Appendix B13
ESB Asset Alterations

BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

CLONGRIFFIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME

ESB ASSET ALTERATIONS

DRAWING SERIES NUMBER(S)	DRAWING SERIES DESCRIPTION
BCIDA-ACM-UTL_IX-0001_XX_00-DR-CR-0005	CLONGRIFFIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. ESB ASSET ALTERATIONS. COVER SHEET
BCIDA-ACM-UTL_KP-0001_XX_00-DR-CR-0003	CLONGRIFFIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. ESB ASSET ALTERATIONS. KEY PLAN
BCIDA-ACM-UTL_UE-0001_XX_00-DR-CR-0006 to 0021	CLONGRIFFIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. ESB ASSET ALTERATIONS

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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/12/21	PP	JH	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: CLONGRIFFIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS COVER SHEET

Date	Scale	Drawn	Checked	Approved
06/12/21	NTS @ A1 NTS @ A3	P.POCZATKO	J.HAWE	C.ACTON

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_IX-0001_XX_00-DR-CU-0005	01 of 01	A	M01

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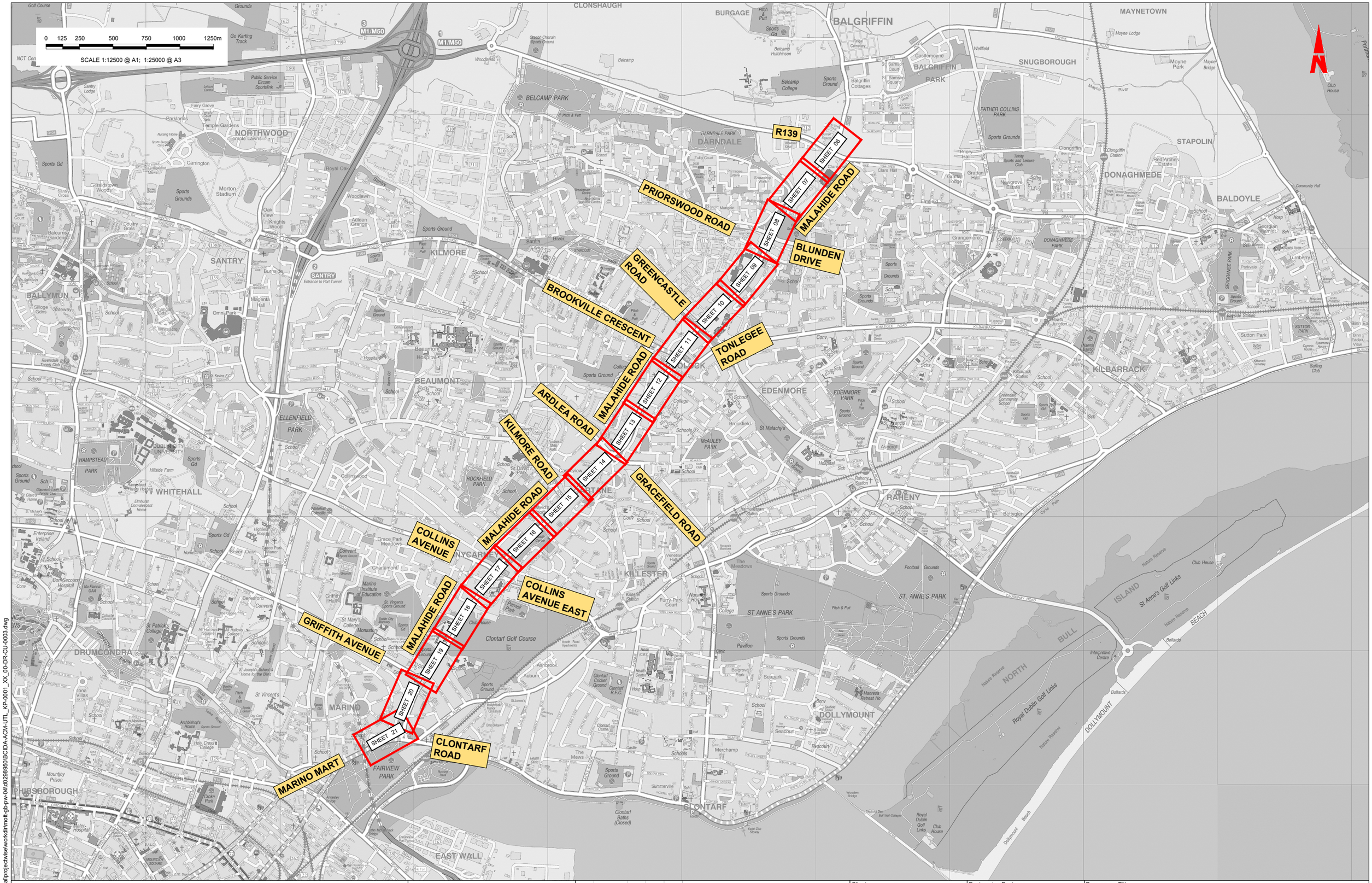

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Engineering Designer: AECOM / MOTT MACDONALD

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

Drawing Title: CLONGRIFFIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS KEY PLAN

Date	Scale	Drawn	Checked	Approved
06/12/21	1:12500 @ A1 1:25000 @ A3	P.POCZATKO	J.HAWE	C.ACTON

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_KP-0001_XX_00-DR-CU-0003	01 of 01	A	M01

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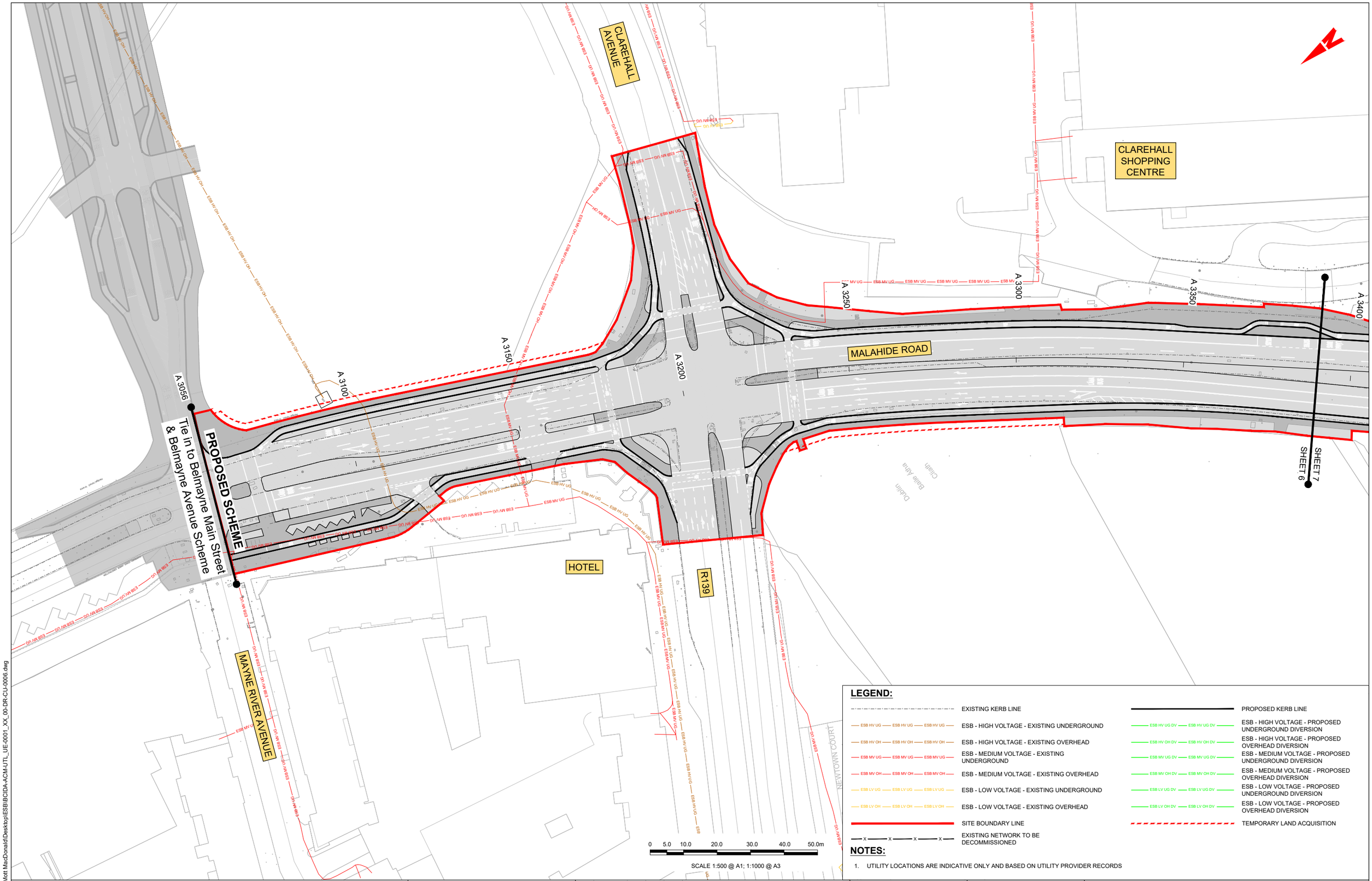

LEGEND:

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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Engineering Designer: AECOM / MOTT MACDONALD

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

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

Date	Scale	Drawn	Checked	Approved
06/12/21	1:500 @ A1 1:1000 @ A3	P.POCZATKO	J.HAWE	C.ACTON

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0001_XX_00-DR-CU-0006	06 of 21	A	M01

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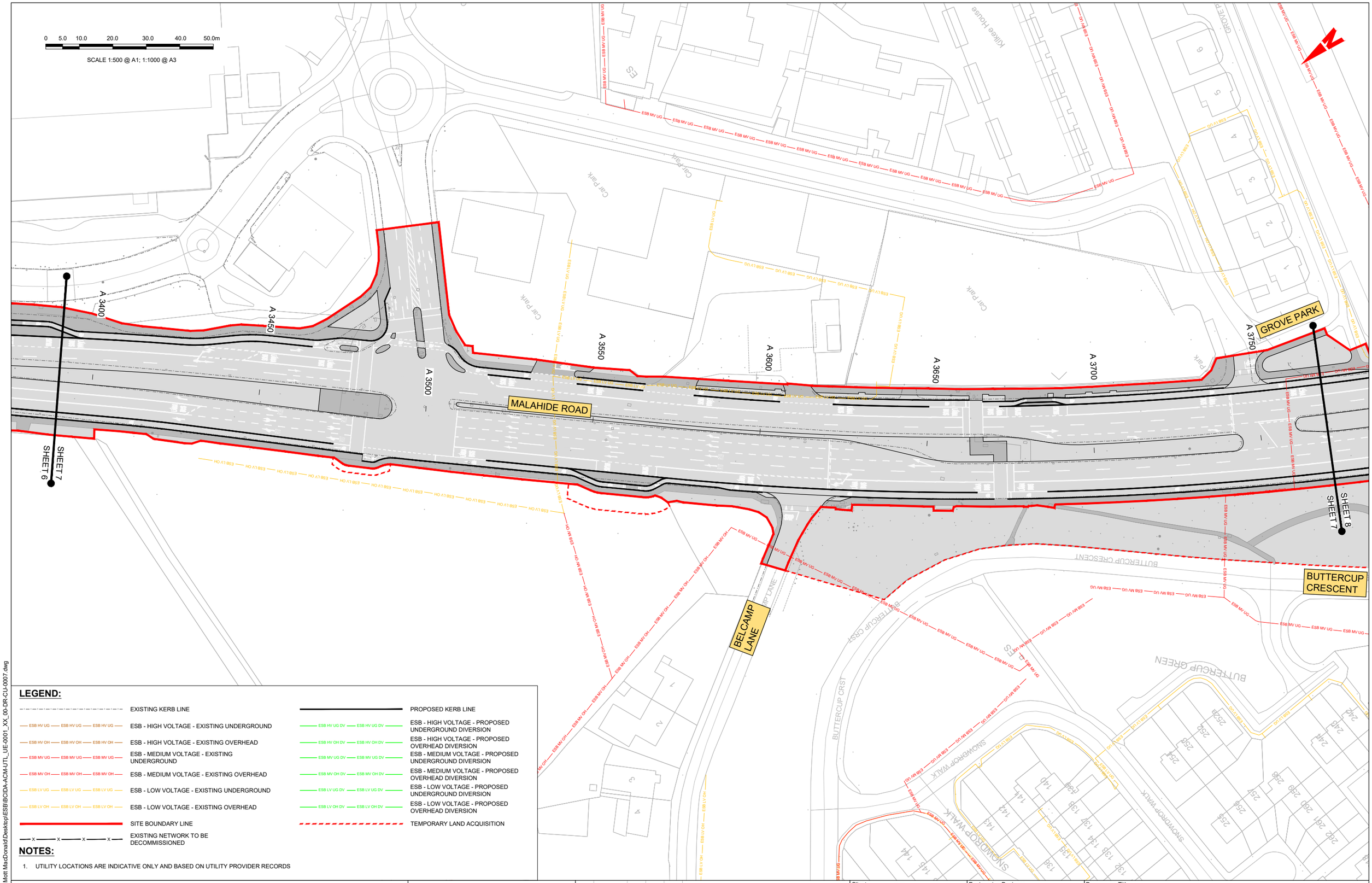

LEGEND:

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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LEGEND:

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

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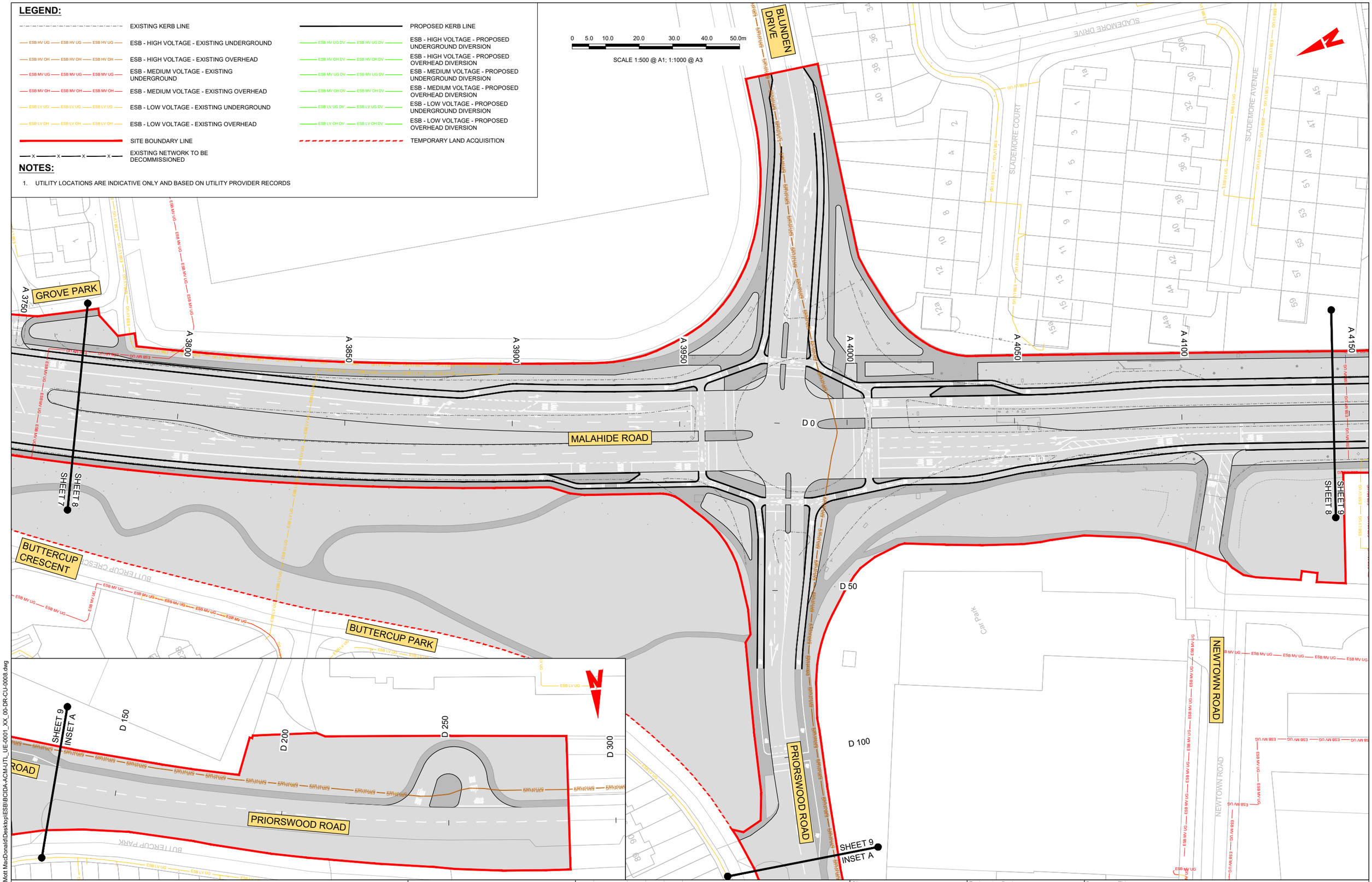

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Engineering Designer: AECOM / MOTT MACDONALD

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

Drawing Title: CLONGRIFFIN 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-0001_XX_00-DR-CU-0008	08 of 21	A	M01

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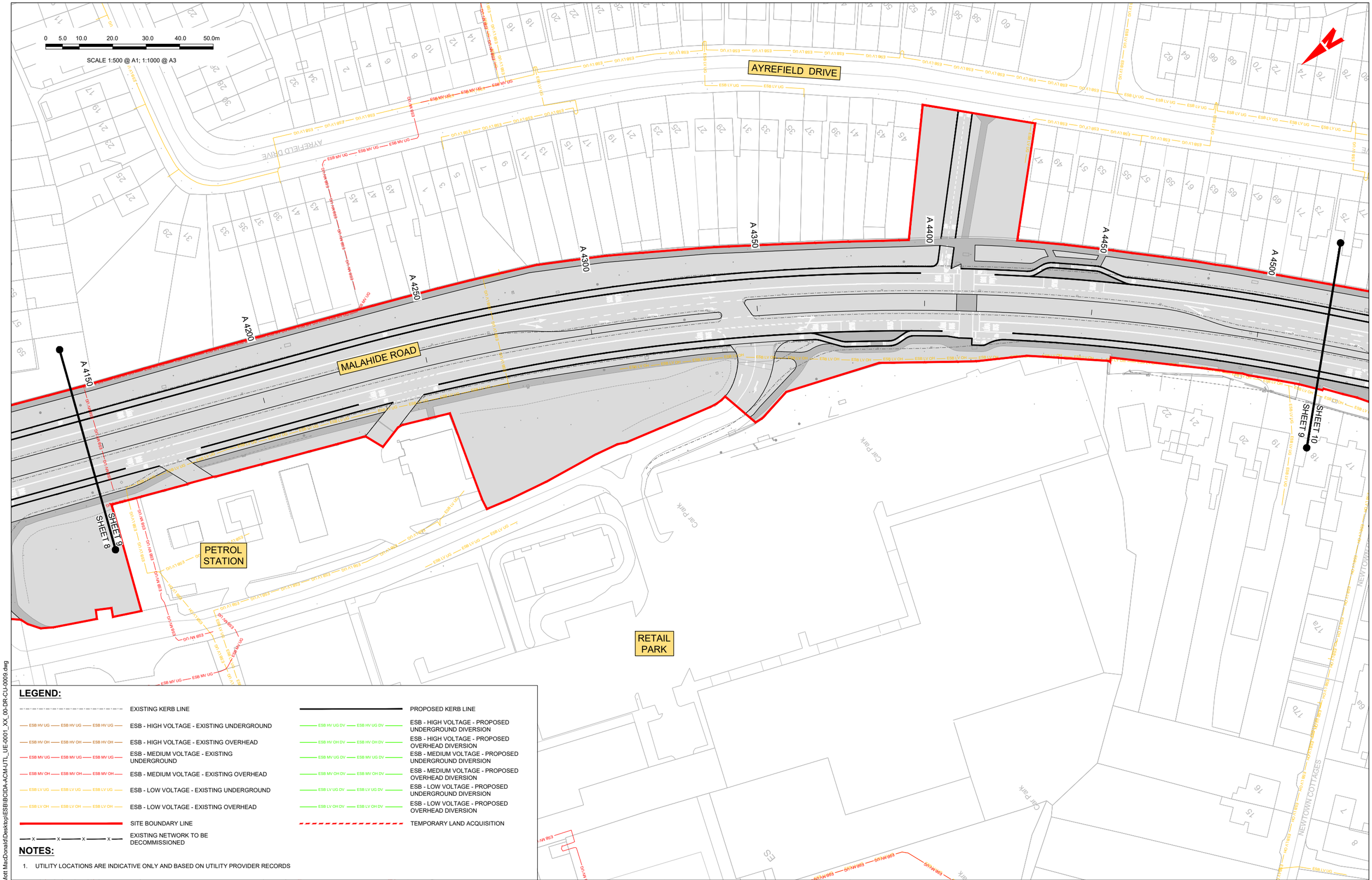

LEGEND:

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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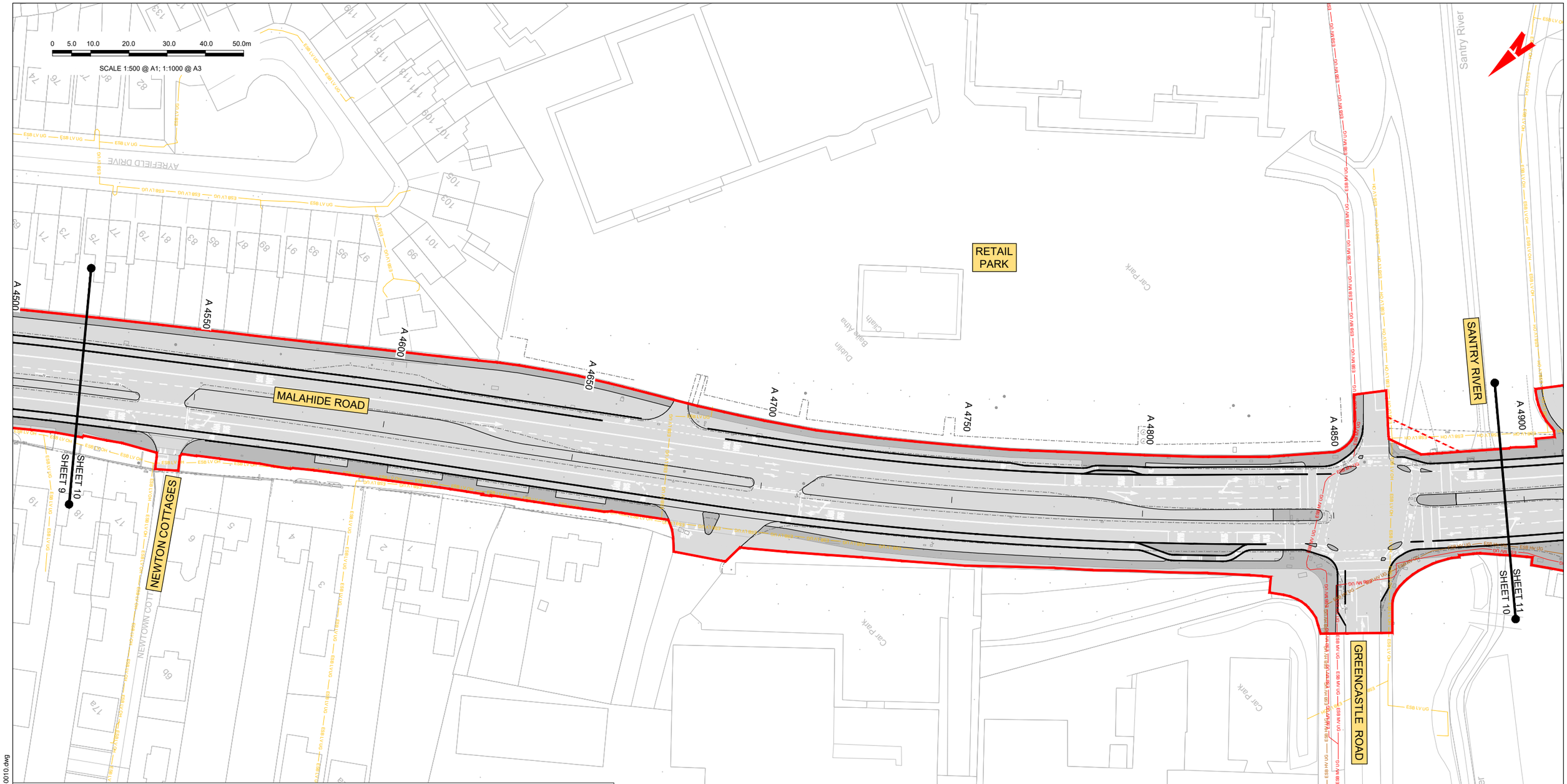

LEGEND:

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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Project Ireland 2040
Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
M01	06/12/21	PP	JH	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: CLONGRIFFIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS

Date	Scale	Drawn	Checked	Approved
06/12/21	1:500 @ A1 1:1000 @ A3	P.POCZATKO	J.HAWE	C.ACTON

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0001_XX_00-DR-CU-0010	10 of 21	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

SANTRY RIVER

A 4900

A 4950

A 5000

A 5050

A 5100

A 5150

A 5200

A 5250

DUNREE PARK

TONLEGEE ROAD

ST BRENDAN'S AVENUE

MALAHIDE ROAD

BROOKVILLE PARK

BOTHAR MHULLACH IDE

BROOKVILLE CRESCENT

SHEET 10

SHEET 11

SHEET 12

R01-OH-LV-E11-K
LOW VOLTAGE OVERHEAD ESB ELECTRICITY
143M DIVERSION

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

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS

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

Date	Scale	Drawn	Checked	Approved
06/12/21	1:500 @ A1 1:1000 @ A3	P.POCZATKO	J.HAWE	C.ACTON

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0001_XX_00-DR-CU-0011	11 of 21	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

MERCY COLLEGE

SAINT BRENDAN'S DRIVE

SAINT BRENDAN'S PARK

ST BRENDAN'S PARK

ST BRENDAN'S AVENUE

ST BRENDAN'S DRIVE

MALAHIDE ROAD

A 5250 A 5300 A 5350 A 5400 A 5450 A 5500 A 5550 A 5600 A 5650

SHEET 11

SHEET 12

SHEET 13

ST BRENDAN'S CHURCH

COOLOCK VILLAGE

CHANEL ROAD

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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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: CLONGRIFFIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS

Date	Scale	Drawn	Checked	Approved
06/12/21	1:500 @ A1 1:1000 @ A3	P.POCZATKO	J.HAWE	C.ACTON

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0001_XX_00-DR-CU-0012	12 of 21	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

MASK AVENUE

ST BRENDAN'S AVENUE

MALAHIDE ROAD

BROOKVILLE PARK

MASK ROAD

GRACEFIELD ROAD

MOUNT DILLON COURT

CHANEL ROAD

ARDLEA ROAD

ARDEE ROAD

A 5650 A 5700 A 5750 A 5800 A 5850 A 5900 A 5950 A 6000

SHEET 12 SHEET 13 SHEET 14

R01-UG-MV-E13-M-1 & E14-F
MEDIUM VOLTAGE UNDERGROUND ESB
75M 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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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: CLONGRIFFIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS

Date	Scale	Drawn	Checked	Approved
06/12/21	1:500 @ A1 1:1000 @ A3	P.POCZATKO	J.HAWE	C.ACTON

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0001_XX_00-DR-CU-0013	13 of 21	A	M01

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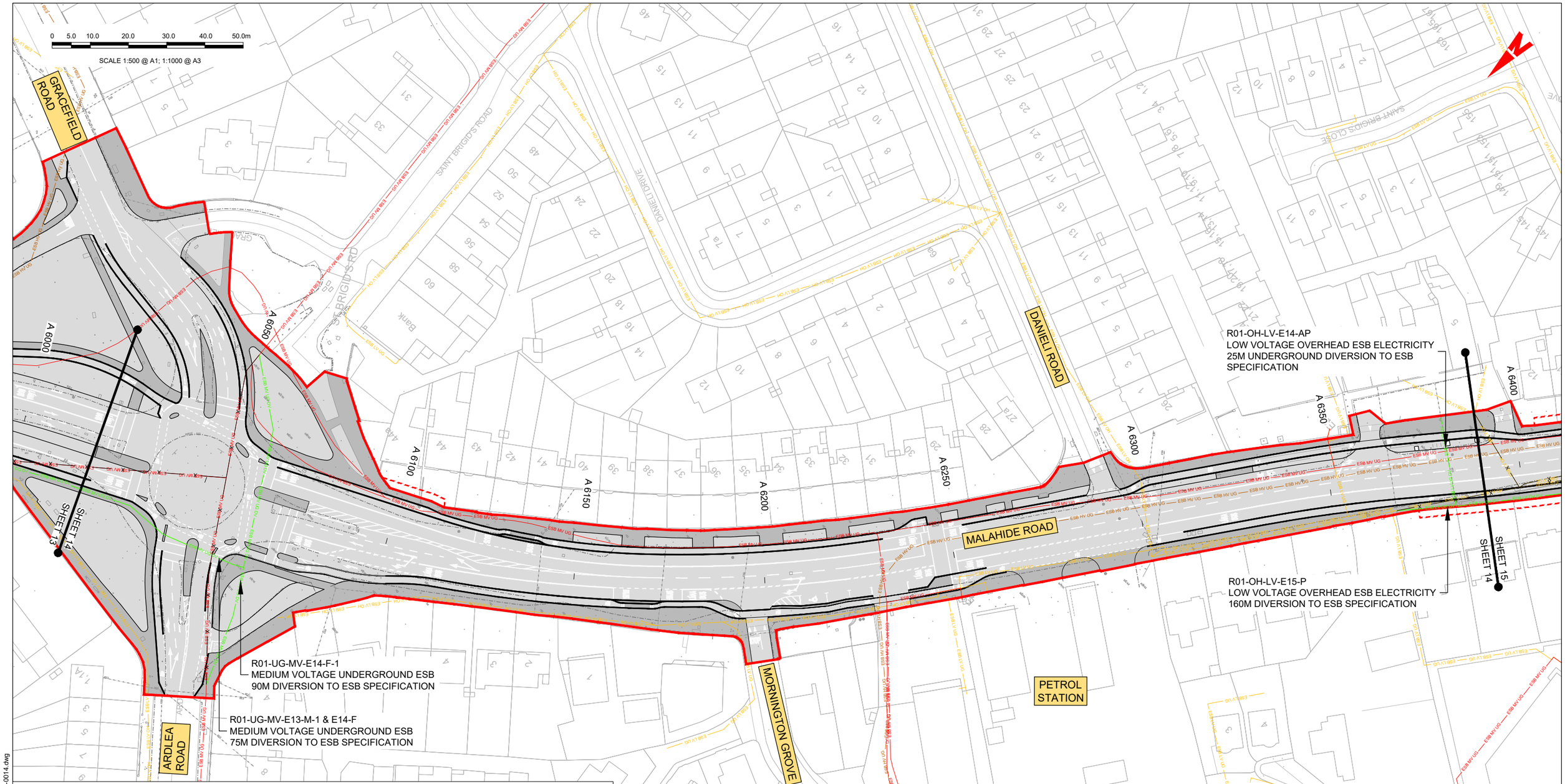

LEGEND:

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

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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: CLONGRIFFIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS

Date	Scale	Drawn	Checked	Approved
06/12/21	1:500 @ A1 1:1000 @ A3	P.POCZATKO	J.HAWE	C.ACTON

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0001_XX_00-DR-CU-0014	14 of 21	A	M01

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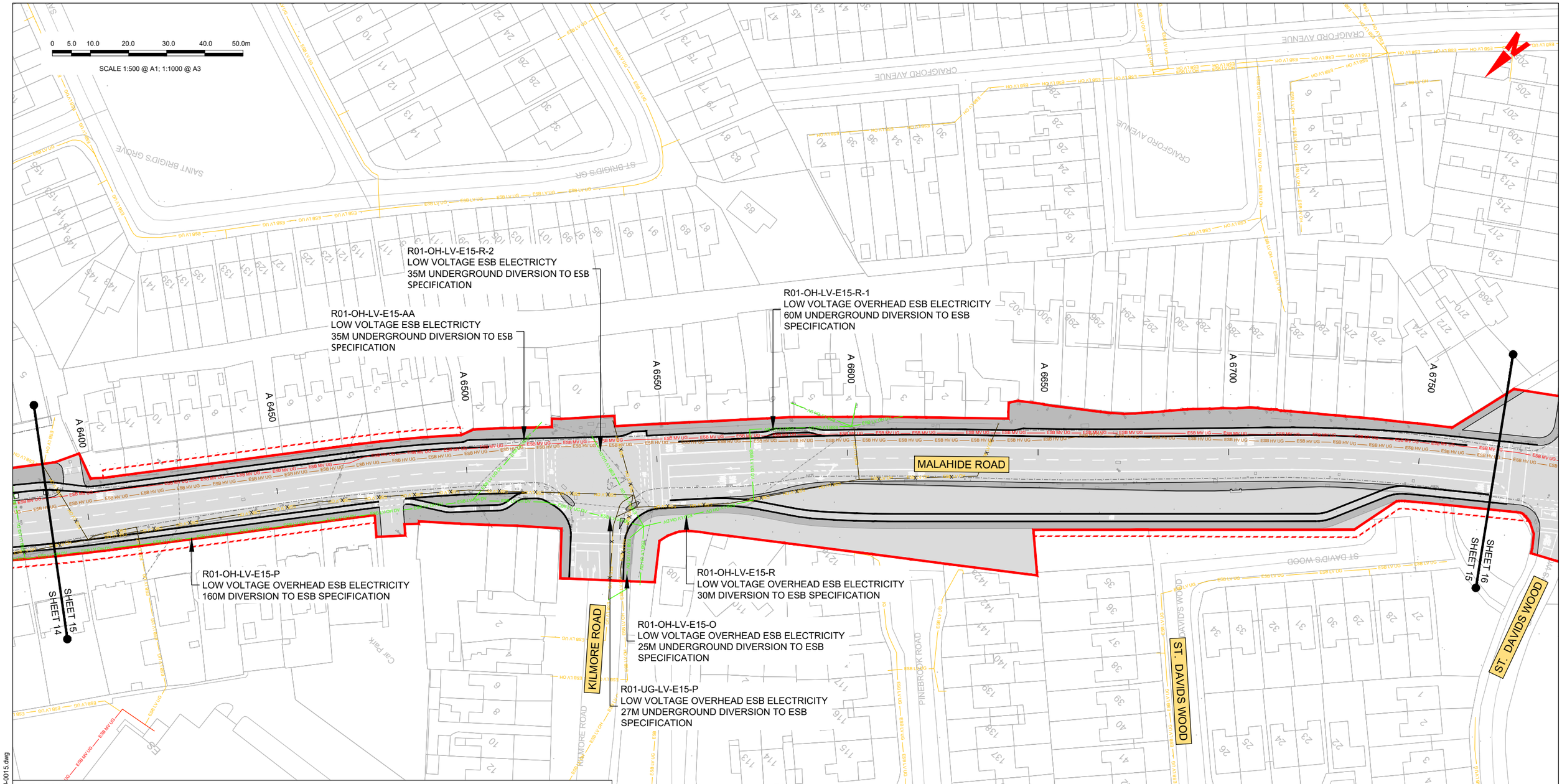

LEGEND:

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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Date	Scale	Drawn	Checked	Approved
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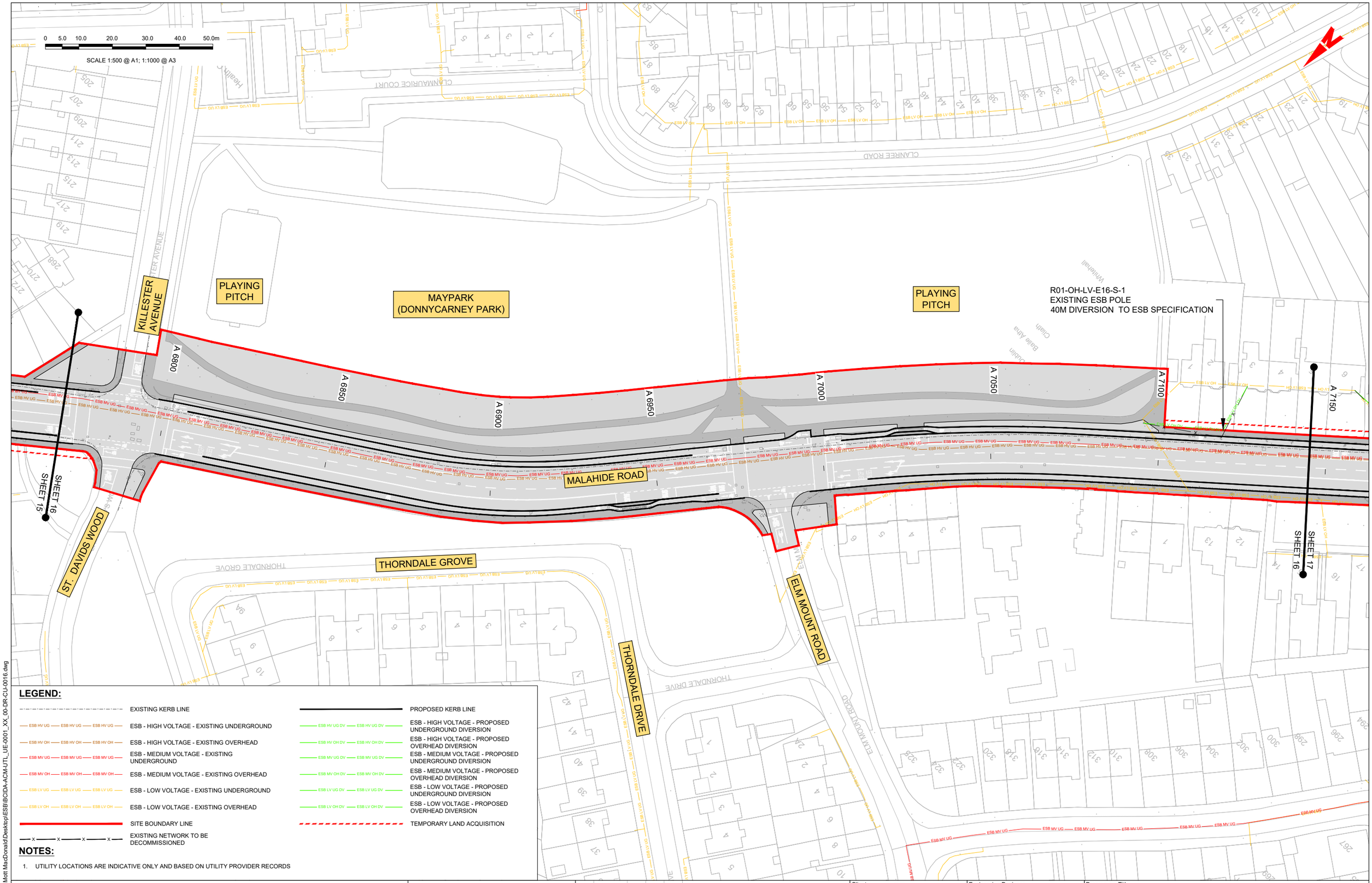

LEGEND:

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

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Project Ireland 2040
Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
M01	06/12/21	PP	JH	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: CLONGRIFFIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS

Date	Scale	Drawn	Checked	Approved
06/12/21	1:500 @ A1 1:1000 @ A3	P.POCZATKO	J.HAWE	C.ACTON

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0001_XX_00-DR-CU-0016	16 of 21	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

CHURCH

COLLINS AVENUE EAST

COLLINS AVENUE

MALAHIDE ROAD

ELM ROAD

ST. JOHNS COURT

SHEET 17
SHEET 16

SHEET 18
SHEET 17

R01-OH-LV-E17-W
LOW VOLTAGE OVERHEAD ESB ELECTRICITY
20M UNDERGROUND DIVERSION TO ESB
SPECIFICATION

R01-OH-LV-E17-U-2
LOW VOLTAGE OVERHEAD ESB ELECTRICITY
25M UNDERGROUND 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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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: CLONGRIFFIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS

Date	Scale	Drawn	Checked	Approved
06/12/21	1:500 @ A1 1:1000 @ A3	P.POCZATKO	J.HAWE	C.ACTON

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0001_XX_00-DR-CU-0017	17 of 21	A	M01

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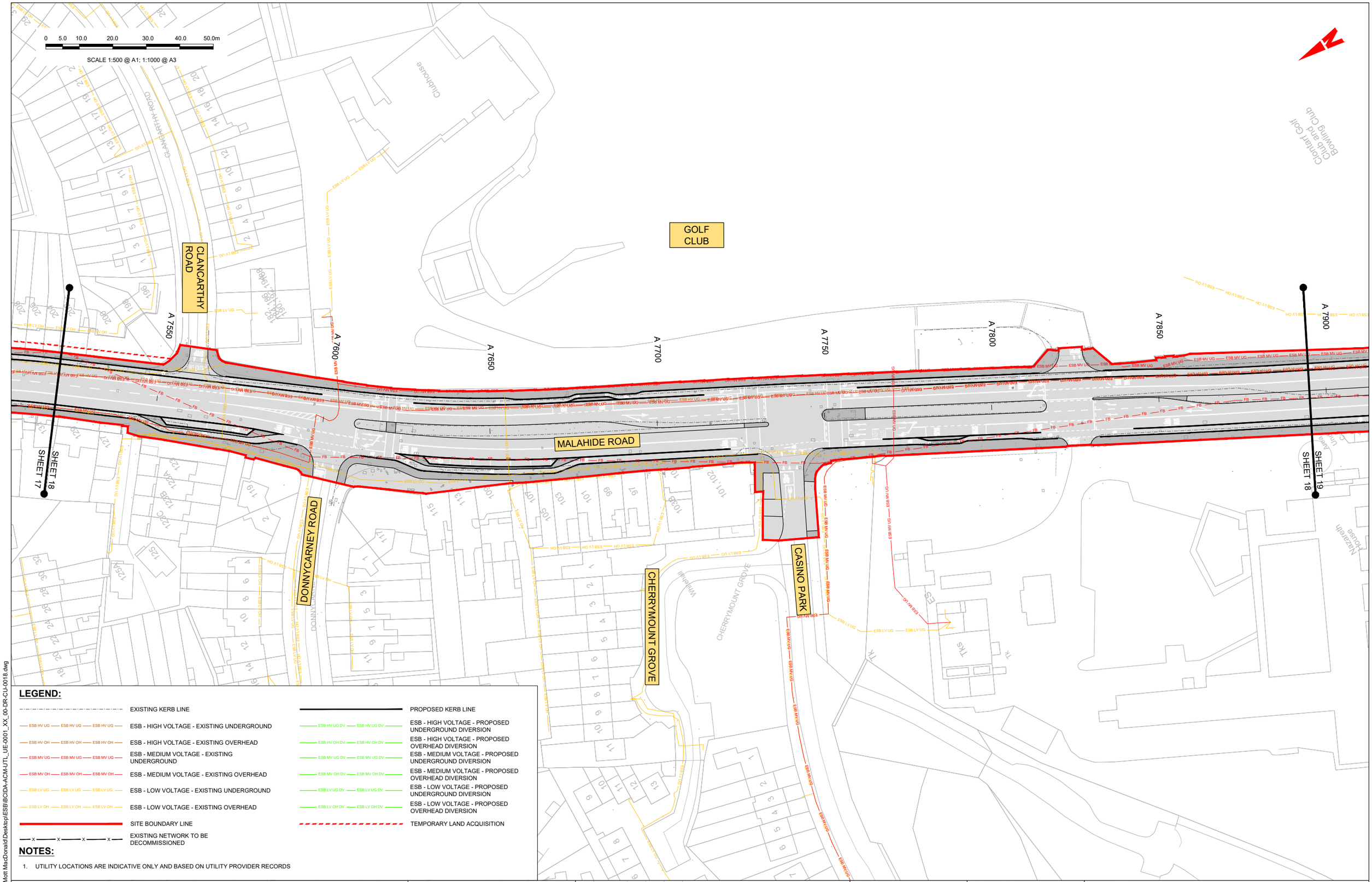

LEGEND:

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	06/12/21	PP	JH	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: CLONGRIFFIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS

Date	Scale	Drawn	Checked	Approved
06/12/21	1:500 @ A1 1:1000 @ A3	P.POCZATKO	J.HAWE	C.ACTON

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0001_XX_00-DR-CU-0018	18 of 21	A	M01

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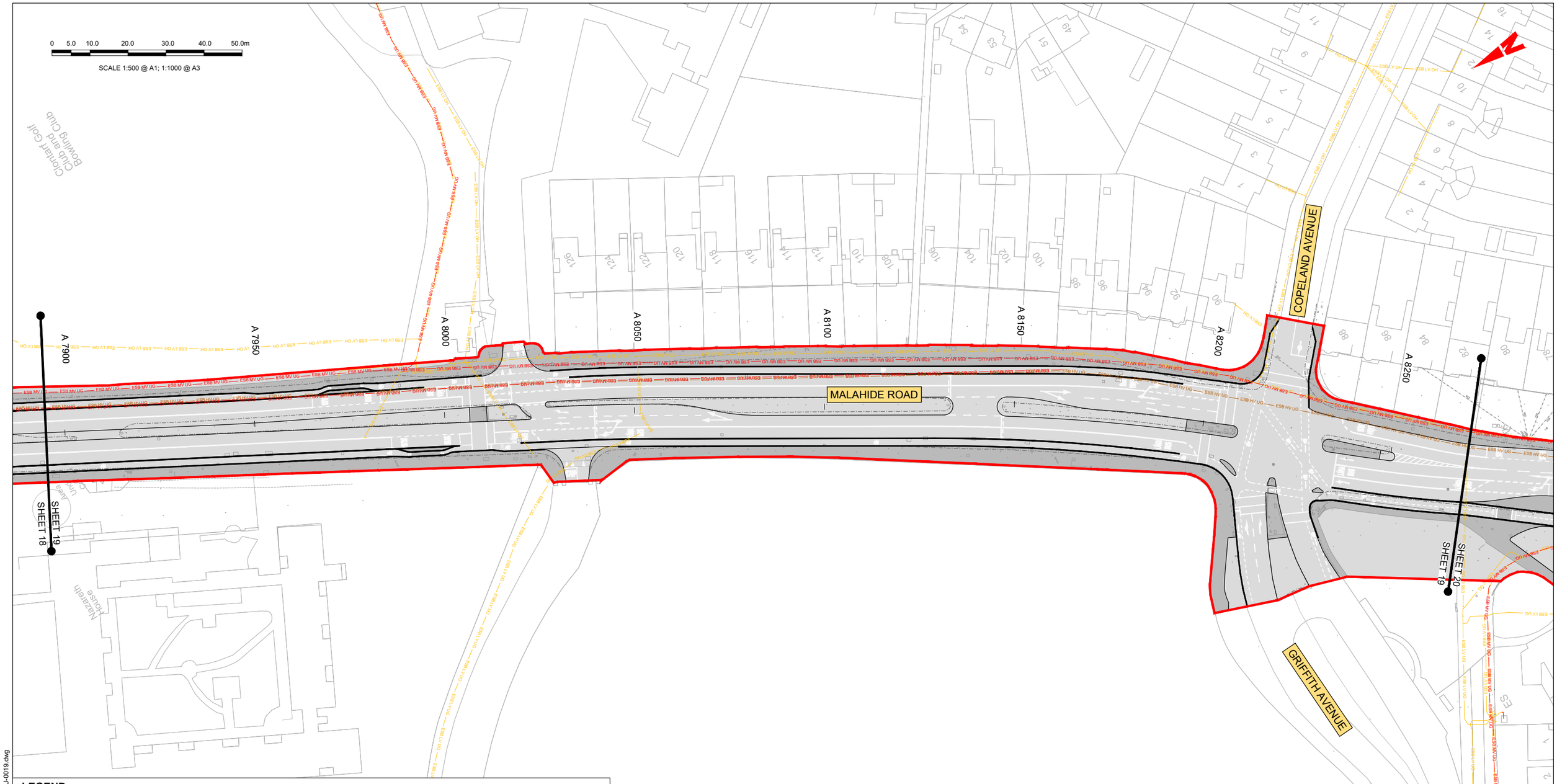

LEGEND:

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	06/12/21	PP	JH	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: CLONGRIFFIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME ESB ASSET ALTERATIONS

Date	Scale	Drawn	Checked	Approved
06/12/21	1:500 @ A1 1:1000 @ A3	P.POCZATKO	J.HAWE	C.ACTON

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0001_XX_00-DR-CU-0019	19 of 21	A	M01

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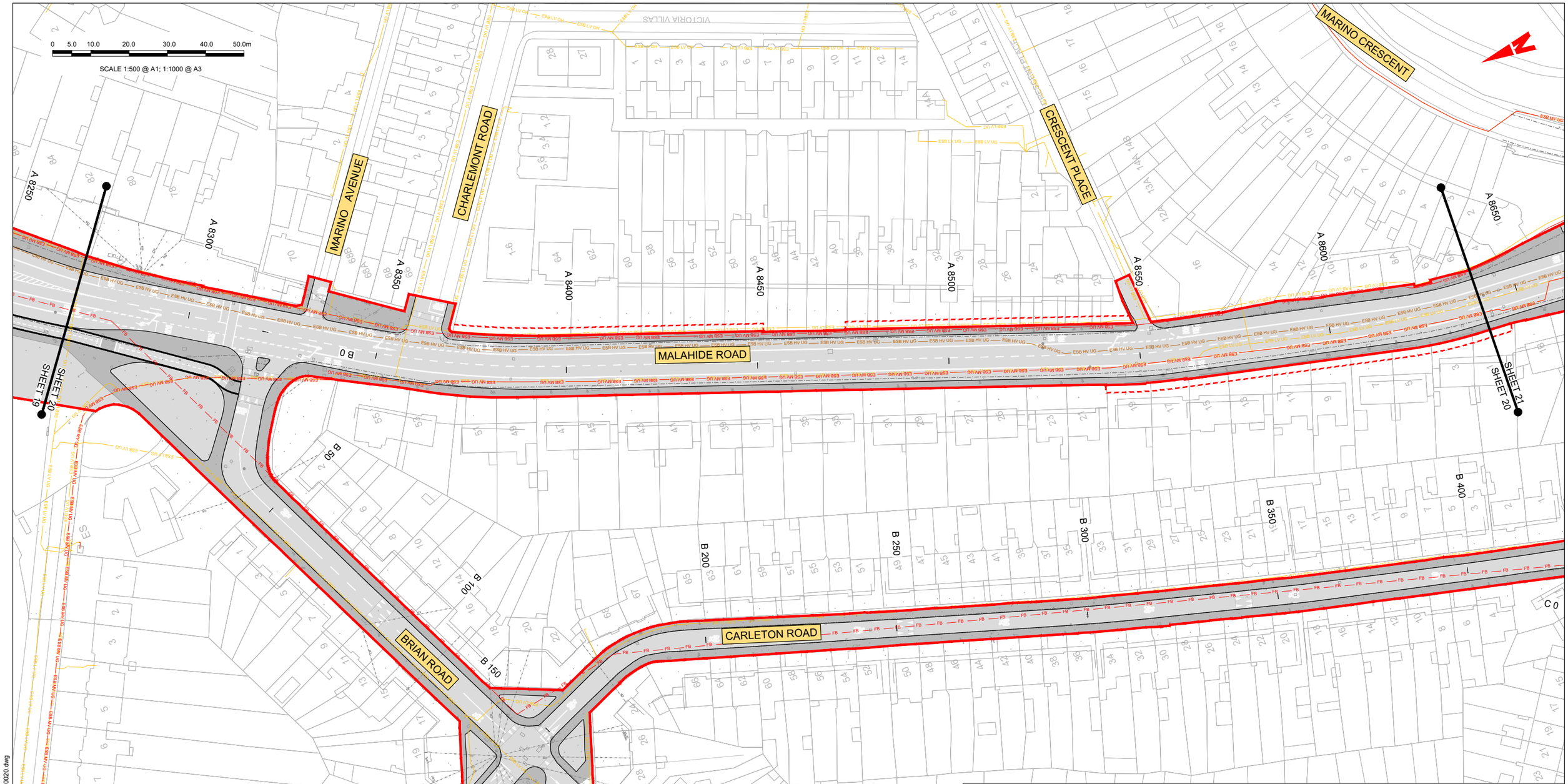

LEGEND:

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

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Engineering Designer: AECOM / MOTT MACDONALD

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

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

Date	Scale	Drawn	Checked	Approved
06/12/21	1:500 @ A1 1:1000 @ A3	P.POCZATKO	J.HAWE	C.ACTON

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-UTL_UE-0001_XX_00-DR-CU-0020	20 of 21	A	M01

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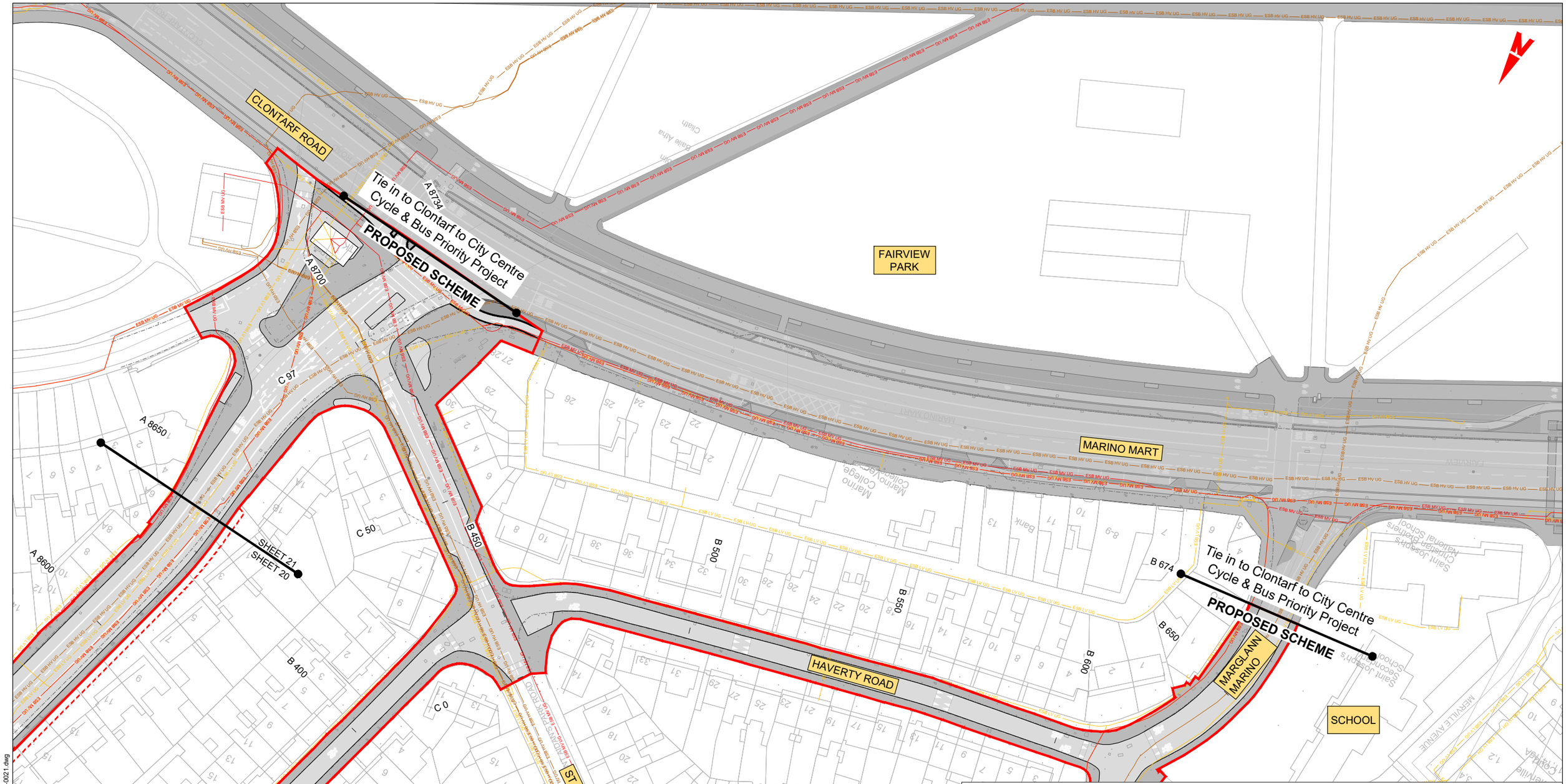

LEGEND:

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

0 5.0 10.0 20.0 30.0 40.0 50.0m

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

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Engineering Designer: AECOM / MOTT MACDONALD

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

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

Date	Scale	Drawn	Checked	Approved
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