



**Appendix B13**  
ESB Asset Alterations



# BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS

## LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME

ESB ASSET ALTERATIONS	
DRAWING SERIES NUMBER(S)	DRAWING SERIES DESCRIPTION
BCIDA-ACM-UTL_IX-0006_XX_00-DR-CU-0003	LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. ESB ASSET ALTERATIONS. COVER SHEET
BCIDA-ACM-UTL_KP-0006_XX_00-DR-CU-0003	LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. ESB ASSET ALTERATIONS. KEY PLAN
BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0001 to 0031	LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. ESB ASSET ALTERATIONS

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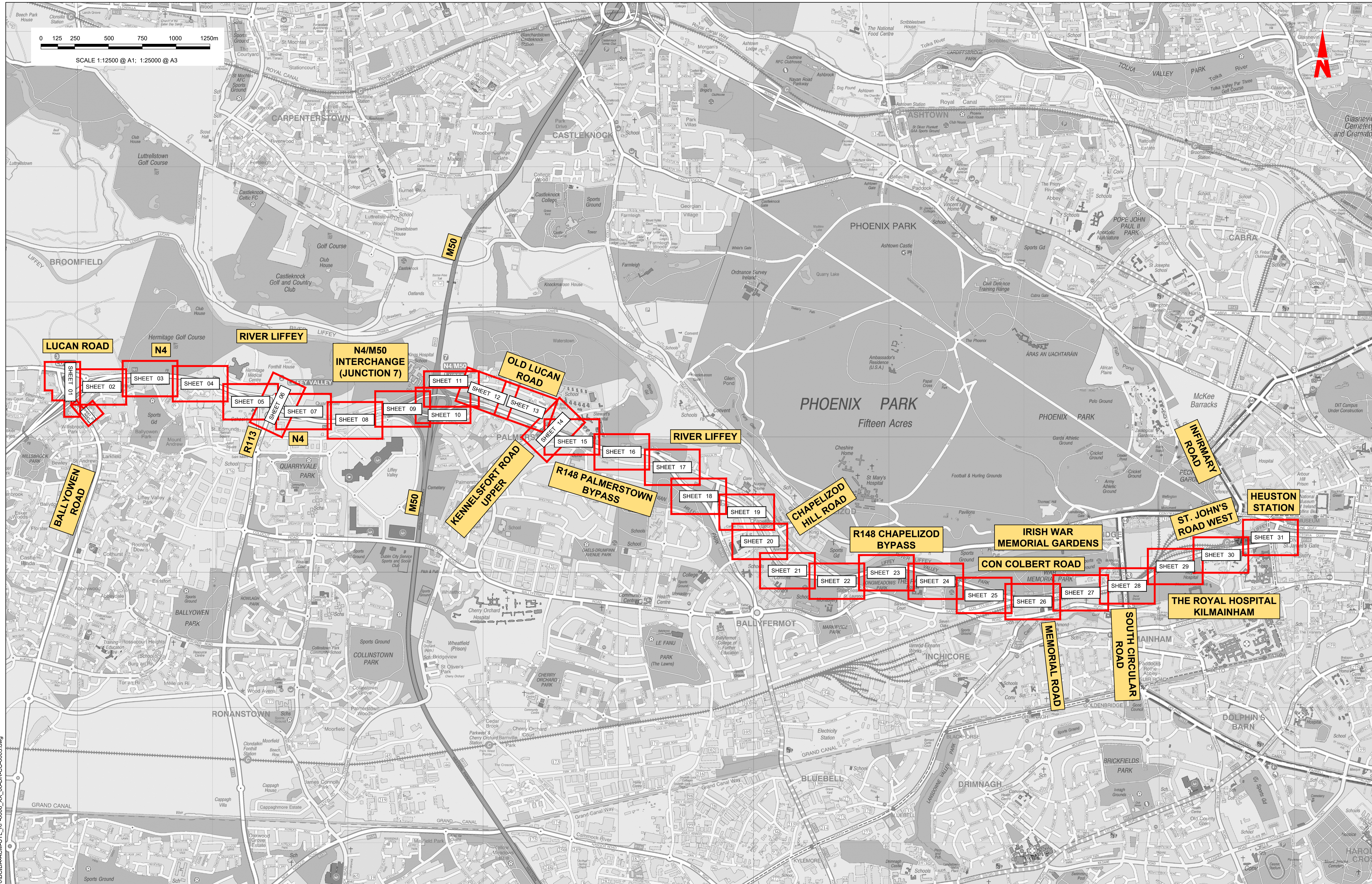
Rev	Date	Drn	Chk'd	App'd	Description
M01	29/09/22	TN	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client <b>NTA</b> Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer <b>AECOM</b> <b>M</b> <b>MOTT</b> <b>M</b> <b>MACDONALD</b>	
Date 29/09/22	Scale N/A N/A	@ A1 @ A3	Drawn T.NEMYNUSHCH
Project Code BCIDA	Originator Code ACM	QMS Code	Checked M.T.DALE
			Approved C.ACTON

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS COVER SHEET			
Drawing File Name BCIDA-ACM-UTL_IX-0006_XX_00-DR-CU-0003	Sheet Number 01 of 01	Status A	Rev M01

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0 125 250 500 750 1000 1250m  
 SCALE 1:12500 @ A1; 1:25000 @ A3



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

Engineering Designer  
**AECOM** **MOTT MACDONALD**

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

Drawing Title  
**LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME  
 ESB ASSET ALTERATIONS  
 KEY PLAN**

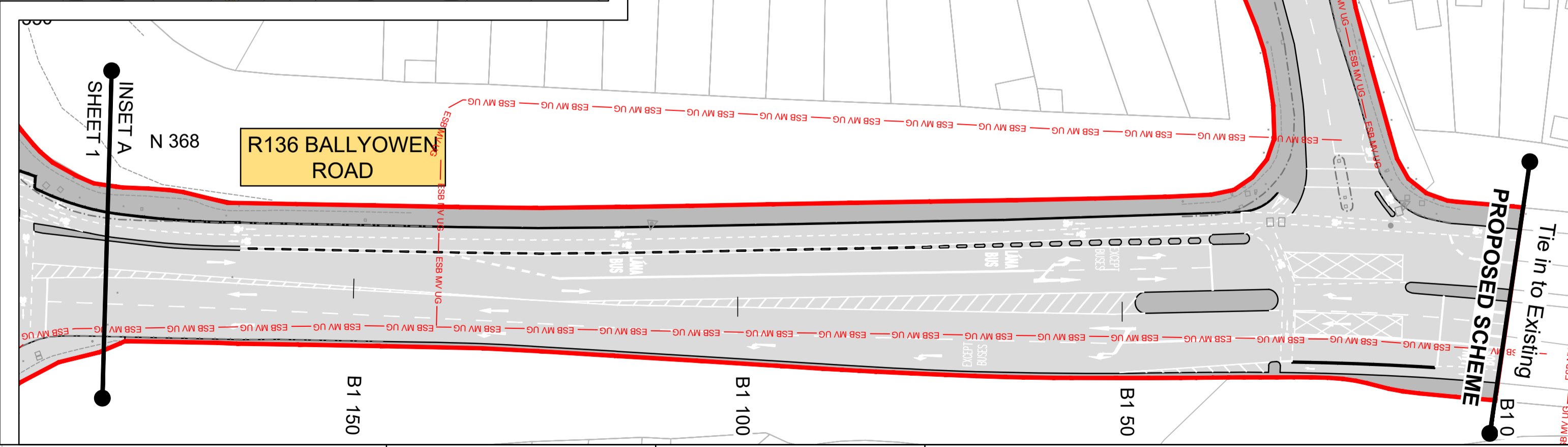
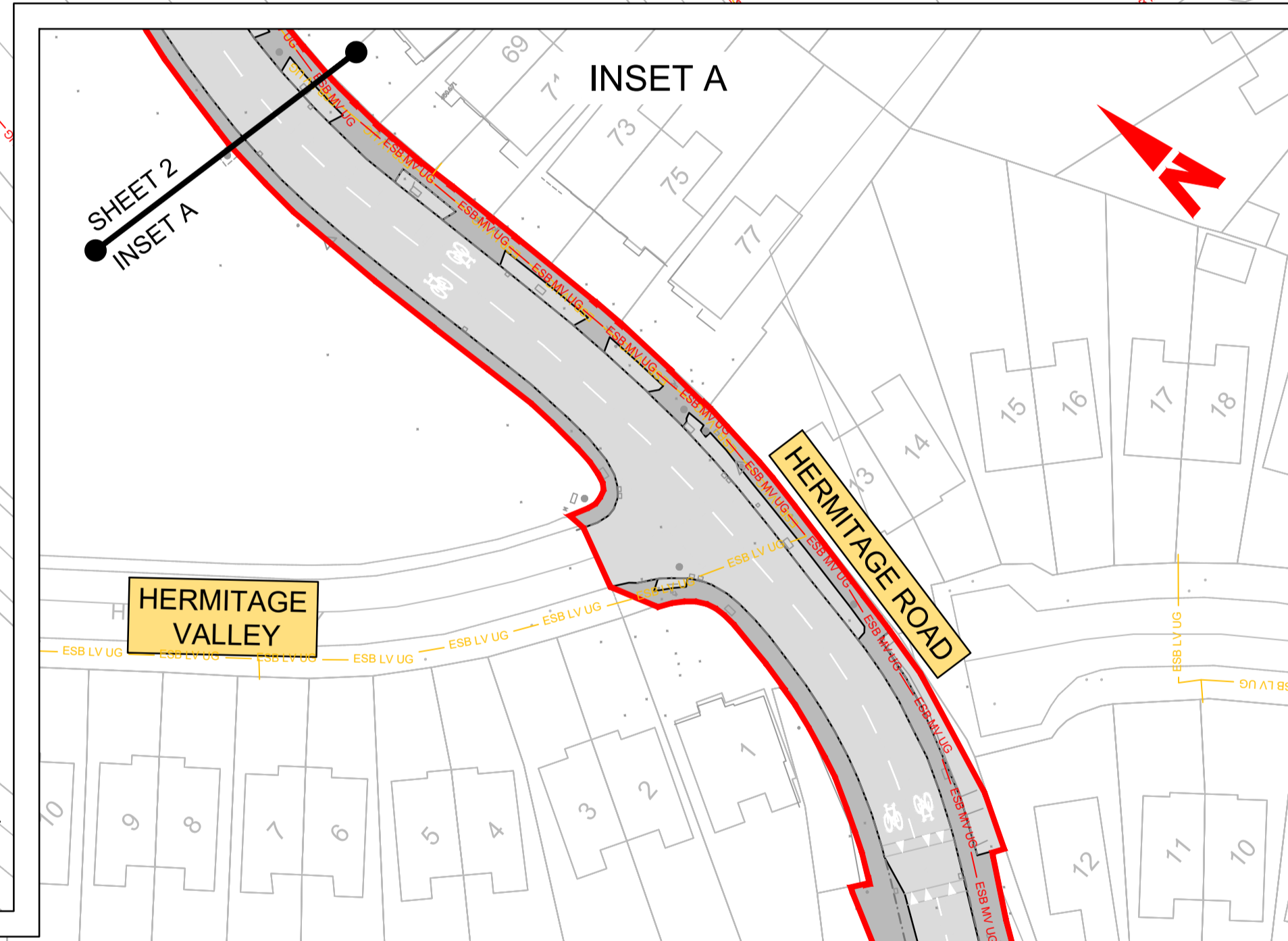
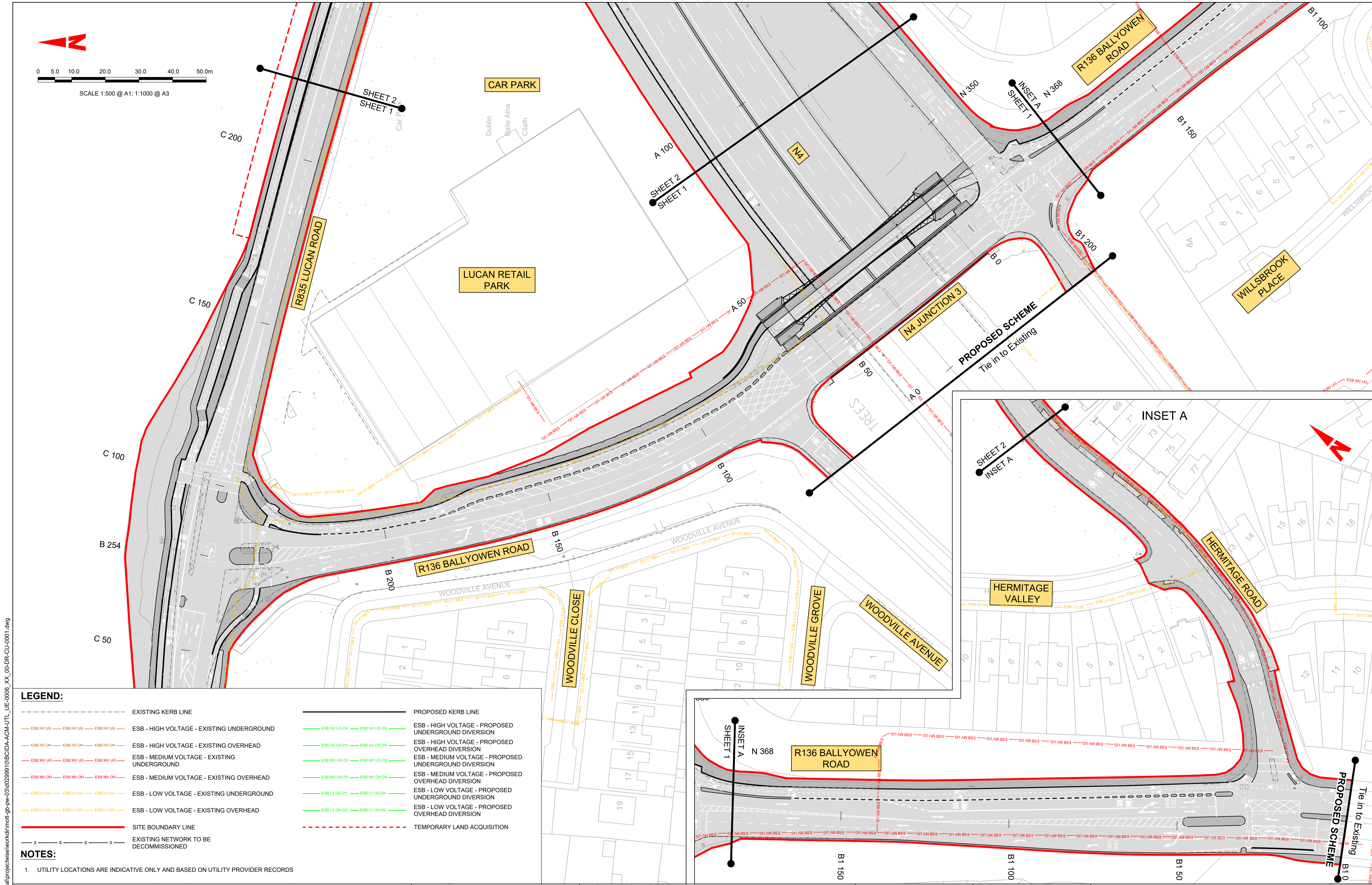
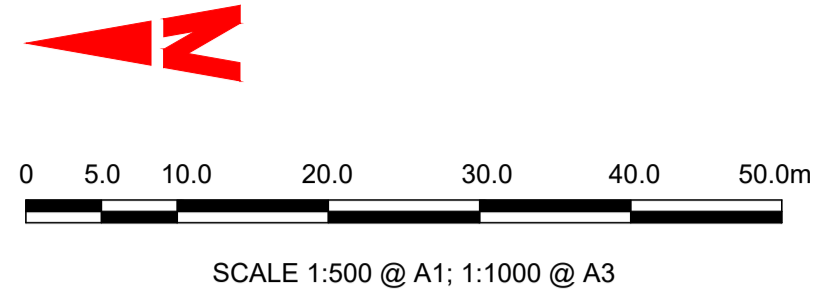
Drawing File Name  
 BCIDA-ACM-UTL\_KP-0006\_XX\_00-DR-CU-0003

Sheet Number  
 01 of 01

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

Engineering Designer: **AECOM** **MOTT MACDONALD**

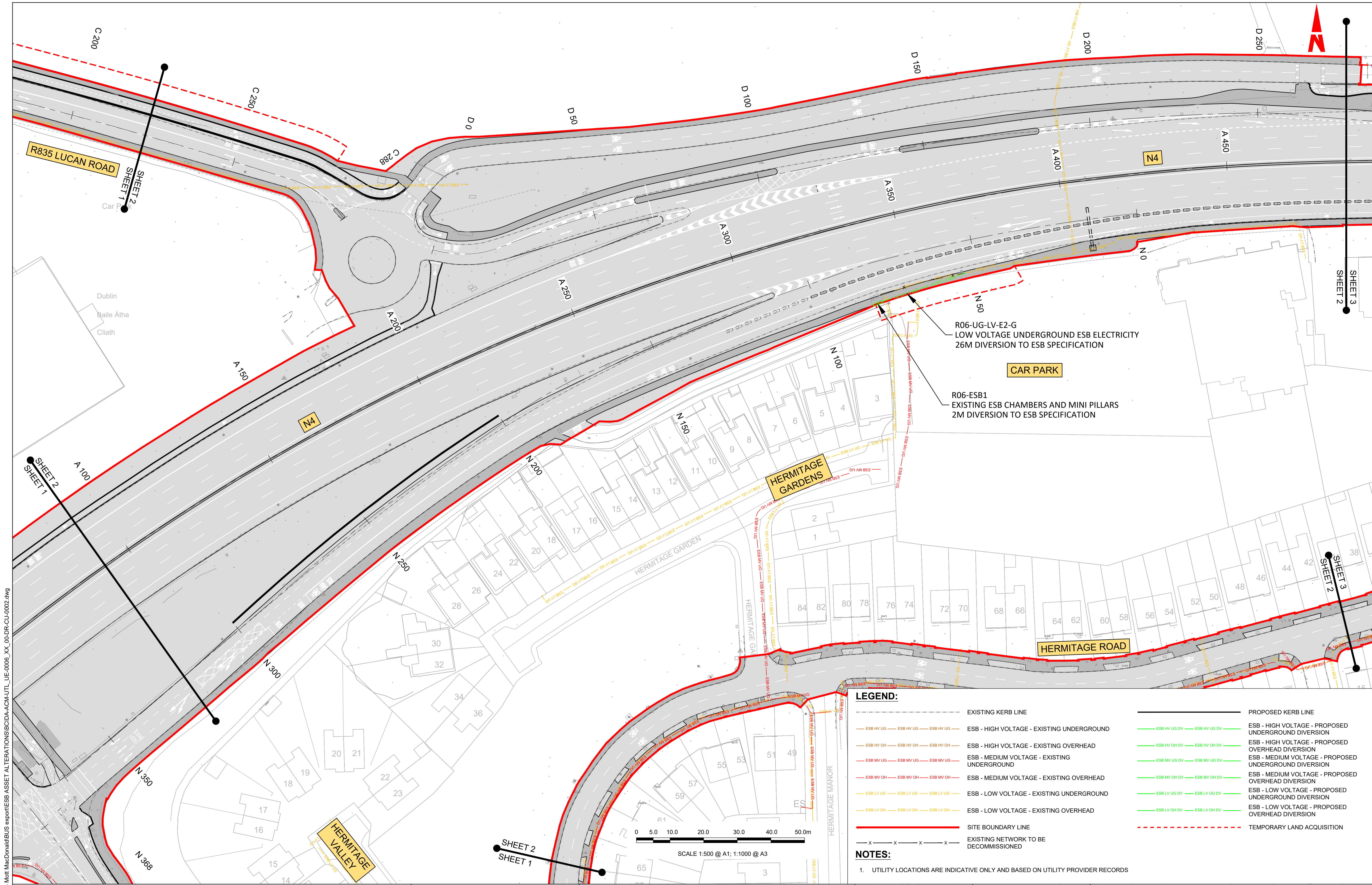
Date: 29/09/22 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: T.NEMYNUSHCHAK | Checked: M.T.DALE | Approved: C.ACTON

Project Code: BCIDA | Originator Code: ACM | QMS Code:

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name: BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0001	Sheet Number: 01 of 31	Status: A	Rev: M01

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R06-UG-LV-E2-G  
LOW VOLTAGE UNDERGROUND ESB ELECTRICITY  
26M DIVERSION TO ESB SPECIFICATION

CAR PARK

R06-ESB1  
EXISTING ESB CHAMBERS AND MINI PILLARS  
2M DIVERSION TO ESB SPECIFICATION

**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

**NOTES:**

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Client  
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**AECOM** **MOTT MACDONALD**

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 ESB ASSET ALTERATIONS**

Date: 29/09/22 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: T.NEMYNUSHCHAK | Checked: M.T.DALE | Approved: C.ACTON

Project Code: BCIDA | Originator Code: ACM | QMS Code: | Drawing File Name: BCIDA-ACM-UTL\_UE-0006\_XX\_00-DR-CU-0002 | Sheet Number: 02 of 31 | Status: A | Rev: M01

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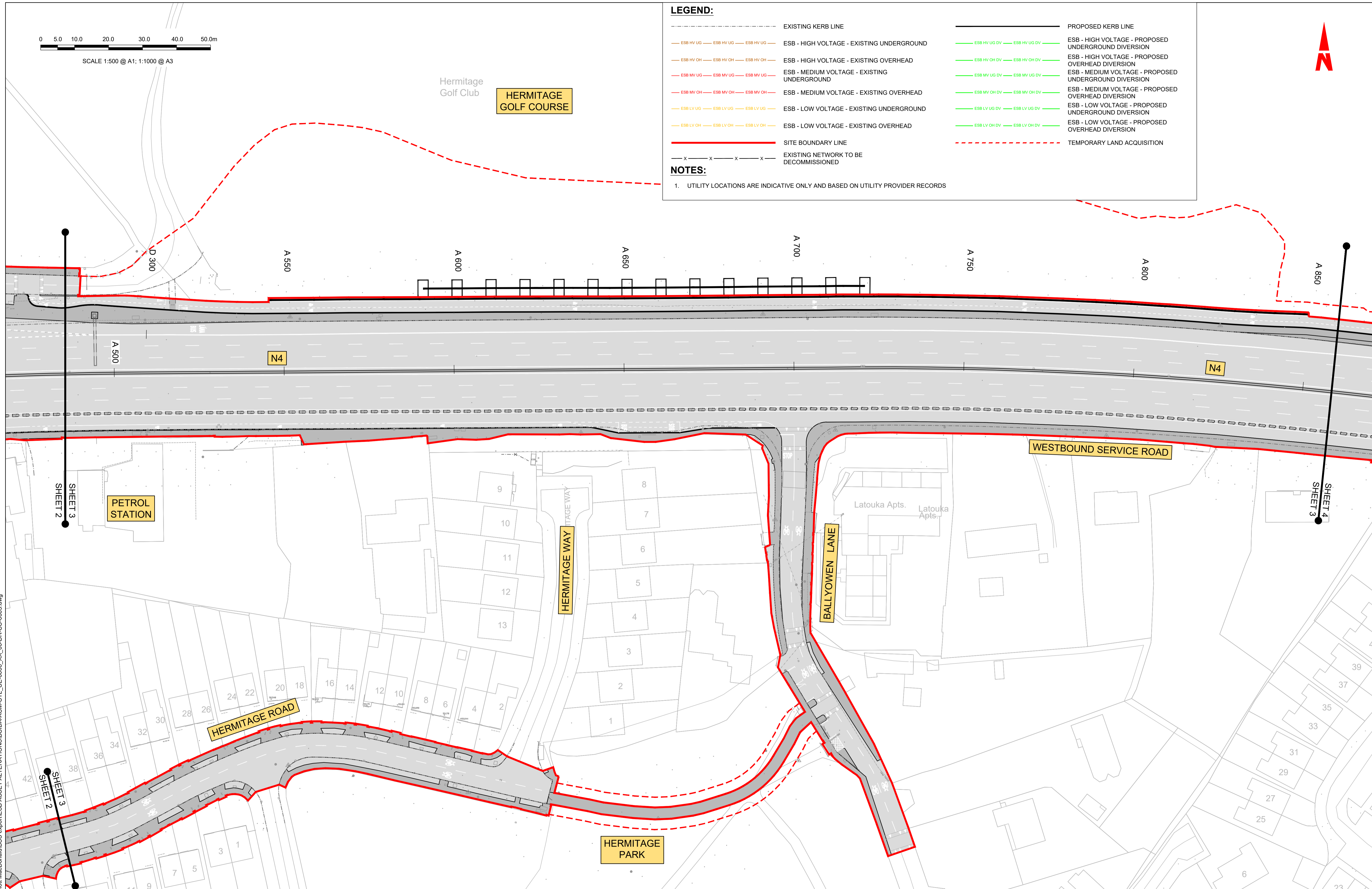
SCALE 1:500 @ A1; 1:1000 @ A3

**LEGEND:**

- EXISTING 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
- X --- X --- X --- X --- EXISTING NETWORK TO BE DECOMMISSIONED
- PROPOSED KERB LINE
- 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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Client  
**NTA**  
 Údarás Náisiúnta Iompair  
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Engineering Designer  
**AECOM** **MOTT MACDONALD**

Programme Title  
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 CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

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

Drawing File Name  
 BCIDA-ACM-UTL\_UE-0006\_XX\_00-DR-CU-0003

Sheet Number  
 03 of 31

Status  
 A

Rev  
 M01

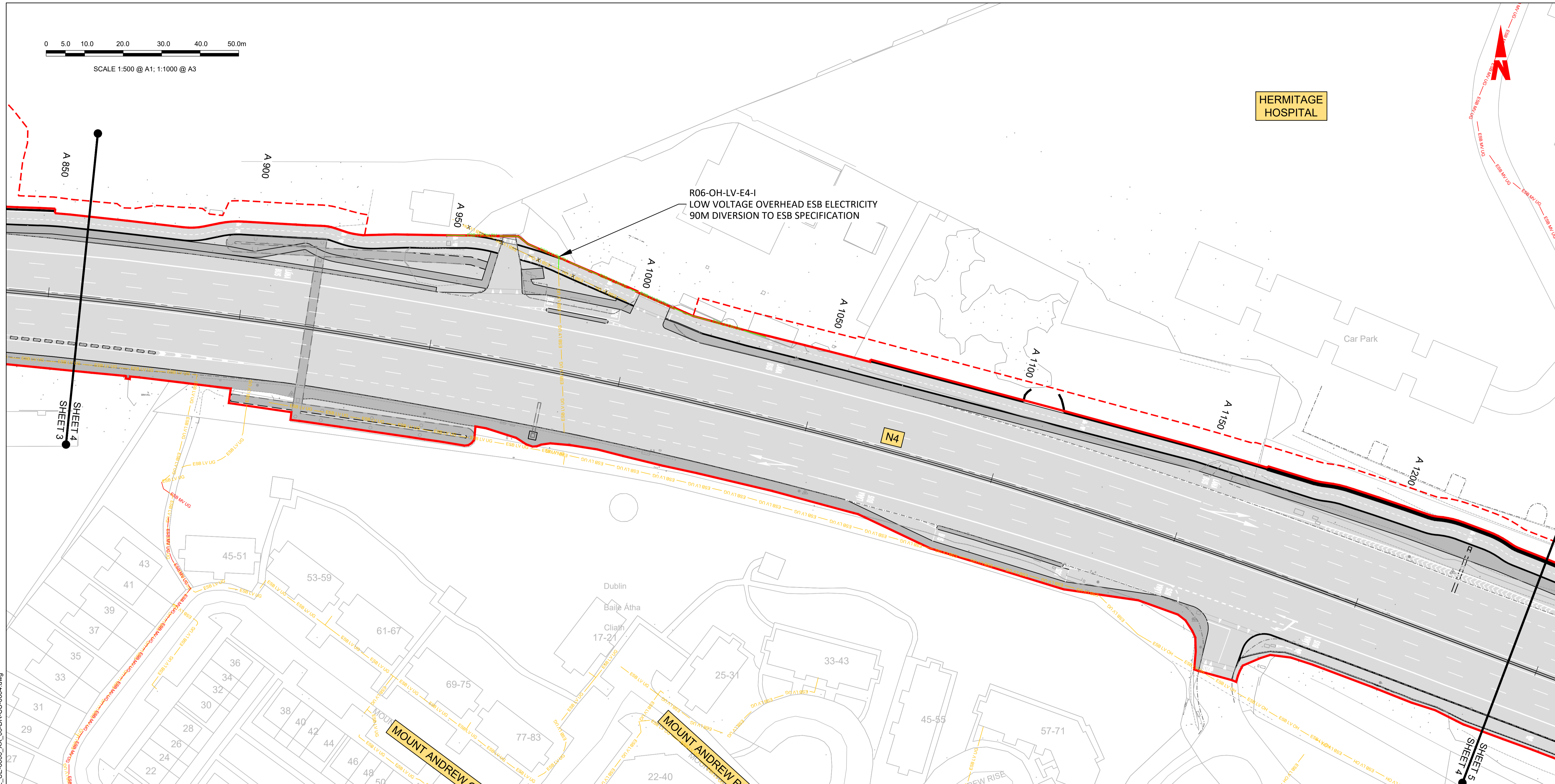
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SCALE 1:500 @ A1; 1:1000 @ A3

HERMITAGE HOSPITAL

R06-OH-LV-E4-I  
LOW VOLTAGE OVERHEAD ESB ELECTRICITY  
90M DIVERSION TO ESB SPECIFICATION



**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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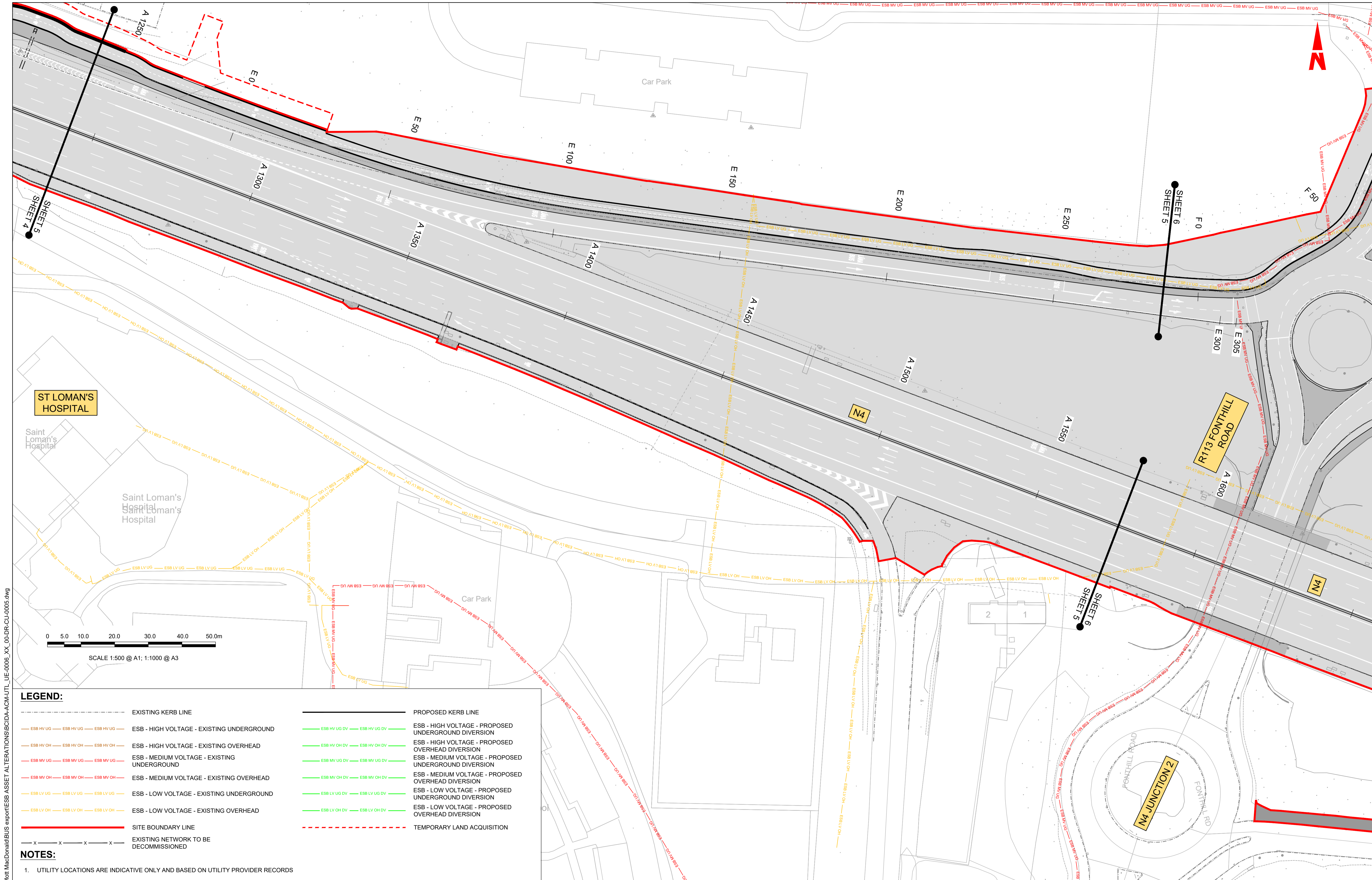
Client: **NTA**  
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National Transport Authority

Engineering Designer: **AECOM** **MOTT MACDONALD**

Date: 29/09/22 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: T.NEMYUSHCHAK | Checked: M.T.DALE | Approved: C.ACTON

Project Code: BCIDA | Originator Code: ACM | QMS Code:

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name: BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0004	Sheet Number: 04 of 31	Status: A	Rev: M01



**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	29/09/22	TN	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client

Engineering Designer

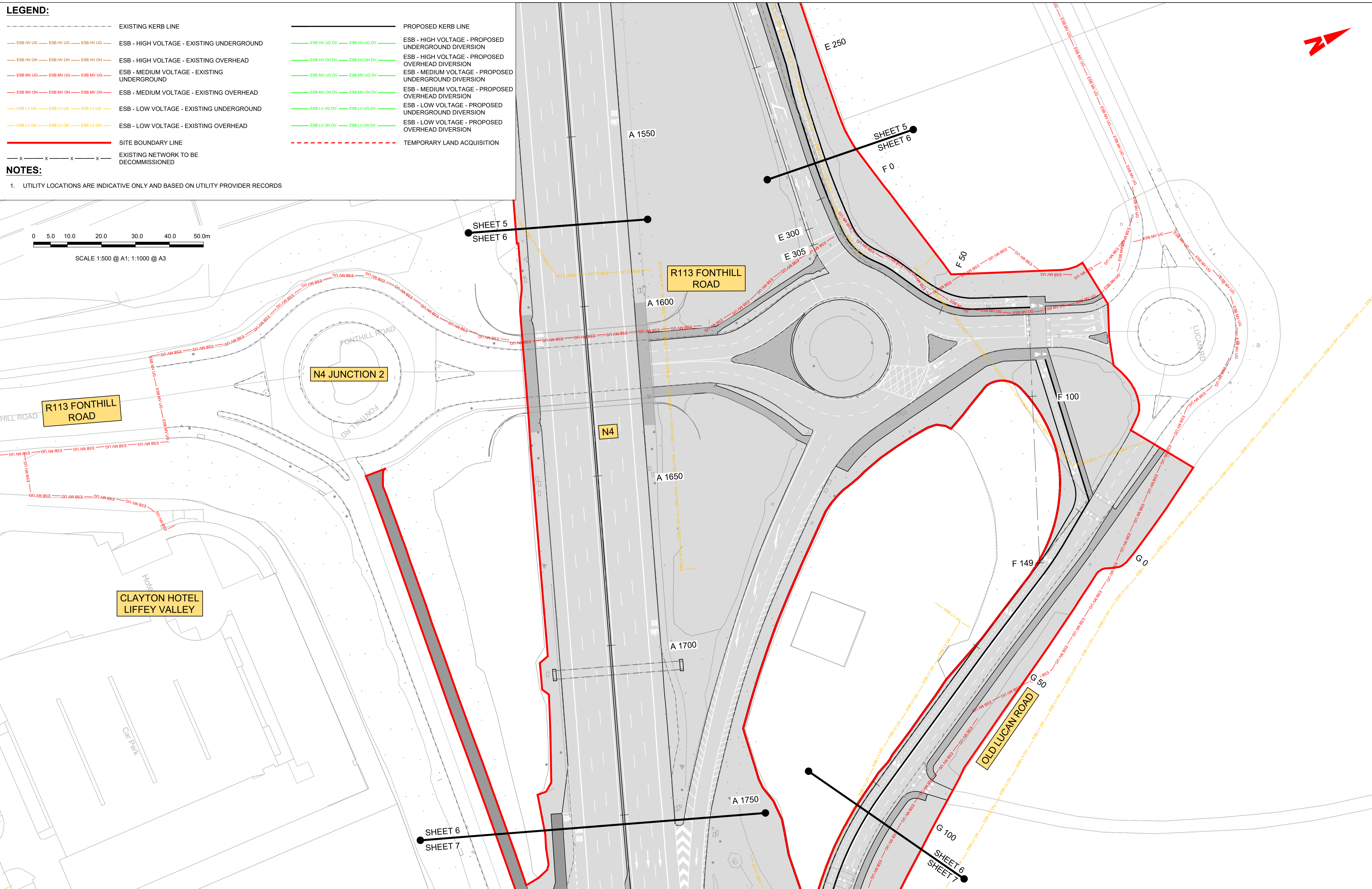
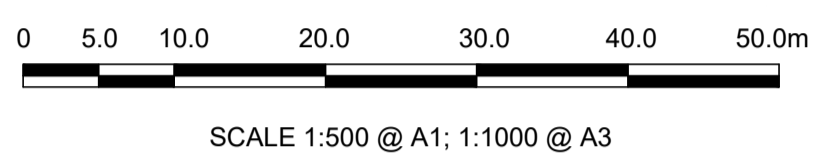
Programme Title		<b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>		
Drawing Title		LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS		
Drawing File Name	Sheet Number	Status	Rev	
BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0005	05 of 31	A	M01	

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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M01	29/09/22	TN	AD	CA	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **AECOM** **MOTT MACDONALD**

Date: 29/09/22  
 Scale: 1:500 @ A1, 1:1000 @ A3

Project Code: BCIDA  
 Originator Code: ACM

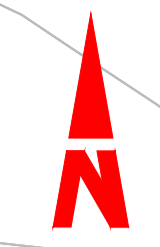
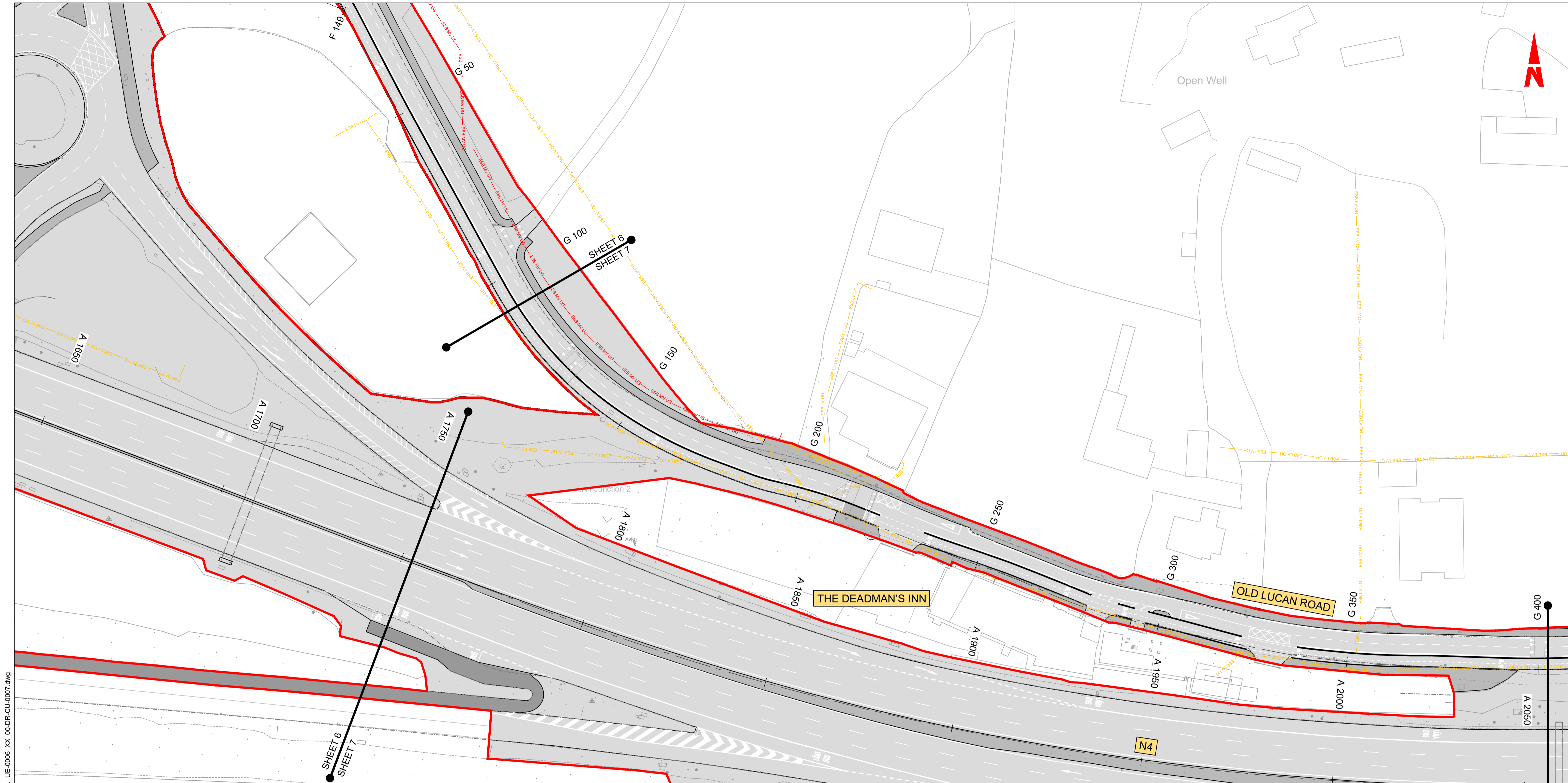
QMS Code: [Blank]

Drawn: T.NEMYNUSHC  
 Checked: M.DALE  
 Approved: C.ACTON

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0006	Sheet Number 06 of 31	Status A	Rev M01

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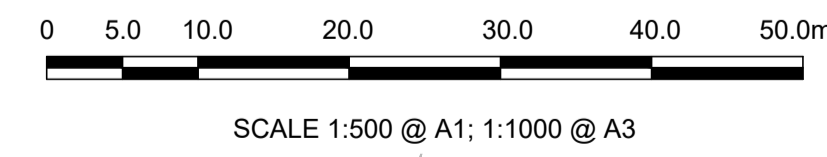


**LEGEND:**

---	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	29/09/22	TN	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client

Engineering Designer

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>	
Drawing Title <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>	
Drawing File Name BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0007	Sheet Number 07 of 31
Status A	Rev M01

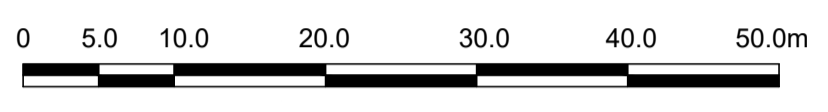
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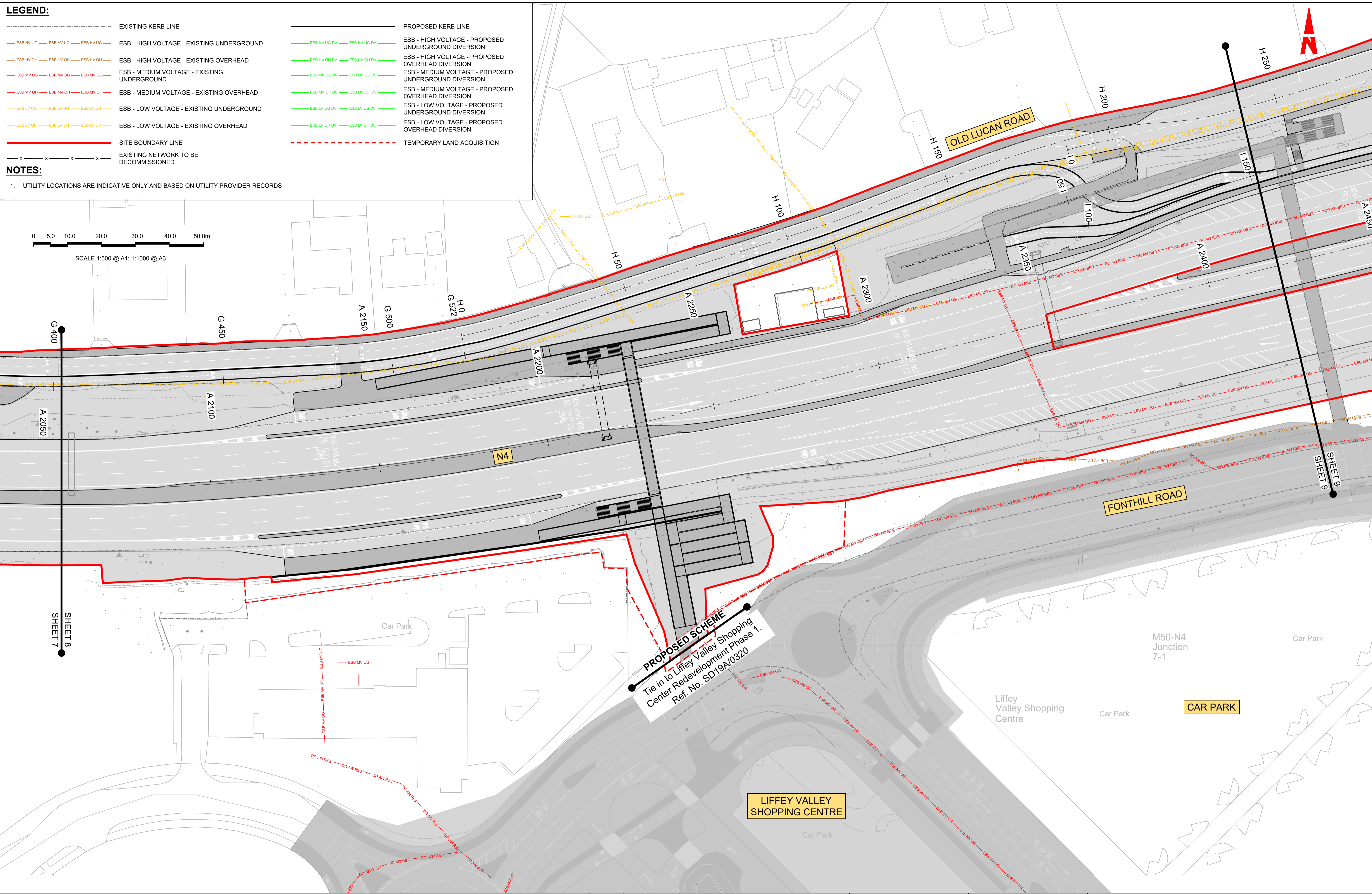
- |  |   |  |   |
|--|---|--|---|
|  | EXISTING KERB LINE                          |  | PROPOSED KERB LINE                                    |
|  | ESB - HIGH VOLTAGE - EXISTING UNDERGROUND   |  | ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION   |
|  | ESB - HIGH VOLTAGE - EXISTING OVERHEAD      |  | 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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SCALE 1:500 @ A1; 1:1000 @ A3



**PROPOSED SCHEME**  
 Tie in to Liffey Valley Shopping  
 Center Redevelopment Phase 1.  
 Ref. No. SD19A0320

**LIFFEY VALLEY SHOPPING CENTRE**

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Client  
  
 Údarás Náisiúnta Iompair  
 National Transport Authority

Engineering Designer

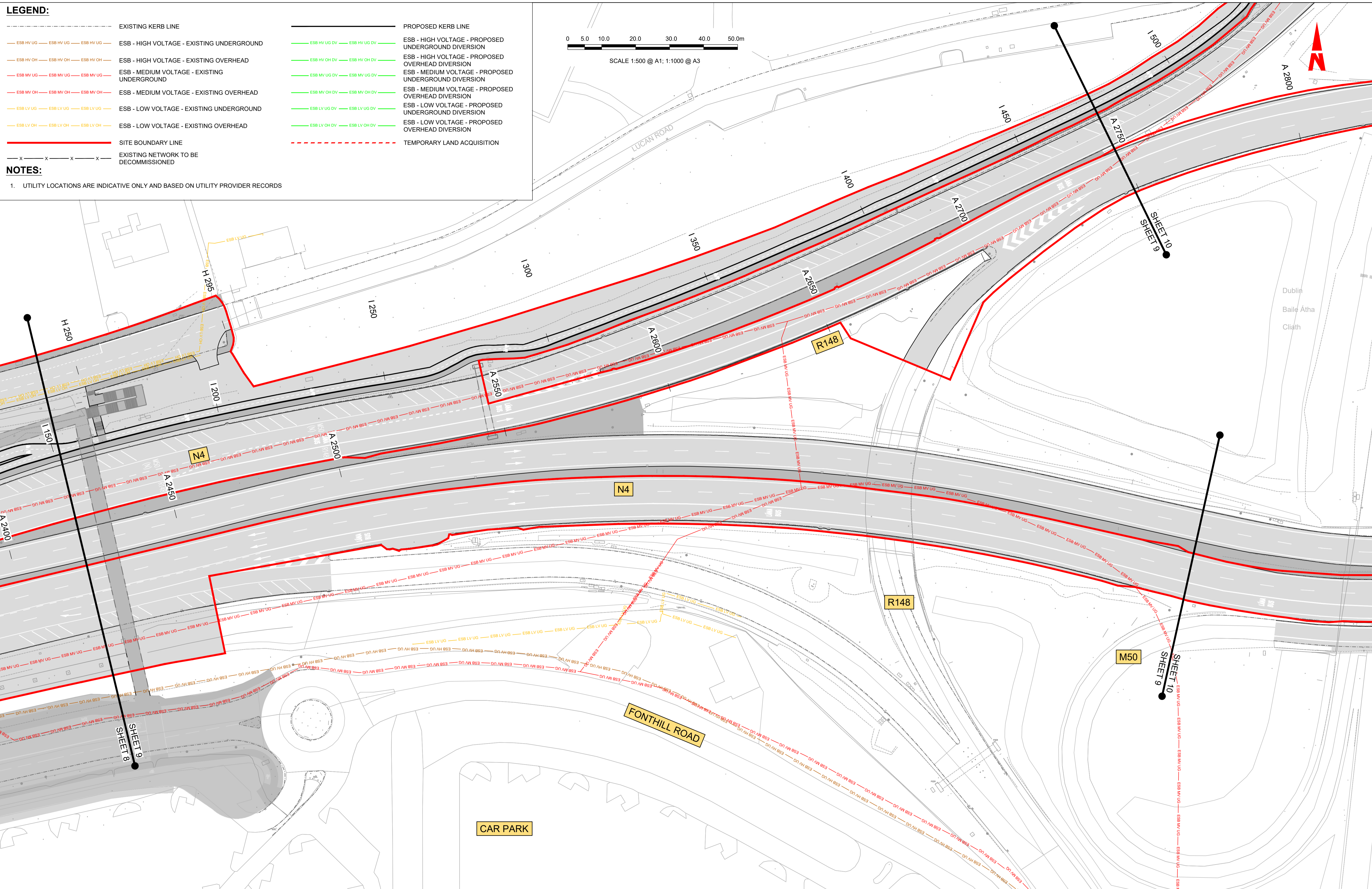
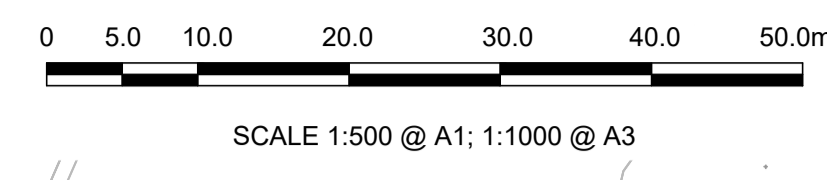
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Drawing Title LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS	
Drawing File Name BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0008	Sheet Number 08 of 31
Status A	Rev M01

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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
	EXISTING NETWORK TO BE DECOMMISSIONED
	TEMPORARY LAND ACQUISITION

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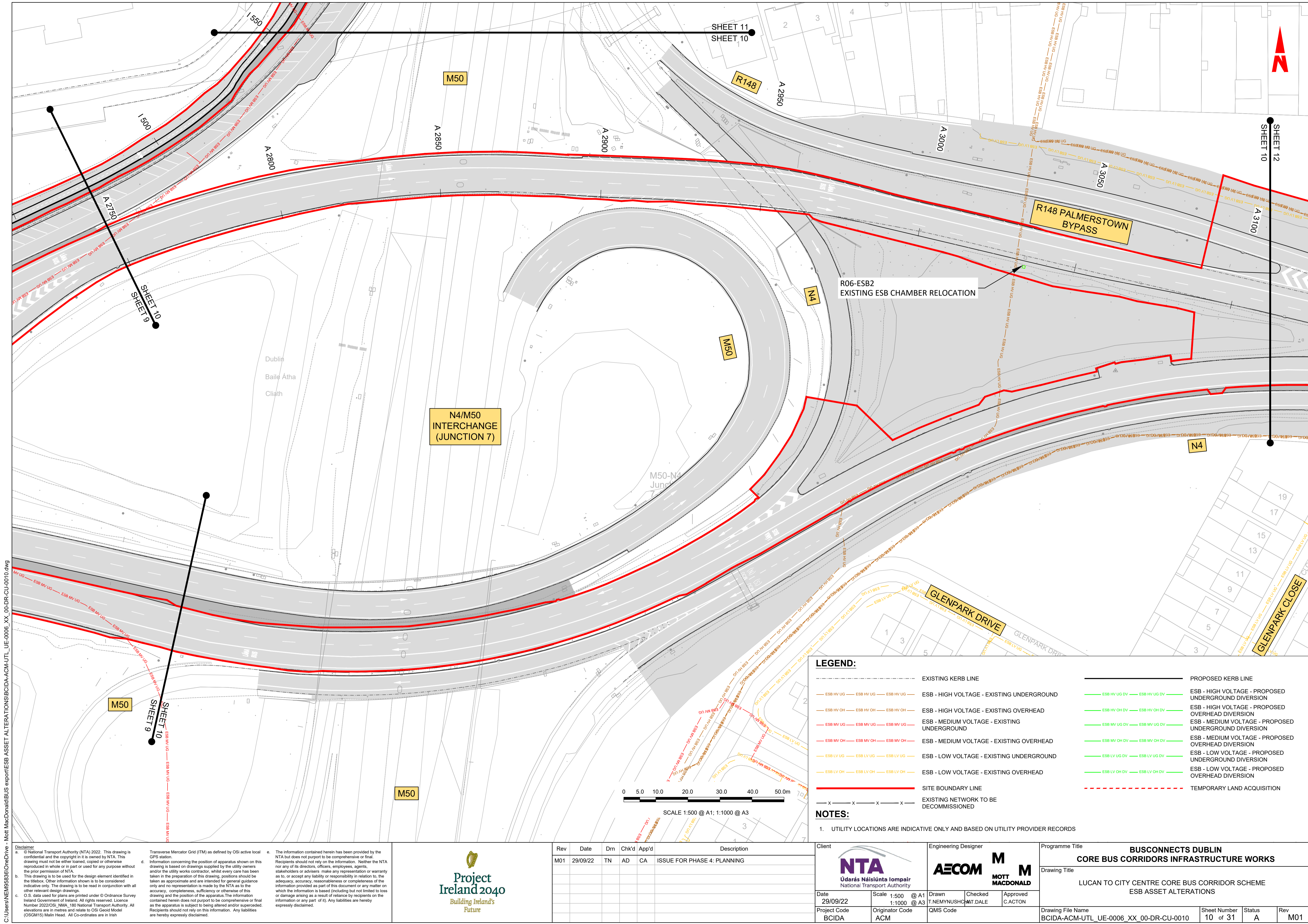
Client  
**NTA**  
 Údarás Náisiúnta Iompair  
 National Transport Authority

Engineering Designer  
**AECOM** **MOTT MACDONALD**

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0009	Sheet Number 09 of 31	Status A	Rev M01

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Client  
**NTA**  
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 National Transport Authority

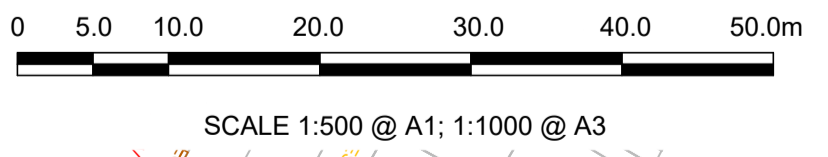
Engineering Designer  
**AECOM** **M**  
**MOTT MACDONALD**

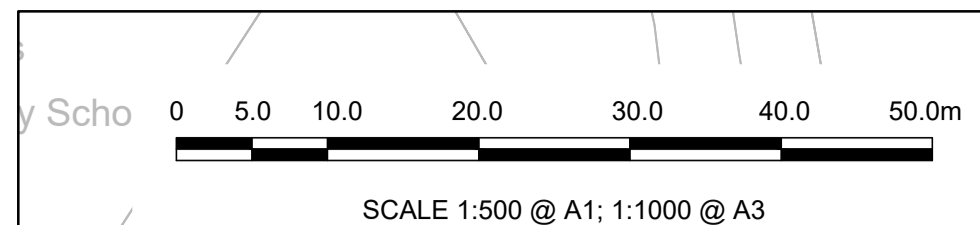
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Drawing Title LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0010	Sheet Number 10 of 31	Status A	Rev M01

**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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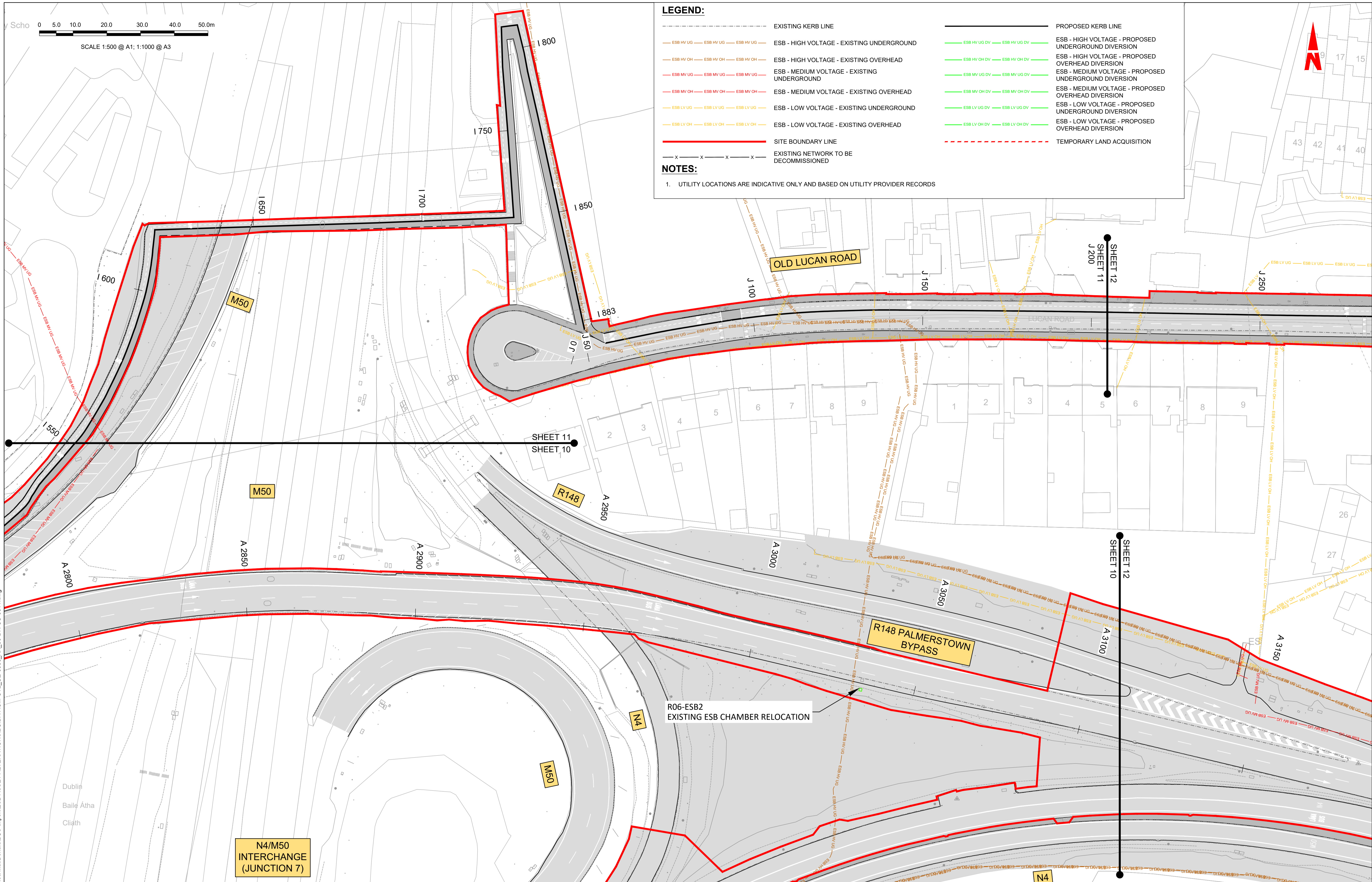


**LEGEND:**

---	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**  
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Rev	Date	Drn	Chk'd	App'd	Description
M01	29/09/22	TN	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client  
**NTA**  
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 National Transport Authority

Engineering Designer  
**AECOM**  
**MOTT MACDONALD**

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

Drawing Title  
 LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME  
 ESB ASSET ALTERATIONS

Drawing File Name  
 BCIDA-ACM-UTL\_UE-0006\_XX\_00-DR-CU-0011

Sheet Number  
 11 of 31

Status  
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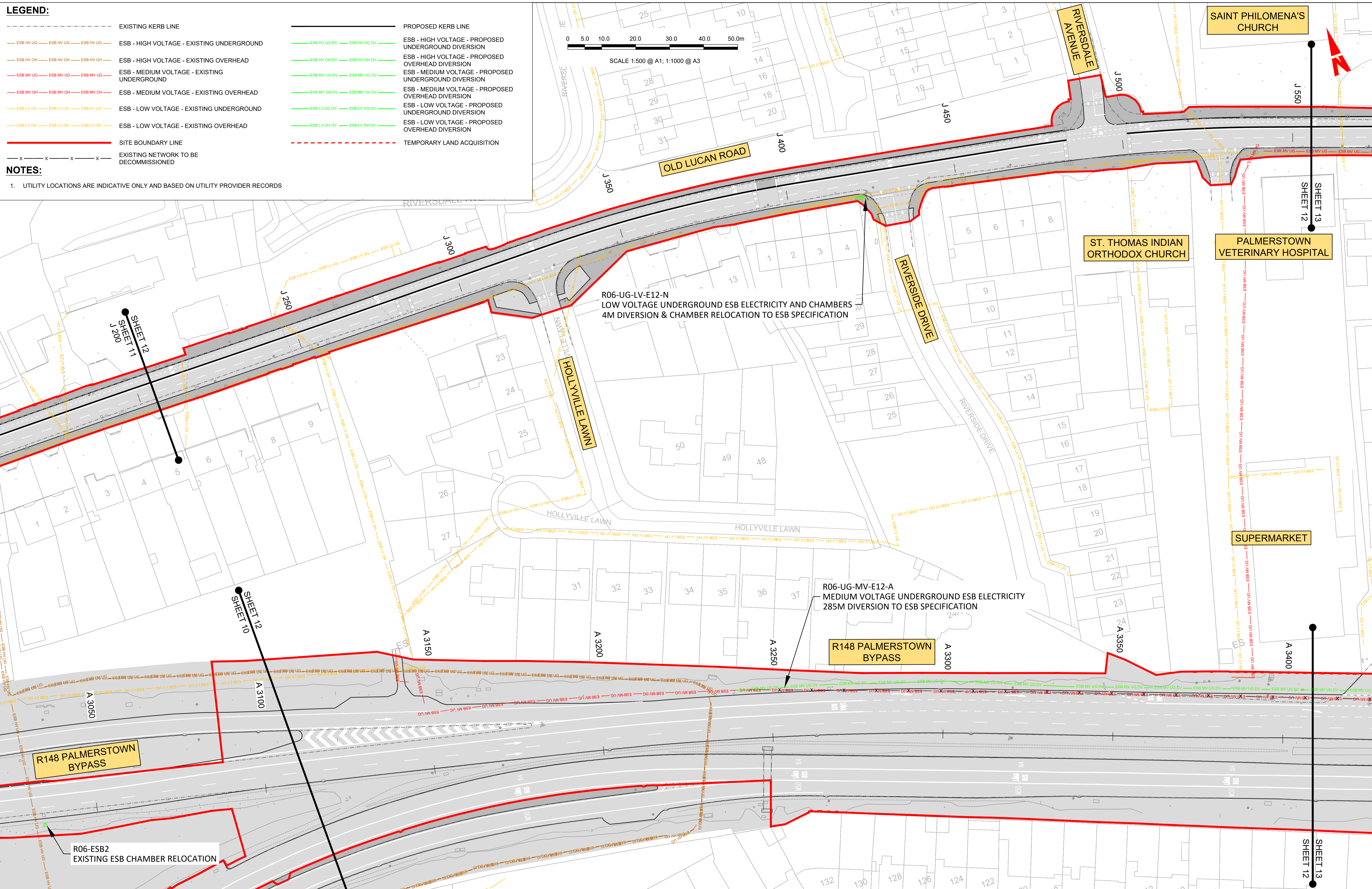
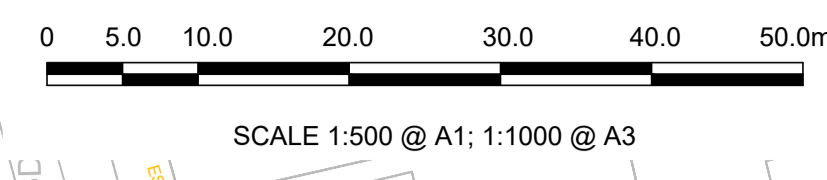
Rev  
 M01

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**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE
	ESB HV UG		ESB HV UG DV
	ESB HV OH		ESB HV OH DV
	ESB MV UG		ESB MV UG DV
	ESB MV OH		ESB MV OH DV
	ESB LV UG		ESB LV UG DV
	ESB LV OH		ESB LV OH DV
	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	29/09/22	TN	AD	CA	ISSUE FOR PHASE 4: PLANNING

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

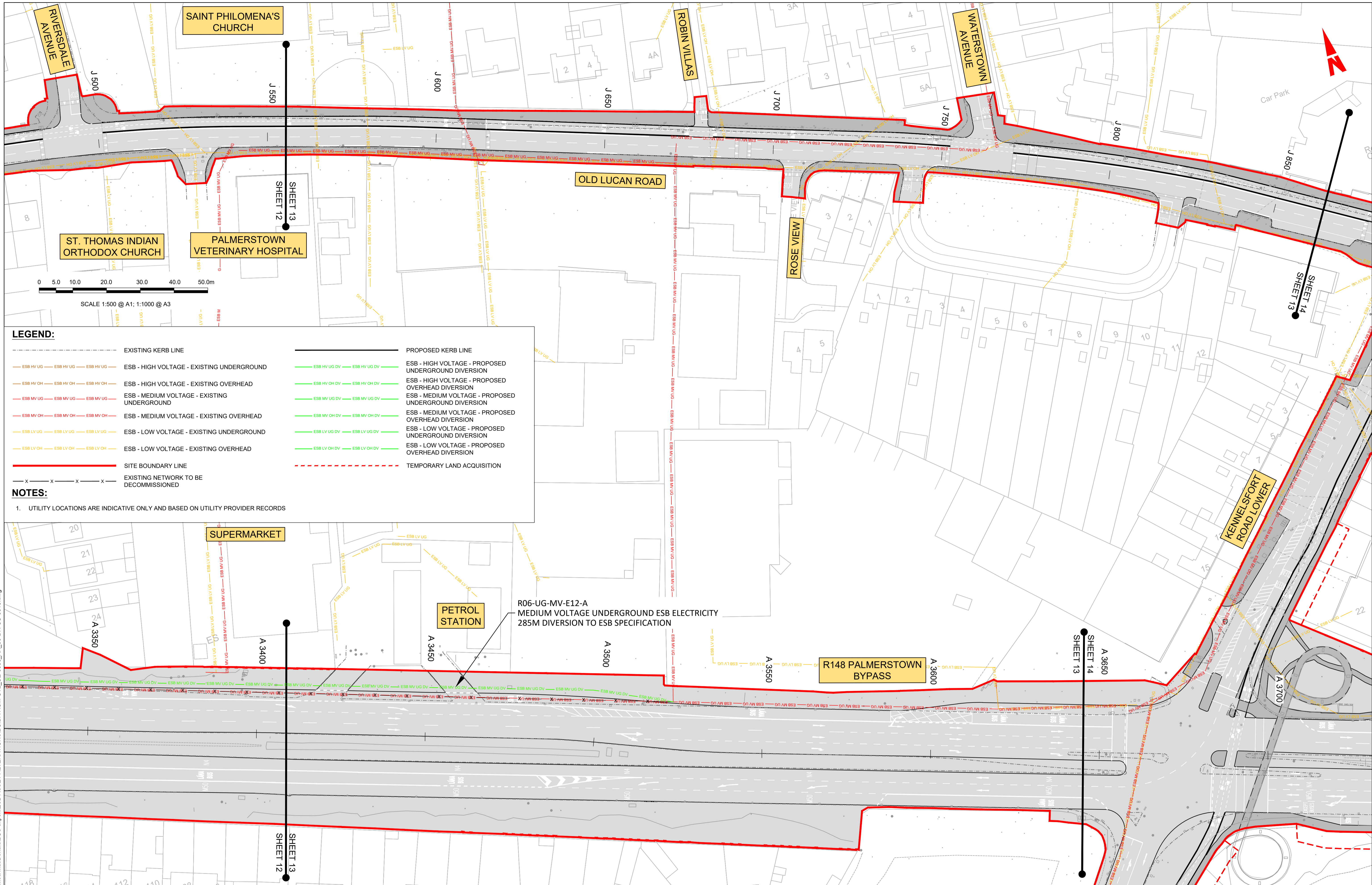
Engineering Designer: **AECOM** **MOTT MACDONALD**

Date: 29/09/22 Scale: 1:500 @ A1, 1:1000 @ A3  
 Drawn: T.NEMYUSHCHENKO Checked: M.DALE Approved: C.ACTON

Project Code: BCIDA Originator Code: ACM QMS Code:

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name: BCIDA-ACM-UTL UE-0006_XX_00-DR-CU-0012	Sheet Number: 12 of 31	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	29/09/22	TN	AD	CA	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **AECOM** **MOTT MACDONALD**

Date: 29/09/22 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: T.NEMYNUSHC | Checked: M.T.DALE | Approved: C.ACTON

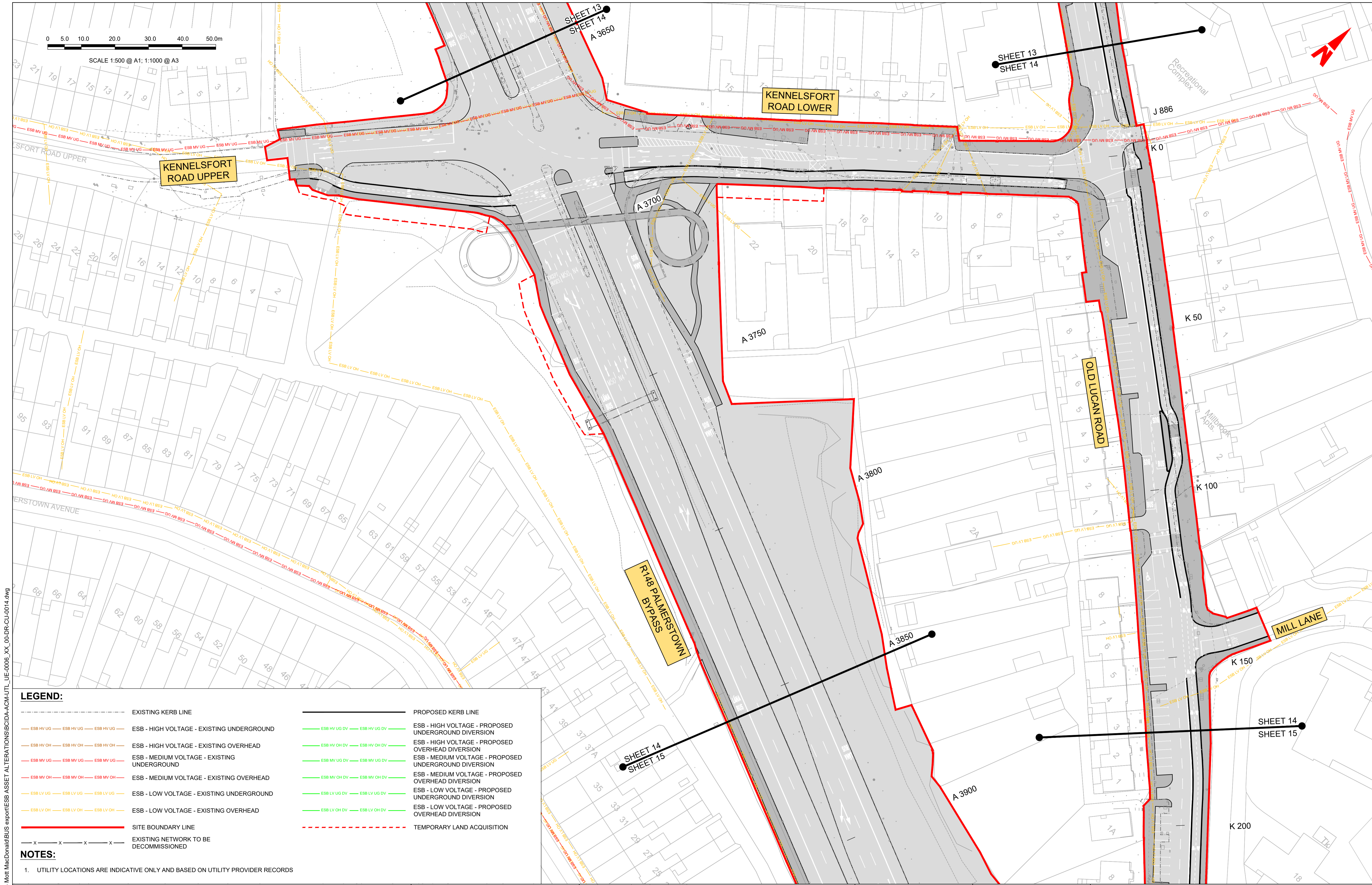
Project Code: BCIDA | Originator Code: ACM | QMS Code:

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name: BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0013	Sheet Number: 13 of 31	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	29/09/22	TN	AD	CA	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **AECOM** **MOTT MACDONALD**

Date: 29/09/22 | Scale: 1:500 @ A1, 1:1000 @ A3

Project Code: BCIDA | Originator Code: ACM

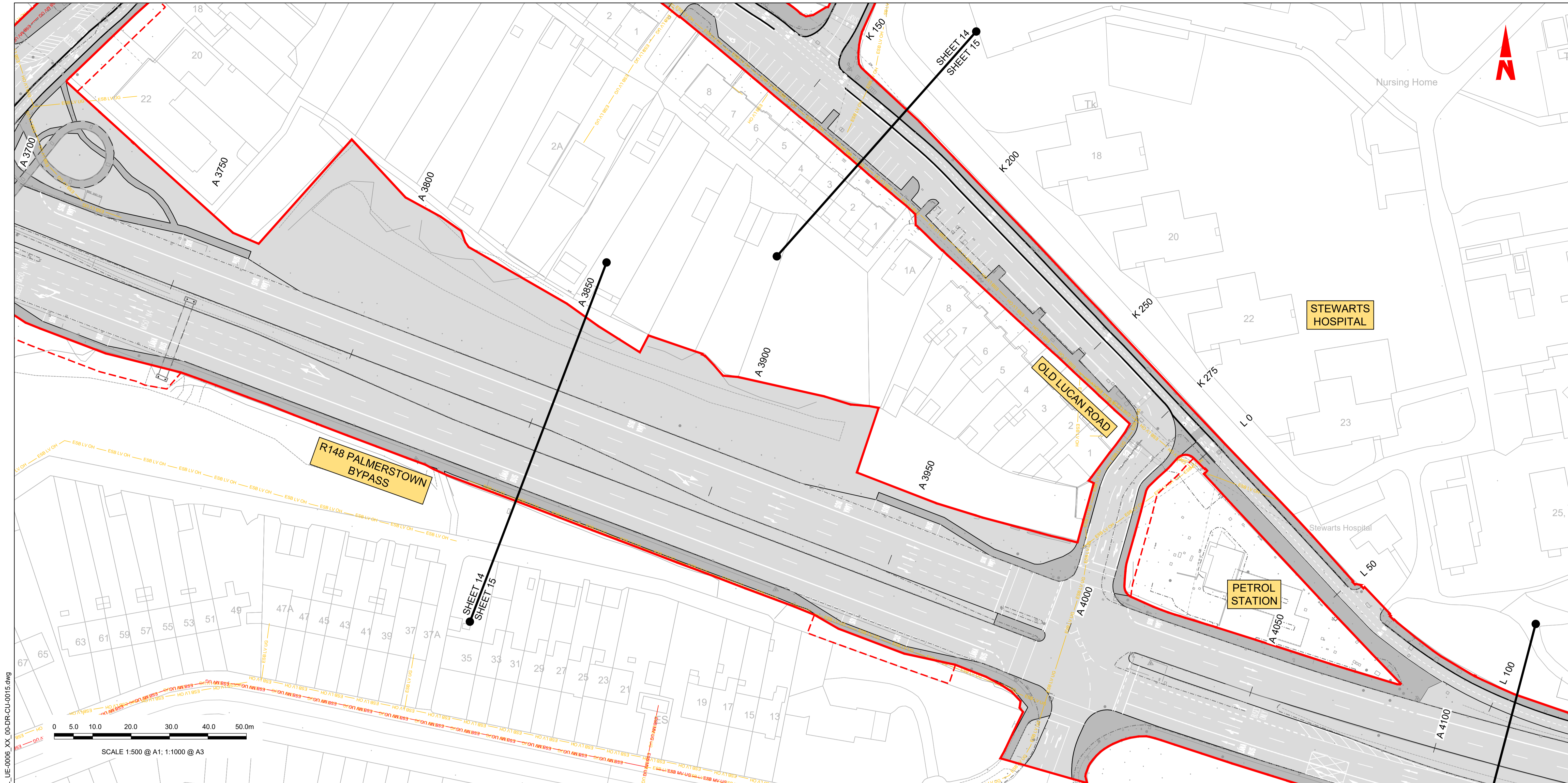
Drawn: T.NEMYNUSHCHAK | Checked: M.DALE | Approved: C.ACTON

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

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

Drawing File Name: BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0014	Sheet Number: 14 of 31	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: **AECOM** **MOTT MACDONALD**

Date: 29/09/22  
Scale: 1:500 @ A1, 1:1000 @ A3

Project Code: BCIDA  
Originator Code: ACM

Drawn: T.NEMYNUSHCHAK  
Checked: M.T.DALE  
Approved: C.ACTON

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name: BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0015	Sheet Number: 15 of 31	Status: A	Rev: M01

0 5.0 10.0 20.0 30.0 40.0 50.0m

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

25, 25A

General Hospital

Sports Ground Multiple Use

River Liffey

An Life

Glenside Industrial Estate

RIVER LIFFEY

Stewarts Hospital

R112 LUCAN ROAD

PETROL STATION

R148 PALMERSTOWN BYPASS

PALMERSTOWN DRIVE

PALMERSTOWN DRIVE

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	29/09/22	TN	AD	CA	ISSUE FOR PHASE 4: PLANNING



Client



Údarás Náisiúnta Iompair  
National Transport Authority

Date: 29/09/22  
Scale: 1:500 @ A1  
1:1000 @ A3

Engineering Designer

Drawn: T.NEMYNUSHCHAK  
Checked: M.T.DALE  
Approved: C.ACTON

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

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

Drawing File Name: BCIDA-ACM-UTL\_UE-0006\_XX\_00-DR-CU-0016

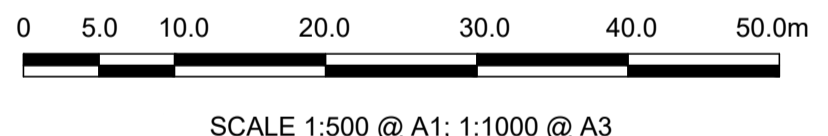
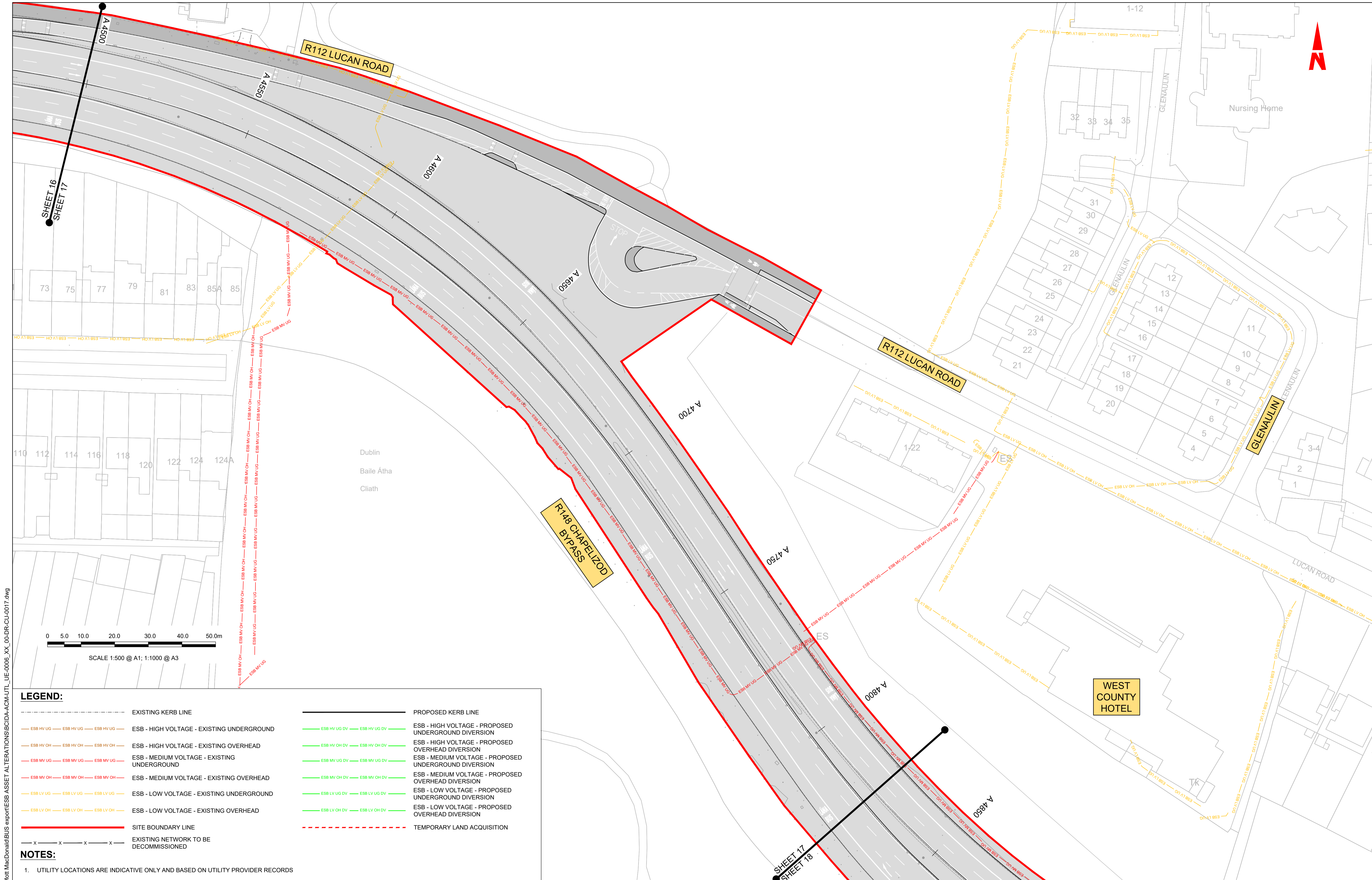
Sheet Number: 16 of 31

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

Engineering Designer: **AECOM** **MOTT MACDONALD**

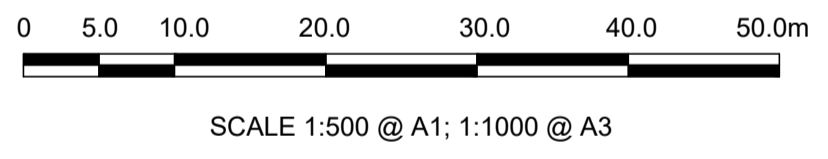
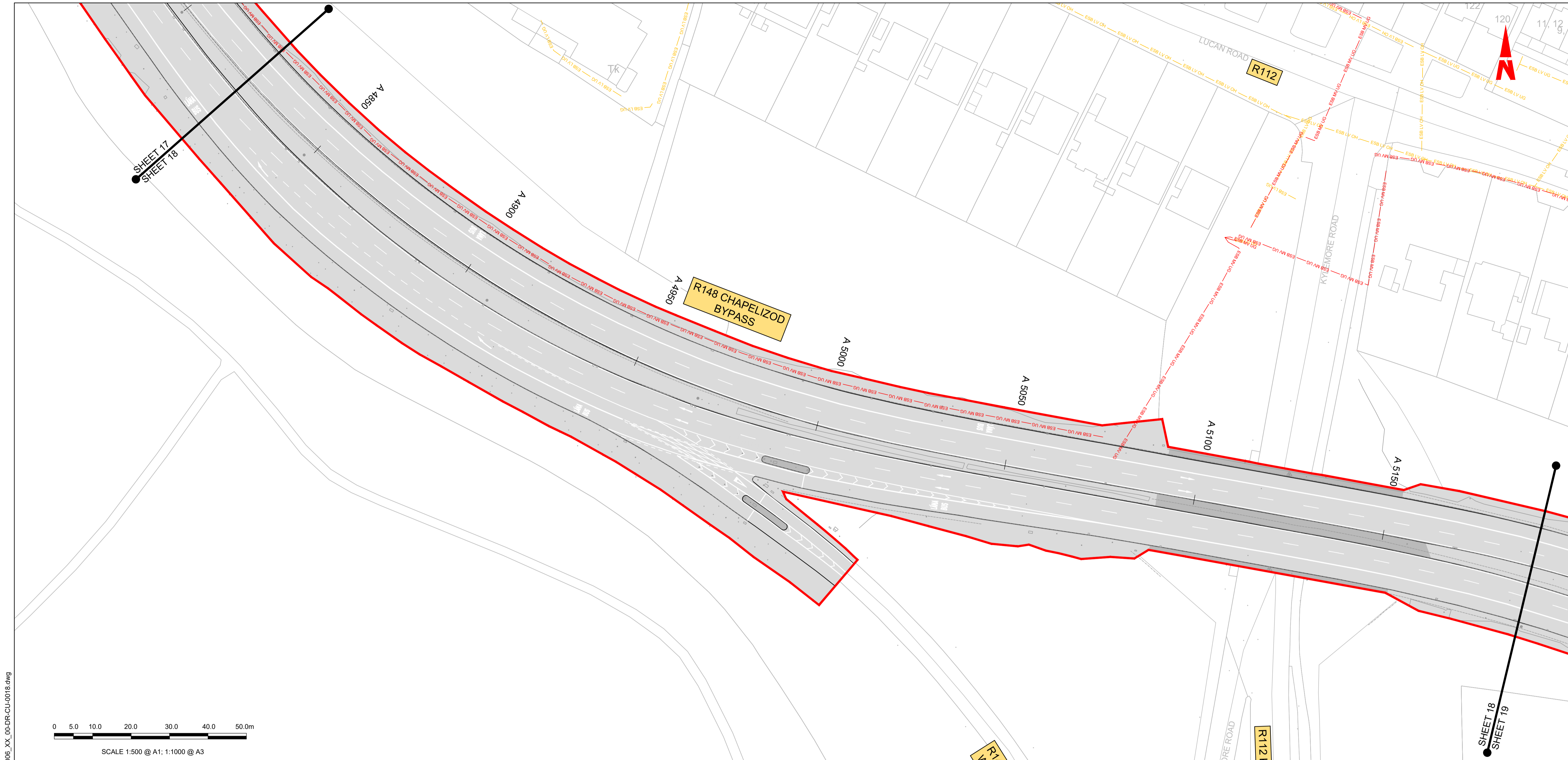
Date: 29/09/22  
Scale: 1:500 @ A1, 1:1000 @ A3

Project Code: BCIDA  
Originator Code: ACM

Drawn: T.NEMYNUSHCHAK  
Checked: M.DALE  
Approved: C.ACTON

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name: BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0017	Sheet Number: 17 of 31	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	29/09/22	TN	AD	CA	ISSUE FOR PHASE 4: PLANNING

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

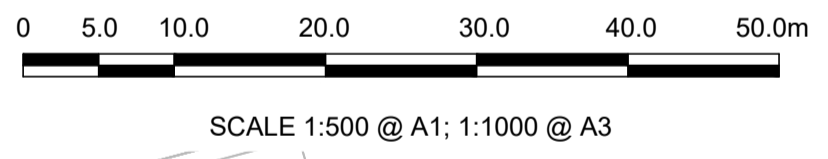
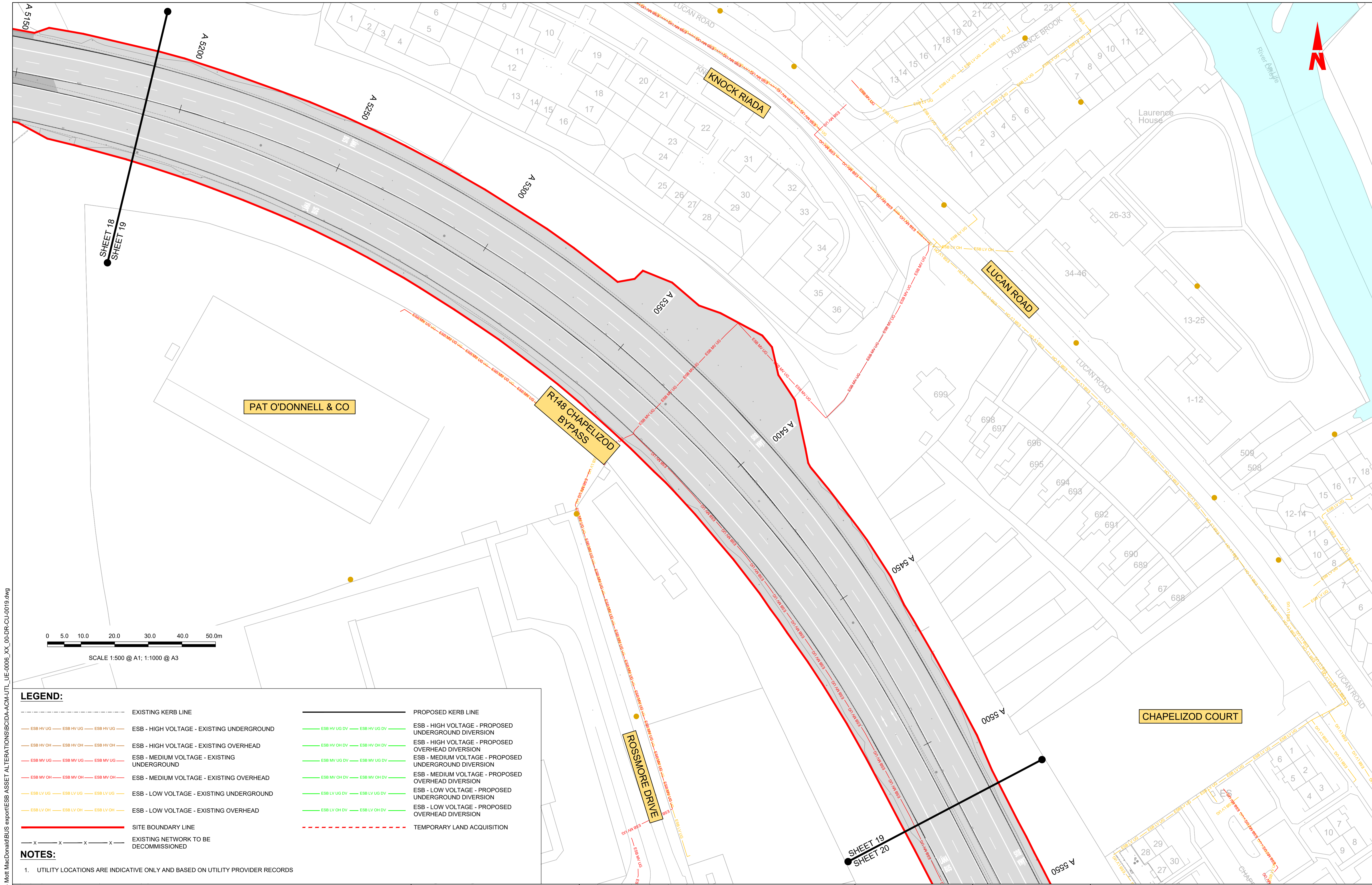
Engineering Designer: **AECOM** **MOTT MACDONALD**

Date: 29/09/22 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: T.NEMYNUSHCHAK | Checked: MATT.DALE | Approved: C.ACTON

Project Code: BCIDA | Originator Code: ACM | QMS Code:

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name: BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0018	Sheet Number: 18 of 31	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	29/09/22	TN	AD	CA	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **AECOM** **MOTT MACDONALD**

Date: 29/09/22  
 Scale: 1:500 @ A1, 1:1000 @ A3

Drawn: T.NEMYNUSHO  
 Checked: M.T.DALE  
 Approved: C.ACTON

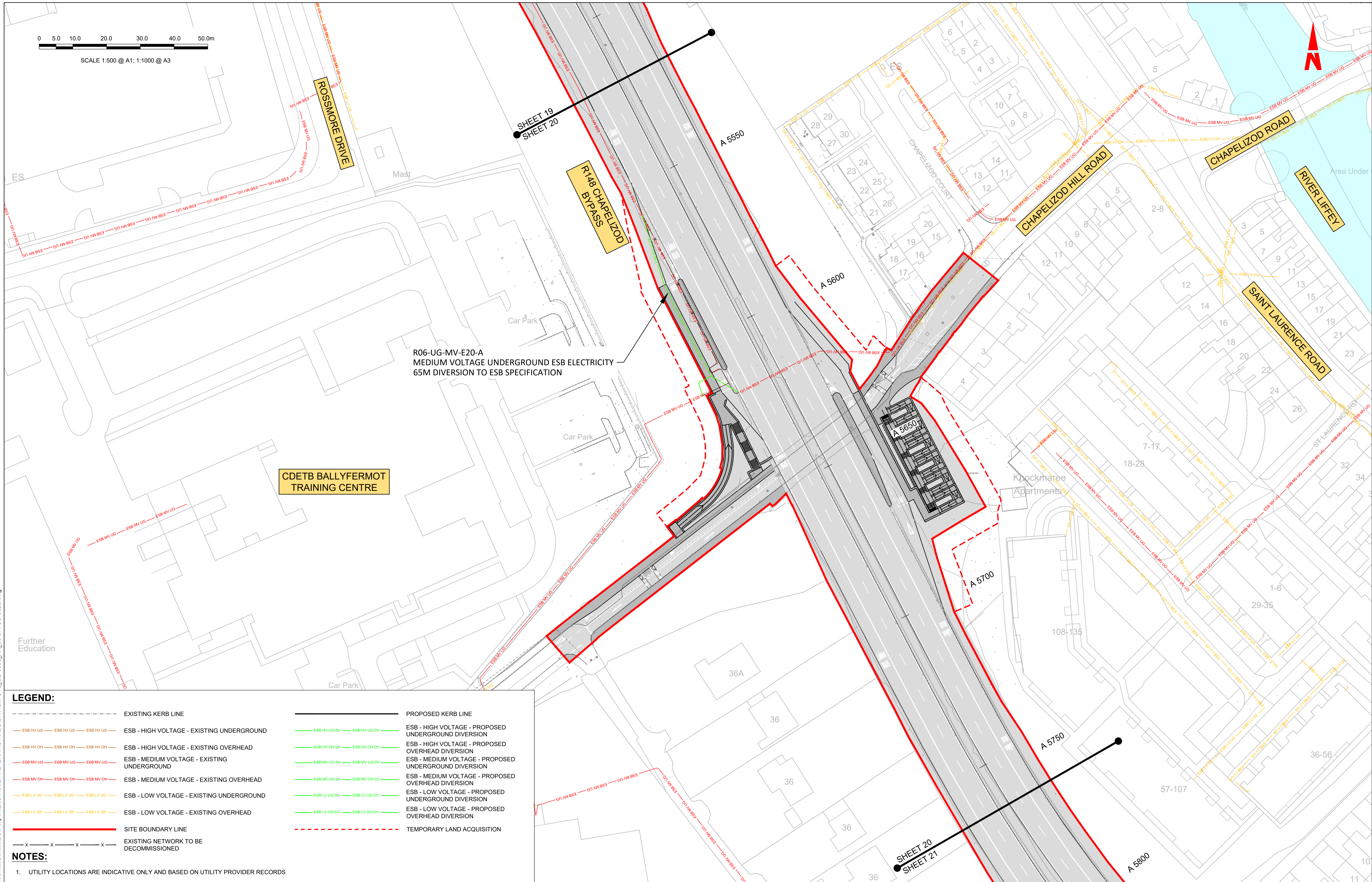
Project Code: BCIDA  
 Originator Code: ACM  
 QMS Code:

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name: BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0019	Sheet Number: 19 of 31	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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**Project Ireland 2040**  
Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
M01	29/09/22	TN	AD	CA	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **AECOM** **MOTT MACDONALD**

Date: 29/09/22 | Scale: 1:500 @ A1, 1:1000 @ A3

Project Code: BCIDA | Originator Code: ACM

Drawn: T.NEMYNUSHO | Checked: M.T.DALE | Approved: C.ACTON

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

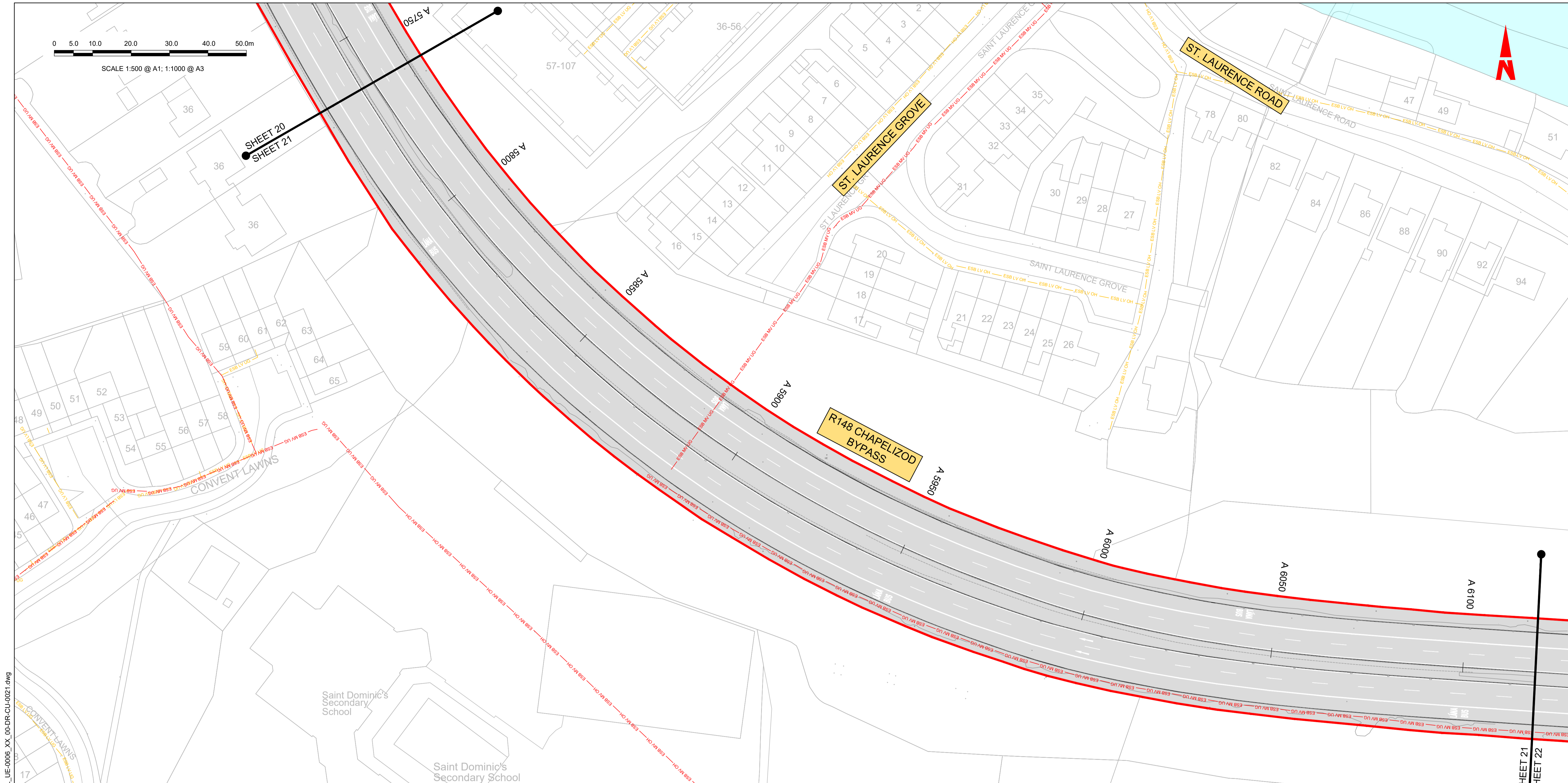
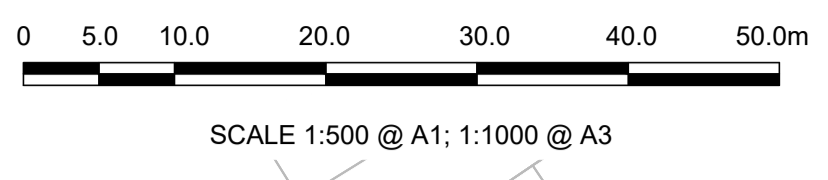
Drawing Title: **LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS**

Drawing File Name: BCIDA-ACM-UTL\_UE-0006\_XX\_00-DR-CU-0020

Sheet Number: 20 of 31 | 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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M01	29/09/22	TN	AD	CA	ISSUE FOR PHASE 4: PLANNING

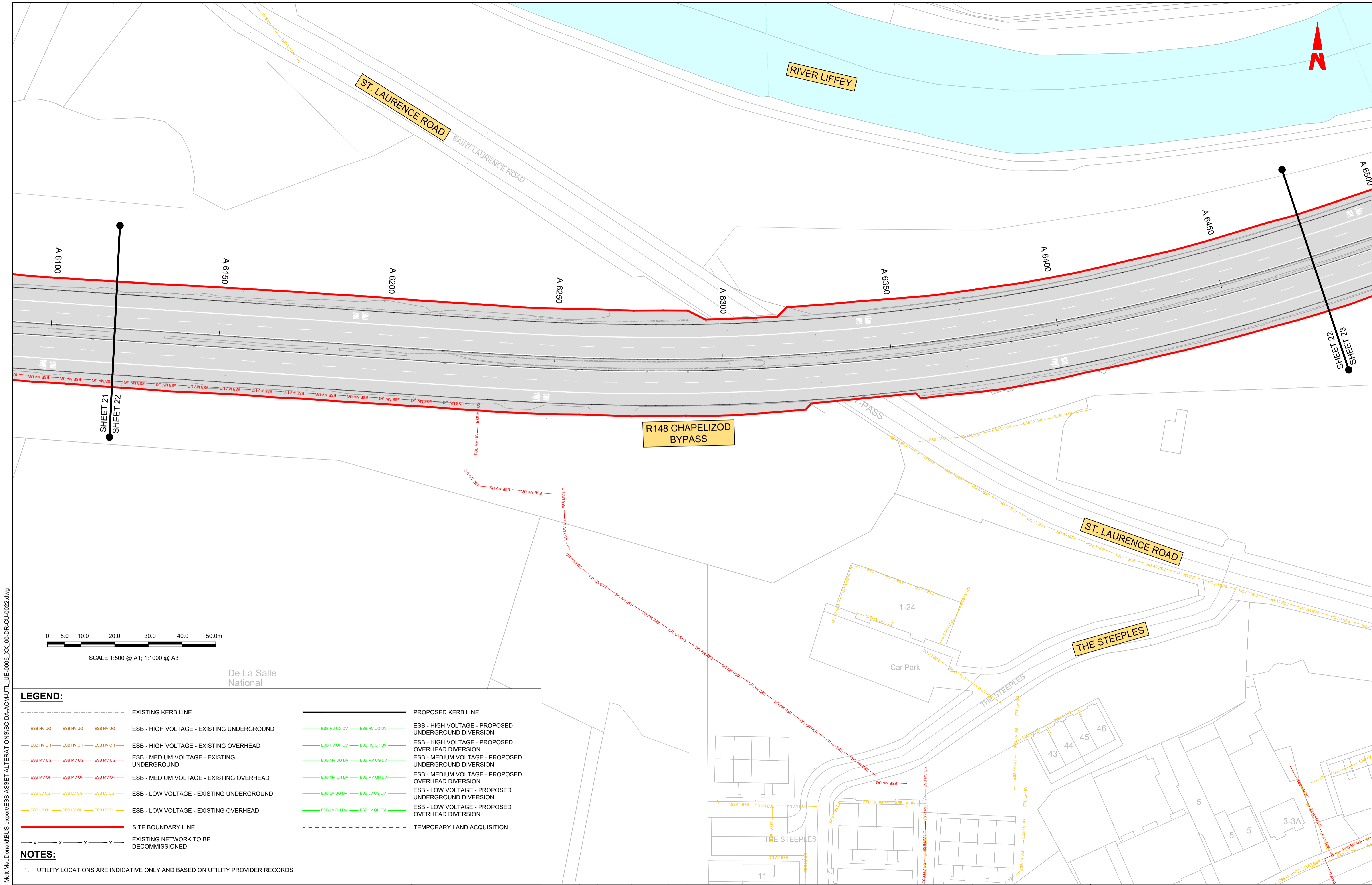
Client  
**NTA**  
 Údarás Náisiúnta Iompair  
 National Transport Authority

Engineering Designer  
**AECOM** **MOTT MACDONALD**

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0021	Sheet Number 21 of 31	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	29/09/22	TN	AD	CA	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **AECOM**, **MOTT MACDONALD**

Date: 29/09/22 | Scale: 1:500 @ A1, 1:1000 @ A3

Project Code: BCIDA | Originator Code: ACM

Drawn: T.NEMYNUSHCHAK | Checked: M.T.DALE | Approved: C.ACTON

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name: BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0022	Sheet Number: 22 of 31	Status: A	Rev: M01

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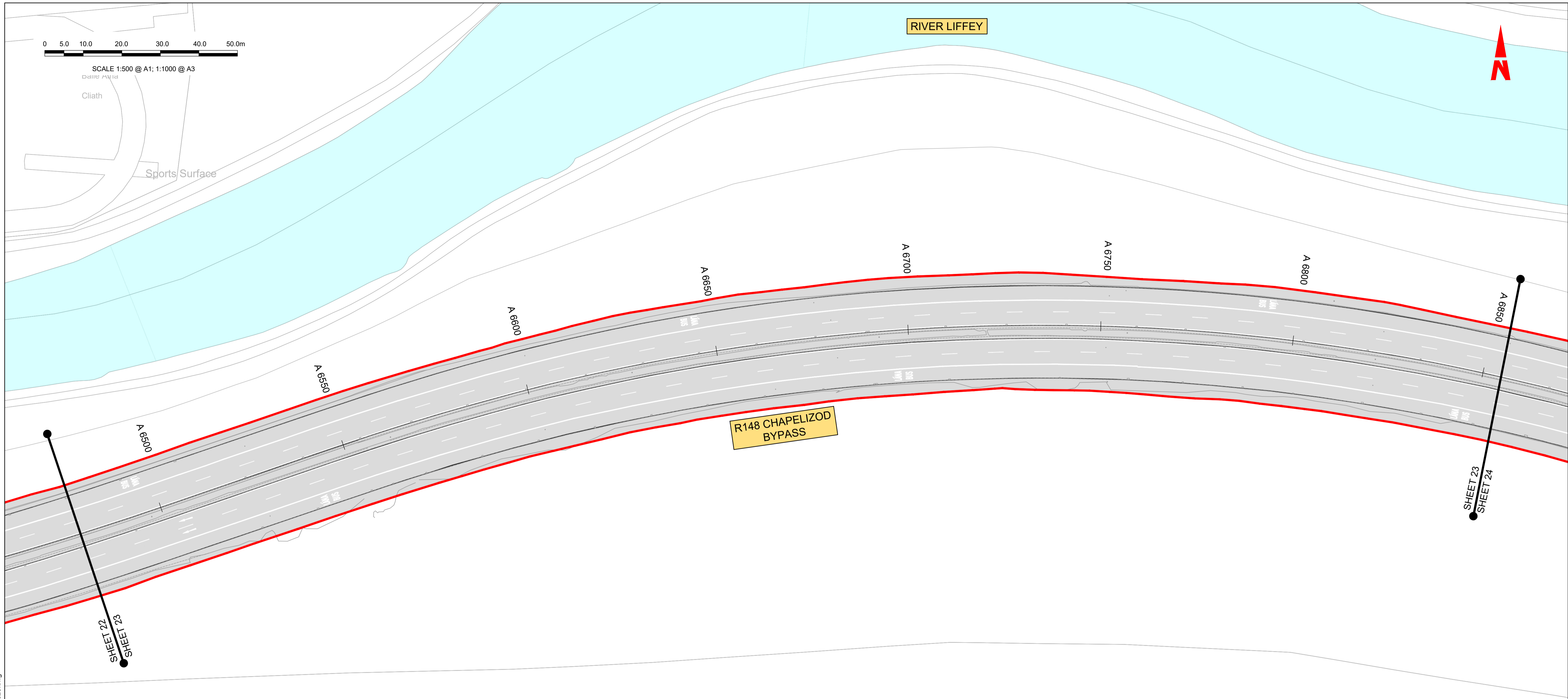
SCALE 1:500 @ A1; 1:1000 @ A3

DATE: 29/09/22

Cliath

Sports Surface

RIVER LIFFEY



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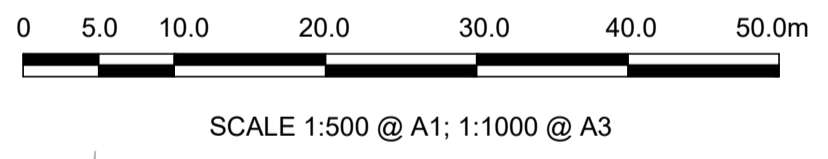
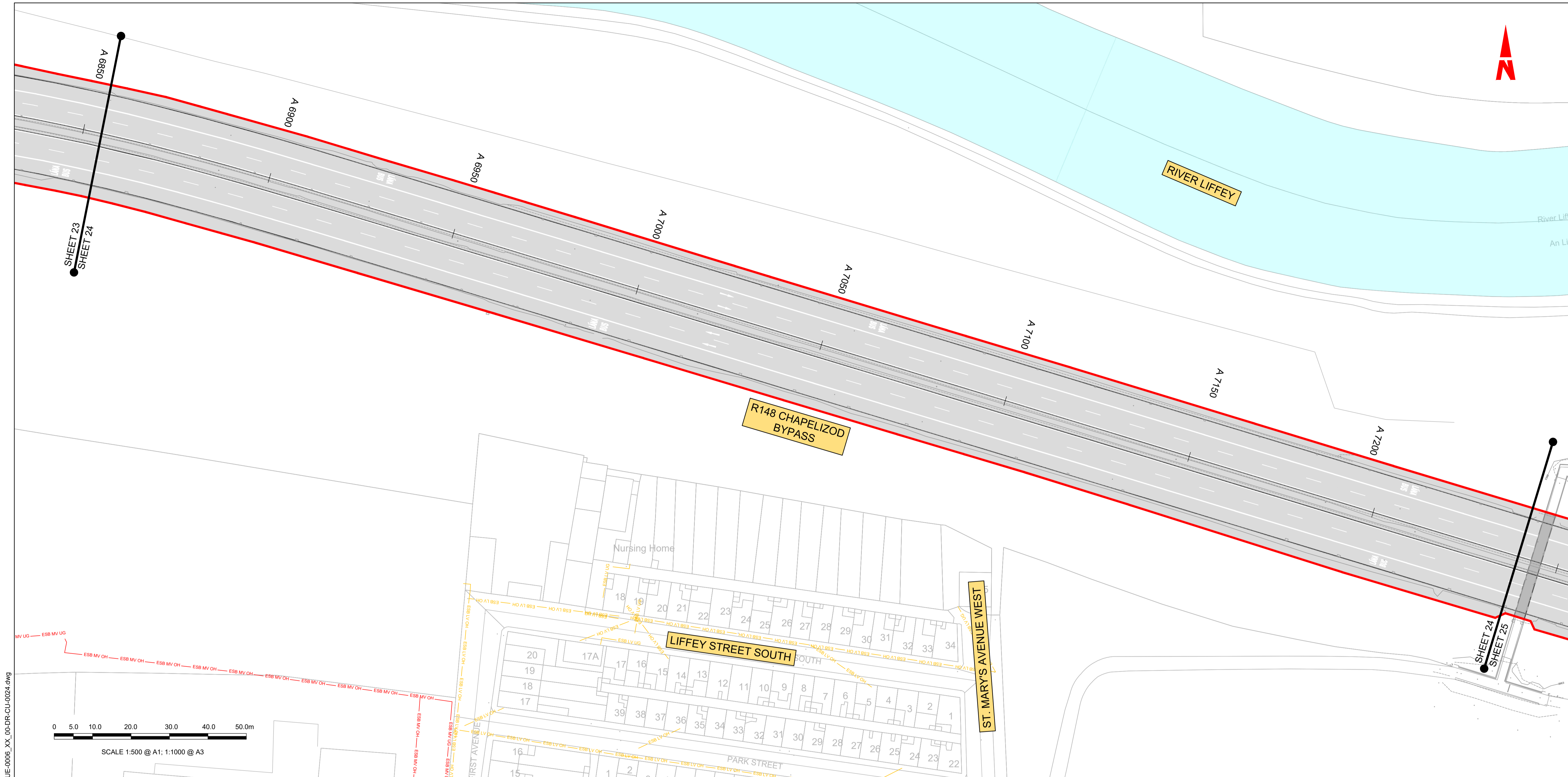
Client  
**NTA**  
 Údarás Náisiúnta Iompair  
 National Transport Authority

Engineering Designer  
**AECOM** **MOTT MACDONALD**

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>	
Drawing Title LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS	
Drawing File Name BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0023	Sheet Number 23 of 31
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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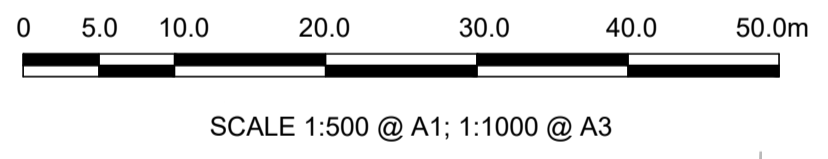
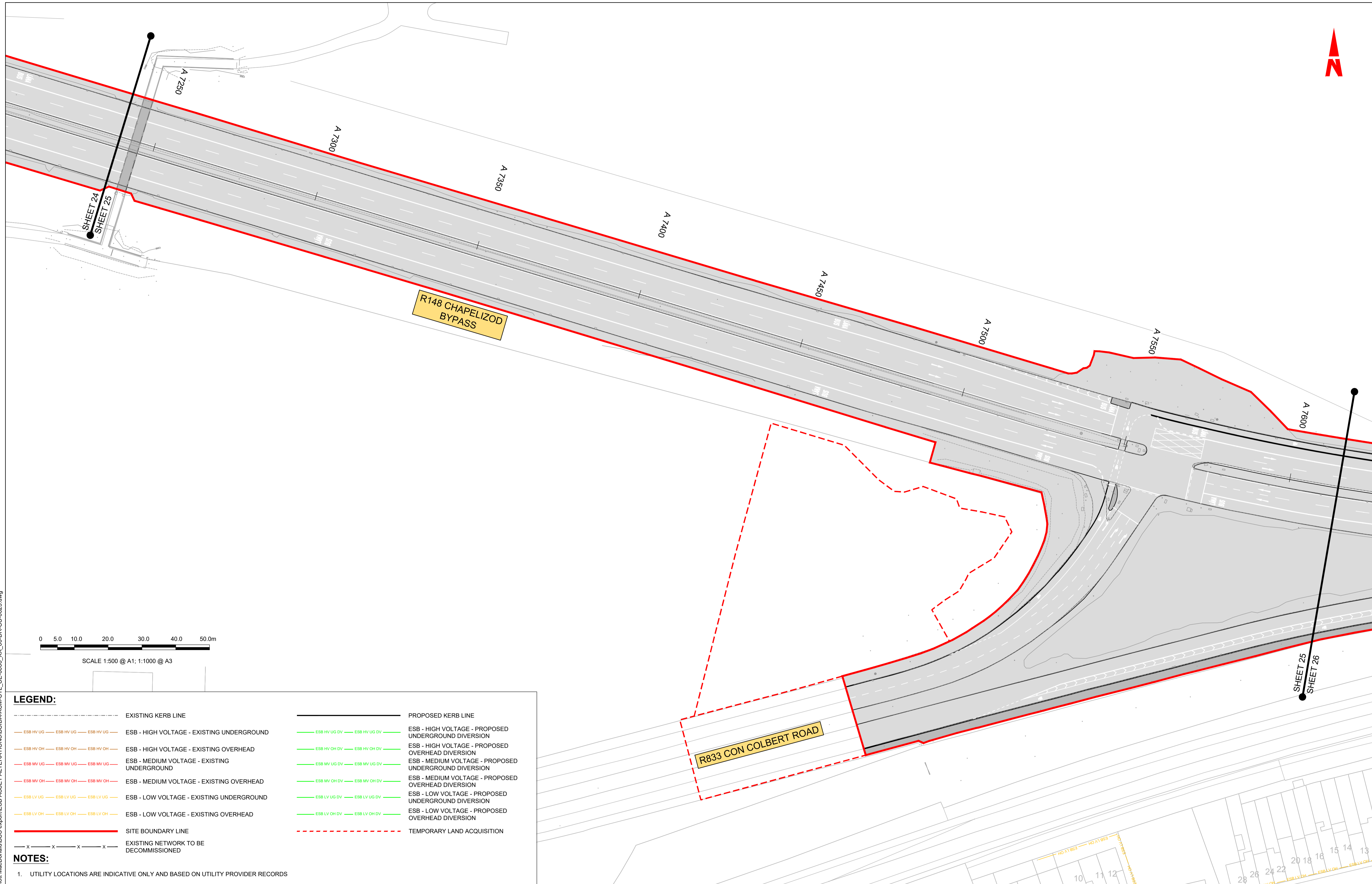
Rev	Date	Drn	Chk'd	App'd	Description
M01	29/09/22	TN	AD	CA	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer  
**AECOM** **MOTT MACDONALD**  
 T.NEMYNUSHO **M** **M**  
 J.MAT.DALE **M** **M**  
 C.ACTON

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0024	Sheet Number 24 of 31	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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Client  
**NTA**  
 Údarás Náisiúnta Iompair  
 National Transport Authority

Engineering Designer  
**AECOM** **MOTT MACDONALD**

Date: 29/09/22  
 Scale: 1:500 @ A1, 1:1000 @ A3  
 Drawn: T.NEMYNUSHO  
 Checked: M.T.DALE  
 Approved: C.ACTON

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0025	Sheet Number 25 of 31	Status A	Rev M01

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**LEGEND:**

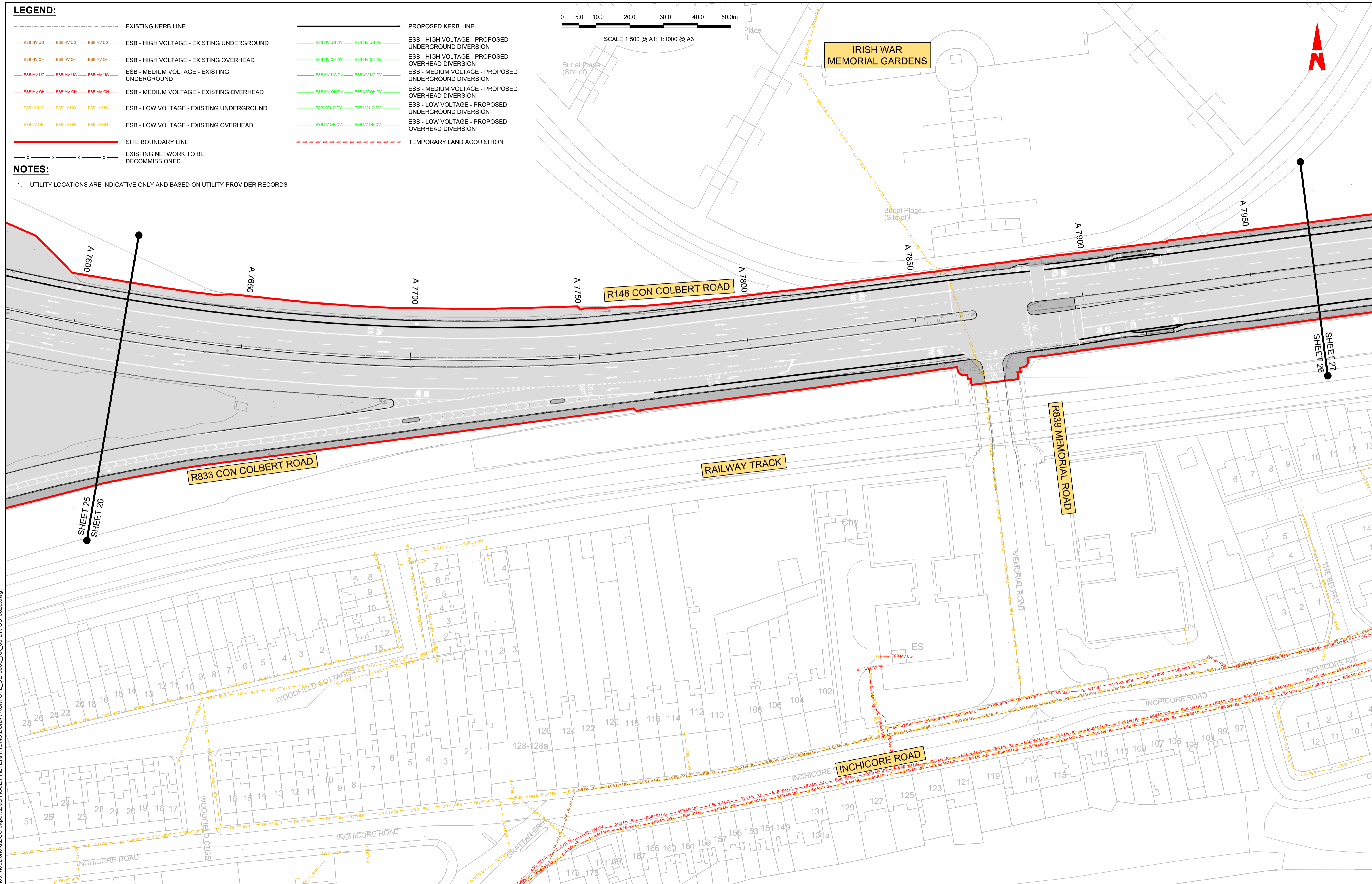
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	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - 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	Chk'd	App'd	Description
M01	29/09/22	TN	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client		Engineering Designer		Programme Title	
NTA Údarás Náisiúnta Iompair National Transport Authority		AECOM MOTT MACDONALD		BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS	
Date	Scale	Drawn	Checked	Approved	Drawing Title
29/09/22	1:500 @ A1 1:1000 @ A3	T.NEMYNUSHO	MAT.DALE	C.ACTON	LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS
Project Code	Originator Code	QMS Code		Drawing File Name	Sheet Number
BCIDA	ACM			BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0026	26 of 31
				Status	Rev
				A	M01

Client		Engineering Designer		Programme Title	
NTA Údarás Náisiúnta Iompair National Transport Authority		AECOM MOTT MACDONALD		BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS	
Date	Scale	Drawn	Checked	Approved	Drawing Title
29/09/22	1:500 @ A1 1:1000 @ A3	T.NEMYNUSHO	MAT.DALE	C.ACTON	LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS
Project Code	Originator Code	QMS Code		Drawing File Name	Sheet Number
BCIDA	ACM			BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0026	26 of 31
				Status	Rev
				A	M01

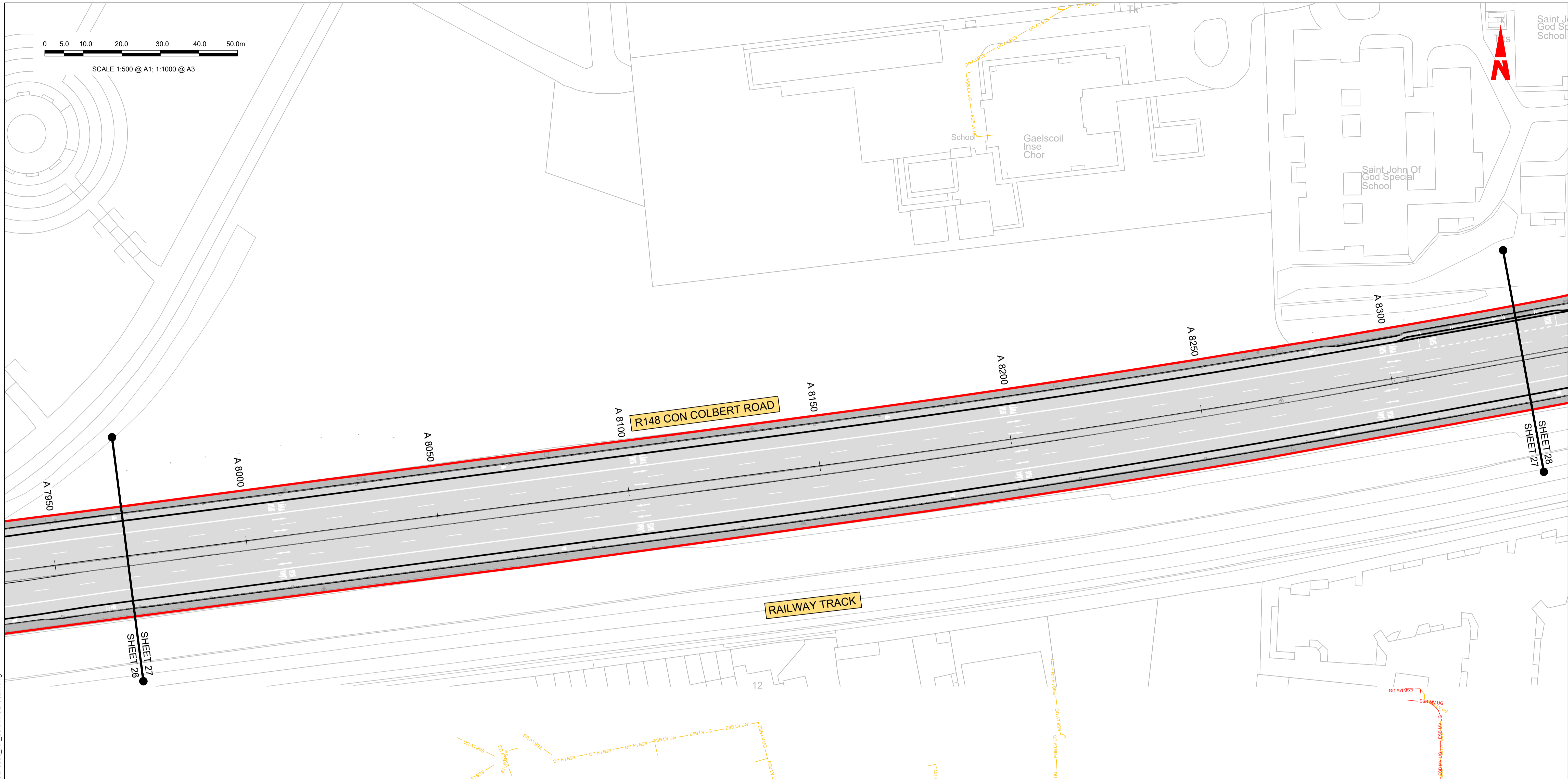
Client		Engineering Designer		Programme Title	
NTA Údarás Náisiúnta Iompair National Transport Authority		AECOM MOTT MACDONALD		BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS	
Date	Scale	Drawn	Checked	Approved	Drawing Title
29/09/22	1:500 @ A1 1:1000 @ A3	T.NEMYNUSHO	MAT.DALE	C.ACTON	LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS
Project Code	Originator Code	QMS Code		Drawing File Name	Sheet Number
BCIDA	ACM			BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0026	26 of 31
				Status	Rev
				A	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	29/09/22	TN	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client

Date: 29/09/22  
Scale: 1:500 @ A1, 1:1000 @ A3

Engineering Designer

Drawn: T.NEMYNUSHCHAK  
Checked: M.T.DALE  
Approved: C.ACTON

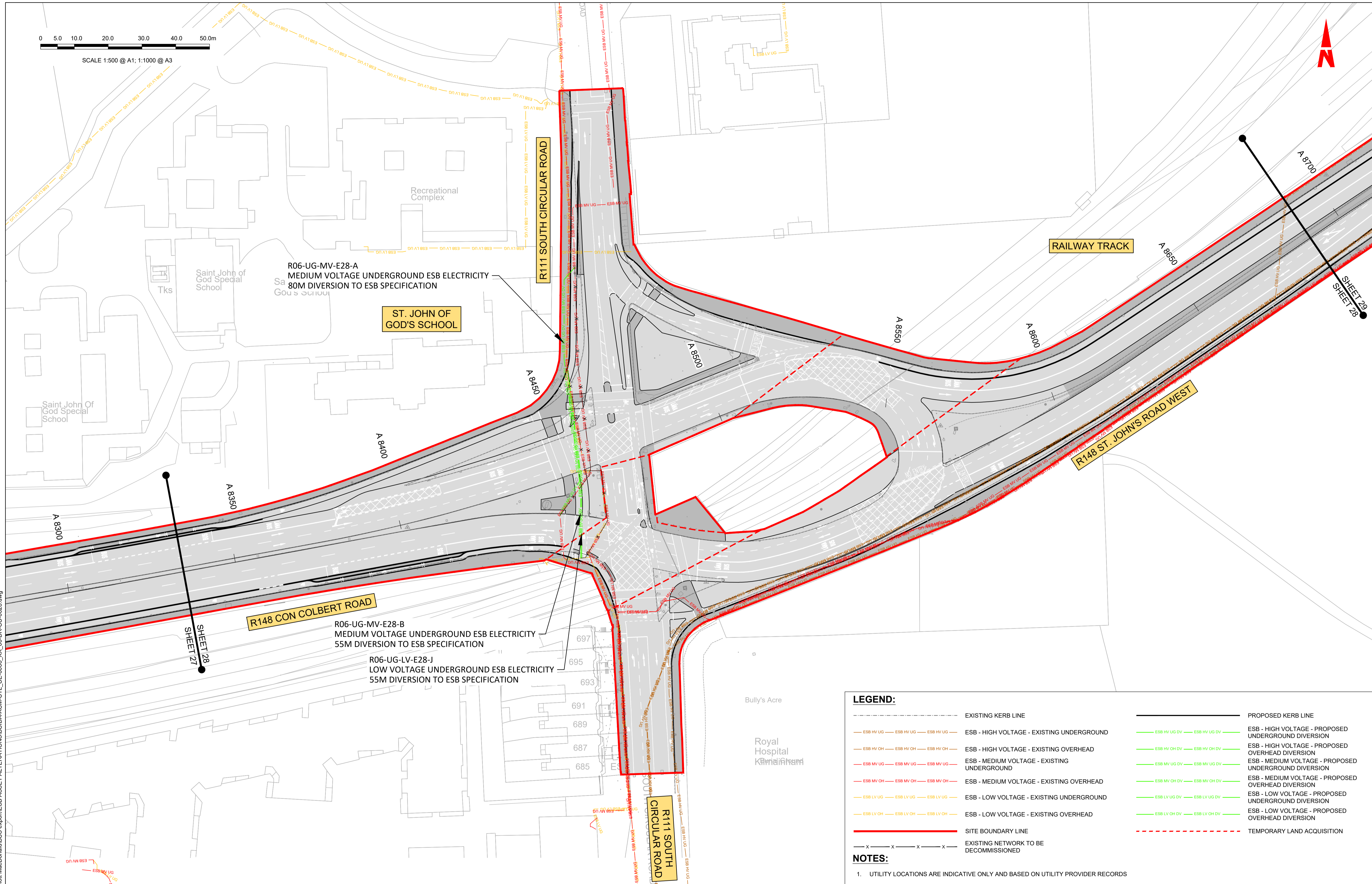
Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0027	Sheet Number 27 of 31	Status A	Rev M01

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



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SHEET 28  
SHEET 27

SHEET 29  
SHEET 28

**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

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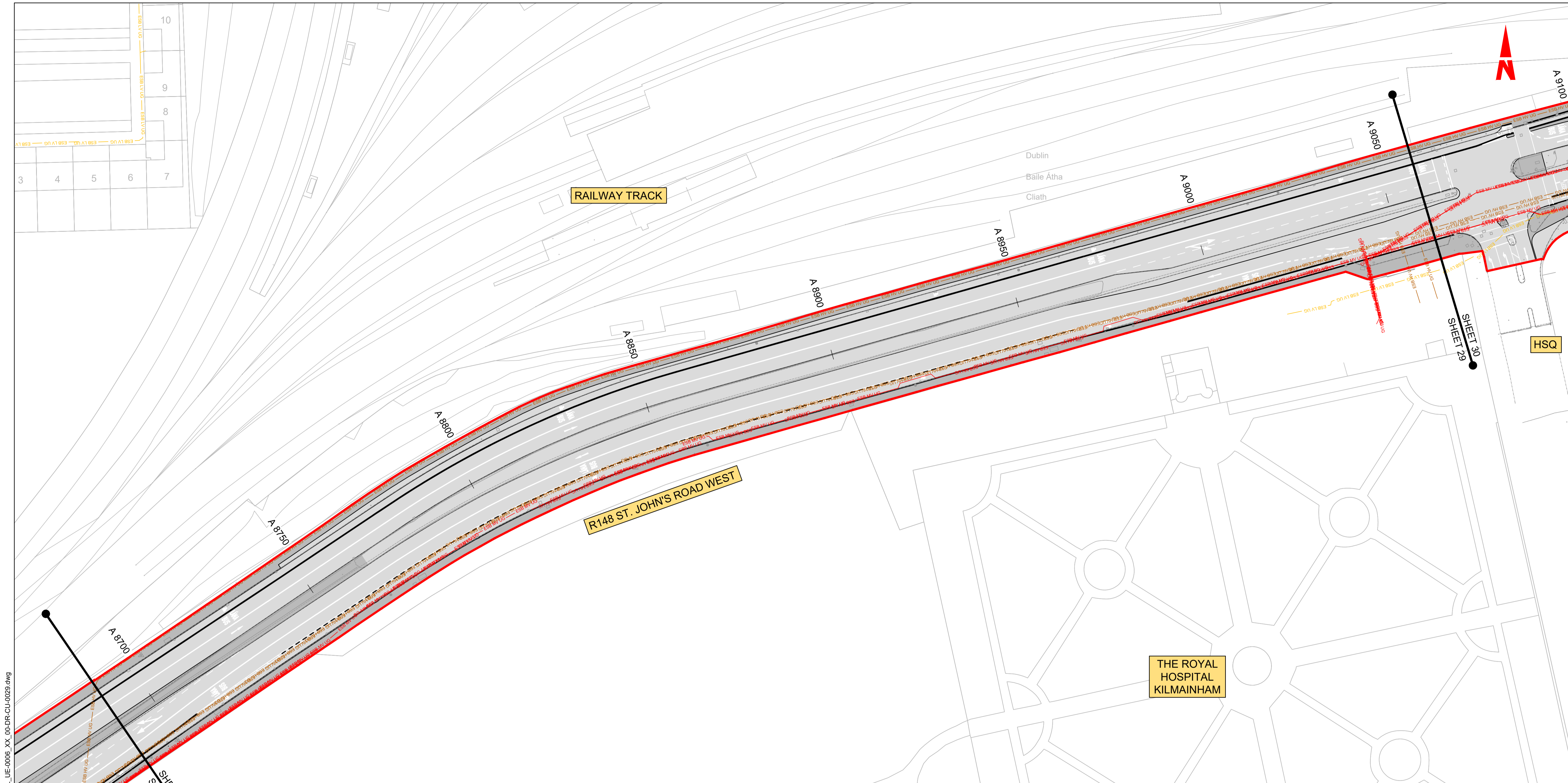


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M01	29/09/22	TN	AD	CA	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer  
**AECOM** **M**  
**MOTT MACDONALD**

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>	
Drawing Title LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS	
Drawing File Name BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0028	Sheet Number 28 of 31
Status A	Rev M01



RAILWAY TRACK

R148 ST. JOHN'S ROAD WEST

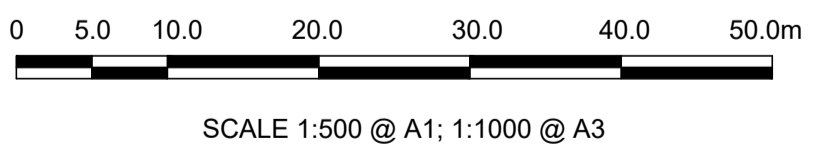
THE ROYAL HOSPITAL KILMAINHAM

**LEGEND:**

	EXISTING KERB LINE		PROPOSED KERB LINE	
	ESB HV UG	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND		ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB HV OH	ESB - HIGH VOLTAGE - EXISTING OVERHEAD		ESB - HIGH VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB MV UG	ESB - MEDIUM VOLTAGE - EXISTING UNDERGROUND		ESB - MEDIUM VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB MV OH	ESB - MEDIUM VOLTAGE - EXISTING OVERHEAD		ESB - MEDIUM VOLTAGE - PROPOSED OVERHEAD DIVERSION
	ESB LV UG	ESB - LOW VOLTAGE - EXISTING UNDERGROUND		ESB - LOW VOLTAGE - PROPOSED UNDERGROUND DIVERSION
	ESB LV OH	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  
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 National Transport Authority

Engineering Designer  
**AECOM** **M**  
**MOTT MACDONALD**

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0029	Sheet Number 29 of 31	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



HEUSTON STATION

RAILWAY TRACK

R148 ST. JOHN'S ROAD WEST

MILITARY ROAD

HSQ

CAR PARK

**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	29/09/22	TN	AD	CA	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **AECOM** **MOTT MACDONALD**

Date: 29/09/22  
Scale: 1:500 @ A1, 1:1000 @ A3

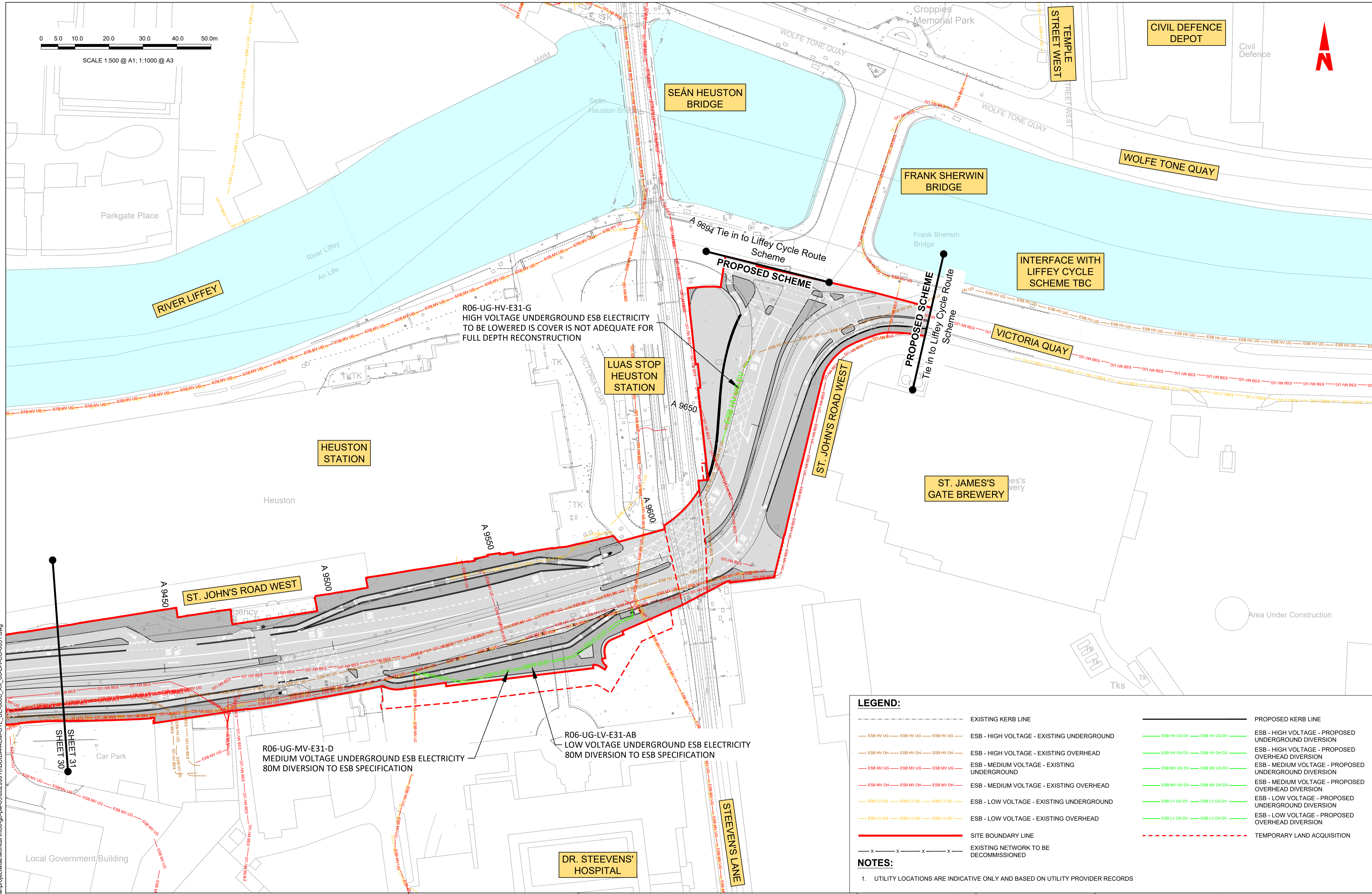
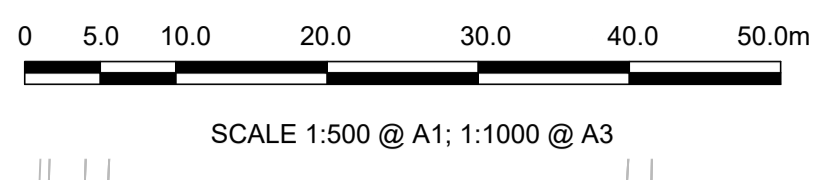
Project Code: BCIDA  
Originator Code: ACM

Drawn: T.NEMYNUSHC  
Checked: M.T.DALE  
Approved: C.ACTON

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS</b>			
Drawing File Name: BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0030	Sheet Number: 30 of 31	Status: A	Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

C:\Users\NEM9536\OneDrive - Mott MacDonald\BUS export\ESB ASSET ALTERATIONS\BCIDA-ACM-UTL\_UE-0006\_XX\_00-DR-CU-0030.dwg



**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

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Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS			
Drawing File Name BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0031	Sheet Number 31 of 31	Status A	Rev M01