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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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

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS

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

Date	Scale	Drawn	Checked	Approved
29/09/22	N/A @ A1 N/A @ A3	T.NEMYNUSHCHA	M.DALE	C.ACTON

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_IX-0006_XX_00-DR-CU-0003	01 of 01	A	M01

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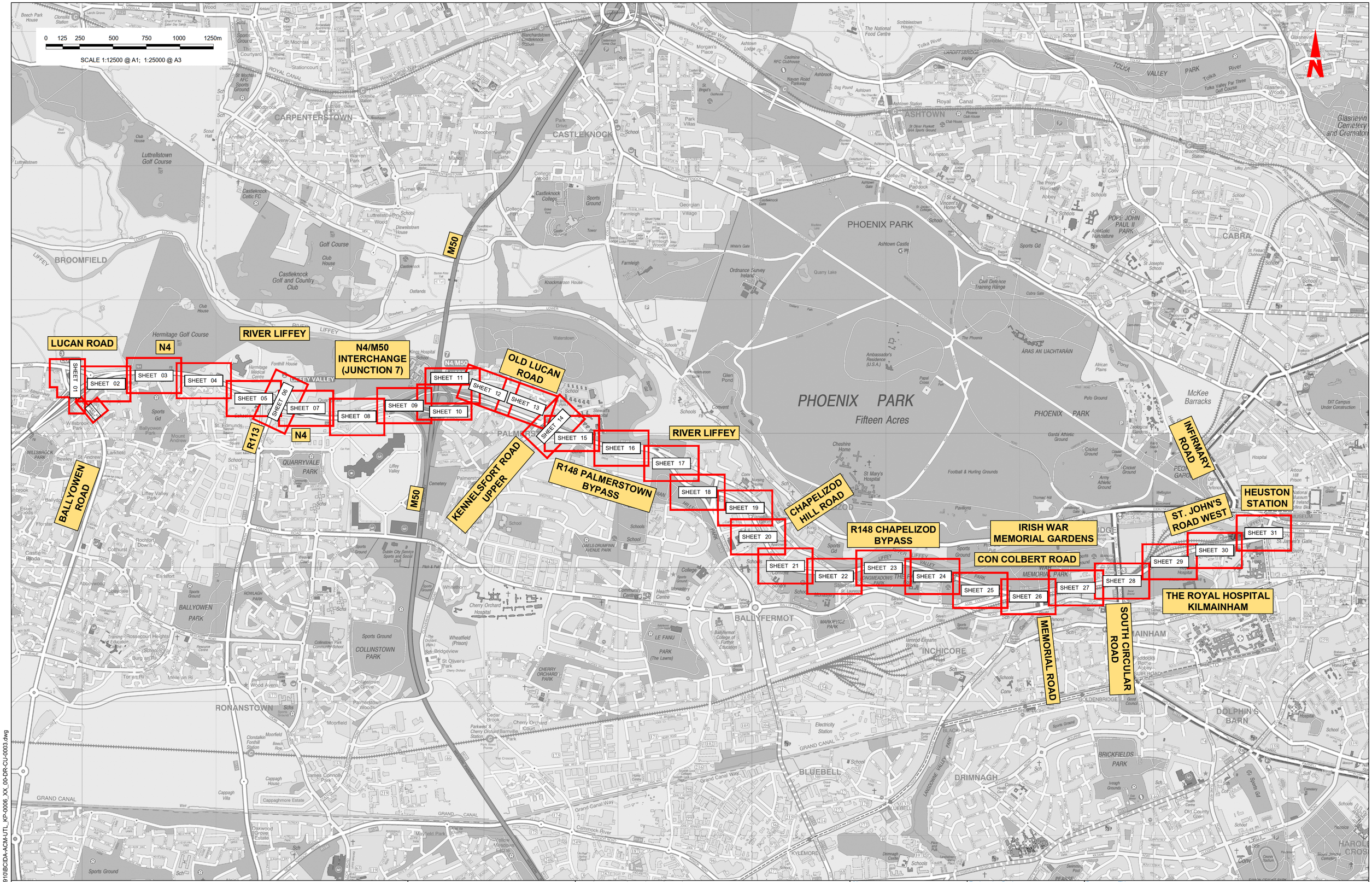

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Client: NTA Údarás Náisiúnta Iompair National Transport Authority

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

Date	Scale	Drawn	Checked	Approved
29/09/22	1:12500 @ A1 1:25000 @ A3	T.NEMYNUSHCHA	M.T. DALE	C.ACTON

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_KP-0006_XX_00-DR-CU-0003	01 of 01	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

CAR PARK

LUCAN RETAIL PARK

R835 LUCAN ROAD

R136 BALLYOWEN ROAD

N4

N4 JUNCTION 3

PROPOSED SCHEME

Tie in to Existing

WILLSBROOK PLACE

WOODVILLE AVENUE

WOODVILLE CLOSE

WOODVILLE GROVE

HERMITAGE VALLEY

HERMITAGE ROAD

SHEET 2
SHEET 1

INSET A

C 200 C 150 C 100 C 50 B 254 B 200 B 150 B 100 B 50 B 0 B1 100 B1 150 B1 200 A 100 A 50 A 0 N 350 N 368

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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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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0001	01 of 31	A	M01

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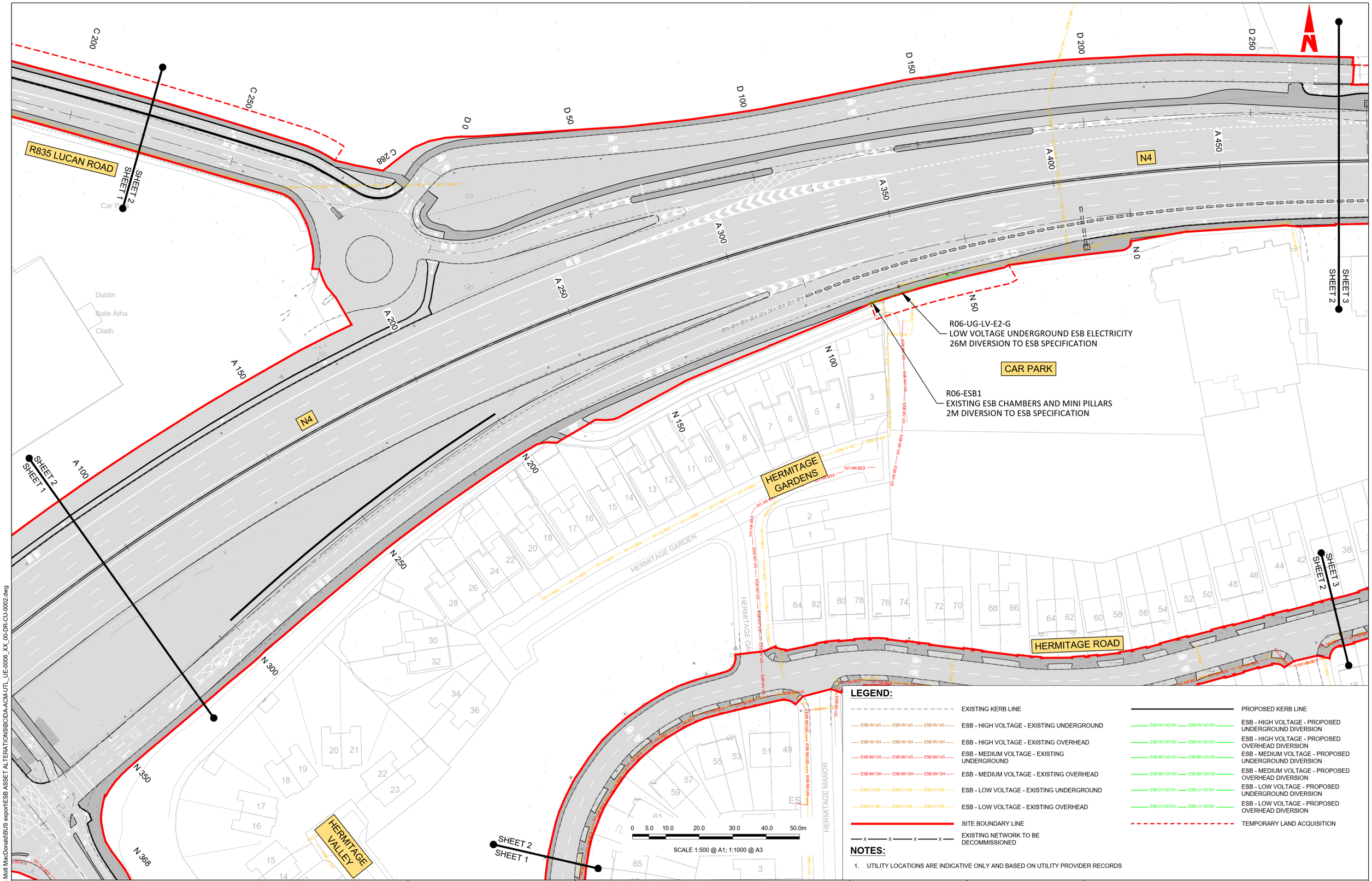

LEGEND:

EXISTING KERB LINE	PROPOSED KERB LINE
ESB HV UG — ESB HV UG — ESB HV UG	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND
ESB HV 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	TEMPORARY LAND ACQUISITION
— x — x — x — x — 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

NOTES:

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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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0002	02 of 31	A	M01

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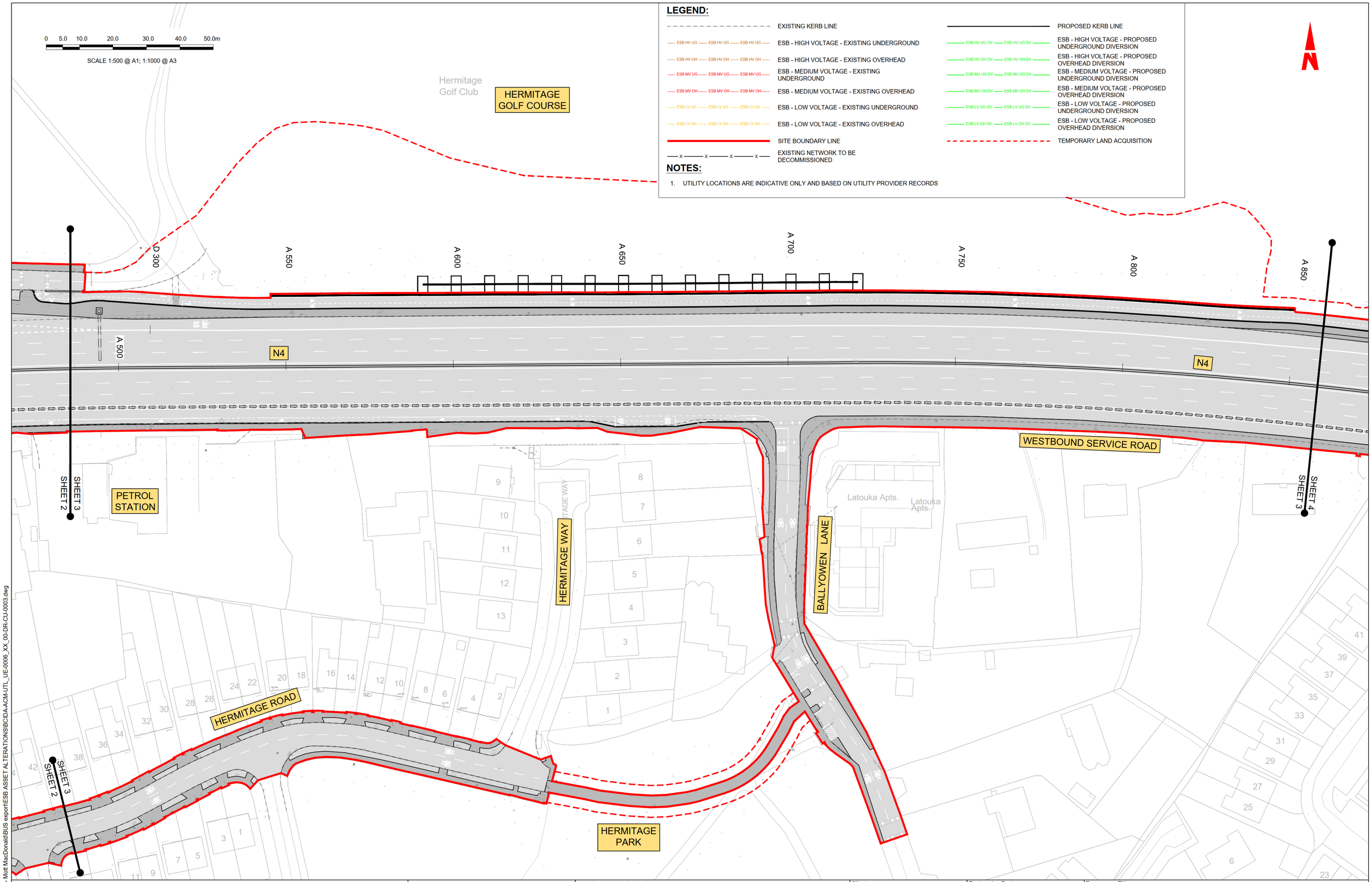

LEGEND:

EXISTING KERB LINE	PROPOSED KERB LINE
ESB HV UG — ESB HV UG — ESB HV UG	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND
ESB HV 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	ESB HV UG DV — ESB HV UG DV — ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
— x — x — x — x — EXISTING NETWORK TO BE DECOMMISSIONED	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 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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0003	03 of 31	A	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

A 850 A 900 A 950 A 1000 A 1050 A 1100 A 1150 A 1200

SHEET 4
SHEET 3

SHEET 5
SHEET 4

N4

Car Park

Dublin
Baile Átha
Cliath

MOUNT ANDREW COURT

MOUNT ANDREW RISE

MOUNT ANDREW CRESCENT

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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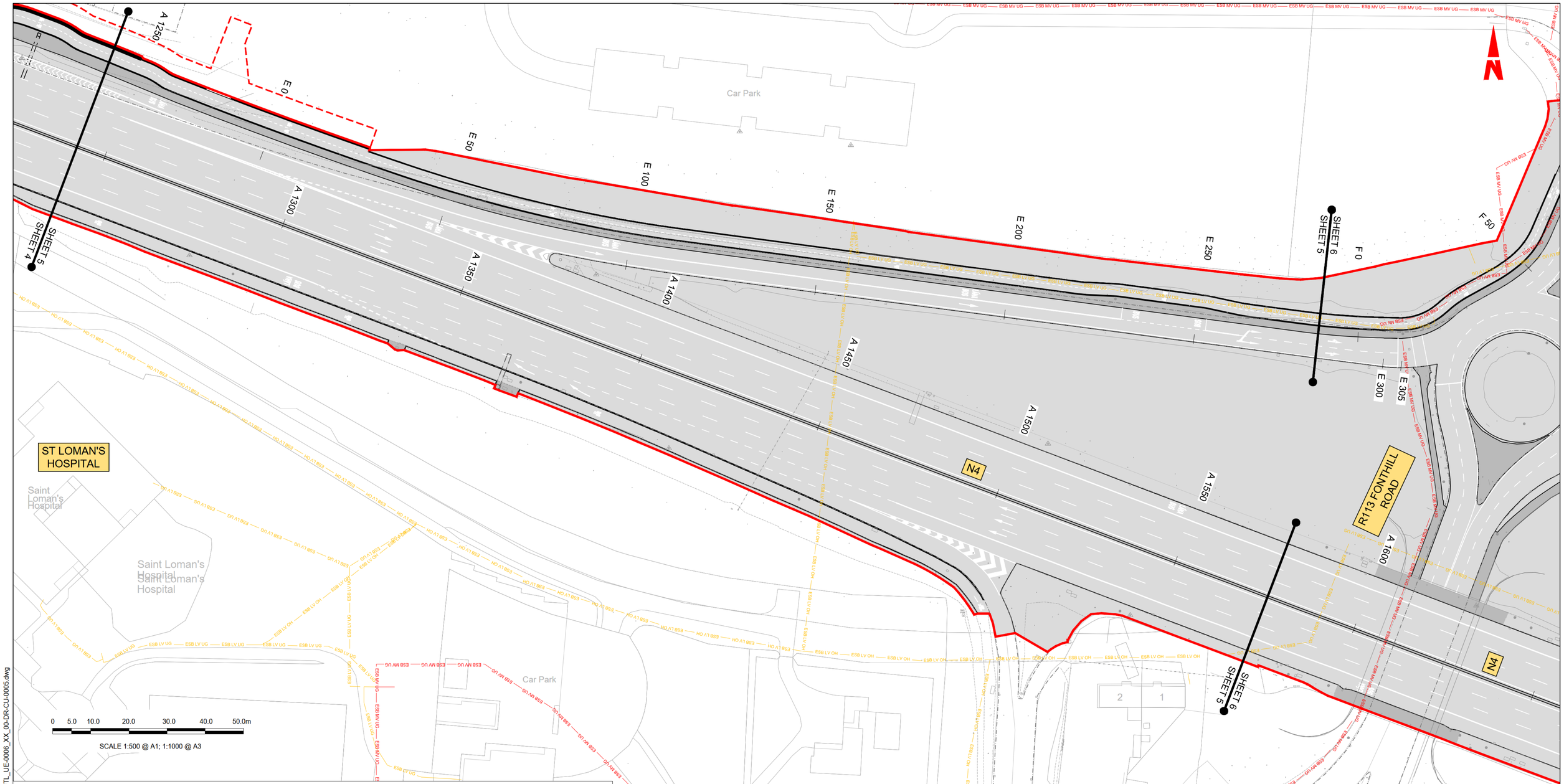

LEGEND:

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:

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

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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	Scale	Drawn	Checked	Approved
29/09/22	1:500 @ A1 1:1000 @ A3	T.NEMYNUSHCHY	M.T.DALE	C.ACTON
Project Code: BCIDA	Originator Code: ACM	QMS Code		

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	Sheet Number	Status	Rev
BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0005	05 of 31	A	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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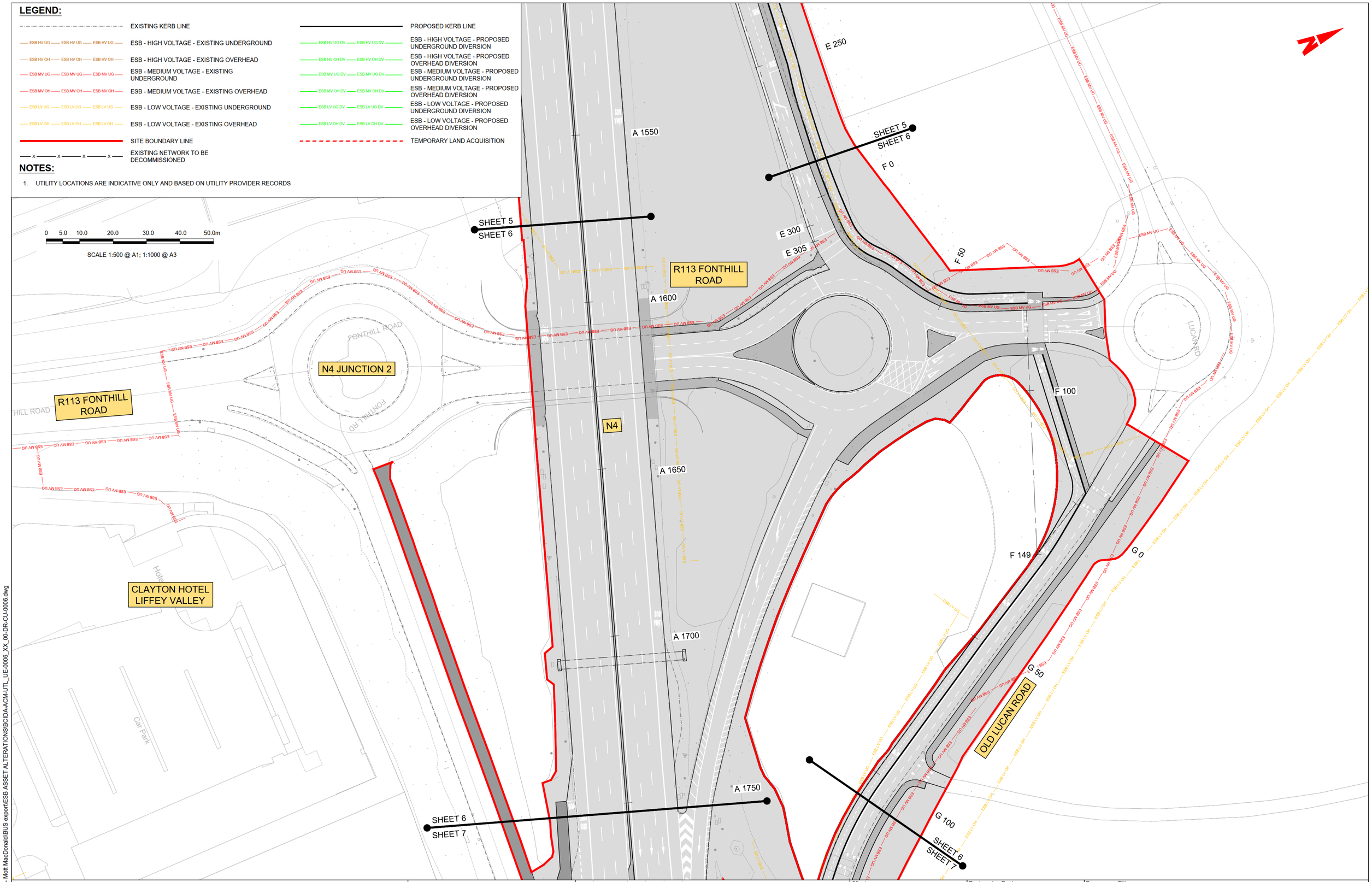

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Rev	Date	Drn	Chk'd	App'd	Description
M01	29/09/22	TN	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client: NTA Údarás Náisiúnta Iompair National Transport Authority

Engineering Designer: AECOM / MOTT MACDONALD

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

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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0006	06 of 31	A	M01

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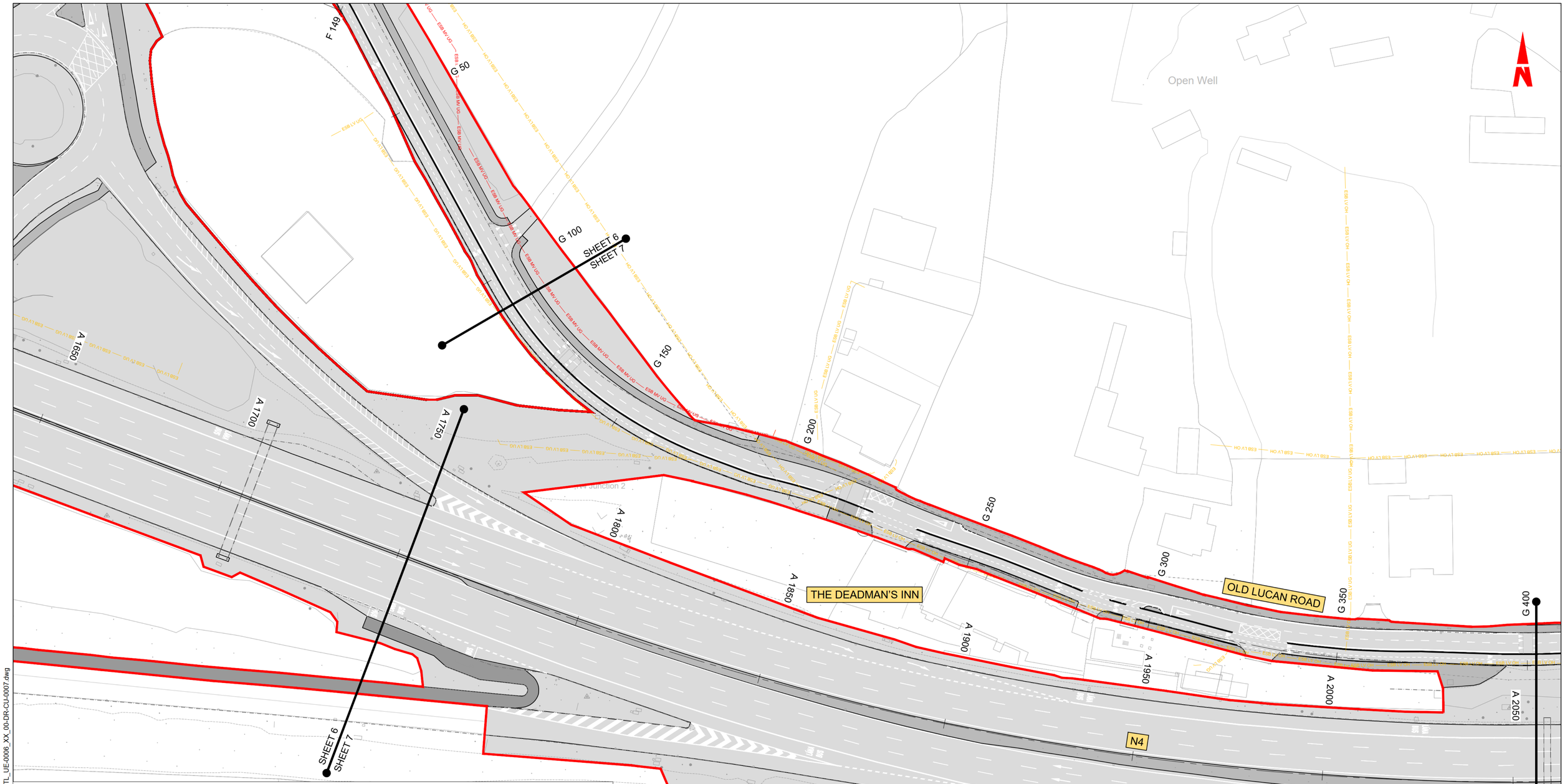

LEGEND:

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 — EXISTING NETWORK TO BE DECOMMISSIONED	

NOTES:

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

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ 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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0007	07 of 31	A	M01

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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

NOTES:

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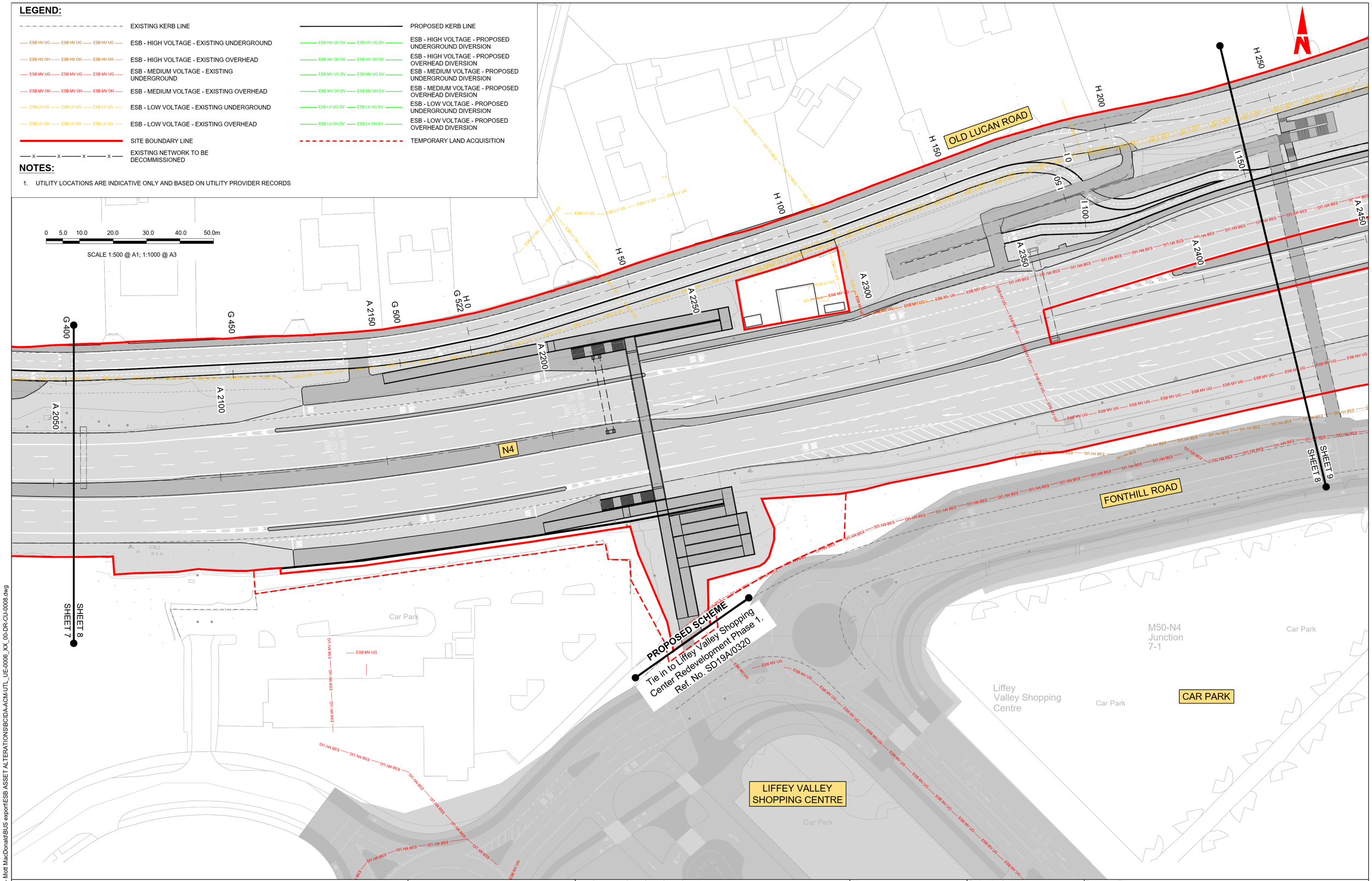
0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ 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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0008	08 of 31	A	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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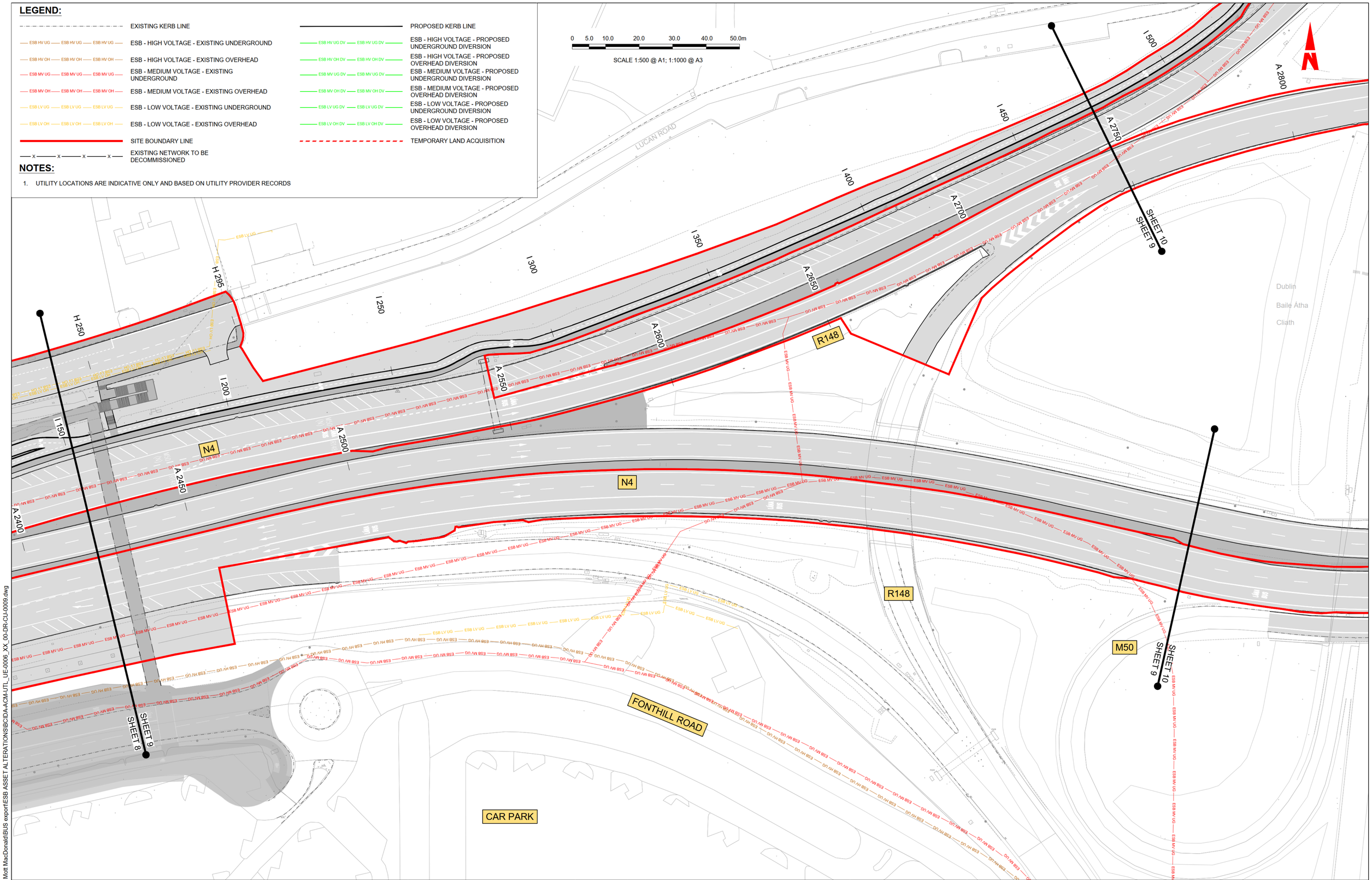
0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ 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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0009	09 of 31	A	M01

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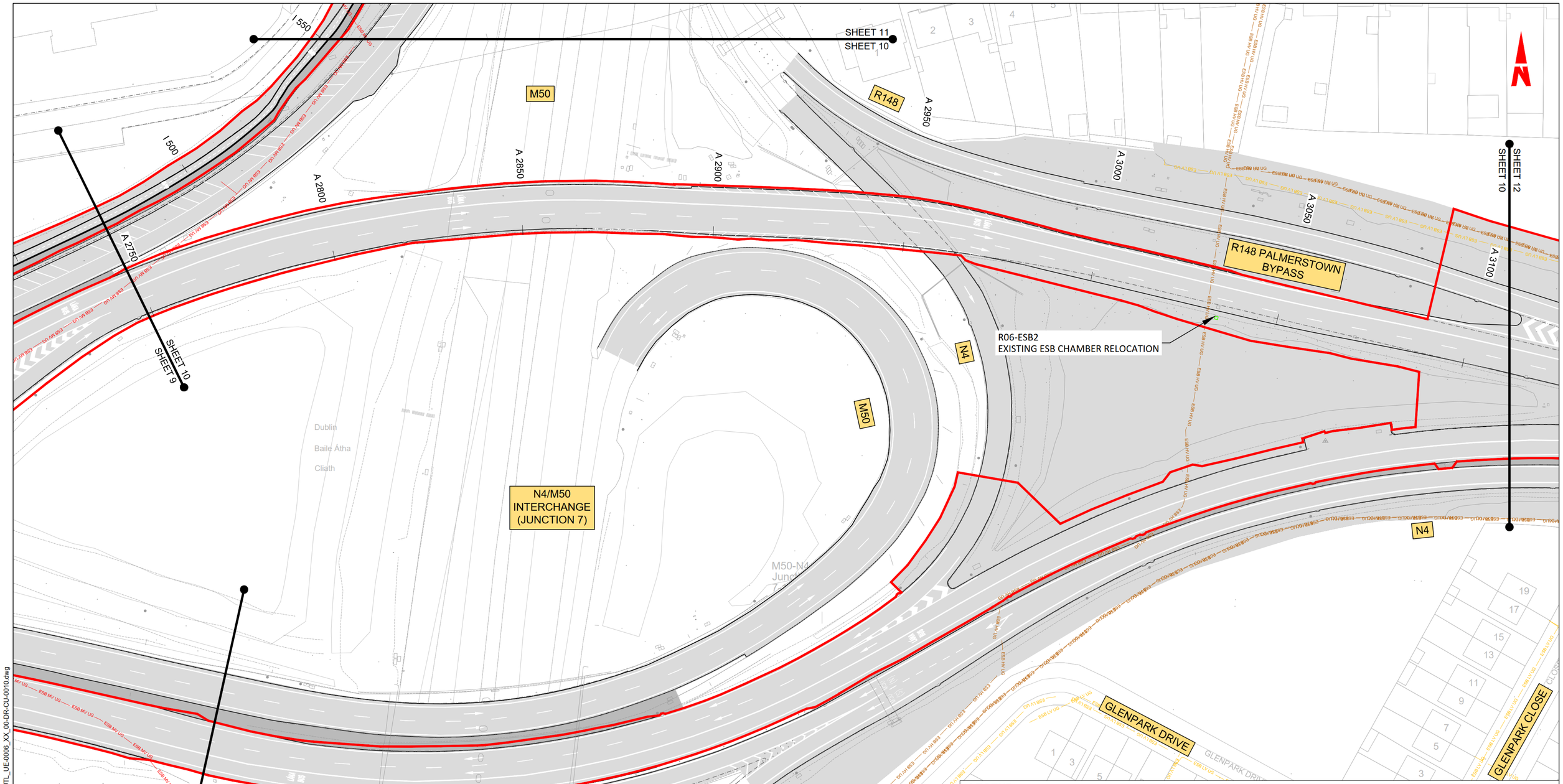

LEGEND:

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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Engineering Designer: AECOM / MOTT MACDONALD

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

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Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0010	10 of 31	A	M01

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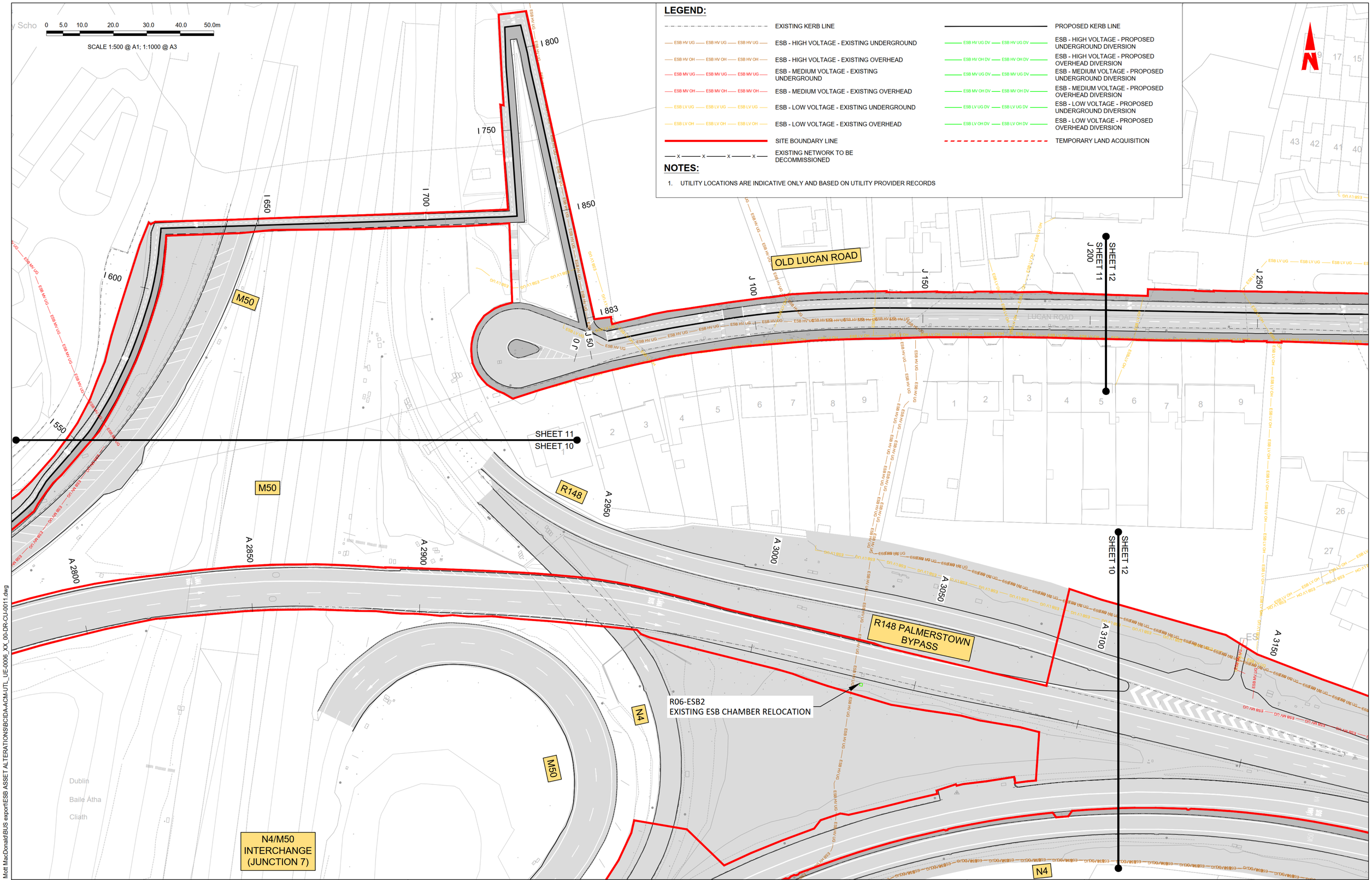

LEGEND:

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 — EXISTING NETWORK TO BE DECOMMISSIONED	

NOTES:

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

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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

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

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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0011	11 of 31	A	M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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

NOTES:

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0 5.0 10.0 20.0 30.0 40.0 50.0m

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

OLD LUCAN ROAD

RIVERSDALE AVENUE

SAINT PHILOMENA'S CHURCH

ST. THOMAS INDIAN ORTHODOX CHURCH

PALMERSTOWN VETERINARY HOSPITAL

SUPERMARKET

HOLLYVILLE LAWN

RIVERSIDE DRIVE

R148 PALMERSTOWN BYPASS

J 200 J 250 J 300 J 350 J 400 J 450 J 500 J 550

A 3050 A 3100 A 3150 A 3200 A 3250 A 3300 A 3350 A 3400

SHEET 11 SHEET 12 SHEET 10 SHEET 13

R06-UG-LV-E12-N
LOW VOLTAGE UNDERGROUND ESB ELECTRICITY AND CHAMBERS
4M DIVERSION & CHAMBER RELOCATION TO ESB SPECIFICATION

R06-UG-MV-E12-A
MEDIUM VOLTAGE UNDERGROUND ESB ELECTRICITY
285M DIVERSION TO ESB SPECIFICATION

R06-ESB2
EXISTING ESB CHAMBER RELOCATION

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Building Ireland's Future

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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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0012	12 of 31	A	M01

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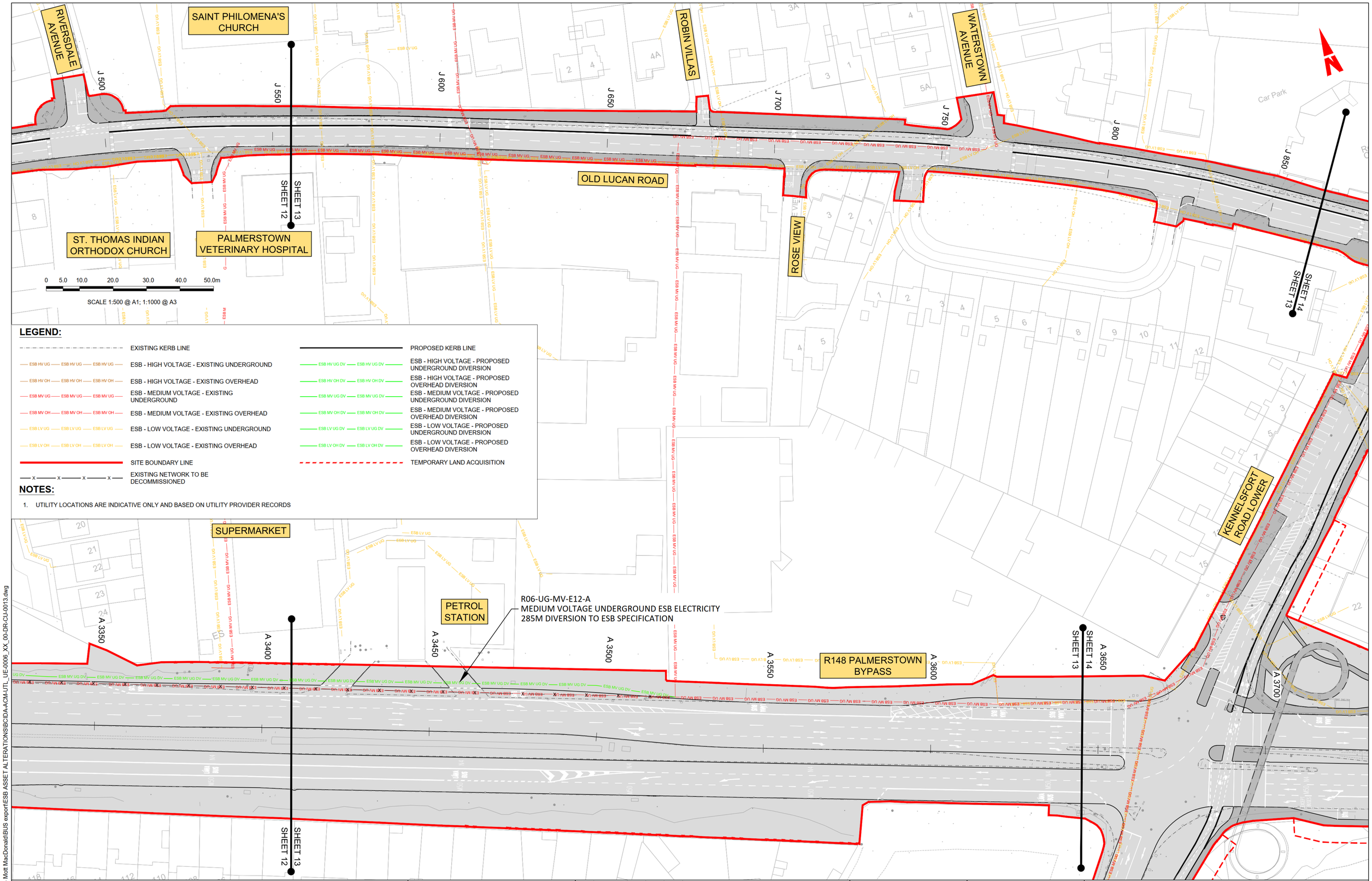

LEGEND:

EXISTING KERB LINE	PROPOSED KERB LINE
ESB HV UG — ESB HV UG — ESB HV UG	ESB - HIGH VOLTAGE - EXISTING UNDERGROUND
ESB HV 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	ESB HV UG DV — ESB HV UG DV — ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
— x — x — x — x — EXISTING NETWORK TO BE DECOMMISSIONED	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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Building Ireland's Future

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

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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0013	13 of 31	A	M01

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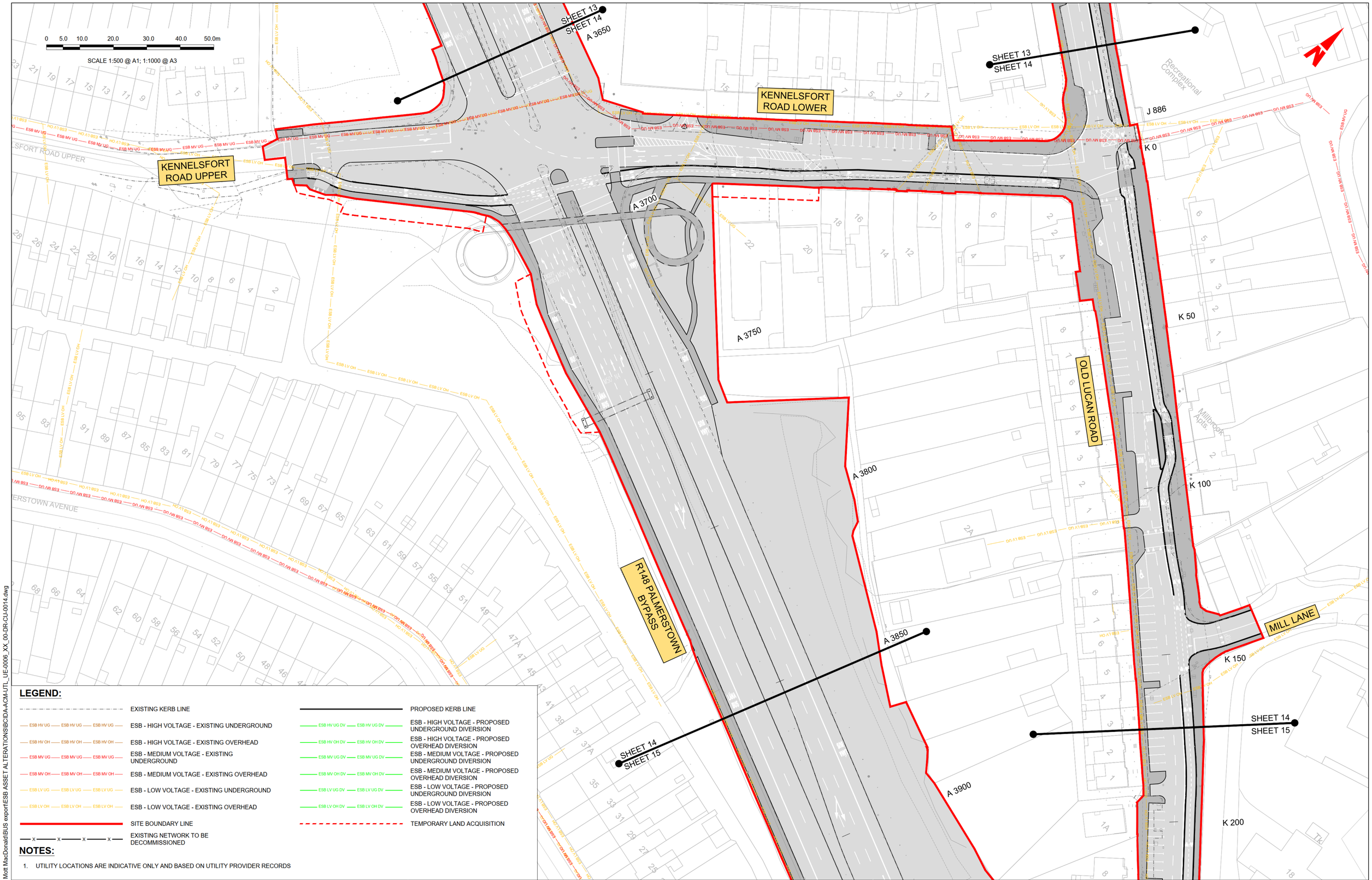

LEGEND:

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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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

Date	Scale	Drawn	Checked	Approved
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Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0014	14 of 31	A	M01

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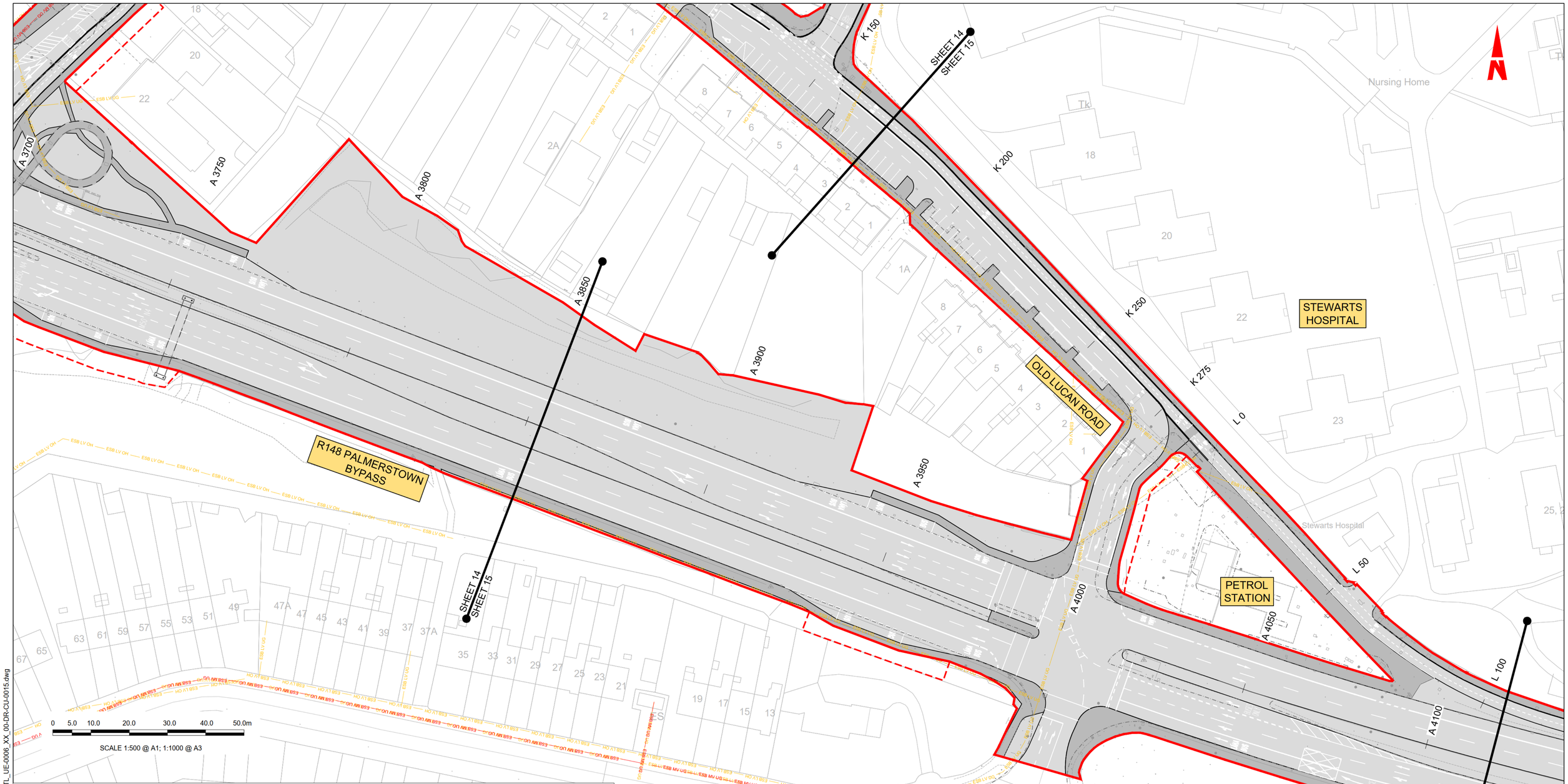

LEGEND:

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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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

Date	Scale	Drawn	Checked	Approved
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Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0015	15 of 31	A	M01

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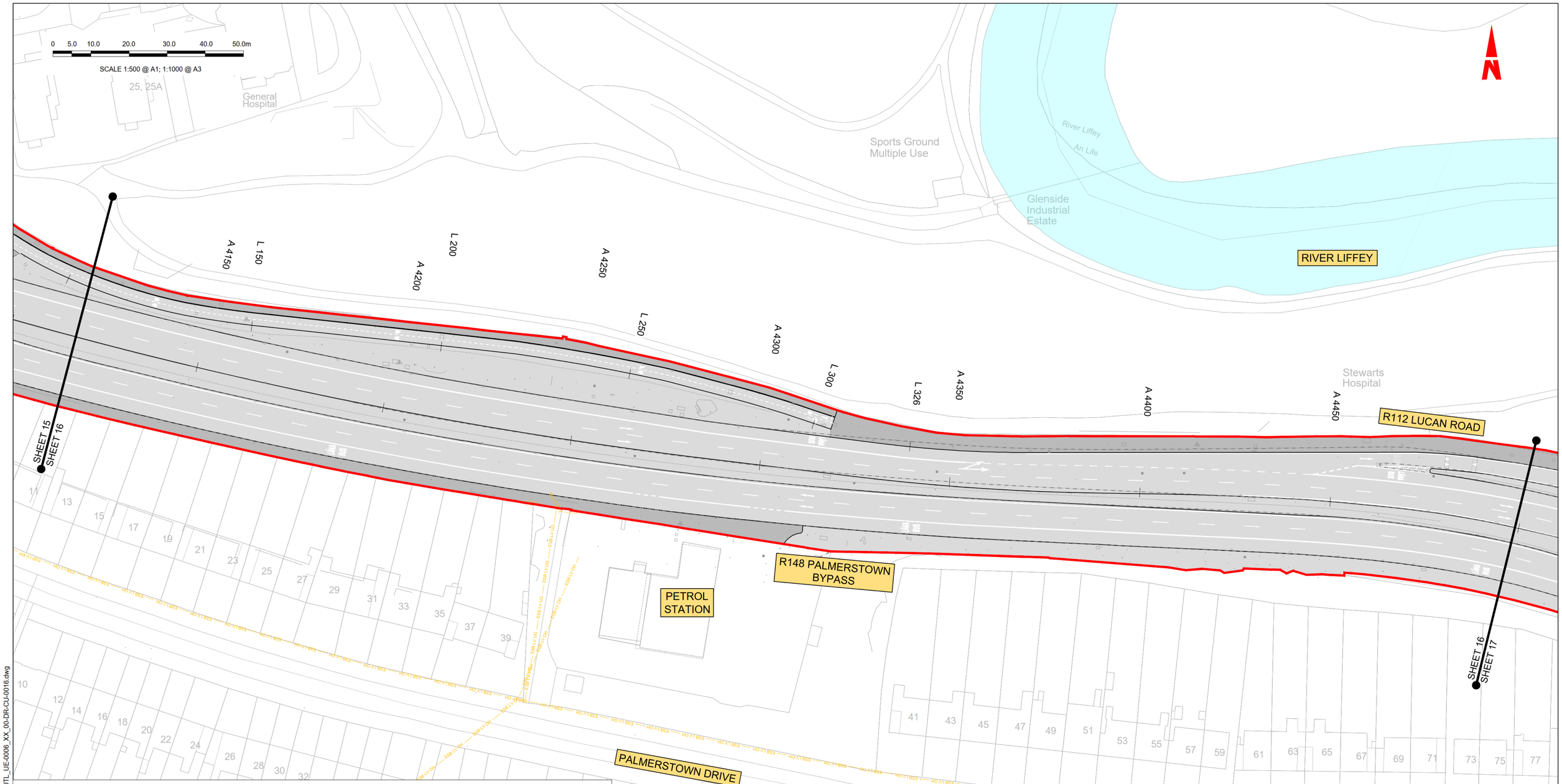

LEGEND:

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

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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0016	16 of 31	A	M01

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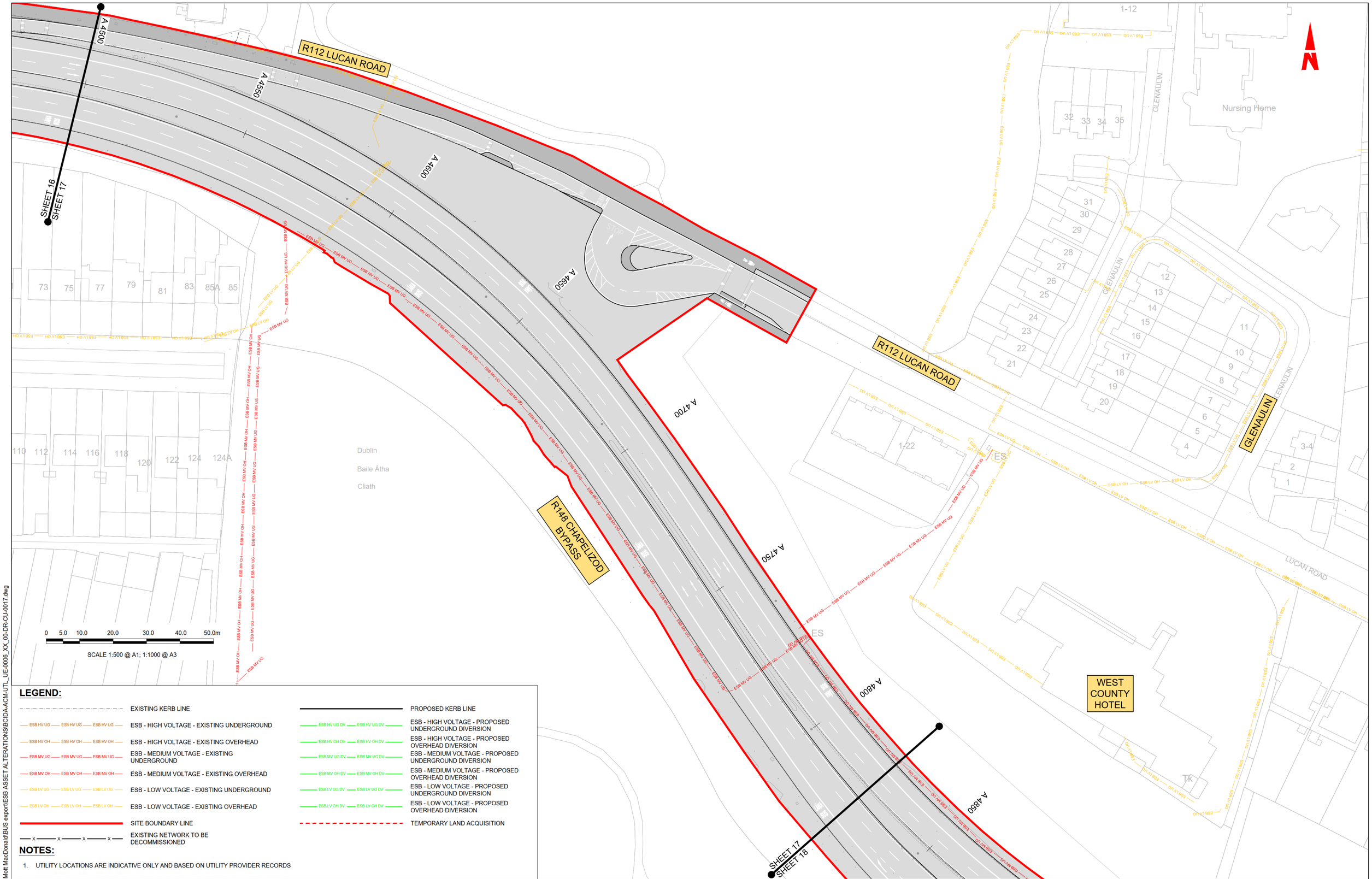

LEGEND:

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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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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0017	17 of 31	A	M01

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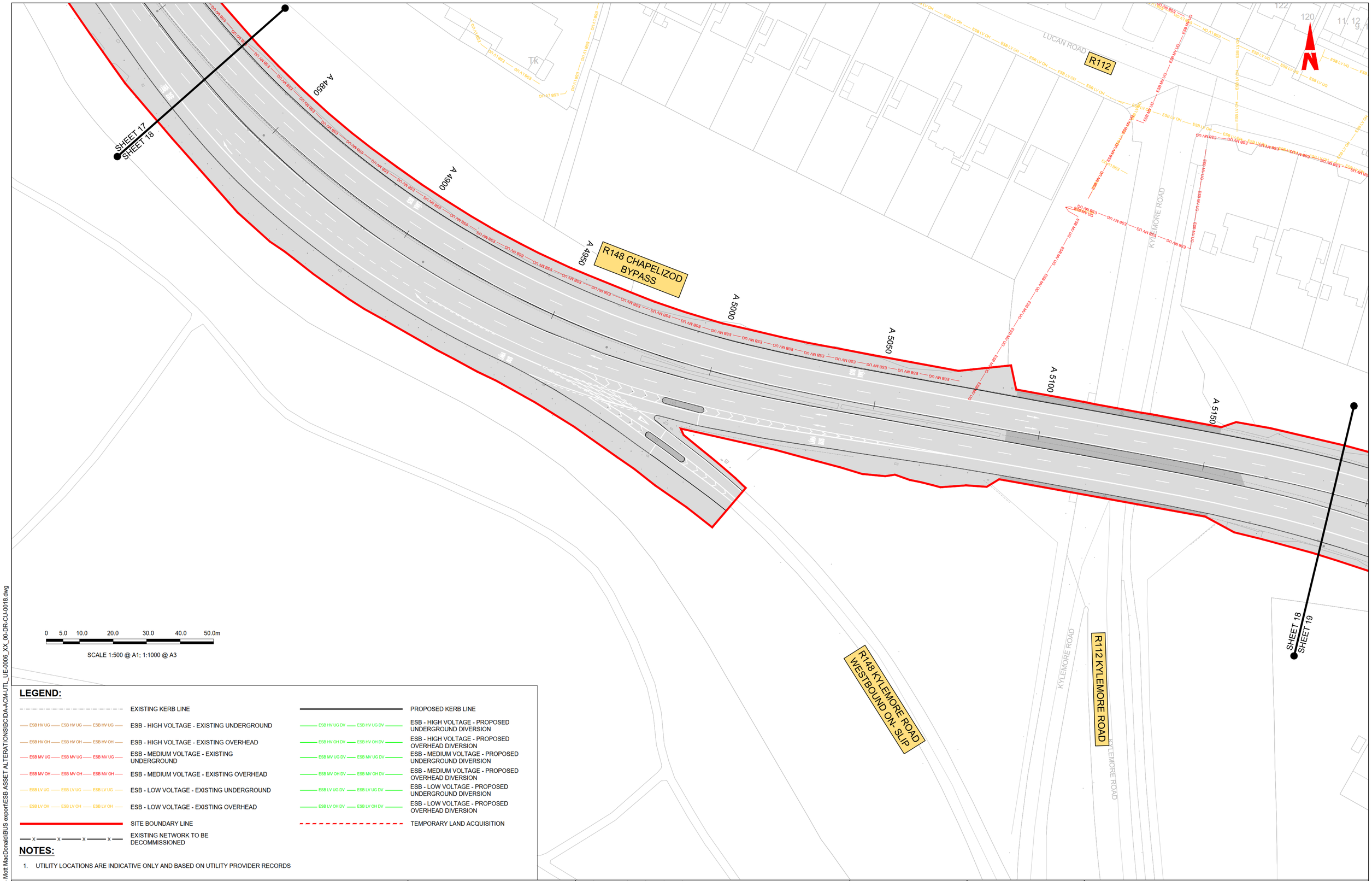

LEGEND:

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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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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0018	18 of 31	A	M01

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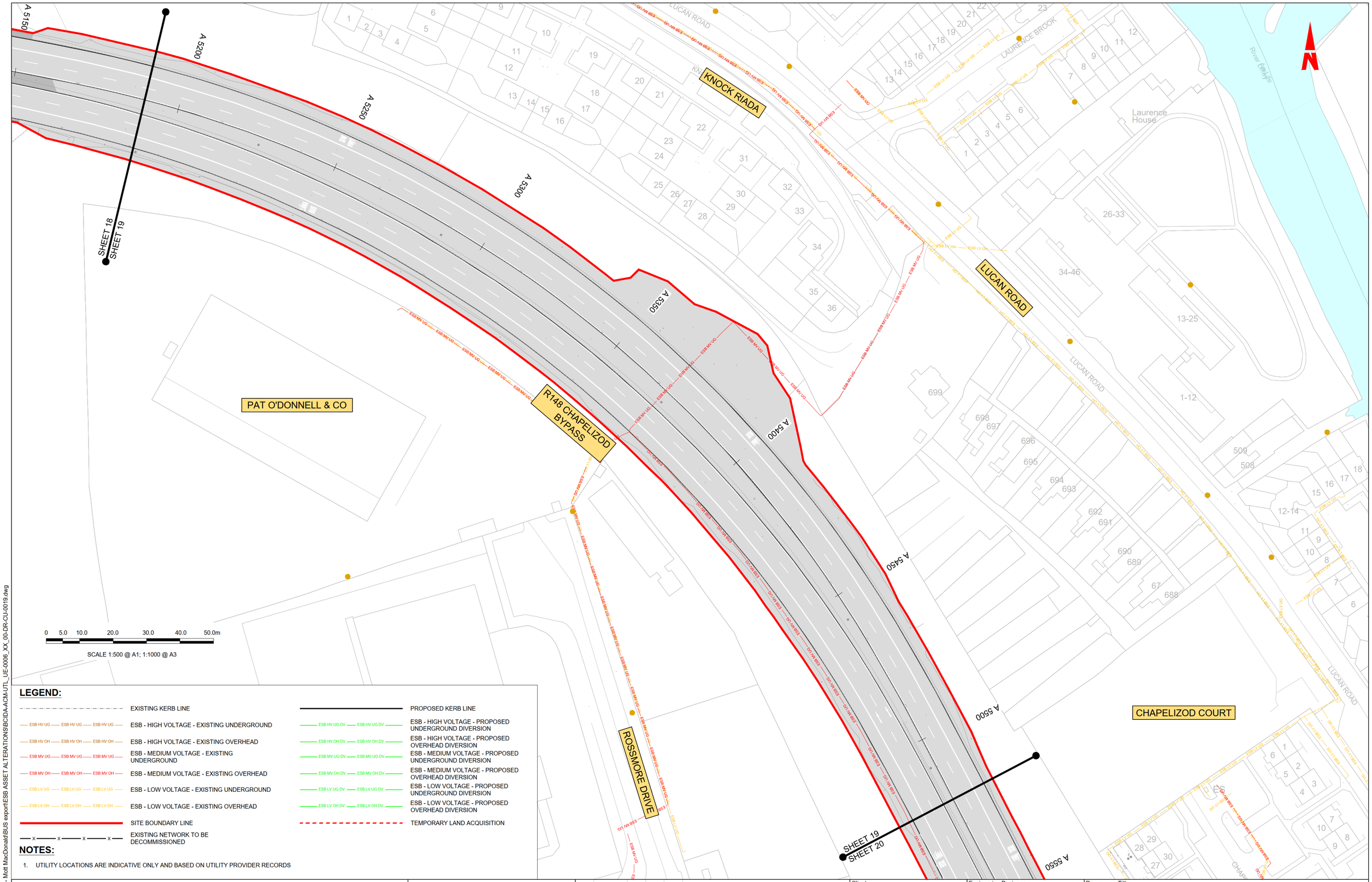

LEGEND:

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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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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0019	19 of 31	A	M01

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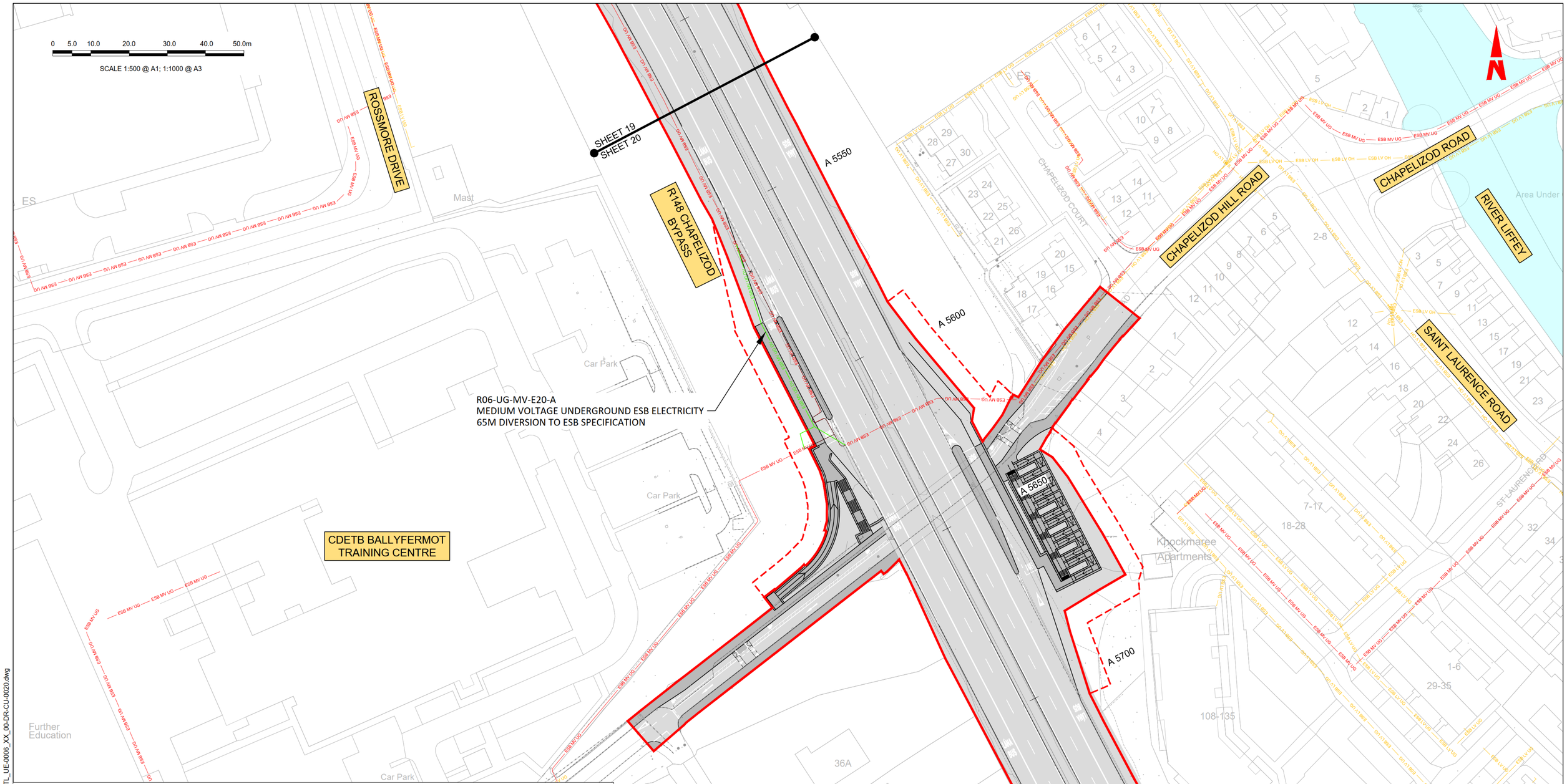

LEGEND:

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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BCIDA	ACM		BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0020	20 of 31	A	M01

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

SHEET 20
SHEET 21

A 5750
A 5800
A 5850
A 5900
A 5950
A 6000
A 6050
A 6100

R148 CHAPELIZOD BYPASS

ST. LAURENCE GROVE

ST. LAURENCE ROAD

SAINT LAURENCE GROVE

SAINT LAURENCE ROAD

CONVENT LAWNS

Saint Dominic's Secondary School

SHEET 21
SHEET 22

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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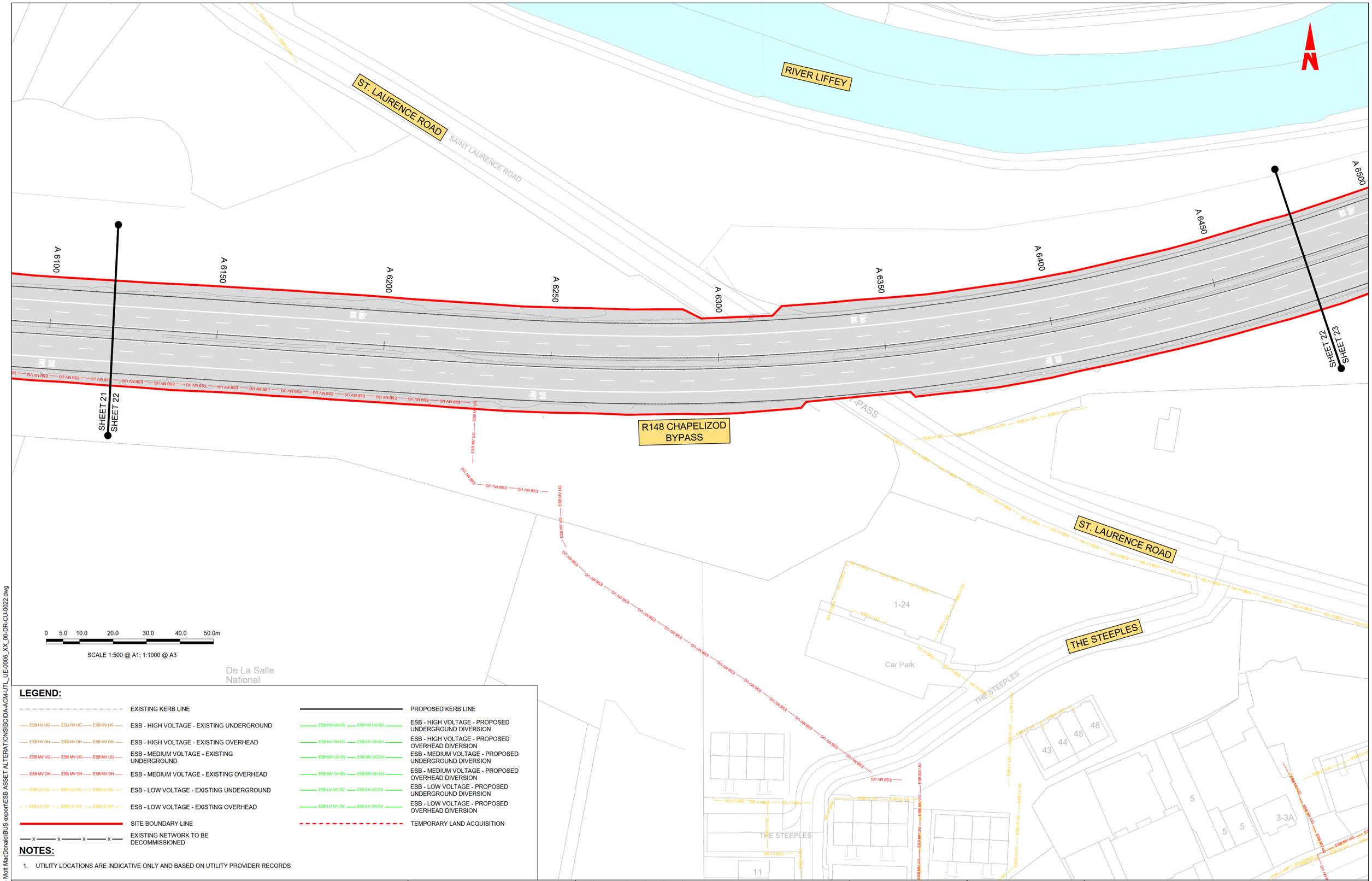

LEGEND:

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
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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:

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

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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

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

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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0022	22 of 31	A	M01

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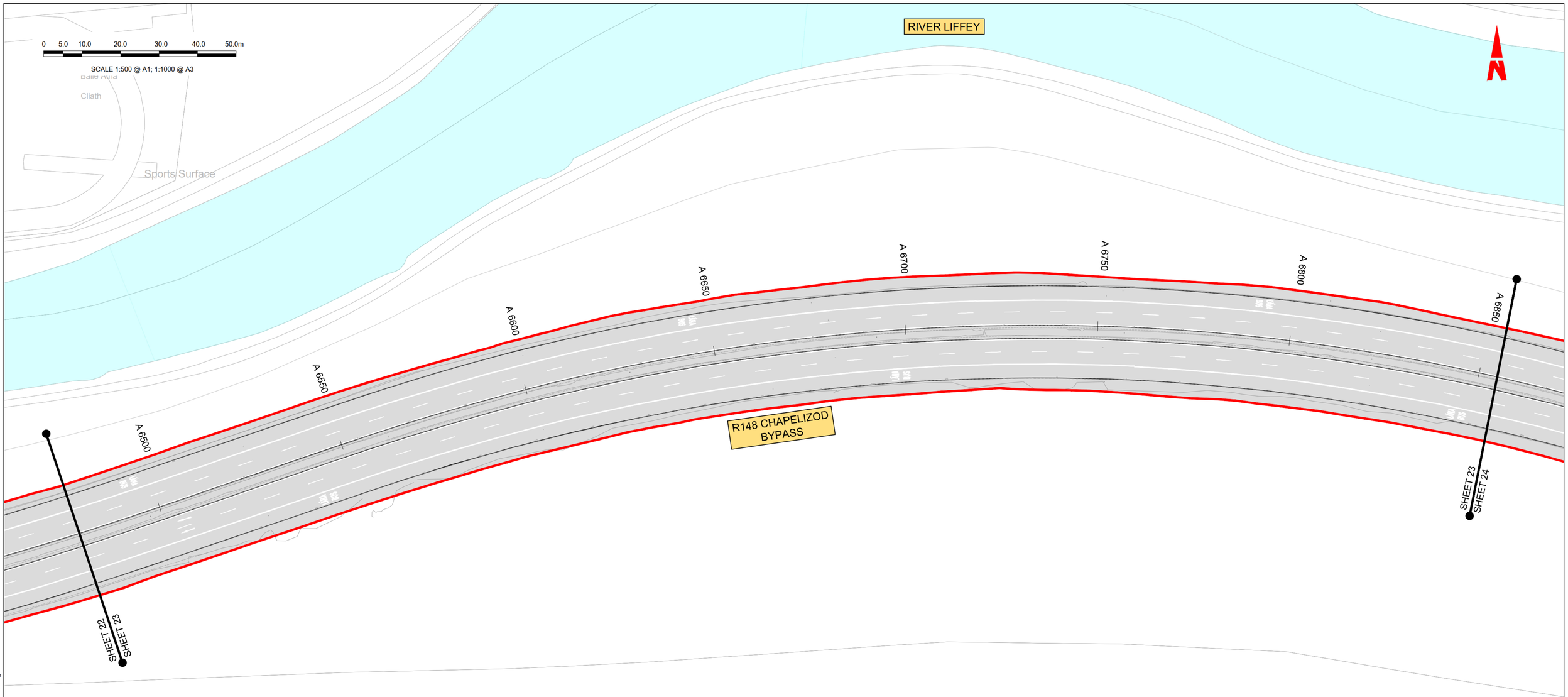

LEGEND:

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

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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0023	23 of 31	A	M01

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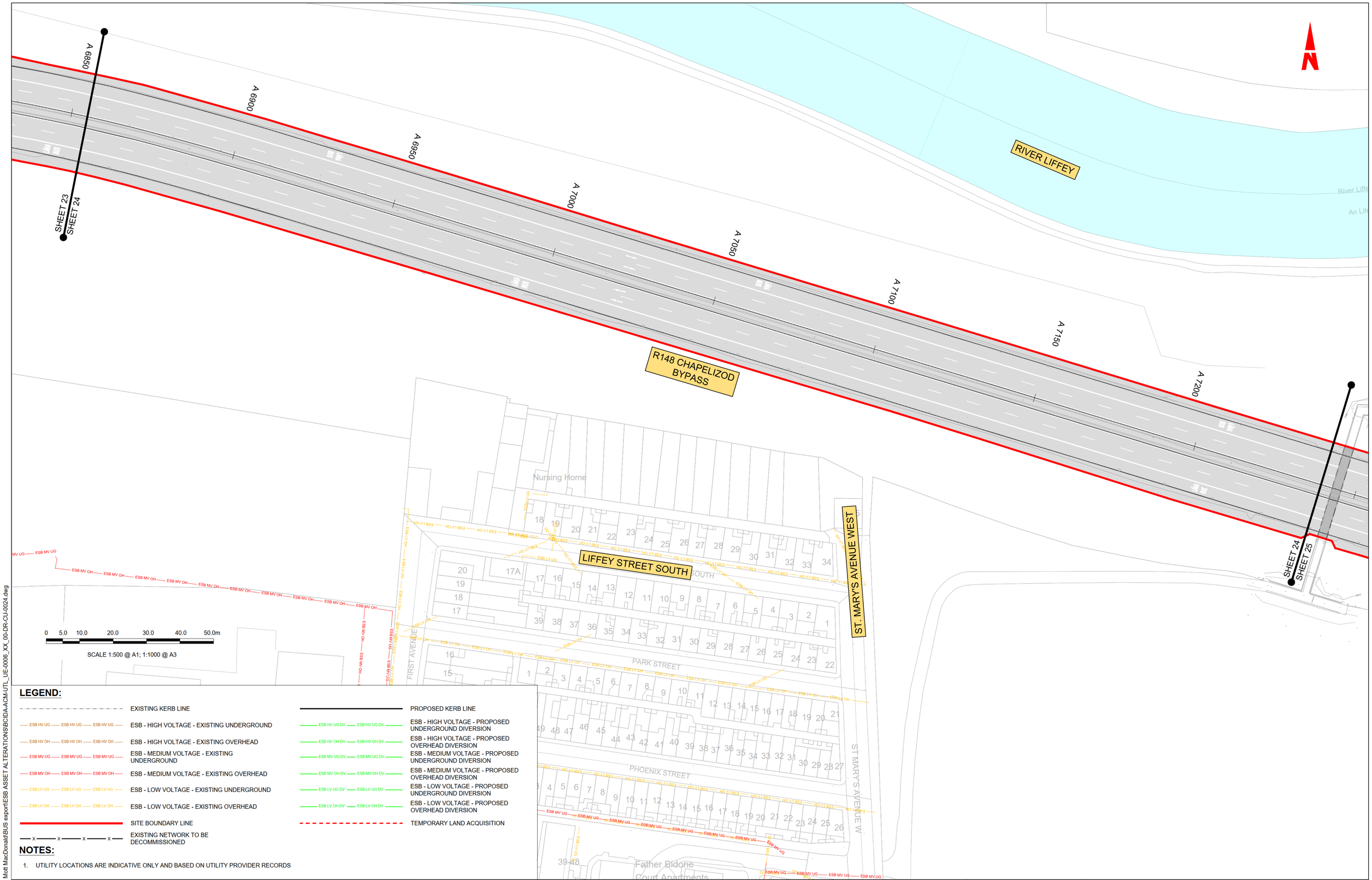

LEGEND:

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

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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0024	24 of 31	A	M01

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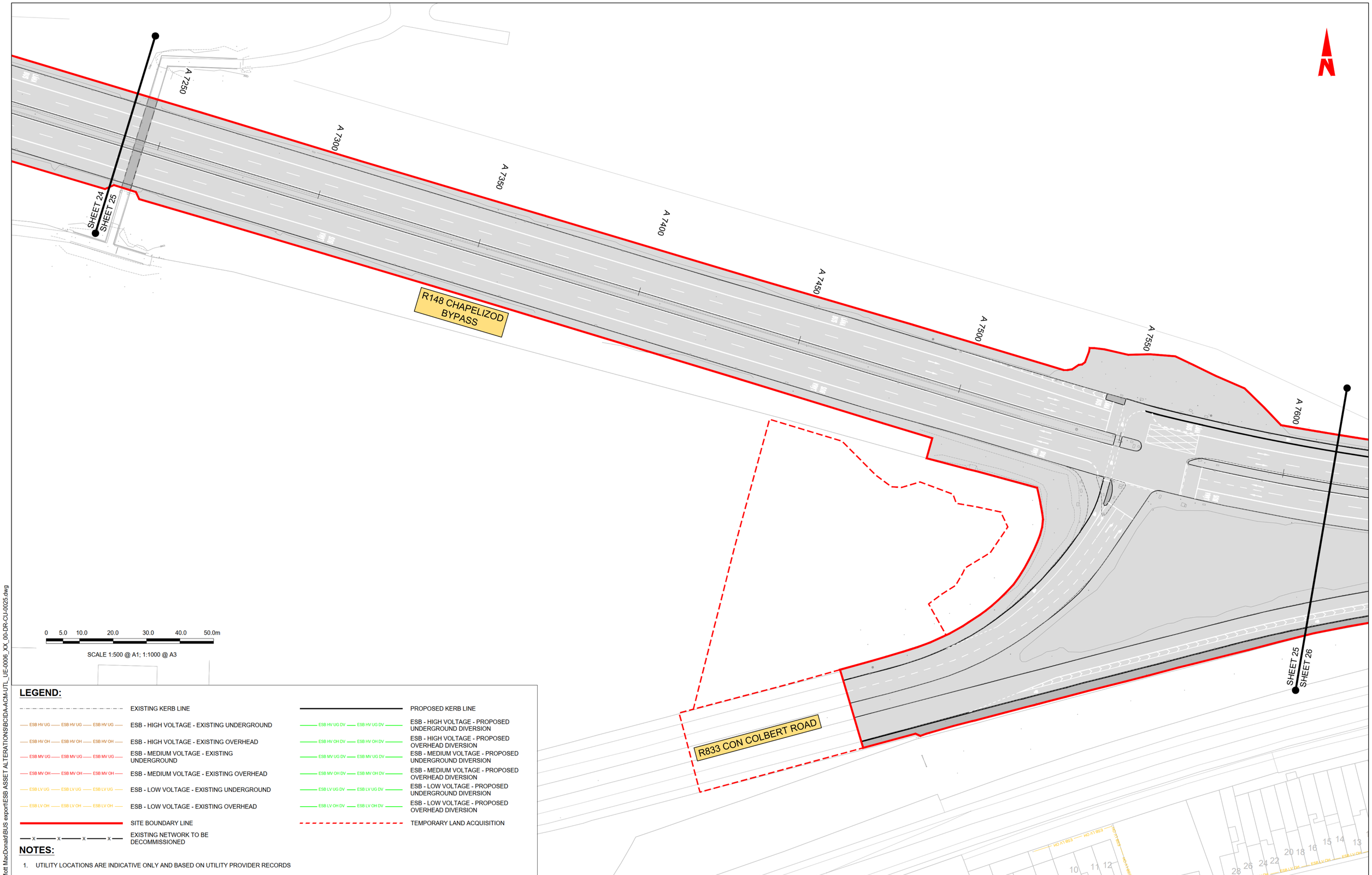

LEGEND:

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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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

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

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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0025	25 of 31	A	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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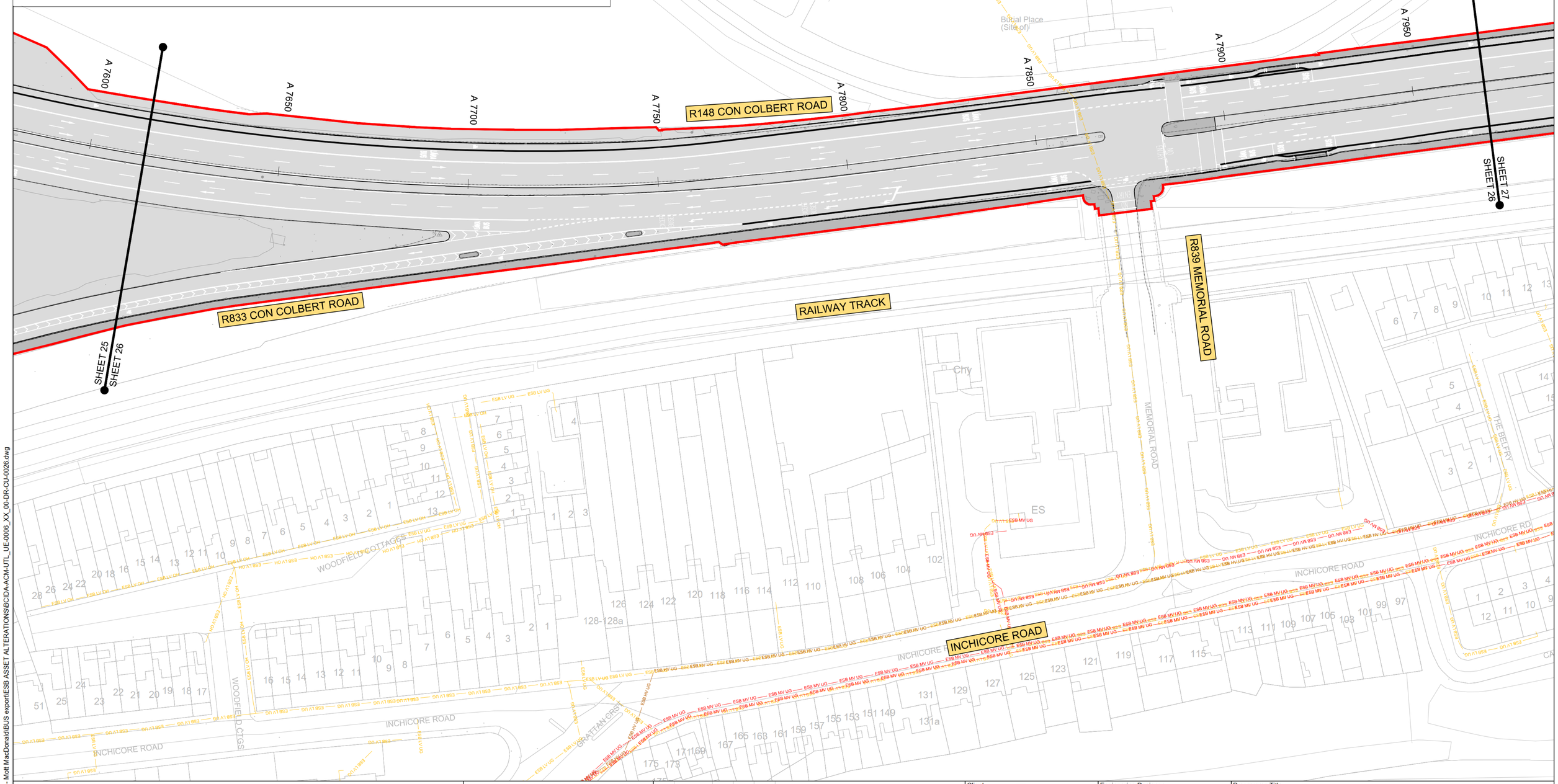
SCALE 1:500 @ A1; 1:1000 @ A3



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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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0026	26 of 31	A	M01

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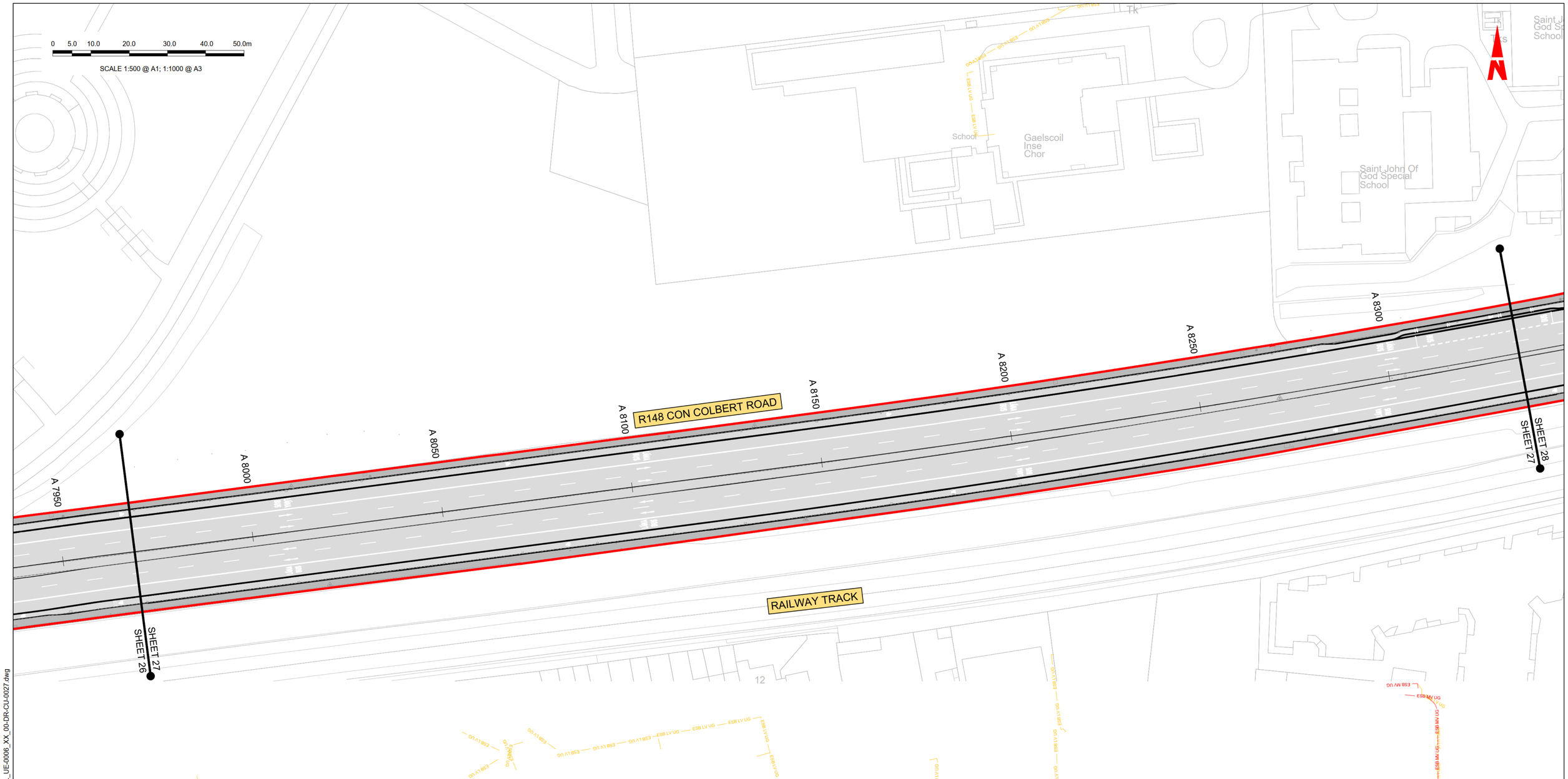

LEGEND:

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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BCIDA	ACM		BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0027	27 of 31	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

R111 SOUTH CIRCULAR ROAD

Recreational Complex

Saint John of God Special School

Tks

Saint John Of God Special School

ST. JOHN OF GOD'S SCHOOL

R06-UG-MV-E28-A
MEDIUM VOLTAGE UNDERGROUND ESB ELECTRICITY
80M DIVERSION TO ESB SPECIFICATION

A 8450

A 8400

A 8350

A 8300

A 8500

A 8550

A 8600

A 8650

A 8700

RAILWAY TRACK

R148 ST. JOHN'S ROAD WEST

SHEET 29
SHEET 28

R148 CON COLBERT ROAD

SHEET 28
SHEET 27

R06-UG-MV-E28-B
MEDIUM VOLTAGE UNDERGROUND ESB ELECTRICITY
55M DIVERSION TO ESB SPECIFICATION

R06-UG-LV-E28-J
LOW VOLTAGE UNDERGROUND ESB ELECTRICITY
55M DIVERSION TO ESB SPECIFICATION

697
695
693
691
689
687
685

Bully's Acre

Royal Hospital Kilmainham

R111 SOUTH CIRCULAR ROAD

LEGEND:

EXISTING KERB LINE	PROPOSED KERB LINE
ESB HV UG — ESB HV UG — ESB HV UG	ESB HV UG DV — ESB HV UG DV — ESB - HIGH VOLTAGE - PROPOSED UNDERGROUND DIVERSION
ESB - HIGH VOLTAGE - EXISTING UNDERGROUND	
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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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

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

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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0028	28 of 31	A	M01

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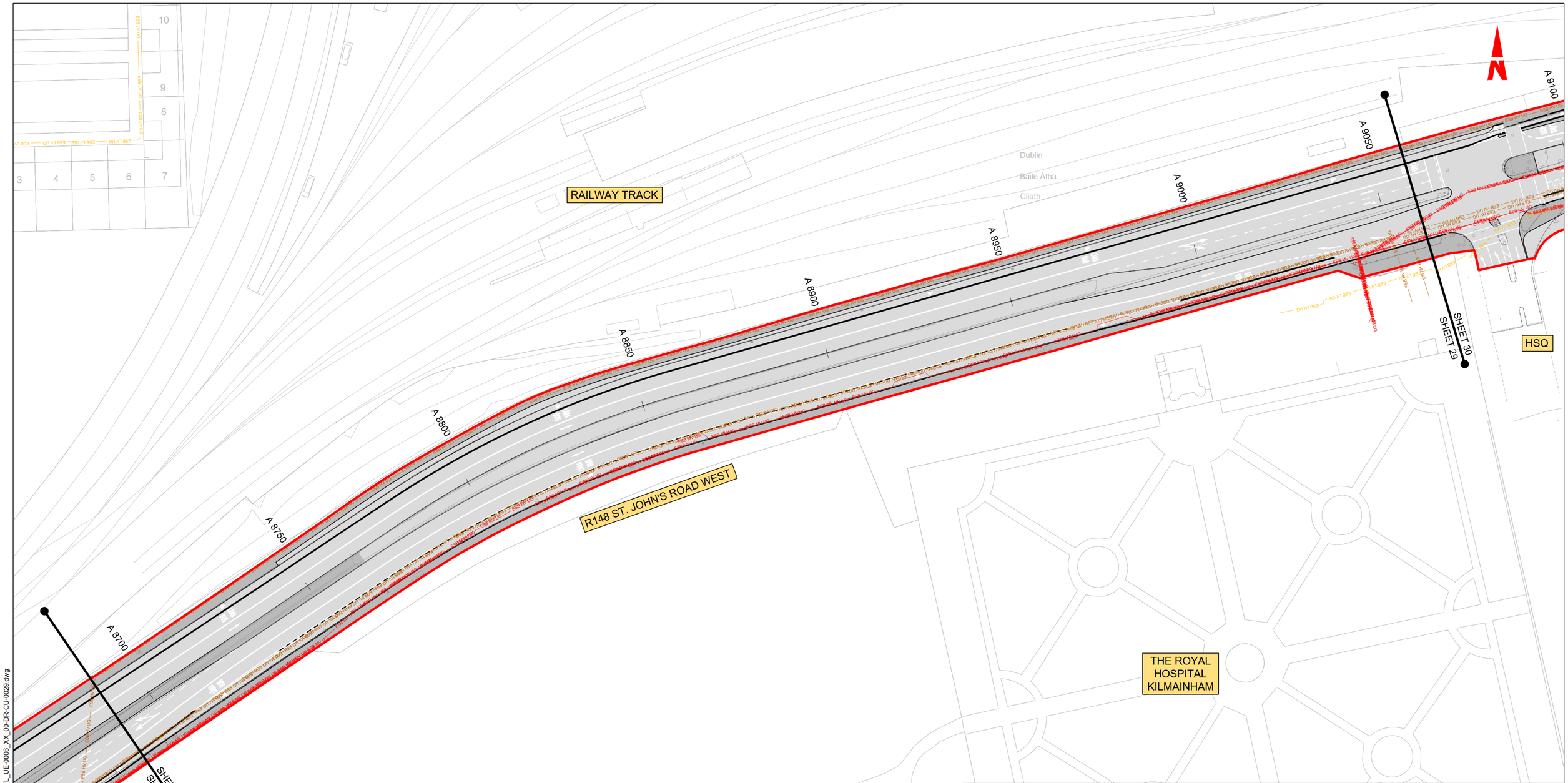

LEGEND:

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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0 5.0 10.0 20.0 30.0 40.0 50.0m

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

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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

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

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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0029	29 of 31	A	M01

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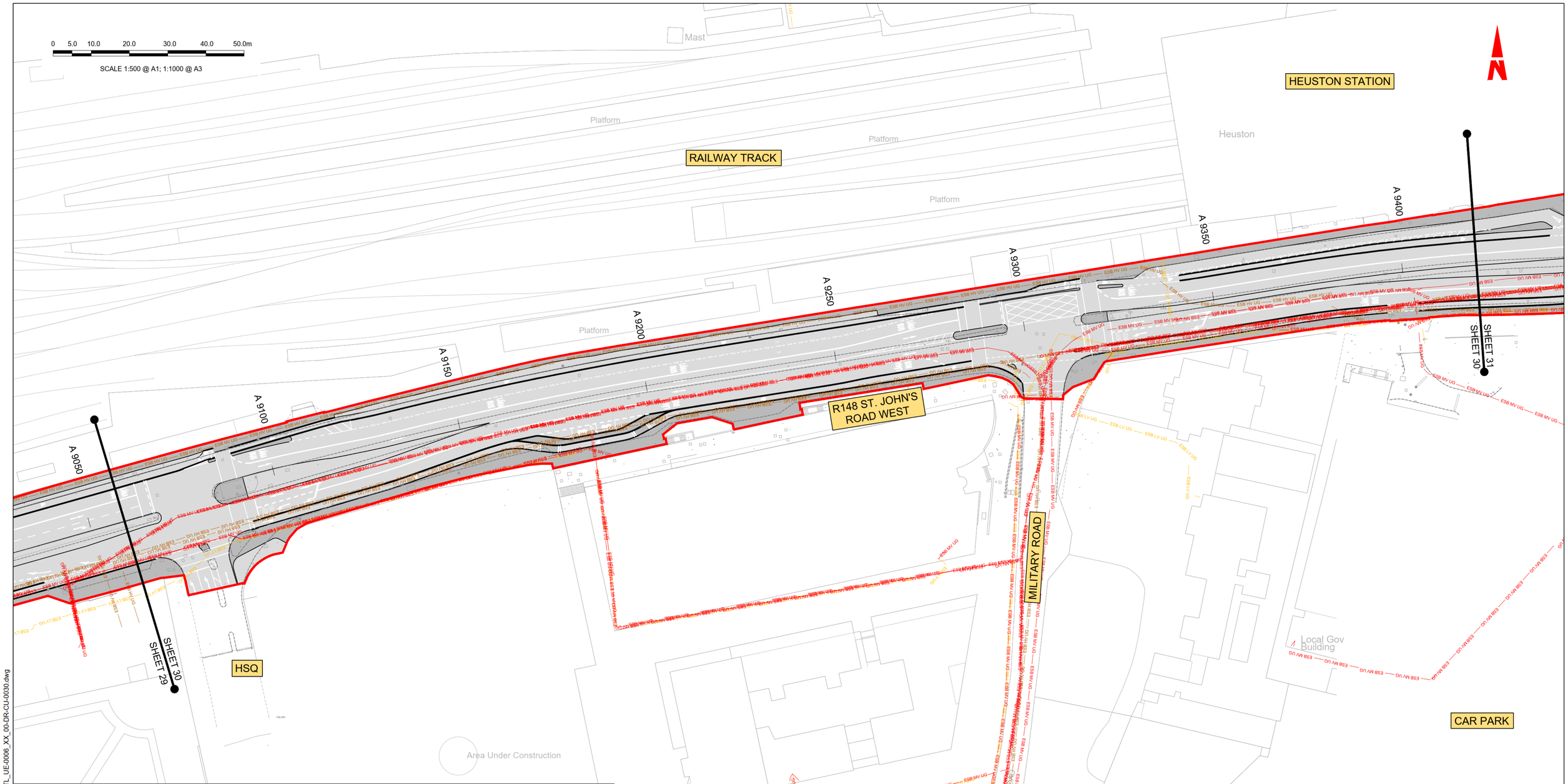

LEGEND:

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 — EXISTING NETWORK TO BE DECOMMISSIONED	

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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

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

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0006_XX_00-DR-CU-0030	30 of 31	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

SEÁN HEUSTON BRIDGE

TEMPLE STREET WEST

CIVIL DEFENCE DEPOT

WOLFE TONE QUAY

FRANK SHERWIN BRIDGE

INTERFACE WITH LIFFEY CYCLE SCHEME TBC

RIVER LIFFEY

A 9694 Tie in to Liffey Cycle Route Scheme

PROPOSED SCHEME

PROPOSED SCHEME

Tie in to Liffey Cycle Route Scheme

R06-UG-HV-E31-G
HIGH VOLTAGE UNDERGROUND ESB ELECTRICITY
TO BE LOWERED IS COVER IS NOT ADEQUATE FOR
FULL DEPTH RECONSTRUCTION

LUAS STOP HEUSTON STATION

VICTORIA QUAY

ST. JOHN'S ROAD WEST

HEUSTON STATION

ST. JAMES'S GATE BREWERY

A 9650

A 9600

A 9550

A 9500

A 9450

ST. JOHN'S ROAD WEST

SHEET 30

SHEET 31

R06-UG-MV-E31-D
MEDIUM VOLTAGE UNDERGROUND ESB ELECTRICITY
80M DIVERSION TO ESB SPECIFICATION

R06-UG-LV-E31-AB
LOW VOLTAGE UNDERGROUND ESB ELECTRICITY
80M DIVERSION TO ESB SPECIFICATION

STEEVEN'S LANE

DR. STEEVENS' HOSPITAL

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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Engineering Designer: AECOM / MOTT MACDONALD

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