General Arrangement

BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

CLONGRIFFIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME

GENERAL ARRANGEMENT

DRAWING SERIES NUMBER(S)	DRAWING SERIES DESCRIPTION
BCIDA-ACM-GEO_IX-0001_XX_00-DR-CR-0001	CLONGRIFFIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. GENERAL ARRANGEMENT. COVER SHEET
BCIDA-ACM-GEO_KP-0001_XX_00-DR-CR-0001	CLONGRIFFIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. GENERAL ARRANGEMENT. KEY PLAN
BCIDA-ACM-GEO_GA-0006_XX_00-DR-CR-0006 to 0021	CLONGRIFFIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. GENERAL ARRANGEMENT

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Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
M01	03/12/21	PP	JH	CA	ISSUE FOR PHASE 4: PLANNING

Client: Údarás Náisiúnta Iompair / National Transport Authority

Engineering Designer: AECOM / Mott MacDonald

Date	Scale	Drawn	Checked	Approved
03/12/21	NTS @ A1 NTS @ A3	P.POCZATKO	J.HAWE	C.ACTON

Project Code	Originator Code	QMS Code
BCIDA	ACM	

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

Drawing Title: CLONGRIFFIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME
GENERAL ARRANGEMENT
COVER SHEET

Drawing File Name	Sheet Number	Status	Rev
BCIDA-ACM-GEO_IX-0001_XX_00-DR-CR-0001	01 of 01	A	M01

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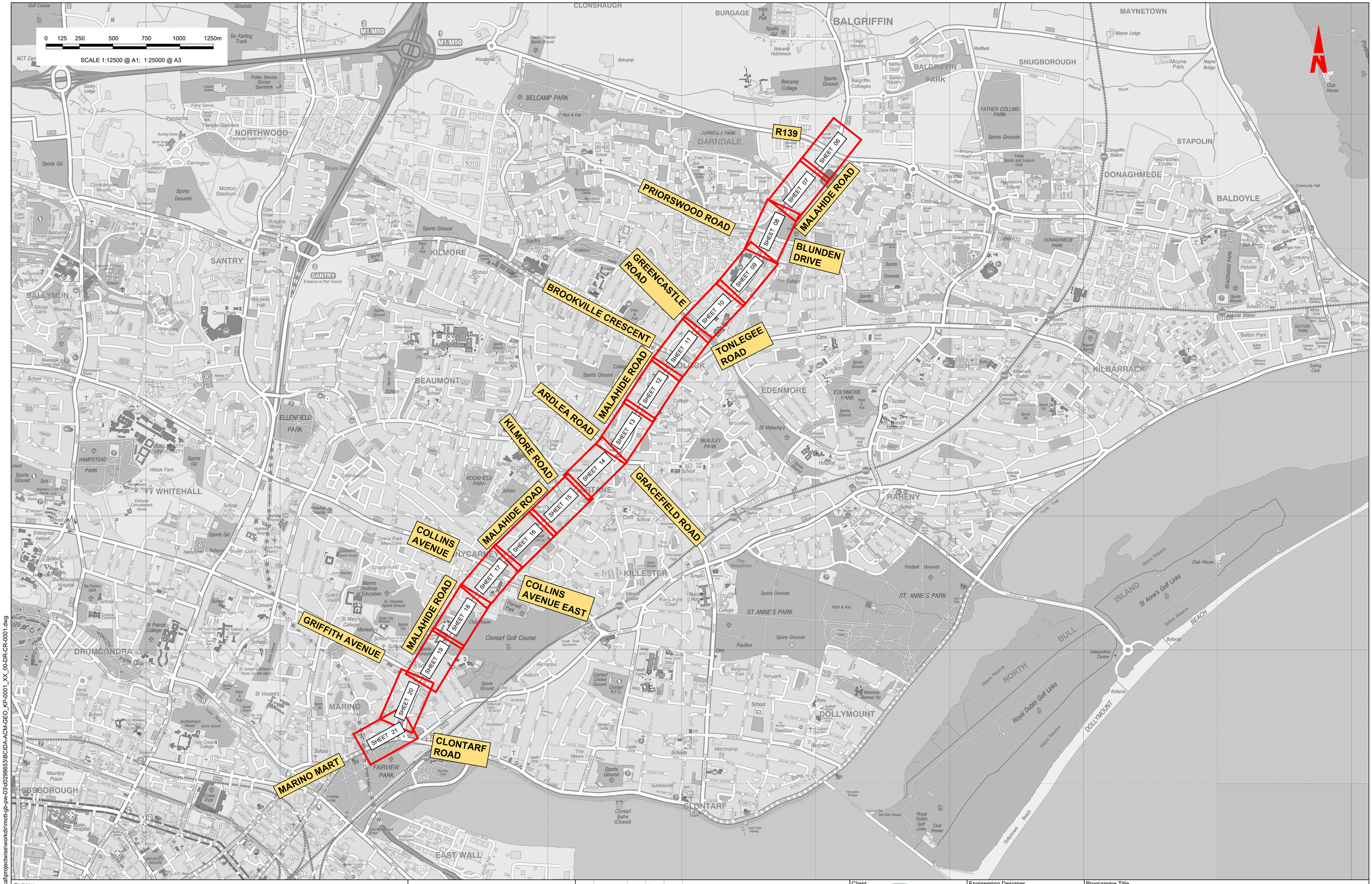

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Client: NTA Údarás Náisiúnta Iompair National Transport Authority

Engineering Designer: AECOM / MOTT MACDONALD

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

Drawing Title: CLONGRIFFIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GENERAL ARRANGEMENT KEY PLAN

Date	Scale	Drawn	Checked	Approved
03/12/21	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-GEO_KP-0001_XX_00-DR-CR-0001	01 of 01	A	M01

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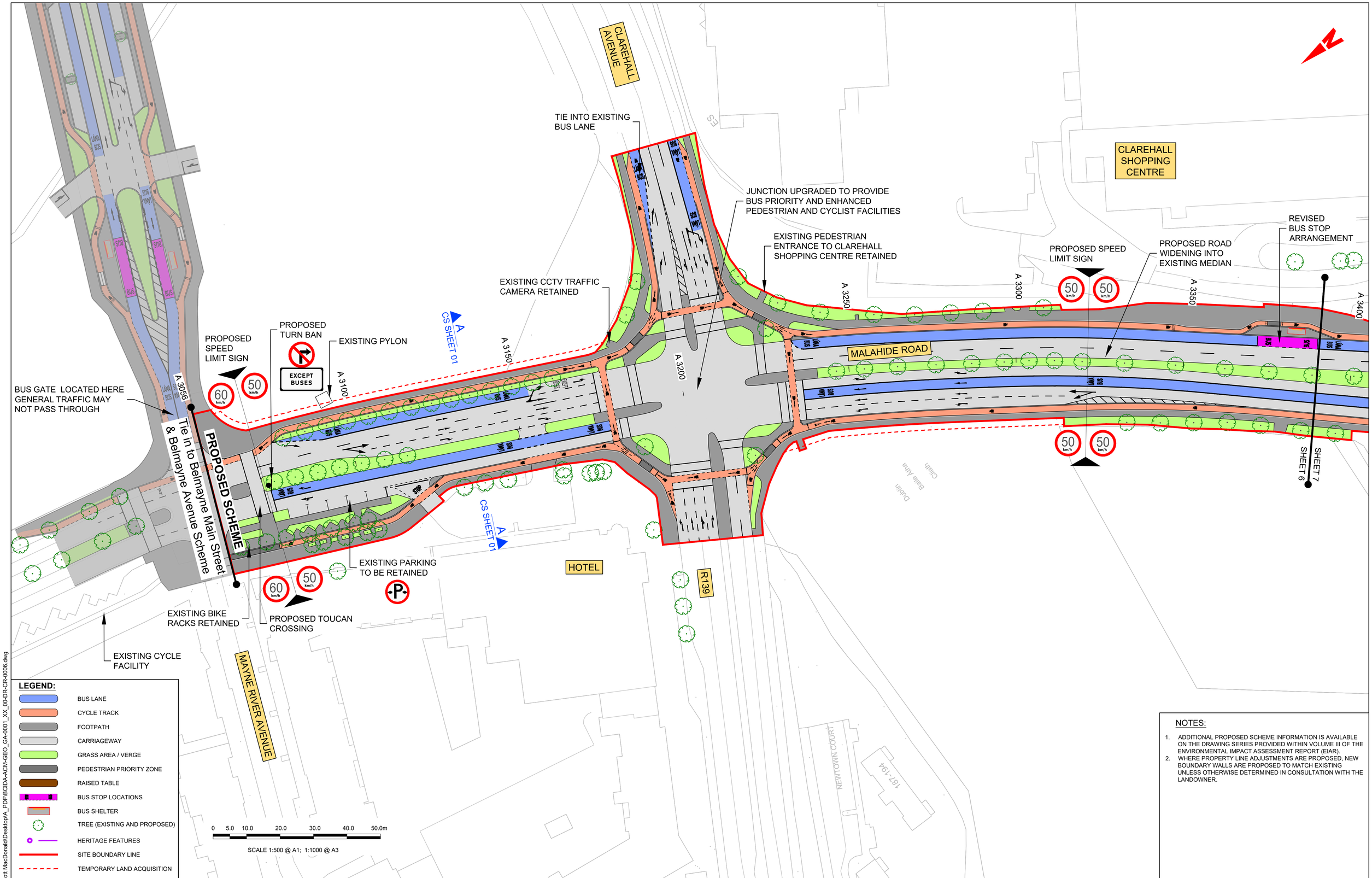

LEGEND:

- BUS LANE
- CYCLE TRACK
- FOOTPATH
- CARRIAGEWAY
- GRASS AREA / VERGE
- PEDESTRIAN PRIORITY ZONE
- RAISED TABLE
- BUS STOP LOCATIONS
- BUS SHELTER
- TREE (EXISTING AND PROPOSED)
- HERITAGE FEATURES
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

NOTES:

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

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LEGEND:

- BUS LANE
- CYCLE TRACK
- FOOTPATH
- CARRIAGEWAY
- GRASS AREA / VERGE
- PEDESTRIAN PRIORITY ZONE
- RAISED TABLE
- BUS STOP LOCATIONS
- BUS SHELTER
- TREE (EXISTING AND PROPOSED)
- HERITAGE FEATURES
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

0 5.0 10.0 20.0 30.0 40.0 50.0m

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

REVISED BUS STOP ARRANGEMENT

EXISTING LEFT TURN SLIP REMOVED

A 3400

A 3450

A 3500

A 3550

A 3600

A 3650

A 3700

A 3750

MALAHIDE ROAD

GROVE PARK

BUTTERCUP CRESCENT

BELCAMP LANE

PROPOSED ROAD WIDENING INTO EXISTING MEDIAN

REVISED TOUCAN CROSSING ARRANGEMENT WITH DROP KERBS FOR CYCLISTS

EXISTING BUS STOP RETAINED

EXISTING U-TURN FACILITY RETAINED

B CS SHEET 01

SHEET 6

SHEET 7

SHEET 8

EXISTING BUS STOP REMOVED

PROPOSED TOUCAN CROSSING

BUS PRIORITY SIGNAL

PROPOSED BUS STOP

STOP 7

EXISTING TURN BAN RETAINED

EXISTING HERITAGE MILESTONE TO BE RETAINED

EXISTING BUS STOP REMOVED

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: CLONGRIFFIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GENERAL ARRANGEMENT

Date	Scale	Drawn	Checked	Approved
03/12/21	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-GEO_GA-0001_XX_00-DR-CR-0007	07 of 21	A	M01

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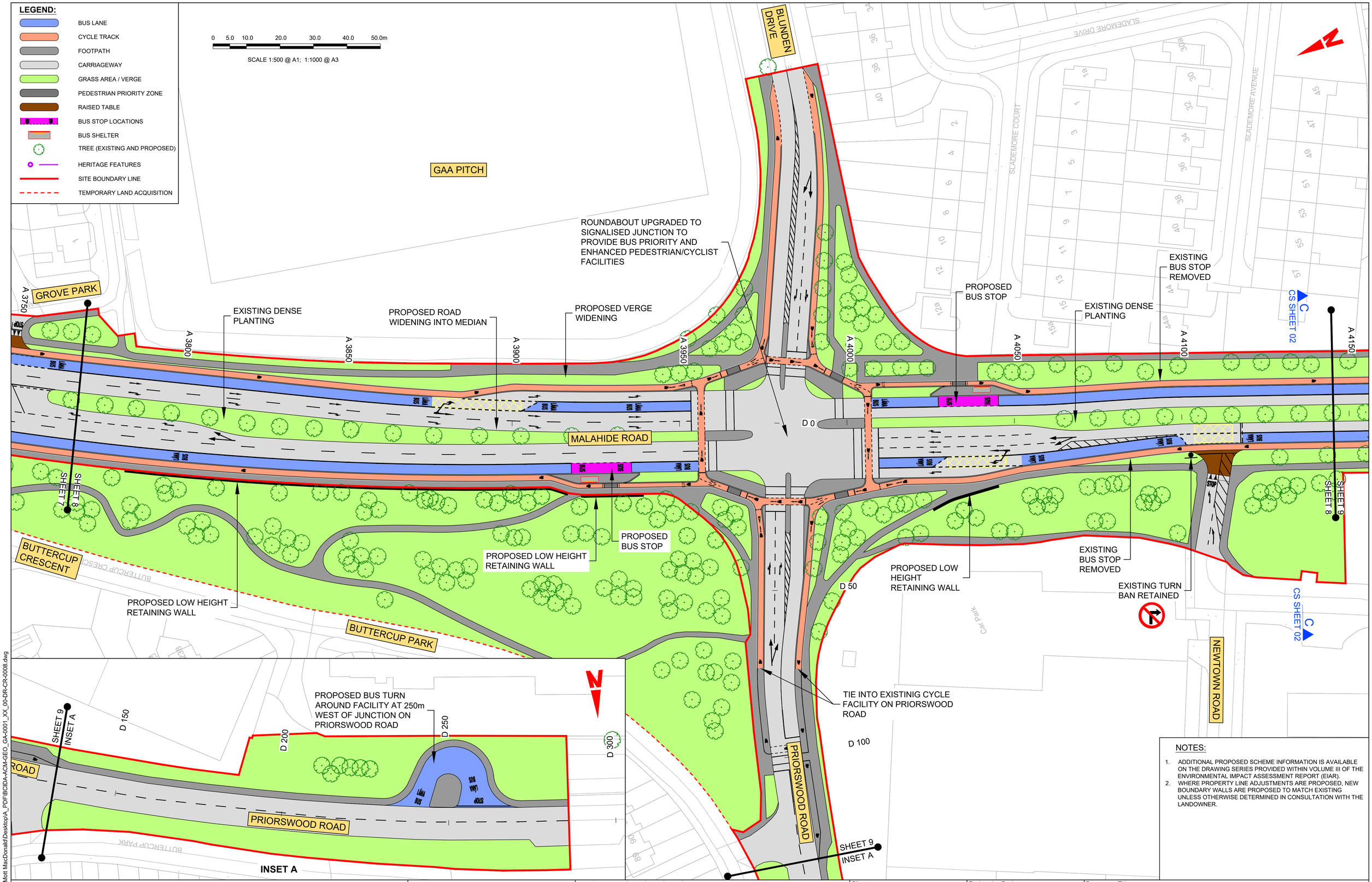
LEGEND:

- BUS LANE
- CYCLE TRACK
- FOOTPATH
- CARRIAGEWAY
- GRASS AREA / VERGE
- PEDESTRIAN PRIORITY ZONE
- RAISED TABLE
- BUS STOP LOCATIONS
- BUS SHELTER
- TREE (EXISTING AND PROPOSED)
- HERITAGE FEATURES
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

0 5.0 10.0 20.0 30.0 40.0 50.0m

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



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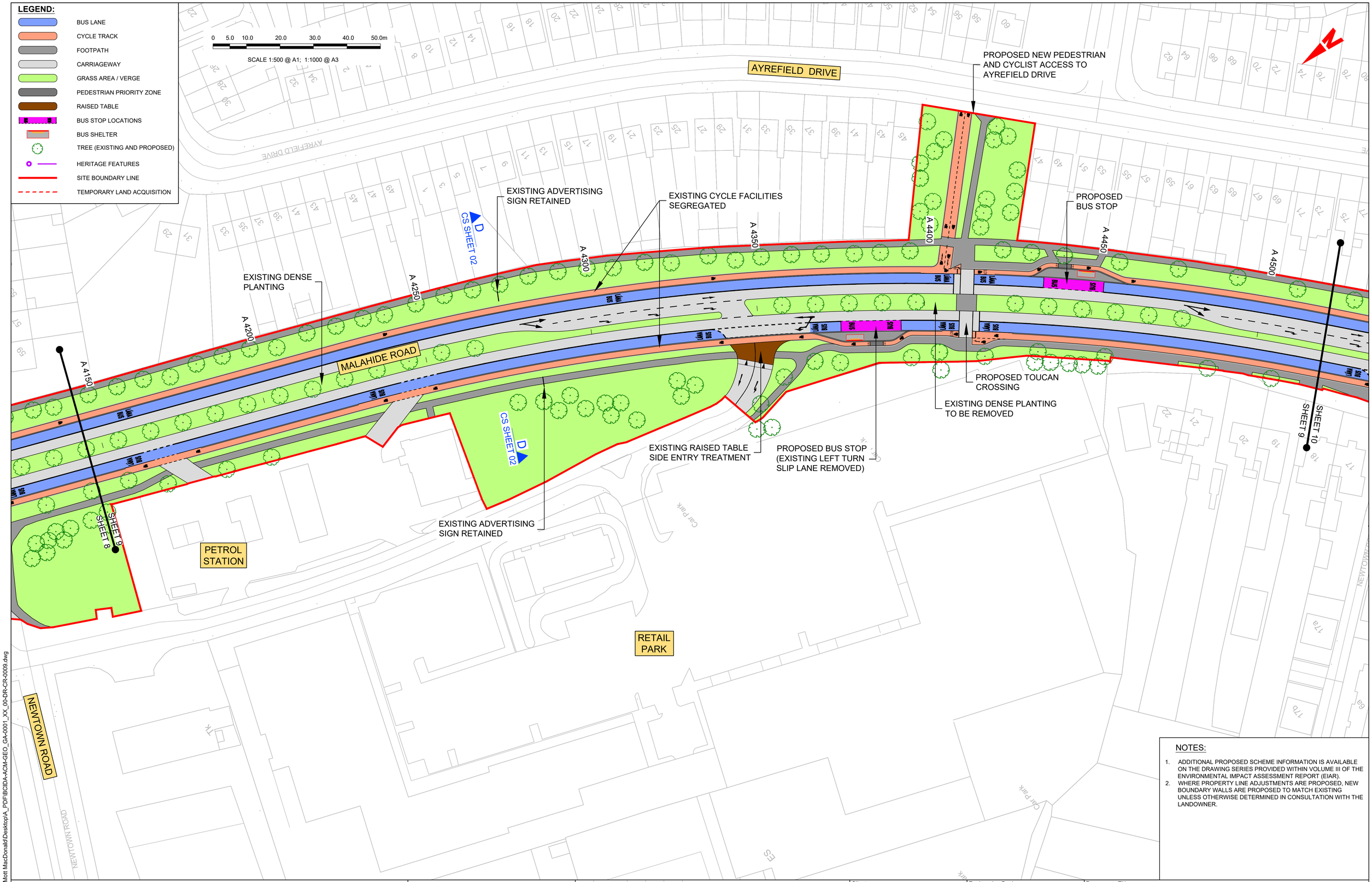

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Drawing Title: CLONGRIFFIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GENERAL ARRANGEMENT

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-GEO_GA-0001_XX_00-DR-CR-0009	09 of 21	A	M01

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EXISTING BUS STOP REMOVED

EXISTING ON ROAD CYCLE LANES UPGRADED TO SEGREGATED CYCLE TRACKS

EXISTING EMERGENCY EXIT AND PEDESTRIAN ACCESS/EGRESS RETAINED

EXISTING ADVERTISING SIGN RETAINED

RETAIL PARK

EXISTING MEDIAN TO BE NARROWED TO FACILITATE SEGREGATED CYCLE FACILITIES

PROPOSED BUS STOP

EXISTING BARRIER/KISSING GATE MAY BE REMOVED TO FACILITATE ACCESS/EGRESS TO FUTURE SANTRY RIVER GREENWAY

MALAHIDE ROAD

SANTRY RIVER

GREENCASTLE ROAD

NEWTON COTTAGES

EXISTING RAISED TABLE SIDE ENTRY TREATMENT

EXISTING TURN LEFT

PROPOSED RAISED TABLE SIDE ENTRY TREATMENT

EXISTING BUS STOP REMOVED

EXISTING ADVERTISING SIGN RETAINED

PROPOSED BUS STOP

A 4500 A 4550 A 4600 A 4650 A 4700 A 4750 A 4800 A 4850 A 4900

SHEET 9 SHEET 10 SHEET 11

CS SHEET 03

Car Park

Dublin Bike Area

Santry River

AYRFIELD DRIVE

LEGEND:

- BUS LANE
- CYCLE TRACK
- FOOTPATH
- CARRIAGEWAY
- GRASS AREA / VERGE
- PEDESTRIAN PRIORITY ZONE
- RAISED TABLE
- BUS STOP LOCATIONS
- BUS SHELTER
- TREE (EXISTING AND PROPOSED)
- HERITAGE FEATURES
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

0 5.0 10.0 20.0 30.0 40.0 50.0m

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

NOTES:

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03/12/21	1:500 @ A1 1:1000 @ A3	P.POCZATKO	J.HAWE	C.ACTON

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BCIDA	ACM		BCIDA-ACM-GEO_GA-0001_XX_00-DR-CR-0010	10 of 21	A	M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

LEGEND:

- BUS LANE
- CYCLE TRACK
- FOOTPATH
- CARRIAGEWAY
- GRASS AREA / VERGE
- PEDESTRIAN PRIORITY ZONE
- RAISED TABLE
- BUS STOP LOCATIONS
- BUS SHELTER
- TREE (EXISTING AND PROPOSED)
- HERITAGE FEATURES
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

0 5.0 10.0 20.0 30.0 40.0 50.0m

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

SANTRY RIVER

EXISTING BUS STOP REMOVED

CS SHEET 04

A 4900

A 4950

A 5000

A 5050

A 5100

A 5150

A 5200

A 5250

DUNREE PARK

MALAHIDE ROAD

BROOKVILLE PARK

BOTHAR MHULLACH IDE

TONLEGEE ROAD

ST BRENDAN'S AVENUE

BROOKVILLE CRESCENT

ACCOMODATION TO BE MADE FOR FUTURE PROVISION OF CYCLE FACILITIES ON TONLEGEE ROAD AND BROOKVILLE CRESCENT

EXISTING JUNCTION UPGRADED TO PROVIDE BUS PRIORITY AND ENHANCED PEDESTRIAN/CYCLIST FACILITIES

EXISTING BUS STOP RETAINED

EXISTING MEDIAN TO BE REALIGNED

EXISTING PARKING TO BE REMOVED

EXISTING CCTV TRAFFIC CAMERA TO BE RELOCATED

REVISED PARKING ARRANGEMENT

PROPOSED BUS STOP

EXISTING BUS LAYOVER/PARKING AREA TO BE REMOVED

EXISTING CUL-DE-SAC AREA TO BE LANDSCAPED

EXISTING BUS LAYOVER/PARKING AREA TO BE REMOVED

EXISTING BUS STOP REMOVED

ACCOMODATION TO BE MADE FOR FUTURE PROVISION OF CYCLE FACILITIES ON TONLEGEE ROAD AND BROOKVILLE CRESCENT

SHEET 10 SHEET 11

SHEET 11 SHEET 12

Santry River

Car Park

OSCAR TRAYNOR ROAD

BEECHPARK COURT

NOTES:

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Project Ireland 2040
Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
M01	03/12/21	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 GENERAL ARRANGEMENT

Date	Scale	Drawn	Checked	Approved
03/12/21	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-GEO_GA-0001_XX_00-DR-CR-0011	11 of 21	A	M01

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LEGEND:

- BUS LANE
- CYCLE TRACK
- FOOTPATH
- CARRIAGEWAY
- GRASS AREA / VERGE
- PEDESTRIAN PRIORITY ZONE
- RAISED TABLE
- BUS STOP LOCATIONS
- BUS SHELTER
- TREE (EXISTING AND PROPOSED)
- HERITAGE FEATURES
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

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

PROPOSED CYCLE FRIENDLY TRAFFIC CALMING MEASURES

QUIET STREET CYCLE TREATMENT VIA ST BRENDAN'S AVENUE

PROPOSED TOUCAN CROSSING

PROPOSED CYCLE FRIENDLY TRAFFIC CALMING MEASURES

PROPOSED BUS STOP

CROSSING RETAINED AND UPGRADED TO TOUCAN CROSSING

PROPOSED RAISED TABLE

CS SHEET 05

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

SHEET 11 SHEET 12 SHEET 13

REVISED PARKING ARRANGEMENT

REVISED TAXI STAND ARRANGEMENT

REVISED PARKING ARRANGEMENT

EXISTING BUS STOP REMOVED

EXISTING BUS STOP RETAINED

EXISTING TURN LEFT

EXISTINIG TURN LEFT

REVISED PARKING ARRANGEMENT

ST BRENDAN'S CHURCH

COOLOCK VILLAGE

CHANEL ROAD

NOTES:

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Project Ireland 2040
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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 GENERAL ARRANGEMENT

Date	Scale	Drawn	Checked	Approved
03/12/21	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-GEO_GA-0001_XX_00-DR-CR-0012	12 of 21	A	M01

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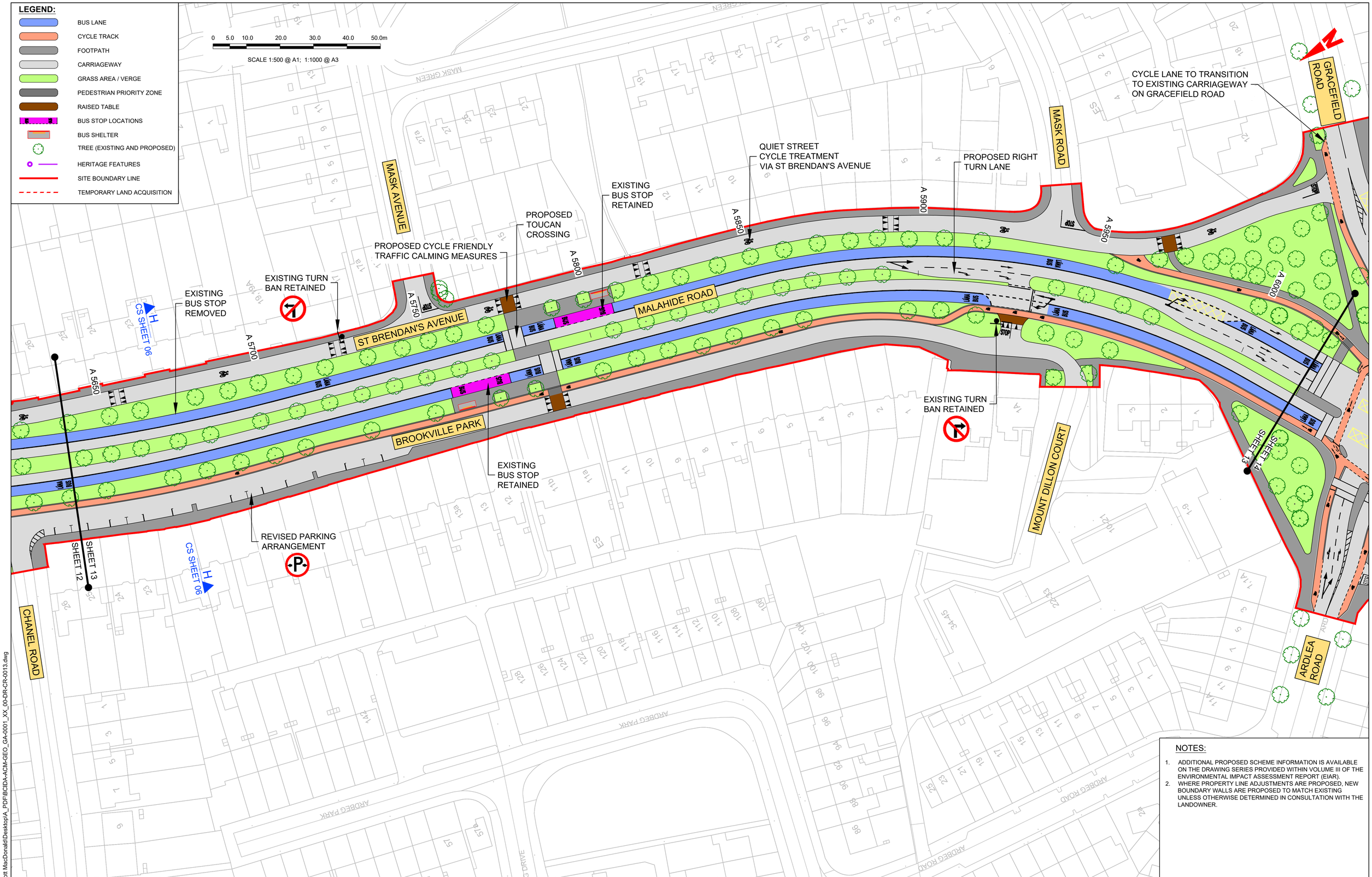

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Project Ireland 2040
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M01	03/12/21	PP	JH	CA	ISSUE FOR PHASE 4: PLANNING

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 GENERAL ARRANGEMENT

Date	Scale	Drawn	Checked	Approved
03/12/21	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-GEO_GA-0001_XX_00-DR-CR-0013	13 of 21	A	M01

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GRACEFIELD ROAD

SAINT BRIGID'S ROAD

DANIELI DRIVE

SAINT BRIGID'S CLOSE

DANIELI ROAD

MALAHIDE ROAD

MORNINGTON GROVE

ARDLEA ROAD

PETROL STATION

A 6000

A 6050

A 6100

A 6150

A 6200

A 6250

A 6300

A 6350

A 6400

ROUNDABOUT UPGRADED TO SIGNALISED JUNCTION TO PROVIDE BUS PRIORITY AND ENHANCED PEDESTRIAN/CYCLIST FACILITIES

PROPOSED BOUNDARY TREATMENT TO MATCH EXISTING

EXISTING BUS STOP RETAINED

EXISTING PARKING TO BE REMOVED

PROPOSED TOUCAN CROSSING

EXISTING TURN BAN RETAINED

EXISTING BUS STOP REMOVED

EXISTING BUS STOP RETAINED

REVISED PARKING ARRANGEMENT

CYCLE LANE TO TRANSITION TO EXISTING CARRIAGEWAY ON ARDLEA ROAD

CS SHEET 07

SHEET 13

SHEET 14

SHEET 15

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

0 5.0 10.0 20.0 30.0 40.0 50.0m

LEGEND:

- BUS LANE
- CYCLE TRACK
- FOOTPATH
- CARRIAGEWAY
- GRASS AREA / VERGE
- PEDESTRIAN PRIORITY ZONE
- RAISED TABLE
- BUS STOP LOCATIONS
- BUS SHELTER
- TREE (EXISTING AND PROPOSED)
- HERITAGE FEATURES
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

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: CLONGRIFFIN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GENERAL ARRANGEMENT

Date	Scale	Drawn	Checked	Approved
03/12/21	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-GEO_GA-0001_XX_00-DR-CR-0014	14 of 21	A	M01

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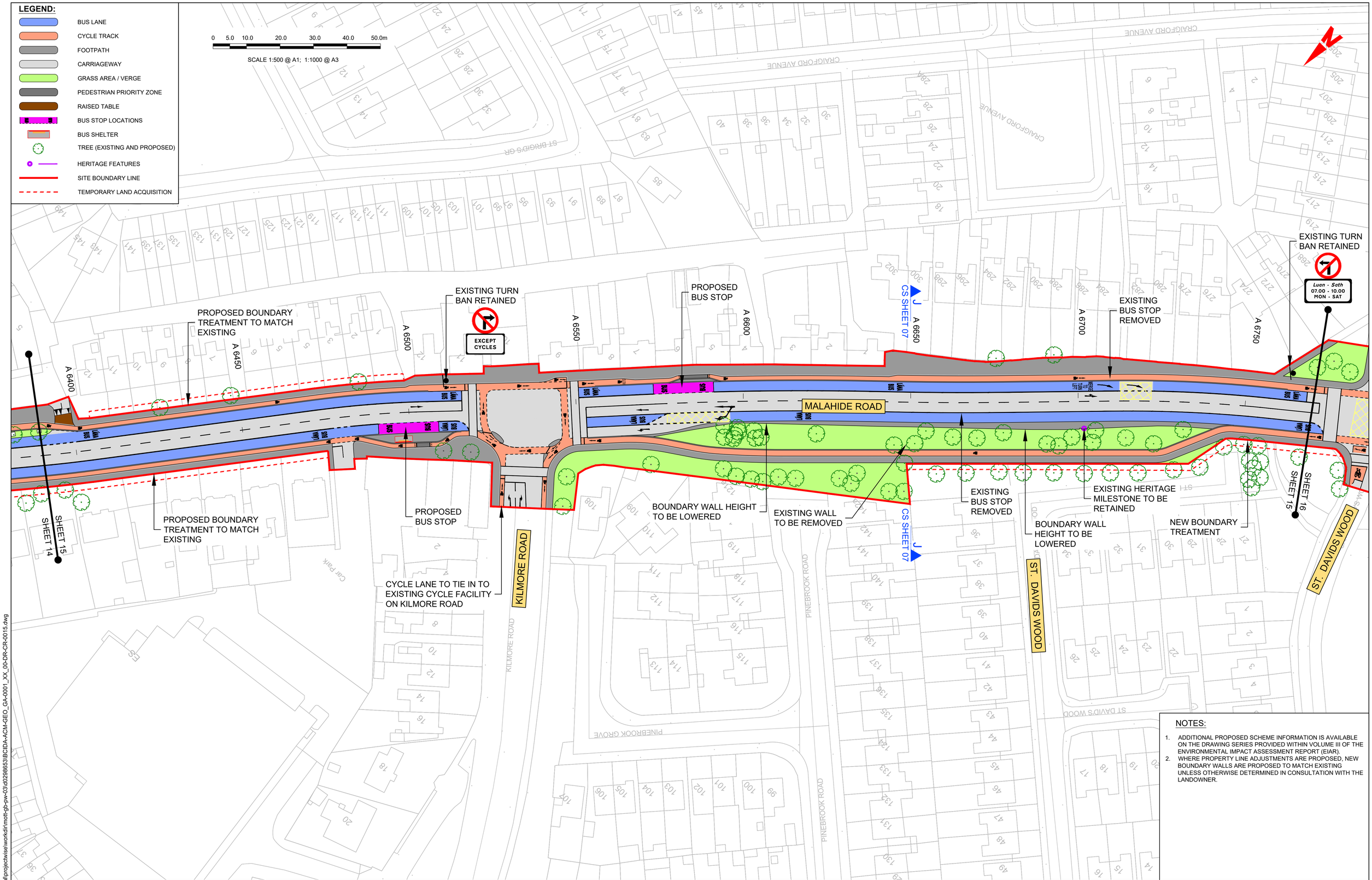
LEGEND:

- BUS LANE
- CYCLE TRACK
- FOOTPATH
- CARRIAGEWAY
- GRASS AREA / VERGE
- PEDESTRIAN PRIORITY ZONE
- RAISED TABLE
- BUS STOP LOCATIONS
- BUS SHELTER
- TREE (EXISTING AND PROPOSED)
- HERITAGE FEATURES
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

0 5.0 10.0 20.0 30.0 40.0 50.0m

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



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BCIDA	ACM		BCIDA-ACM-GEO_GA-0001_XX_00-DR-CR-0015	15 of 21	A	M01

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LEGEND:

- BUS LANE
- CYCLE TRACK
- FOOTPATH
- CARRIAGEWAY
- GRASS AREA / VERGE
- PEDESTRIAN PRIORITY ZONE
- RAISED TABLE
- BUS STOP LOCATIONS
- BUS SHELTER
- TREE (EXISTING AND PROPOSED)
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0 5.0 10.0 20.0 30.0 40.0 50.0m

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

EXISTING TURN BAN RETAINED

Luan - Sath
07.00 - 10.00
MON - SAT

KILLESTER AVENUE

PLAYING PITCH

MAYPARK (DONNYCARNEY PARK)

PLAYING PITCH

CS SHEET 08

NEW STUB WALL AND RAILING TO BE PROVIDED BETWEEN FOOTPATH AND PARK. DETAILS TO DEVELOPED IN CONSULTATION WITH DCC PARKS DEPARTMENT

EXISTING BUS STOP RETAINED

PROPOSED BOUNDARY TREATMENT TO MATCH EXISTING

A 6800 A 6850 A 6900 A 6950 A 7000 A 7050 A 7100 A 7150

MALAHIDE ROAD

SHEET 16
SHEET 15

SHEET 17
SHEET 16

ST. DAVIDS WOOD

PROPOSED TOUCAN CROSSINGS WITH DROP KERB ARRANGEMENT

THORNDALE GROVE

EXISTING BUS STOP RETAINED

PROPOSED TOUCAN CROSSING WITH DROP KERB ARRANGEMENT

PROPOSED TOUCAN CROSSING WITH JUG TURN AND DROP KERB (OUTBOUND) ARRANGEMENT

ELM MOUNT ROAD

THORNDALE DRIVE

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

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Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
BCIDA	ACM		BCIDA-ACM-GEO_GA-0001_XX_00-DR-CR-0016	16 of 21	A	M01

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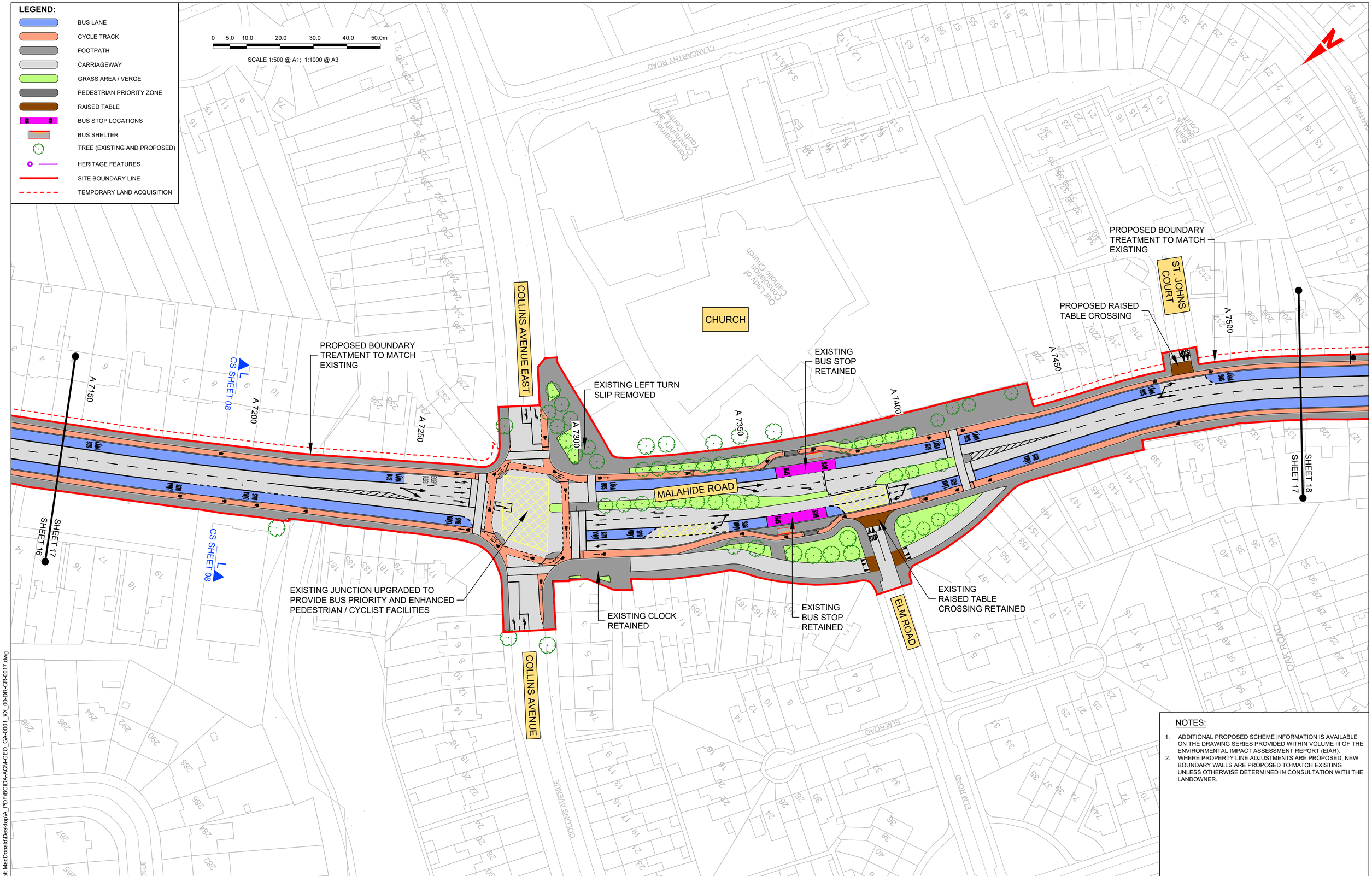

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Project Ireland 2040
Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
M01	03/12/21	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 GENERAL ARRANGEMENT

Date	Scale	Drawn	Checked	Approved
03/12/21	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-GEO_GA-0001_XX_00-DR-CR-0017	17 of 21	A	M01

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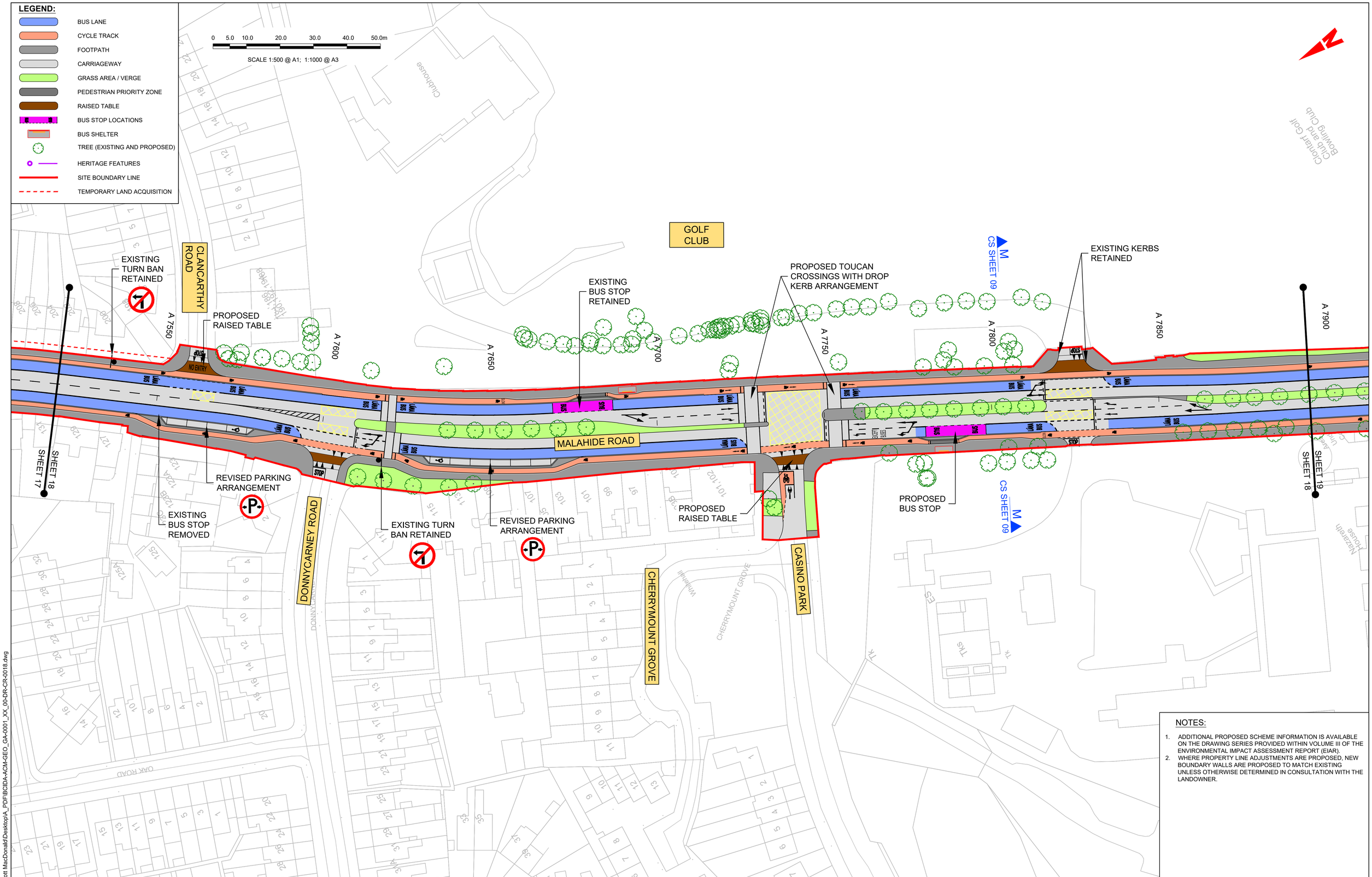
LEGEND:

- BUS LANE
- CYCLE TRACK
- FOOTPATH
- CARRIAGEWAY
- GRASS AREA / VERGE
- PEDESTRIAN PRIORITY ZONE
- RAISED TABLE
- BUS STOP LOCATIONS
- BUS SHELTER
- TREE (EXISTING AND PROPOSED)
- HERITAGE FEATURES
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

0 5.0 10.0 20.0 30.0 40.0 50.0m

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



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BCIDA	ACM		BCIDA-ACM-GEO_GA-0001_XX_00-DR-CR-0018	18 of 21	A	M01

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- CYCLE TRACK
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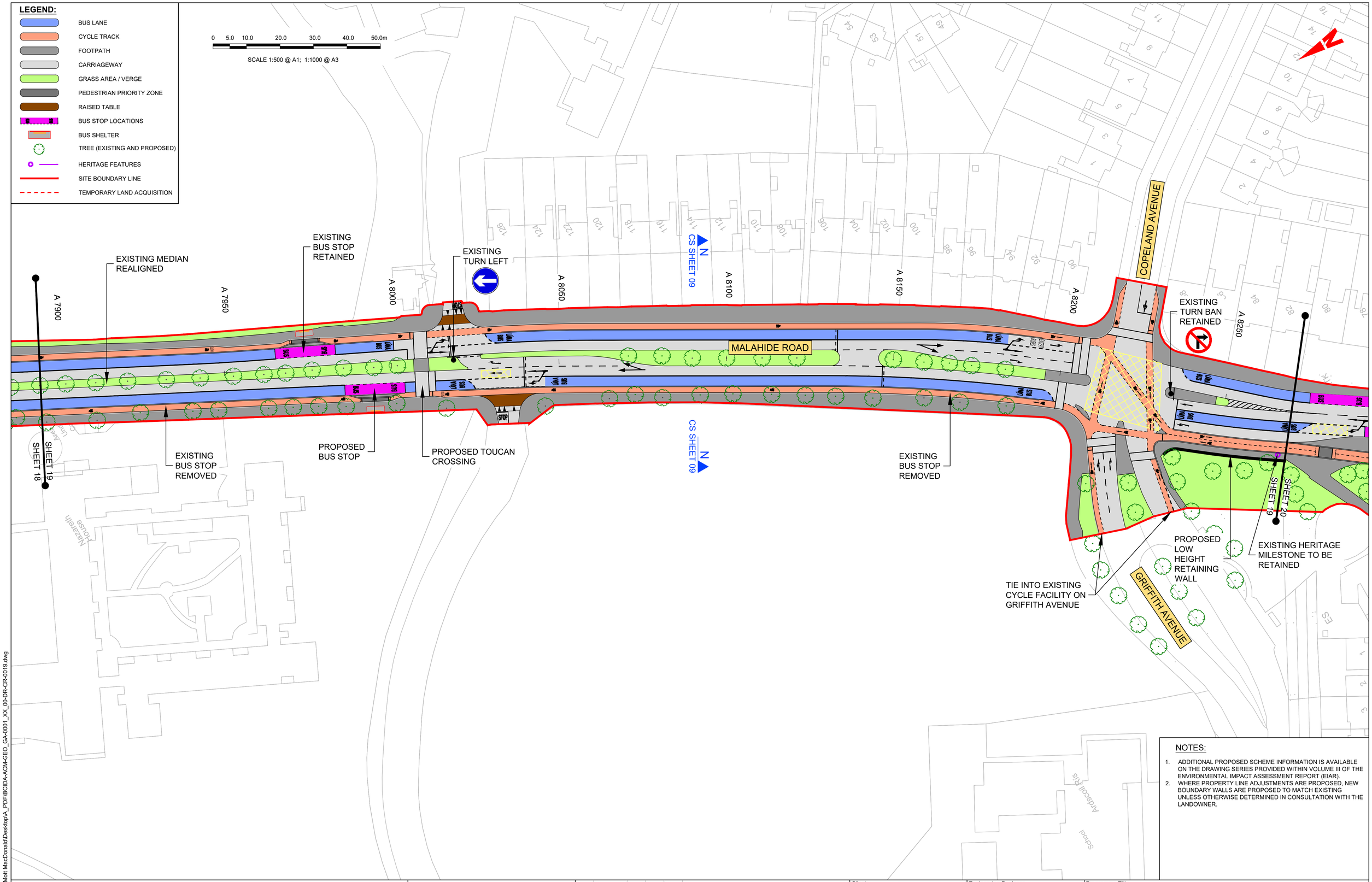

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BCIDA	ACM		BCIDA-ACM-GEO_GA-0001_XX_00-DR-CR-0019	19 of 21	A	M01

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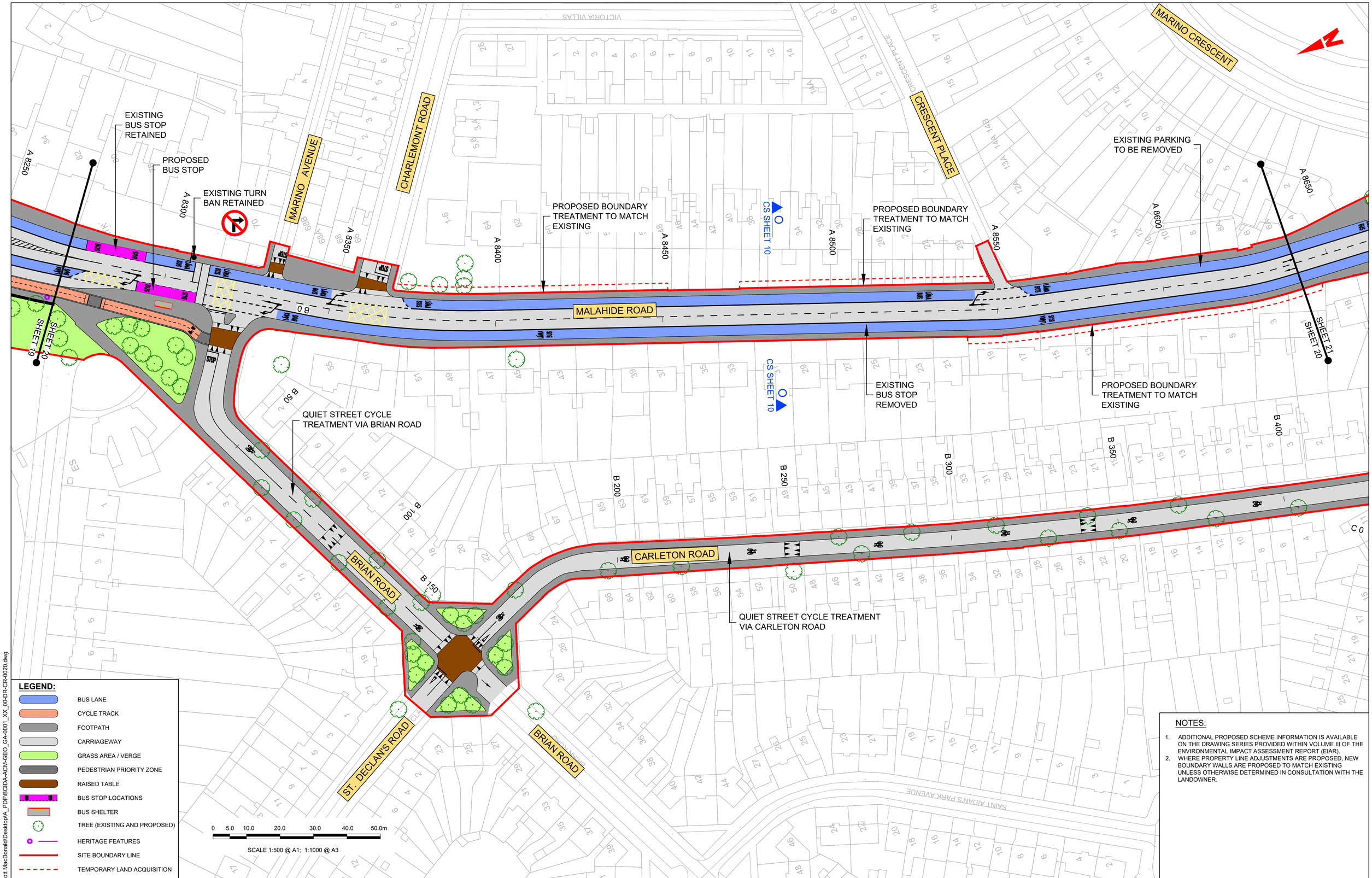

LEGEND:

- BUS LANE
- CYCLE TRACK
- FOOTPATH
- CARRIAGEWAY
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BCIDA	ACM		BCIDA-ACM-GEO_GA-0001_XX_00-DR-CR-0020	20 of 21	A	M01

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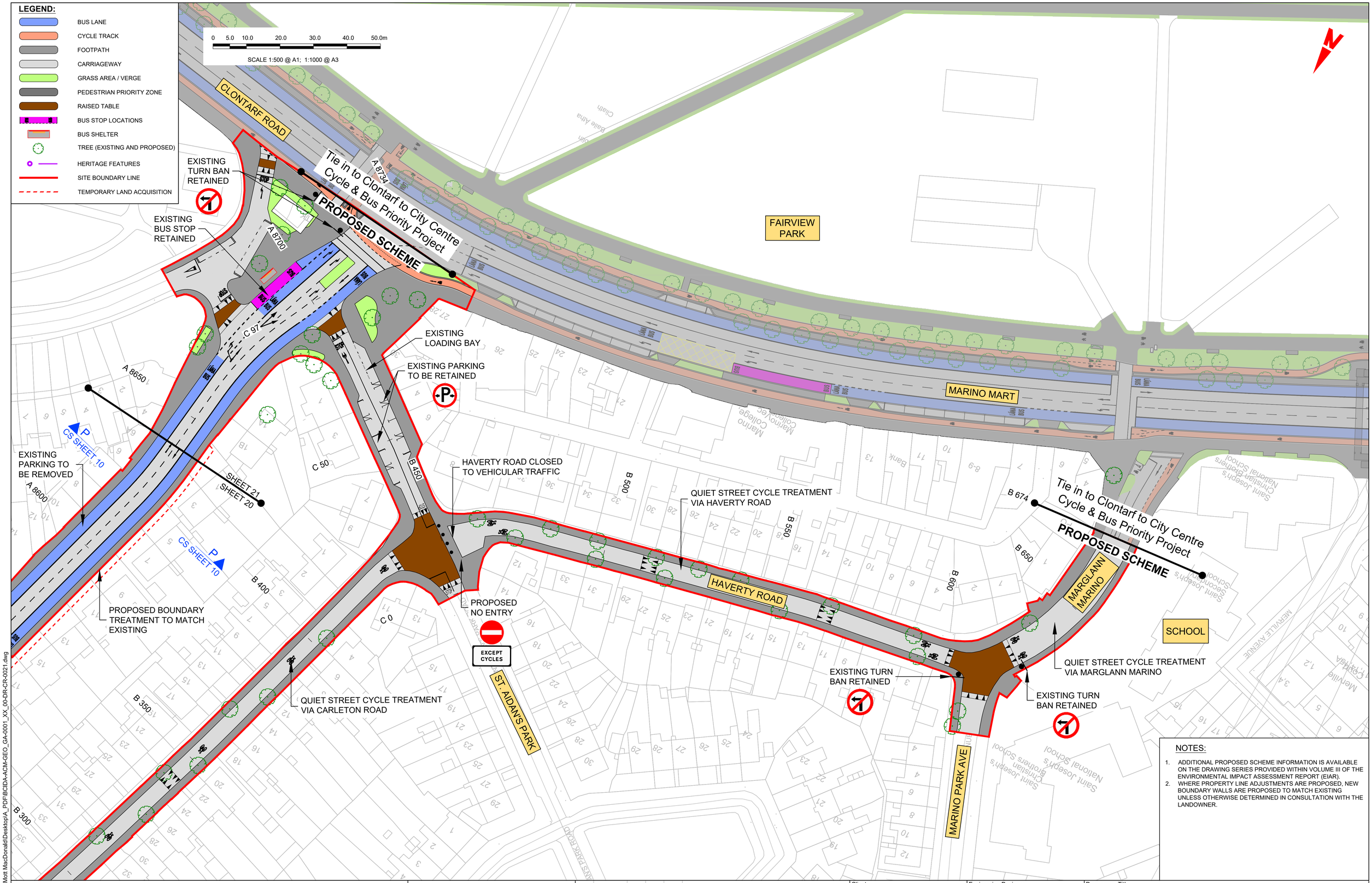

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BCIDA	ACM		BCIDA-ACM-GEO_GA-0001_XX_00-DR-CR-0021	21 of 21	A	M01

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