



**Appendix B13**  
ESB 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-0003	BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME. ESB ASSET ALTERATIONS. COVER SHEET
BCIDB-JAC-UTL_KP-0013_XX_00-DR-CR-0003	BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME. ESB ASSET ALTERATIONS. KEY PLAN
BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0001 to 0054	BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME. ESB ASSET ALTERATIONS

C:\pwworking\jacobs\_uk\_highways\_ssd\legintl\_bay\d2d0148605BCIDB-JAC-UTL\_IX-0013\_XX\_00-DR-CR-0003.dwg

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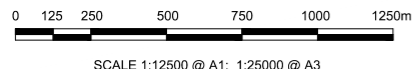
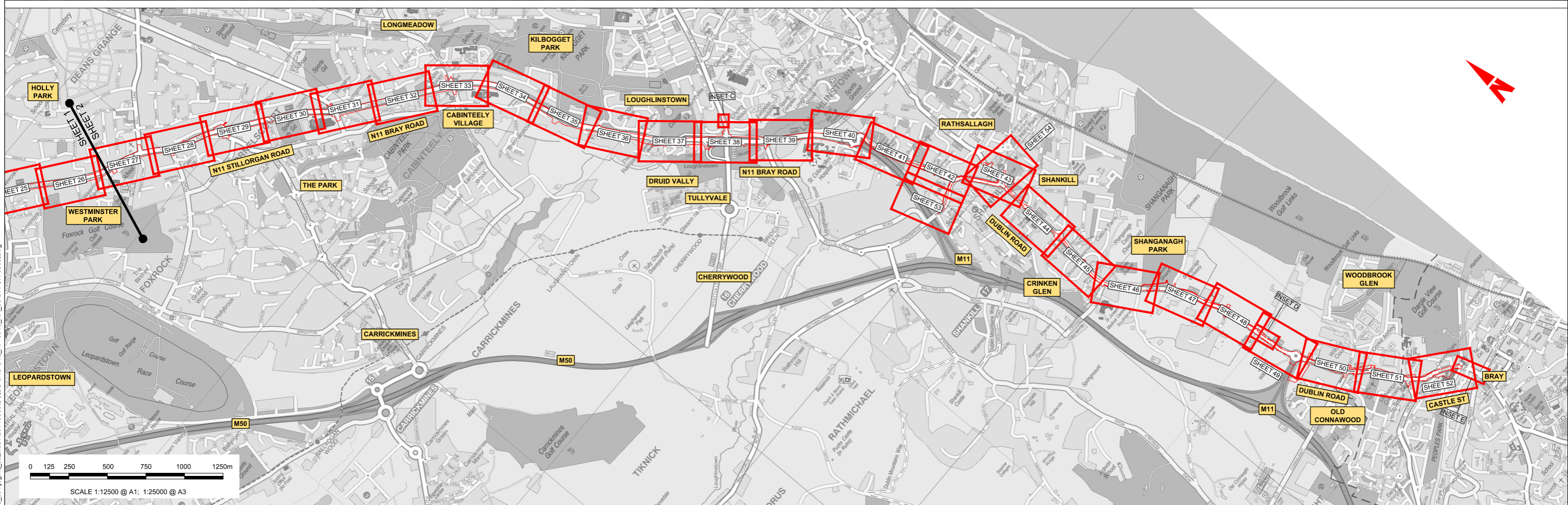
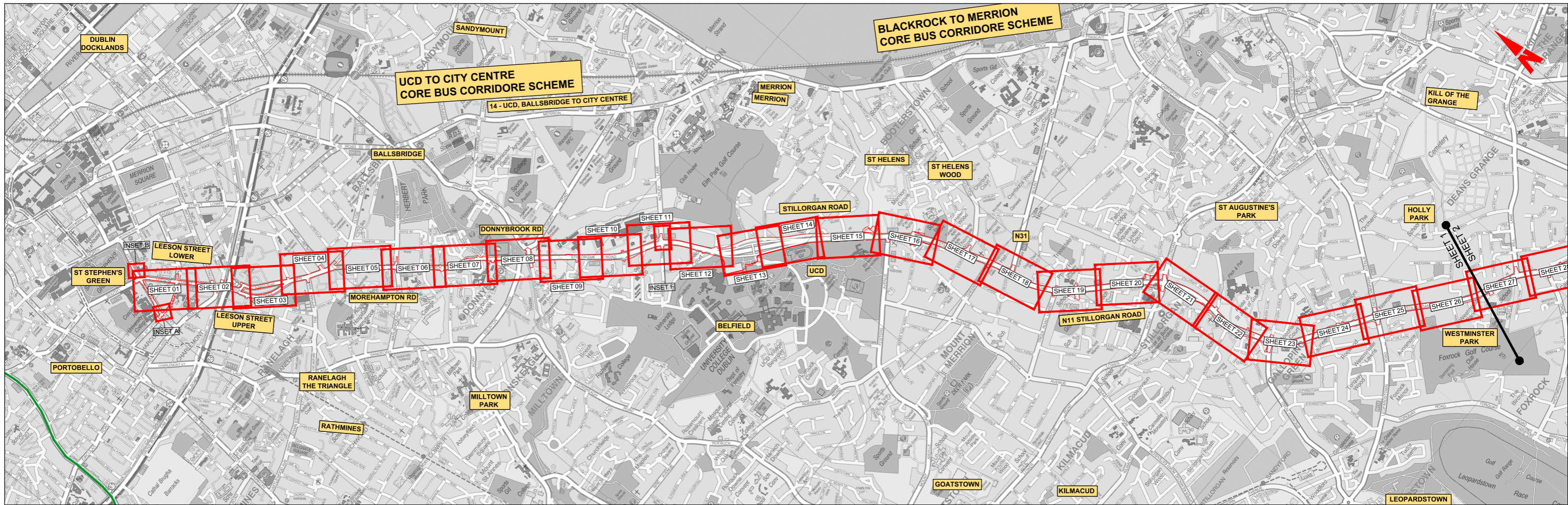


Rev	Date	Dm	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

<b>Programme Title</b> <b>BUSCONNECTS DUBLIN</b> <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
<b>Drawing Title</b> BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS COVER SHEET			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-UTL_IX -0013_XX_00 -DR-CR-0003	01 of 01	A	M01

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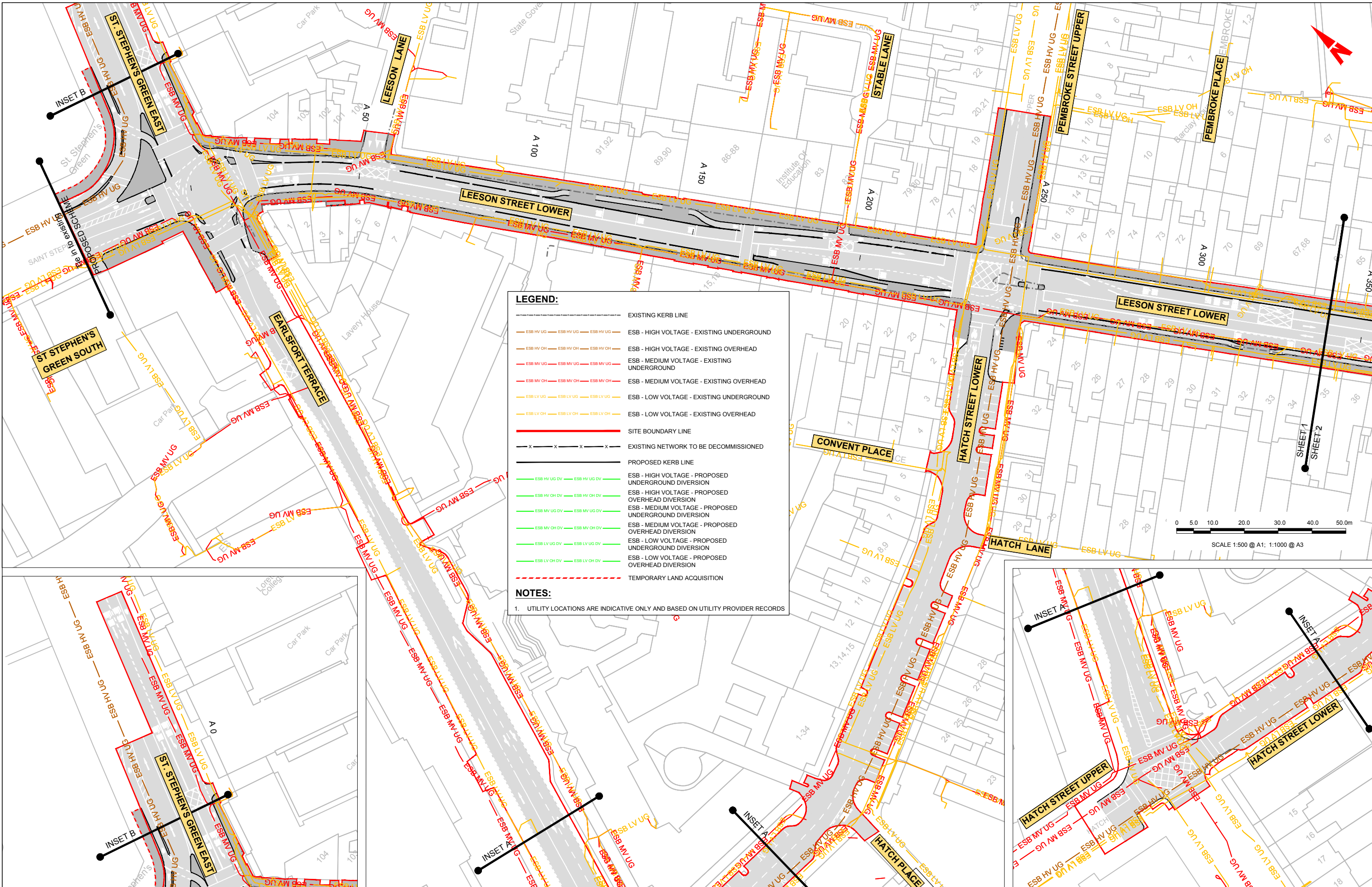
<p>Rev M01 08/05/2023 LH DM RS</p>		<p>Date 08/05/2023</p>		<p>Scale 1:12500 @ A1 1:25000 @ A3</p>		<p>Client <b>NTA</b> Údarás Náisiúnta Iompair National Transport Authority</p>		<p>Engineering Designer <b>Jacobs</b></p>		<p>Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b></p>	
<p>Description ISSUE FOR PHASE 4: PLANNING</p>		<p>Drawn LH</p>		<p>Checked DM</p>		<p>Approved RS</p>		<p>Drawing Title BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS KEY PLAN</p>		<p>Drawing File Name BCIDB-JAC-UTL_KP-0013_XX_00-DR-CR-0003</p>	
<p>Project Code BCIDB</p>		<p>Originator Code JAC</p>		<p>QMS Code</p>		<p>Sheet Number 01 of 01</p>		<p>Status A</p>		<p>Rev M01</p>	

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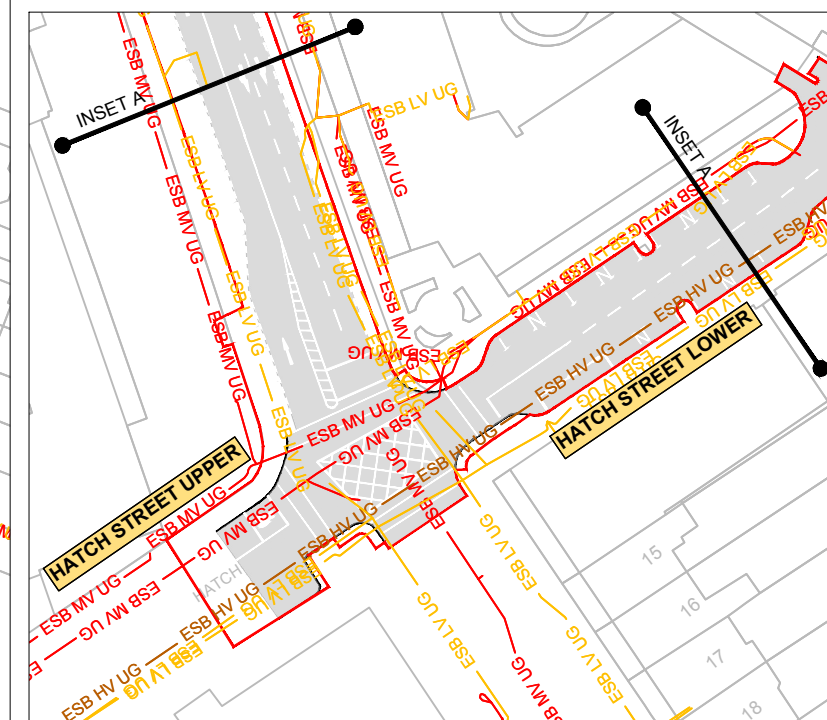
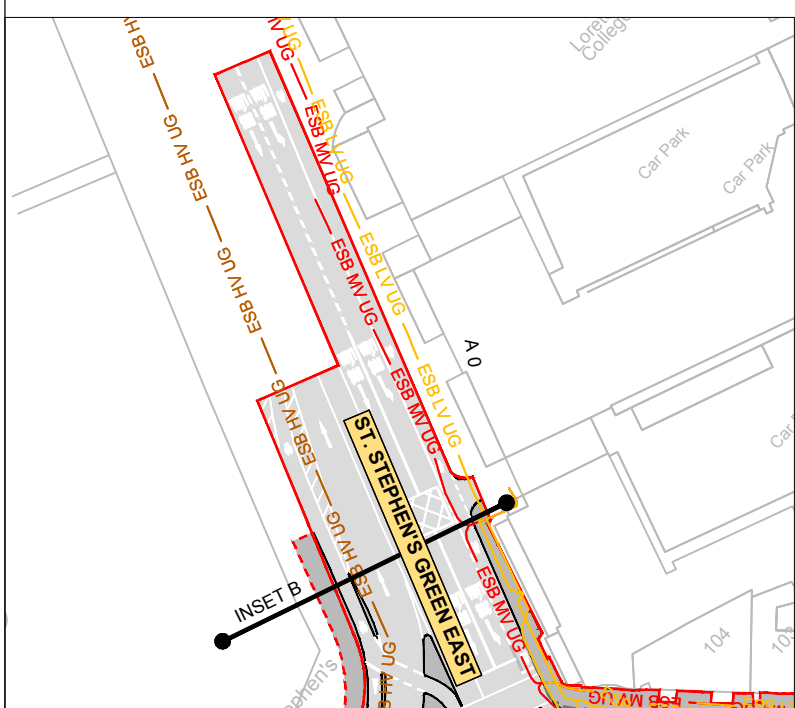


**LEGEND:**

- EXISTING KERB LINE
- ESB - HIGH VOLTAGE - EXISTING UNDERGROUND
- ESB - HIGH VOLTAGE - EXISTING OVERHEAD
- ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND
- ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD
- ESB - LOW VOLTAGE - EXISTING UNDERGROUND
- ESB - LOW VOLTAGE - EXISTING OVERHEAD
- SITE BOUNDARY LINE
- EXISTING NETWORK TO BE DECOMMISSIONED
- PROPOSED KERB LINE
- ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
- TEMPORARY LAND ACQUISITION

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Rev	Date	Drn	Chkd	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**

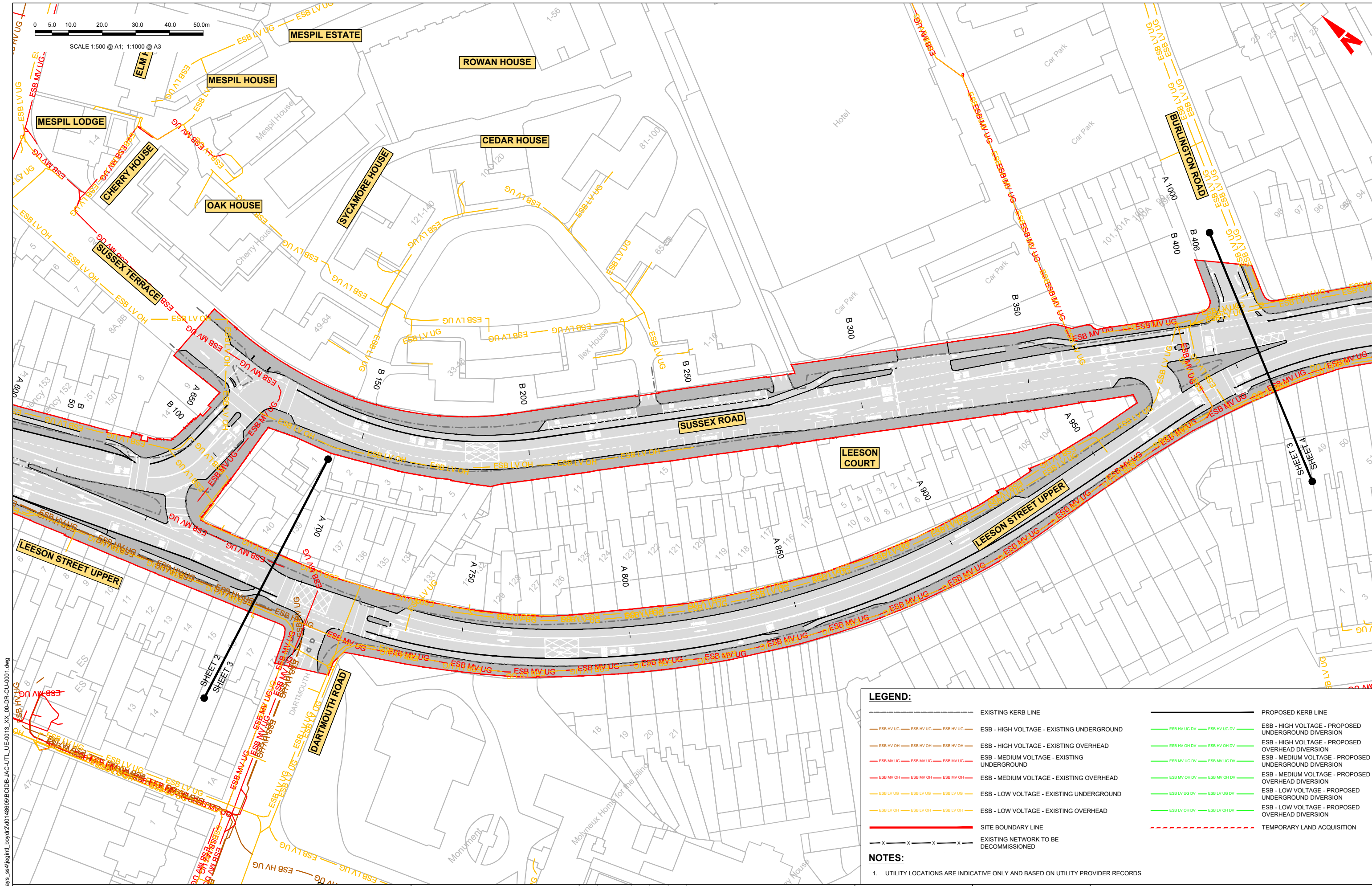
Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME**  
**ESB ASSET ALTERATIONS**

Drawing File Name: BCIDB-JAC-UTL\_UE-0013\_XX\_00-DR-CU-0001  
Sheet Number: 01 of 54  
Status: A  
Rev: M01

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**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
	SITE BOUNDARY LINE		TEMPORARY LAND ACQUISITION
	EXISTING NETWORK TO BE DECOMMISSIONED		

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 National Transport Authority

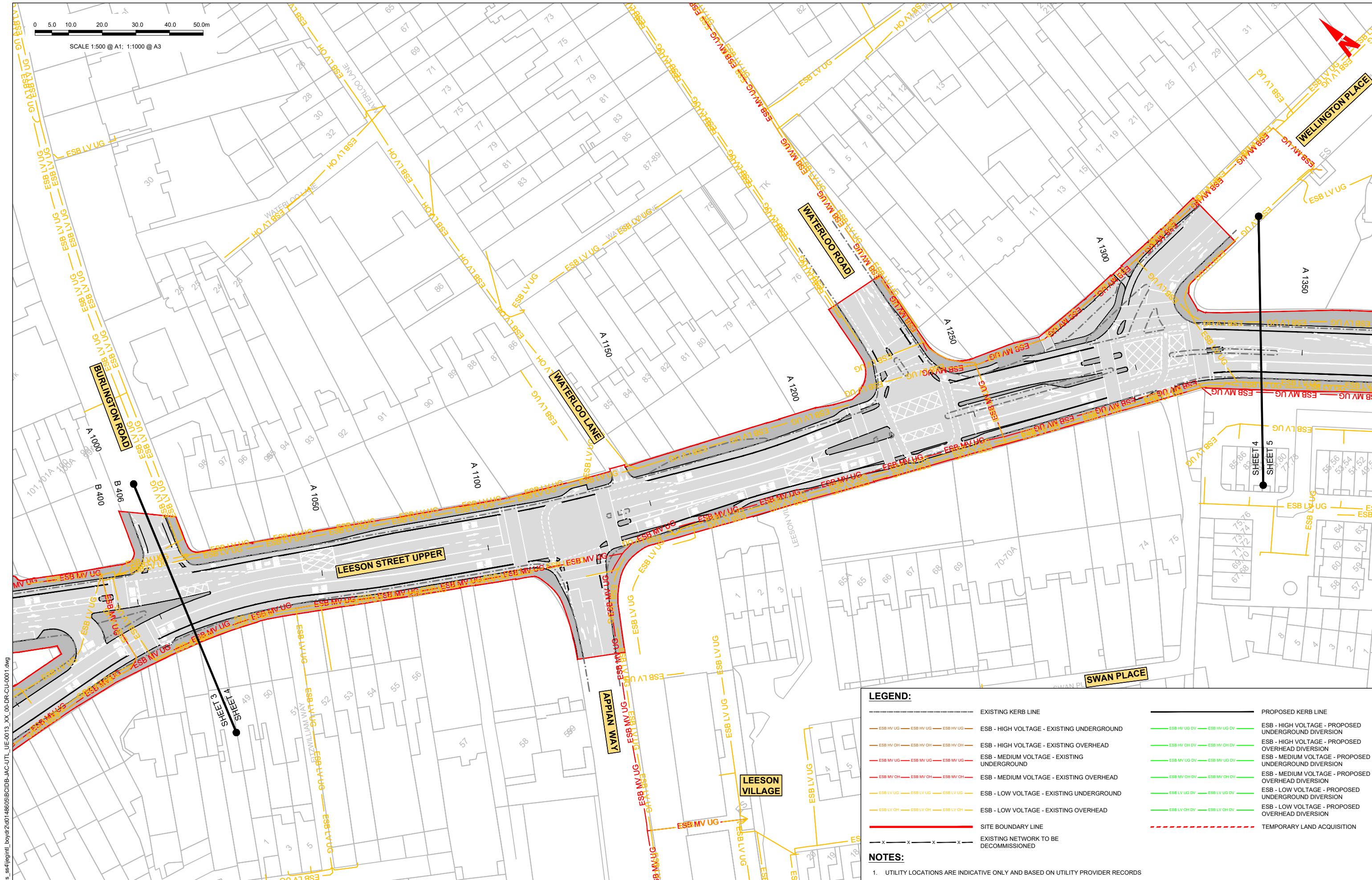
Engineering Designer: **Jacobs**

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: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name: BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0003	Sheet Number: 03 of 54	Status: A	Rev: M01

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**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
	SITE BOUNDARY LINE		TEMPORARY LAND ACQUISITION
	EXISTING NETWORK TO BE DECOMMISSIONED		

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

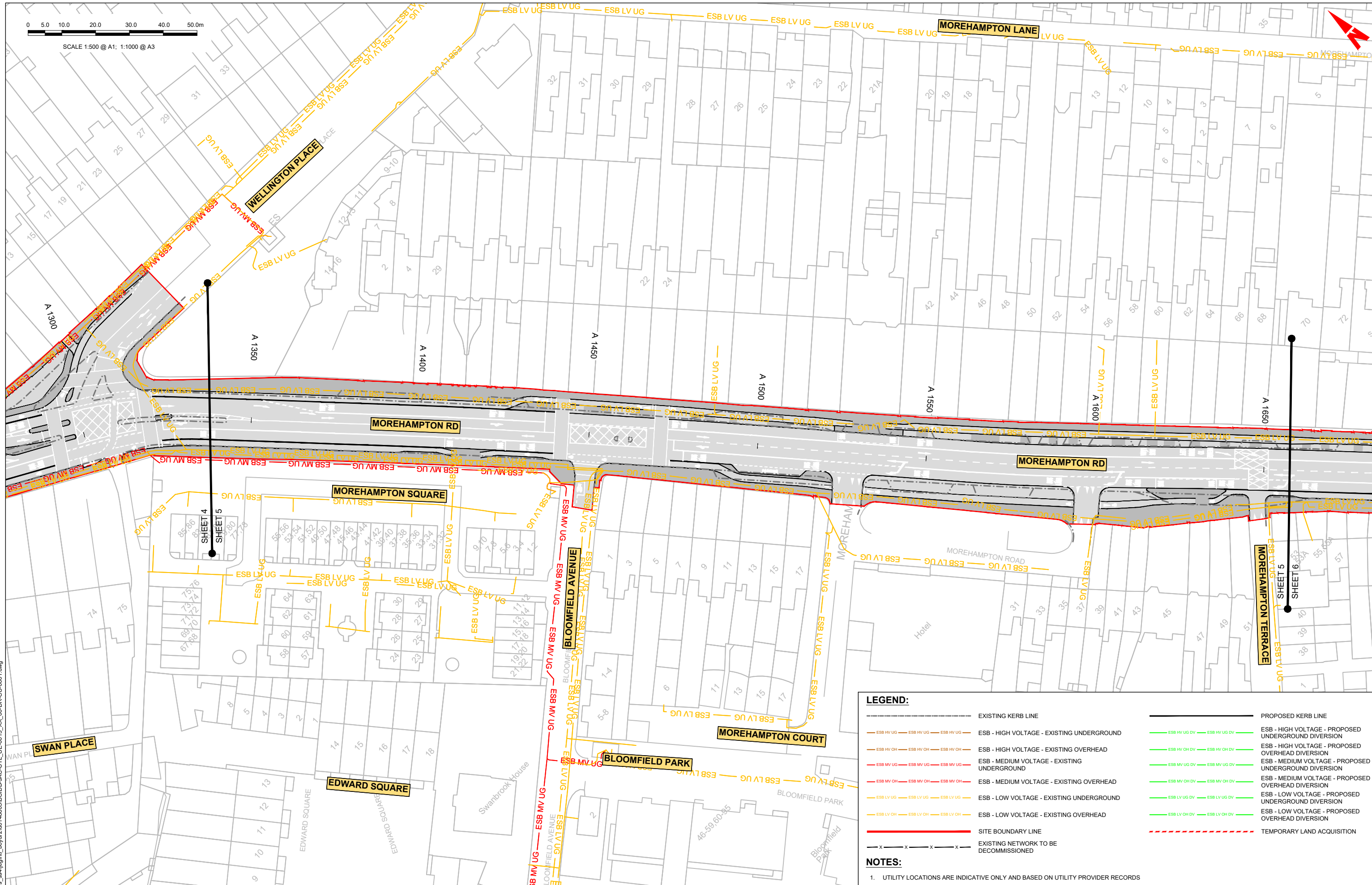
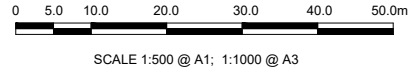
Engineering Designer: **Jacobs**

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: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name: BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0004	Sheet Number: 04 of 54	Status: A	Rev: M01

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**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD 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**

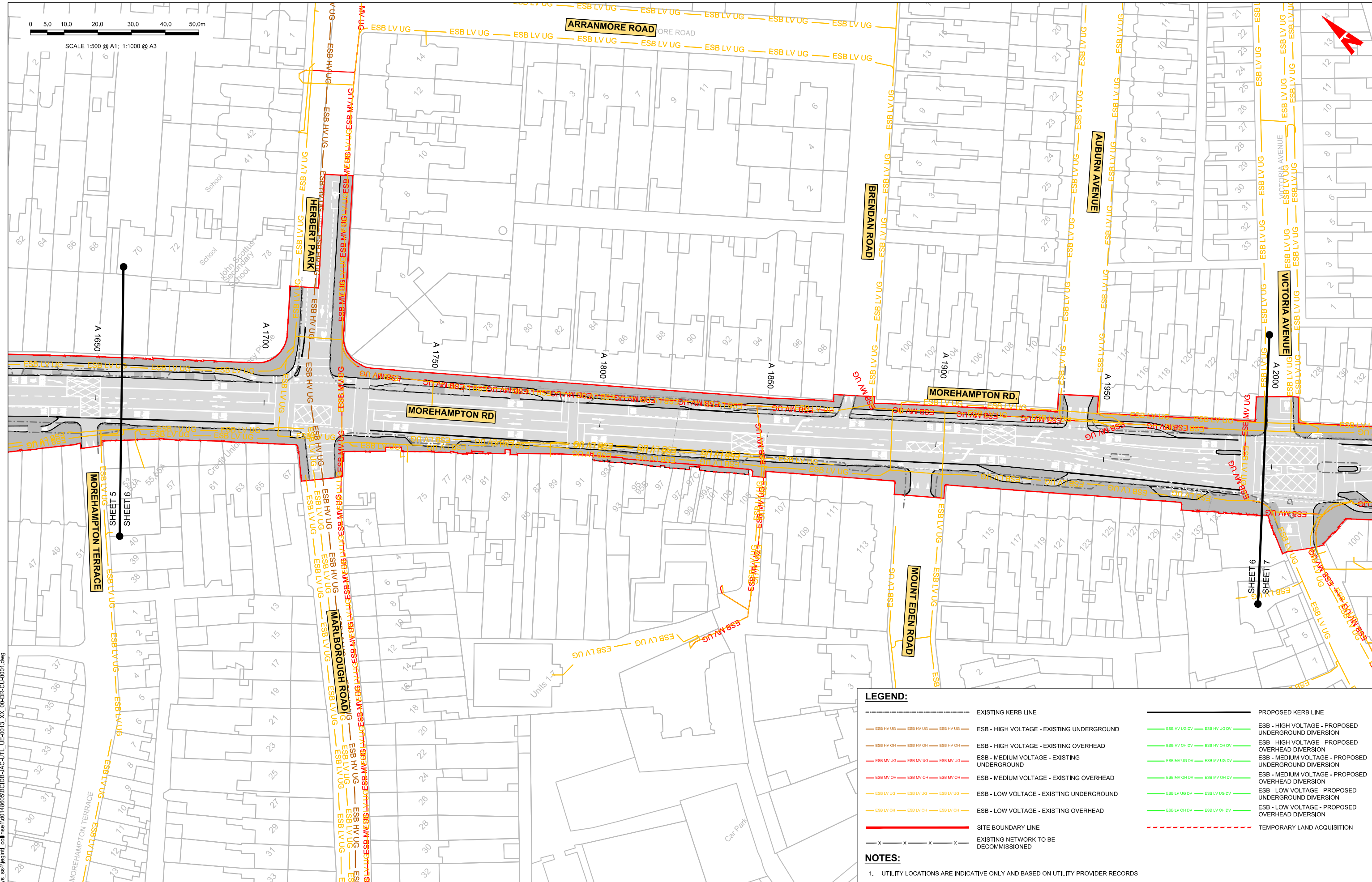
Date: 08/05/2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: LH, Checked: DM, Approved: RS

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

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name: BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0005	Sheet Number: 05 of 54	Status: A	Rev: M01

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**LEGEND:**

---	EXISTING KERB LINE	---	PROPOSED KERB LINE
---	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND	---	ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
---	ESB - HIGH VOLTAGE - EXISTING OVERHEAD	---	ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
---	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND	---	ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
---	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD	---	ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
---	ESB - LOW VOLTAGE - EXISTING UNDERGROUND	---	ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
---	ESB - LOW VOLTAGE - EXISTING OVERHEAD	---	ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
---	SITE BOUNDARY LINE	---	TEMPORARY LAND ACQUISITION
---	EXISTING NETWORK TO BE DECOMMISSIONED		

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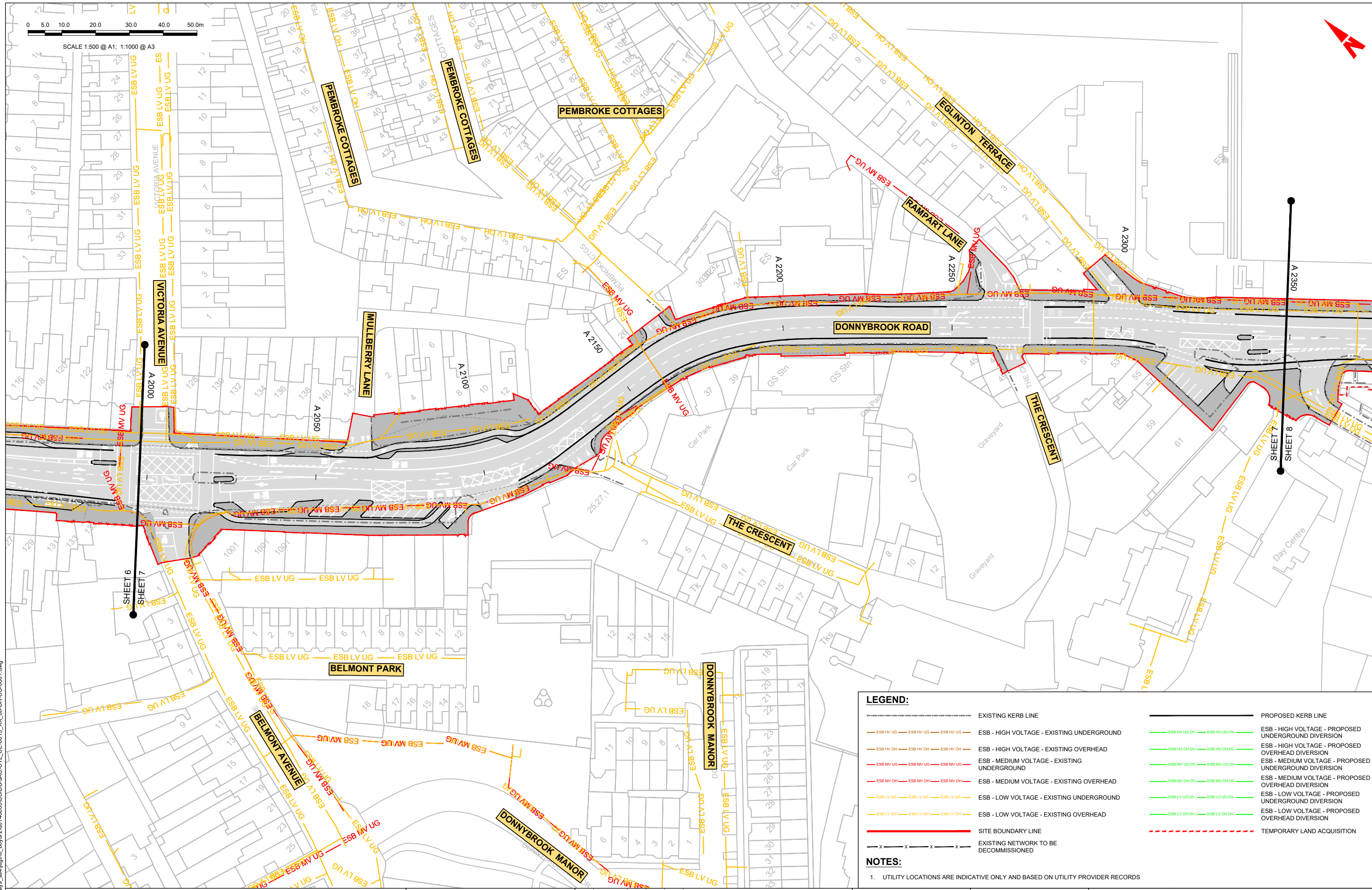
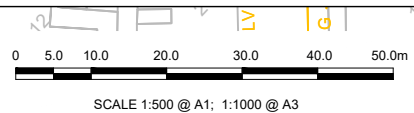
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Rev	Date	Dm	Chk'd	App'd	Description
M01	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

					<b>BUSCONNECTS DUBLIN</b> <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>	
Date: 08/05/2023 Project Code: BCIDB		Scale: 1:500 @ A1 1:1000 @ A3 Originator Code: JAC			Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS	
Engineering Designer: OMS Code		Drawn: LH Checked: DM Approved: RS			Drawing File Name: BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0006	
					Sheet Number: 06 of 54 Status: A Rev: M01	

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**LEGEND:**

---	EXISTING KERB LINE	---	PROPOSED KERB LINE
---	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND	---	ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
---	ESB - HIGH VOLTAGE - EXISTING OVERHEAD	---	ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
---	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND	---	ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
---	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD	---	ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
---	ESB - LOW VOLTAGE - EXISTING UNDERGROUND	---	ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
---	ESB - LOW VOLTAGE - EXISTING OVERHEAD	---	ESB - LOW VOLTAGE - PROPOSED OVERHEAD 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	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**

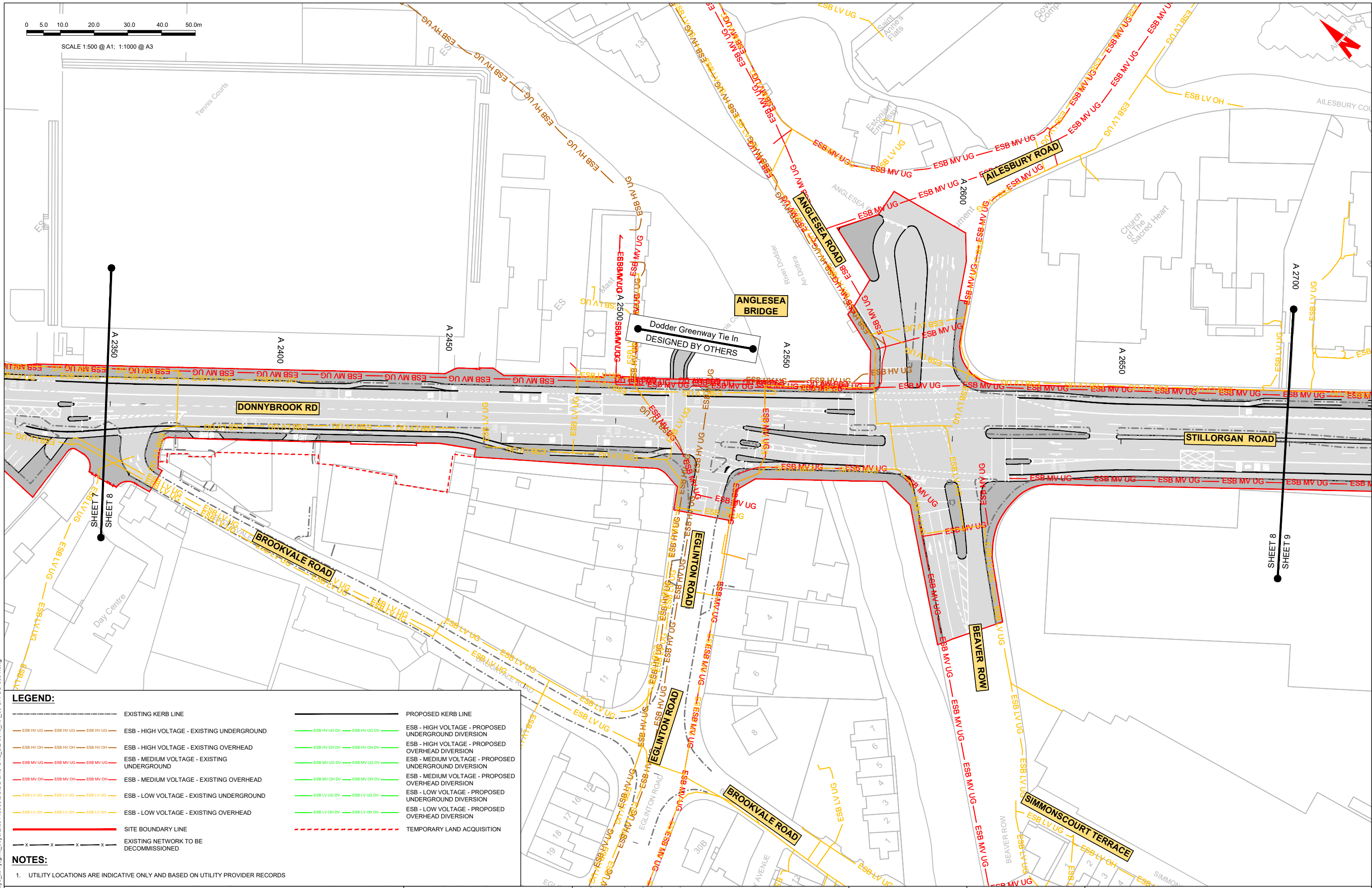
Drawn: LH  
 Checked: DM  
 Approved: RS

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name: BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0007	Sheet Number: 07 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
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
	SITE BOUNDARY LINE		TEMPORARY LAND ACQUISITION
	EXISTING NETWORK TO BE DECOMMISSIONED		

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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**  
 Ódará Naíisiúnta 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: <b>BUSCONNECTS DUBLIN</b>			
CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name: BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0008	Sheet Number: 08 of 54	Status: A	Rev: M01

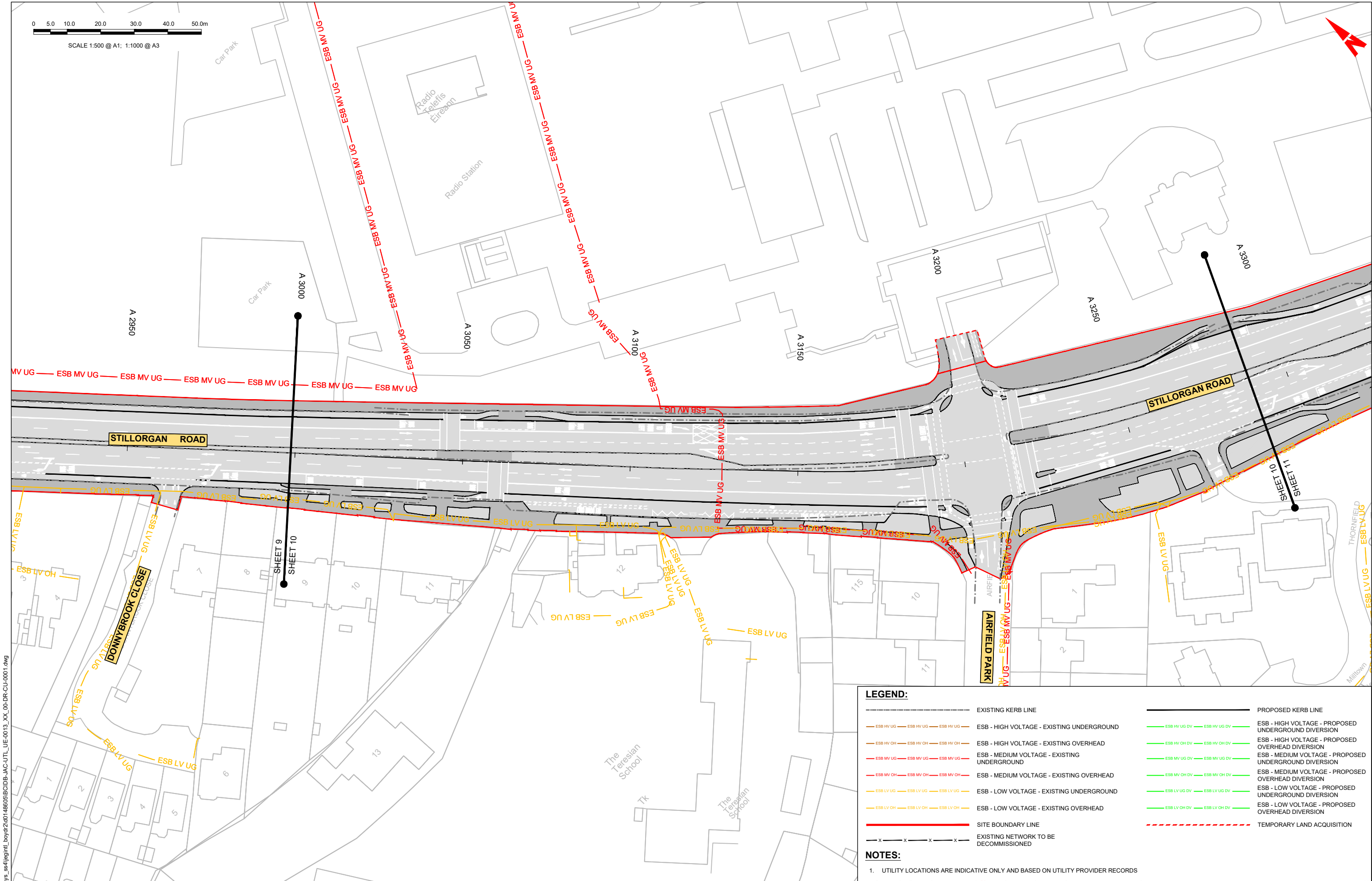
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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



**LEGEND:**

-----	EXISTING KERB LINE	-----	PROPOSED KERB LINE
— ESB HV UG — ESB HV UG — ESB HV UG —	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND	— ESB HV OH DV — ESB HV OH DV —	ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
— ESB HV OH — ESB HV OH — ESB HV OH —	ESB - HIGH VOLTAGE - EXISTING OVERHEAD	— ESB HV OH DV — ESB HV OH DV —	ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
— ESB MV UG — ESB MV UG — ESB MV UG —	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND	— ESB MV UG DV — ESB MV UG DV —	ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
— ESB MV OH — ESB MV OH — ESB MV OH —	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD	— ESB MV OH DV — ESB MV OH DV —	ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
— ESB LV UG — ESB LV UG — ESB LV UG —	ESB - LOW VOLTAGE - EXISTING UNDERGROUND	— ESB LV UG DV — ESB LV UG DV —	ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
— ESB LV OH — ESB LV OH — ESB LV OH —	ESB - LOW VOLTAGE - EXISTING OVERHEAD	— ESB LV OH DV — ESB LV OH DV —	ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
— — — — —	SITE BOUNDARY LINE	-----	TEMPORARY LAND ACQUISITION
— x — x — x — x —	EXISTING NETWORK TO BE DECOMMISSIONED		

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

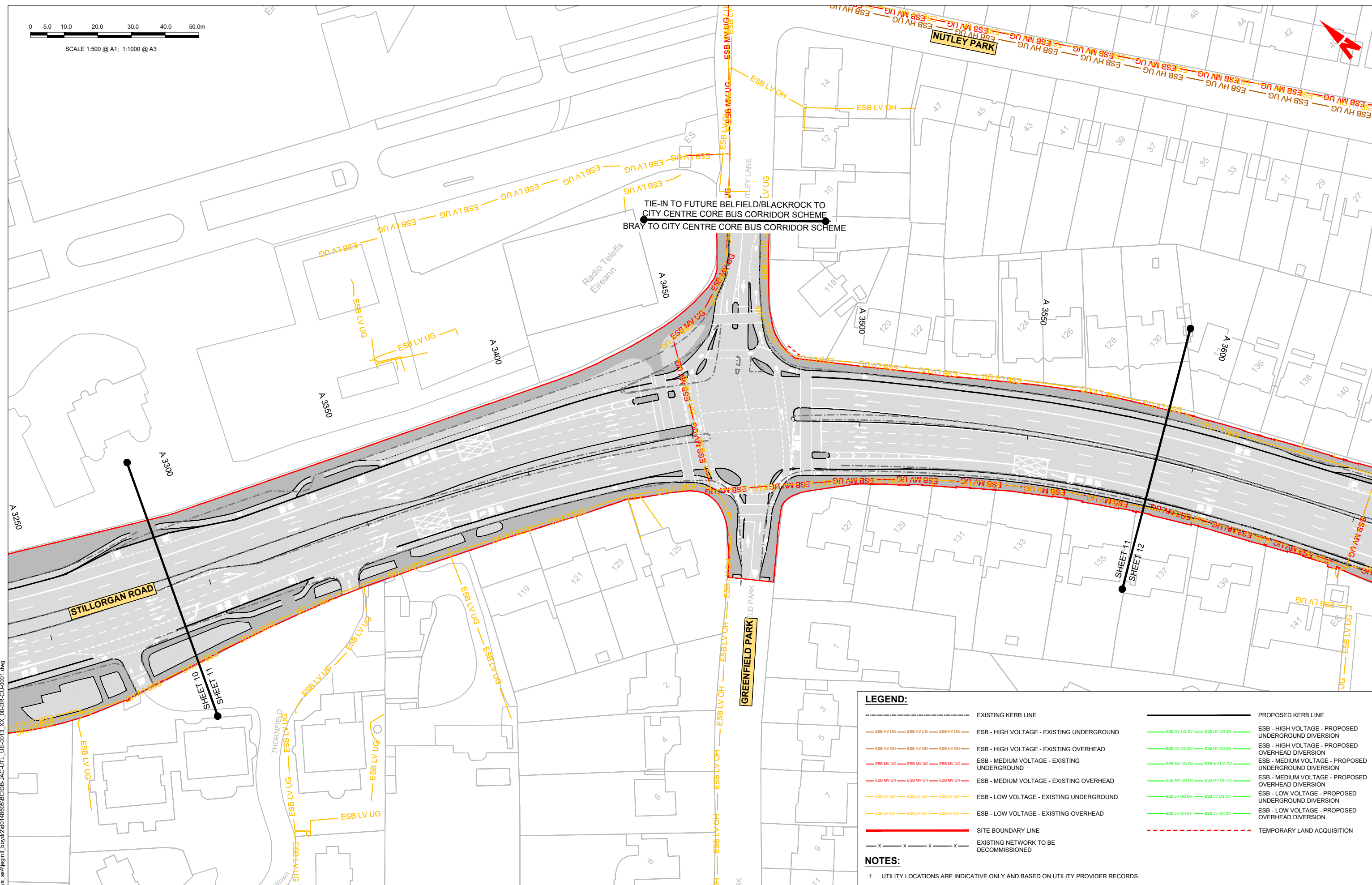
Project Code: BCIDB | Originator Code: JAC | QMS Code:

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name: BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0010	Sheet Number: 10 of 54	Status: A	Rev: M01

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



TIE-IN TO FUTURE BELFIELD/BLACKROCK TO CITY CENTRE CORE BUS CORRIDOR SCHEME  
BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME

**LEGEND:**

---	EXISTING KERB LINE	---	PROPOSED KERB LINE
---	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND	---	ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
---	ESB - HIGH VOLTAGE - EXISTING OVERHEAD	---	ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
---	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND	---	ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
---	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD	---	ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
---	ESB - LOW VOLTAGE - EXISTING UNDERGROUND	---	ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
---	ESB - LOW VOLTAGE - EXISTING OVERHEAD	---	ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
---	SITE BOUNDARY LINE	---	TEMPORARY LAND ACQUISITION
---	EXISTING NETWORK TO BE DECOMMISSIONED		

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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**  
Ódaráis Náisiúnta Iompair  
National Transport Authority

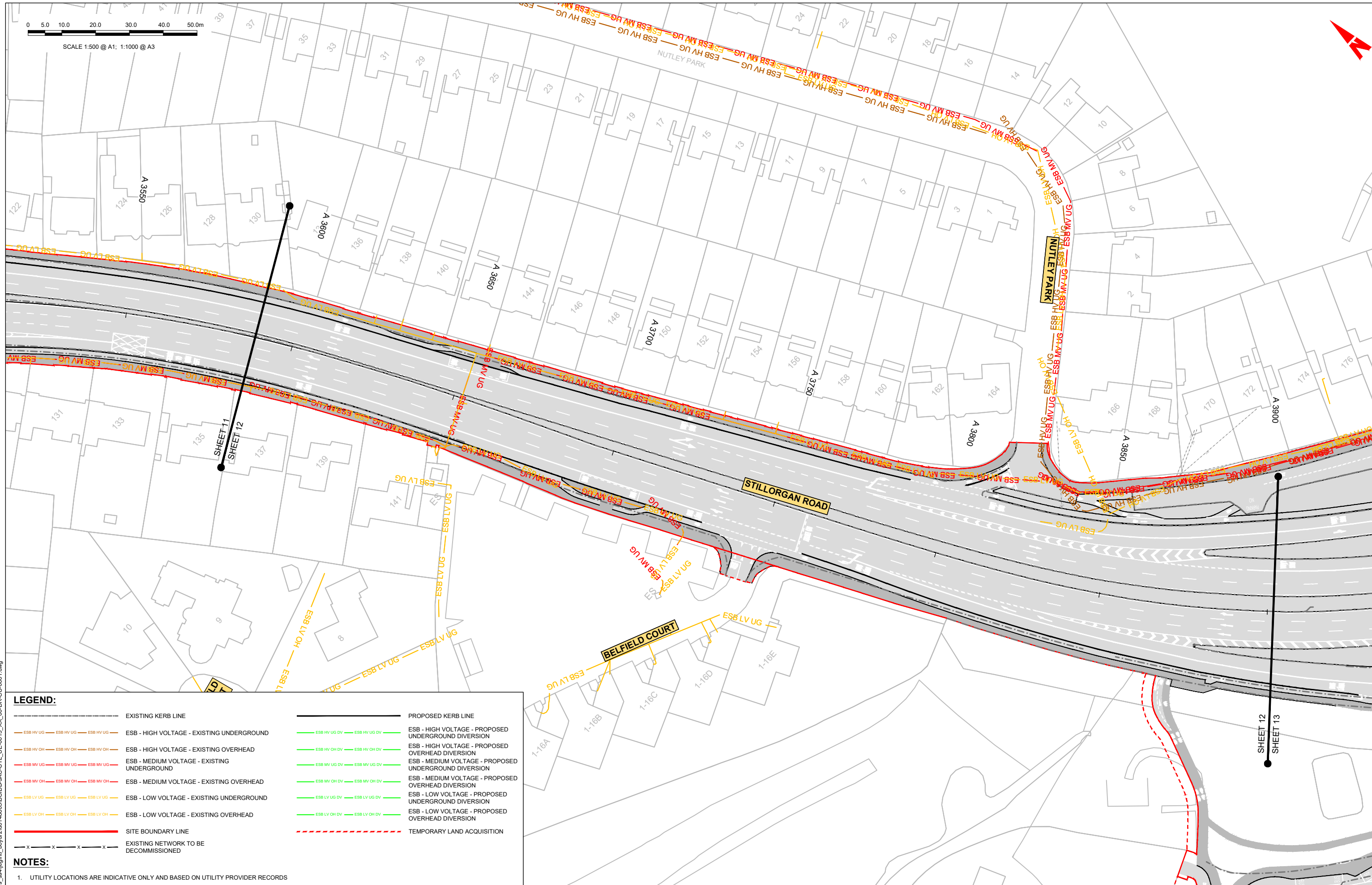
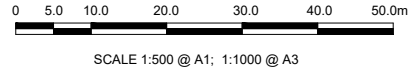
Engineering Designer: **Jacobs**

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: [blank]

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0011	Sheet Number 11 of 54	Status A	Rev M01

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**LEGEND:**

-----	EXISTING KERB LINE	-----	PROPOSED KERB LINE
---	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND	---	ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
---	ESB - HIGH VOLTAGE - EXISTING OVERHEAD	---	ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
---	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND	---	ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
---	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD	---	ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
---	ESB - LOW VOLTAGE - EXISTING UNDERGROUND	---	ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
---	ESB - LOW VOLTAGE - EXISTING OVERHEAD	---	ESB - LOW VOLTAGE - PROPOSED OVERHEAD 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	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

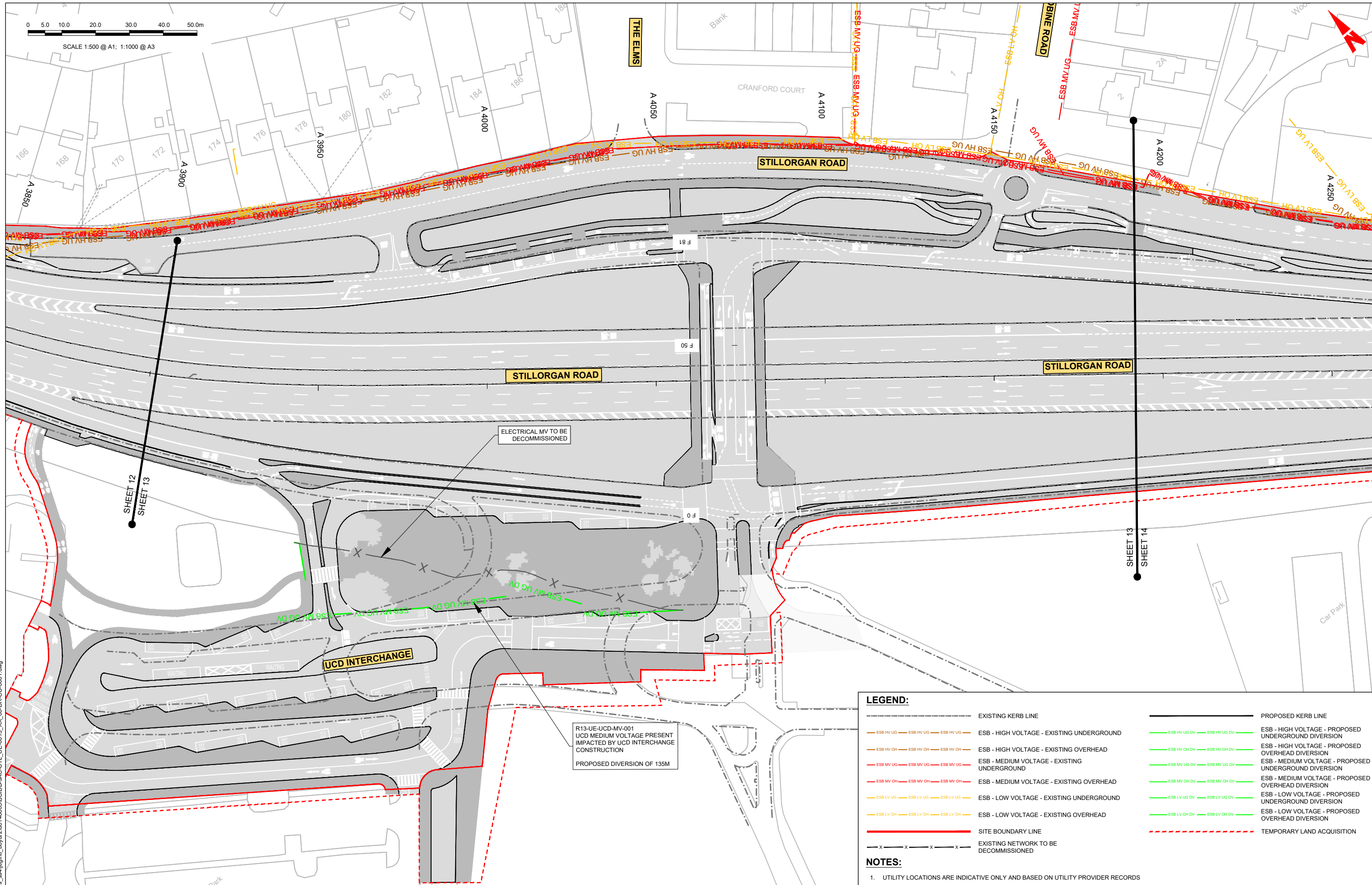
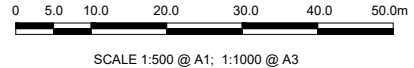
Engineering Designer: **Jacobs**

Drawn: LH | Checked: DM | Approved: RS

Programme Title: <b>BUSCONNECTS DUBLIN</b>			
CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name: BCIDB-JAC-UTL_UE-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
---	ESB HV UG	---	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND
---	ESB HV OH	---	ESB - HIGH VOLTAGE - EXISTING OVERHEAD
---	ESB MV UG	---	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND
---	ESB MV OH	---	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD
---	ESB LV UG	---	ESB - LOW VOLTAGE - EXISTING UNDERGROUND
---	ESB LV OH	---	ESB - LOW VOLTAGE - EXISTING OVERHEAD
---	---	---	SITE BOUNDARY LINE
---	---	---	EXISTING NETWORK TO BE DECOMMISSIONED
---	---	---	ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
---	---	---	ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
---	---	---	ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
---	---	---	ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
---	---	---	ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
---	---	---	ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
---	---	---	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

Project Code: BCIDB  
 Originator Code: JAC

Drawn: LH  
 Checked: DM  
 Approved: RS

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0013	Sheet Number 13 of 54	Status A	Rev M01

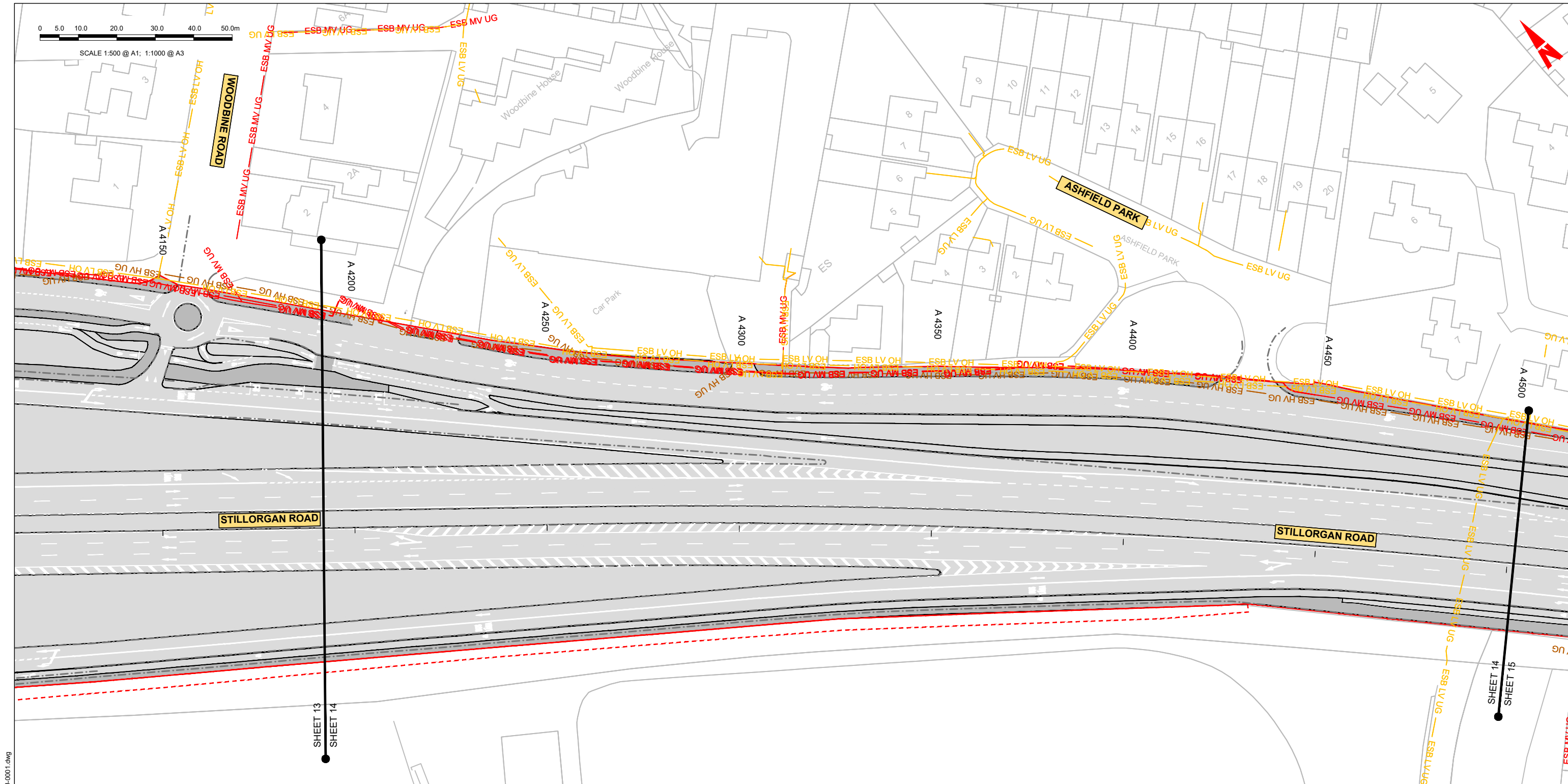
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SCALE 1:500 @ A1; 1:1000 @ A3



**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE
	ESB HV UG	ESB HV UG	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND
	ESB HV OH	ESB HV OH	ESB - HIGH VOLTAGE - EXISTING OVERHEAD
	ESB MV UG	ESB MV UG	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND
	ESB MV OH	ESB MV OH	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD
	ESB LV UG	ESB LV UG	ESB - LOW VOLTAGE - EXISTING UNDERGROUND
	ESB LV OH	ESB LV OH	ESB - LOW VOLTAGE - EXISTING OVERHEAD
	SITE BOUNDARY LINE		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	EXISTING NETWORK TO BE DECOMMISSIONED		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
			ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
			ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
			ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
			ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
			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

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

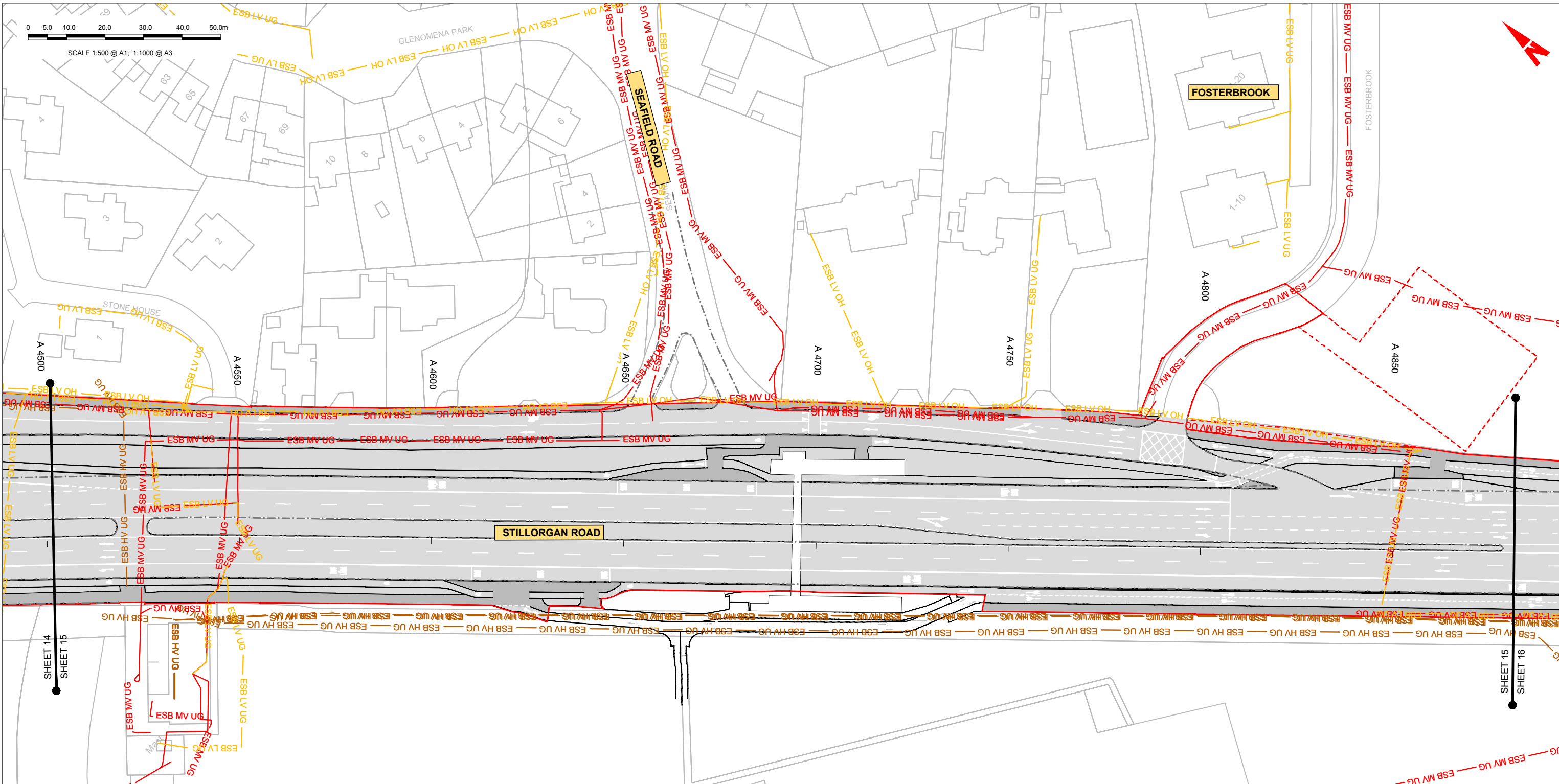
Engineering Designer: **Jacobs**

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: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name: BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0014	Sheet Number: 14 of 54	Status: A	Rev: M01

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SHEET 14 SHEET 15 SHEET 15 SHEET 16

**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD 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	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:

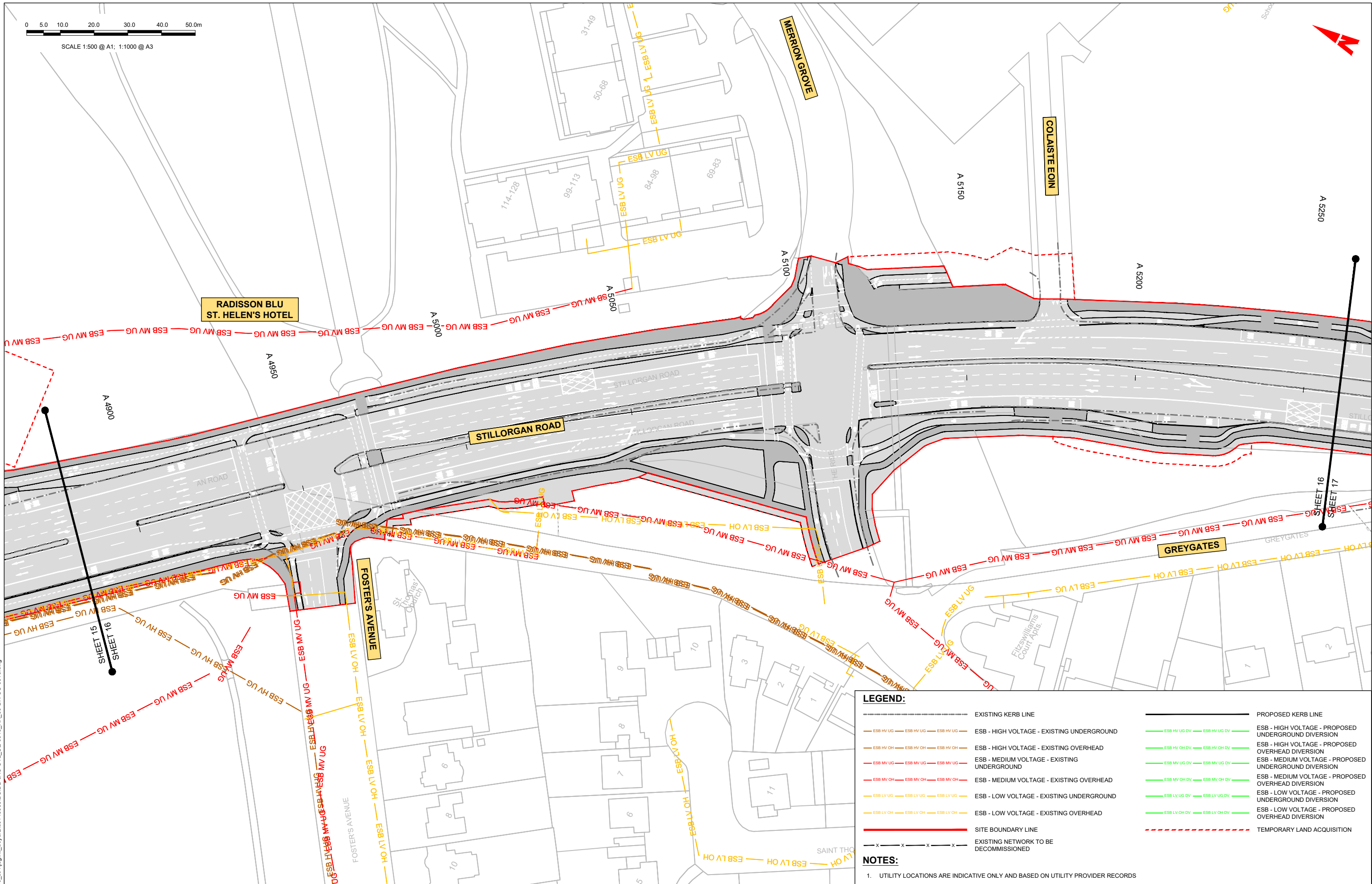
Programme Title	<b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>		
Drawing Title	BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS		
Drawing File Name	BCIDB-JAC-UTL_UE -0013_XX_00 -DR-CU-0015	Sheet Number	15 of 54
Status	A	Rev	M01

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



**LEGEND:**

- EXISTING KERB LINE
- PROPOSED KERB LINE
- ESB HV UG --- ESB HV UG --- ESB HV UG --- ESB - HIGH VOLTAGE - EXISTING UNDERGROUND
- ESB HV OH --- ESB HV OH --- ESB HV OH --- ESB - HIGH VOLTAGE - EXISTING OVERHEAD
- ESB MV UG --- ESB MV UG --- ESB MV UG --- ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND
- ESB MV OH --- ESB MV OH --- ESB MV OH --- ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD
- ESB LV UG --- ESB LV UG --- ESB LV UG --- ESB - LOW VOLTAGE - EXISTING UNDERGROUND
- ESB LV OH --- ESB LV OH --- ESB LV OH --- ESB - LOW VOLTAGE - EXISTING OVERHEAD
- SITE BOUNDARY LINE
- EXISTING NETWORK TO BE DECOMMISSIONED
- ESB HV UG DV --- ESB HV UG DV --- ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB HV OH DV --- ESB HV OH DV --- ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB MV UG DV --- ESB MV UG DV --- ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB MV OH DV --- ESB MV OH DV --- ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB LV UG DV --- ESB LV UG DV --- ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB LV OH DV --- ESB LV OH DV --- ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
- 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**

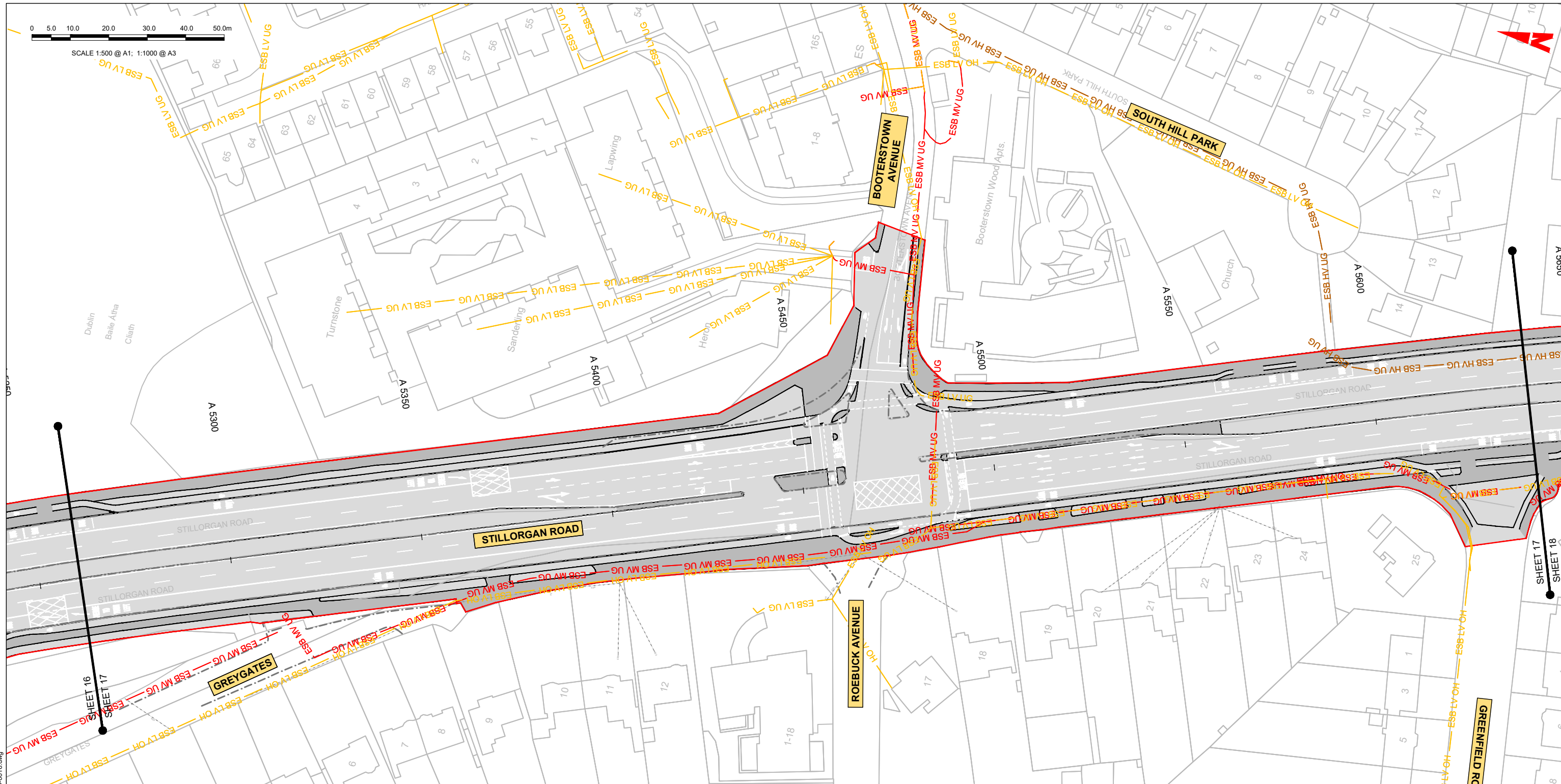
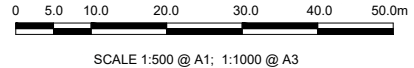
Date: 08/05/2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: LH | Checked: DM | Approved: RS

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

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name: BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0016	Sheet Number: 16 of 54	Status: A	Rev: M01

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**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD 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	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

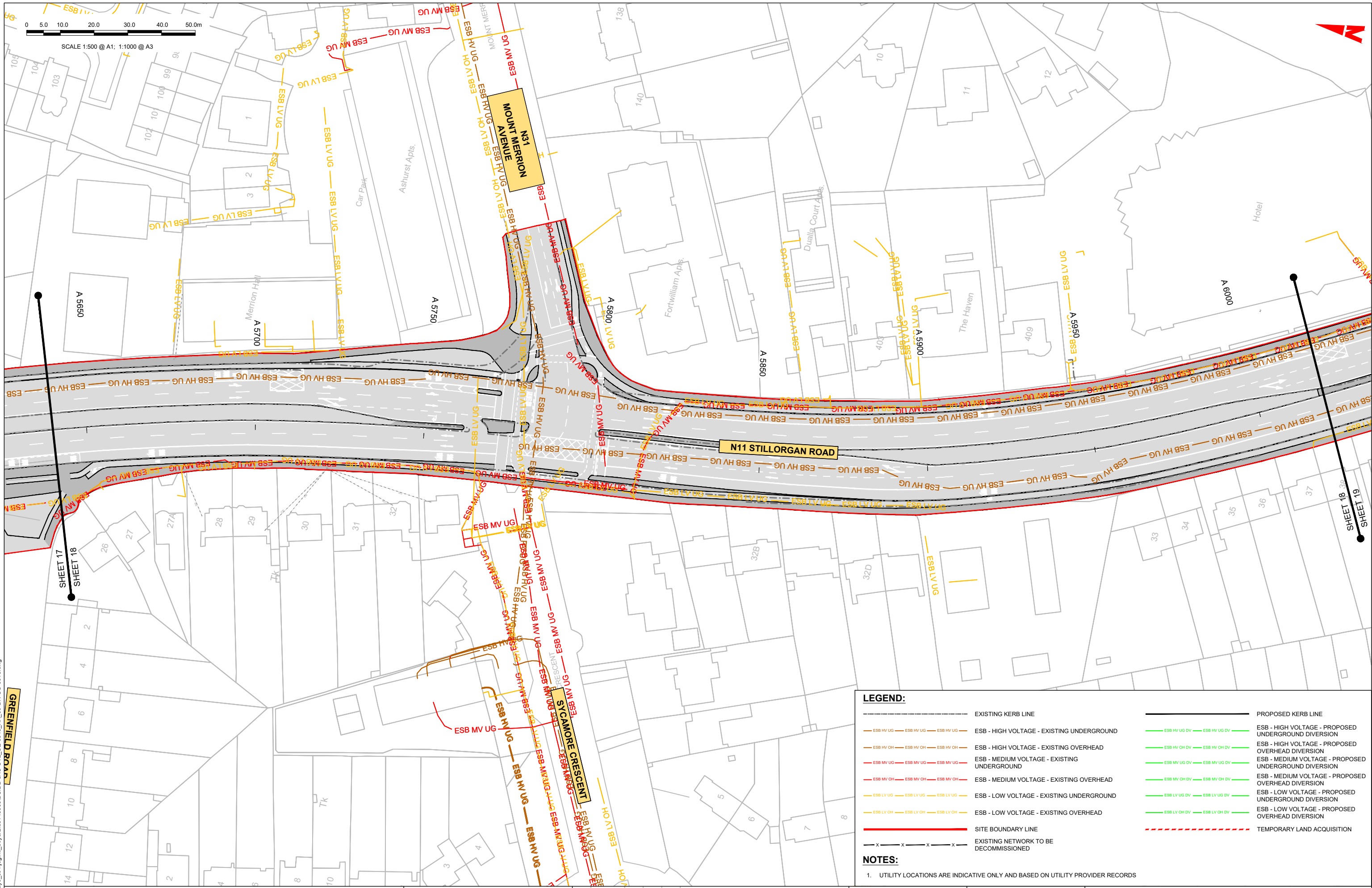
Engineering Designer: **Jacobs**

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: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name: BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0017	Sheet Number: 17 of 54	Status: A	Rev: M01

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**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD 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	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:

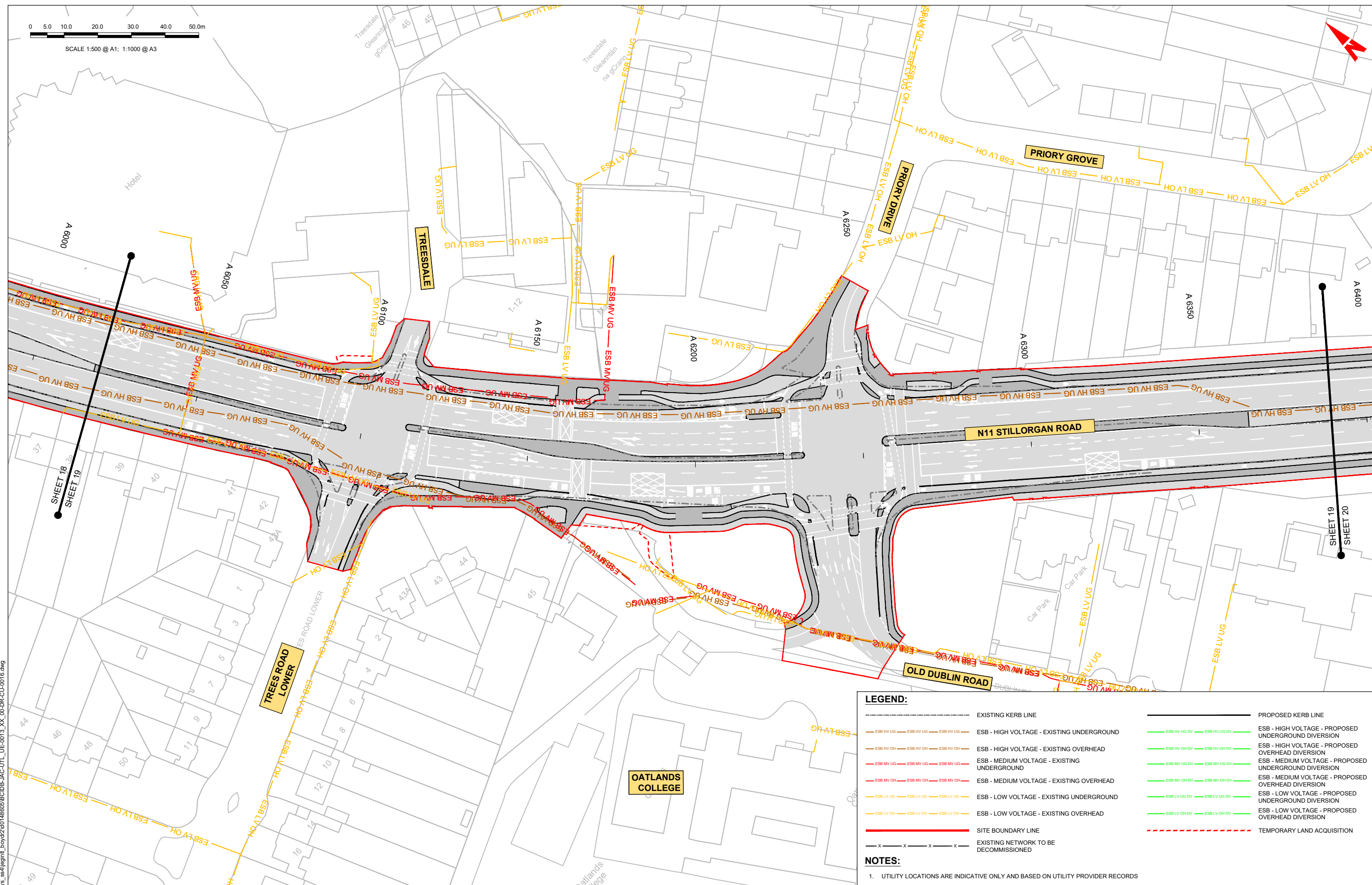
Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name: BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0018	Sheet Number: 18 of 54	Status: A	Rev: M01

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



**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD 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	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**  
Ódaráis 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

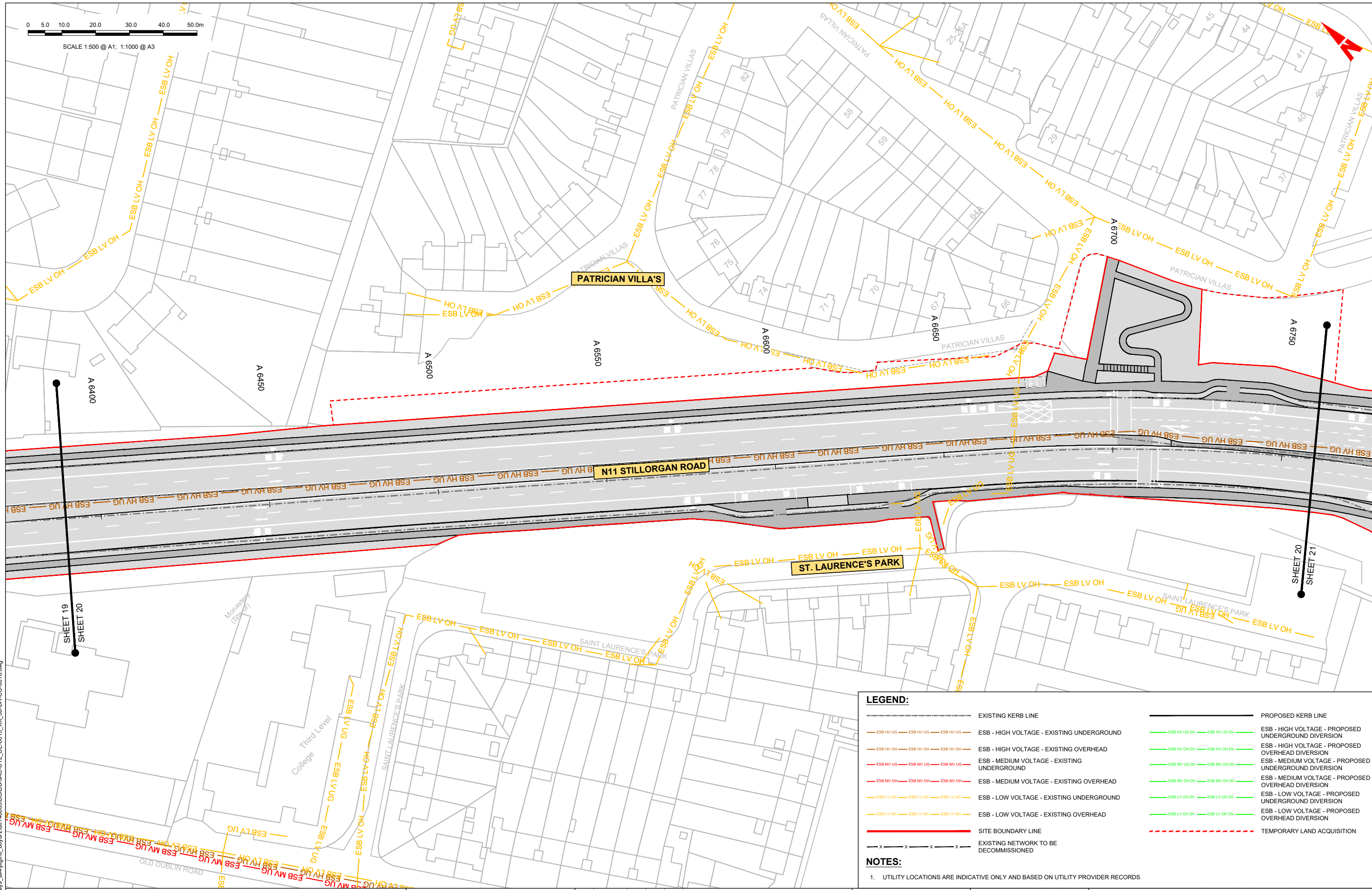
Project Code: BCIDB | Originator Code: JAC | OMS Code:

Programme Title: <b>BUSCONNECTS DUBLIN</b>			
Drawing Title: <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing File Name: BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0019			
Sheet Number: 19 of 54	Status: A	Rev: M01	

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



**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
	SITE BOUNDARY LINE		TEMPORARY LAND ACQUISITION
	EXISTING NETWORK TO BE DECOMMISSIONED		

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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 | Drawn: LH | Checked: DM | Approved: RS

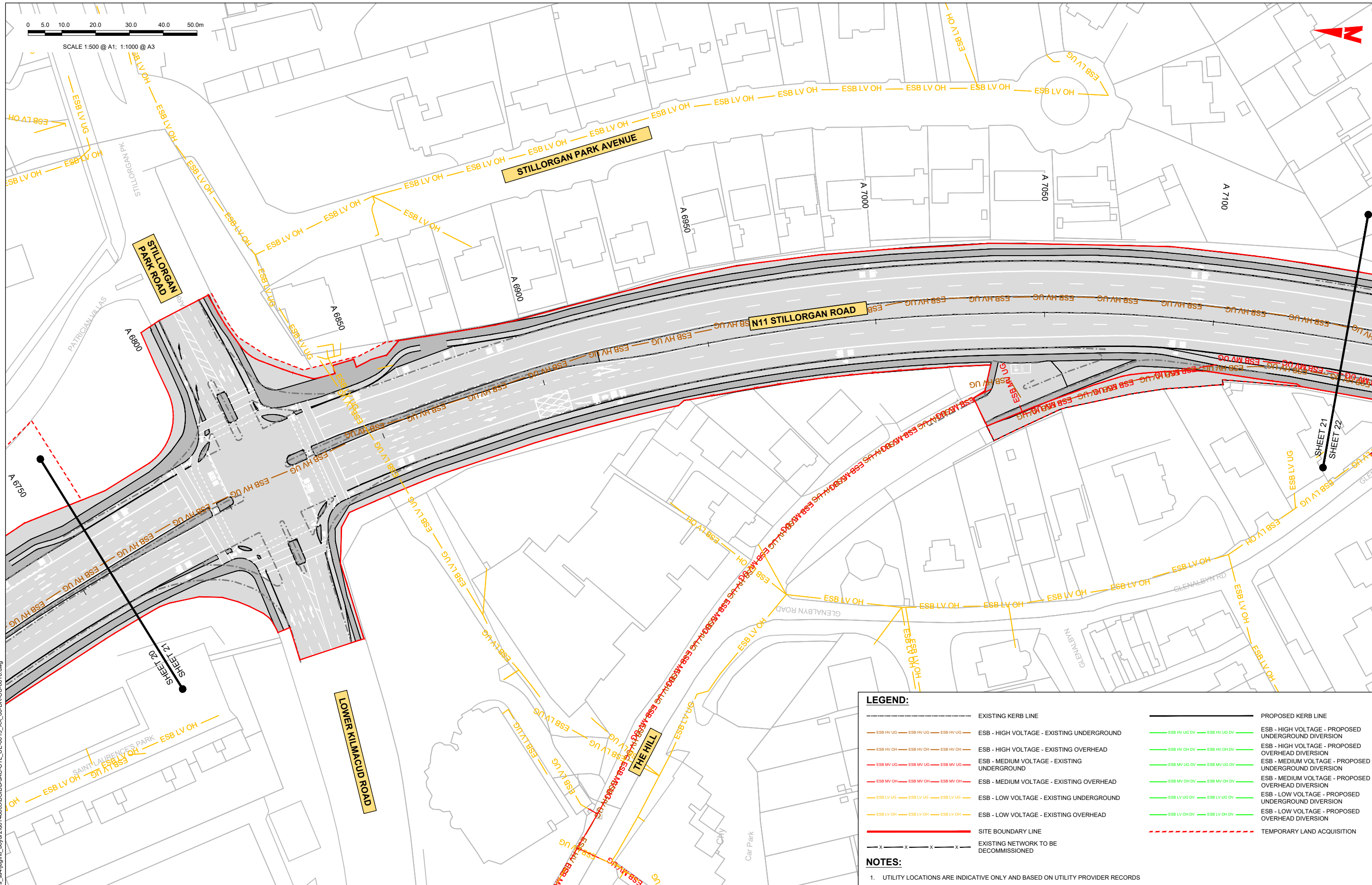
Project Code: BCIDB | Originator Code: JAC | QMS Code:

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name: BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0020	Sheet Number: 20 of 54	Status: A	Rev: M01

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



**LEGEND:**

---	EXISTING KERB LINE	---	PROPOSED KERB LINE
— ESB HV UG —	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND	— ESB HV UG DV —	ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
— ESB HV OH —	ESB - HIGH VOLTAGE - EXISTING OVERHEAD	— ESB HV OH DV —	ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
— ESB MV UG —	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND	— ESB MV UG DV —	ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
— ESB MV OH —	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD	— ESB MV OH DV —	ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
— ESB LV UG —	ESB - LOW VOLTAGE - EXISTING UNDERGROUND	— ESB LV UG DV —	ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
— ESB LV OH —	ESB - LOW VOLTAGE - EXISTING OVERHEAD	— ESB LV OH DV —	ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
---	SITE BOUNDARY LINE	---	TEMPORARY LAND ACQUISITION
- x - x - x - x -	EXISTING NETWORK TO BE DECOMMISSIONED		

**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

Project Code: BCIDB  
 Originator Code: JAC

Drawn: LH  
 Checked: DM  
 Approved: RS

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name: BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0021	Sheet Number: 21 of 54	Status: A	Rev: M01

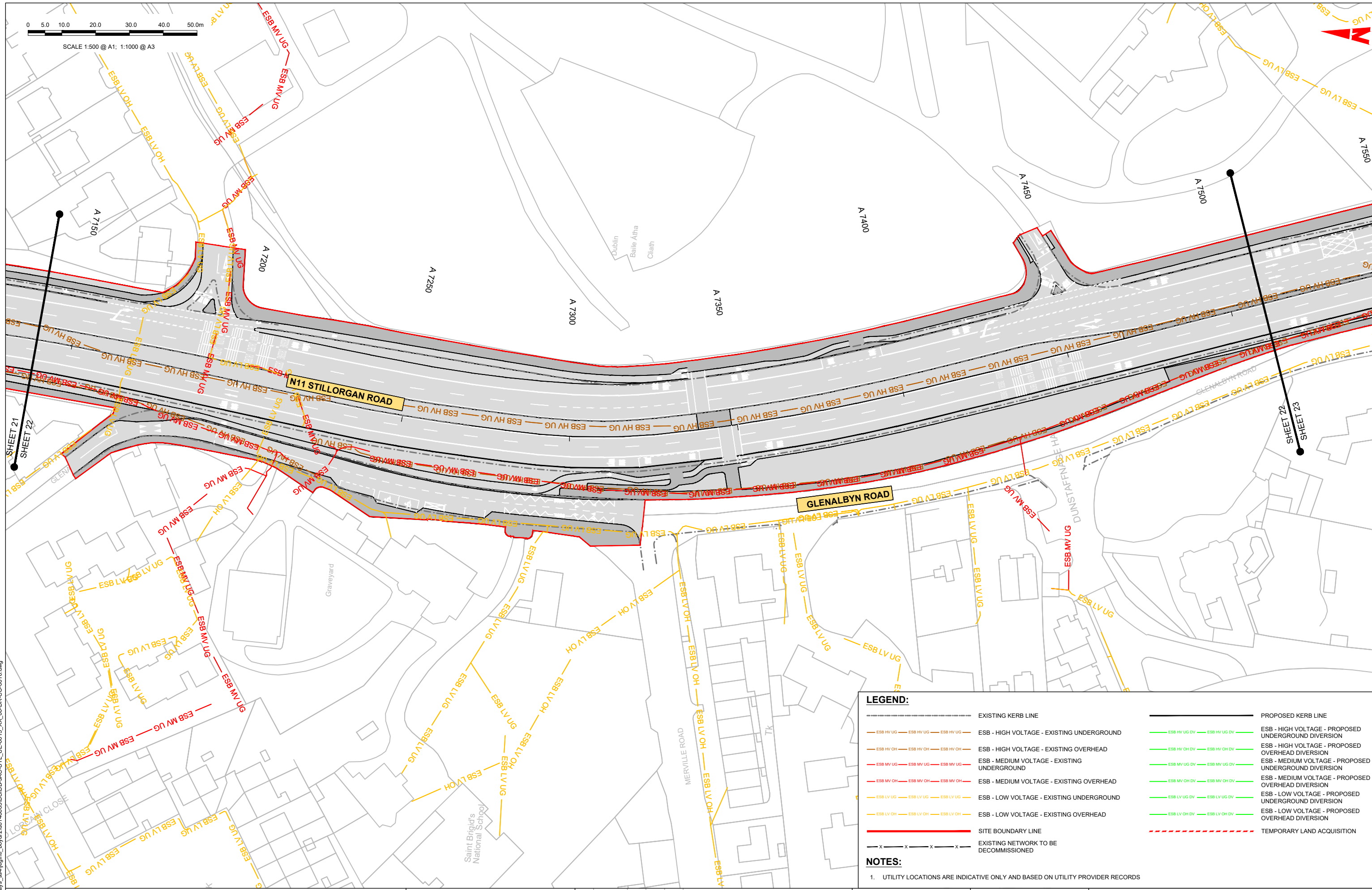
DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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



**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD 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	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

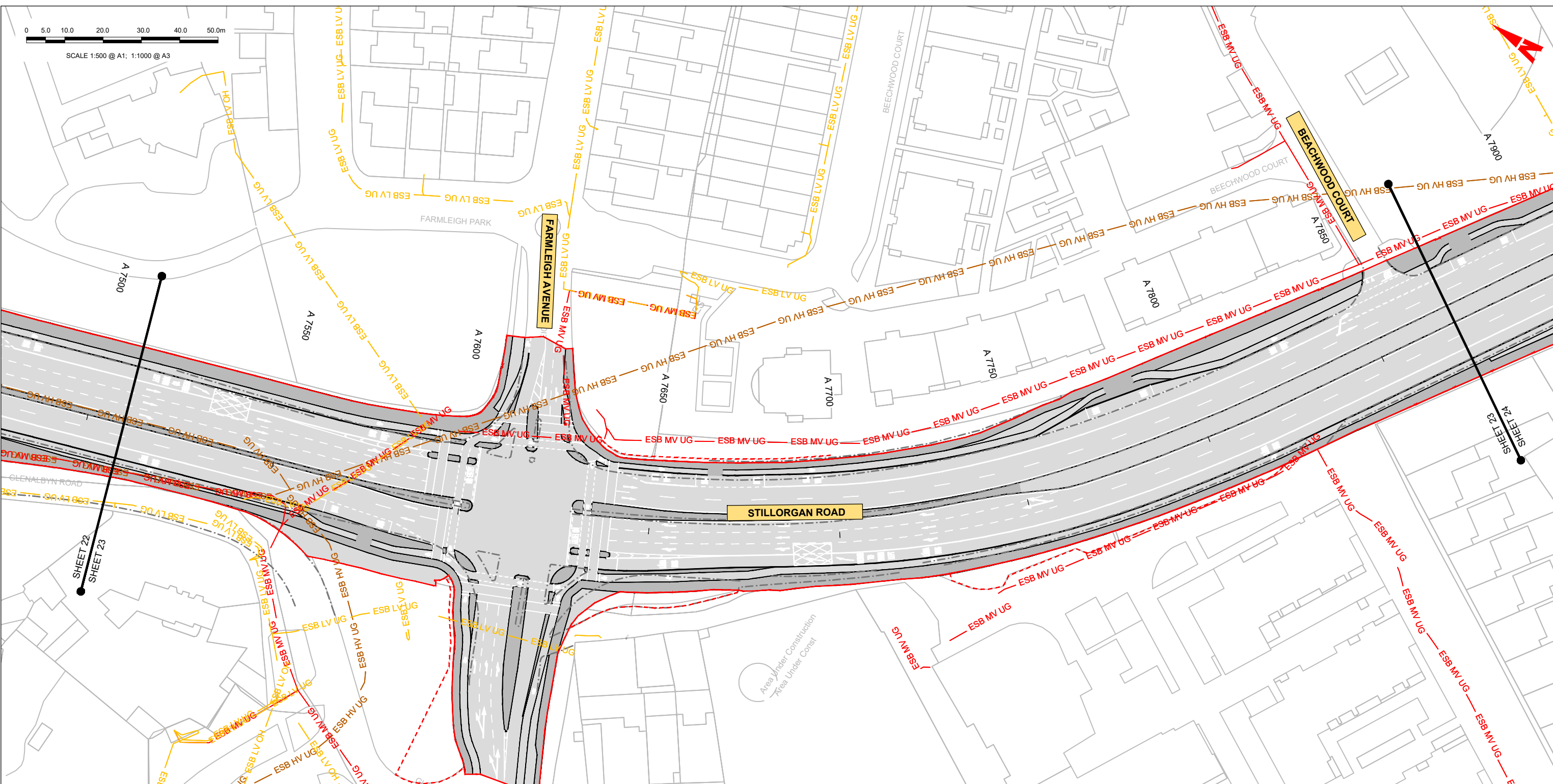
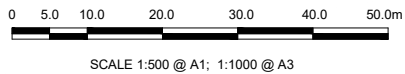
Engineering Designer: **Jacobs**

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: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name: BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0022	Sheet Number: 22 of 54	Status: A	Rev: M01

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**LEGEND:**

---	EXISTING KERB LINE	---	PROPOSED KERB LINE
---	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND	---	ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
---	ESB - HIGH VOLTAGE - EXISTING OVERHEAD	---	ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
---	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND	---	ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
---	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD	---	ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
---	ESB - LOW VOLTAGE - EXISTING UNDERGROUND	---	ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
---	ESB - LOW VOLTAGE - EXISTING OVERHEAD	---	ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
---	SITE BOUNDARY LINE	---	TEMPORARY LAND ACQUISITION
---	EXISTING NETWORK TO BE DECOMMISSIONED		

**NOTES:**

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

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

Client: **NTA**  
Ódaráis 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  
OMS Code:

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0023	Sheet Number 23 of 54	Status A	Rev M01

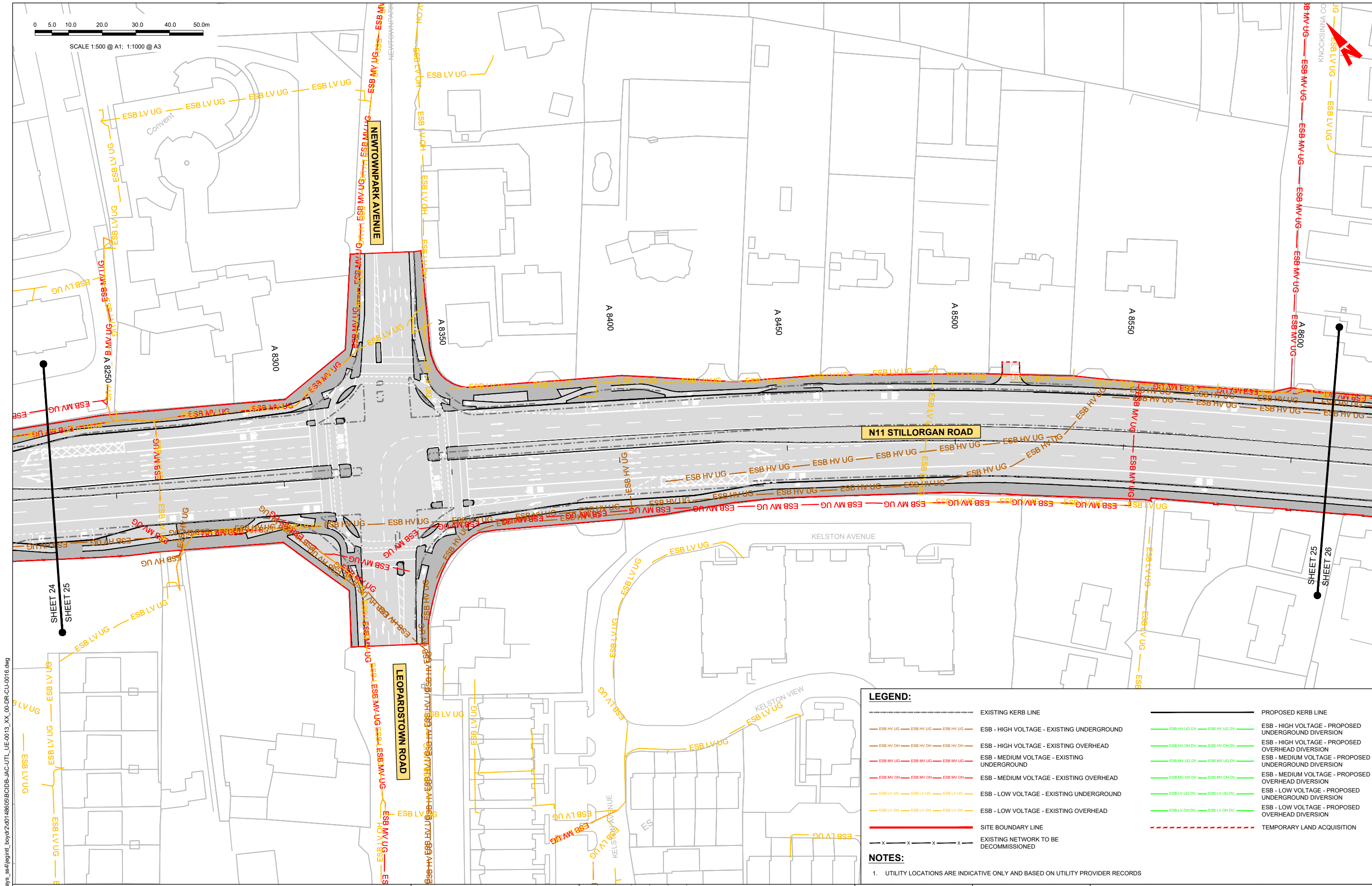
DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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



**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD 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	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

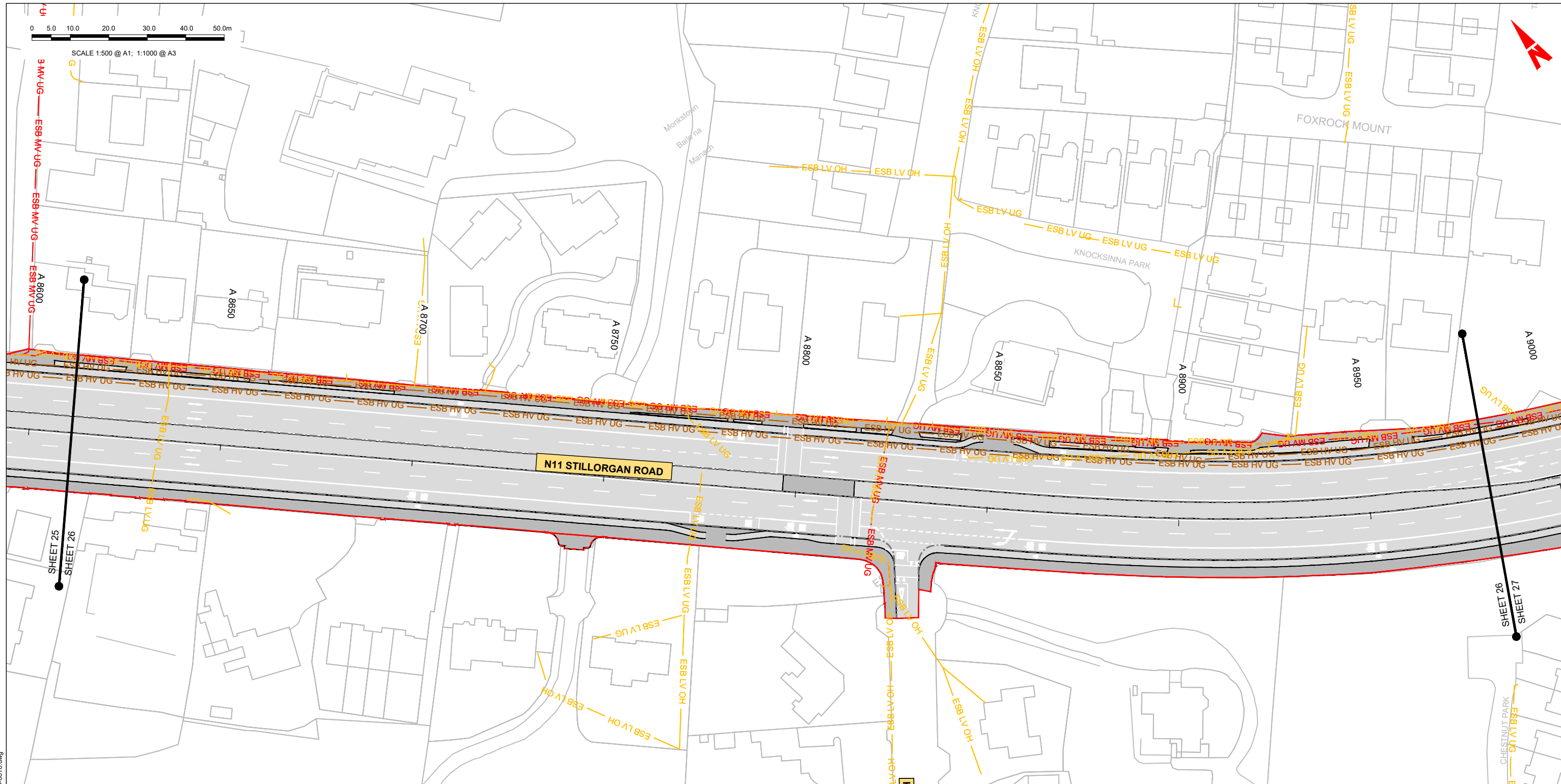
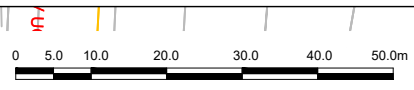
Engineering Designer: **Jacobs**

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: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name: BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0025	Sheet Number: 25 of 54	Status: A	Rev: M01

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**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD 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	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			

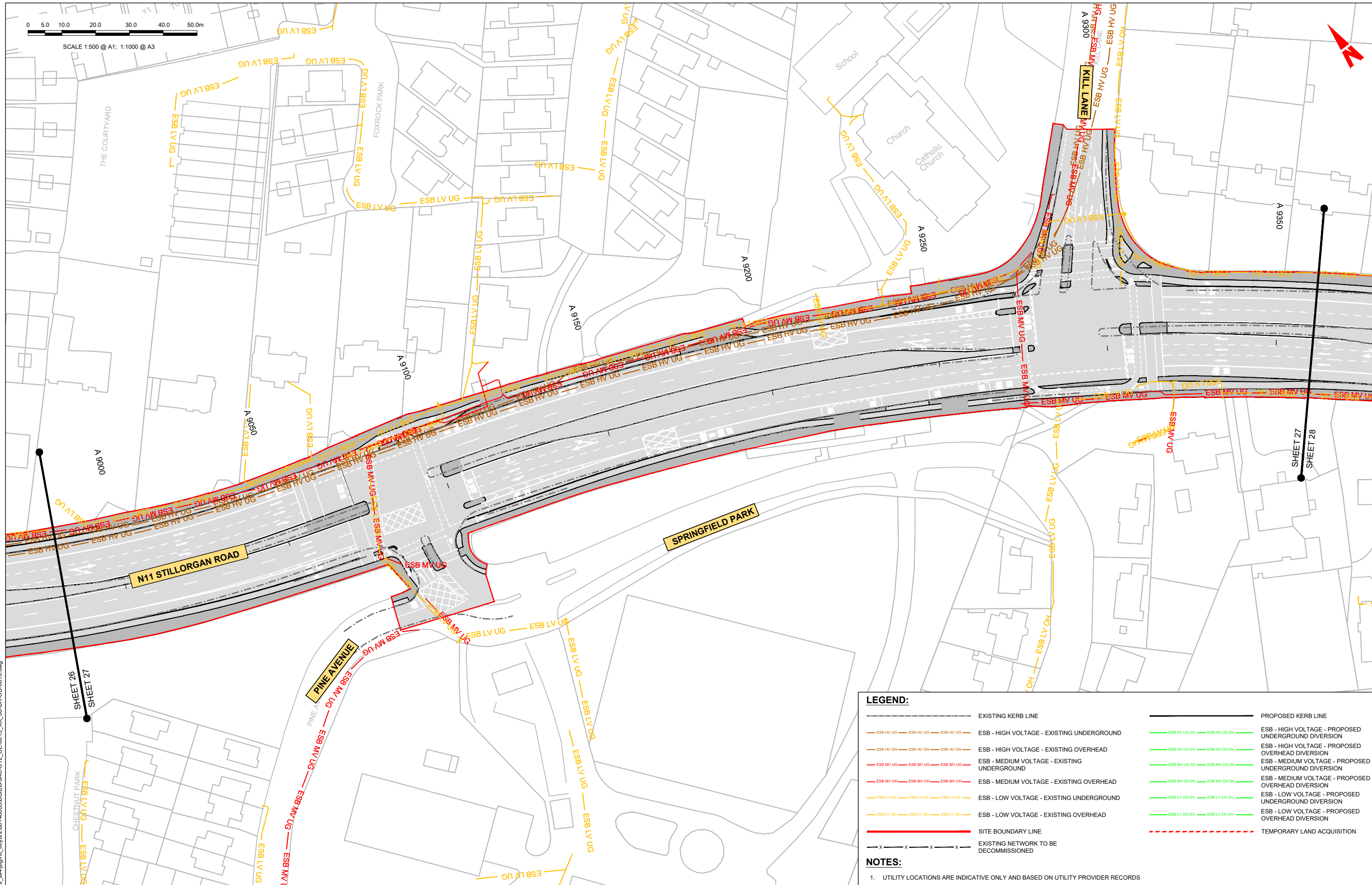
<b>Programme Title</b> BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
<b>Drawing Title</b> BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0026	26 of 54	A	M01

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



**LEGEND:**

-----	EXISTING KERB LINE	-----	PROPOSED KERB LINE
— ESB HV UG —	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND	— ESB HV UG DV —	ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
— ESB HV OH —	ESB - HIGH VOLTAGE - EXISTING OVERHEAD	— ESB HV OH DV —	ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
— ESB MV UG —	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND	— ESB MV UG DV —	ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
— ESB MV OH —	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD	— ESB MV OH DV —	ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
— ESB LV UG —	ESB - LOW VOLTAGE - EXISTING UNDERGROUND	— ESB LV UG DV —	ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
— ESB LV OH —	ESB - LOW VOLTAGE - EXISTING OVERHEAD	— ESB LV OH DV —	ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
—	SITE BOUNDARY LINE	---	TEMPORARY LAND ACQUISITION
- x - x - x - x -	EXISTING NETWORK TO BE DECOMMISSIONED		

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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**

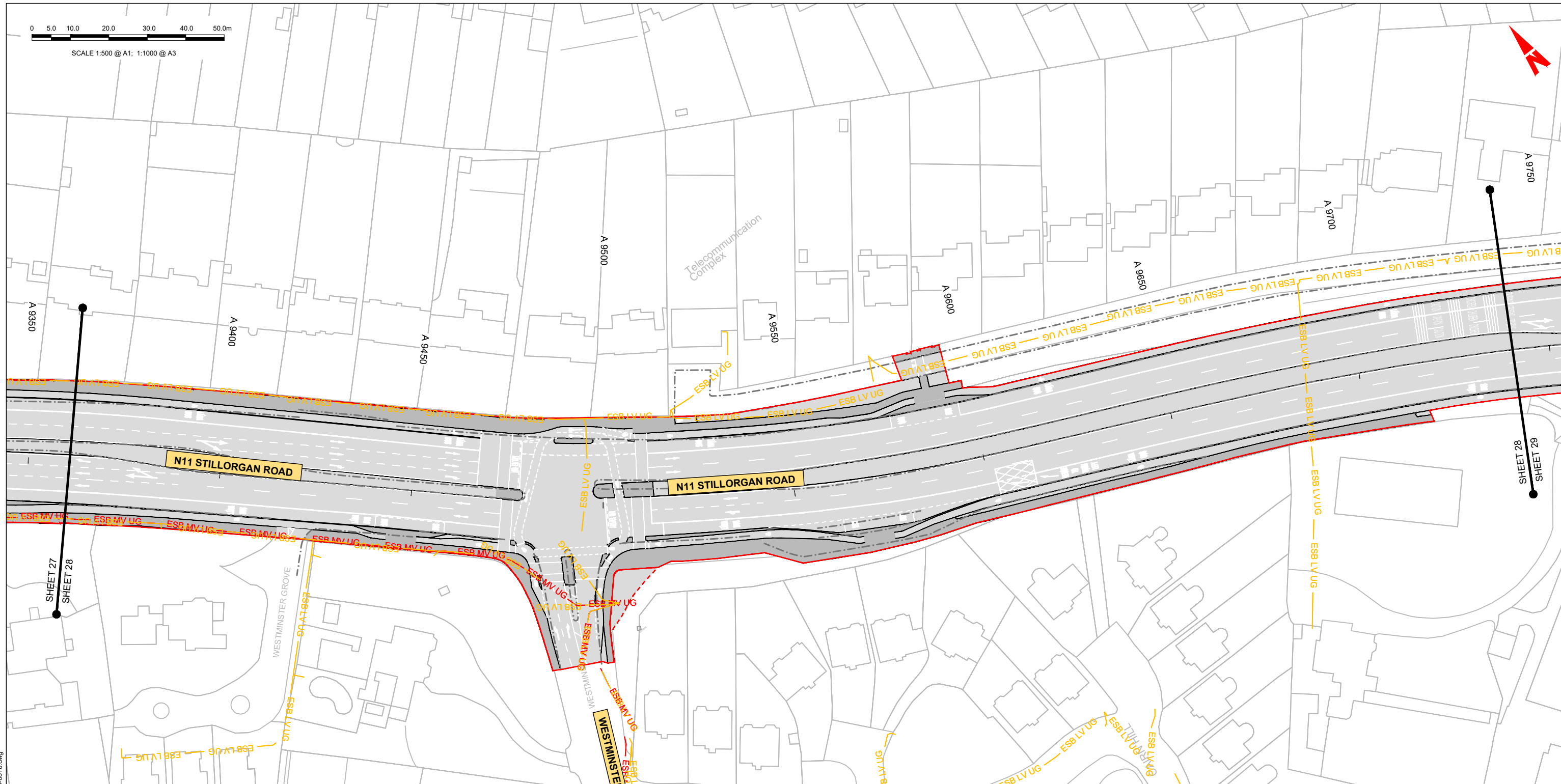
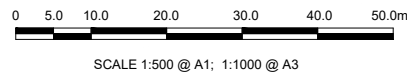
Date: 08/05/2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: LH | Checked: DM | Approved: RS

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

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name: BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0027	Sheet Number: 27 of 54	Status: A	Rev: M01

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**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
	SITE BOUNDARY LINE		TEMPORARY LAND ACQUISITION
	EXISTING NETWORK TO BE DECOMMISSIONED		

**NOTES:**

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

C:\pwworking\jacobs\_uk\_highways\_ss4\legintl\_boyard2d014860516C1DB-JAC-UTL\_UE-0013\_XX\_00-DR-CU-0016.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: **NTA**  
 Údarás Náisiúnta Iompair  
 National Transport Authority

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

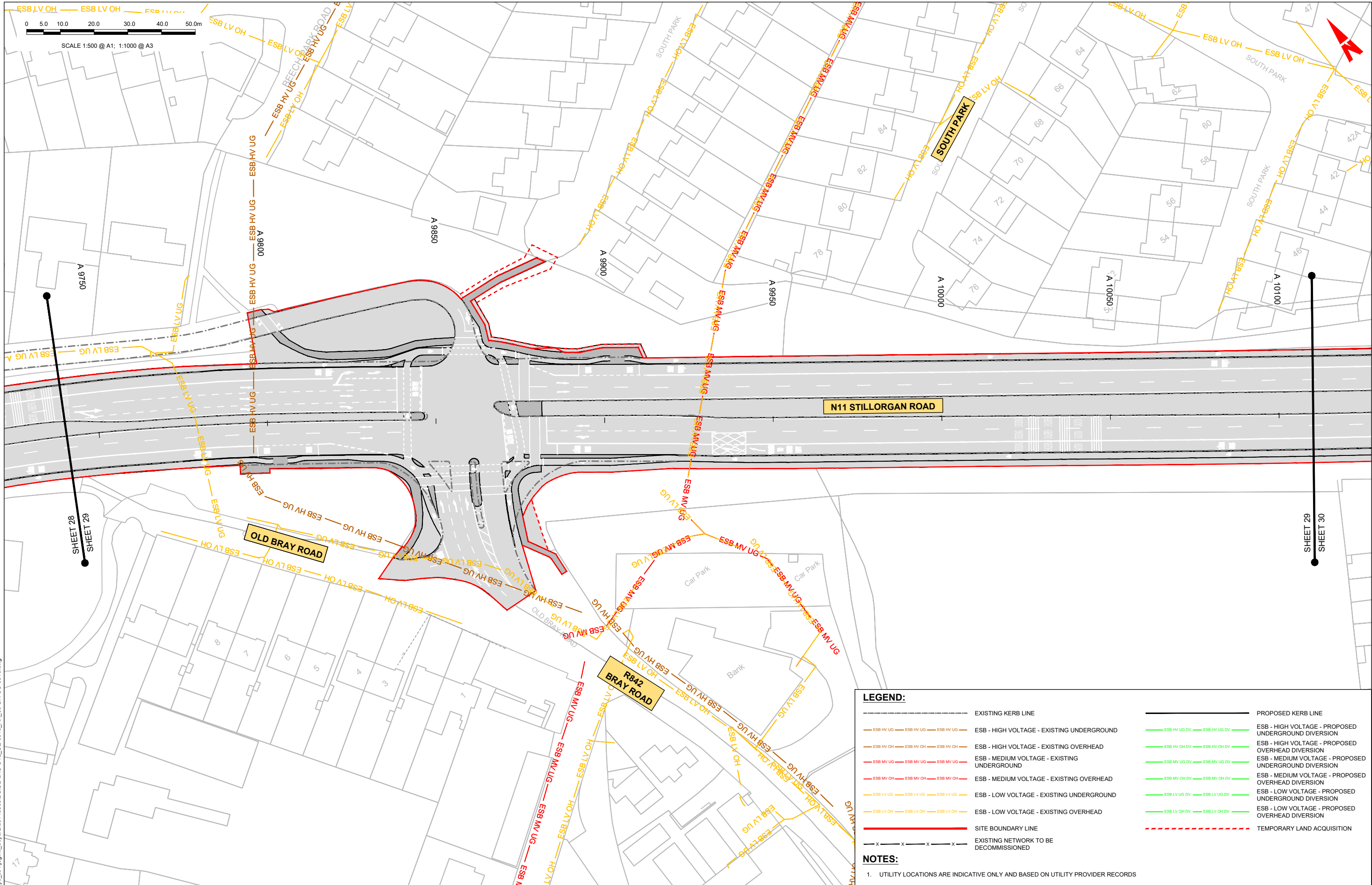
Project Code: BCIDB  
 Originator Code: JAC

Engineering Designer: **Jacobs**

Drawn: LH  
 Checked: DM  
 Approved: RS

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0028	Sheet Number 28 of 54	Status A	Rev M01

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**LEGEND:**

-----	EXISTING KERB LINE	-----	PROPOSED KERB LINE
— ESB HV UG — ESB HV UG — ESB HV UG —	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND	— ESB HV UG DV — ESB HV UG DV —	ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
— ESB HV OH — ESB HV OH — ESB HV OH —	ESB - HIGH VOLTAGE - EXISTING OVERHEAD	— ESB HV OH DV — ESB HV OH DV —	ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
— ESB MV UG — ESB MV UG — ESB MV UG —	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND	— ESB MV UG DV — ESB MV UG DV —	ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
— ESB MV OH — ESB MV OH — ESB MV OH —	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD	— ESB MV OH DV — ESB MV OH DV —	ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
— ESB LV UG — ESB LV UG — ESB LV UG —	ESB - LOW VOLTAGE - EXISTING UNDERGROUND	— ESB LV UG DV — ESB LV UG DV —	ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
— ESB LV OH — ESB LV OH — ESB LV OH —	ESB - LOW VOLTAGE - EXISTING OVERHEAD	— ESB LV OH DV — ESB LV OH DV —	ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
-----	SITE BOUNDARY LINE	-----	TEMPORARY LAND ACQUISITION
- x - x - x - x -	EXISTING NETWORK TO BE DECOMMISSIONED		

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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

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**

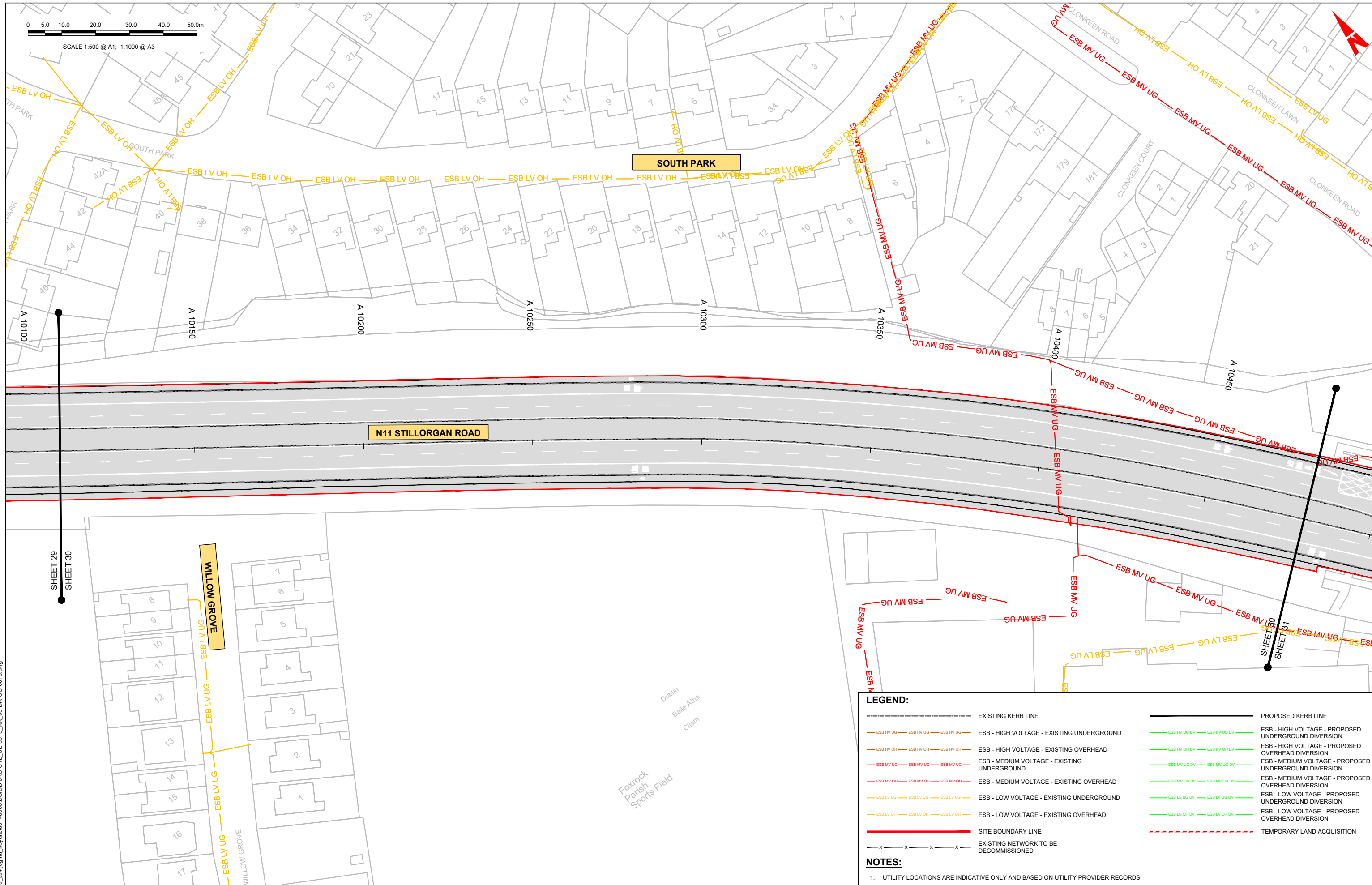
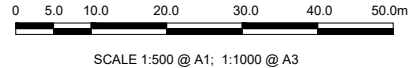
Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME  
 ESB ASSET ALTERATIONS**

Drawing File Name: BCIDB-JAC-UTL\_UE-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
— ESB HV UG — ESB HV UG — ESB HV UG —	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND	— ESB HV UG DV — ESB HV UG DV —	ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
— ESB HV OH — ESB HV OH — ESB HV OH —	ESB - HIGH VOLTAGE - EXISTING OVERHEAD	— ESB HV OH DV — ESB HV OH DV —	ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
— ESB MV UG — ESB MV UG — ESB MV UG —	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND	— ESB MV UG DV — ESB MV UG DV —	ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
— ESB MV OH — ESB MV OH — ESB MV OH —	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD	— ESB MV OH DV — ESB MV OH DV —	ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
— ESB LV UG — ESB LV UG — ESB LV UG —	ESB - LOW VOLTAGE - EXISTING UNDERGROUND	— ESB LV UG DV — ESB LV UG DV —	ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
— ESB LV OH — ESB LV OH — ESB LV OH —	ESB - LOW VOLTAGE - EXISTING OVERHEAD	— ESB LV OH DV — ESB LV OH DV —	ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
— — — — —	SITE BOUNDARY LINE	-----	TEMPORARY LAND ACQUISITION
— x — x — x — x —	EXISTING NETWORK TO BE DECOMMISSIONED		

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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

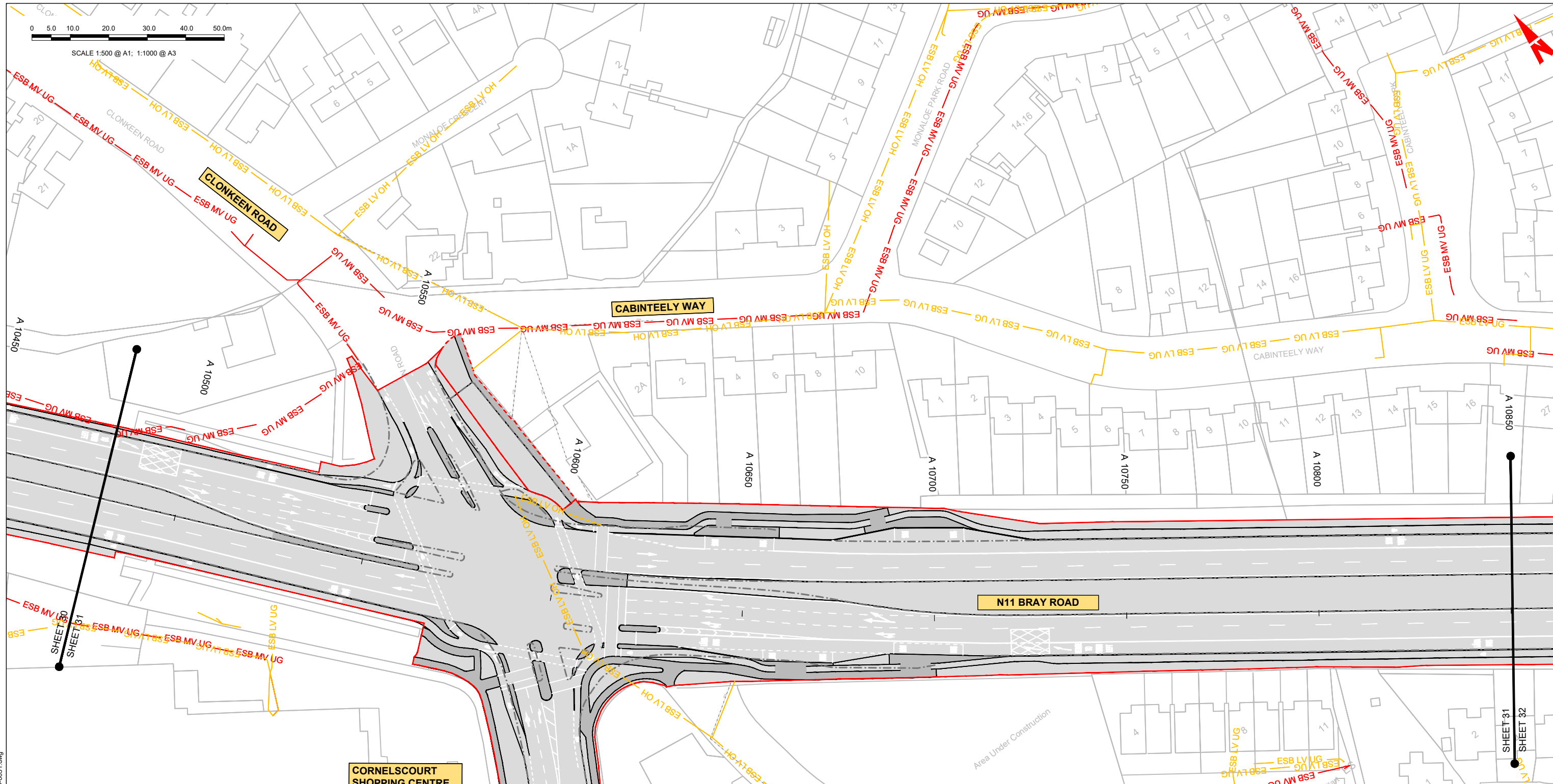
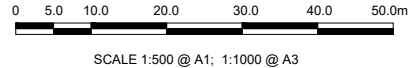
Drawn: LH  
 Checked: DM  
 Approved: RS

QMS Code:

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name BCIDB-JAC-UTL_UE-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
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
	SITE BOUNDARY LINE		TEMPORARY LAND ACQUISITION
	EXISTING NETWORK TO BE DECOMMISSIONED		

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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**

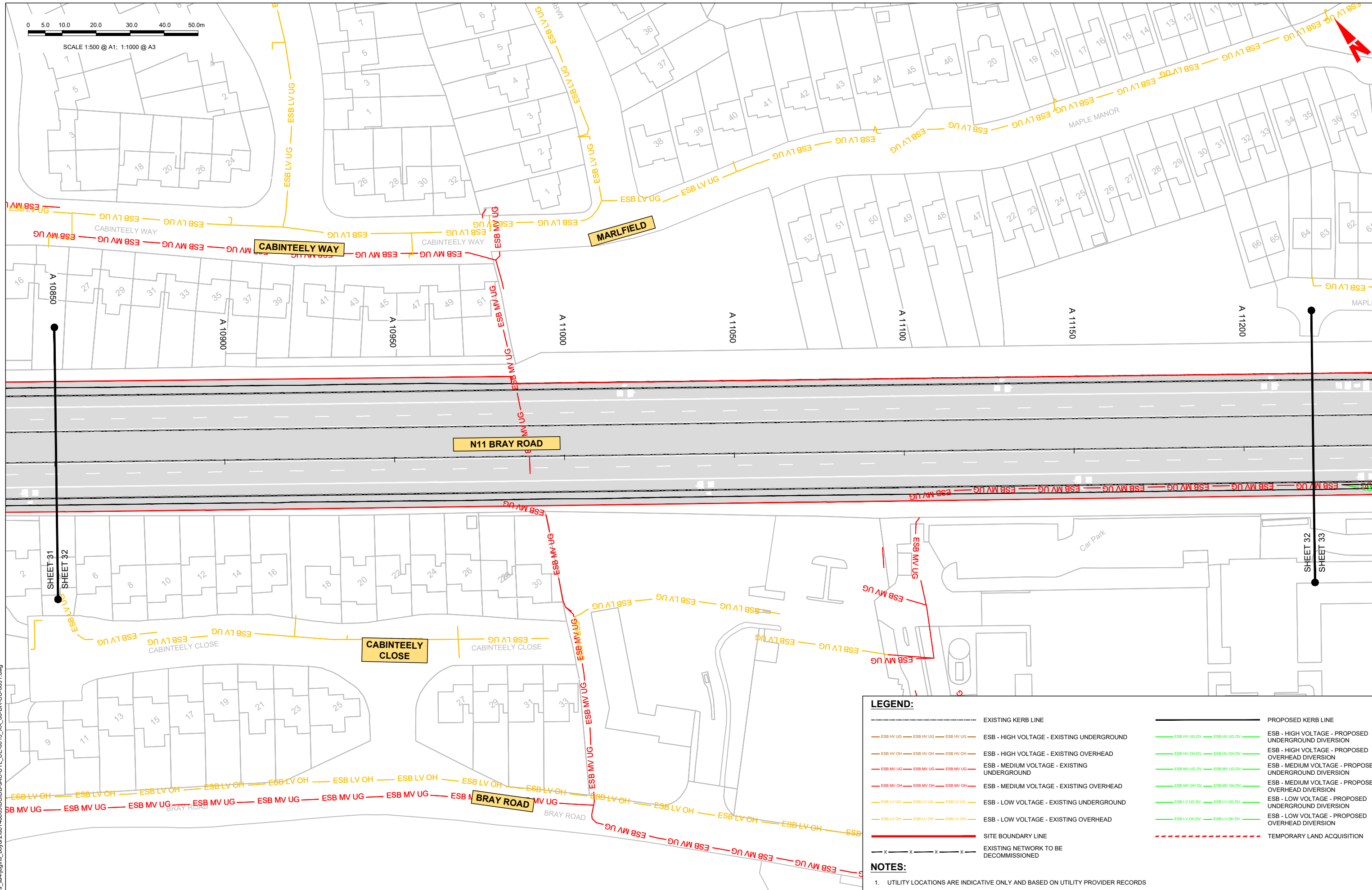
Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS**

Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0031	31 of 54	A	M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



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



**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD 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	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

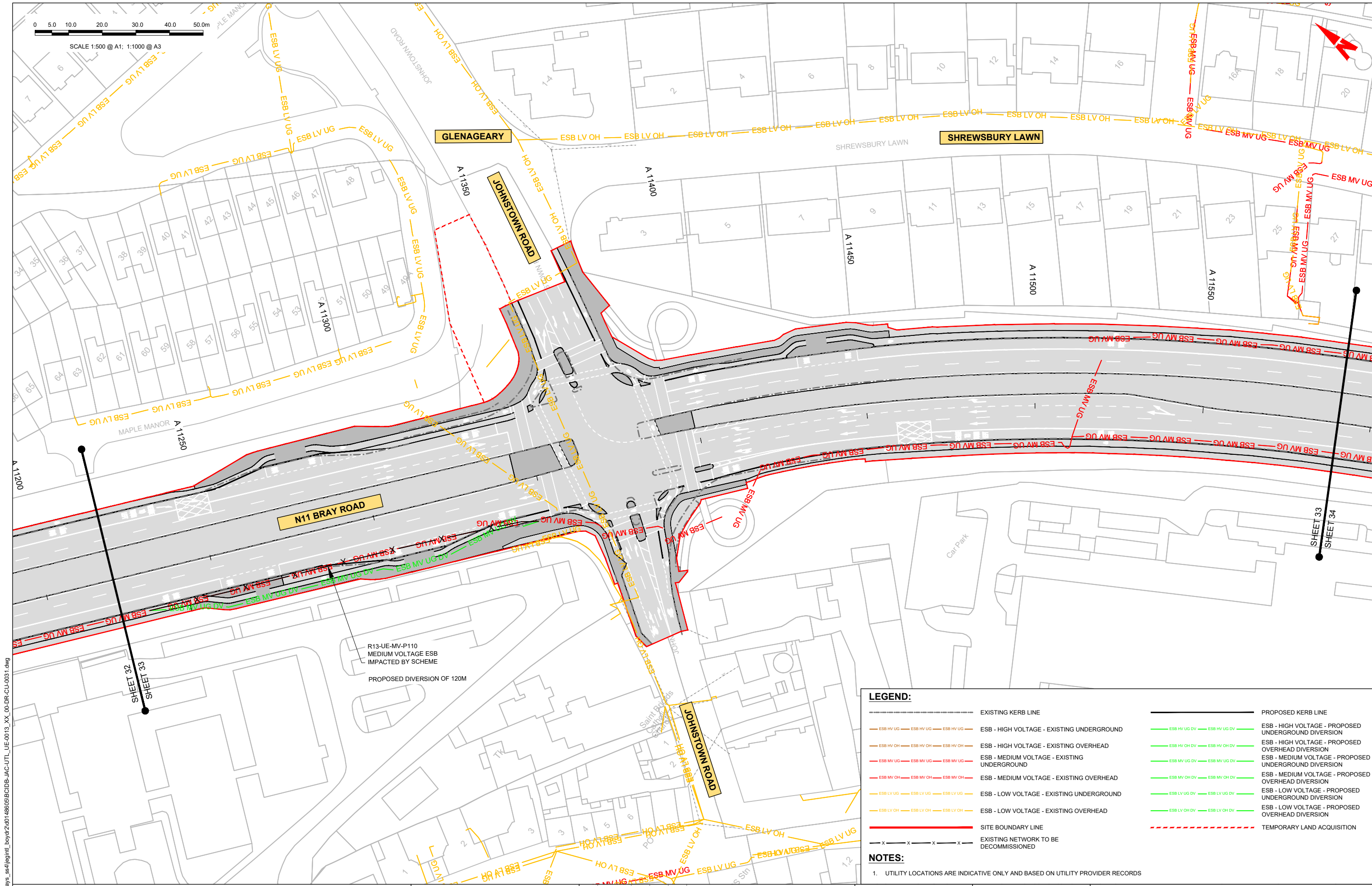
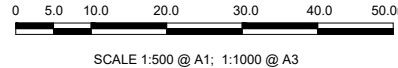
Engineering Designer: **Jacobs**

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: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name: BCIDB-JAC-UTL_UE-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
— ESB HV UG — ESB HV UG — ESB HV UG —	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND	— ESB HV UG DV — ESB HV UG DV —	ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
— ESB HV OH — ESB HV OH — ESB HV OH —	ESB - HIGH VOLTAGE - EXISTING OVERHEAD	— ESB HV OH DV — ESB HV OH DV —	ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
— ESB MV UG — ESB MV UG — ESB MV UG —	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND	— ESB MV UG DV — ESB MV UG DV —	ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
— ESB MV OH — ESB MV OH — ESB MV OH —	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD	— ESB MV OH DV — ESB MV OH DV —	ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
— ESB LV UG — ESB LV UG — ESB LV UG —	ESB - LOW VOLTAGE - EXISTING UNDERGROUND	— ESB LV UG DV — ESB LV UG DV —	ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
— ESB LV OH — ESB LV OH — ESB LV OH —	ESB - LOW VOLTAGE - EXISTING OVERHEAD	— ESB LV OH DV — ESB LV OH DV —	ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
— — — — —	SITE BOUNDARY LINE	-----	TEMPORARY LAND ACQUISITION
- x - x - x - x -	EXISTING NETWORK TO BE DECOMMISSIONED		

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

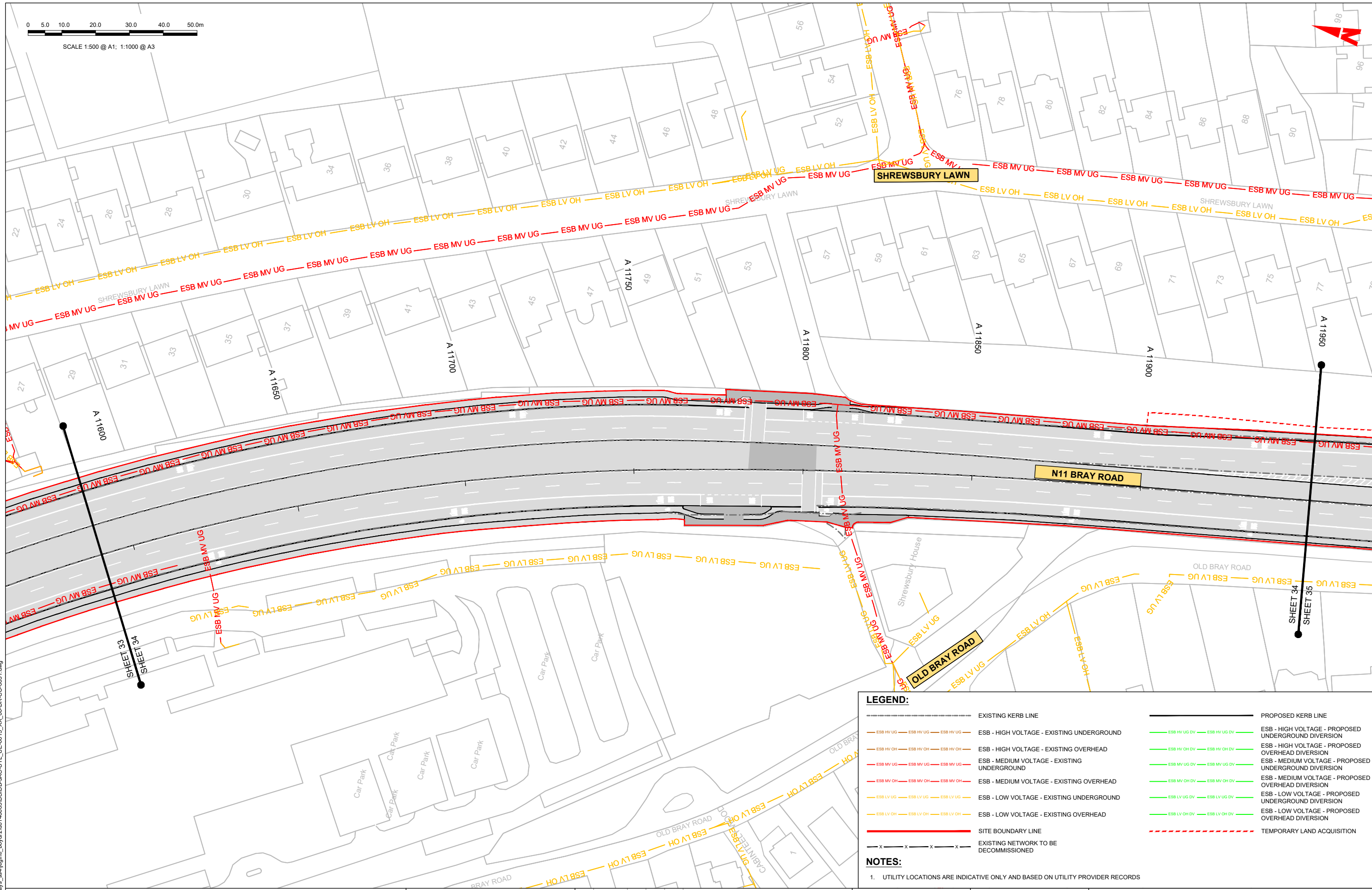
Project Code: BCIDB | Originator Code: JAC | QMS Code:

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name: BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0033	Sheet Number: 33 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
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD 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	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:

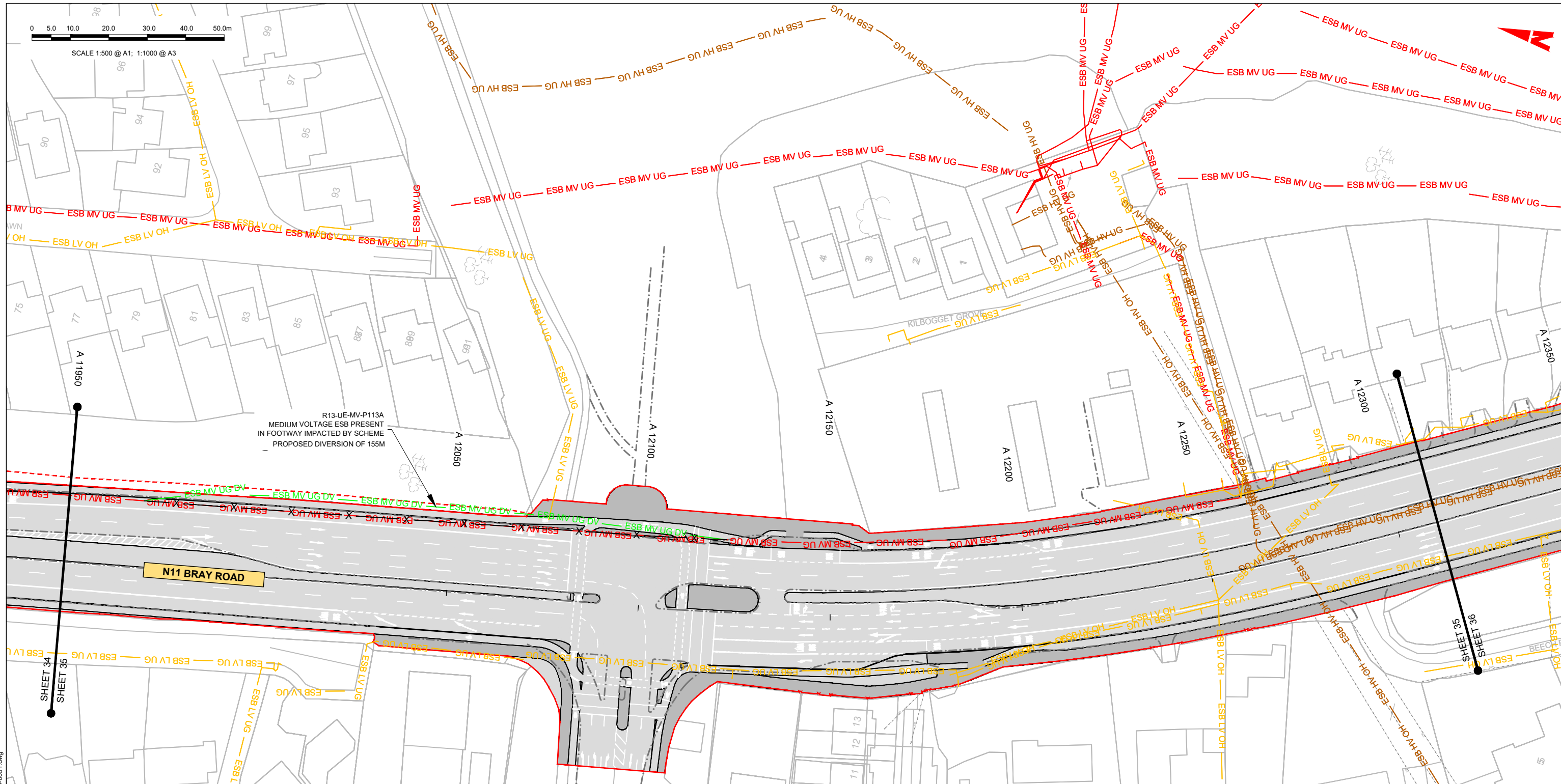
Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name: BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0034	Sheet Number: 34 of 54	Status: A	Rev: M01

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



**LEGEND:**

---	EXISTING KERB LINE	---	PROPOSED KERB LINE
— ESB HV UG —	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND	— ESB HV UG DV —	ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
— ESB HV OH —	ESB - HIGH VOLTAGE - EXISTING OVERHEAD	— ESB HV OH DV —	ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
— ESB MV UG —	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND	— ESB MV UG DV —	ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
— ESB MV OH —	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD	— ESB MV OH DV —	ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
— ESB LV UG —	ESB - LOW VOLTAGE - EXISTING UNDERGROUND	— ESB LV UG DV —	ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
— ESB LV OH —	ESB - LOW VOLTAGE - EXISTING OVERHEAD	— ESB LV OH DV —	ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
---	SITE BOUNDARY LINE	---	TEMPORARY LAND ACQUISITION
-x-x-x-x-	EXISTING NETWORK TO BE DECOMMISSIONED		

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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

QMS Code

Drawn: LH  
Checked: DM  
Approved: RS

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

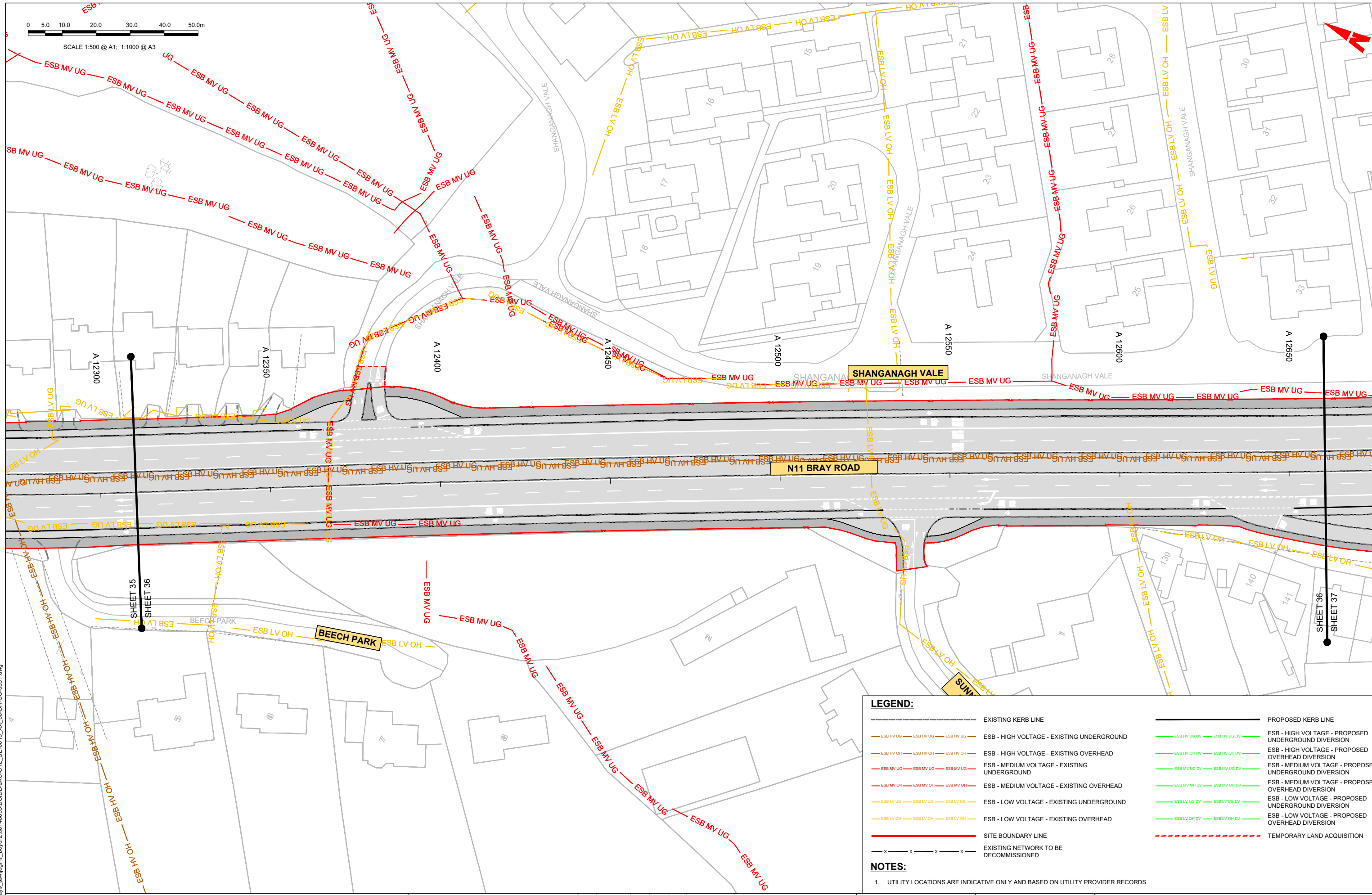
Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME  
ESB ASSET ALTERATIONS**

Drawing File Name: BCIDB-JAC-UTL\_UE-0013\_XX\_00-DR-CU-0035  
Sheet Number: 35 of 54  
Status: A  
Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



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



**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
	SITE BOUNDARY LINE		TEMPORARY LAND ACQUISITION
	EXISTING NETWORK TO BE DECOMMISSIONED		

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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 | 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 ESB ASSET ALTERATIONS**

Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0036	36 of 54	A	M01

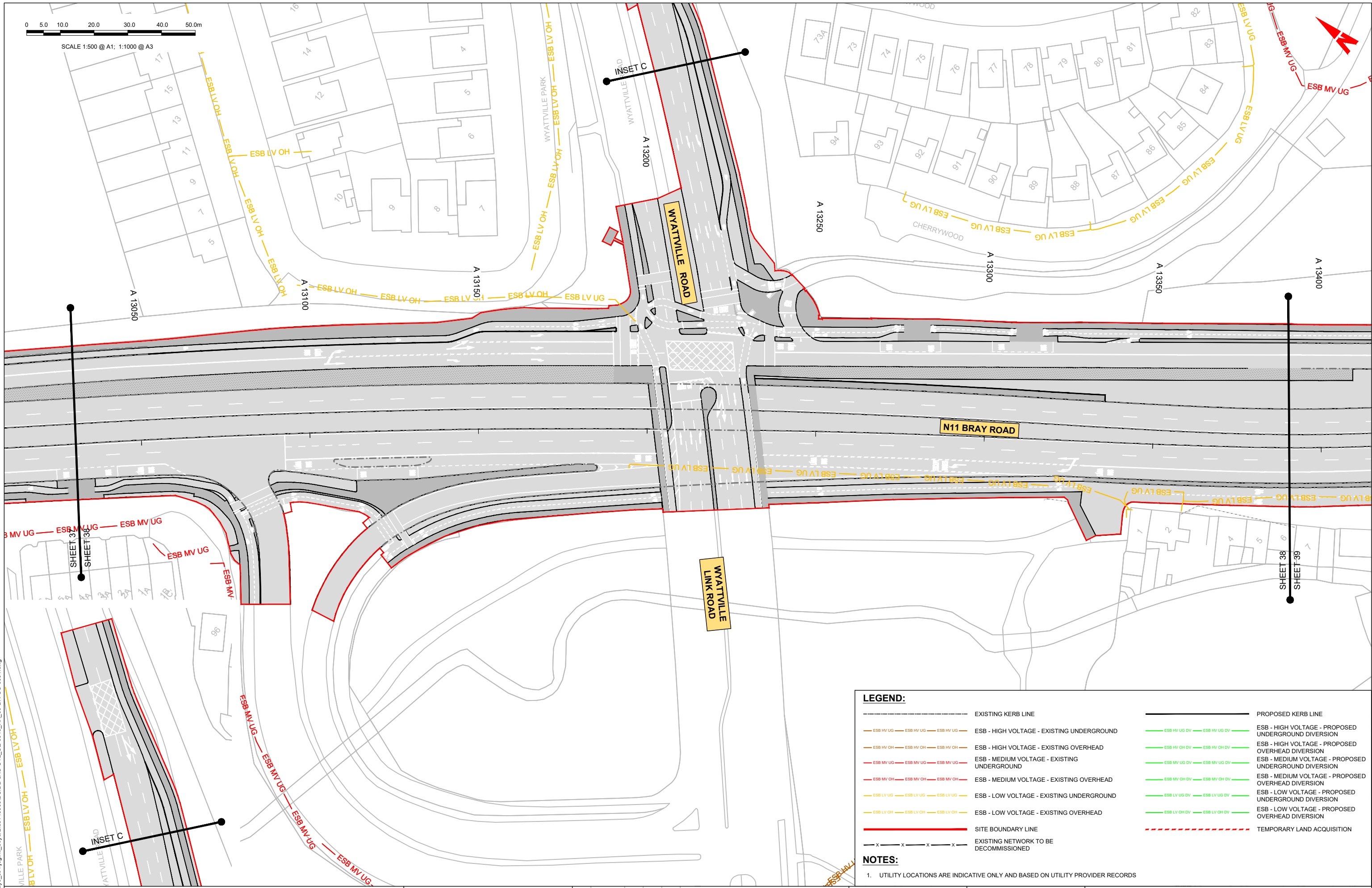
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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



**LEGEND:**

- EXISTING KERB LINE
- PROPOSED KERB LINE
- ESB HV UG --- ESB HV UG --- ESB HV UG --- ESB - HIGH VOLTAGE - EXISTING UNDERGROUND
- ESB HV UG DV --- ESB HV UG DV --- ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB HV OH --- ESB HV OH --- ESB HV OH --- ESB - HIGH VOLTAGE - EXISTING OVERHEAD
- ESB HV OH DV --- ESB HV OH DV --- ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB MV UG --- ESB MV UG --- ESB MV UG --- ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND
- ESB MV UG DV --- ESB MV UG DV --- ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB MV OH --- ESB MV OH --- ESB MV OH --- ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD
- ESB MV OH DV --- ESB MV OH DV --- ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
- ESB LV UG --- ESB LV UG --- ESB LV UG --- ESB - LOW VOLTAGE - EXISTING UNDERGROUND
- ESB LV UG DV --- ESB LV UG DV --- ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
- ESB LV OH --- ESB LV OH --- ESB LV OH --- ESB - LOW VOLTAGE - EXISTING OVERHEAD
- ESB LV OH DV --- ESB LV OH DV --- ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION
- X --- X --- X --- X --- EXISTING NETWORK TO BE DECOMMISSIONED

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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**

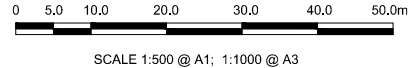
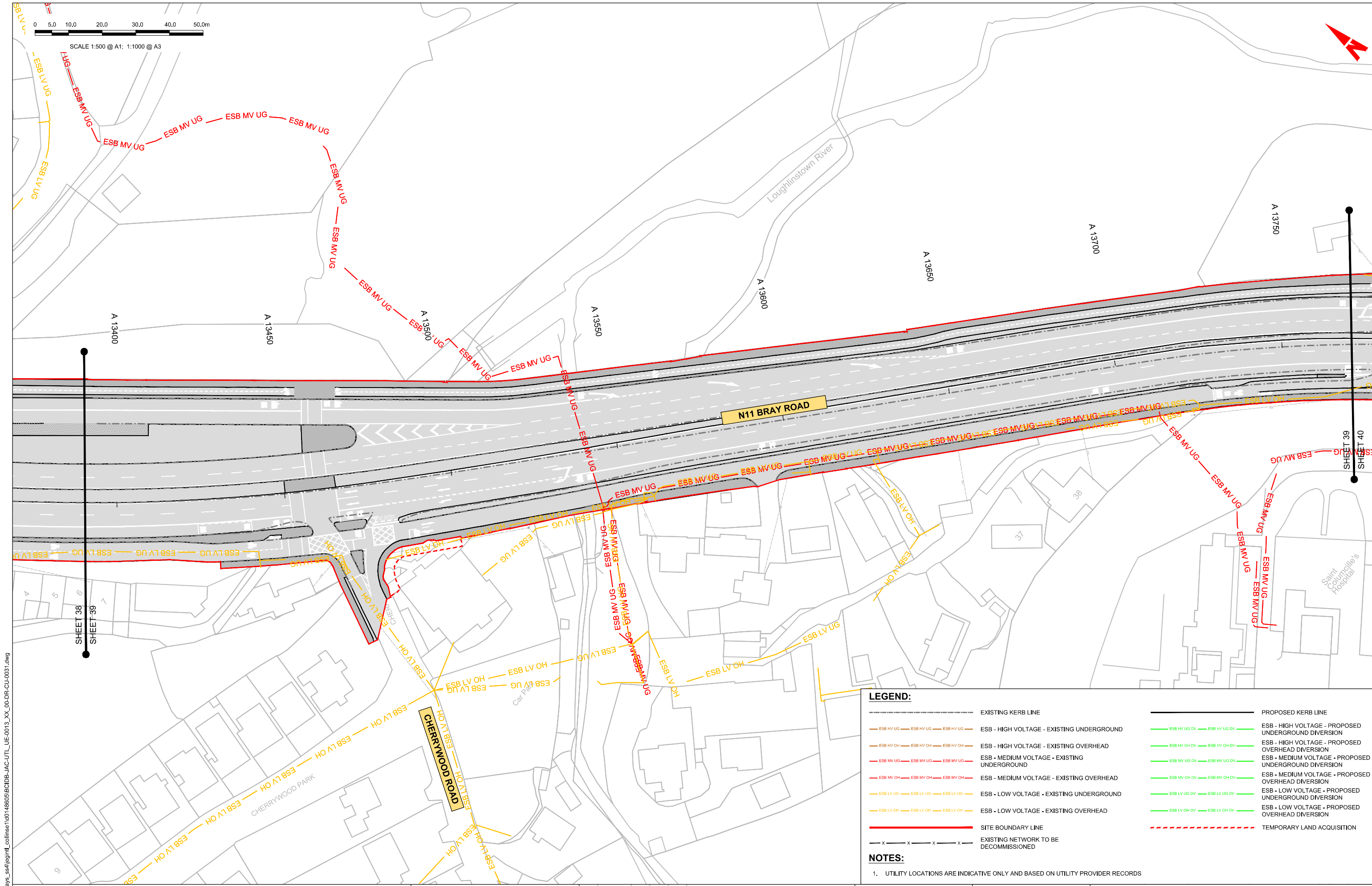
Date: 08/05/2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: LH | Checked: DM | Approved: RS

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

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name: BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0038	Sheet Number: 38 of 54	Status: A	Rev: M01

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**LEGEND:**

-----	EXISTING KERB LINE	-----	PROPOSED KERB LINE
---	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND	---	ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
---	ESB - HIGH VOLTAGE - EXISTING OVERHEAD	---	ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
---	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND	---	ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
---	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD	---	ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
---	ESB - LOW VOLTAGE - EXISTING UNDERGROUND	---	ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
---	ESB - LOW VOLTAGE - EXISTING OVERHEAD	---	ESB - LOW VOLTAGE - PROPOSED OVERHEAD 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	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			

<b>Programme Title</b> <b>BUSCONNECTS DUBLIN</b> <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
<b>Drawing Title</b> BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0039	39 of 54	A	M01

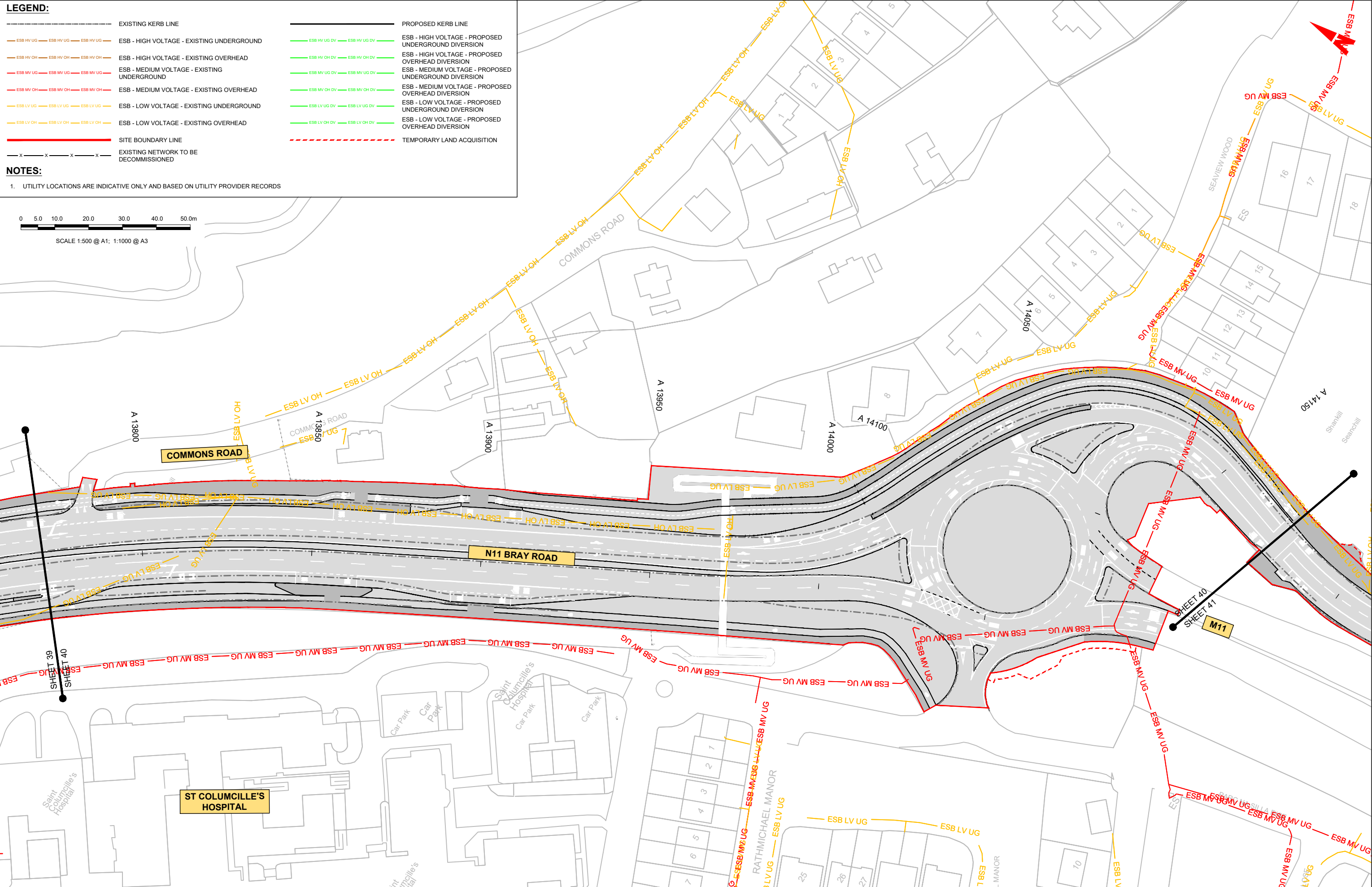
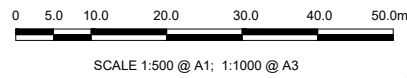
DO NOT SCALE USE FIGURED DIMENSIONS ONLY

**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD 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	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

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

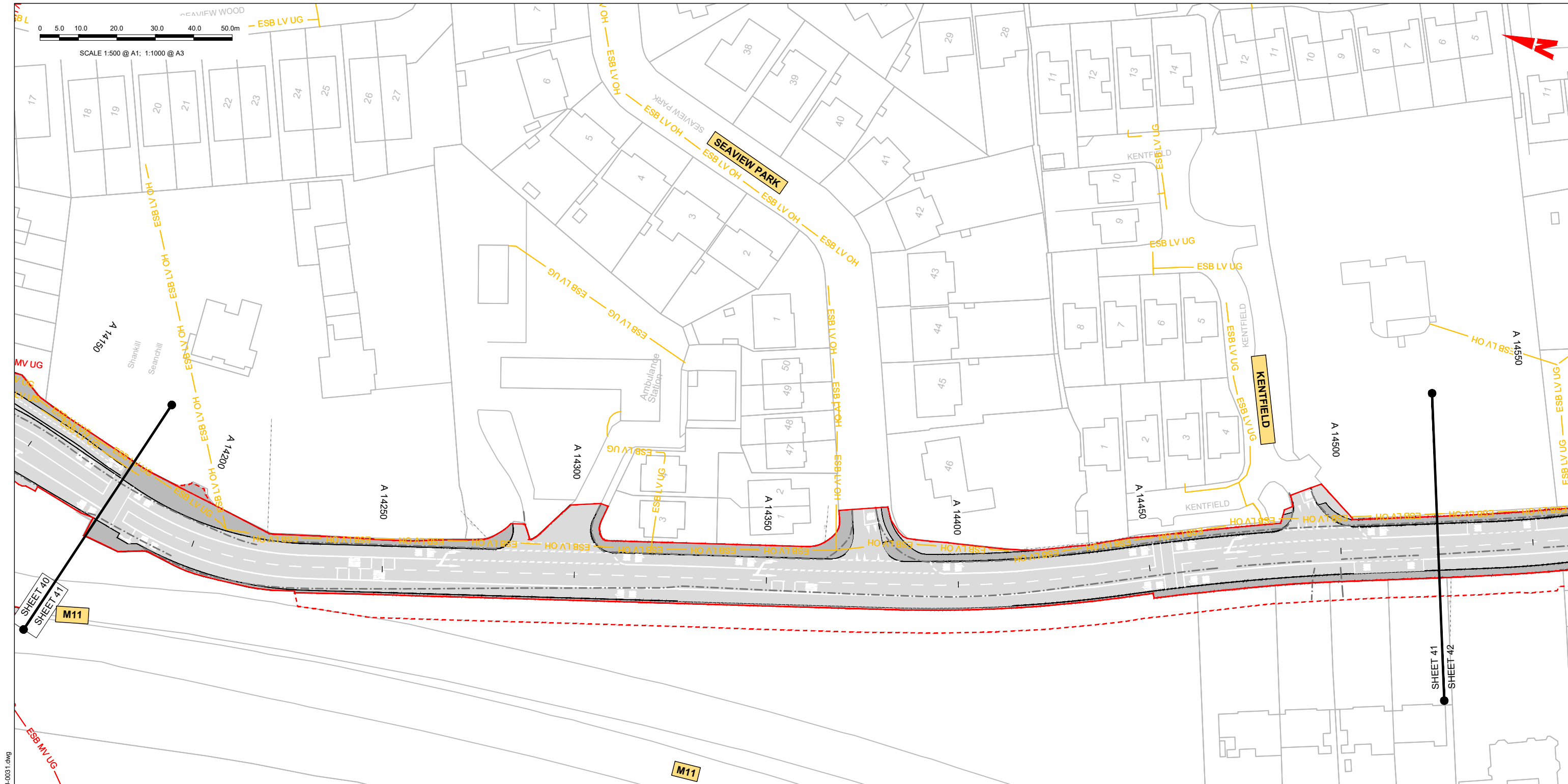
Programme Title: **BUSCONNECTS DUBLIN**  
**CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME**  
ESB ASSET ALTERATIONS

Drawing File Name: BCIDB-JAC-UTL\_UE-0013\_XX\_00-DR-CU-0040  
Sheet Number: 40 of 54  
Status: A  
Rev: M01

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**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
	SITE BOUNDARY LINE		TEMPORARY LAND ACQUISITION
	EXISTING NETWORK TO BE DECOMMISSIONED		

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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 | Drawn: LH | Checked: DM | Approved: RS

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

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name: BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0041	Sheet Number: 41 of 54	Status: A	Rev: M01

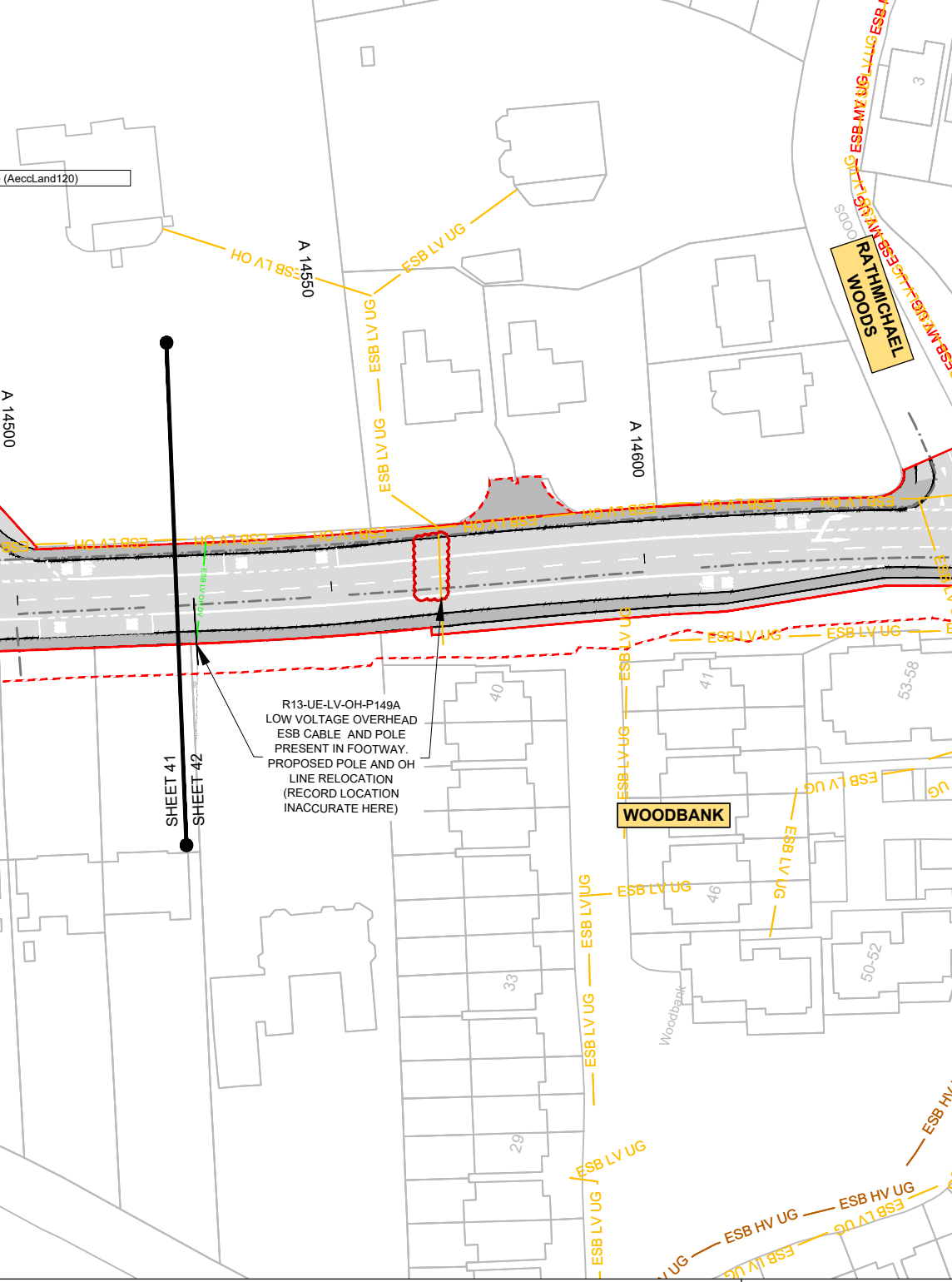
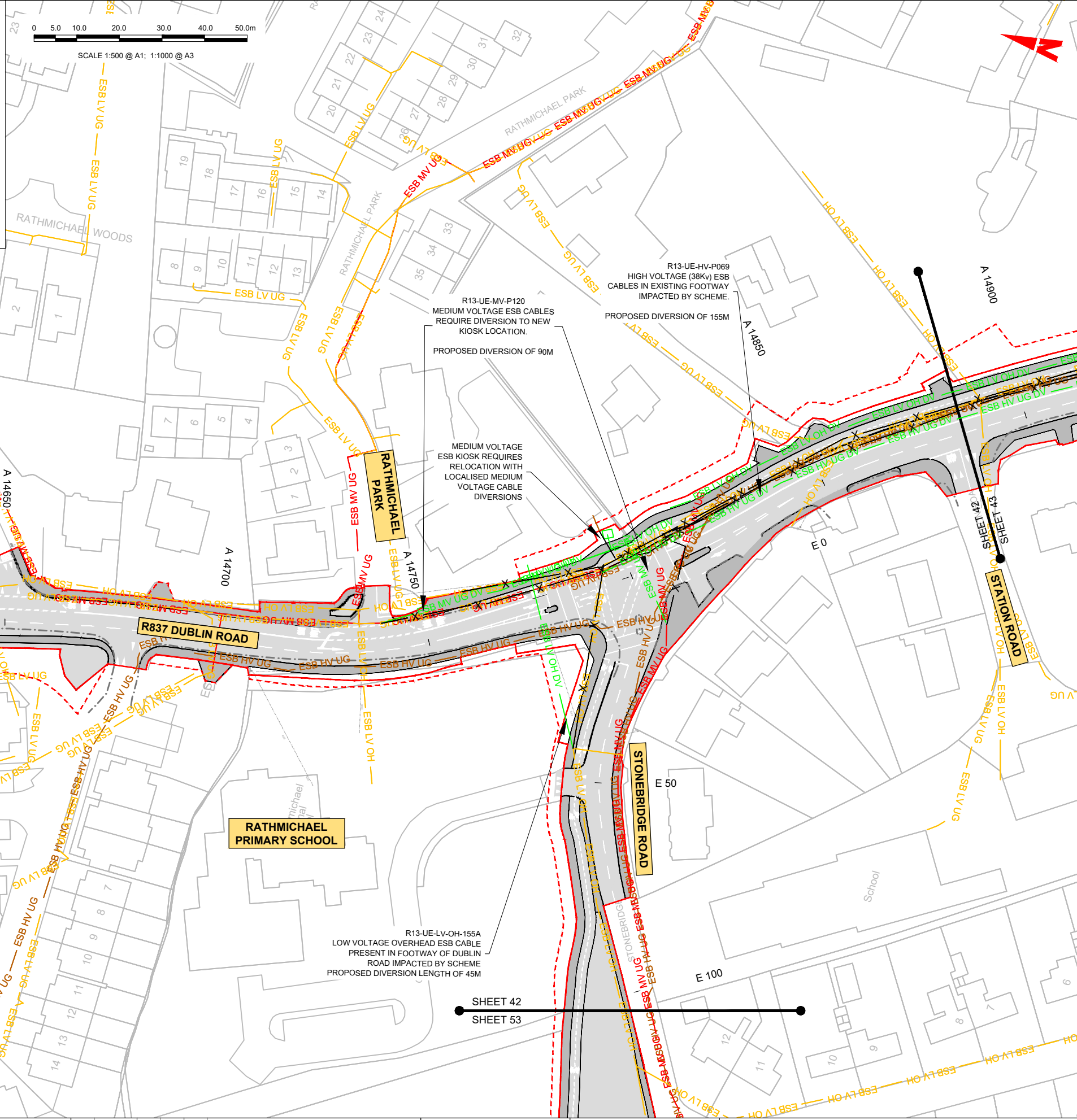
DO NOT SCALE USE FIGURED DIMENSIONS ONLY

**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD 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	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

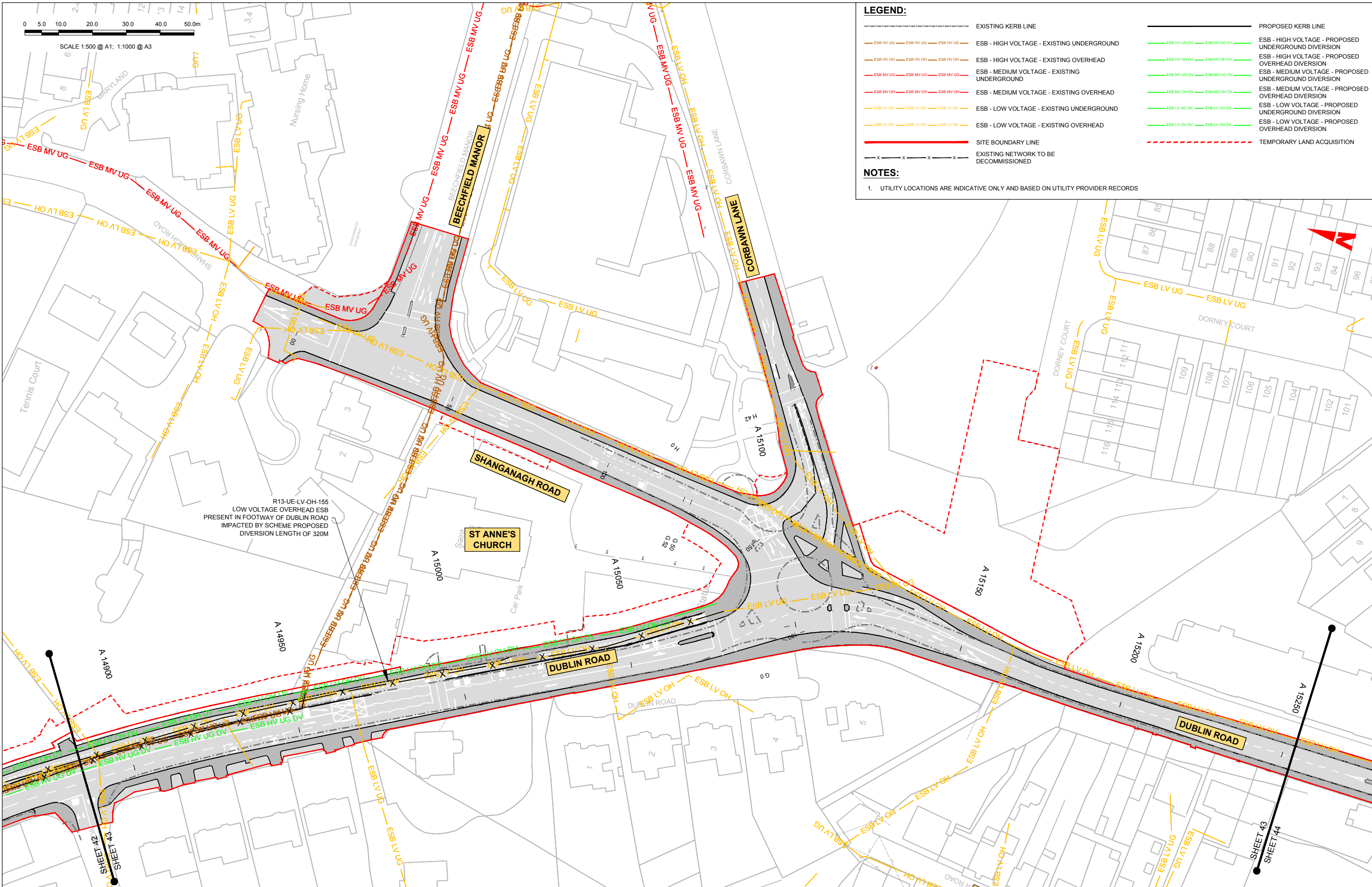
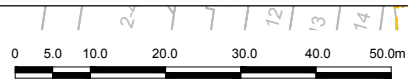
Drawn: LH  
 Checked: DM  
 Approved: RS

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

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME**  
**ESB ASSET ALTERATIONS**

Drawing File Name: BCIDB-JAC-UTL\_UE-0013\_XX\_00-DR-CU-0042  
 Sheet Number: 42 of 54  
 Status: A  
 Rev: M01

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**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
	SITE BOUNDARY LINE		TEMPORARY LAND ACQUISITION
	EXISTING NETWORK TO BE DECOMMISSIONED		

**NOTES:**

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R13-UE-LV-OH-155  
LOW VOLTAGE OVERHEAD ESB  
PRESENT IN FOOTWAY OF DUBLIN ROAD  
IMPACTED BY SCHEME PROPOSED  
DIVERSION LENGTH OF 320M

C:\pwworking\jacobs\_uk\_highways\_sse\legint\crounkor\00148605BCIDB-JAC-UTL\_UE-0013\_XX\_00-DR-CU-0031.dwg

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Rev	Date	Drn	Chkd	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

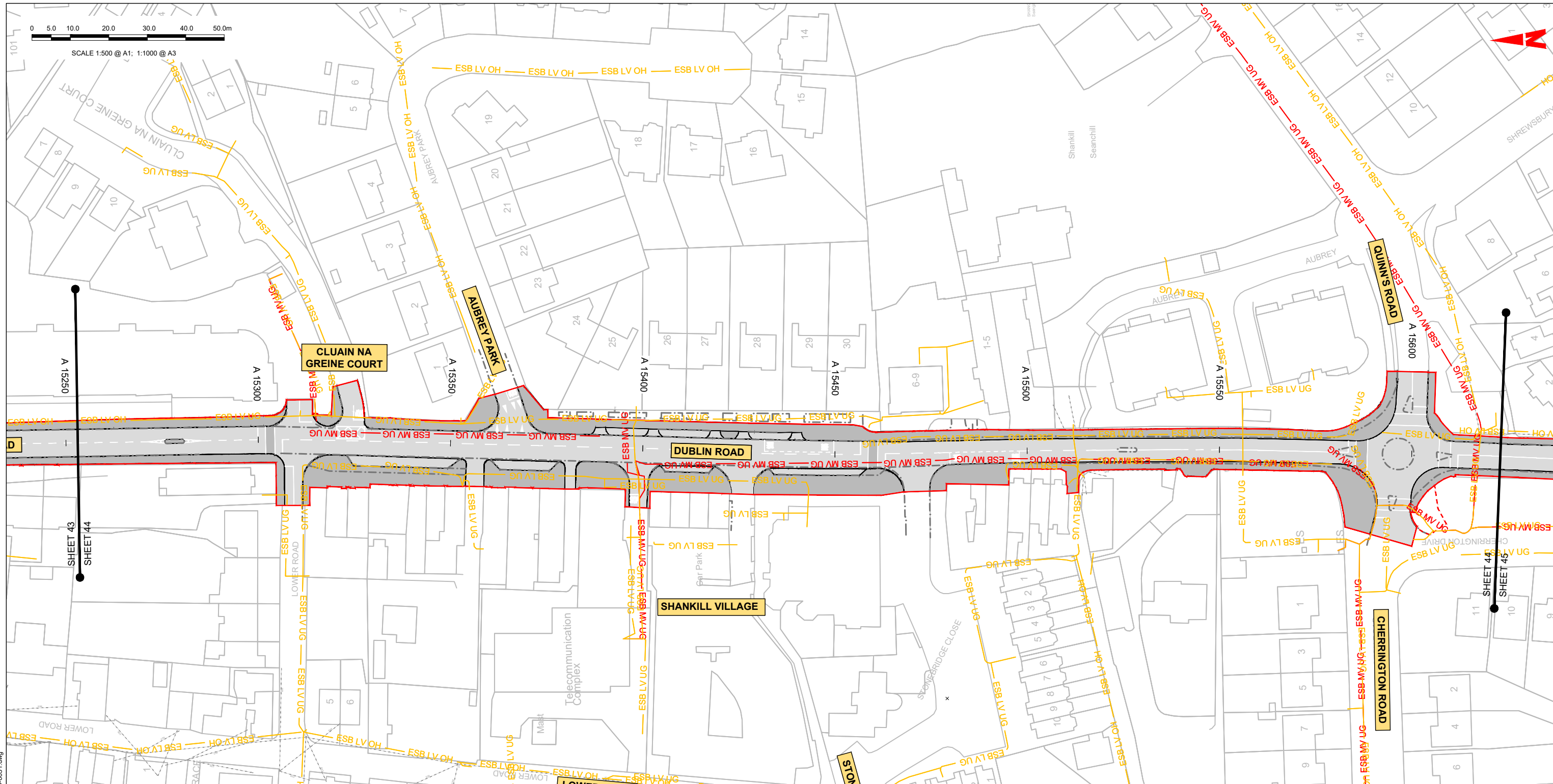
Drawn: LH | Checked: DM | Approved: RS

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name: BCIDB-JAC-UTL_UE -0013_XX_00-DR-CU-0043	Sheet Number: 43 of 54	Status: A	Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



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



**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
	SITE BOUNDARY LINE		TEMPORARY LAND ACQUISITION
	EXISTING NETWORK TO BE DECOMMISSIONED		

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C:\pwworking\jacobs\_uk\_highways\_ss4\legint\boyar2\014860516CIBD-JAC-UTL\_UE-0013\_XX\_00-DR-CU-0031.dwg

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

Engineering Designer: **Jacobs**

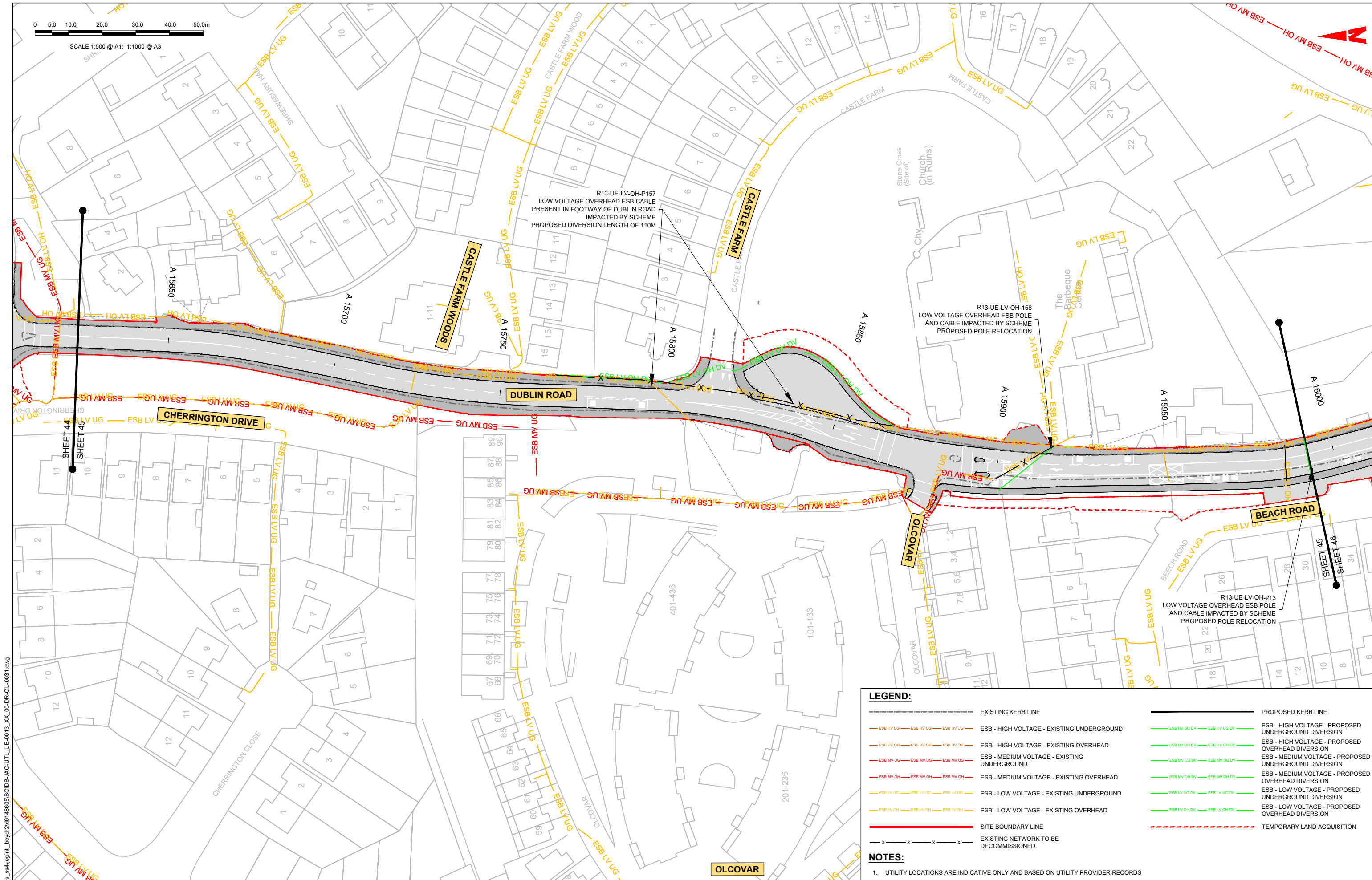
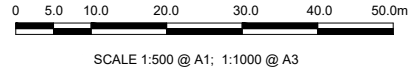
Date: 08/05/2023  
Scale: 1:500 @ A1  
1:1000 @ A3

Project Code: BCIDB  
Originator Code: JAC

Drawn: LH  
Checked: DM  
Approved: RS

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name: BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0044	Sheet Number: 44 of 54	Status: A	Rev: M01

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**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD 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	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

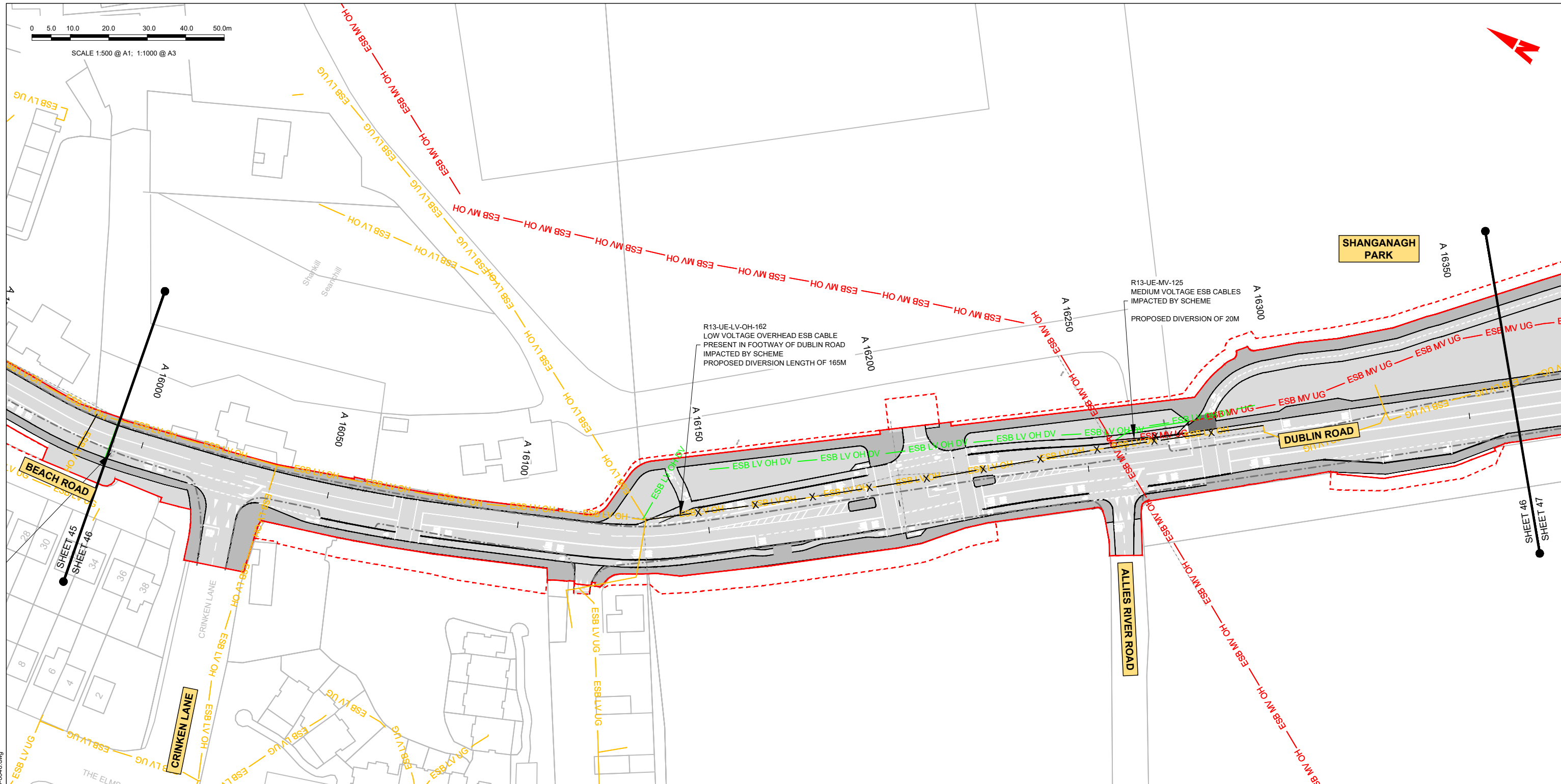
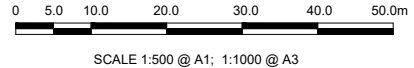
Date: 08/05/2023 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: LH | Checked: DM | Approved: RS

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

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name: BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0045	Sheet Number: 45 of 54	Status: A	Rev: M01

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**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
	SITE BOUNDARY LINE		TEMPORARY LAND ACQUISITION
	EXISTING NETWORK TO BE DECOMMISSIONED		

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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 | Drawn: LH | Checked: DM | Approved: RS

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

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name: BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0046	Sheet Number: 46 of 54	Status: A	Rev: M01

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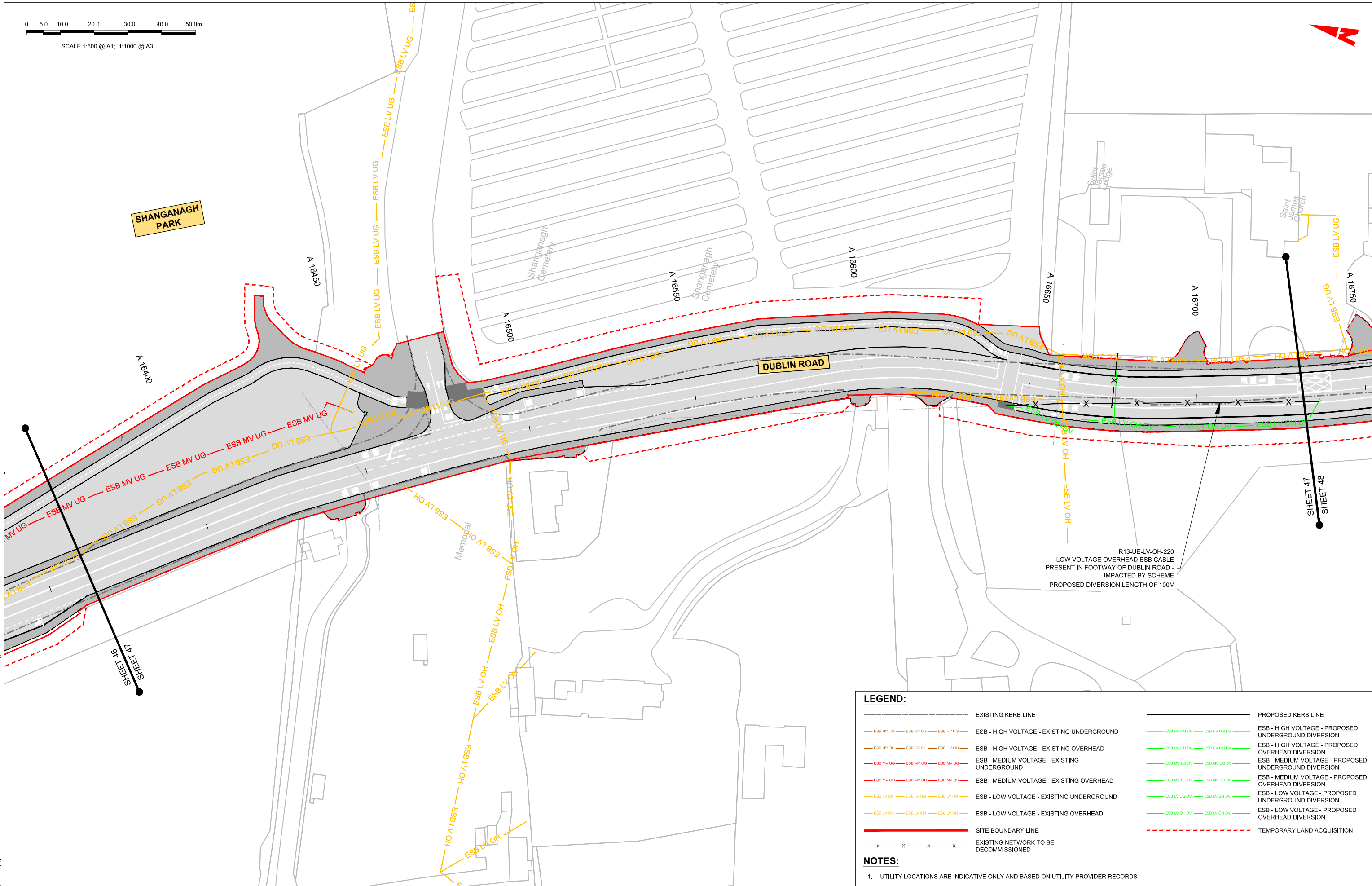
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SCALE 1:500 @ A1; 1:1000 @ A3



**SHANGANAGH PARK**



R13-UE-LV-OH-220  
LOW VOLTAGE OVERHEAD ESB CABLE  
PRESENT IN FOOTWAY OF DUBLIN ROAD -  
IMPACTED BY SCHEME  
PROPOSED DIVERSION LENGTH OF 100M

**LEGEND:**

-----	EXISTING KERB LINE	-----	PROPOSED KERB LINE
— ESB HV UG — ESB HV UG — ESB HV UG —	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND	— ESB HV UG DV — ESB HV UG DV —	ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
— ESB HV OH — ESB HV OH — ESB HV OH —	ESB - HIGH VOLTAGE - EXISTING OVERHEAD	— ESB HV OH DV — ESB HV OH DV —	ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
— ESB MV UG — ESB MV UG — ESB MV UG —	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND	— ESB MV UG DV — ESB MV UG DV —	ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
— ESB MV OH — ESB MV OH — ESB MV OH —	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD	— ESB MV OH DV — ESB MV OH DV —	ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
— ESB LV UG — ESB LV UG — ESB LV UG —	ESB - LOW VOLTAGE - EXISTING UNDERGROUND	— ESB LV UG DV — ESB LV UG DV —	ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
— ESB LV OH — ESB LV OH — ESB LV OH —	ESB - LOW VOLTAGE - EXISTING OVERHEAD	— ESB LV OH DV — ESB LV OH DV —	ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
-----	SITE BOUNDARY LINE	-----	TEMPORARY LAND ACQUISITION
-x-x-x-x-	EXISTING NETWORK TO BE DECOMMISSIONED		

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

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

Programme Title: <b>BUSCONNECTS DUBLIN</b>			
CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name: BCIDB-JAC-UTL_UE -0013_XX_00-DR-CU-0047	Sheet Number: 47 of 54	Status: A	Rev: M01

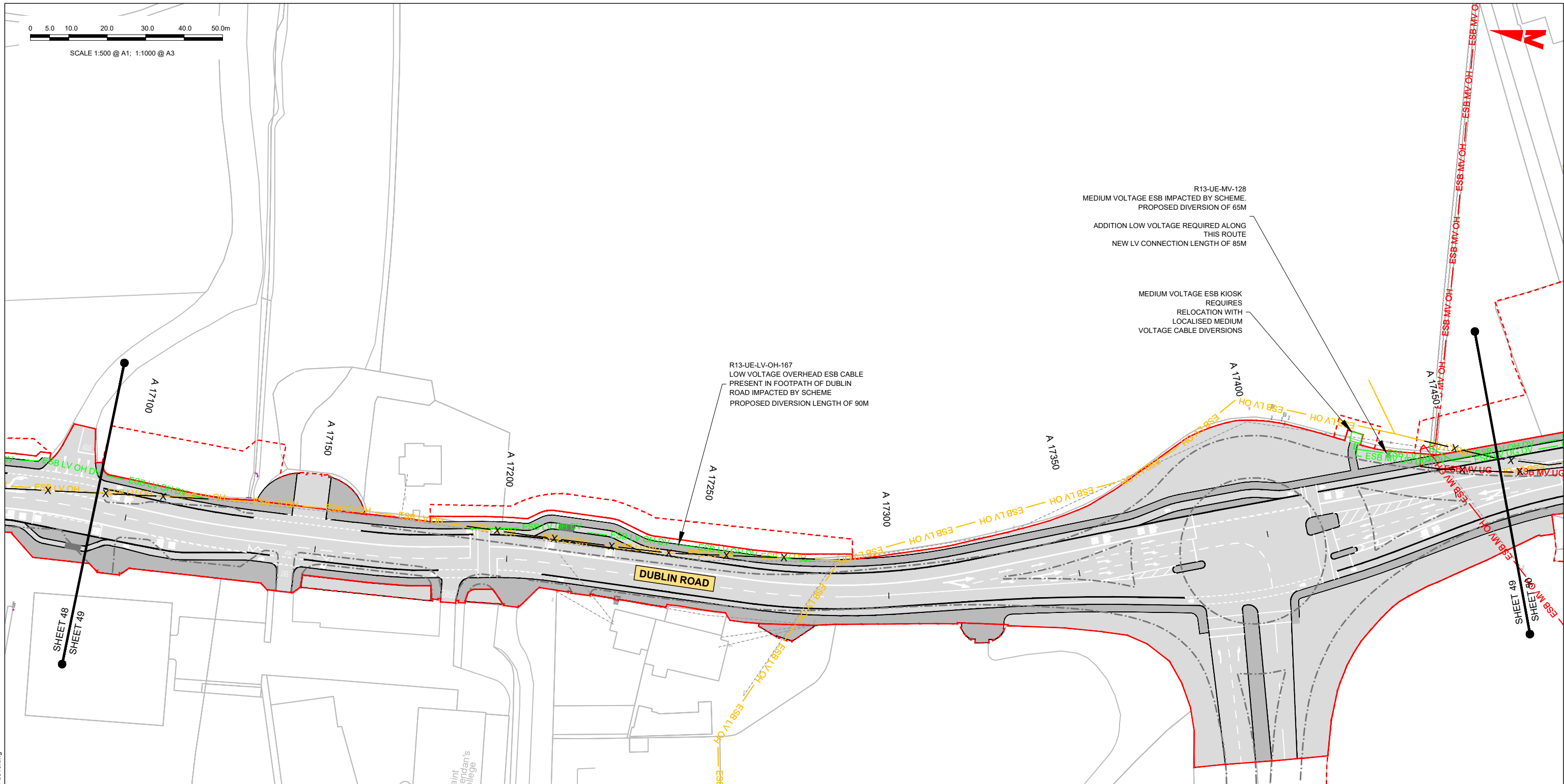
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C:\pwworking\jacobs\_uk\_highways\_ssd\jgimtl\_coffinse\100148605BCIDB-JAC-UTL\_UE-0013\_XX\_00-DR-CU-0046.dwg



0 5.0 10.0 20.0 30.0 40.0 50.0m

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



R13-UE-MV-128  
MEDIUM VOLTAGE ESB IMPACTED BY SCHEME.  
PROPOSED DIVERSION OF 65M

ADDITION LOW VOLTAGE REQUIRED ALONG  
THIS ROUTE  
NEW LV CONNECTION LENGTH OF 85M

MEDIUM VOLTAGE ESB KIOSK  
REQUIRES  
RELOCATION WITH  
LOCALISED MEDIUM  
VOLTAGE CABLE DIVERSIONS

R13-UE-LV-OH-167  
LOW VOLTAGE OVERHEAD ESB CABLE  
PRESENT IN FOOTPATH OF DUBLIN  
ROAD IMPACTED BY SCHEME  
PROPOSED DIVERSION LENGTH OF 90M

**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
	SITE BOUNDARY LINE		TEMPORARY LAND ACQUISITION
	EXISTING NETWORK TO BE DECOMMISSIONED		

**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

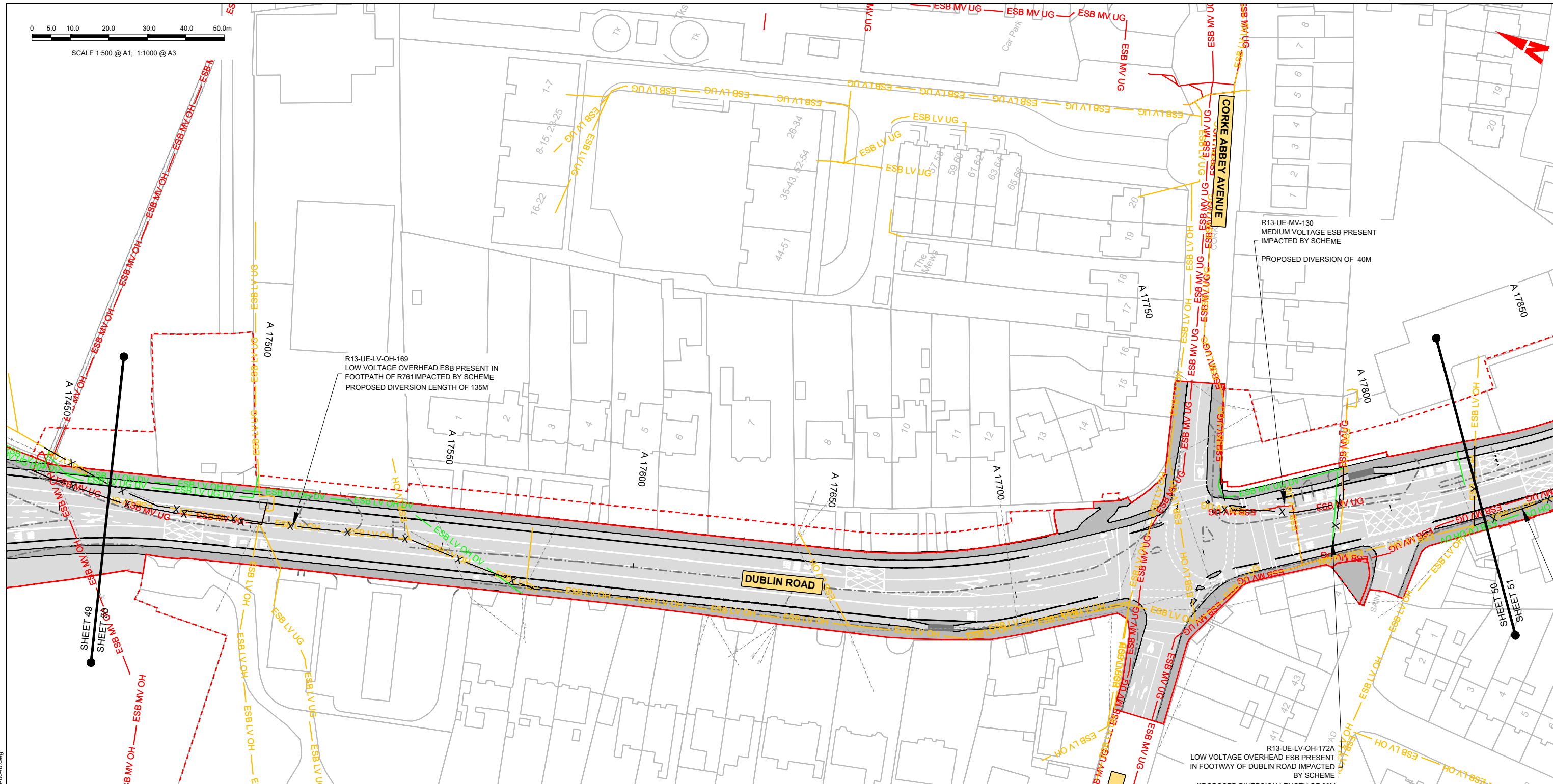
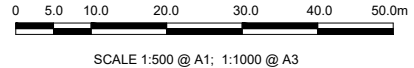
Project Code: BCIDB  
Originator Code: JAC

Drawn: LH  
Checked: DM  
Approved: RS

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0049	Sheet Number 49 of 54	Status A	Rev M01

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**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD 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	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:

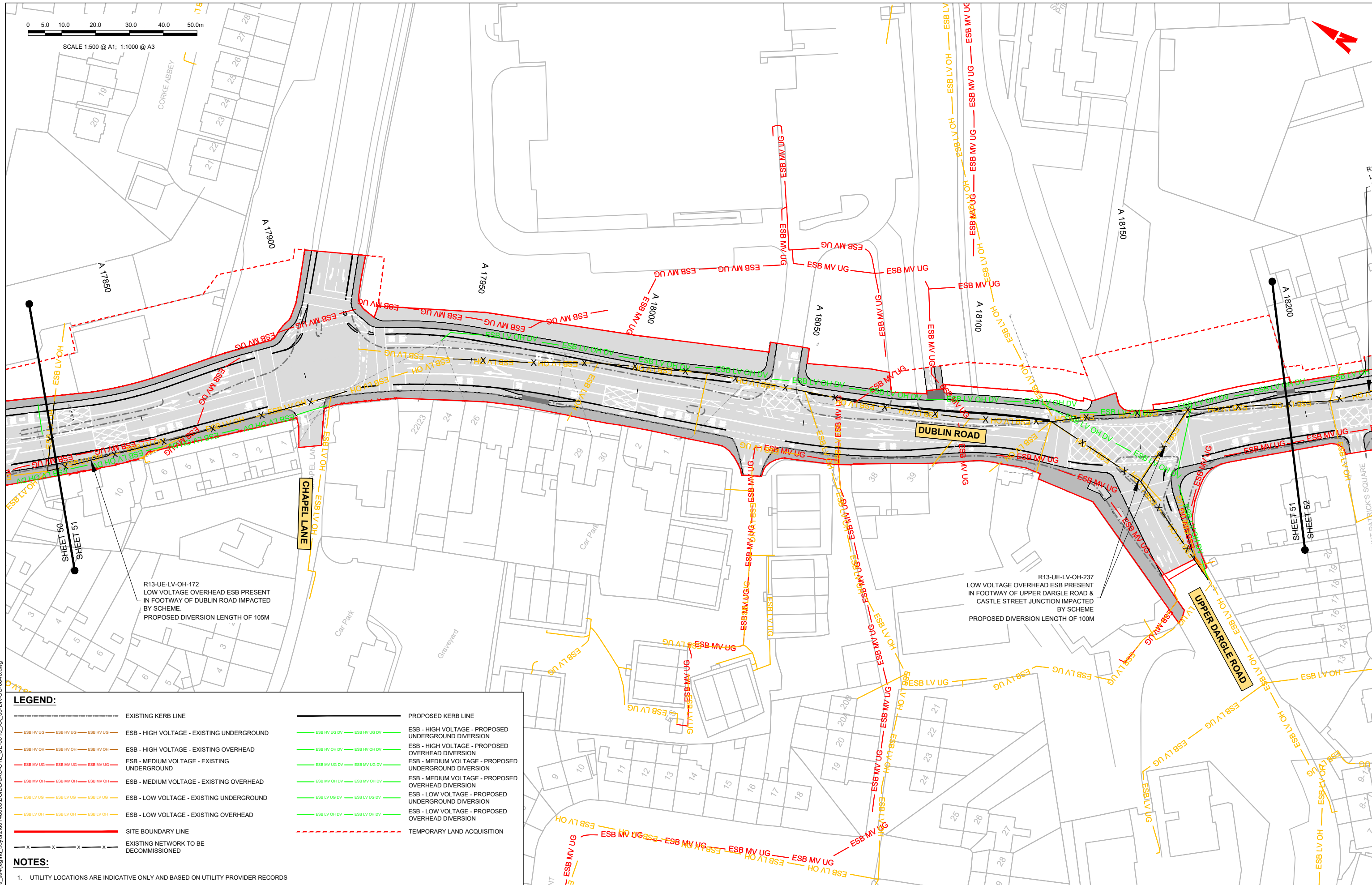
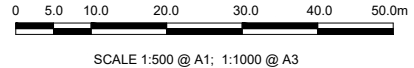
Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS**

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

	EXISTING KERB LINE		PROPOSED KERB LINE
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD 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	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

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

Date: 08/05/2023  
Project Code: BCIDB

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

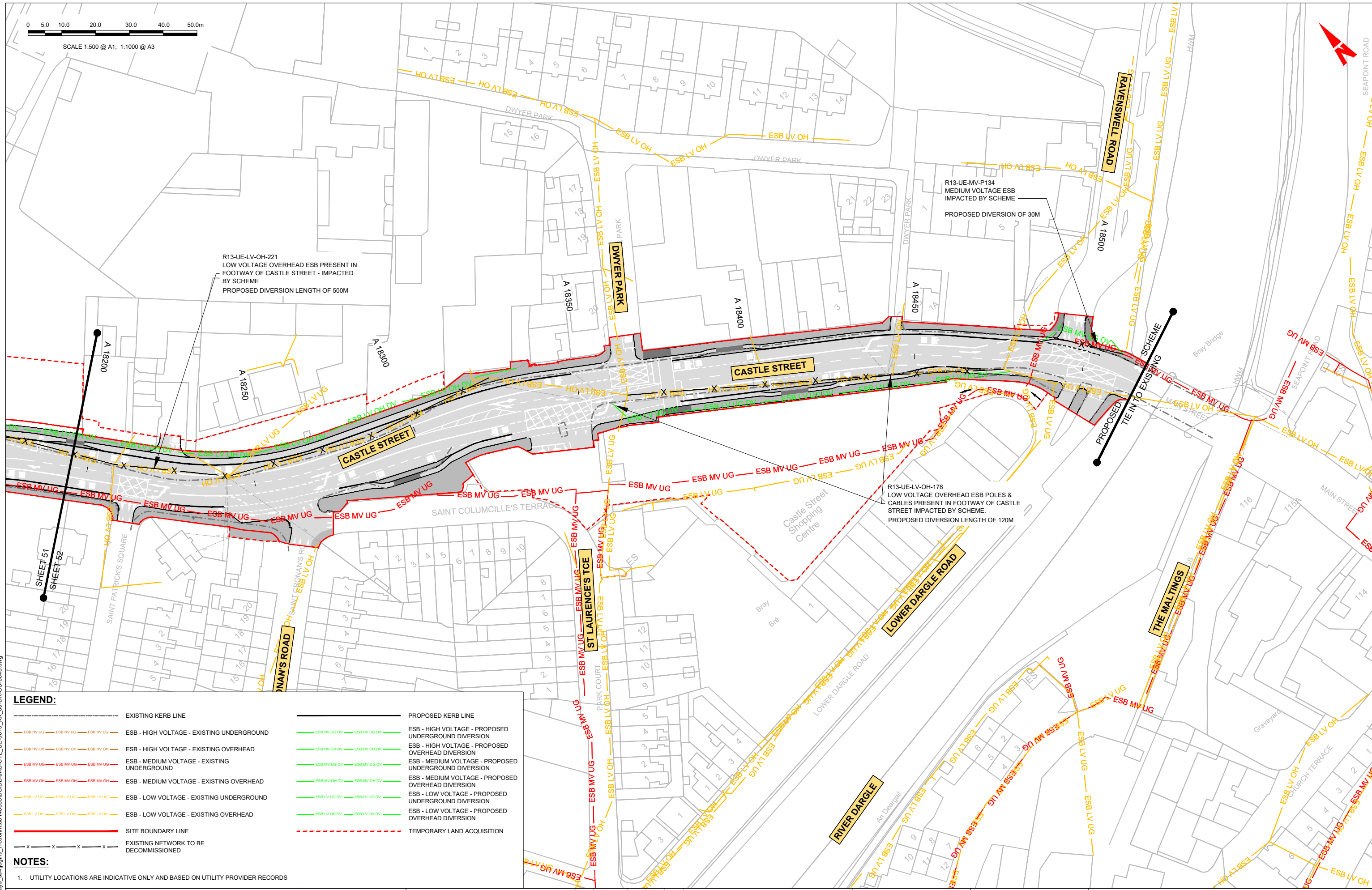
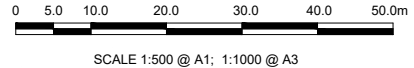
Engineering Designer: **Jacobs**

Drawn: LH  
Checked: DM  
Approved: RS

Programme Title: <b>BUSCONNECTS DUBLIN</b>			
CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name: BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0051	Sheet Number: 51 of 54	Status: A	Rev: M01

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**LEGEND:**

--- EXISTING KERB LINE	--- PROPOSED KERB LINE
--- ESB HV UG --- ESB HV UG --- ESB HV UG --- ESB - HIGH VOLTAGE - EXISTING UNDERGROUND	--- ESB HV UG DV --- ESB HV UG DV --- ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
--- ESB HV OH --- ESB HV OH --- ESB HV OH --- ESB - HIGH VOLTAGE - EXISTING OVERHEAD	--- ESB HV OH DV --- ESB HV OH DV --- ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
--- ESB MV UG --- ESB MV UG --- ESB MV UG --- ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND	--- ESB MV UG DV --- ESB MV UG DV --- ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
--- ESB MV OH --- ESB MV OH --- ESB MV OH --- ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD	--- ESB MV OH DV --- ESB MV OH DV --- ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
--- ESB LV UG --- ESB LV UG --- ESB LV UG --- ESB - LOW VOLTAGE - EXISTING UNDERGROUND	--- ESB LV UG DV --- ESB LV UG DV --- ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
--- ESB LV OH --- ESB LV OH --- ESB LV OH --- ESB - LOW VOLTAGE - EXISTING OVERHEAD	--- ESB LV OH DV --- ESB LV OH DV --- ESB - LOW VOLTAGE - PROPOSED OVERHEAD DIVERSION
--- SITE BOUNDARY LINE	--- TEMPORARY LAND ACQUISITION
--- X --- X --- X --- X --- EXISTING NETWORK TO BE DECOMMISSIONED	

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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

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

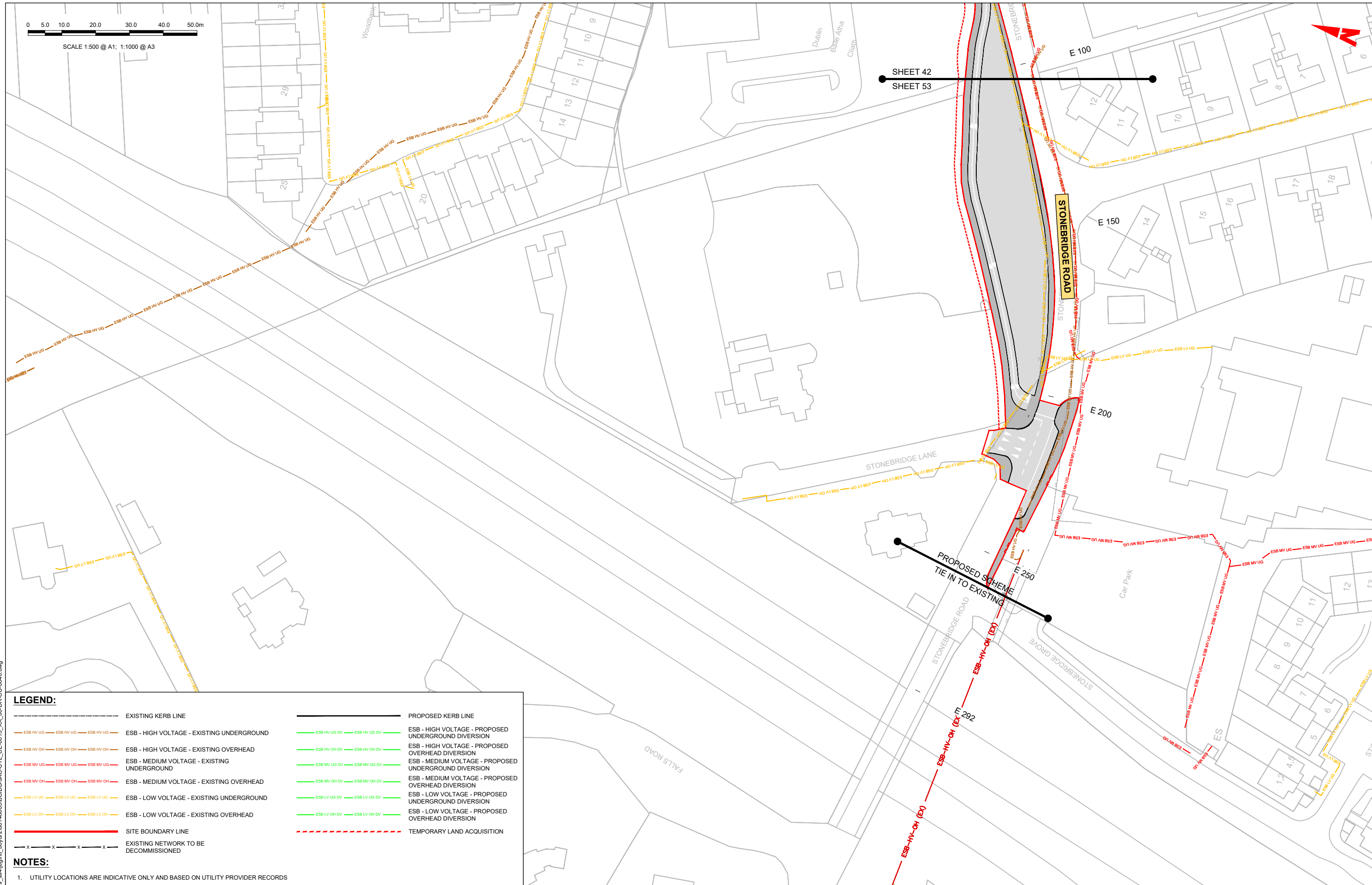
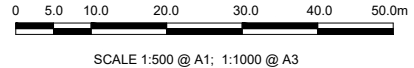
Project Code: BCIDB Originator Code: JAC

Engineering Designer: **Jacobs**

Drawn: LH Checked: DM Approved: RS

Programme Title: <b>BUSCONNECTS DUBLIN</b>			
CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name: BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0052	Sheet Number: 52 of 54	Status: A	Rev: M01

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**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD 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	08/05/2023	LH	DM	RS	ISSUE FOR PHASE 4: PLANNING

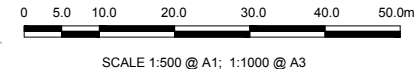
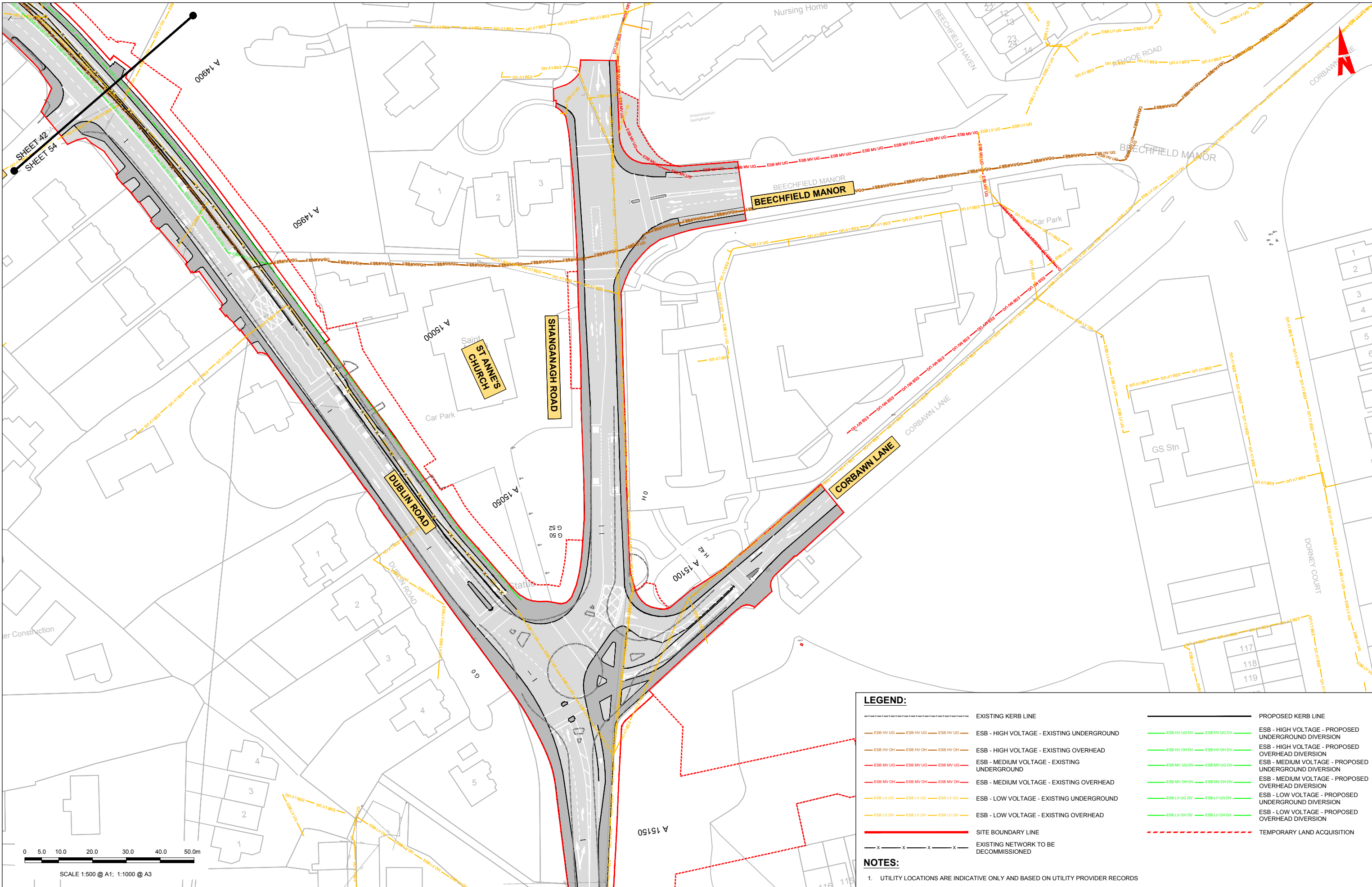
Client <b>NTA</b> Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer <b>Jacobs</b>		
Date 08/05/2023	Scale 1:500 @ A1 1:1000 @ A3	Drawn LH	Checked DM	Approved RS
Project Code BCIDB	Originator Code JAC	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name BCIDB-JAC-UTL_UE-0013_XX_00-DR-CU-0053	Sheet Number 53 of 54	Status A	Rev M01

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**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE
	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - LOW VOLTAGE - EXISTING OVERHEAD		ESB - LOW VOLTAGE - PROPOSED OVERHEAD 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	Chkd	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  
ESB ASSET ALTERATIONS

Drawing File Name: BCIDB-JAC-UTL\_UE-0013\_XX\_00-DR-CU-0054  
Sheet Number: 54 of 54  
Status: A  
Rev: M01

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