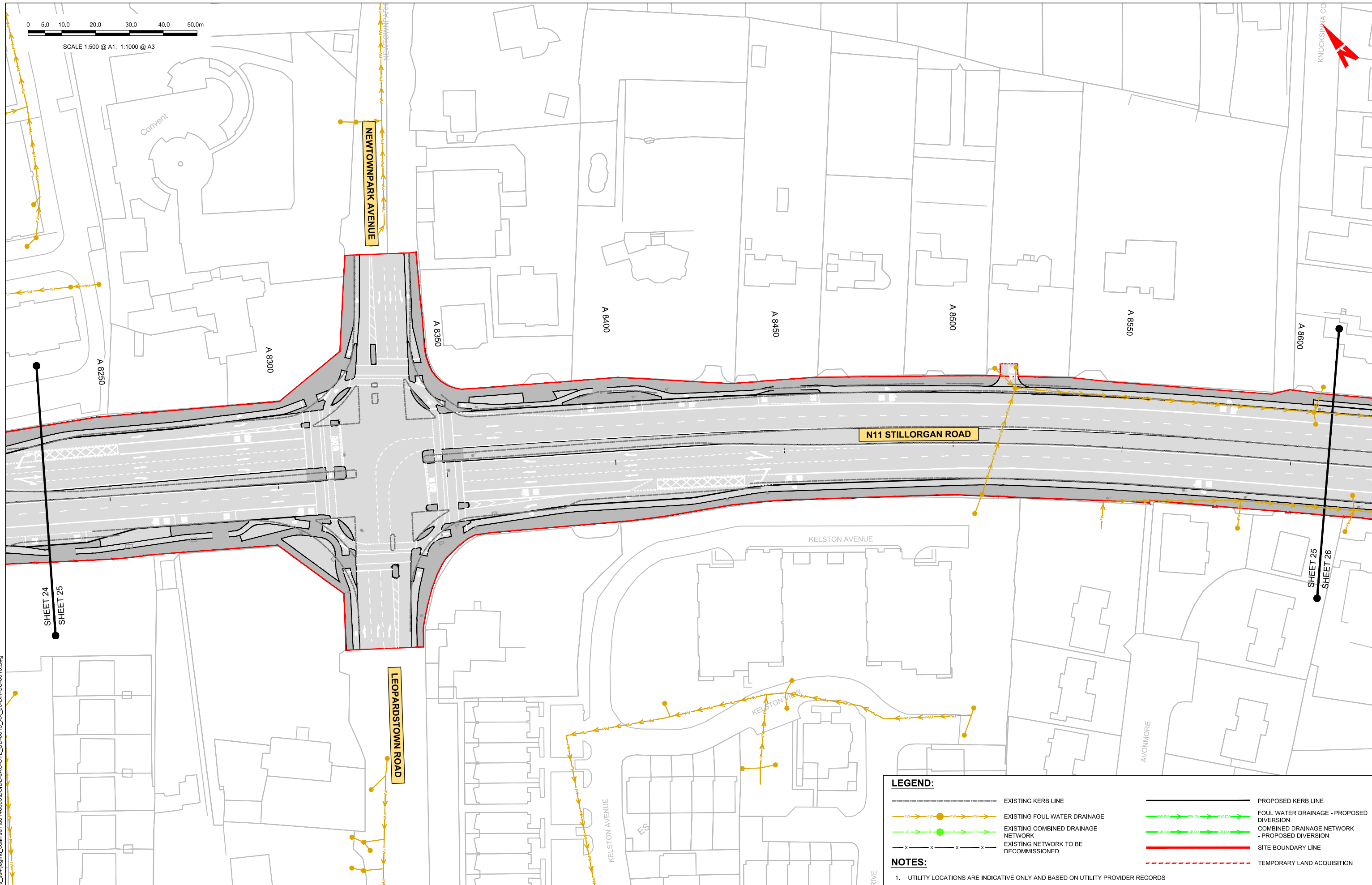
Sheet Number: 24 of 54
Status: A
Rev: M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



LEGEND:

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

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

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Client

NTA
 Údarás Náisiúnta Iompair
 National Transport Authority

Date: 08/05/2023
 Scale: 1:500 @ A1
 1:1000 @ A3

Project Code: BCIDB
 Originator Code: JAC

Engineering Designer

Jacobs

Drawn: LH
 Checked: DM
 Approved: RS

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

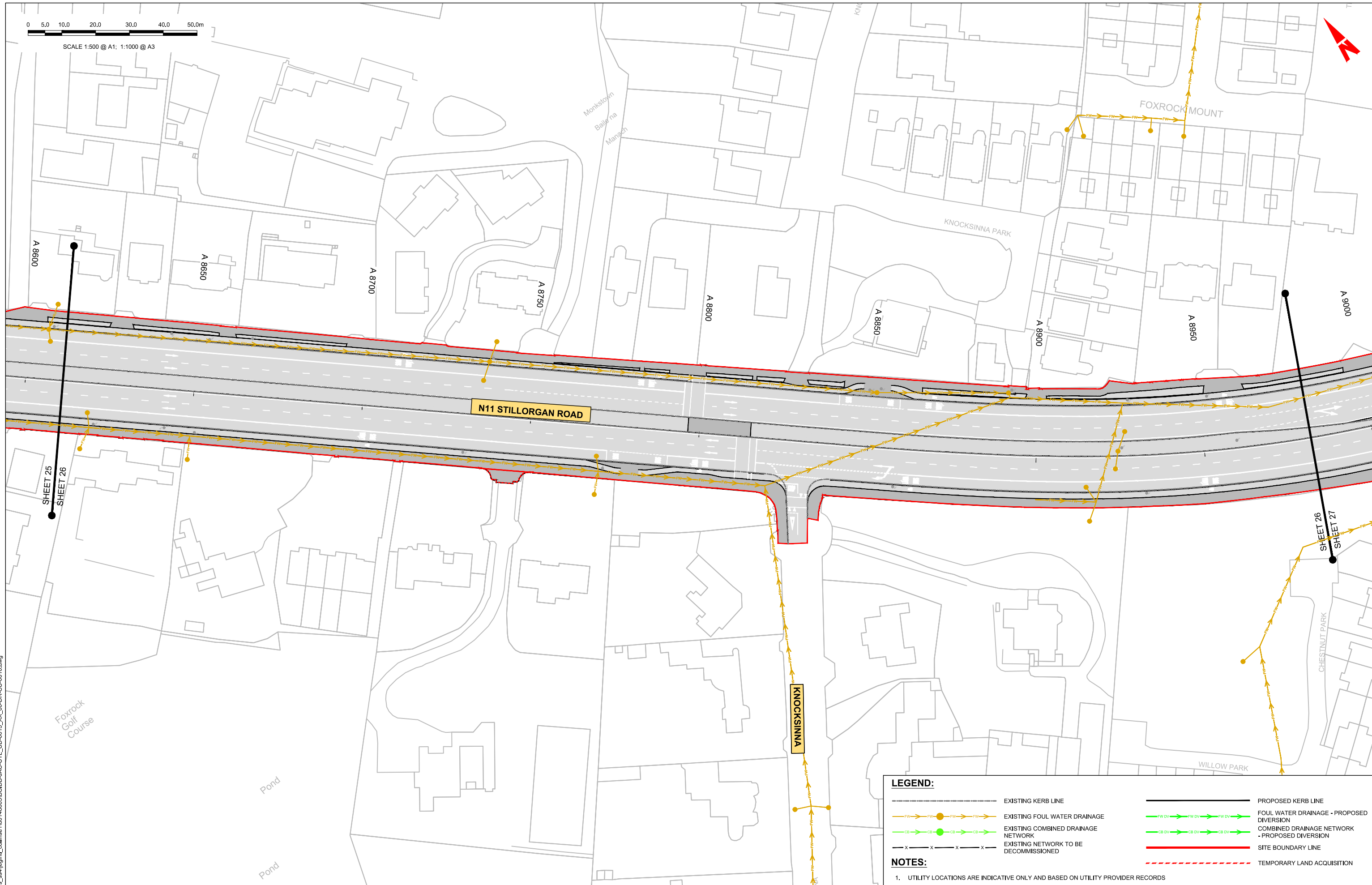
Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
 IW FOUL SEWER ASSET ALTERATIONS
 SHEET 25

Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0025
 Sheet Number: 25 of 54
 Status: A
 Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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

NOTES:

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Disclaimer

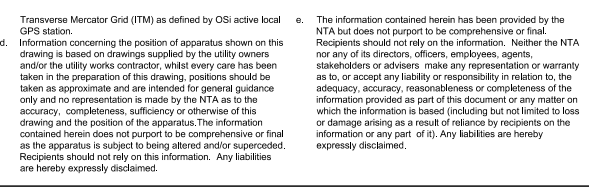
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Client

NTA
Údarás Náisiúnta Iompair
National Transport Authority

Date: 08/05/2023
Scale: 1:500 @ A1
1:1000 @ A3

Project Code: BCIDB
Originator Code: JAC

Engineering Designer

Jacobs

Drawn: LH
Checked: DM
Approved: RS

Programme Title

**BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title

BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
IW FOUL SEWER ASSET ALTERATIONS
SHEET 26

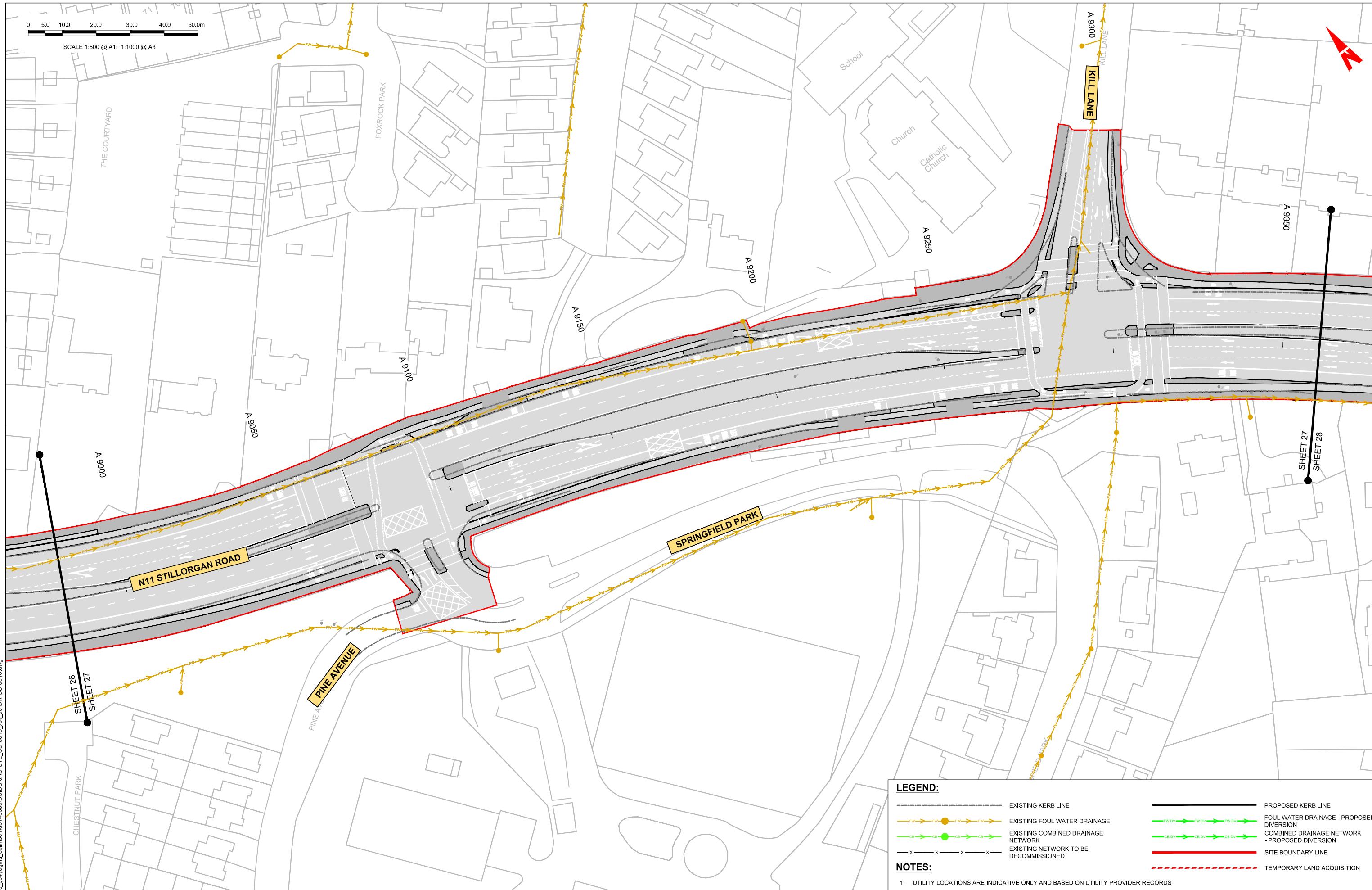
Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0026
Sheet Number: 26 of 54
Status: A
Rev: M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



LEGEND:

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

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M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

Date: 08/05/2023
Scale: 1:500 @ A1
1:1000 @ A3

Project Code: BCIDB
Originator Code: JAC

Engineering Designer: **Jacobs**

Drawn: LH
Checked: DM
Approved: RS

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

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
IW FOUL SEWER ASSET ALTERATIONS
SHEET 27**

Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0027

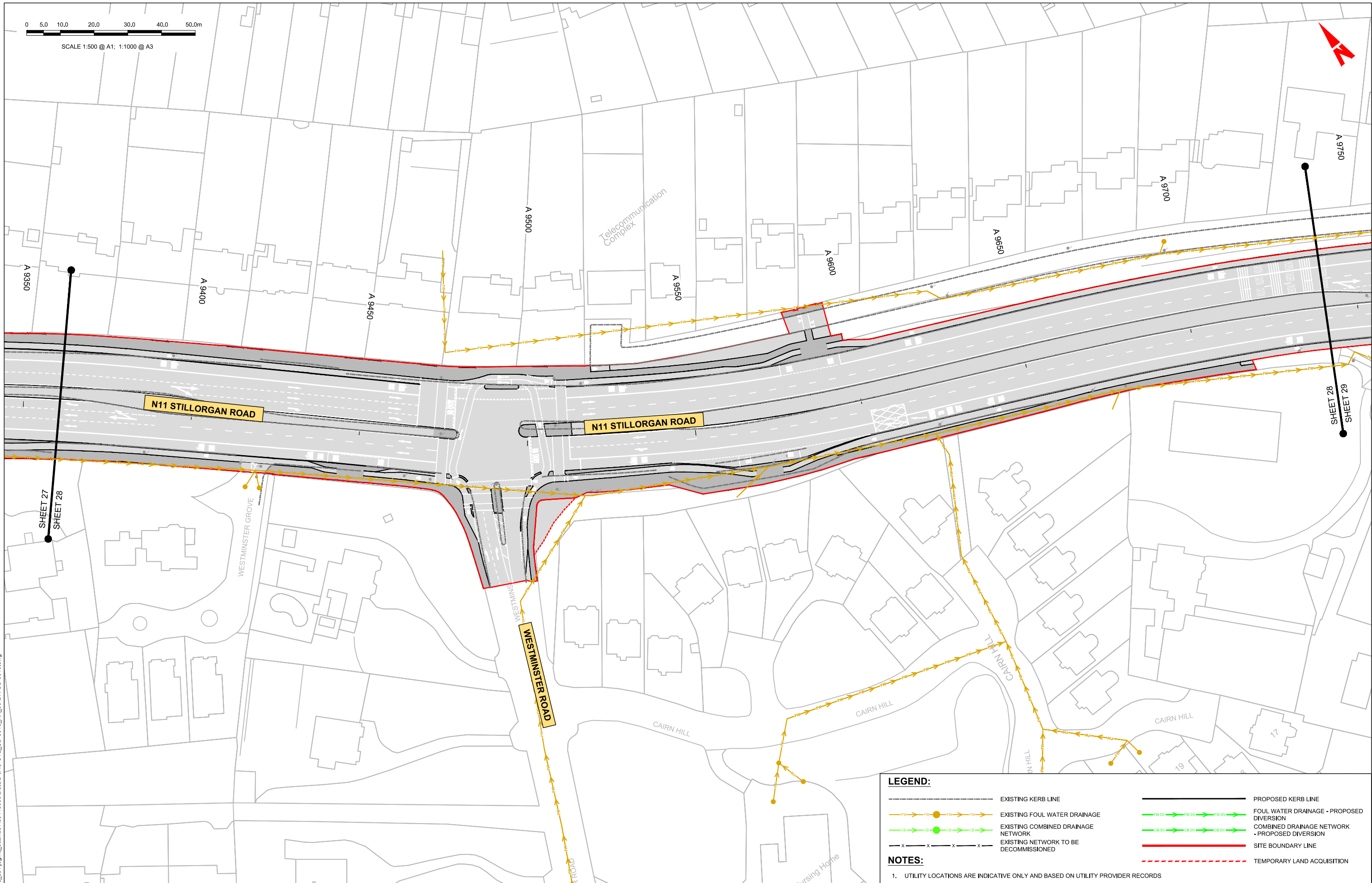
Sheet Number: 27 of 54
Status: A
Rev: M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



LEGEND:

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

NOTES:

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Rev	Date	Drm	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

Client NTA Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer Jacobs		
Date 08/05/2023	Scale 1:500 @ A1 1:1000 @ A3	Drawn LH	Checked DM	Approved RS
Project Code BCIDB	Originator Code JAC	QMS Code		

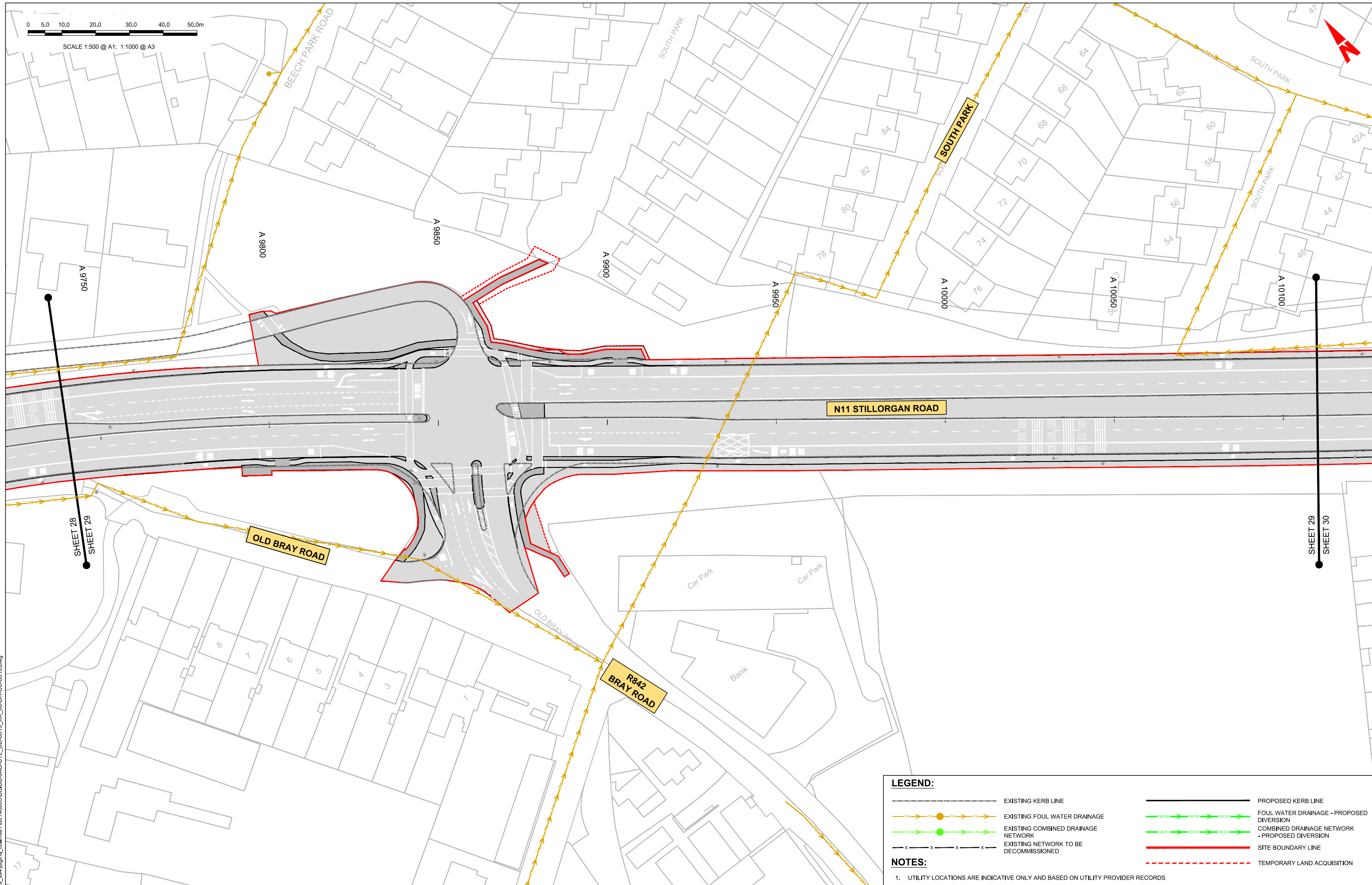
Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW FOUL SEWER ASSET ALTERATIONS SHEET 28			
Drawing File Name BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0028	Sheet Number 28 of 54	Status A	Rev M01

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C:\pwworking\jacobs_uk_highways_ss4\legintl_collinse1\ud048606\BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0016.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
- EXISTING FOUL WATER DRAINAGE
- FOUL WATER DRAINAGE - PROPOSED DIVERSION
- EXISTING COMBINED DRAINAGE NETWORK
- COMBINED DRAINAGE NETWORK - PROPOSED DIVERSION
- EXISTING NETWORK TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

NOTES:

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

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Rev	Date	Drn	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

Client

NTA
Údarás Náisiúnta Iompair
National Transport Authority

Date: 08/05/2023
Scale: 1:500 @ A1
1:1000 @ A3

Project Code: BCIDB
Originator Code: JAC

Engineering Designer

Jacobs

Drawn: LH
Checked: DM
Approved: RS

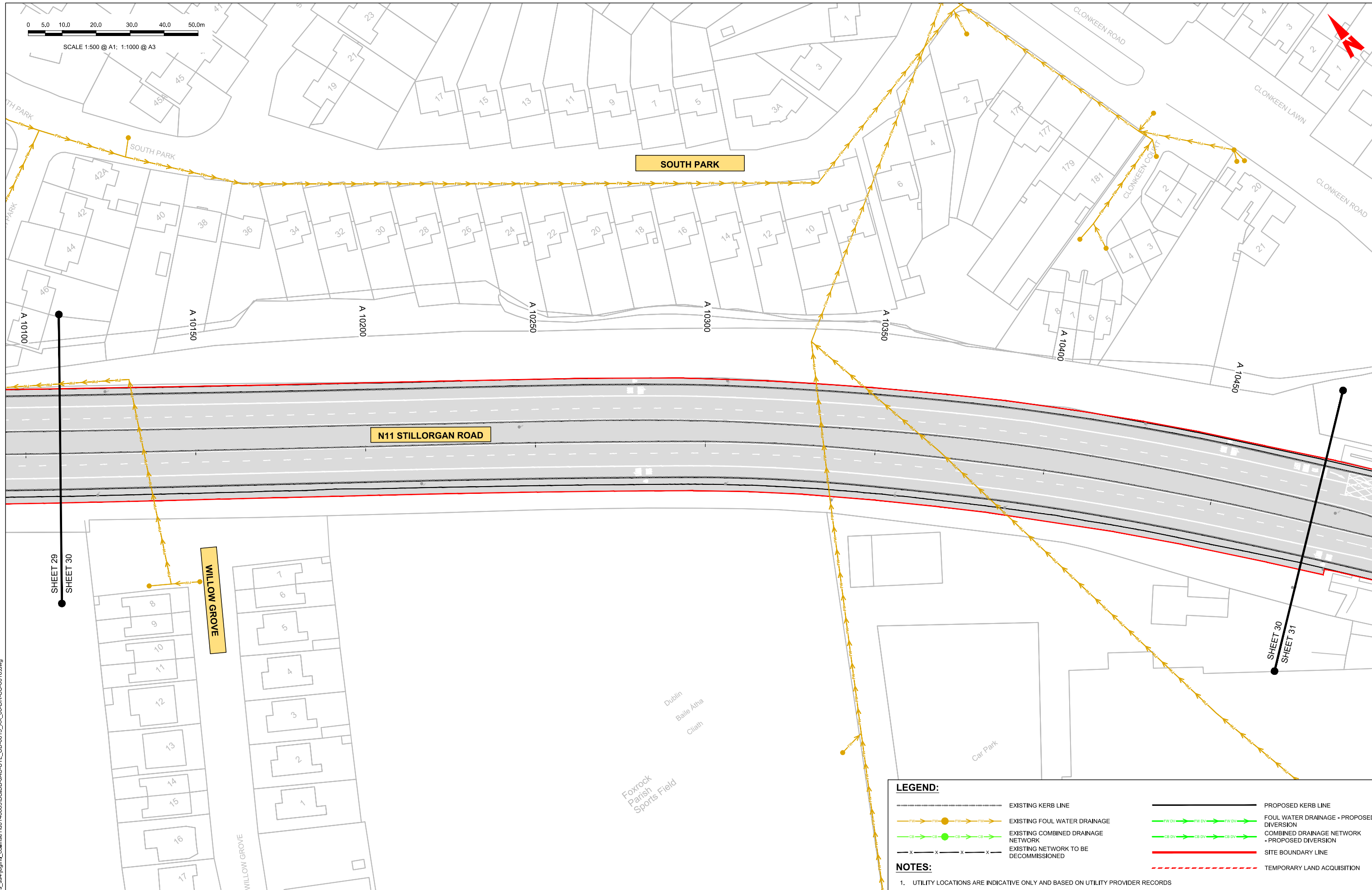
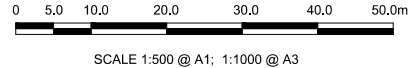
Programme Title: **BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
IW FOUL SEWER ASSET ALTERATIONS
SHEET 29**

Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0029

Sheet Number: 29 of 54
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
- EXISTING NETWORK TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

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Rev	Date	Drn	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

Date: 08/05/2023
 Scale: 1:500 @ A1
 1:1000 @ A3

Project Code: BCIDB
 Originator Code: JAC

Engineering Designer: **Jacobs**

Drawn: LH
 Checked: DM
 Approved: RS

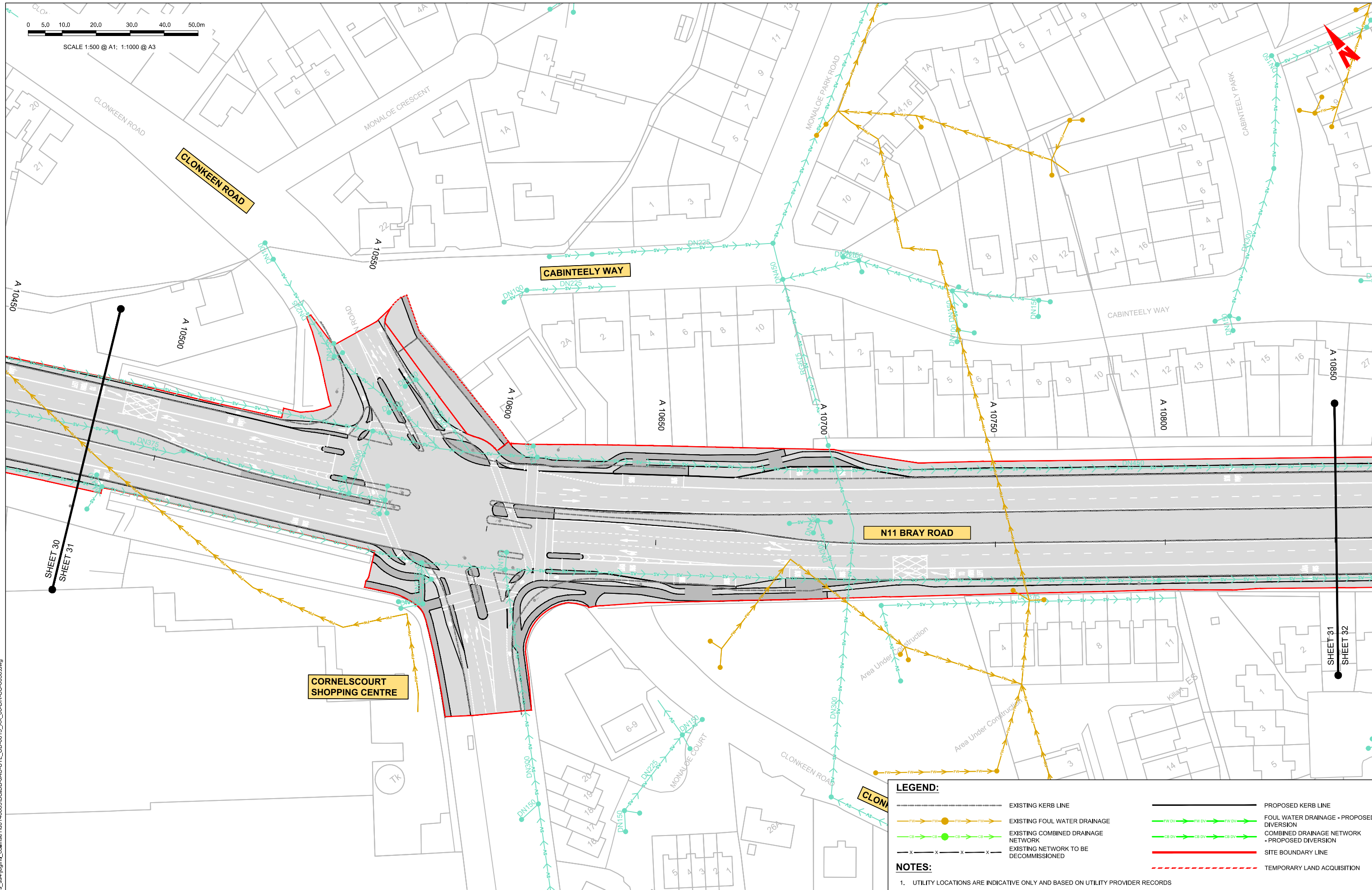
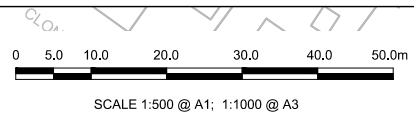
Programme Title: **BUSCONNECTS DUBLIN**
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
 IW FOUL SEWER ASSET ALTERATIONS
 SHEET 30

Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0030
 Sheet Number: 30 of 54
 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
- EXISTING NETWORK TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

NOTES:

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Rev	Date	Drn	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

Date: 08/05/2023
 Scale: 1:500 @ A1
 1:1000 @ A3

Project Code: BCIDB
 Originator Code: JAC

Engineering Designer: **Jacobs**

Drawn: LH
 Checked: DM
 Approved: RS

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

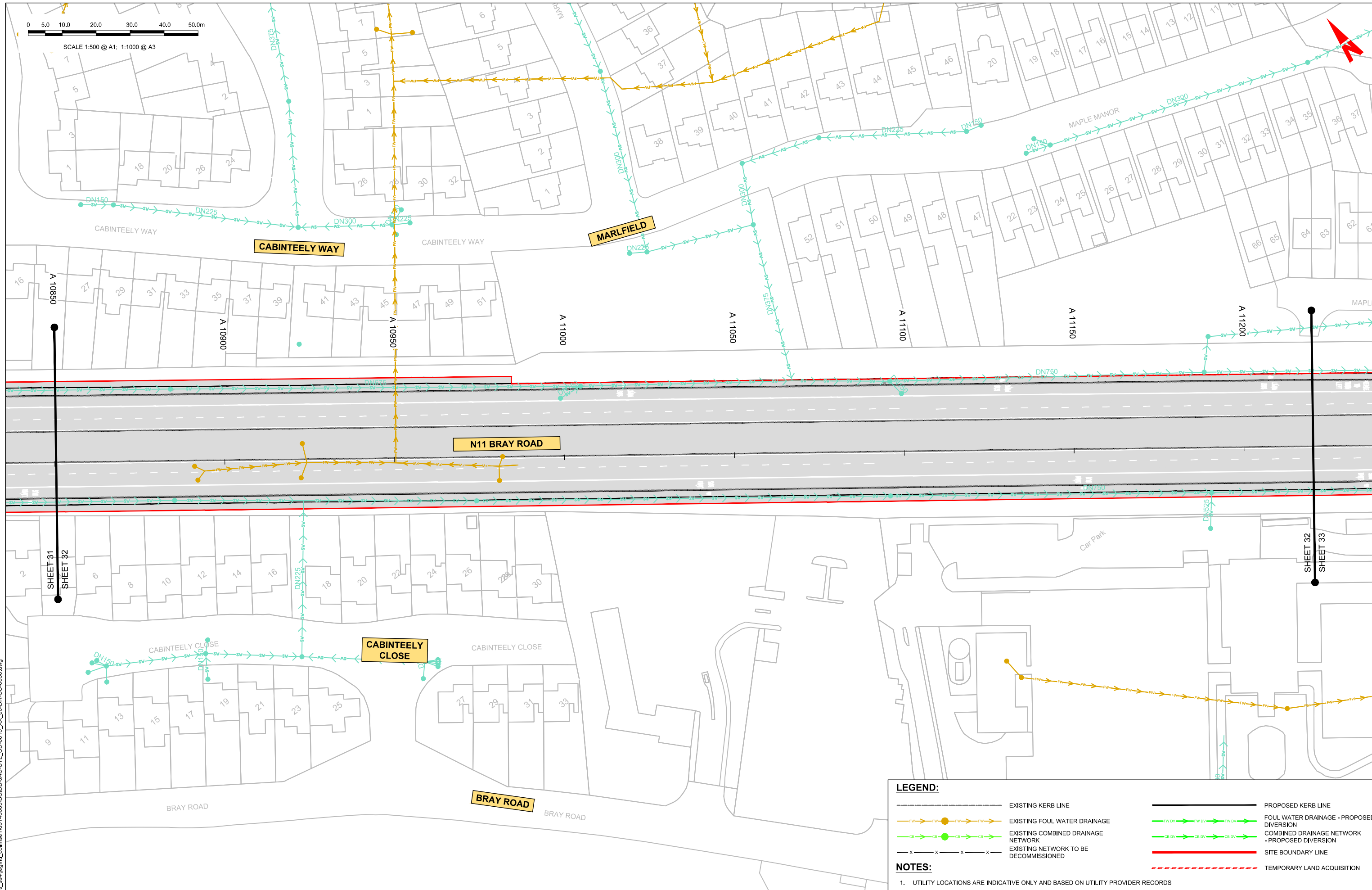
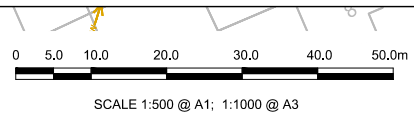
Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
 IW FOUL SEWER ASSET ALTERATIONS
 SHEET 31**

Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0031

Sheet Number: 31 of 54
 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
- EXISTING NETWORK TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

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Rev	Date	Drn	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

Client

NTA
Údarás Náisiúnta Iompair
National Transport Authority

Date: 08/05/2023
Scale: 1:500 @ A1
1:1000 @ A3

Project Code: BCIDB
Originator Code: JAC

Engineering Designer

Jacobs

Drawn: LH
Checked: DM
Approved: RS

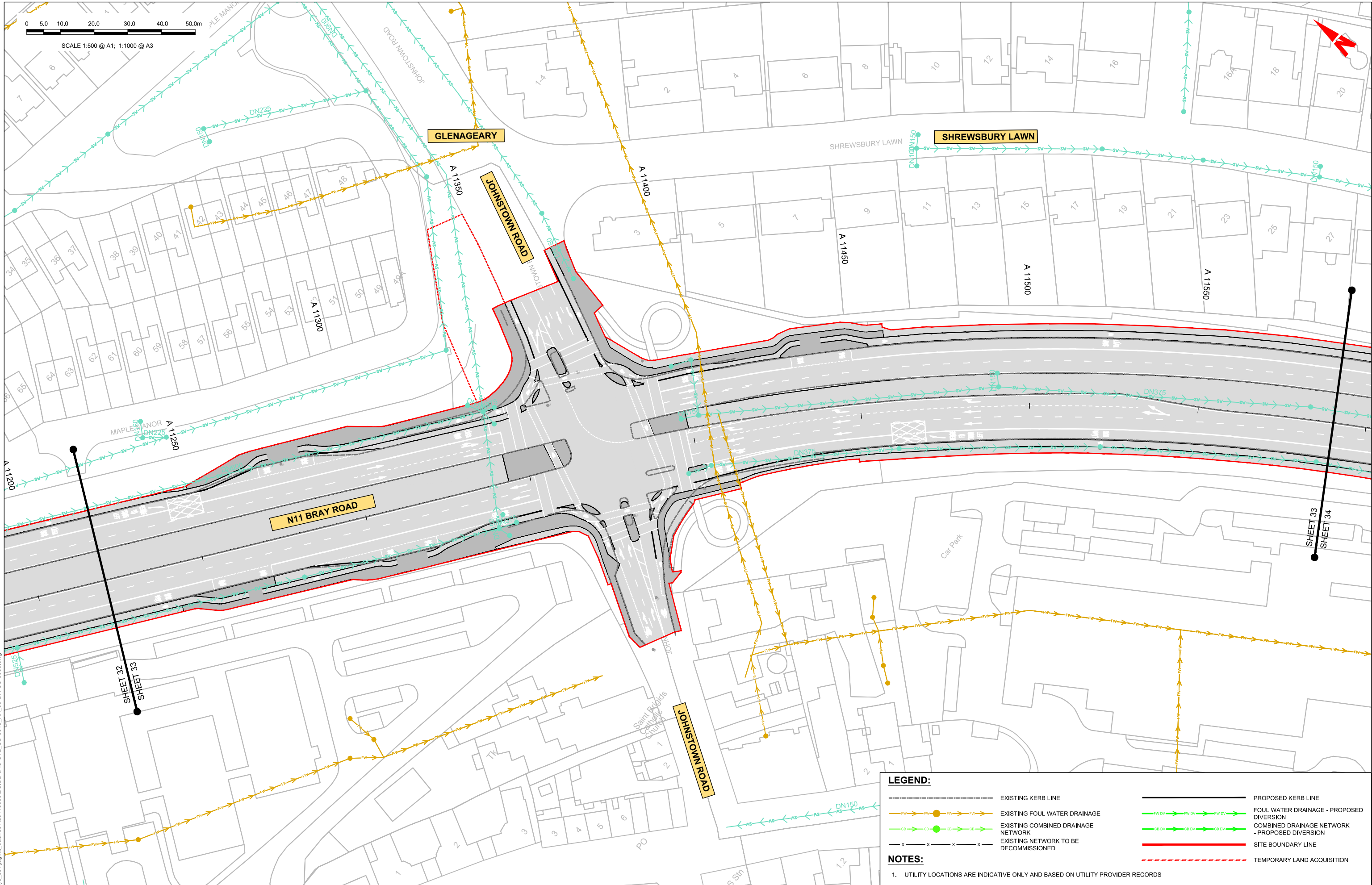
Programme Title: **BUSCONNECTS DUBLIN**
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
IW FOUL SEWER ASSET ALTERATIONS
SHEET 32

Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0032
Sheet Number: 32 of 54
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
- EXISTING NETWORK TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

NOTES:

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Rev	Date	Drn	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

Client

NTA
Ódarás Náisiúnta Iompair
National Transport Authority

Date: 08/05/2023
Scale: 1:500 @ A1
1:1000 @ A3

Project Code: BCIDB
Originator Code: JAC

Engineering Designer

Jacobs

Drawn: LH
Checked: DM
Approved: RS

Programme Title

**BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

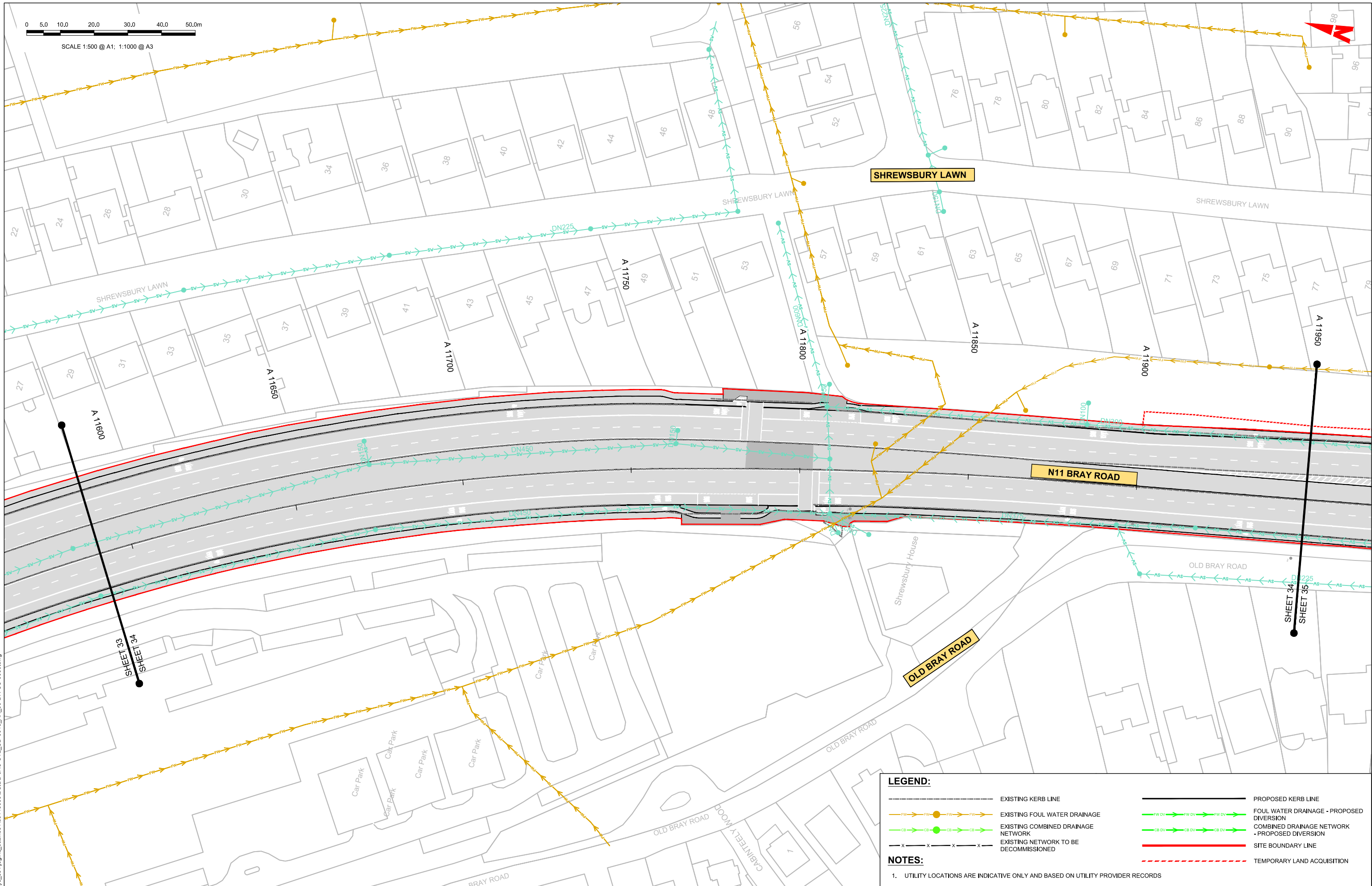
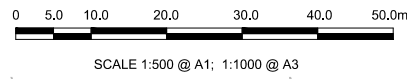
Drawing Title

BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
IW FOUL SEWER ASSET ALTERATIONS
SHEET 33

Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0033

Sheet Number: 33 of 54
Status: A
Rev: M01

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LEGEND:

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

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Rev	Date	Drn	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

Client

NTA
Ódarás Náisiúnta Iompair
National Transport Authority

Date: 08/05/2023
Scale: 1:500 @ A1
1:1000 @ A3

Project Code: BCIDB
Originator Code: JAC

Engineering Designer

Jacobs

Drawn: LH
Checked: DM
Approved: RS

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

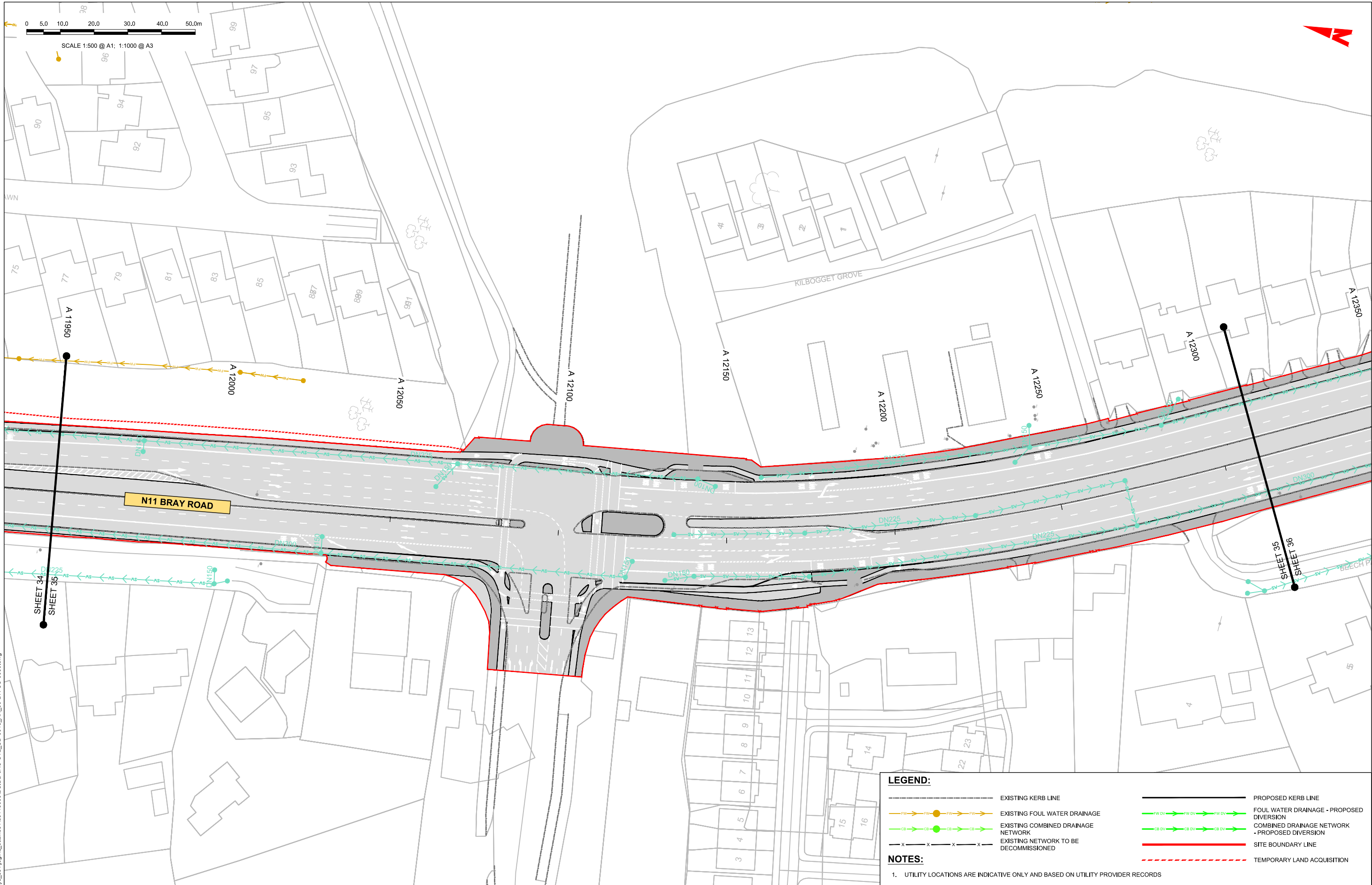
Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
IW FOUL SEWER ASSET ALTERATIONS
SHEET 34

Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0034

Sheet Number: 34 of 54
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
- EXISTING NETWORK TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

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Rev	Date	Drn	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

Client

Date: 08/05/2023
Project Code: BCIDB

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

Originator Code: JAC

Engineering Designer

Drawn: LH
Checked: DM
Approved: RS

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

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW FOUL SEWER ASSET ALTERATIONS SHEET 35**

Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0035

Sheet Number: 35 of 54

Status: A

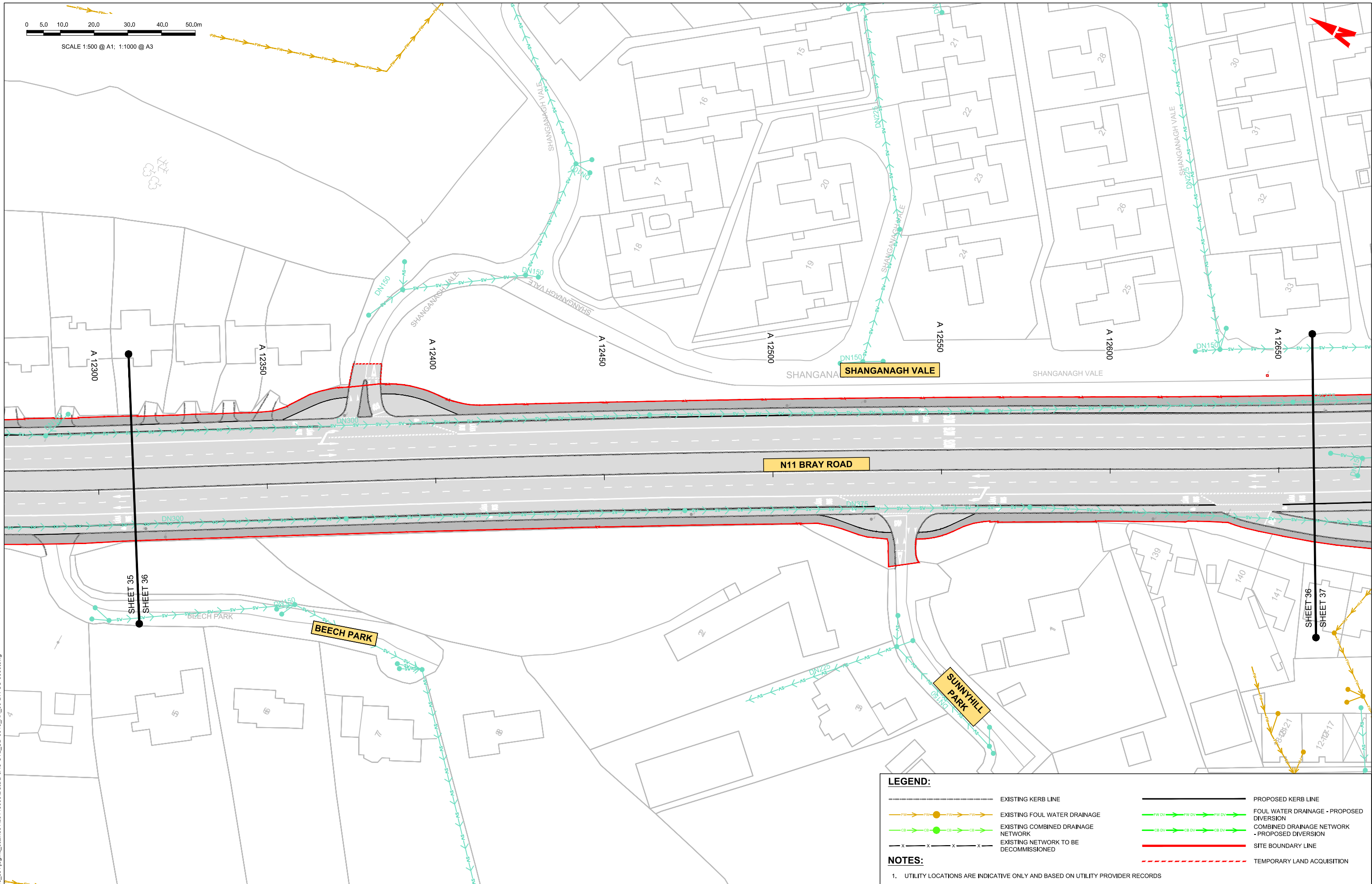
Rev: M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



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
- EXISTING NETWORK TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

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Rev	Date	Drm	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date: 08/05/2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: LH, Checked: DM, Approved: RS

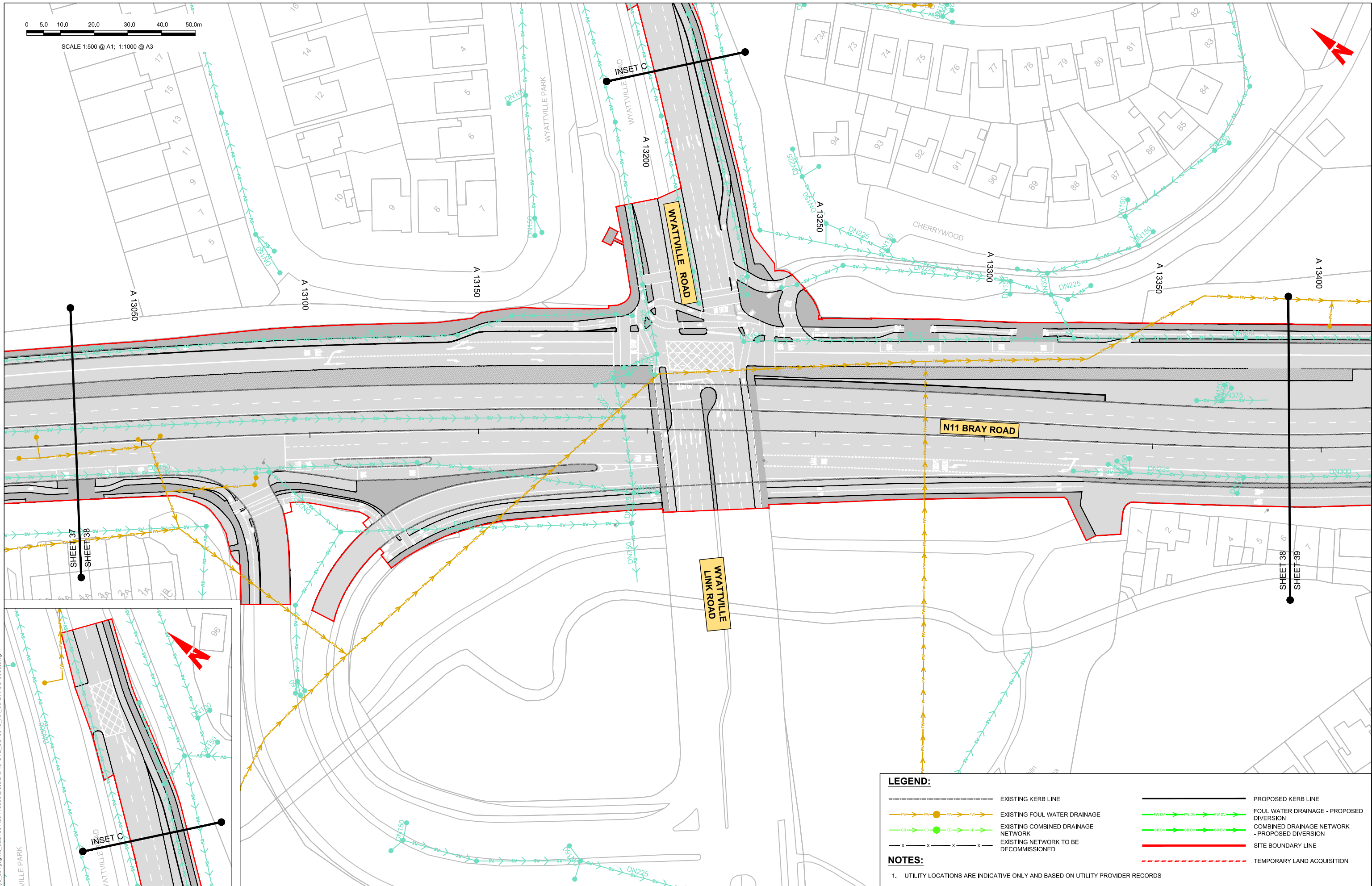
Project Code: BCIDB | Originator Code: JAC | QMS Code:

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW FOUL SEWER ASSET ALTERATIONS SHEET 36			
Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0036	Sheet Number: 36 of 54	Status: A	Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

0 5.0 10.0 20.0 30.0 40.0 50.0m

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



LEGEND:

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

NOTES:

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

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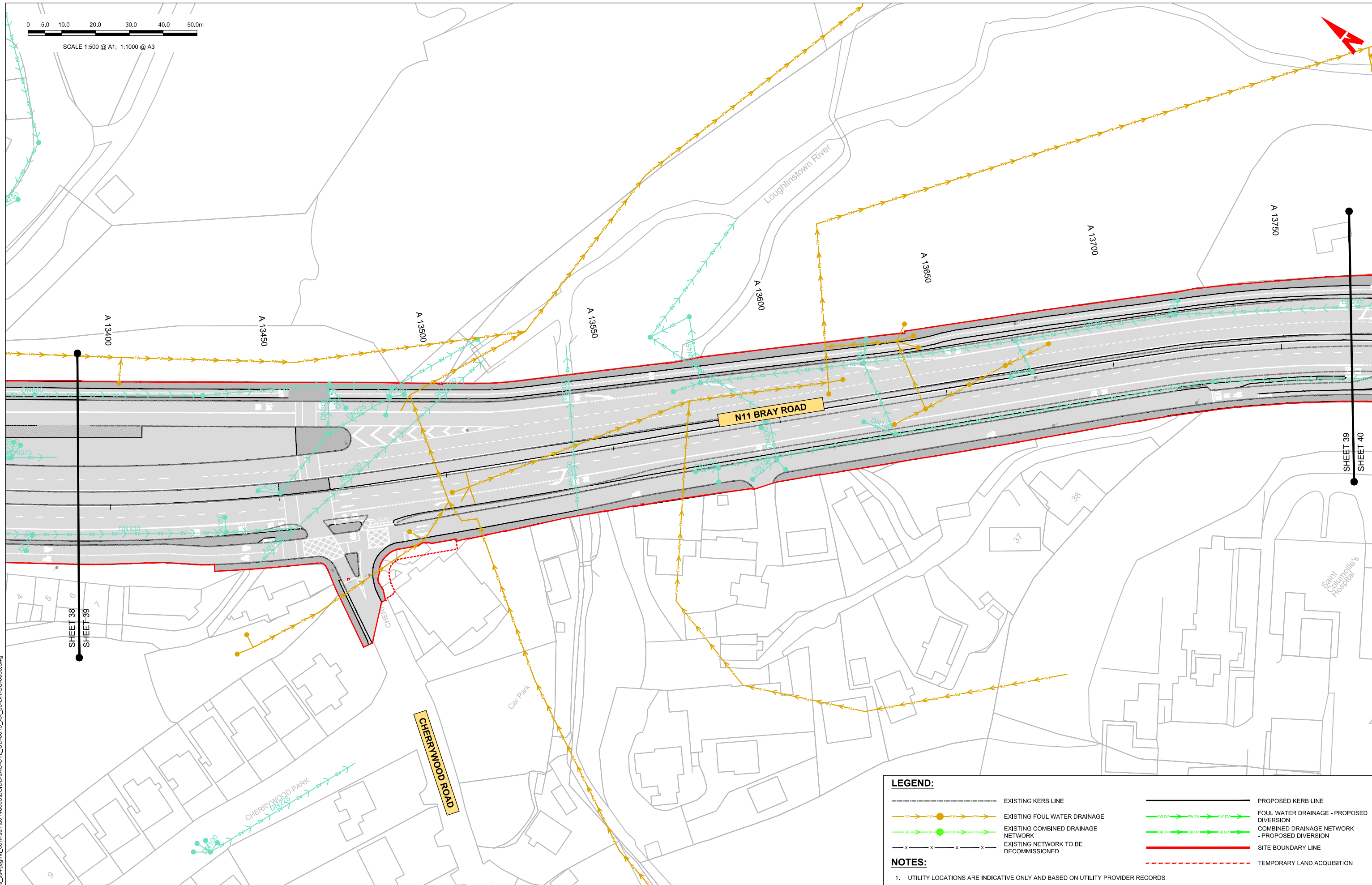
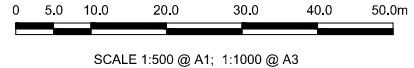


Rev	Date	Drn	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

Date	Scale	Drawn	Checked	Approved
08/05/2023	1:500 @ A1 1:1000 @ A3	LH	DM	RS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW FOUL SEWER ASSET ALTERATIONS SHEET 38			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0038	38 of 54	A	M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



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
- EXISTING NETWORK TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

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Rev	Date	Drm	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

Date: 08/05/2023
 Scale: 1:500 @ A1
 1:1000 @ A3

Project Code: BCIDB
 Originator Code: JAC

Engineering Designer: **Jacobs**

Drawn: LH
 Checked: DM
 Approved: RS

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

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
 IW FOUL SEWER ASSET ALTERATIONS
 SHEET 39**

Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0039

Sheet Number: 39 of 54
 Status: A
 Rev: M01

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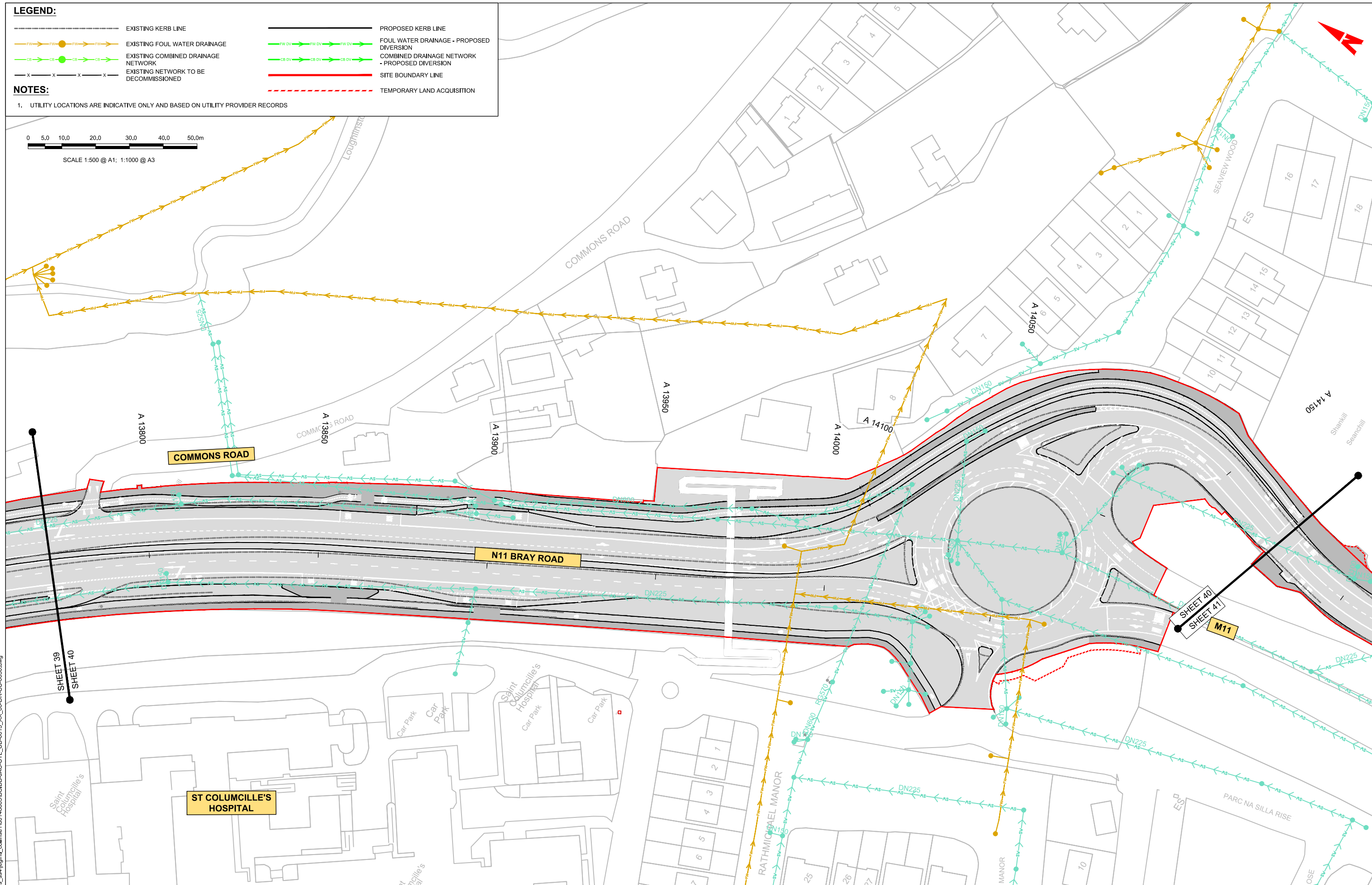
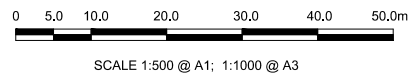
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LEGEND:

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

NOTES:

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M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

Date: 08/05/2023
 Scale: 1:500 @ A1
 1:1000 @ A3

Project Code: BCIDB
 Originator Code: JAC

Engineering Designer: **Jacobs**

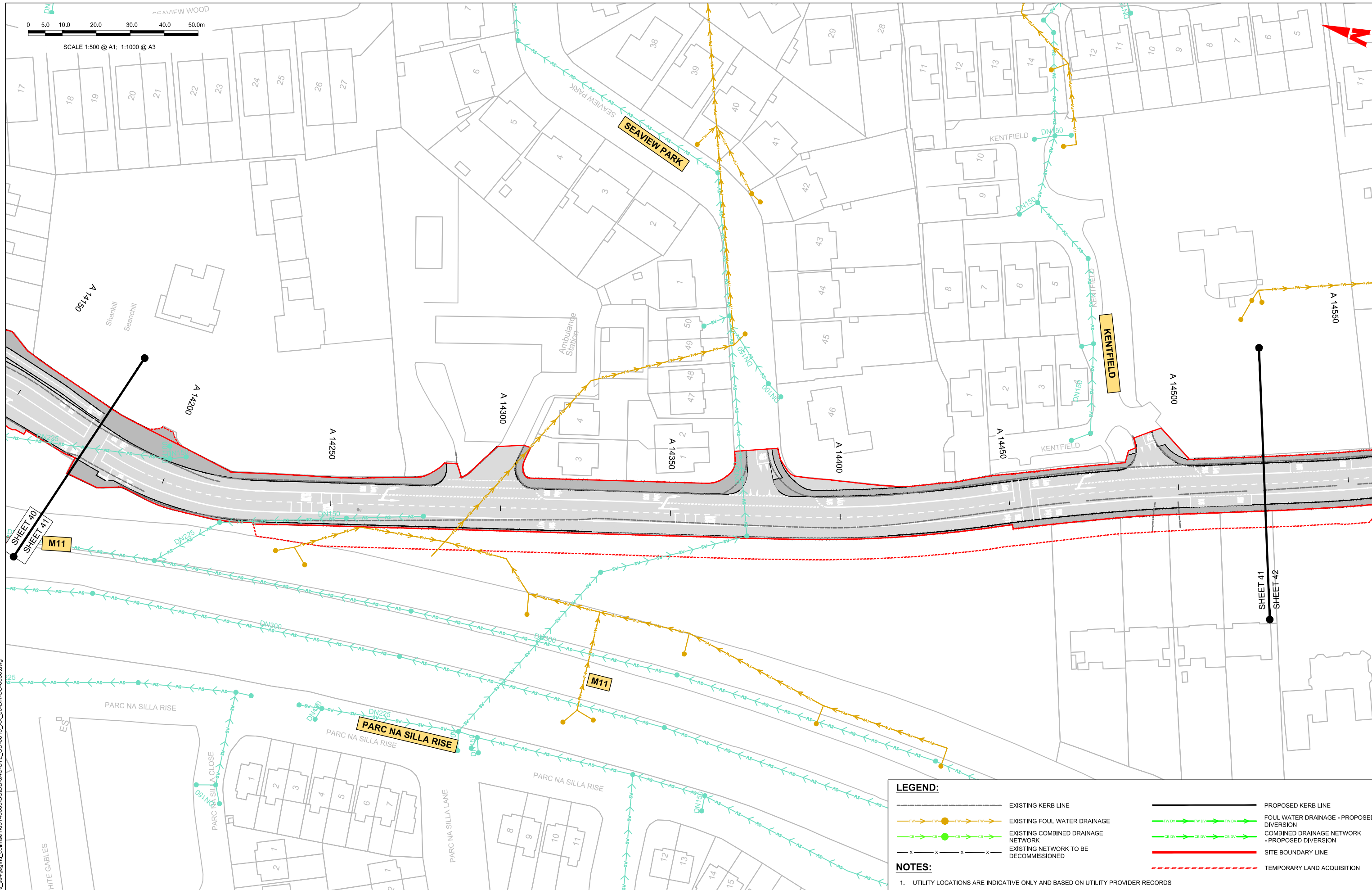
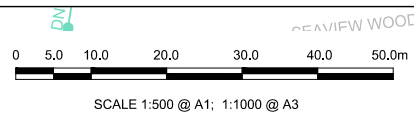
Drawn: LH
 Checked: DM
 Approved: RS

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

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME**
IW FOUL SEWER ASSET ALTERATIONS
 SHEET 40

Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0040
 Sheet Number: 40 of 54
 Status: A
 Rev: M01

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LEGEND:

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

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Rev	Date	Drn	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

Date: 08/05/2023
Scale: 1:500 @ A1
1:1000 @ A3

Project Code: BCIDB
Originator Code: JAC

Engineering Designer: **Jacobs**

Drawn: LH
Checked: DM
Approved: RS

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

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
IW FOUL SEWER ASSET ALTERATIONS
SHEET 41**

Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0041

Sheet Number: 41 of 54
Status: A
Rev: M01

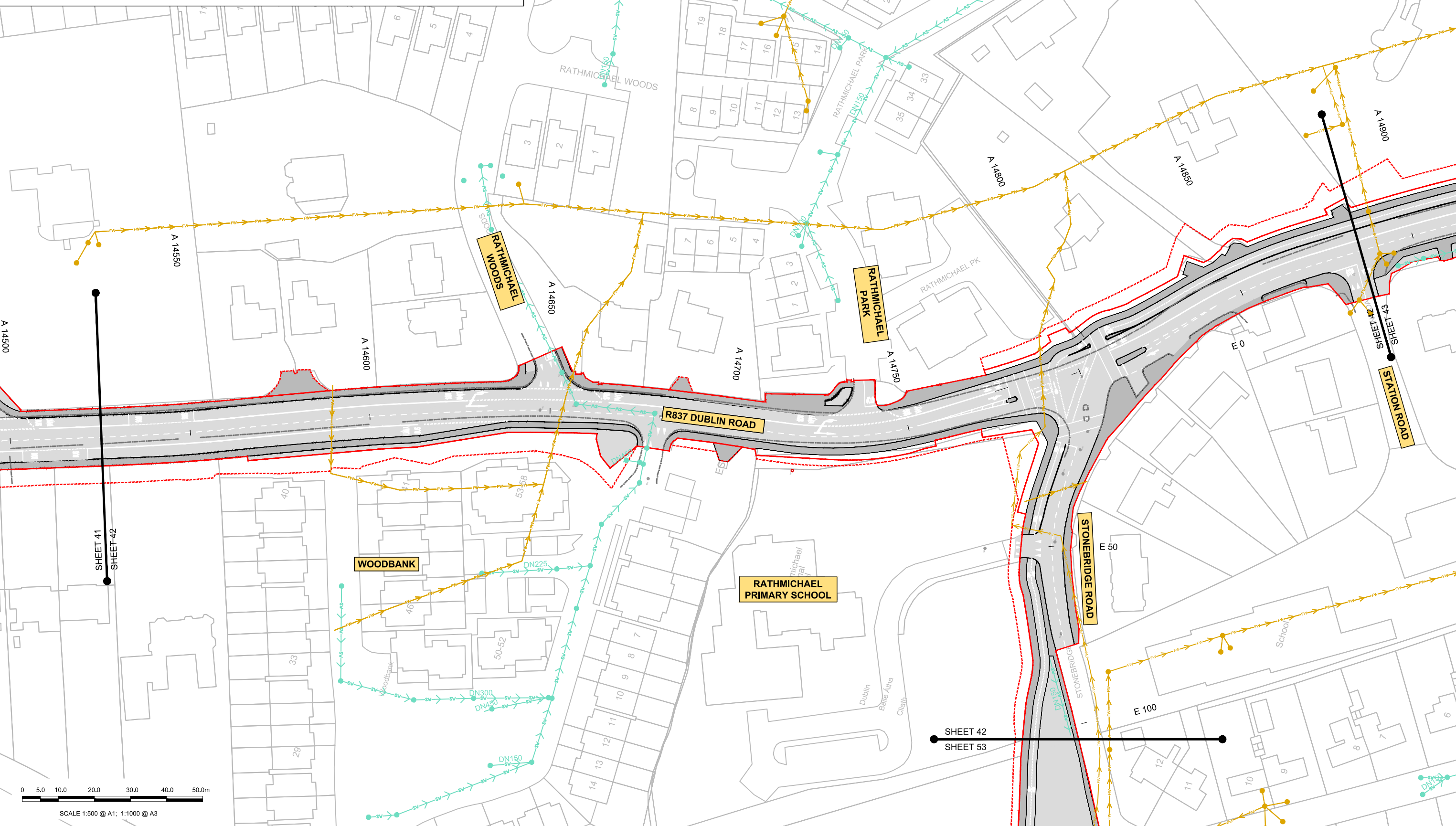
DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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
- EXISTING NETWORK TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

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Rev	Date	Drn	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date: 08/05/2023
 Scale: 1:500 @ A1
 1:1000 @ A3

Project Code: BCIDB
 Originator Code: JAC

Drawn: LH
 Checked: DM
 Approved: RS

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

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME**
IW FOUL SEWER ASSET ALTERATIONS
SHEET 42

Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0042
 Sheet Number: 42 of 54
 Status: A
 Rev: M01

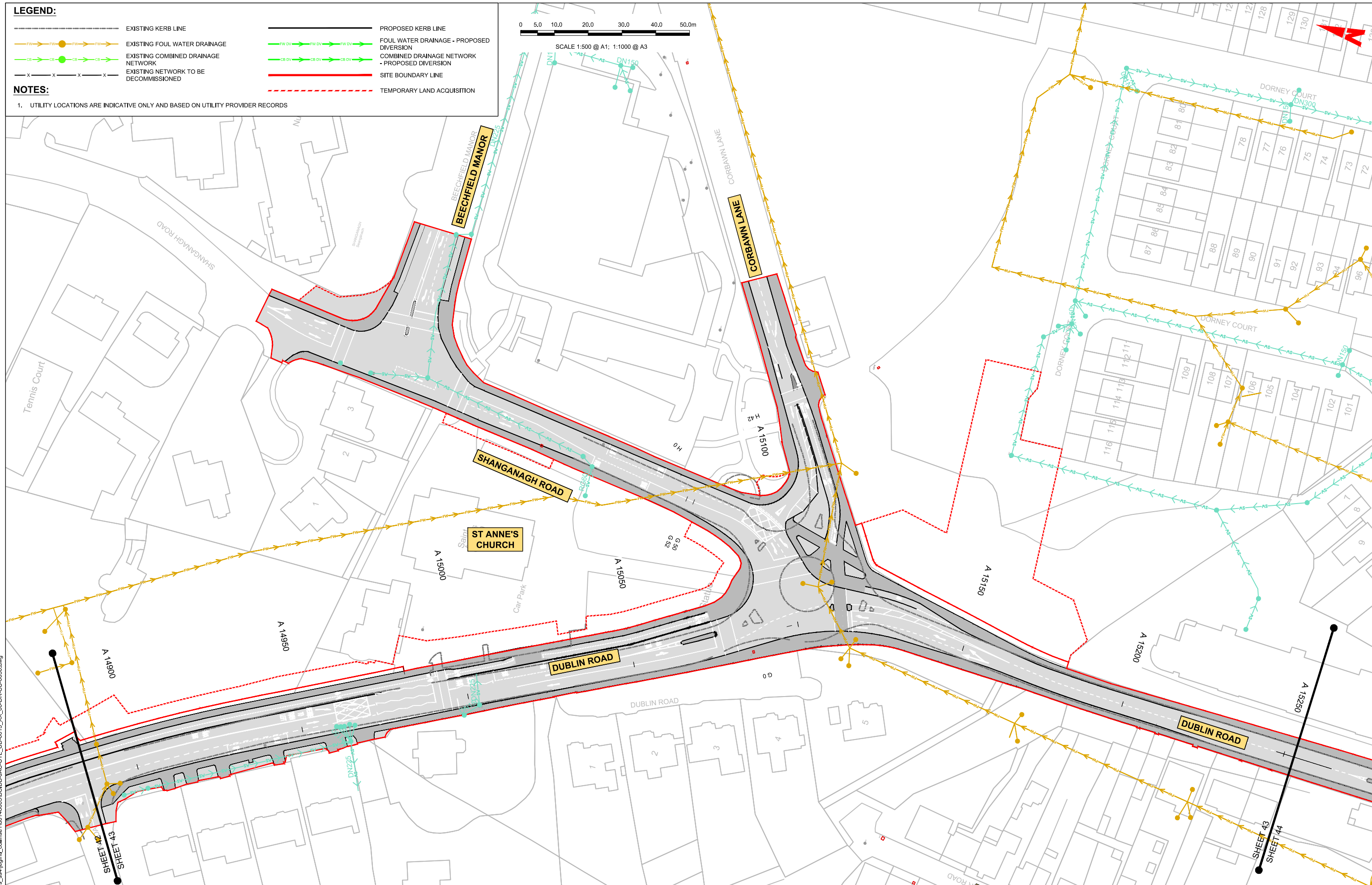
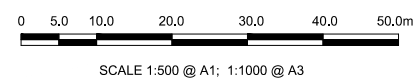
DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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
	EXISTING NETWORK TO BE DECOMMISSIONED		SITE BOUNDARY LINE
			TEMPORARY LAND ACQUISITION

NOTES:

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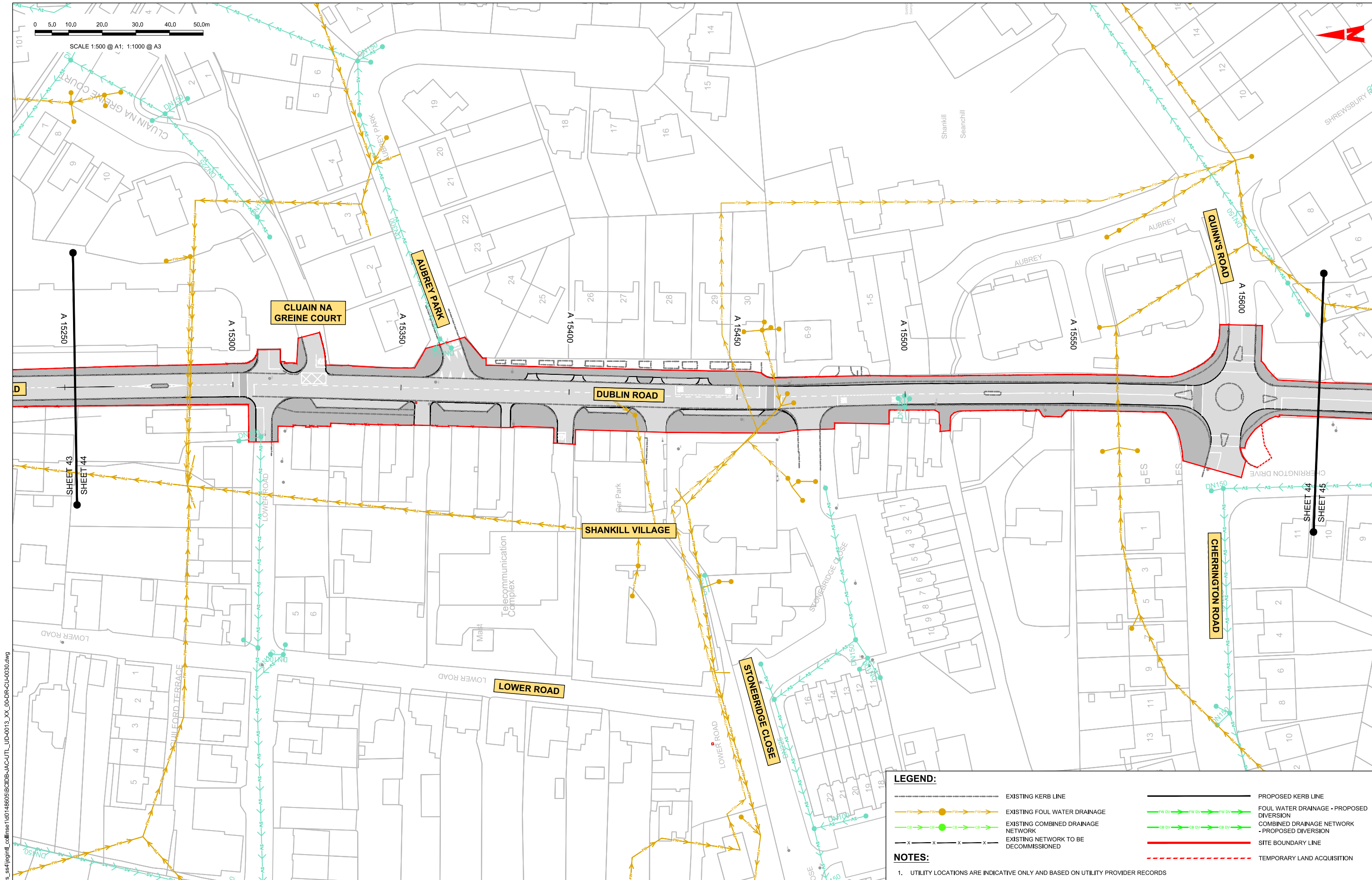


Rev	Date	Drn	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

 Date: 08/05/2023 Project Code: BCIDB		 Scale: 1:500 @ A1 1:1000 @ A3 Originator Code: JAC		Engineering Designer Drawn: LH Checked: DM Approved: RS	
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Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW FOUL SEWER ASSET ALTERATIONS SHEET 43			
Drawing File Name BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0043	Sheet Number 43 of 54	Status A	Rev M01

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LEGEND:

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

NOTES:

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M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

Client

NTA
Ódarás Náisiúnta Iompair
National Transport Authority

Date: 08/05/2023
Scale: 1:500 @ A1
1:1000 @ A3

Project Code: BCIDB
Originator Code: JAC

Engineering Designer

Jacobs

Drawn: LH
Checked: DM
Approved: RS

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

Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
IW FOUL SEWER ASSET ALTERATIONS
SHEET 44

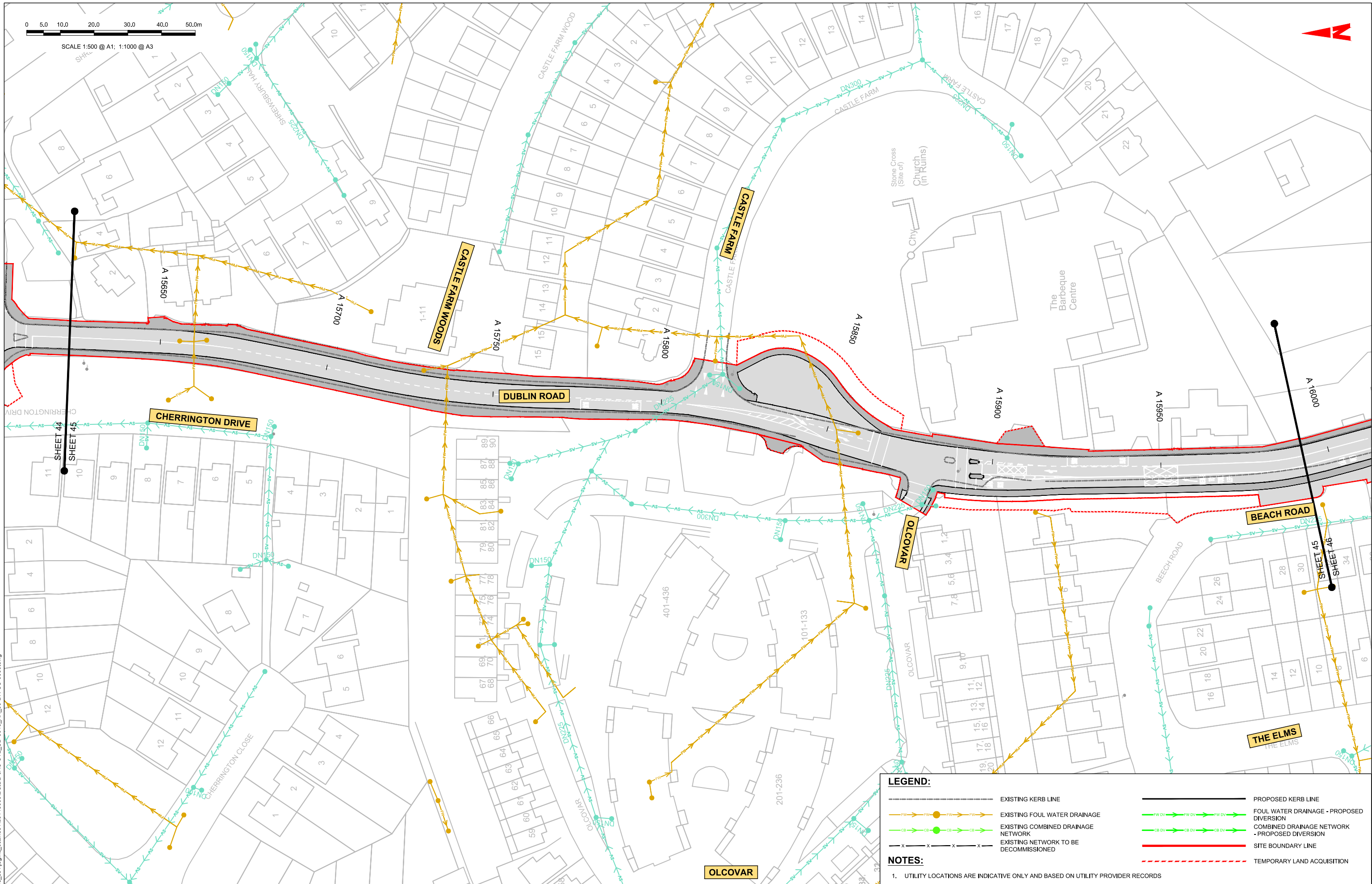
Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0044

Sheet Number: 44 of 54
Status: A
Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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

NOTES:

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

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Rev	Date	Drn	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

Date: 08/05/2023
 Scale: 1:500 @ A1
 1:1000 @ A3

Project Code: BCIDB
 Originator Code: JAC

Engineering Designer: **Jacobs**

Drawn: LH
 Checked: DM
 Approved: RS

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

Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
 IW FOUL SEWER ASSET ALTERATIONS
 SHEET 45

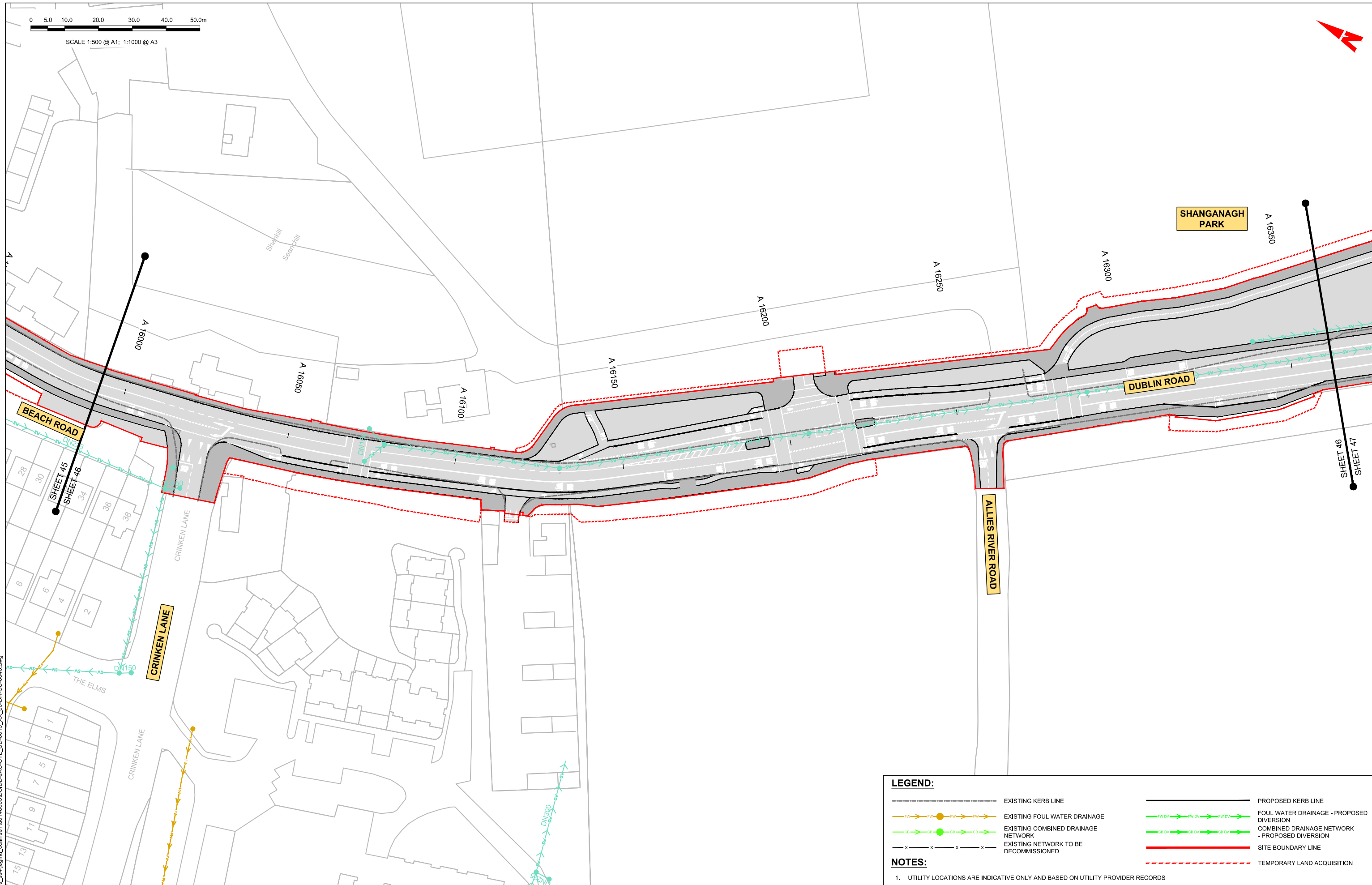
Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0045
 Sheet Number: 45 of 54
 Status: A
 Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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

NOTES:

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

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Rev	Date	Drn	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date: 08/05/2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: LH | Checked: DM | Approved: RS

Project Code: BCIDB | Originator Code: JAC | QMS Code:

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

Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
IW FOUL SEWER ASSET ALTERATIONS
SHEET 46

Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0046 | Sheet Number: 46 of 54 | Status: A | Rev: M01

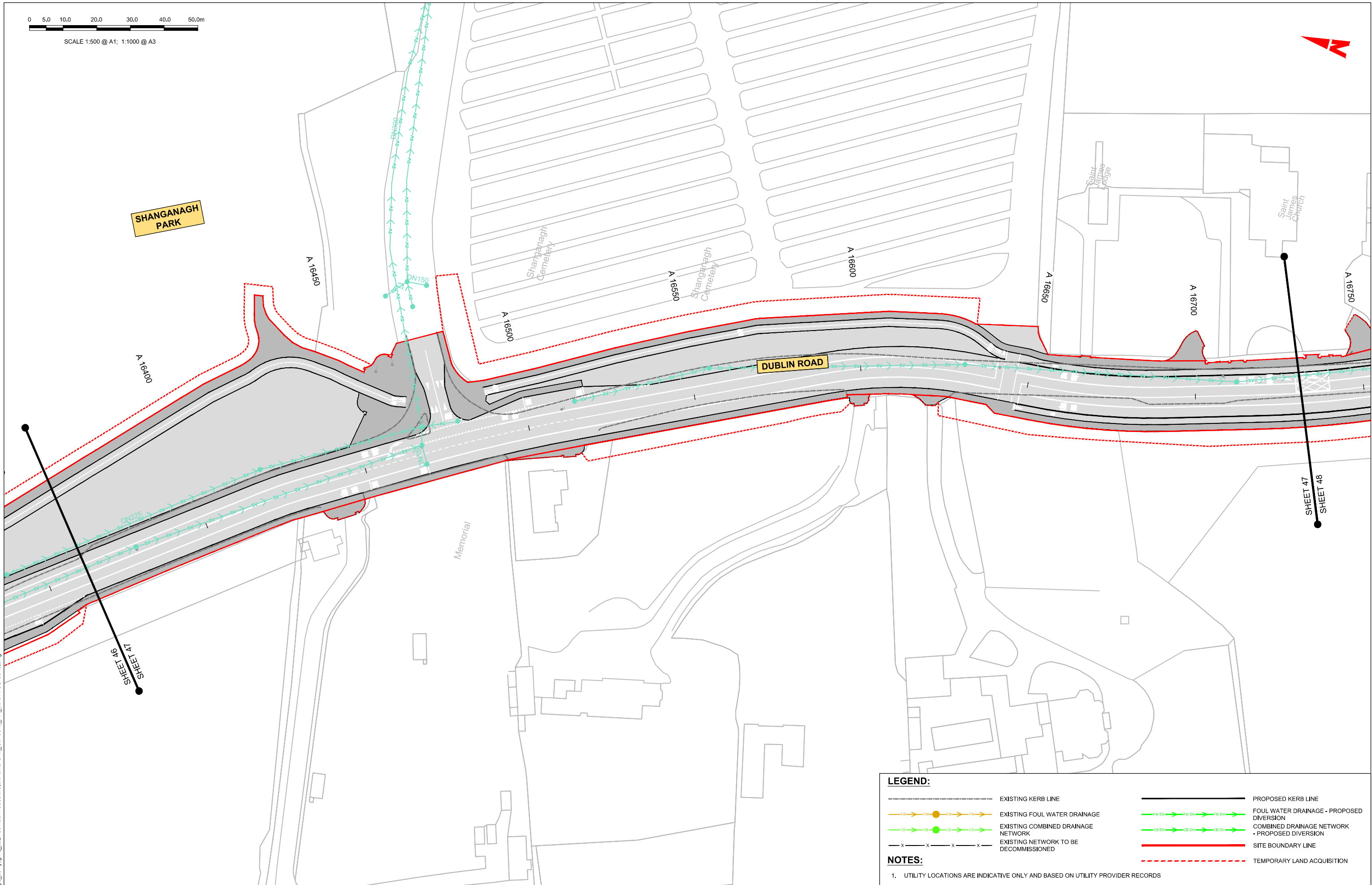
DO NOT SCALE USE FIGURED DIMENSIONS ONLY

0 5.0 10.0 20.0 30.0 40.0 50.0m

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



SHANGANAGH PARK



SHEET 47
SHEET 48

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
- EXISTING NETWORK TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

NOTES:

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Rev	Date	Dm	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

Client



Engineering Designer



Programme Title

**BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title

BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
IW FOUL SEWER ASSET ALTERATIONS
SHEET 47

Date

08/05/2023

Scale

1:500 @ A1
1:1000 @ A3

Drawn

LH

Checked

DM

Approved

RS

Project Code

BCIDB

Originator Code

JAC

QMS Code

Drawing File Name

BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0047

Sheet Number

47 of 54

Status

A

Rev

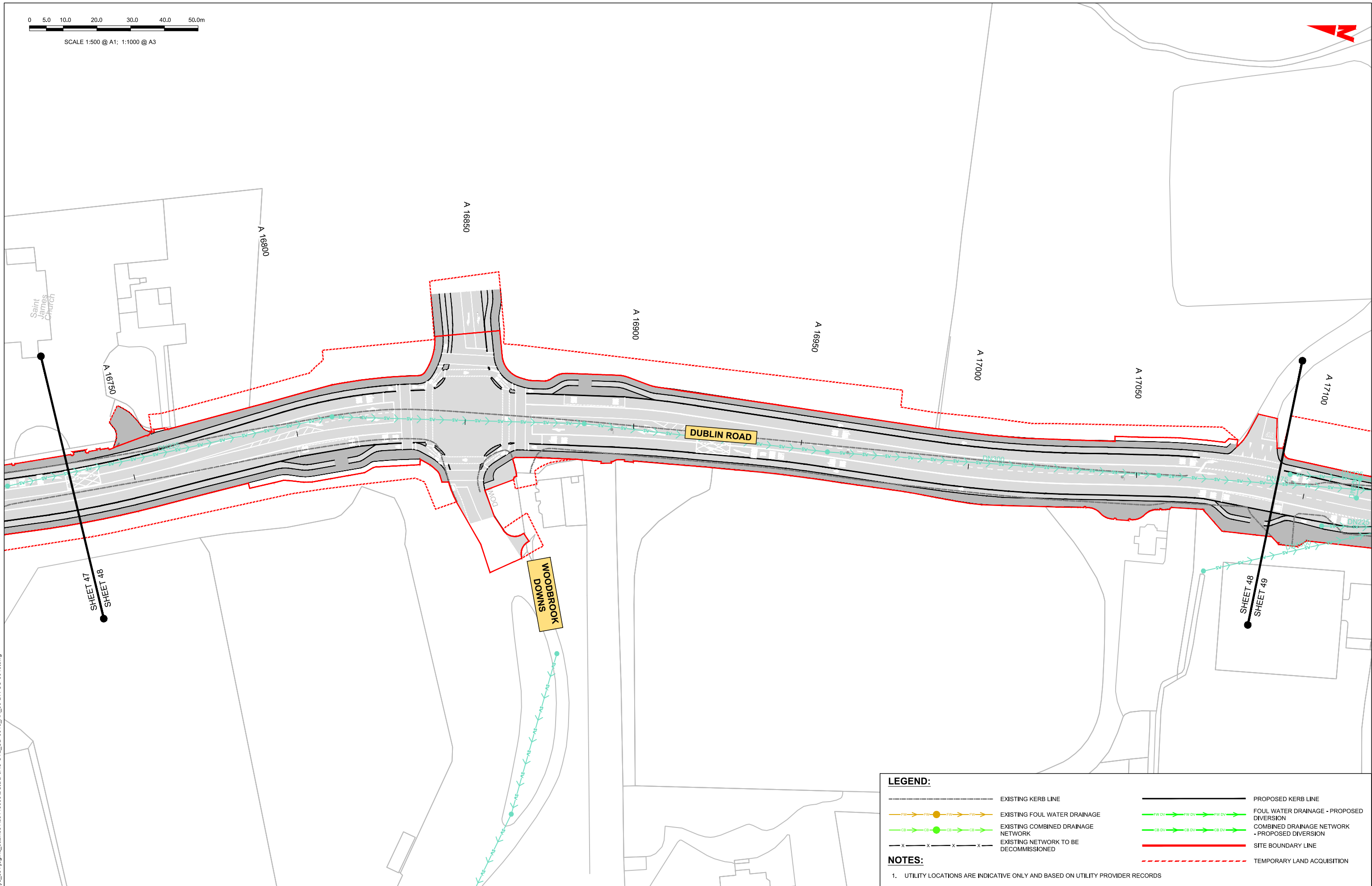
M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



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
- EXISTING NETWORK TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

NOTES:

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Rev	Date	Drm	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date: 08/05/2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: LH | Checked: DM | Approved: RS

Project Code: BCIDB | Originator Code: JAC | QMS Code:

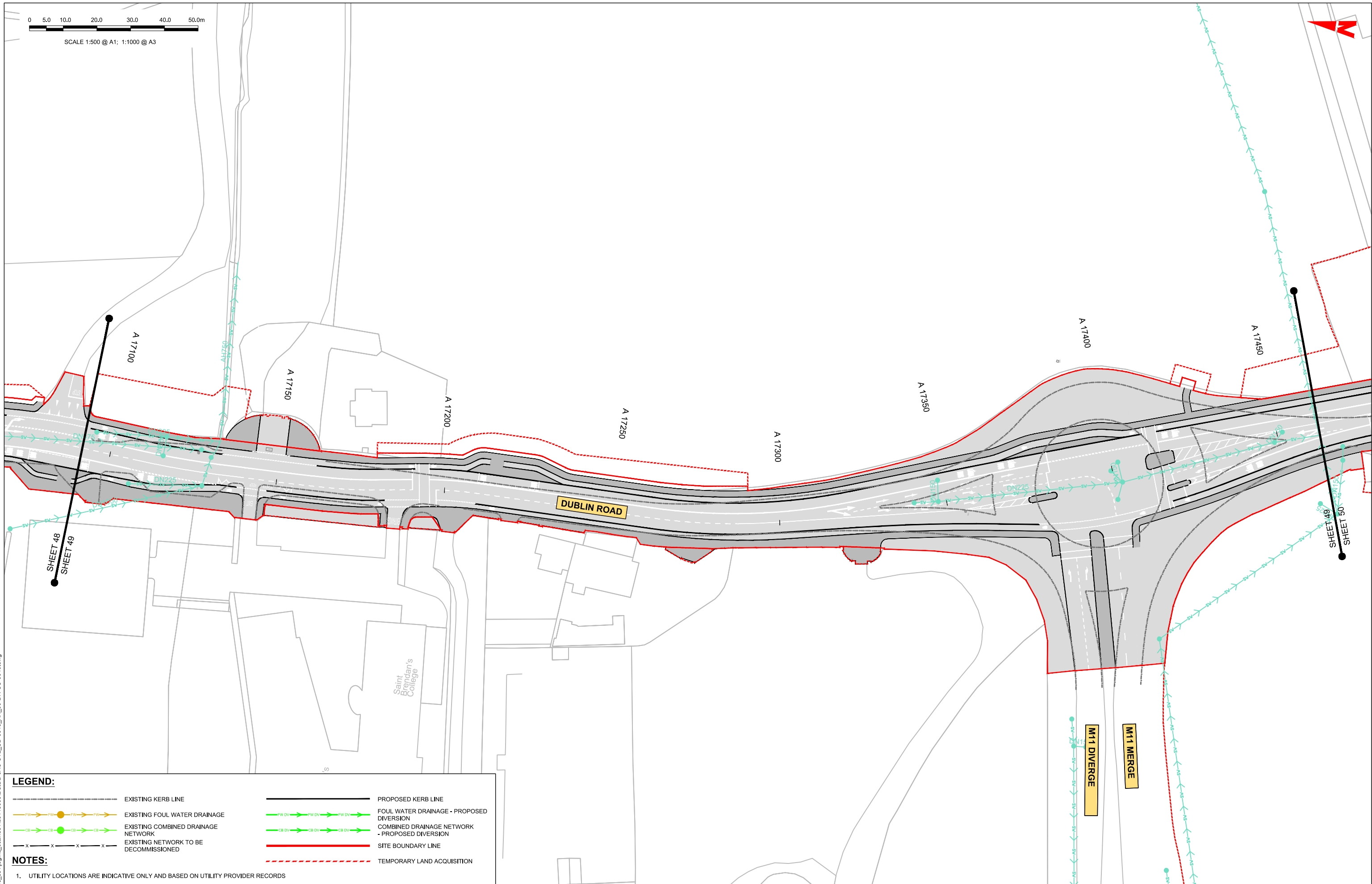
Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW FOUL SEWER ASSET ALTERATIONS SHEET 48			
Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0048	Sheet Number: 48 of 54	Status: A	Rev: M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



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
- EXISTING NETWORK TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

NOTES:

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Rev	Date	Drm	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

Client

 Date: 08/05/2023
 Project Code: BCIDB

Engineering Designer

 Scale: 1:500 @ A1, 1:1000 @ A3
 Originator Code: JAC
 QMS Code

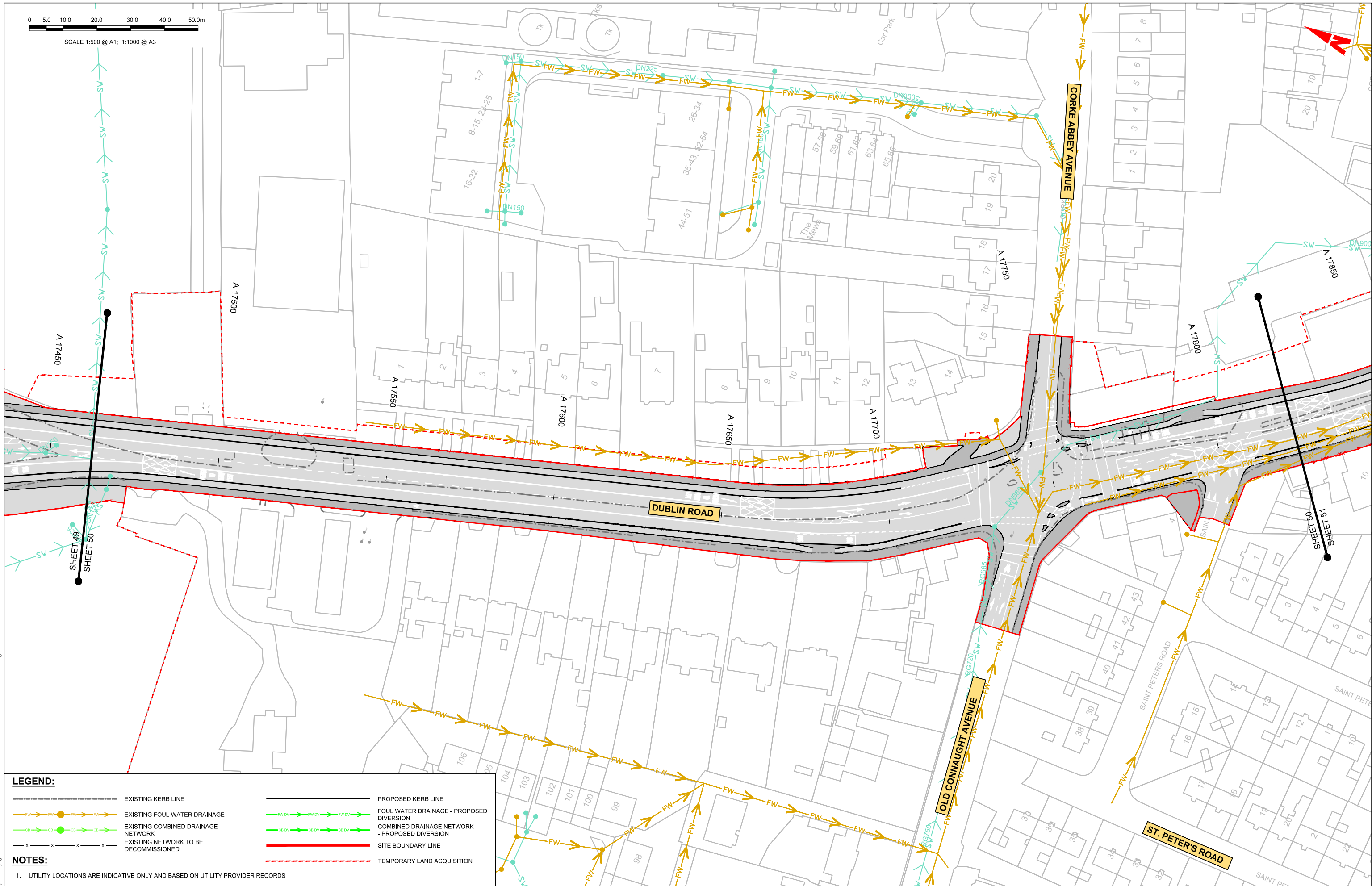
Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**
 Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW FOUL SEWER ASSET ALTERATIONS SHEET 49
 Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0049
 Sheet Number: 49 of 54
 Status: A
 Rev: M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



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
- EXISTING NETWORK TO BE DECOMMISSIONED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

NOTES:

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Rev	Date	Drn	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

Date: 08/05/2023
 Scale: 1:500 @ A1
 1:1000 @ A3

Engineering Designer: **Jacobs**

Drawn: LH
 Checked: DM
 Approved: RS

Project Code: BCIDB
 Originator Code: JAC
 QMS Code:

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

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME**
IW FOUL SEWER ASSET ALTERATIONS
SHEET 50

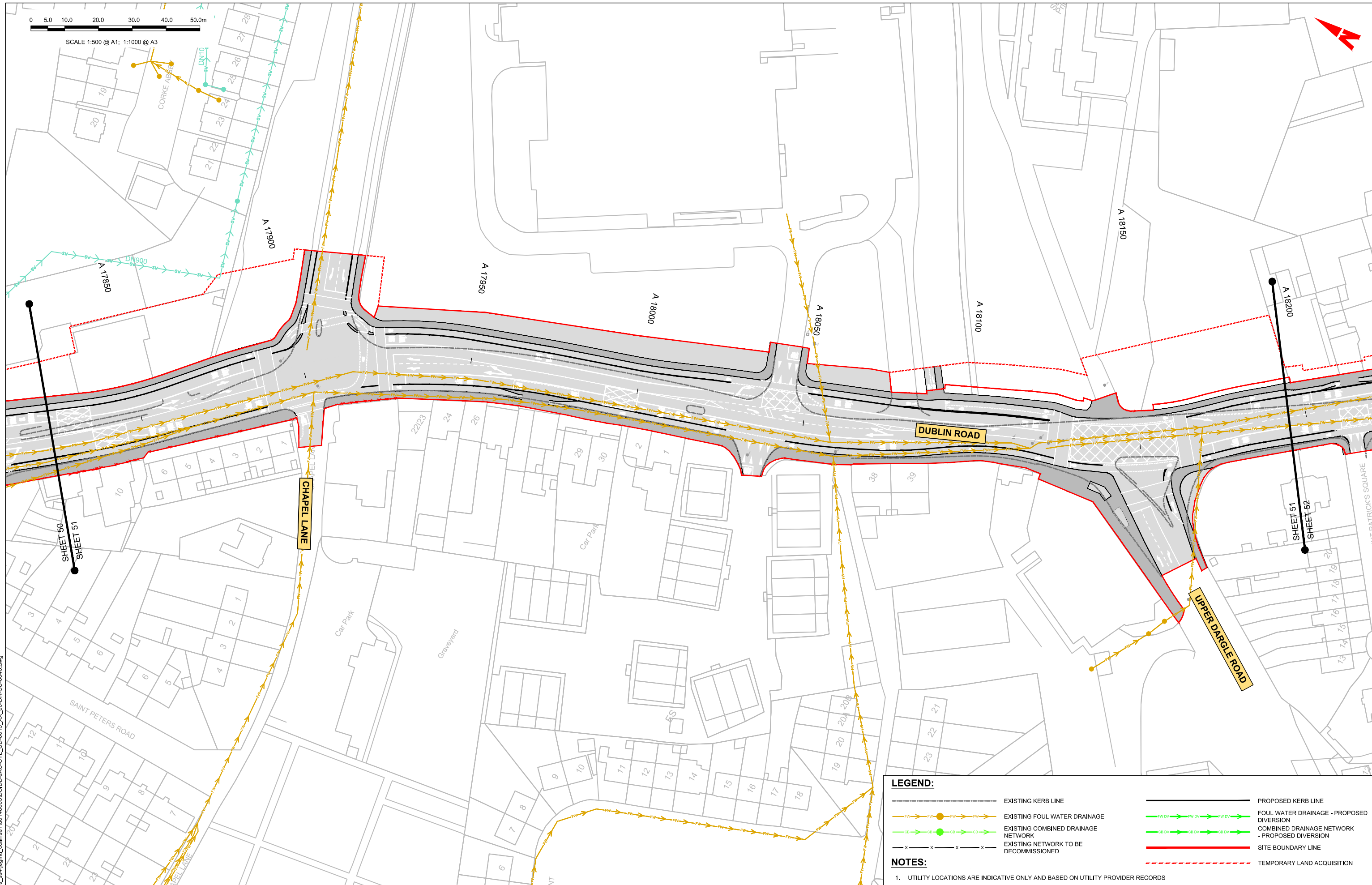
Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0050
 Sheet Number: 50 of 54
 Status: A
 Rev: M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



LEGEND:

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

NOTES:
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Rev	Date	Drn	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

Date: 08/05/2023
 Scale: 1:500 @ A1
 1:1000 @ A3

Project Code: BCIDB
 Originator Code: JAC

Engineering Designer: **Jacobs**

Drawn: LH
 Checked: DM
 Approved: RS

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

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
 IW FOUL SEWER ASSET ALTERATIONS
 SHEET 51**

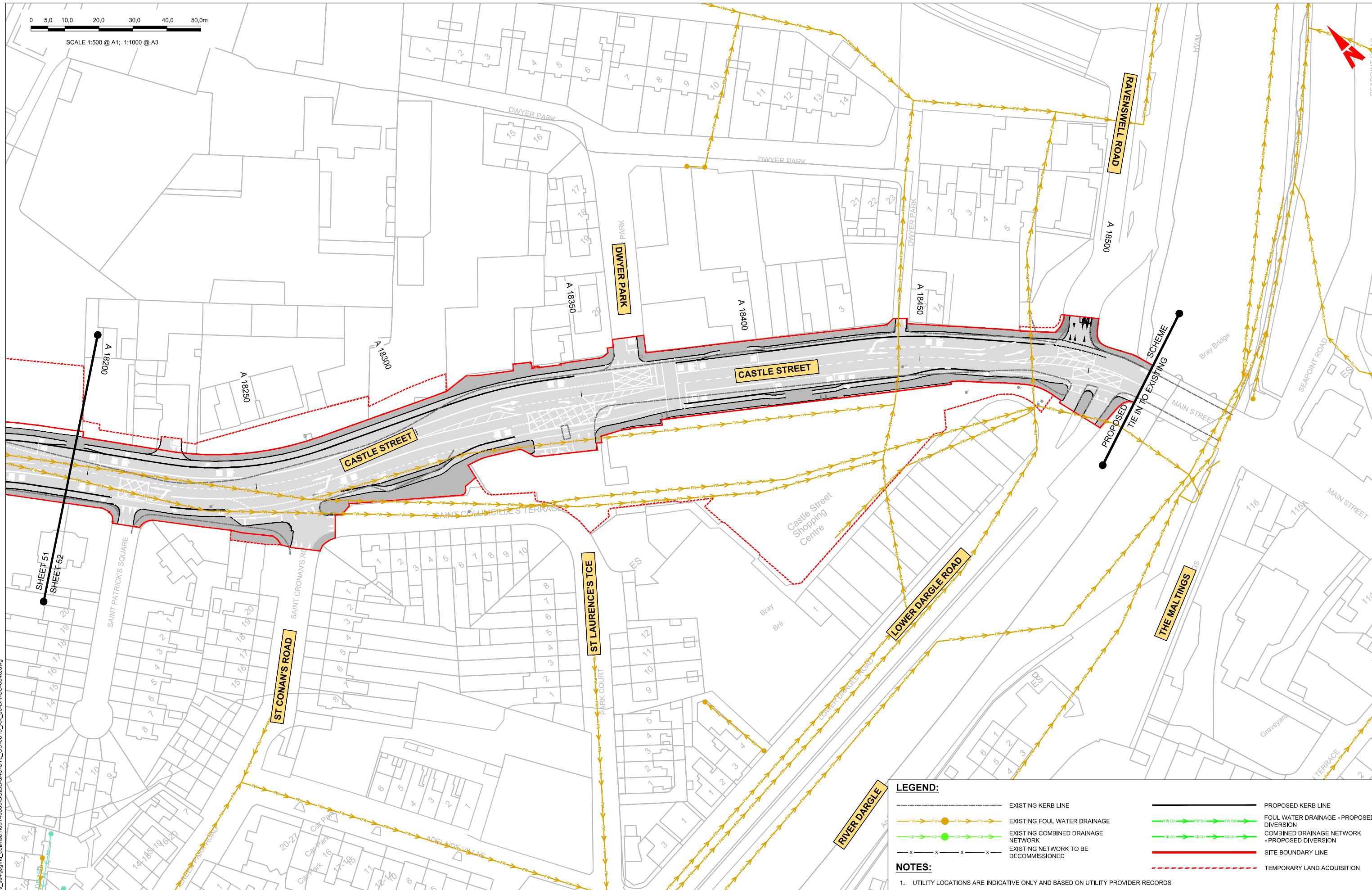
Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0051
 Sheet Number: 51 of 54
 Status: A
 Rev: M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



LEGEND:

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

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Rev	Date	Drn	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

Date: 08/05/2023
 Scale: 1:500 @ A1
 1:1000 @ A3

Project Code: BCIDB
 Originator Code: JAC

Engineering Designer: **Jacobs**

Drawn: LH
 Checked: DM
 Approved: RS

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW FOUL SEWER ASSET ALTERATIONS SHEET 52			
Drawing File Name BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0052	Sheet Number 52 of 54	Status A	Rev M01

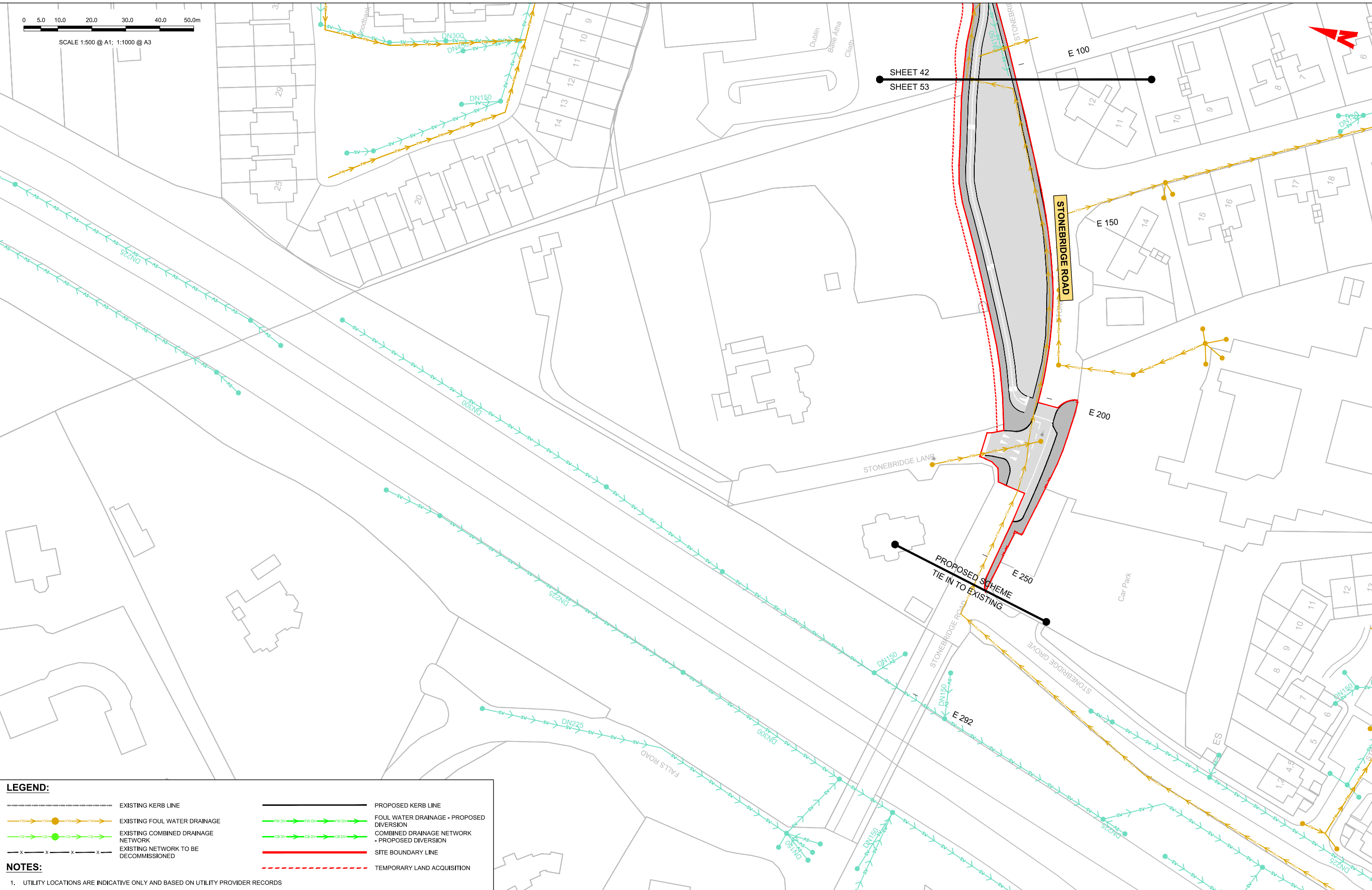
DO NOT SCALE USE FIGURED DIMENSIONS ONLY

0 5.0 10.0 20.0 30.0 40.0 50.0m

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



SHEET 42
SHEET 53



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
	EXISTING NETWORK TO BE DECOMMISSIONED		SITE BOUNDARY LINE
			TEMPORARY LAND ACQUISITION

NOTES:

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

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

Engineering Designer: **Jacobs**

Date: 08/05/2023
 Scale: 1:500 @ A1
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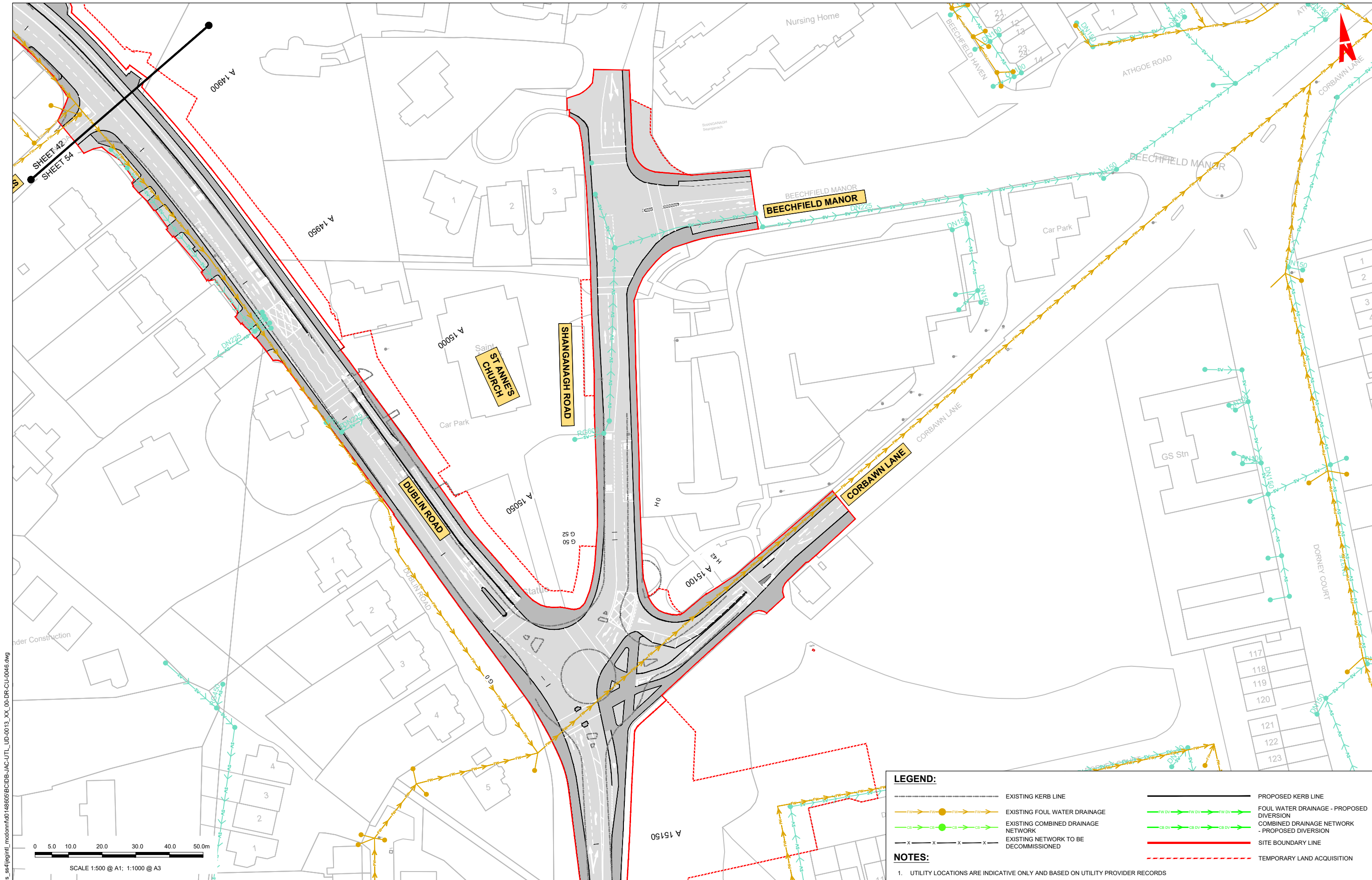
Project Code: BCIDB
 Originator Code: JAC

Drawn: LH
 Checked: DM
 Approved: RS

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME IW FOUL SEWER ASSET ALTERATIONS SHEET 53			
Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0053	Sheet Number: 53 of 54	Status: A	Rev: M01

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C:\pwworking\jacobs_uk_highways_ss4\legintl_collinse1\ud_148605\BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0046.dwg



LEGEND:

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

NOTES:

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Project Ireland 2040
Building Ireland's Future

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

Date: 08/05/2023
Scale: 1:500 @ A1
1:1000 @ A3

Project Code: BCIDB
Originator Code: JAC

Engineering Designer: **Jacobs**

Drawn: LH
Checked: DM
Approved: RS

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

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME**
IW FOUL SEWER ASSET ALTERATIONS
SHEET 54

Drawing File Name: BCIDB-JAC-UTL_UD-0013_XX_00-DR-CU-0054
Sheet Number: 54 of 54
Status: A
Rev: M01

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