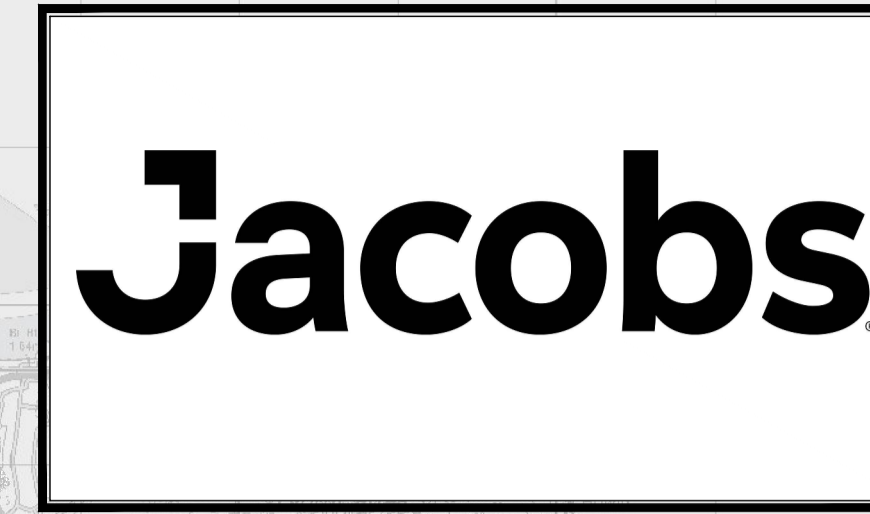




Appendix B14
GNI Asset Alterations



BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS

LIFFEY VALLEY TO CITY CENTRE CORE BUS CORRIDOR SCHEME

GNI ASSET ALTERATIONS

DRAWING SERIES NUMBER(S)

BCIDB-JAC-UTL_IX-0007_XX_00-DR-CR-0004
 BCIDB-JAC-UTL_KP-0007_XX_00-DR-CR-0004
 BCIDB-JAC-UTL_UG-0007_XX_00-DR-CU-0003 to 0028

DRAWING SERIES DESCRIPTION

LIFFEY VALLEY TO CITY CENTRE CORE BUS CORRIDOR SCHEME. GNI ASSET ALTERATIONS. COVER SHEET
 LIFFEY VALLEY TO CITY CENTRE CORE BUS CORRIDOR SCHEME. GNI ASSET ALTERATIONS. KEY PLAN
 LIFFEY VALLEY TO CITY CENTRE CORE BUS CORRIDOR SCHEME. GNI ASSET ALTERATIONS

C:\pwworking\jacobs_uk_highways_ssa\legintl_cashehd\0147792\BCIDB-JAC-UTL_IX-0007_XX_00-DR-CR-0004.dwg

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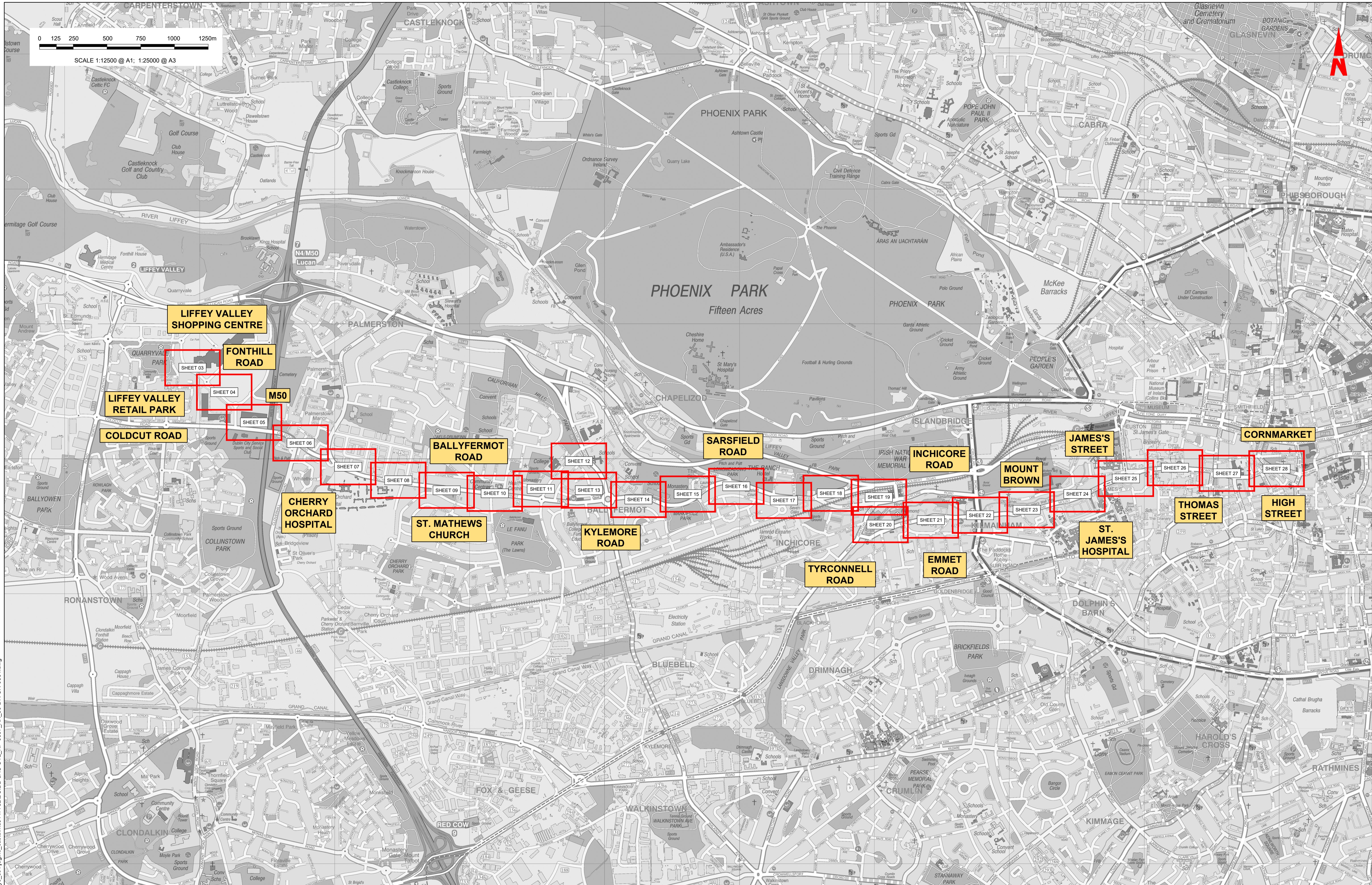


Rev	Date	Drn	Chk'd	App'd	Description
M01	07/06/2022	PT	KM	JB	ISSUE FOR PHASE 4: PLANNING

Client NTA Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer Jacobs		
Date 07/06/2022	Scale NTS @ A1 NTS @ A3	Drawn PT	Checked KM	Approved JB
Project Code BCIDB	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title LIFFEY VALLEY TO CITY CENTRE CORE BUS CORRIDOR SCHEME GNI ASSET ALTERATIONS COVER SHEET				
Drawing File Name BCIDB-JAC-UTL_IX_0007_XX_00-DR-CR-0004	Sheet Number 01 of 01	Status A	Rev M01	

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Rev	Date	Drn	Chk'd	App'd	Description
M01	07/06/2022	PT	KM	JB	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date: 07/06/2022 Scale: 1:12500 @ A1
 1:25000 @ A3

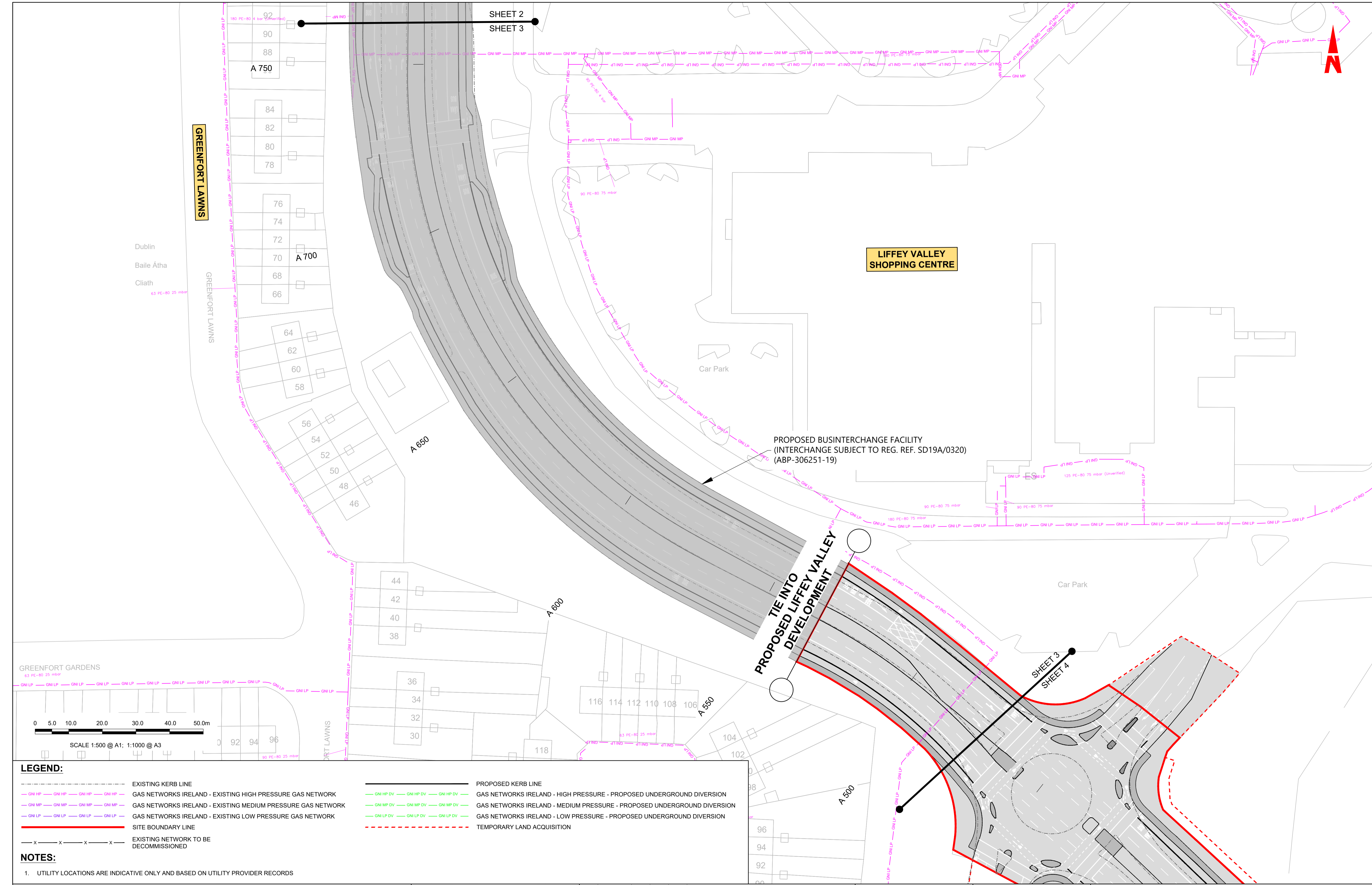
Project Code: BCIDB Originator Code: JAC

Drawn: PT Checked: KM Approved: JB

QMS Code:

Programme Title			
BUSCONNECTS DUBLIN			
CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title			
LIFFEY VALLEY TO CITY CENTRE CORE BUS CORRIDOR SCHEME			
GNI ASSET ALTERATIONS			
KEY PLAN			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-UTL_KP-0007_XX_00-DR-CR-0004	01 of 01	A	M01

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LEGEND:

---	EXISTING KERB LINE	---	PROPOSED KERB LINE
---	GAS NETWORKS IRELAND - EXISTING HIGH PRESSURE GAS NETWORK	---	GAS NETWORKS IRELAND - HIGH PRESSURE - PROPOSED UNDERGROUND DIVERSION
---	GAS NETWORKS IRELAND - EXISTING MEDIUM PRESSURE GAS NETWORK	---	GAS NETWORKS IRELAND - MEDIUM PRESSURE - PROPOSED UNDERGROUND DIVERSION
---	GAS NETWORKS IRELAND - EXISTING LOW PRESSURE GAS NETWORK	---	GAS NETWORKS IRELAND - LOW PRESSURE - PROPOSED UNDERGROUND DIVERSION
---	SITE BOUNDARY LINE	---	TEMPORARY LAND ACQUISITION
---	EXISTING NETWORK TO BE DECOMMISSIONED		

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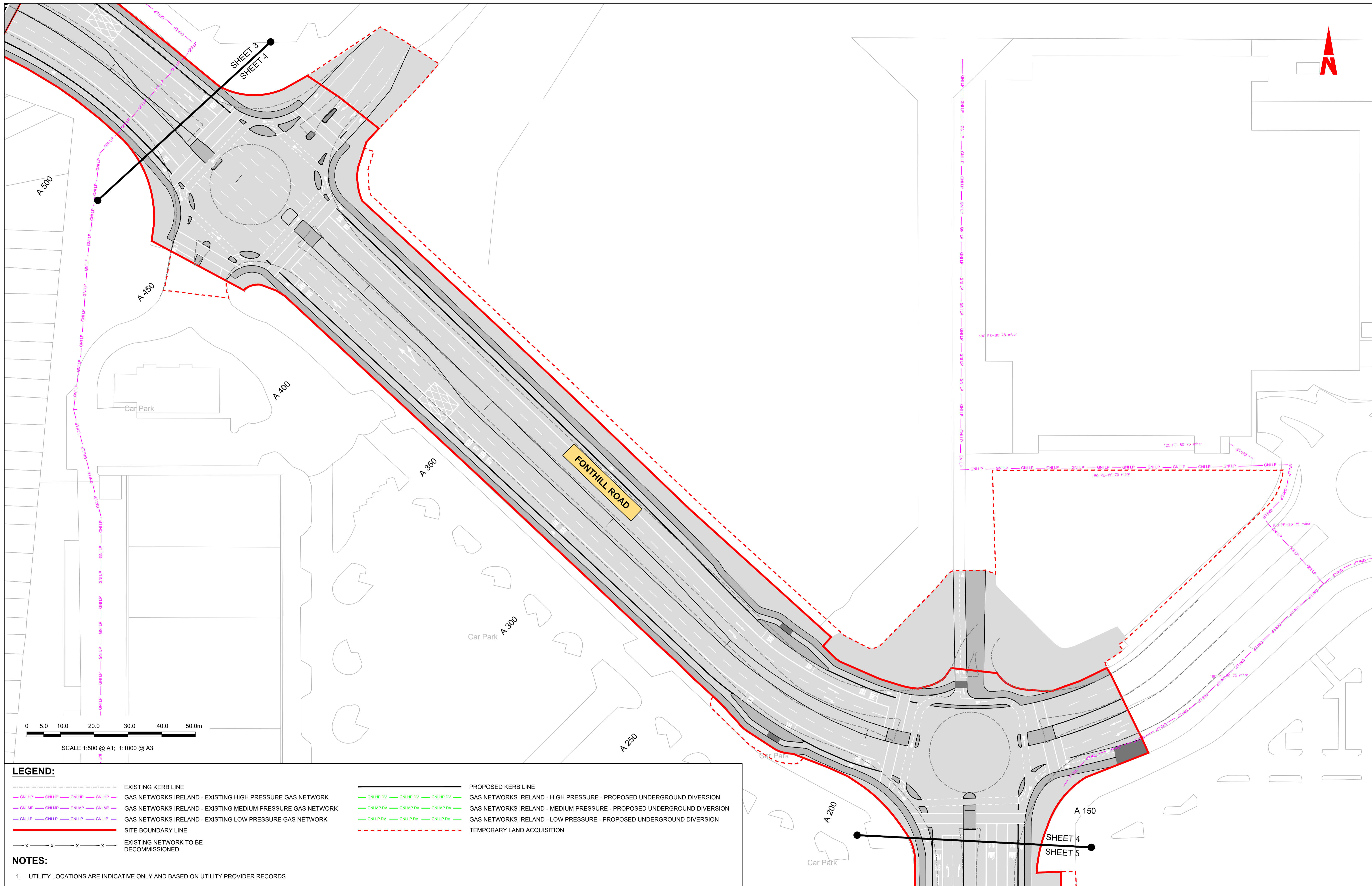


Rev	Date	Drn	Chk'd	App'd	Description
M01	07/06/2022	PT	KM	JB	ISSUE FOR PHASE 4: PLANNING

Client NTA Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer Jacobs		
Date 07/06/2022	Scale 1:500 @ A1 1:1000 @ A3	Drawn PT	Checked KM	Approved JB
Project Code BCIDB	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title LIFFEY VALLEY TO CITY CENTRE CORE BUS CORRIDOR SCHEME GNI ASSET ALTERATIONS			
Drawing File Name BCIDB-JAC-UTL_UG-0007_XX_00-DR-CU-0003	Sheet Number 03 of 28	Status A	Rev M01

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LEGEND:

---	EXISTING KERB LINE	---	PROPOSED KERB LINE
---	GAS NETWORKS IRELAND - EXISTING HIGH PRESSURE GAS NETWORK	---	GAS NETWORKS IRELAND - HIGH PRESSURE - PROPOSED UNDERGROUND DIVERSION
---	GAS NETWORKS IRELAND - EXISTING MEDIUM PRESSURE GAS NETWORK	---	GAS NETWORKS IRELAND - MEDIUM PRESSURE - PROPOSED UNDERGROUND DIVERSION
---	GAS NETWORKS IRELAND - EXISTING LOW PRESSURE GAS NETWORK	---	GAS NETWORKS IRELAND - LOW PRESSURE - PROPOSED UNDERGROUND DIVERSION
---	SITE BOUNDARY LINE	---	TEMPORARY LAND ACQUISITION
---	EXISTING NETWORK TO BE DECOMMISSIONED		

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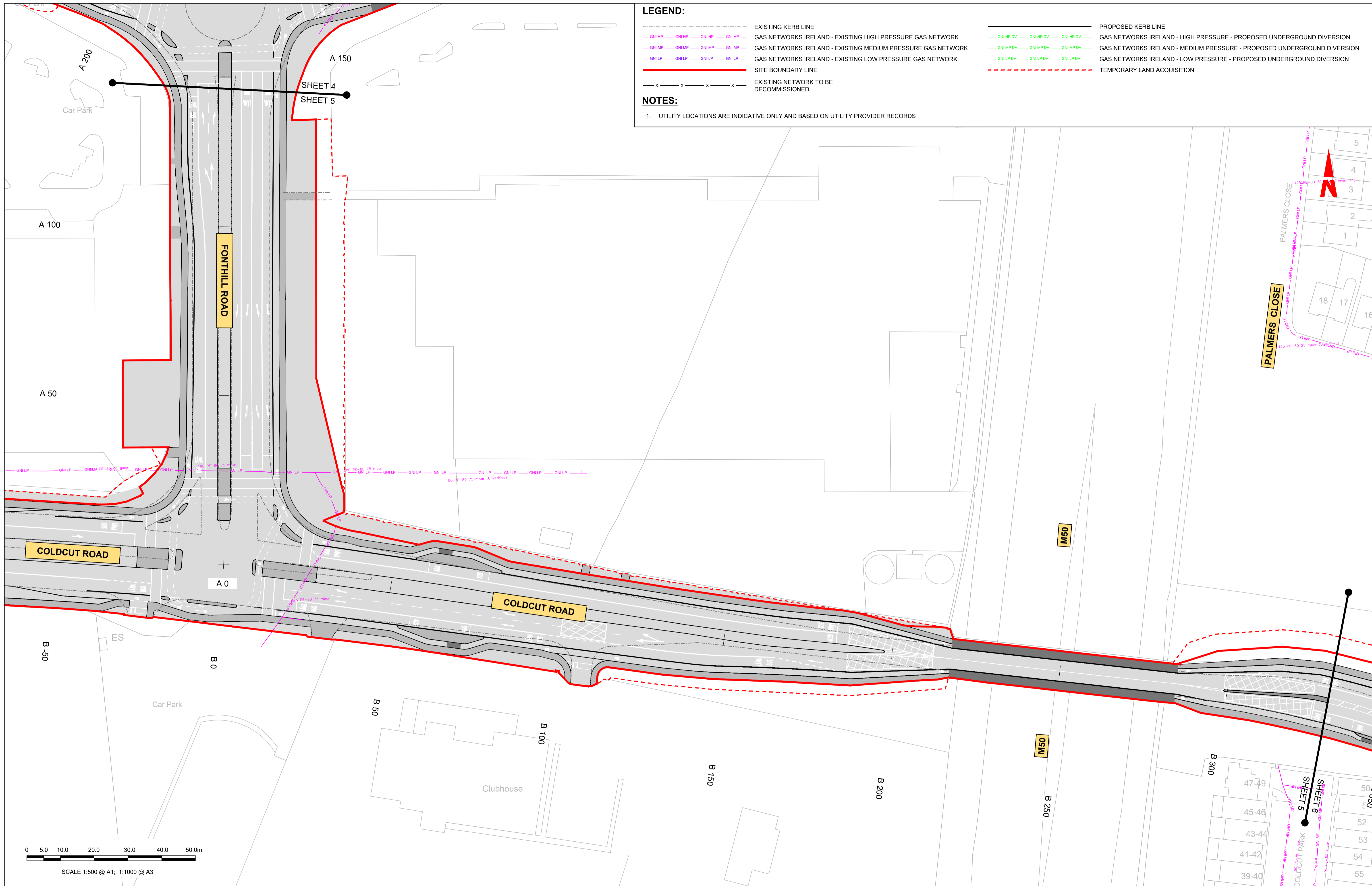


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Date	Scale	Drawn	Checked	Approved
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Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title LIFFEY VALLEY TO CITY CENTRE CORE BUS CORRIDOR SCHEME GNI ASSET ALTERATIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-UTL_UG-0007_XX_00-DR-CU-0004	04 of 28	A	M01

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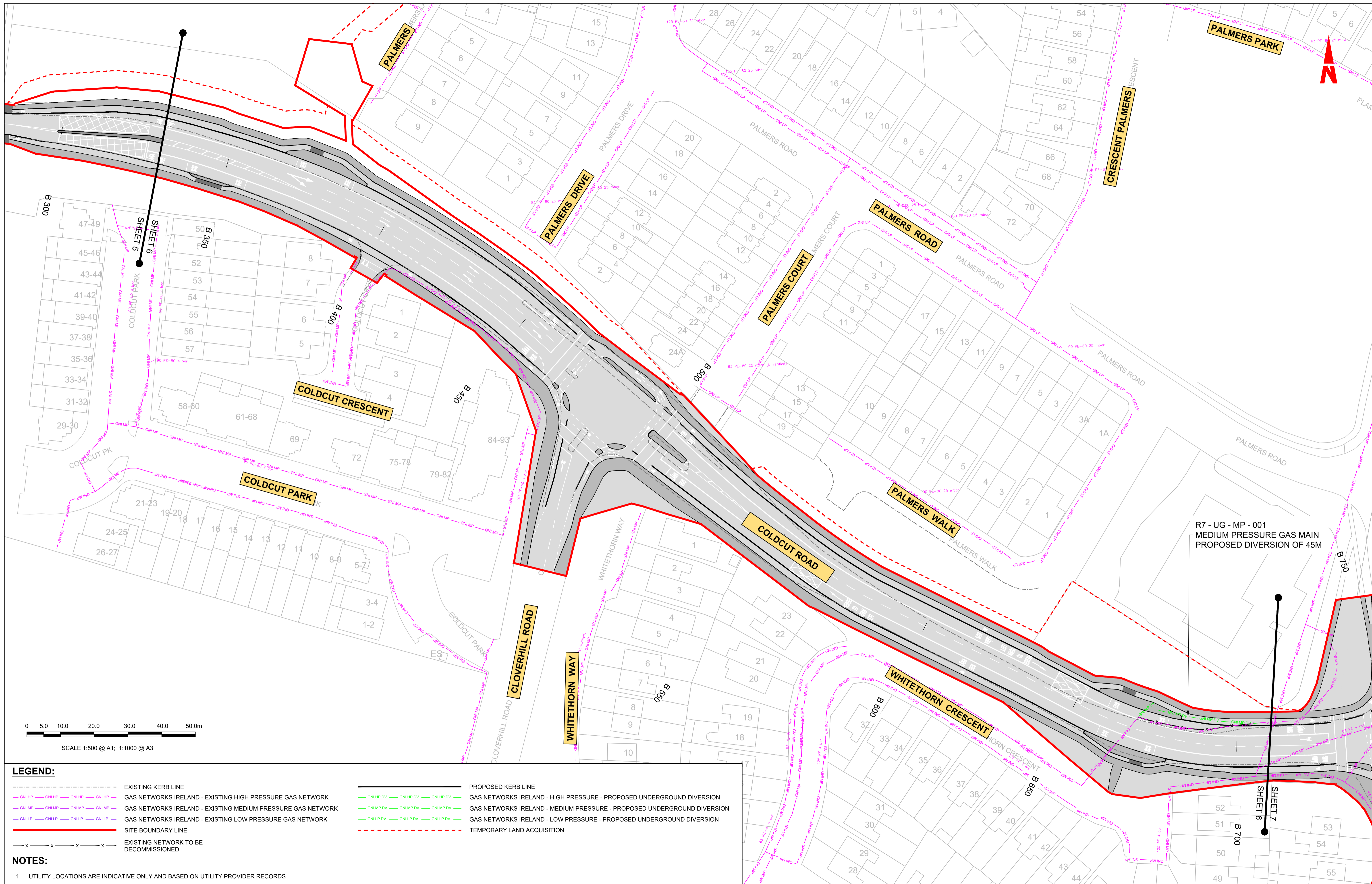
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- GAS NETWORKS IRELAND - EXISTING HIGH PRESSURE GAS NETWORK
- GAS NETWORKS IRELAND - EXISTING MEDIUM PRESSURE GAS NETWORK
- GAS NETWORKS IRELAND - EXISTING LOW PRESSURE GAS NETWORK
- SITE BOUNDARY LINE
- EXISTING NETWORK TO BE DECOMMISSIONED
- PROPOSED KERB LINE
- GAS NETWORKS IRELAND - HIGH PRESSURE - PROPOSED UNDERGROUND DIVERSION
- GAS NETWORKS IRELAND - MEDIUM PRESSURE - PROPOSED UNDERGROUND DIVERSION
- GAS NETWORKS IRELAND - LOW PRESSURE - PROPOSED UNDERGROUND DIVERSION
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Rev	Date	Drn	Chk'd	App'd	Description												
M01	07/06/2022	PT	KM	JB	ISSUE FOR PHASE 4: PLANNING												
<p>Date</p> <p>07/06/2022</p>		<p>Scale</p> <p>1:500 @ A1 1:1000 @ A3</p>		<p>Drawn</p> <p>PT</p>		<p>Checked</p> <p>KM</p>		<p>Approved</p> <p>JB</p>									
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						<p>Status</p> <p>A</p>		<p>Rev</p> <p>M01</p>									

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R7 - UG - MP - 001
MEDIUM PRESSURE GAS MAIN
PROPOSED DIVERSION OF 45M

LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- GAS NETWORKS IRELAND - EXISTING HIGH PRESSURE GAS NETWORK
- GAS NETWORKS IRELAND - HIGH PRESSURE - PROPOSED UNDERGROUND DIVERSION
- GAS NETWORKS IRELAND - EXISTING MEDIUM PRESSURE GAS NETWORK
- GAS NETWORKS IRELAND - MEDIUM PRESSURE - PROPOSED UNDERGROUND DIVERSION
- GAS NETWORKS IRELAND - EXISTING LOW PRESSURE GAS NETWORK
- GAS NETWORKS IRELAND - LOW PRESSURE - PROPOSED UNDERGROUND DIVERSION
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION
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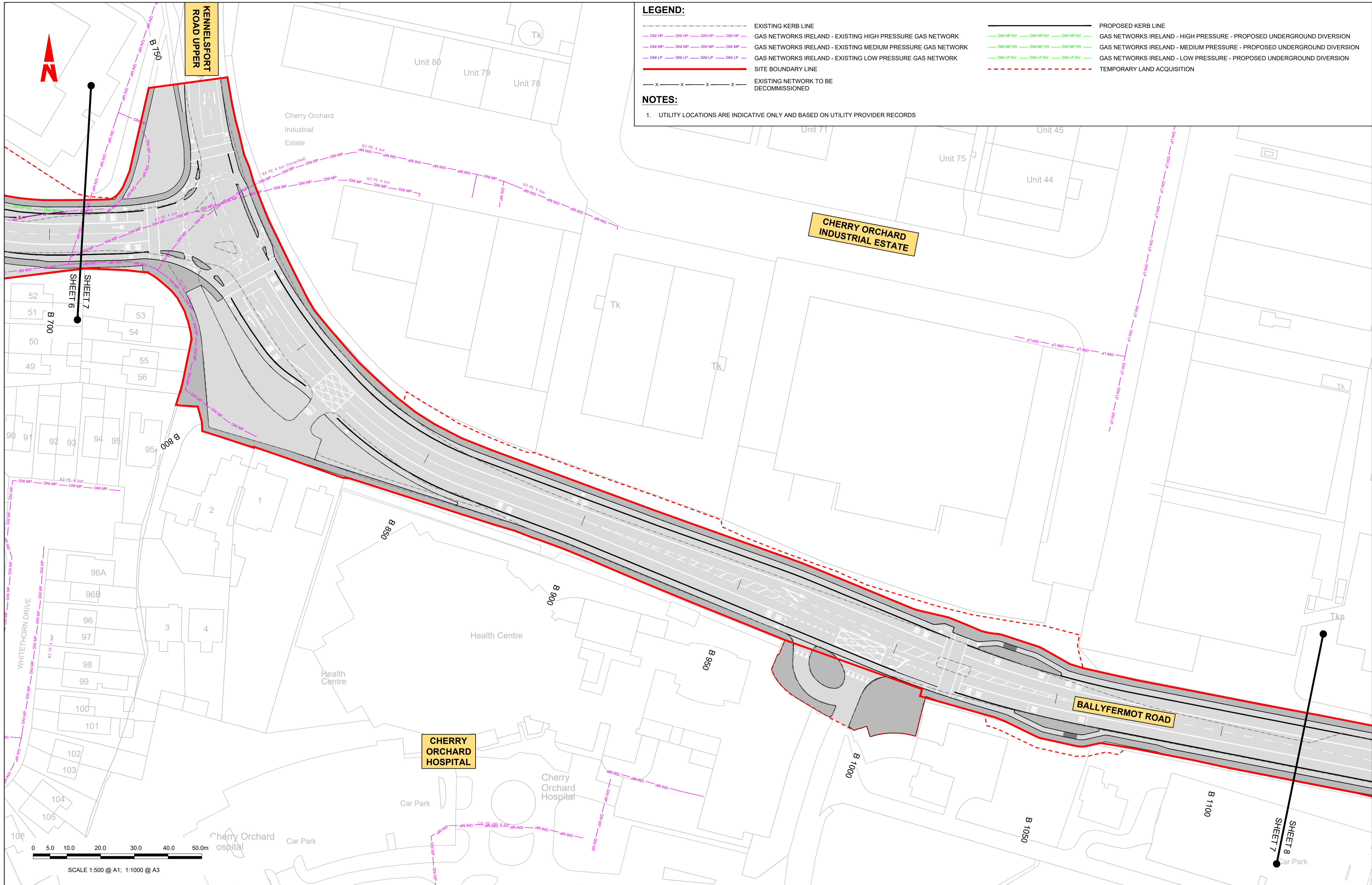
Client: **NTA**
Údarás Náisiúnta Iompair
National Transport Authority

Engineering Designer: **Jacobs**

Date: 07/06/2022 Scale: 1:500 @ A1, 1:1000 @ A3
 Drawn: PT, Checked: KM, Approved: JB

Project Code: BCIDB, Originator Code: JAC, QMS Code:

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: LIFFEY VALLEY TO CITY CENTRE CORE BUS CORRIDOR SCHEME GNI ASSET ALTERATIONS			
Drawing File Name: BCIDB-JAC-UTL_UG-0007_XX_00-DR-CU-0006	Sheet Number: 06 of 28	Status: A	Rev: M01



LEGEND:

- EXISTING KERB LINE
- GAS NETWORKS IRELAND - EXISTING HIGH PRESSURE GAS NETWORK
- GAS NETWORKS IRELAND - EXISTING MEDIUM PRESSURE GAS NETWORK
- GAS NETWORKS IRELAND - EXISTING LOW PRESSURE GAS NETWORK
- SITE BOUNDARY LINE
- EXISTING NETWORK TO BE DECOMMISSIONED
- PROPOSED KERB LINE
- GAS NETWORKS IRELAND - HIGH PRESSURE - PROPOSED UNDERGROUND DIVERSION
- GAS NETWORKS IRELAND - MEDIUM PRESSURE - PROPOSED UNDERGROUND DIVERSION
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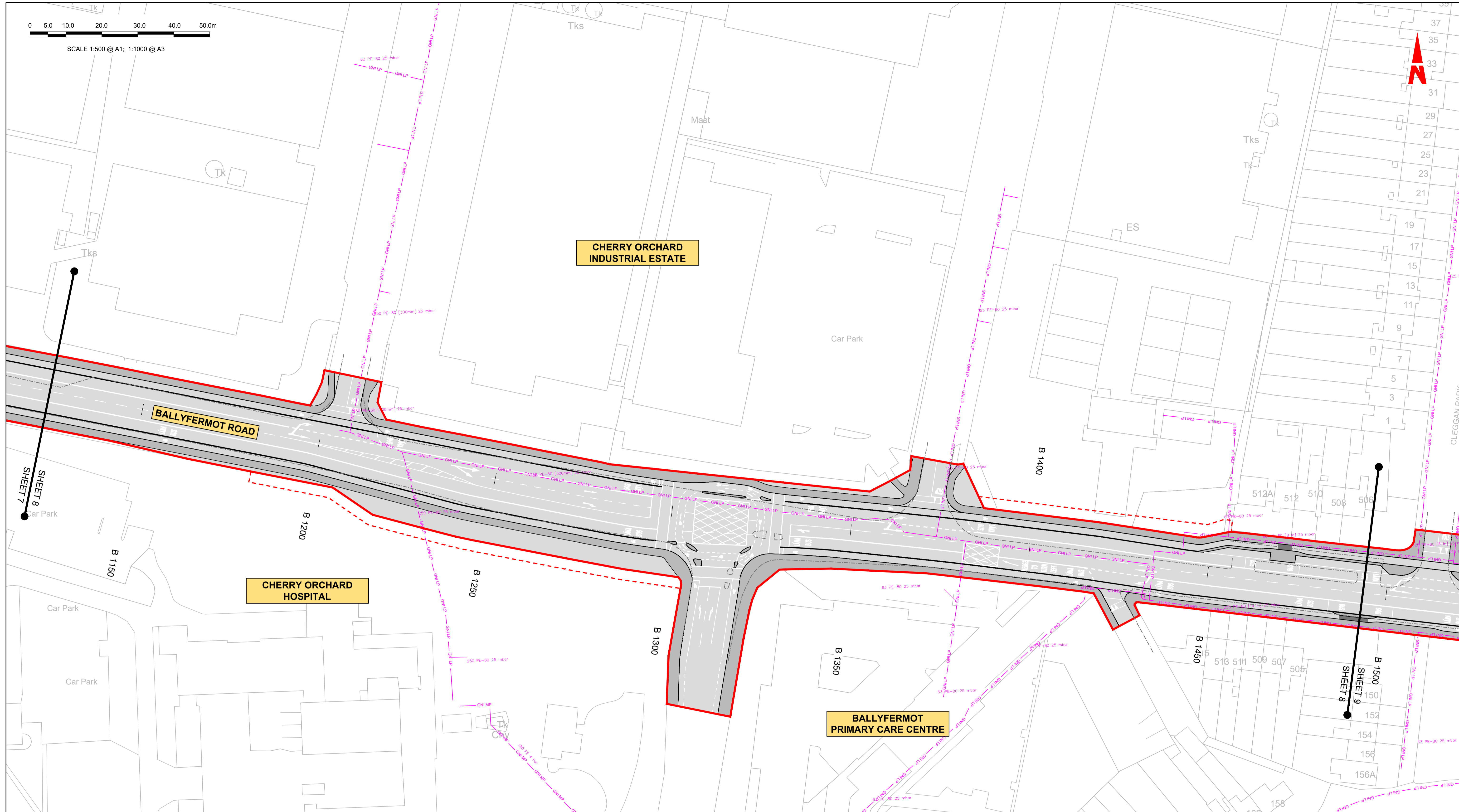
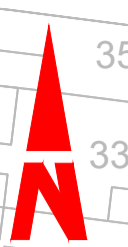
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Date	Scale	Drawn	Checked	Approved
07/06/2022	1:500 @ A1 1:1000 @ A3	PT	KM	JB
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title LIFFEY VALLEY TO CITY CENTRE CORE BUS CORRIDOR SCHEME GNI ASSET ALTERATIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-UTL_UG-0007_XX_00-DR-CU-0007	07 of 28	A	M01

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
---	GAS NETWORKS IRELAND - EXISTING HIGH PRESSURE GAS NETWORK	---	GAS NETWORKS IRELAND - HIGH PRESSURE - PROPOSED UNDERGROUND DIVERSION
---	GAS NETWORKS IRELAND - EXISTING MEDIUM PRESSURE GAS NETWORK	---	GAS NETWORKS IRELAND - MEDIUM PRESSURE - PROPOSED UNDERGROUND DIVERSION
---	GAS NETWORKS IRELAND - EXISTING LOW PRESSURE GAS NETWORK	---	GAS NETWORKS IRELAND - LOW PRESSURE - PROPOSED UNDERGROUND DIVERSION
---	SITE BOUNDARY LINE	---	TEMPORARY LAND ACQUISITION
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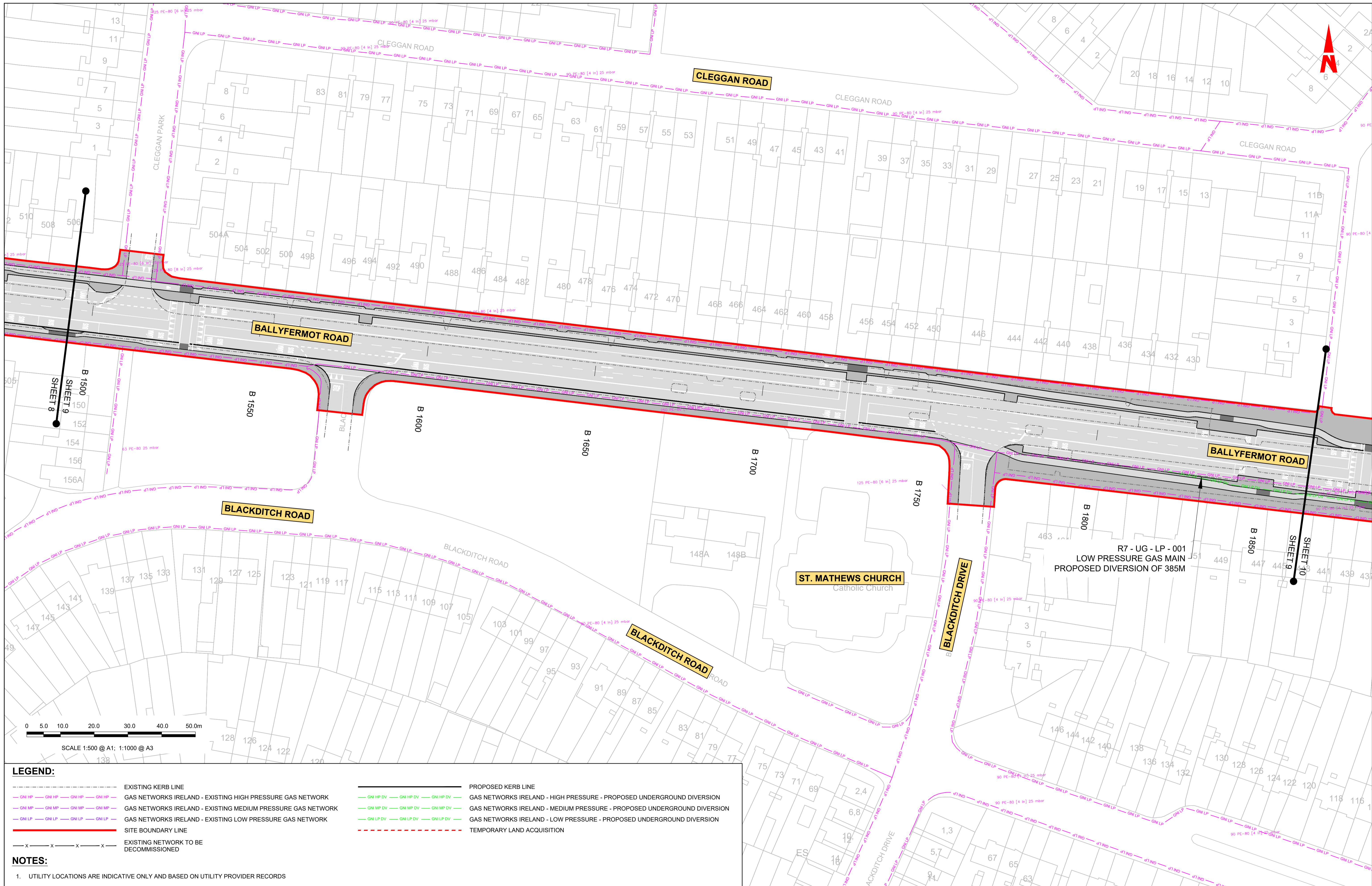
Rev	Date	Drn	Chk'd	App'd	Description
M01	07/06/2022	PT	KM	JB	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date: 07/06/2022	Scale: 1:500 @ A1 1:1000 @ A3	Drawn: PT	Checked: KM	Approved: JB
Project Code: BCIDB	Originator Code: JAC	QMS Code:		

Programme Title: BUSCONNECTS DUBLIN				
CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title: LIFFEY VALLEY TO CITY CENTRE CORE BUS CORRIDOR SCHEME				
GNI ASSET ALTERATIONS				
Drawing File Name: BCIDB-JAC-UTL_UG-0007_XX_00-DR-CU-0008	Sheet Number: 08 of 28	Status: A	Rev: M01	



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 |
| --- | GAS NETWORKS IRELAND - EXISTING HIGH PRESSURE GAS NETWORK | --- | GAS NETWORKS IRELAND - HIGH PRESSURE - PROPOSED UNDERGROUND DIVERSION |
| --- | GAS NETWORKS IRELAND - EXISTING MEDIUM PRESSURE GAS NETWORK | --- | GAS NETWORKS IRELAND - MEDIUM PRESSURE - PROPOSED UNDERGROUND DIVERSION |
| --- | GAS NETWORKS IRELAND - EXISTING LOW PRESSURE GAS NETWORK | --- | GAS NETWORKS IRELAND - LOW PRESSURE - PROPOSED UNDERGROUND DIVERSION |
| --- | SITE BOUNDARY LINE | --- | TEMPORARY LAND ACQUISITION |
| --- | EXISTING NETWORK TO BE DECOMMISSIONED | | |

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Rev	Date	Drn	Chk'd	App'd	Description
M01	07/06/2022	PT	KM	JB	ISSUE FOR PHASE 4: PLANNING

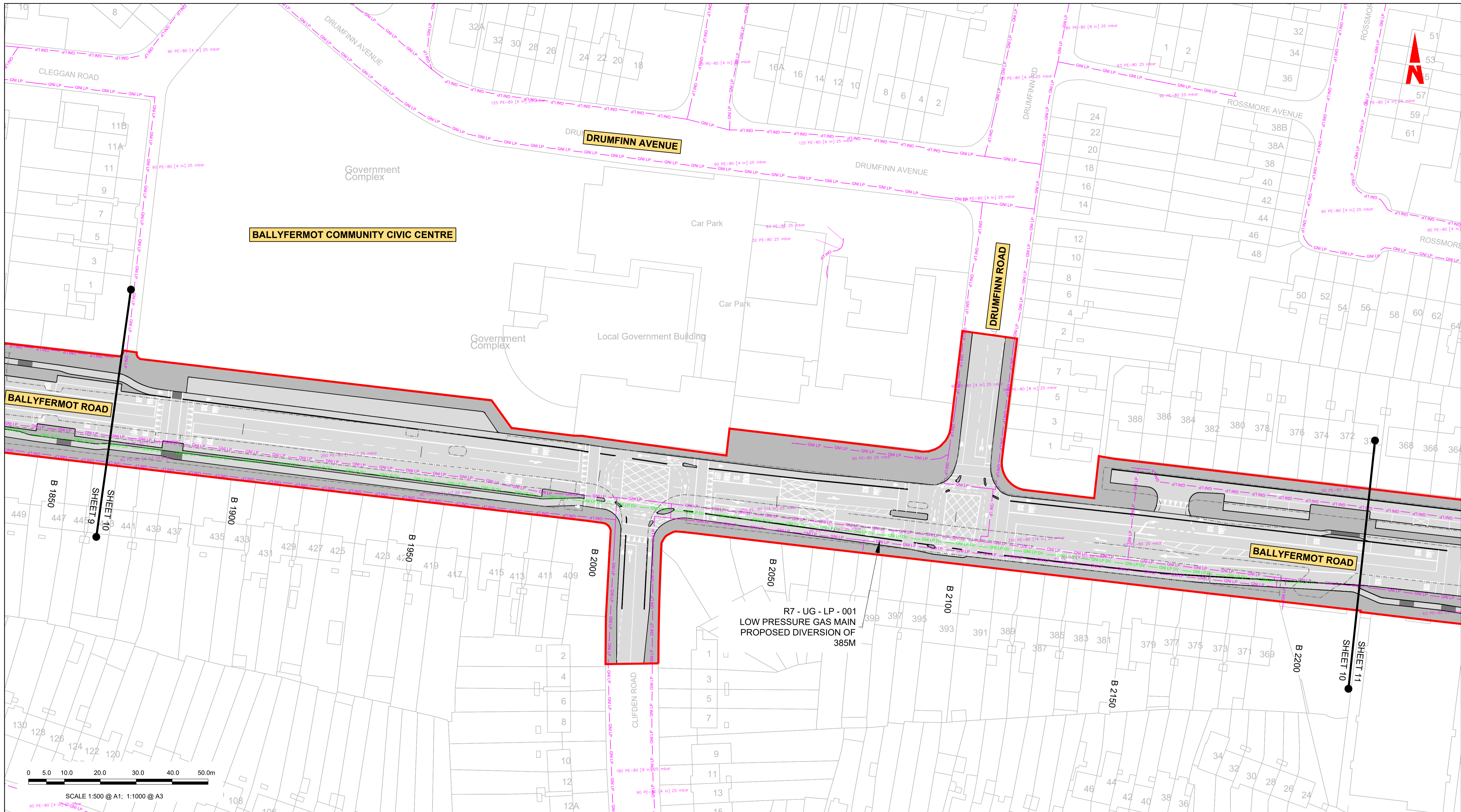
Client: **NTA**
 Údarás Náisiúnta Iompair
 National Transport Authority

Engineering Designer: **Jacobs**

Date	Scale	Drawn	Checked	Approved
07/06/2022	1:500 @ A1 1:1000 @ A3	PT	KM	JB

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

Programme Title	BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS		
Drawing Title	LIFFEY VALLEY TO CITY CENTRE CORE BUS CORRIDOR SCHEME GNI ASSET ALTERATIONS		
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-UTL_UG-0007_XX_00-DR-CU-0009	09 of 28	A	M01



LEGEND:

	EXISTING KERB LINE		PROPOSED KERB LINE
	GAS NETWORKS IRELAND - EXISTING HIGH PRESSURE GAS NETWORK		GAS NETWORKS IRELAND - HIGH PRESSURE - PROPOSED UNDERGROUND DIVERSION
	GAS NETWORKS IRELAND - EXISTING MEDIUM PRESSURE GAS NETWORK		GAS NETWORKS IRELAND - MEDIUM PRESSURE - PROPOSED UNDERGROUND DIVERSION
	GAS NETWORKS IRELAND - EXISTING LOW PRESSURE GAS NETWORK		GAS NETWORKS IRELAND - LOW PRESSURE - PROPOSED UNDERGROUND DIVERSION
	SITE BOUNDARY LINE		TEMPORARY LAND ACQUISITION
	EXISTING NETWORK TO BE DECOMMISSIONED		

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M01	07/06/2022	PT	KM	JB	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date	Scale	Drawn	Checked	Approved
07/06/2022	1:500 @ A1 1:1000 @ A3	PT	KM	JB

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

Programme Title		BUSCONNECTS DUBLIN	
		CORE BUS CORRIDORS INFRASTRUCTURE WORKS	
Drawing Title		LIFFEY VALLEY TO CITY CENTRE CORE BUS CORRIDOR SCHEME GNI ASSET ALTERATIONS	
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-UTL_UG-0007_XX_00-DR-CU-0010	10 of 28	A	M01

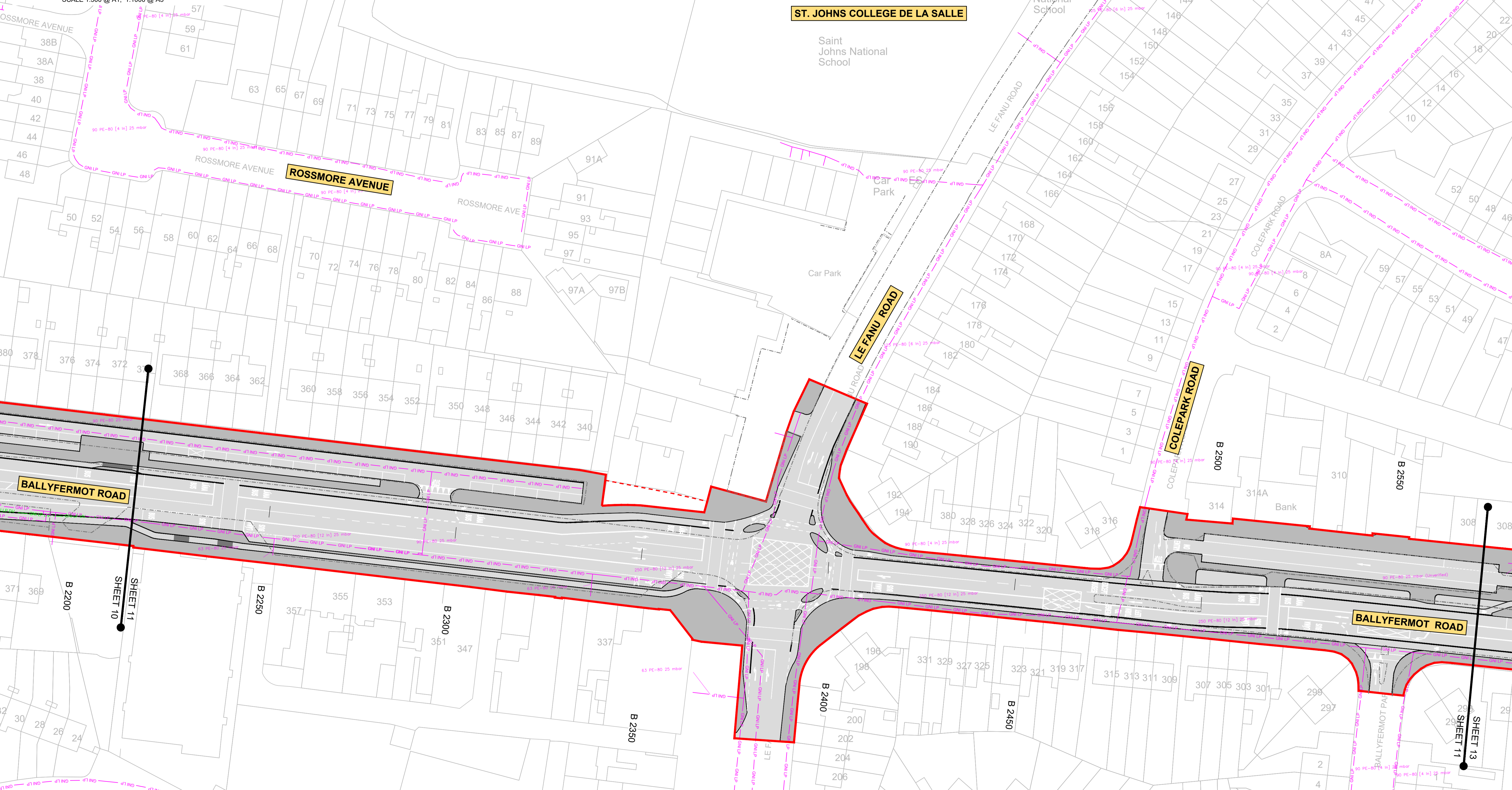
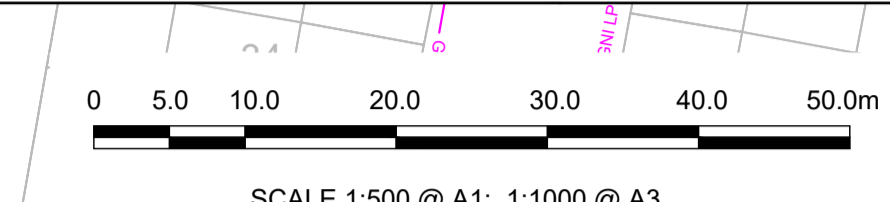
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LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- GAS NETWORKS IRELAND - EXISTING HIGH PRESSURE GAS NETWORK
- GAS NETWORKS IRELAND - HIGH PRESSURE - PROPOSED UNDERGROUND DIVERSION
- GAS NETWORKS IRELAND - EXISTING MEDIUM PRESSURE GAS NETWORK
- GAS NETWORKS IRELAND - MEDIUM PRESSURE - PROPOSED UNDERGROUND DIVERSION
- GAS NETWORKS IRELAND - EXISTING LOW PRESSURE GAS NETWORK
- GAS NETWORKS IRELAND - LOW PRESSURE - PROPOSED UNDERGROUND DIVERSION
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION
- EXISTING NETWORK TO BE DECOMMISSIONED

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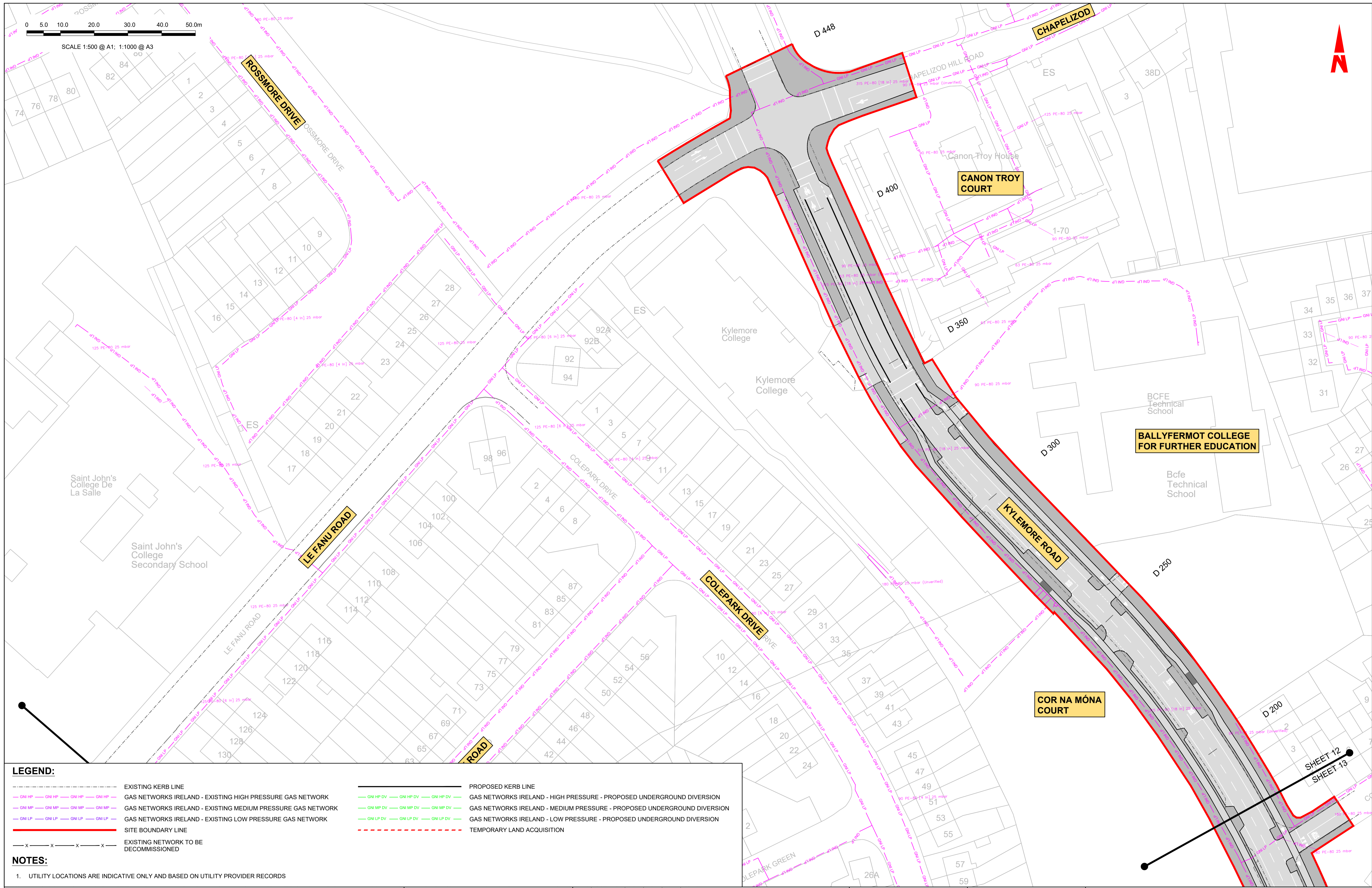
Client: **NTA**
 Údarás Náisiúnta Iompair
 National Transport Authority

Engineering Designer: **Jacobs**

Date: 07/06/2022 Scale: 1:500 @ A1, 1:1000 @ A3
 Drawn: PT, Checked: KM, Approved: JB

Project Code: BCIDB, Originator Code: JAC, QMS Code:

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: LIFFEY VALLEY TO CITY CENTRE CORE BUS CORRIDOR SCHEME GNI ASSET ALTERATIONS			
Drawing File Name: BCIDB-JAC-UTL_UG-0007_XX_00-DR-CU-0011	Sheet Number: 11 of 28	Status: A	Rev: M01



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
- GAS NETWORKS IRELAND - EXISTING HIGH PRESSURE GAS NETWORK
- GAS NETWORKS IRELAND - HIGH PRESSURE - PROPOSED UNDERGROUND DIVERSION
- GAS NETWORKS IRELAND - EXISTING MEDIUM PRESSURE GAS NETWORK
- GAS NETWORKS IRELAND - MEDIUM PRESSURE - PROPOSED UNDERGROUND DIVERSION
- GAS NETWORKS IRELAND - EXISTING LOW PRESSURE GAS NETWORK
- GAS NETWORKS IRELAND - LOW PRESSURE - PROPOSED UNDERGROUND DIVERSION
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION
- EXISTING NETWORK TO BE DECOMMISSIONED

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Rev	Date	Drn	Chk'd	App'd	Description
M01	07/06/2022	PT	KM	JB	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date: 07/06/2022 Scale: 1:500 @ A1, 1:1000 @ A3
 Drawn: PT, Checked: KM, Approved: JB

Project Code: BCIDB, Originator Code: JAC, QMS Code:

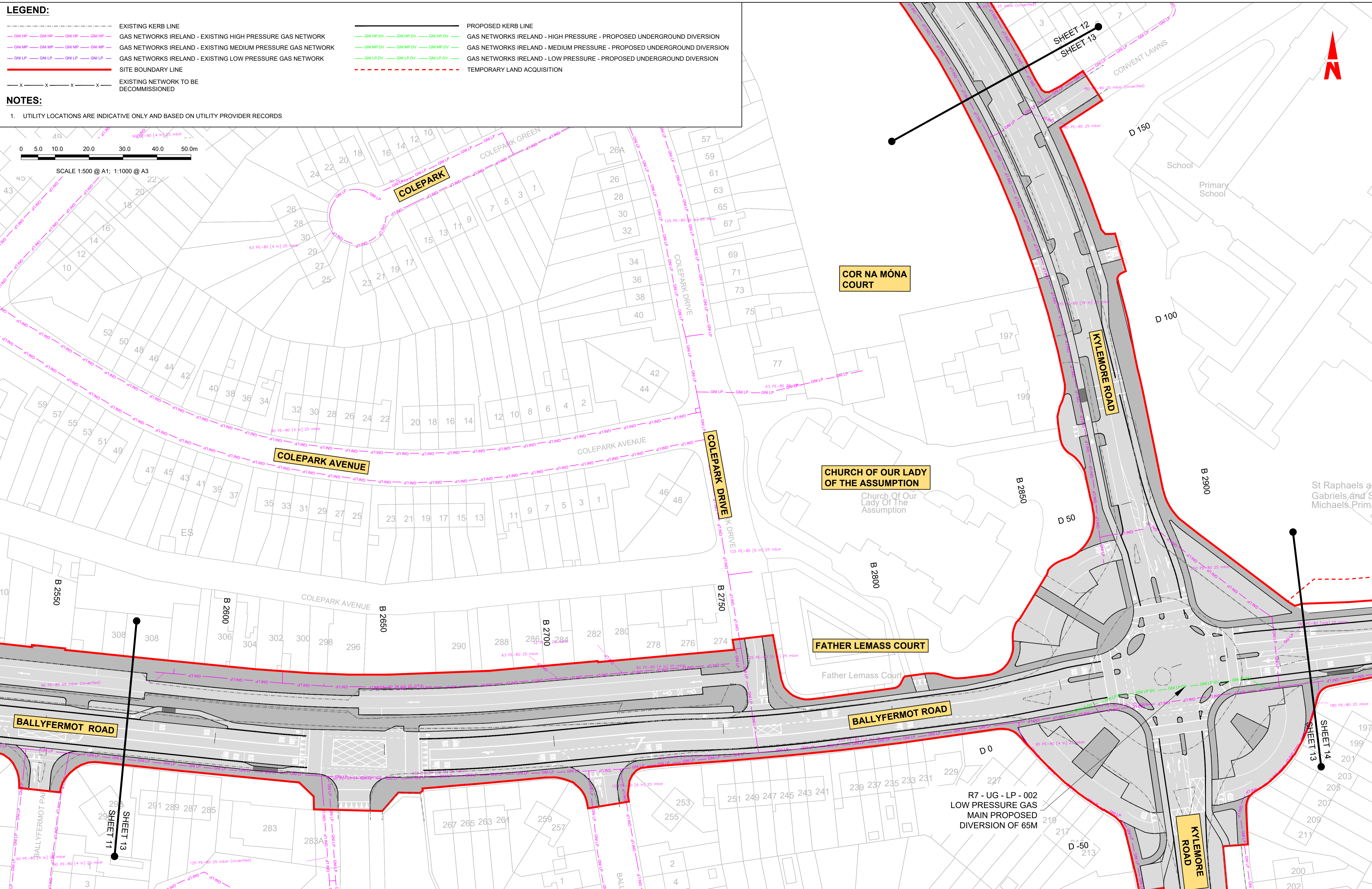
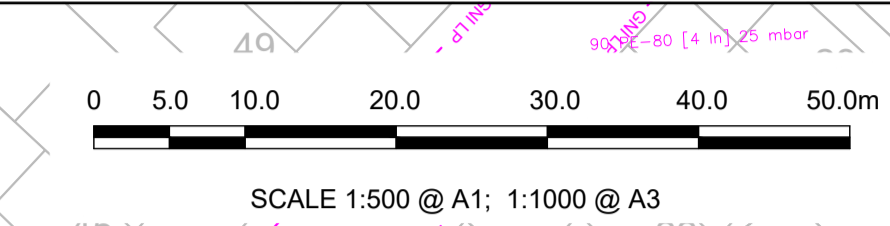
Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: LIFFEY VALLEY TO CITY CENTRE CORE BUS CORRIDOR SCHEME GNI ASSET ALTERATIONS			
Drawing File Name: BCIDB-JAC-UTL_UG-0007_XX_00-DR-CU-0012	Sheet Number: 12 of 28	Status: A	Rev: M01

LEGEND:

	EXISTING KERB LINE		PROPOSED KERB LINE
	GAS NETWORKS IRELAND - EXISTING HIGH PRESSURE GAS NETWORK		GAS NETWORKS IRELAND - HIGH PRESSURE - PROPOSED UNDERGROUND DIVERSION
	GAS NETWORKS IRELAND - EXISTING MEDIUM PRESSURE GAS NETWORK		GAS NETWORKS IRELAND - MEDIUM PRESSURE - PROPOSED UNDERGROUND DIVERSION
	GAS NETWORKS IRELAND - EXISTING LOW PRESSURE GAS NETWORK		GAS NETWORKS IRELAND - LOW PRESSURE - PROPOSED UNDERGROUND DIVERSION
	SITE BOUNDARY LINE		TEMPORARY LAND ACQUISITION
	EXISTING NETWORK TO BE DECOMMISSIONED		

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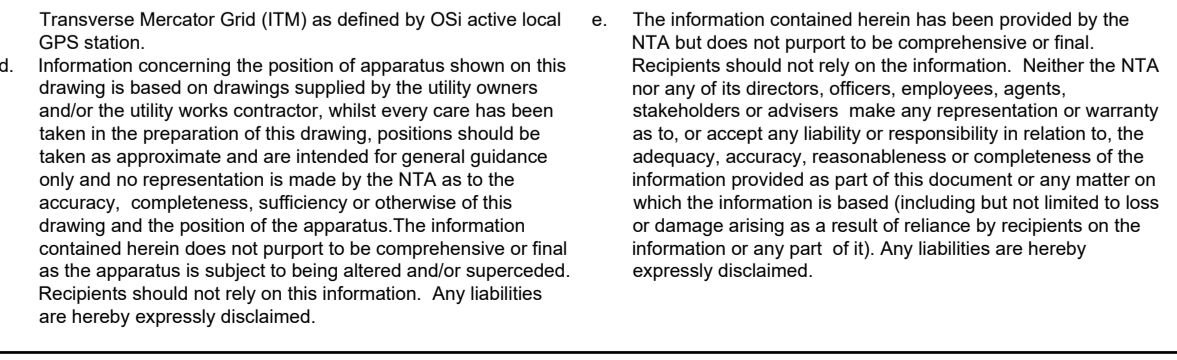
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Rev	Date	Drm	Chk'd	App'd	Description
M01	07/06/2022	PT	KM	JB	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date: 07/06/2022 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: PT | Checked: KM | Approved: JB

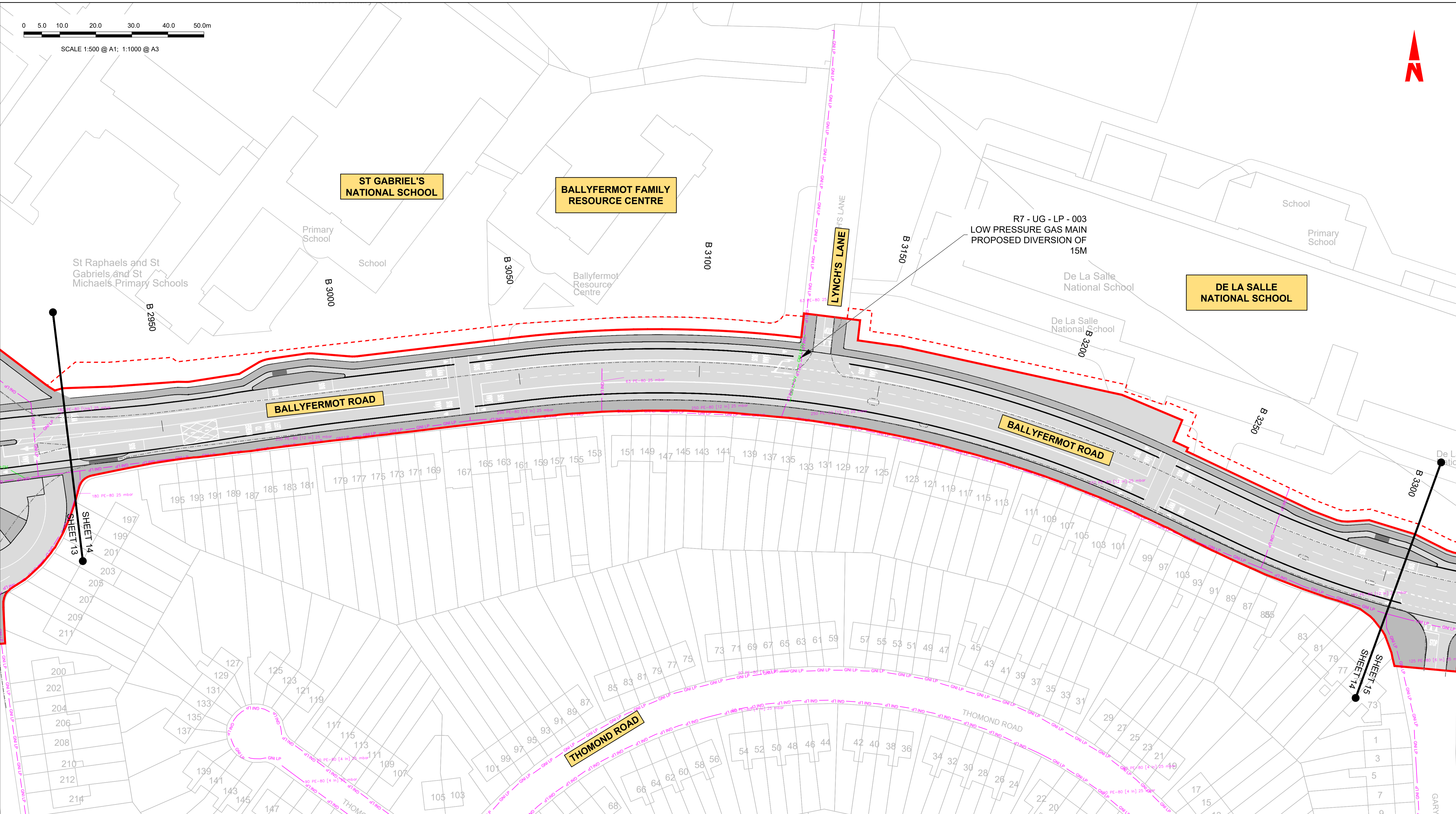
Project Code: BCIDB | Originator Code: JAC | QMS Code:

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: LIFFEY VALLEY TO CITY CENTRE CORE BUS CORRIDOR SCHEME GNI ASSET ALTERATIONS			
Drawing File Name: BCIDB-JAC-UTL_UG-0007_XX_00-DR-CU-0013	Sheet Number: 13 of 28	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
	GAS NETWORKS IRELAND - EXISTING HIGH PRESSURE GAS NETWORK		GAS NETWORKS IRELAND - HIGH PRESSURE - PROPOSED UNDERGROUND DIVERSION
	GAS NETWORKS IRELAND - EXISTING MEDIUM PRESSURE GAS NETWORK		GAS NETWORKS IRELAND - MEDIUM PRESSURE - PROPOSED UNDERGROUND DIVERSION
	GAS NETWORKS IRELAND - EXISTING LOW PRESSURE GAS NETWORK		GAS NETWORKS IRELAND - LOW PRESSURE - PROPOSED UNDERGROUND DIVERSION
	SITE BOUNDARY LINE		TEMPORARY LAND ACQUISITION
	EXISTING NETWORK TO BE DECOMMISSIONED		

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M01	07/06/2022	PT	KM	JB	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date: 07/06/2022 Scale: 1:500 @ A1, 1:1000 @ A3

Project Code: BCIDB Originator Code: JAC

Drawn: PT Checked: KM Approved: JB

QMS Code:

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

Drawing Title: LIFFEY VALLEY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
GNI ASSET ALTERATIONS

Drawing File Name: BCIDB-JAC-UTL_UG-0007_XX_00-DR-CU-0014

Sheet Number: 14 of 28 Status: A Rev: M01

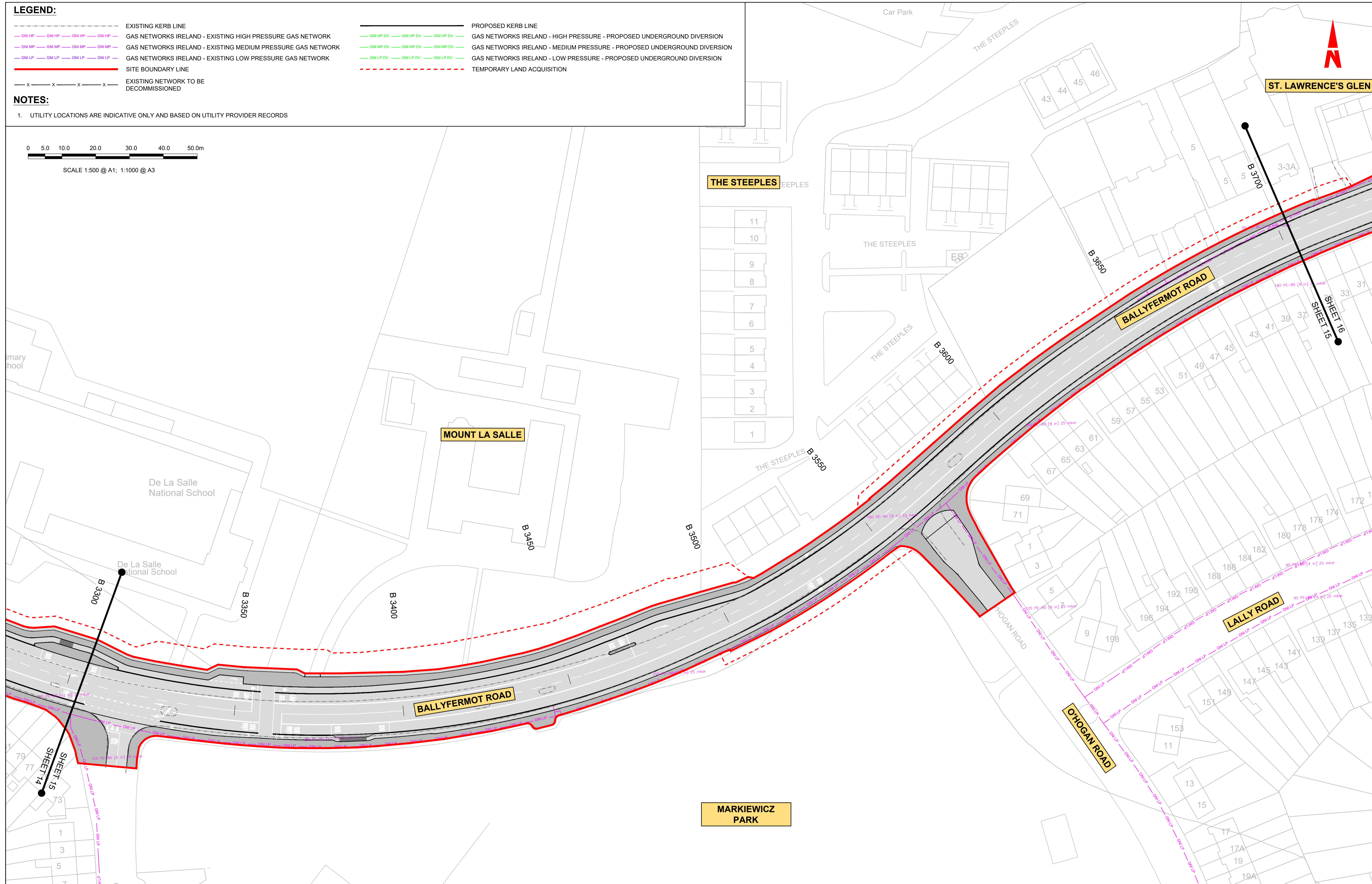
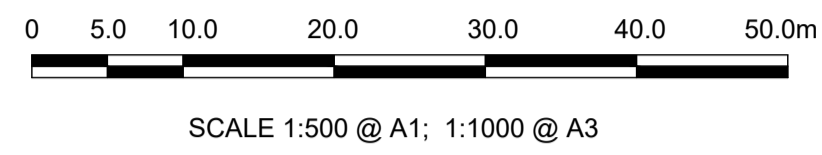
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LEGEND:

- EXISTING KERB LINE
- GAS NETWORKS IRELAND - EXISTING HIGH PRESSURE GAS NETWORK
- GAS NETWORKS IRELAND - EXISTING MEDIUM PRESSURE GAS NETWORK
- GAS NETWORKS IRELAND - EXISTING LOW PRESSURE GAS NETWORK
- SITE BOUNDARY LINE
- EXISTING NETWORK TO BE DECOMMISSIONED
- PROPOSED KERB LINE
- GAS NETWORKS IRELAND - HIGH PRESSURE - PROPOSED UNDERGROUND DIVERSION
- GAS NETWORKS IRELAND - MEDIUM PRESSURE - PROPOSED UNDERGROUND DIVERSION
- GAS NETWORKS IRELAND - LOW PRESSURE - PROPOSED UNDERGROUND DIVERSION
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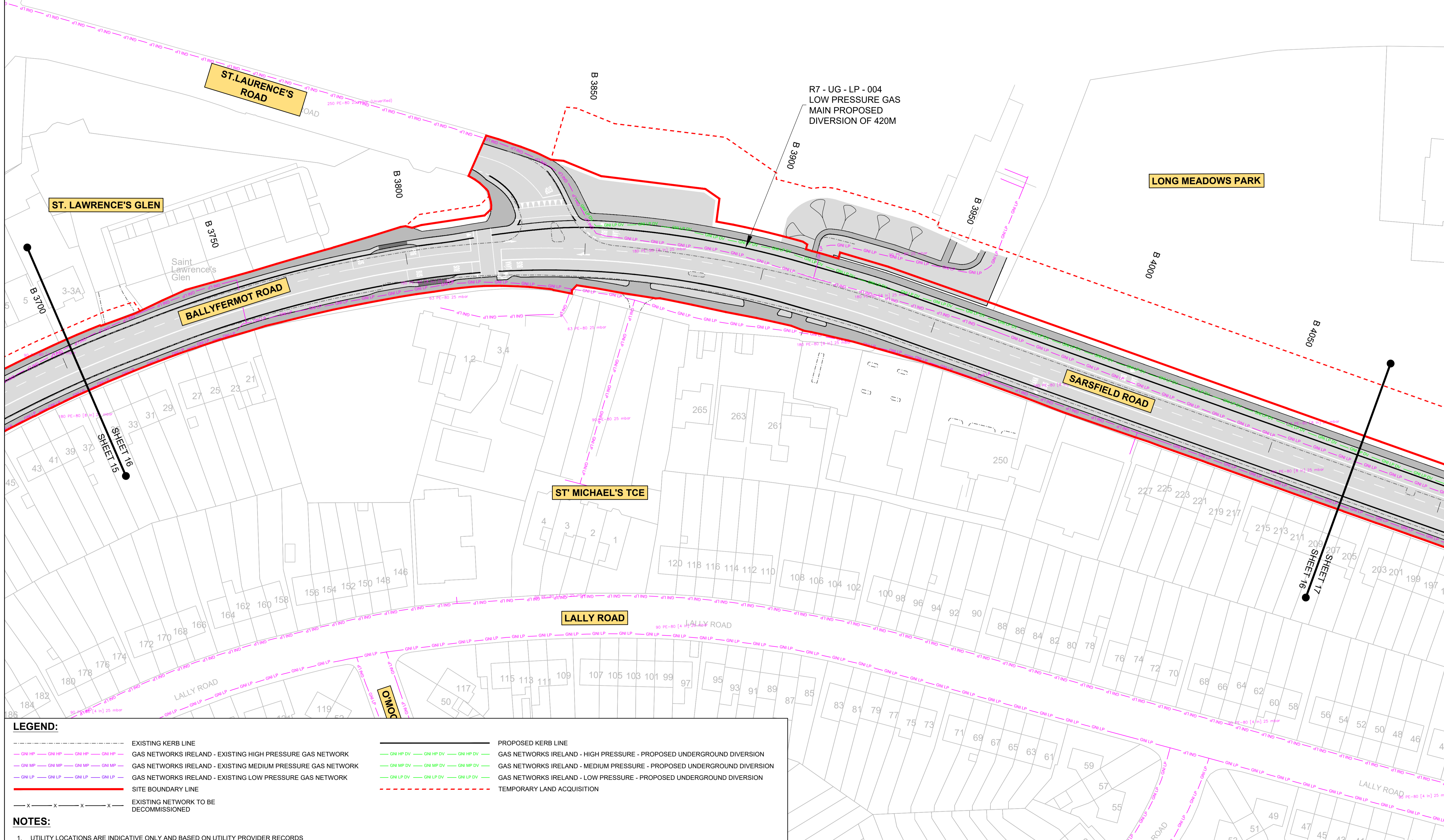
Rev	Date	Drn	Chk'd	App'd	Description
M01	07/06/2022	PT	KM	JB	ISSUE FOR PHASE 4: PLANNING

 Date: 07/06/2022 Project Code: BCIDB		 Engineering Designer Drawn: PT Checked: KM Approved: JB	
Scale: 1:500 @ A1 1:1000 @ A3	Originator Code: JAC	QMS Code:	

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: LIFFEY VALLEY TO CITY CENTRE CORE BUS CORRIDOR SCHEME GNI ASSET ALTERATIONS			
Drawing File Name: BCIDB-JAC-UTL_UG-0007_XX_00-DR-CU-0015	Sheet Number: 15 of 28	Status: A	Rev: M01

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
	GAS NETWORKS IRELAND - EXISTING HIGH PRESSURE GAS NETWORK		GAS NETWORKS IRELAND - HIGH PRESSURE - PROPOSED UNDERGROUND DIVERSION
	GAS NETWORKS IRELAND - EXISTING MEDIUM PRESSURE GAS NETWORK		GAS NETWORKS IRELAND - MEDIUM PRESSURE - PROPOSED UNDERGROUND DIVERSION
	GAS NETWORKS IRELAND - EXISTING LOW PRESSURE GAS NETWORK		GAS NETWORKS IRELAND - LOW PRESSURE - PROPOSED UNDERGROUND DIVERSION
	SITE BOUNDARY LINE		TEMPORARY LAND ACQUISITION
	EXISTING NETWORK TO BE DECOMMISSIONED		

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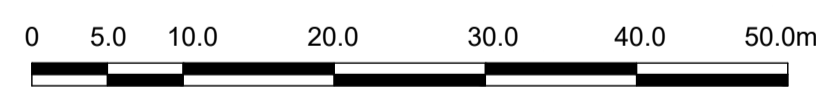
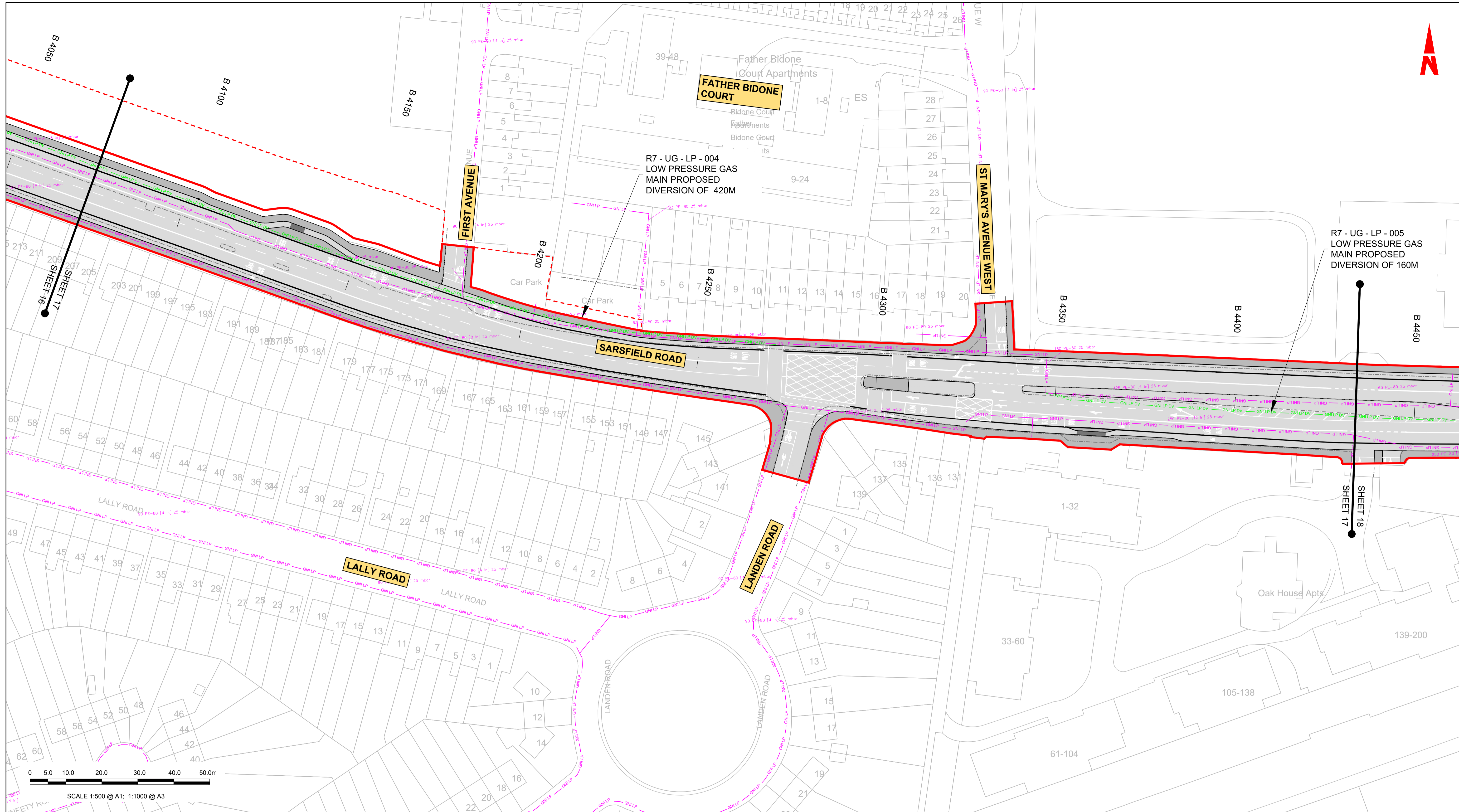


Rev	Date	Drn	Chk'd	App'd	Description
M01	07/06/2022	PT	KM	JB	ISSUE FOR PHASE 4: PLANNING

 Údarás Náisiúnta Iompair National Transport Authority		 Engineering Designer		
Date	Scale	Drawn	Checked	Approved
07/06/2022	1:500 @ A1 1:1000 @ A3	PT	KM	JB
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title LIFFEY VALLEY TO CITY CENTRE CORE BUS CORRIDOR SCHEME GNI ASSET ALTERATIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-UTL_UG-007_XX_00-DR-CU-0016	16 of 28	A	M01

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

LEGEND:	
	EXISTING KERB LINE
	GAS NETWORKS IRELAND - EXISTING HIGH PRESSURE GAS NETWORK
	GAS NETWORKS IRELAND - EXISTING MEDIUM PRESSURE GAS NETWORK
	GAS NETWORKS IRELAND - EXISTING LOW PRESSURE GAS NETWORK
	SITE BOUNDARY LINE
	EXISTING NETWORK TO BE DECOMMISSIONED
	PROPOSED KERB LINE
	GAS NETWORKS IRELAND - HIGH PRESSURE - PROPOSED UNDERGROUND DIVERSION
	GAS NETWORKS IRELAND - MEDIUM PRESSURE - PROPOSED UNDERGROUND DIVERSION
	GAS NETWORKS IRELAND - LOW PRESSURE - PROPOSED UNDERGROUND DIVERSION
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Client NTA Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer Jacobs		
Date 07/06/2022	Scale 1:500 @ A1 1:1000 @ A3	Drawn PT	Checked KM	Approved JB
Project Code BCIDB	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title LIFFEY VALLEY TO CITY CENTRE CORE BUS CORRIDOR SCHEME GNI ASSET ALTERATIONS			
Drawing File Name BCIDB-JAC-UTL_UG-0007_XX_00-DR-CU-0017	Sheet Number 17 of 28	Status A	Rev M01

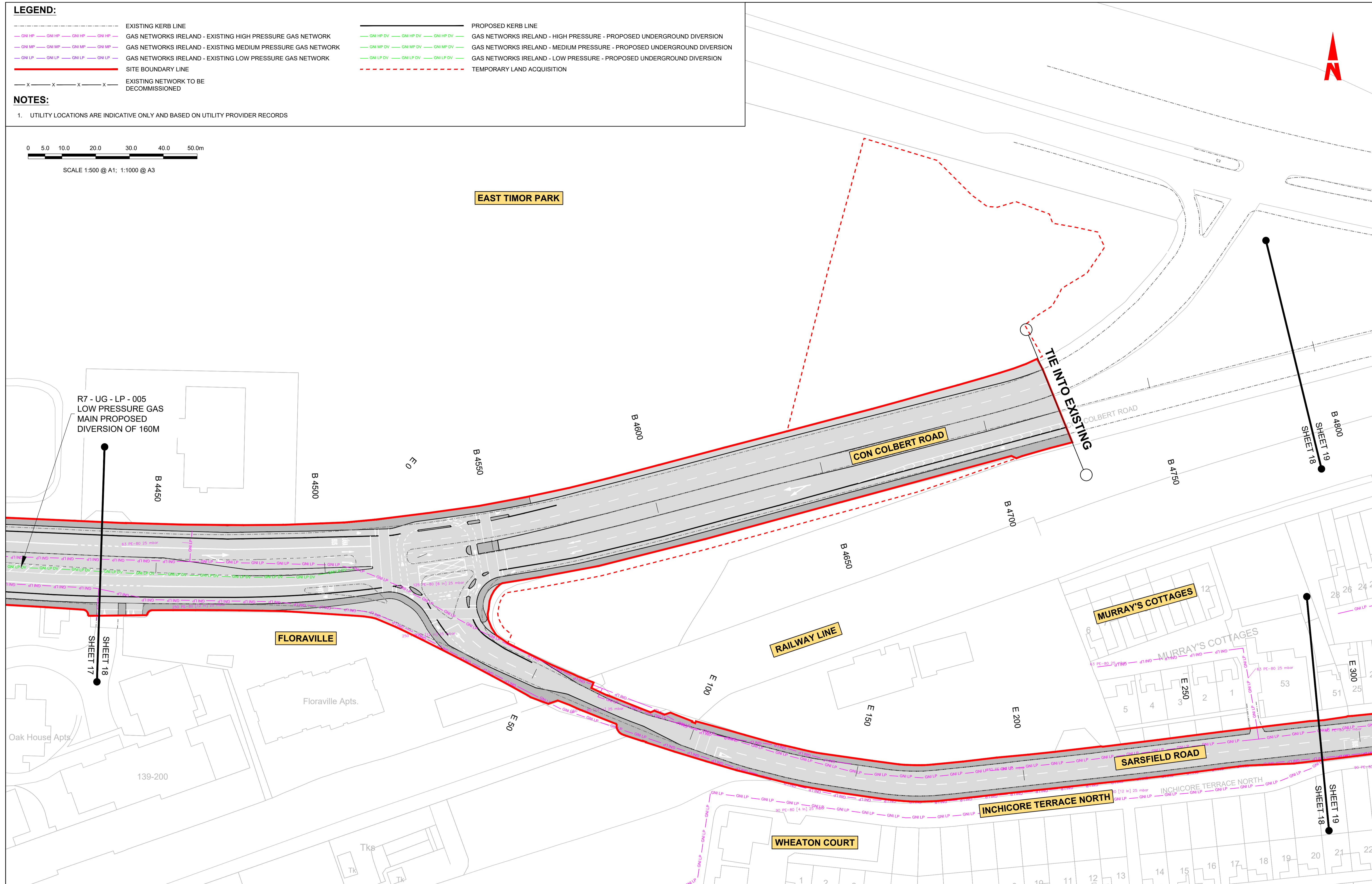
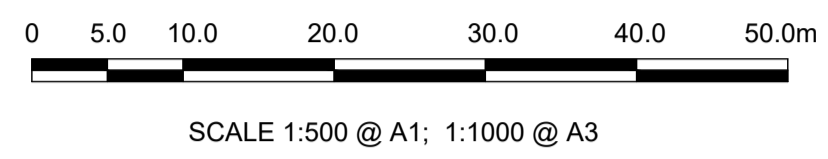
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LEGEND:

	EXISTING KERB LINE		PROPOSED KERB LINE
	GAS NETWORKS IRELAND - EXISTING HIGH PRESSURE GAS NETWORK		GAS NETWORKS IRELAND - HIGH PRESSURE - PROPOSED UNDERGROUND DIVERSION
	GAS NETWORKS IRELAND - EXISTING MEDIUM PRESSURE GAS NETWORK		GAS NETWORKS IRELAND - MEDIUM PRESSURE - PROPOSED UNDERGROUND DIVERSION
	GAS NETWORKS IRELAND - EXISTING LOW PRESSURE GAS NETWORK		GAS NETWORKS IRELAND - LOW PRESSURE - PROPOSED UNDERGROUND DIVERSION
	SITE BOUNDARY LINE		TEMPORARY LAND ACQUISITION
	EXISTING NETWORK TO BE DECOMMISSIONED		

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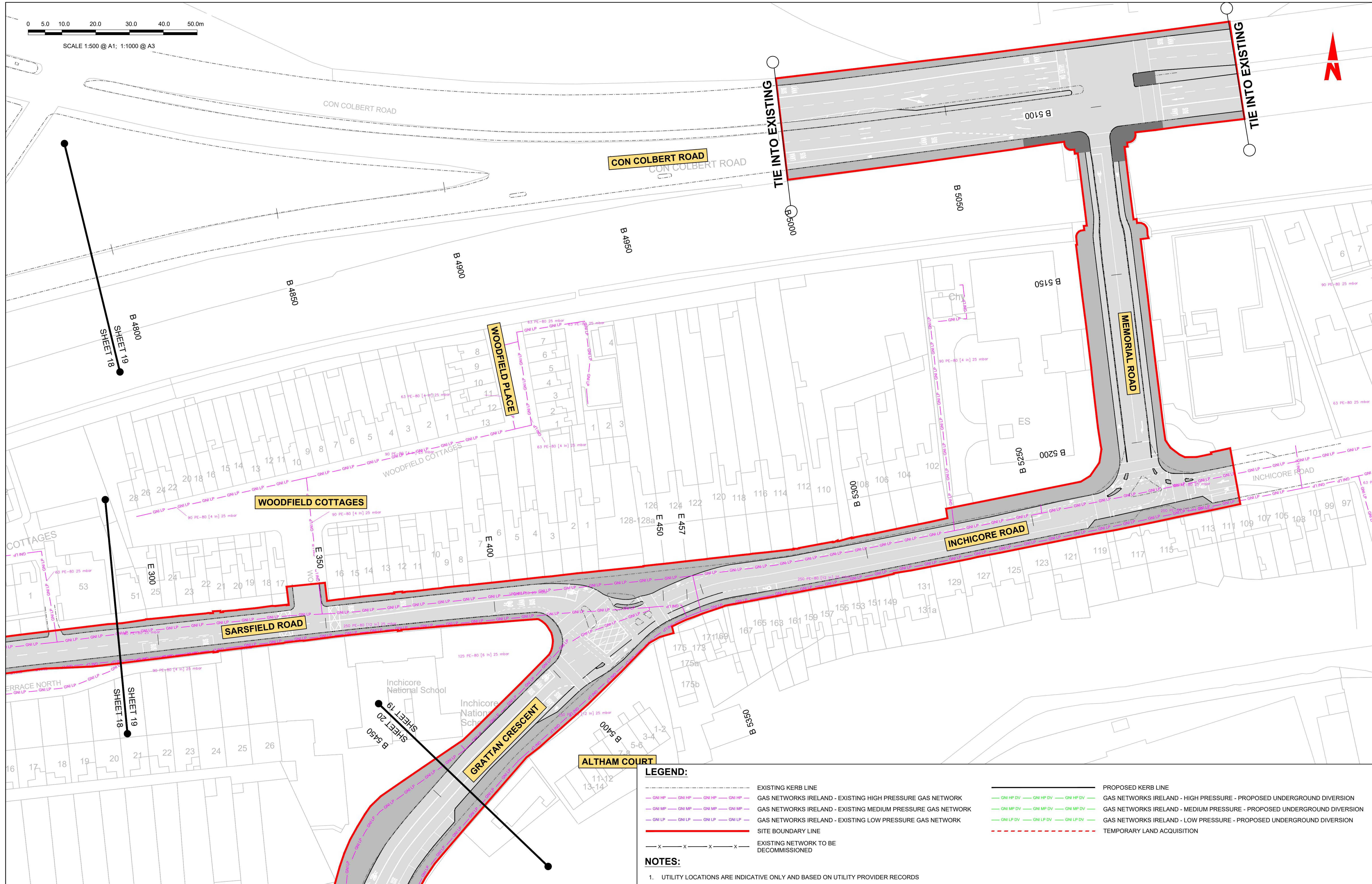
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Date 07/06/2022	Scale 1:500 @ A1 1:1000 @ A3	Drawn PT	Checked KM	Approved JB
Project Code BCIDB	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS	Drawing Title LIFFEY VALLEY TO CITY CENTRE CORE BUS CORRIDOR SCHEME GNI ASSET ALTERATIONS		
Drawing File Name BCIDB-JAC-UTL_UG-0007_XX_00-DR-CU-0018	Sheet Number 18 of 28	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
- GAS NETWORKS IRELAND - EXISTING HIGH PRESSURE GAS NETWORK
- GAS NETWORKS IRELAND - EXISTING MEDIUM PRESSURE GAS NETWORK
- GAS NETWORKS IRELAND - EXISTING LOW PRESSURE GAS NETWORK
- SITE BOUNDARY LINE
- EXISTING NETWORK TO BE DECOMMISSIONED
- PROPOSED KERB LINE
- GAS NETWORKS IRELAND - HIGH PRESSURE - PROPOSED UNDERGROUND DIVERSION
- GAS NETWORKS IRELAND - MEDIUM PRESSURE - PROPOSED UNDERGROUND DIVERSION
- GAS NETWORKS IRELAND - LOW PRESSURE - PROPOSED UNDERGROUND DIVERSION
- TEMPORARY LAND ACQUISITION

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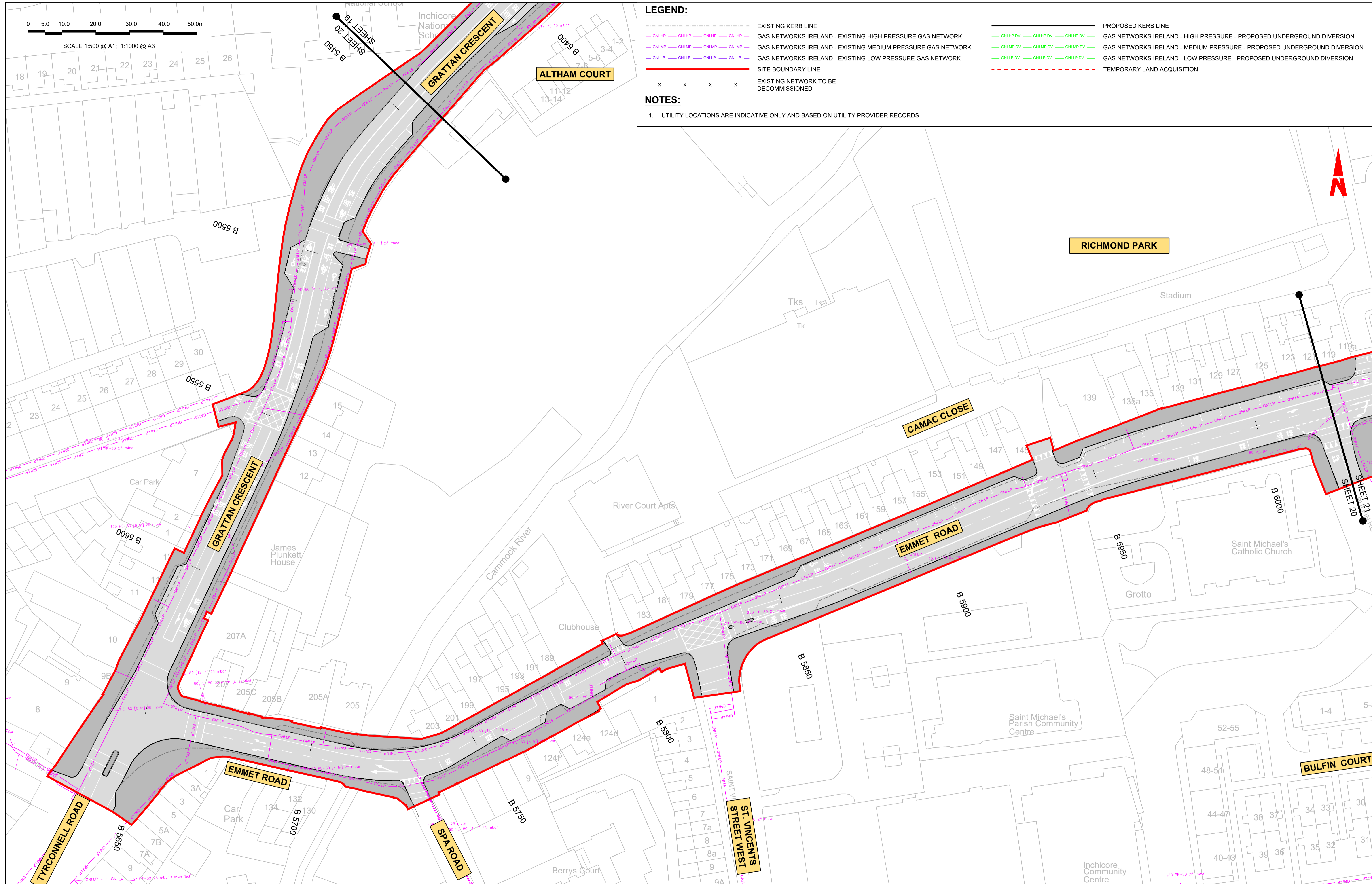
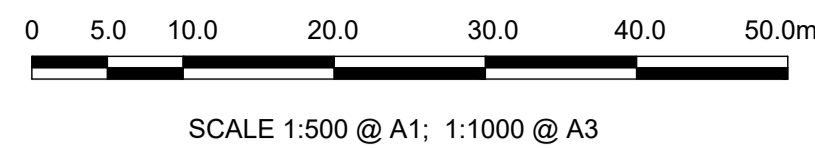


Rev	Date	Drm	Chk'd	App'd	Description
M01	07/06/2022	PT	KM	JB	ISSUE FOR PHASE 4: PLANNING

Client NTA Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer Jacobs		
Date 07/06/2022	Scale 1:500 @ A1 1:1000 @ A3	Drawn PT	Checked KM	Approved JB
Project Code BCIDB	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title LIFFEY VALLEY TO CITY CENTRE CORE BUS CORRIDOR SCHEME GNI ASSET ALTERATIONS			
Drawing File Name BCIDB-JAC-UTL_UG-0007_XX_00-DR-CU-0019	Sheet Number 19 of 28	Status A	Rev M01

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LEGEND:

- EXISTING KERB LINE
- GAS NETWORKS IRELAND - EXISTING HIGH PRESSURE GAS NETWORK
- GAS NETWORKS IRELAND - EXISTING MEDIUM PRESSURE GAS NETWORK
- GAS NETWORKS IRELAND - EXISTING LOW PRESSURE GAS NETWORK
- SITE BOUNDARY LINE
- EXISTING NETWORK TO BE DECOMMISSIONED
- PROPOSED KERB LINE
- GAS NETWORKS IRELAND - HIGH PRESSURE - PROPOSED UNDERGROUND DIVERSION
- GAS NETWORKS IRELAND - MEDIUM PRESSURE - PROPOSED UNDERGROUND DIVERSION
- GAS NETWORKS IRELAND - LOW PRESSURE - PROPOSED UNDERGROUND DIVERSION
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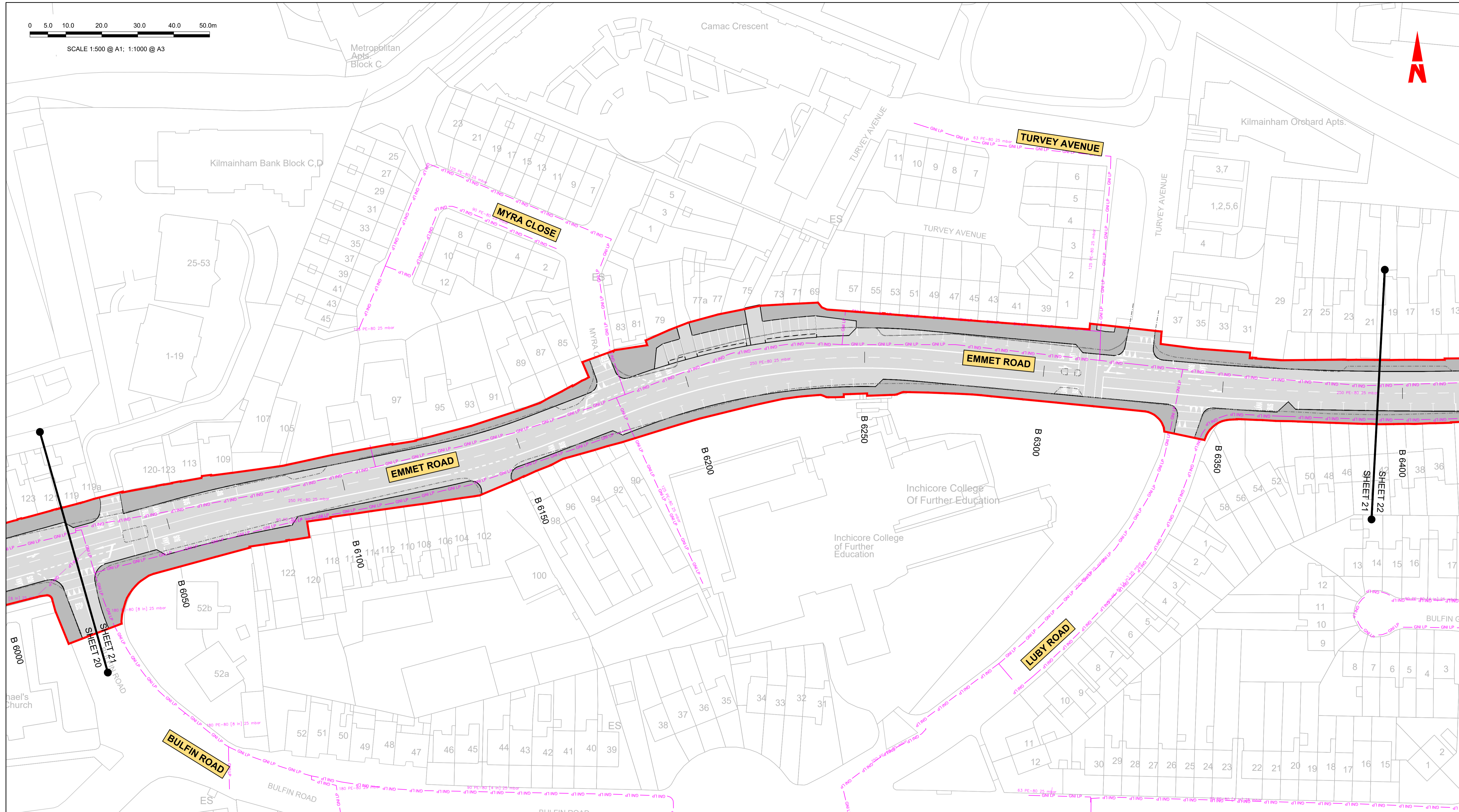
Rev	Date	Drn	Chk'd	App'd	Description
M01	07/06/2022	PT	KM	JB	ISSUE FOR PHASE 4: PLANNING

Client NTA Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer Jacobs		
Date 07/06/2022	Scale 1:500 @ A1 1:1000 @ A3	Drawn PT	Checked KM	Approved JB
Project Code BCIDB	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title LIFFEY VALLEY TO CITY CENTRE CORE BUS CORRIDOR SCHEME GNI ASSET ALTERATIONS			
Drawing File Name BCIDB-JAC-UTL_UG-0007_XX_00-DR-CU-0020	Sheet Number 20 of 28	Status A	Rev M01

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
	GAS NETWORKS IRELAND - EXISTING HIGH PRESSURE GAS NETWORK		GAS NETWORKS IRELAND - HIGH PRESSURE - PROPOSED UNDERGROUND DIVERSION
	GAS NETWORKS IRELAND - EXISTING MEDIUM PRESSURE GAS NETWORK		GAS NETWORKS IRELAND - MEDIUM PRESSURE - PROPOSED UNDERGROUND DIVERSION
	GAS NETWORKS IRELAND - EXISTING LOW PRESSURE GAS NETWORK		GAS NETWORKS IRELAND - LOW PRESSURE - PROPOSED UNDERGROUND DIVERSION
	SITE BOUNDARY LINE		TEMPORARY LAND ACQUISITION
	EXISTING NETWORK TO BE DECOMMISSIONED		

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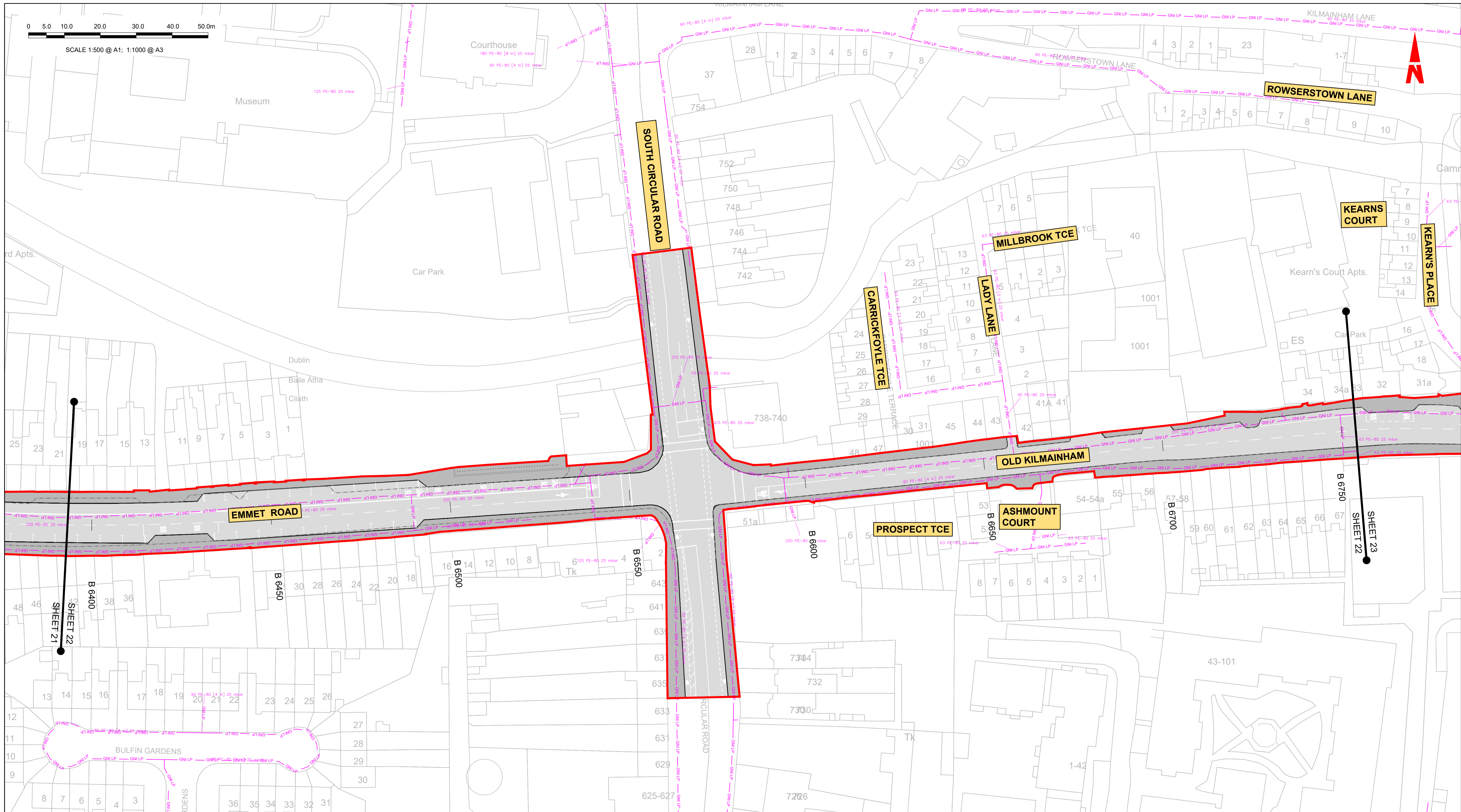
Client: **NTA**
Údarás Náisiúnta Iompair
National Transport Authority

Engineering Designer: **Jacobs**

Date	Scale	Drawn	Checked	Approved
07/06/2022	1:500 @ A1 1:1000 @ A3	PT	KM	JB
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title				BUSCONNECTS DUBLIN			
				CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title				LIFFEY VALLEY TO CITY CENTRE CORE BUS CORRIDOR SCHEME			
				GNI ASSET ALTERATIONS			
Drawing File Name		Sheet Number		Status		Rev	
BCIDB-JAC-UTL_UG-007_XX_00-DR-CU-0021		21 of 28		A		M01	

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LEGEND:

	EXISTING KERB LINE		PROPOSED KERB LINE
	GAS NETWORKS IRELAND - EXISTING HIGH PRESSURE GAS NETWORK		GAS NETWORKS IRELAND - HIGH PRESSURE - PROPOSED UNDERGROUND DIVERSION
	GAS NETWORKS IRELAND - EXISTING MEDIUM PRESSURE GAS NETWORK		GAS NETWORKS IRELAND - MEDIUM PRESSURE - PROPOSED UNDERGROUND DIVERSION
	GAS NETWORKS IRELAND - EXISTING LOW PRESSURE GAS NETWORK		GAS NETWORKS IRELAND - LOW PRESSURE - PROPOSED UNDERGROUND DIVERSION
	SITE BOUNDARY LINE		TEMPORARY LAND ACQUISITION
	EXISTING NETWORK TO BE DECOMMISSIONED		

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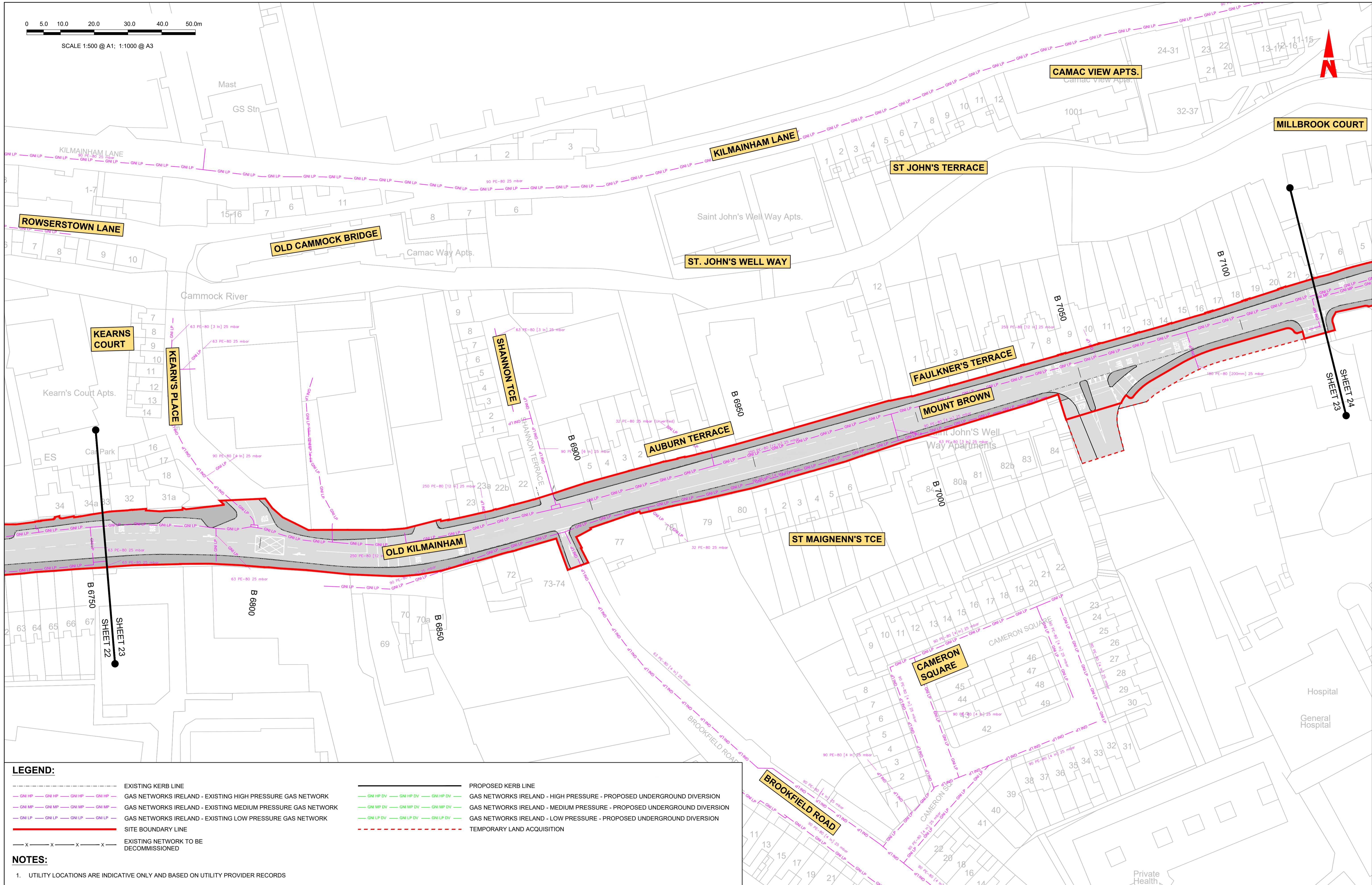
 Údarás Náisiúnta Iompair National Transport Authority		 Engineering Designer		
Date	Scale	Drawn	Checked	Approved
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Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title LIFFEY VALLEY TO CITY CENTRE CORE BUS CORRIDOR SCHEME GNI ASSET ALTERATIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-UTL_UG-0007_XX_00-DR-CU-0022	22 of 28	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
- PROPOSED KERB LINE
- GAS NETWORKS IRELAND - EXISTING HIGH PRESSURE GAS NETWORK
- GAS NETWORKS IRELAND - HIGH PRESSURE - PROPOSED UNDERGROUND DIVERSION
- GAS NETWORKS IRELAND - EXISTING MEDIUM PRESSURE GAS NETWORK
- GAS NETWORKS IRELAND - MEDIUM PRESSURE - PROPOSED UNDERGROUND DIVERSION
- GAS NETWORKS IRELAND - EXISTING LOW PRESSURE GAS NETWORK
- GAS NETWORKS IRELAND - LOW PRESSURE - PROPOSED UNDERGROUND DIVERSION
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION
- EXISTING NETWORK TO BE DECOMMISSIONED

NOTES:

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Rev	Date	Drn	Chk'd	App'd	Description
M01	07/06/2022	PT	KM	JB	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date: 07/06/2022 Scale: 1:500 @ A1, 1:1000 @ A3
 Drawn: PT, Checked: KM, Approved: JB

Project Code: BCIDB, Originator Code: JAC, QMS Code:

Programme Title: BUSCONNECTS DUBLIN			
CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: LIFFEY VALLEY TO CITY CENTRE CORE BUS CORRIDOR SCHEME GNI ASSET ALTERATIONS			
Drawing File Name: BCIDB-JAC-UTL_UG-0007_XX_00-DR-CU-0023	Sheet Number: 23 of 28	Status: A	Rev: M01

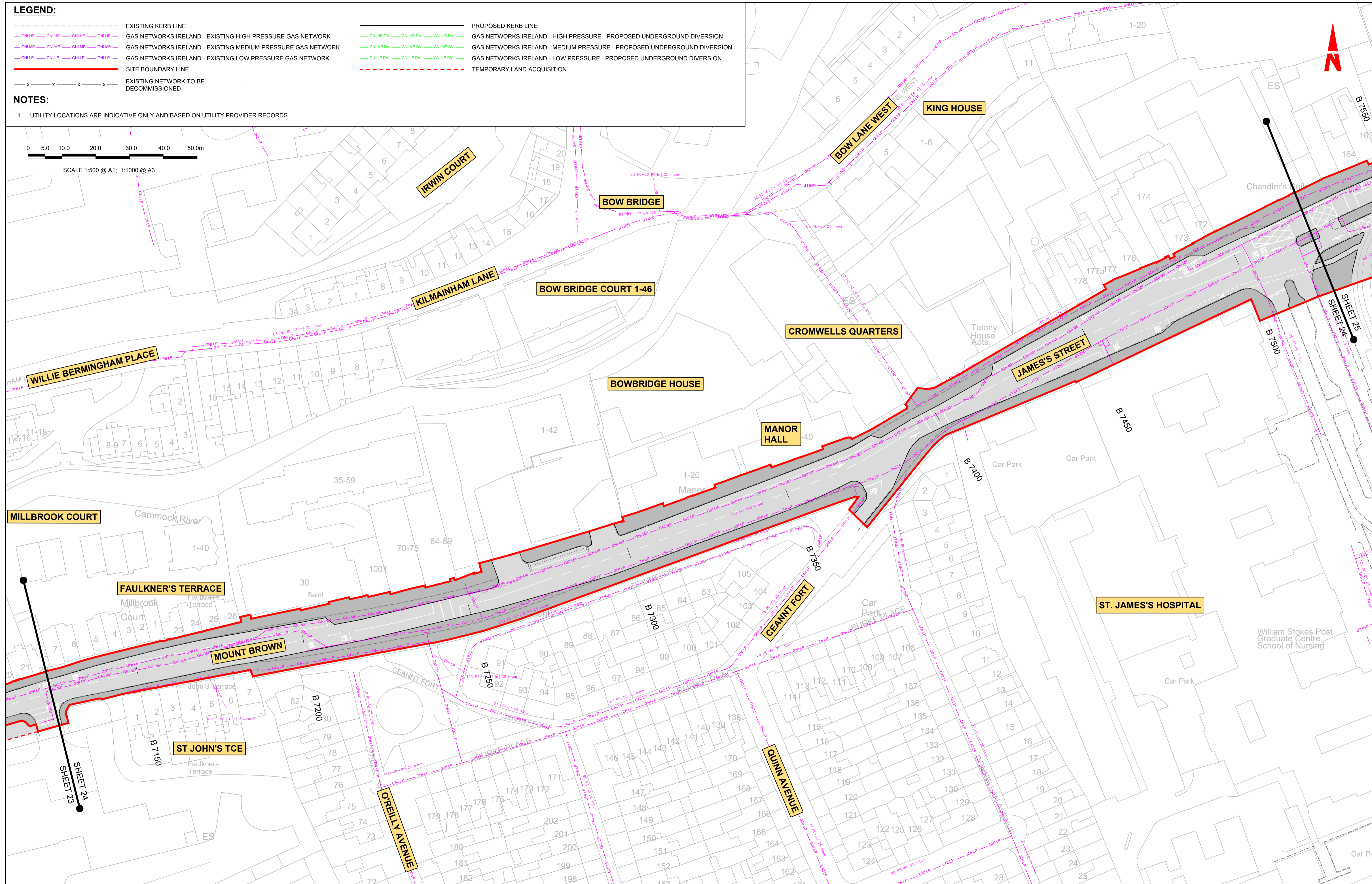
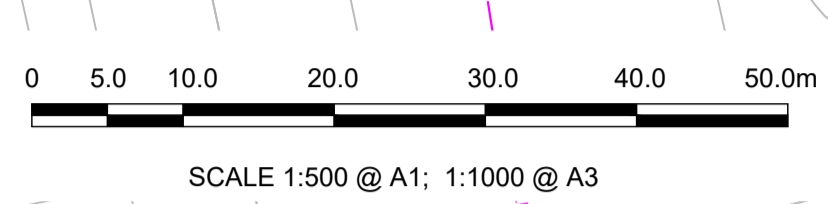
DO NOT SCALE USE FIGURED DIMENSIONS ONLY

LEGEND:

	EXISTING KERB LINE		PROPOSED KERB LINE
	GAS NETWORKS IRELAND - EXISTING HIGH PRESSURE GAS NETWORK		GAS NETWORKS IRELAND - HIGH PRESSURE - PROPOSED UNDERGROUND DIVERSION
	GAS NETWORKS IRELAND - EXISTING MEDIUM PRESSURE GAS NETWORK		GAS NETWORKS IRELAND - MEDIUM PRESSURE - PROPOSED UNDERGROUND DIVERSION
	GAS NETWORKS IRELAND - EXISTING LOW PRESSURE GAS NETWORK		GAS NETWORKS IRELAND - LOW PRESSURE - PROPOSED UNDERGROUND DIVERSION
	SITE BOUNDARY LINE		TEMPORARY LAND ACQUISITION
	EXISTING NETWORK TO BE DECOMMISSIONED		

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Rev	Date	Drm	Chk'd	App'd	Description
M01	07/06/2022	PT	KM	JB	ISSUE FOR PHASE 4: PLANNING

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

Date: 07/06/2022 Scale: 1:500 @ A1
1:1000 @ A3

Engineering Designer: **Jacobs**

Drawn: PT Checked: KM Approved: JB

Project Code: BCIDB Originator Code: JAC QMS Code:

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: LIFFEY VALLEY TO CITY CENTRE CORE BUS CORRIDOR SCHEME GNI ASSET ALTERATIONS			
Drawing File Name: BCIDB-JAC-UTL_UG-0007_XX_00-DR-CU-0024	Sheet Number: 24 of 28	Status: A	Rev: M01

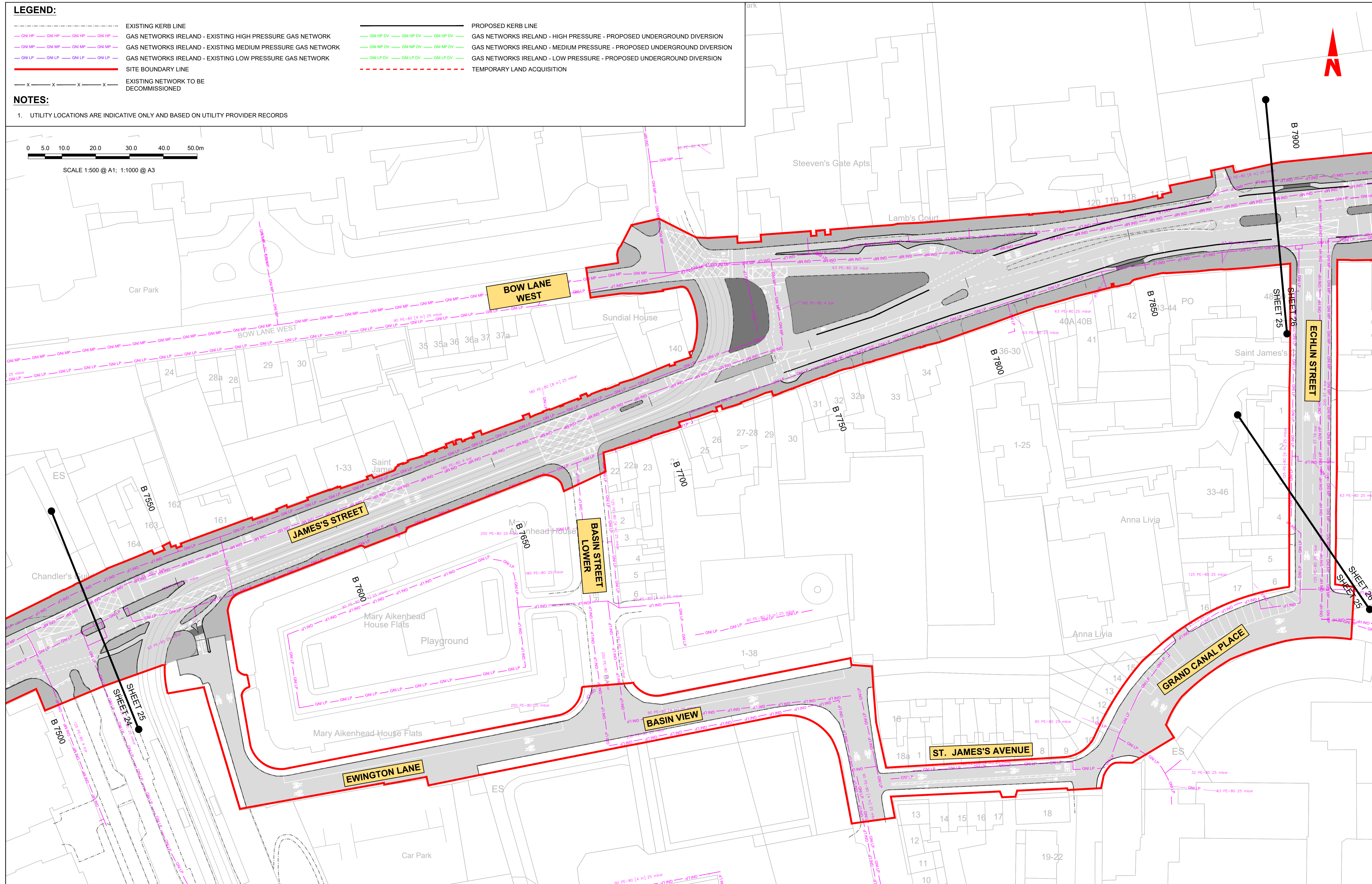
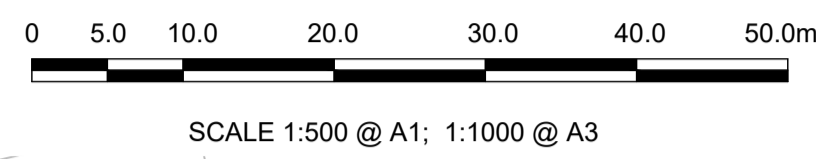
DO NOT SCALE USE FIGURED DIMENSIONS ONLY

LEGEND:

- EXISTING KERB LINE
- PROPOSED KERB LINE
- GAS NETWORKS IRELAND - EXISTING HIGH PRESSURE GAS NETWORK
- GAS NETWORKS IRELAND - HIGH PRESSURE - PROPOSED UNDERGROUND DIVERSION
- GAS NETWORKS IRELAND - EXISTING MEDIUM PRESSURE GAS NETWORK
- GAS NETWORKS IRELAND - MEDIUM PRESSURE - PROPOSED UNDERGROUND DIVERSION
- GAS NETWORKS IRELAND - EXISTING LOW PRESSURE GAS NETWORK
- GAS NETWORKS IRELAND - LOW PRESSURE - PROPOSED UNDERGROUND DIVERSION
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION
- EXISTING NETWORK TO BE DECOMMISSIONED

NOTES:

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Rev	Date	Dwn	Chk'd	App'd	Description
M01	07/06/2022	PT	KM	JB	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

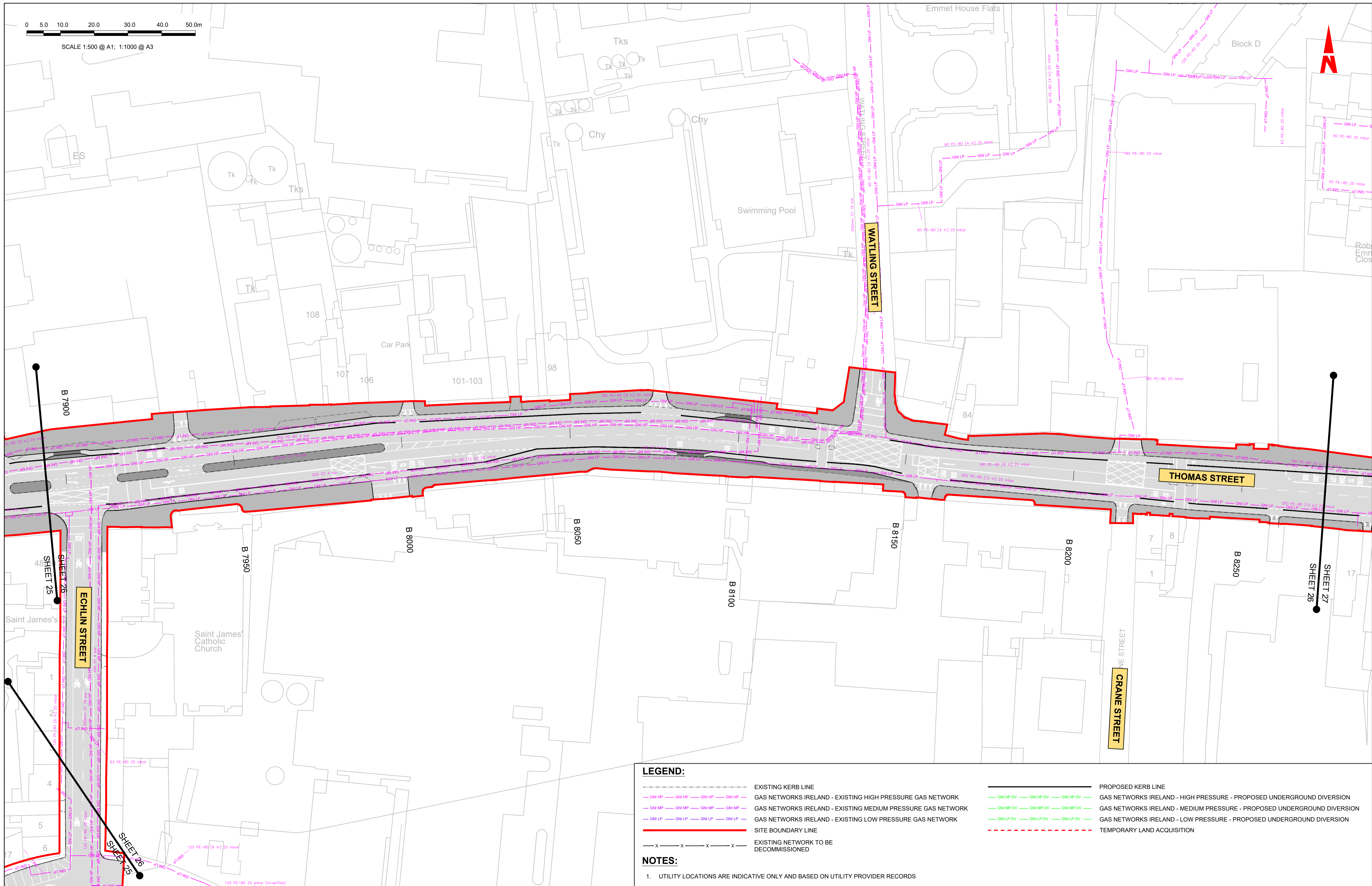
Date: 07/06/2022 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: PT | Checked: KM | Approved: JB

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

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: LIFFEY VALLEY TO CITY CENTRE CORE BUS CORRIDOR SCHEME GNI ASSET ALTERATIONS			
Drawing File Name: BCIDB-JAC-UTL_UG-0007_XX_00-DR-CU-0025	Sheet Number: 25 of 28	Status: A	Rev: M01

0 5.0 10.0 20.0 30.0 40.0 50.0m

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



LEGEND:

- EXISTING KERB LINE
- GAS NETWORKS IRELAND - EXISTING HIGH PRESSURE GAS NETWORK
- GAS NETWORKS IRELAND - EXISTING MEDIUM PRESSURE GAS NETWORK
- GAS NETWORKS IRELAND - EXISTING LOW PRESSURE GAS NETWORK
- SITE BOUNDARY LINE
- EXISTING NETWORK TO BE DECOMMISSIONED
- PROPOSED KERB LINE
- GAS NETWORKS IRELAND - HIGH PRESSURE - PROPOSED UNDERGROUND DIVERSION
- GAS NETWORKS IRELAND - MEDIUM PRESSURE - PROPOSED UNDERGROUND DIVERSION
- GAS NETWORKS IRELAND - LOW PRESSURE - PROPOSED UNDERGROUND DIVERSION
- TEMPORARY LAND ACQUISITION

NOTES:

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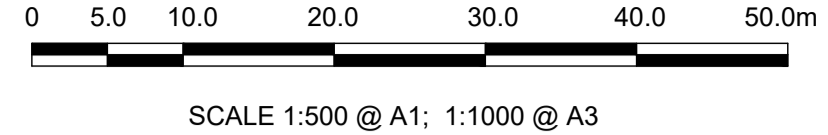
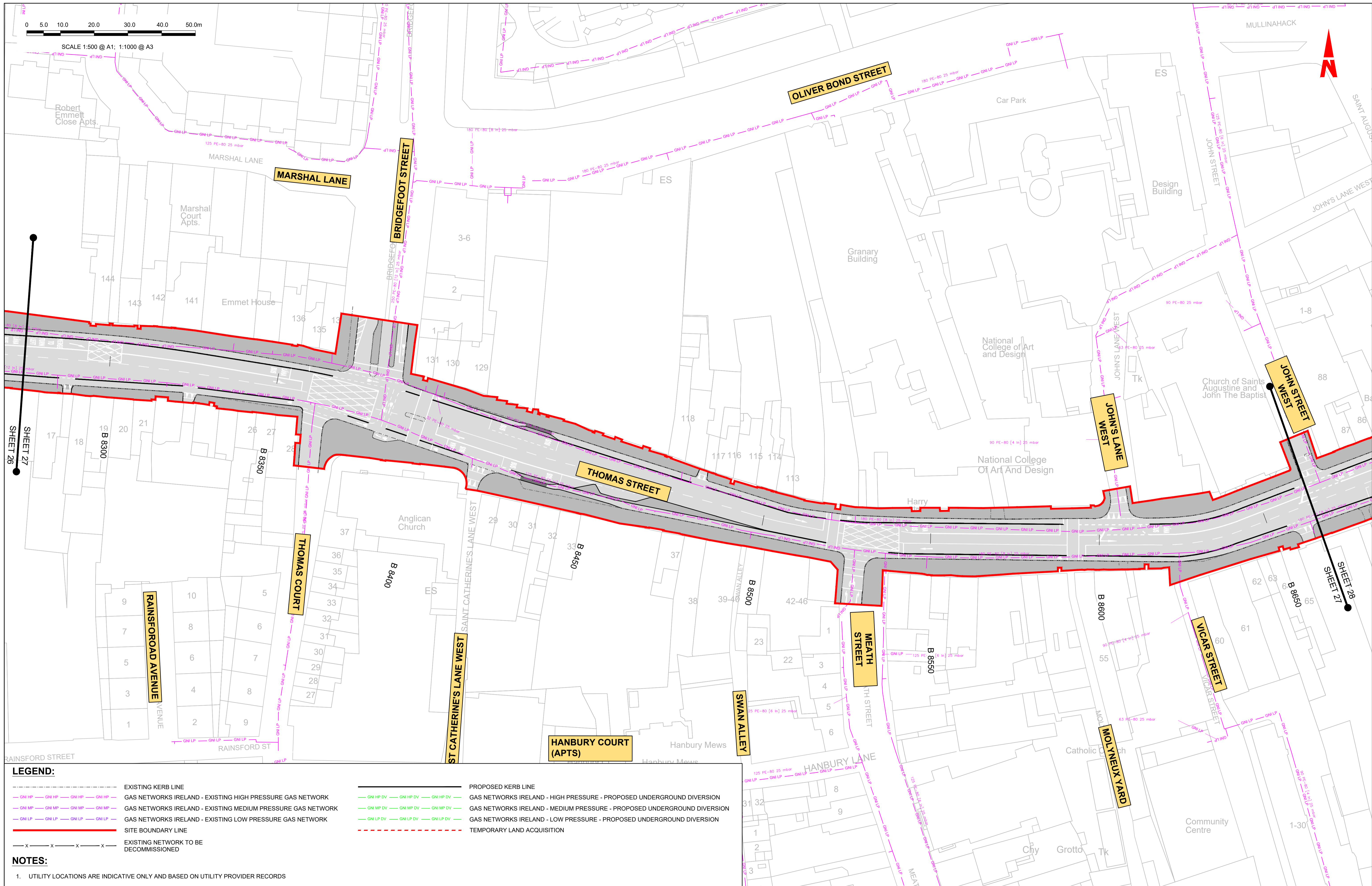
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Rev	Date	Drn	Chk'd	App'd	Description
M01	07/06/2022	PT	KM	JB	ISSUE FOR PHASE 4: PLANNING

Client NTA Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer Jacobs		
Date 07/06/2022	Scale 1:500 @ A1 1:1000 @ A3	Drawn PT	Checked KM	Approved JB
Project Code BCIDB	Originator Code JAC	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title LIFFEY VALLEY TO CITY CENTRE CORE BUS CORRIDOR SCHEME GNI ASSET ALTERATIONS			
Drawing File Name BCIDB-JAC-UTL_UG-0007_XX_00-DR-CU-0026	Sheet Number 26 of 28	Status A	Rev M01



LEGEND:

	EXISTING KERB LINE		PROPOSED KERB LINE
	GAS NETWORKS IRELAND - EXISTING HIGH PRESSURE GAS NETWORK		GAS NETWORKS IRELAND - HIGH PRESSURE - PROPOSED UNDERGROUND DIVERSION
	GAS NETWORKS IRELAND - EXISTING MEDIUM PRESSURE GAS NETWORK		GAS NETWORKS IRELAND - MEDIUM PRESSURE - PROPOSED UNDERGROUND DIVERSION
	GAS NETWORKS IRELAND - EXISTING LOW PRESSURE GAS NETWORK		GAS NETWORKS IRELAND - LOW PRESSURE - PROPOSED UNDERGROUND DIVERSION
	SITE BOUNDARY LINE		TEMPORARY LAND ACQUISITION
	EXISTING NETWORK TO BE DECOMMISSIONED		

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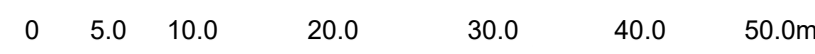
Project Ireland 2040
Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
M01	07/06/2022	PT	KM	JB	ISSUE FOR PHASE 4: PLANNING

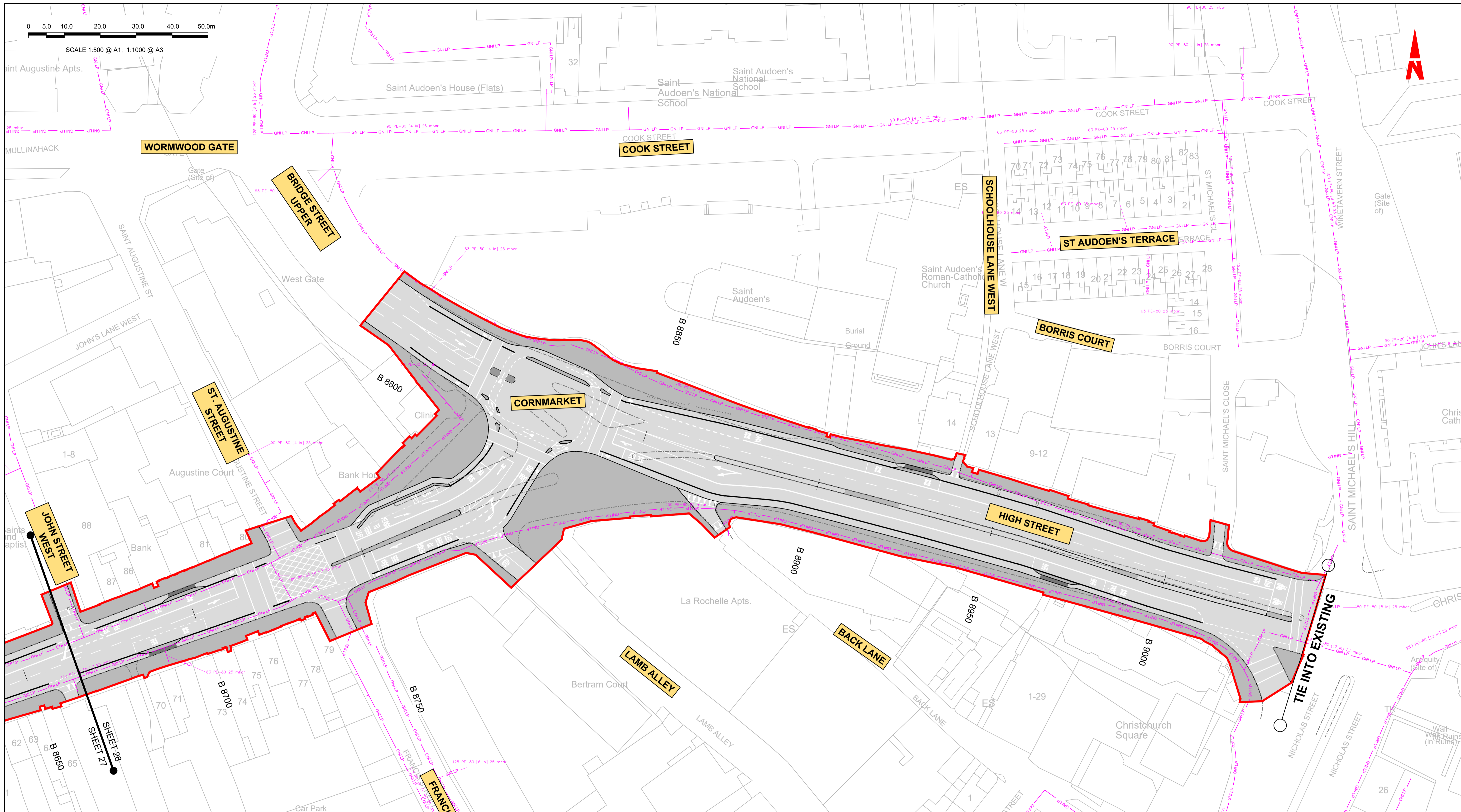
Client		Engineering Designer	
NTA Údarás Náisiúnta Iompair National Transport Authority		Jacobs	
Date	Scale	Drawn	Checked
07/06/2022	1:500 @ A1 1:1000 @ A3	PT	KM
Approved	Project Code	Originator Code	QMS Code
JB	BCIDB	JAC	

Programme Title			
BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title			
LIFFEY VALLEY TO CITY CENTRE CORE BUS CORRIDOR SCHEME GNI ASSET ALTERATIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-UTL_UG-0007_XX_00-DR-CU-0027	27 of 28	A	M01

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



LEGEND:

	EXISTING KERB LINE		PROPOSED KERB LINE
	GAS NETWORKS IRELAND - EXISTING HIGH PRESSURE GAS NETWORK		GAS NETWORKS IRELAND - HIGH PRESSURE - PROPOSED UNDERGROUND DIVERSION
	GAS NETWORKS IRELAND - EXISTING MEDIUM PRESSURE GAS NETWORK		GAS NETWORKS IRELAND - MEDIUM PRESSURE - PROPOSED UNDERGROUND DIVERSION
	GAS NETWORKS IRELAND - EXISTING LOW PRESSURE GAS NETWORK		GAS NETWORKS IRELAND - LOW PRESSURE - PROPOSED UNDERGROUND DIVERSION
	SITE BOUNDARY LINE		TEMPORARY LAND ACQUISITION
	EXISTING NETWORK TO BE DECOMMISSIONED		

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Rev	Date	Drn	Chk'd	App'd	Description
M01	07/06/2022	PT	KM	JB	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date: 07/06/2022 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: PT | Checked: KM | Approved: JB

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

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: LIFFEY VALLEY TO CITY CENTRE CORE BUS CORRIDOR SCHEME GNI ASSET ALTERATIONS			
Drawing File Name: BCIDB-JAC-UTL_UG-0007_XX_00-DR-CU-0028	Sheet Number: 28 of 28	Status: A	Rev: M01

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