



Appendix B5

Landscaping General
Arrangement



BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS

BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME

DRAWING SERIES NUMBER(S)	DRAWING SERIES DESCRIPTION
BCIDB-JAC-ENV_IX-0013_XX_00-DR-LL-0001	BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME. LANDSCAPING DESIGN. COVER SHEET
BCIDB-JAC-ENV_KP-0013_XX_00-DR-LL-0001	BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME. LANDSCAPING DESIGN. KEY PLAN
BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0001 to 0054	BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME. LANDSCAPING DESIGN

LANDSCAPING DESIGN

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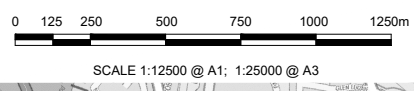
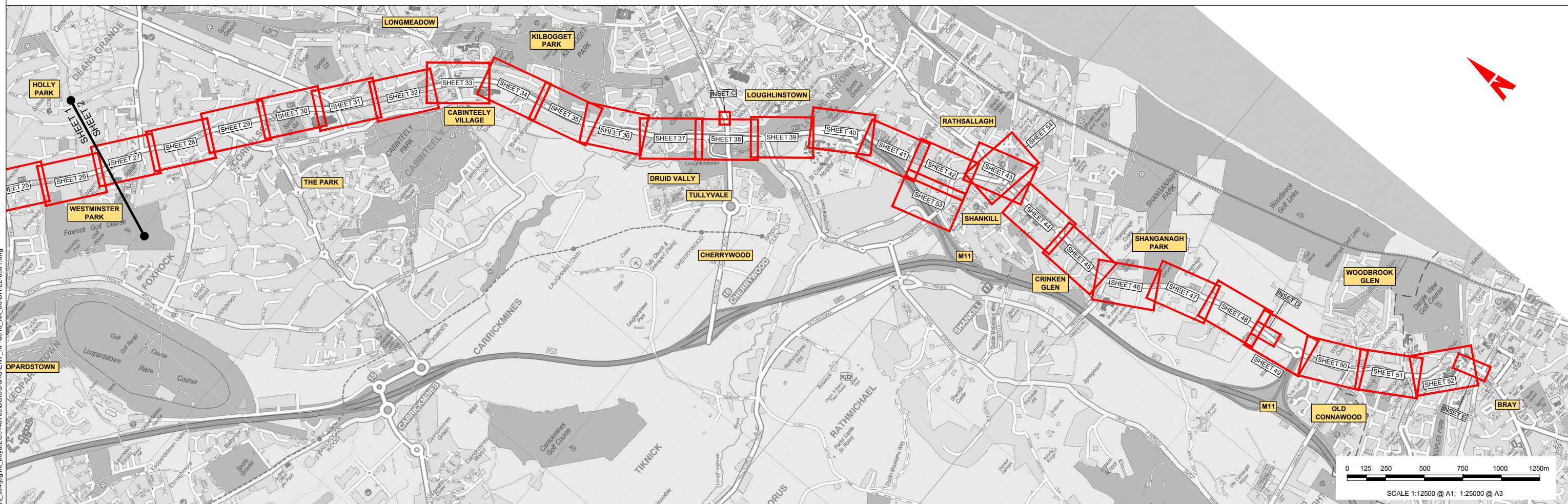
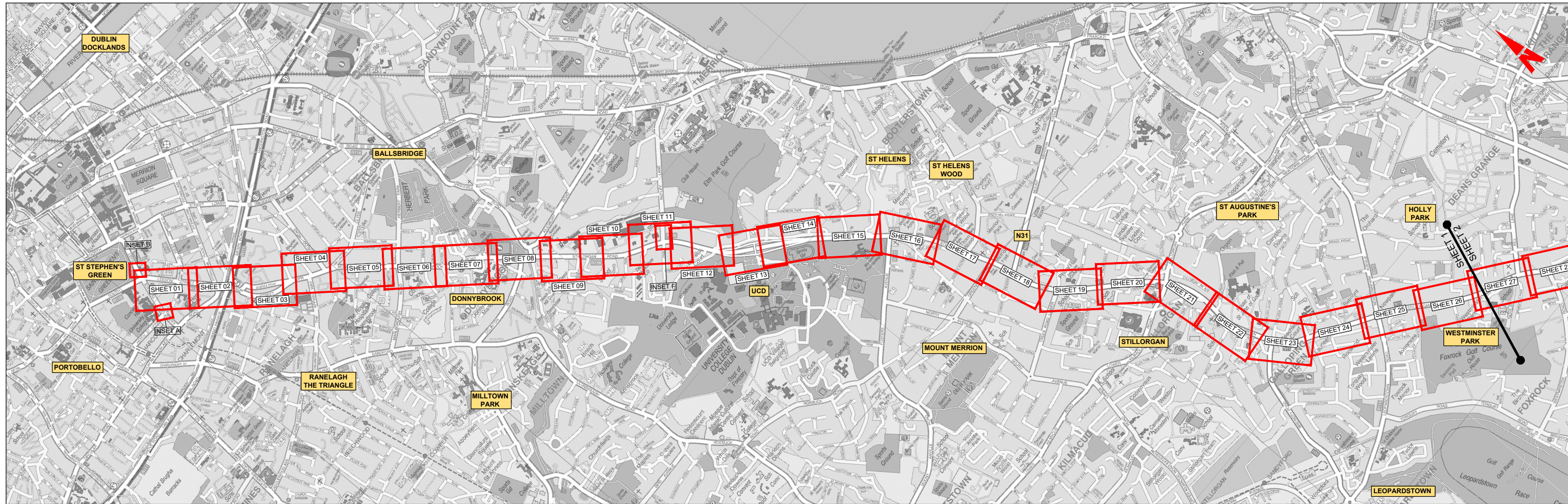


Rev	Date	Dm	Chk'd	App'd	Description
M01	08/05/2023	EC	ACW	RS	ISSUE FOR PHASE 4: PLANNING

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

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME LANDSCAPING DESIGN COVER SHEET				
Drawing File Name	Sheet Number	Status	Rev	
BCIDB-JAC-ENV_IX -0013_XX_00 -DR-LL -0001	01 of 01	A	M01	

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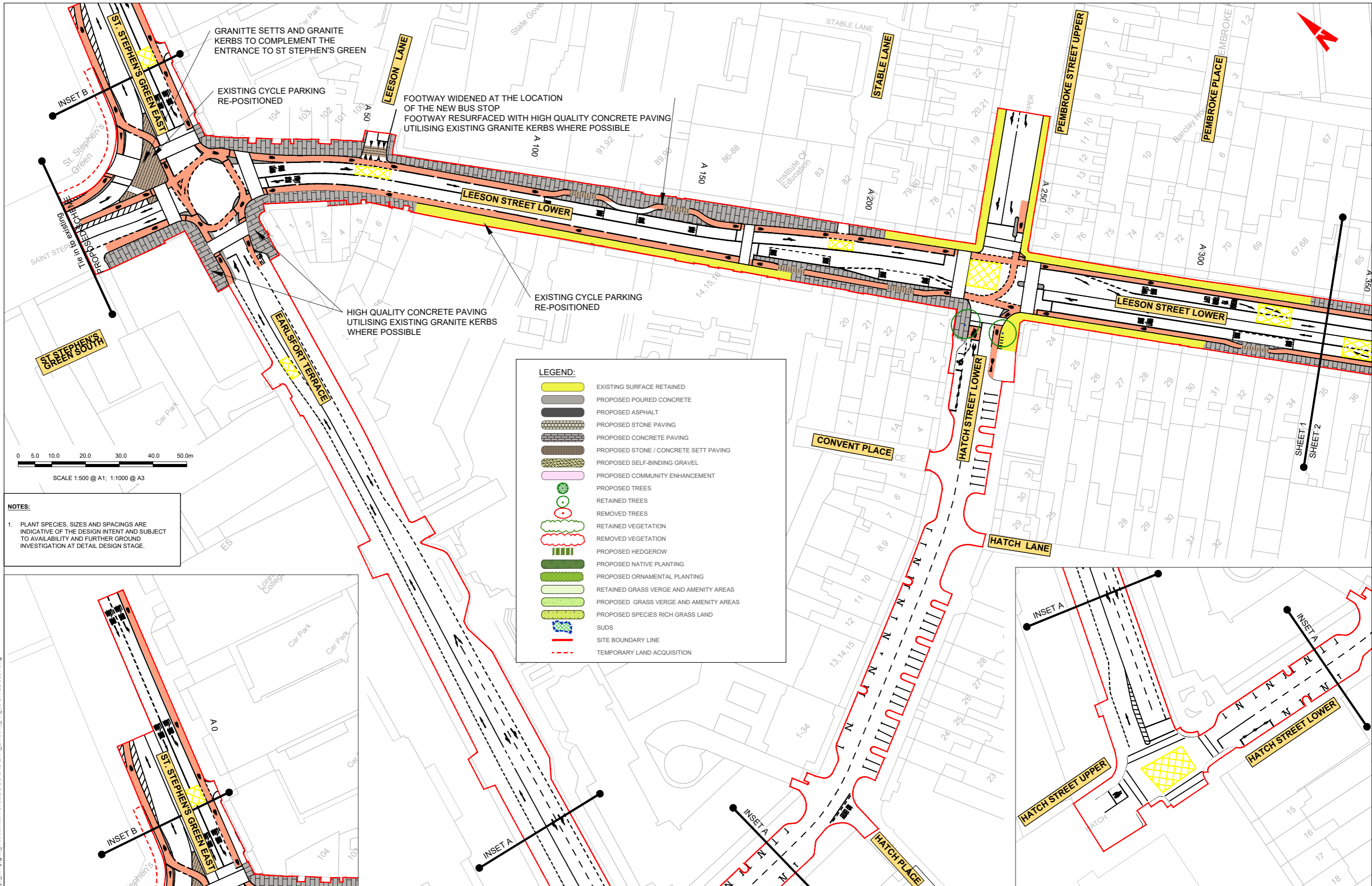


Rev	Date	Dm	Chk'd	App'd	Description
M01	08/05/2023	EC	ACW	RS	ISSUE FOR PHASE 4: PLANNING

Client		Engineering Designer		
 Údarás Náisiúnta Iompair National Transport Authority				
Date	Scale	Drawn	Checked	Approved
08/05/2023	1:12500 @ A1 1:25000 @ A3	EC	ACW	RS
Project Code	Originator Code	OMS Code		
BCIDB	JAC			

Programme Title			
BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title			
BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME LANDSCAPING DESIGN KEY PLAN			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-ENV_KP-0013_XX_00-DR-LL-0001	01 of 01	A	M01

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Building Ireland's Future

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

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

Engineering Designer: **Jacobs**

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

Project Code: BCIDB
Originator Code: JAC

Drawn: EC
Checked: ACW
Approved: RS

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

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME**
LANDSCAPING DESIGN

Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0001
Sheet Number: 01 of 54
Status: A
Rev: M01

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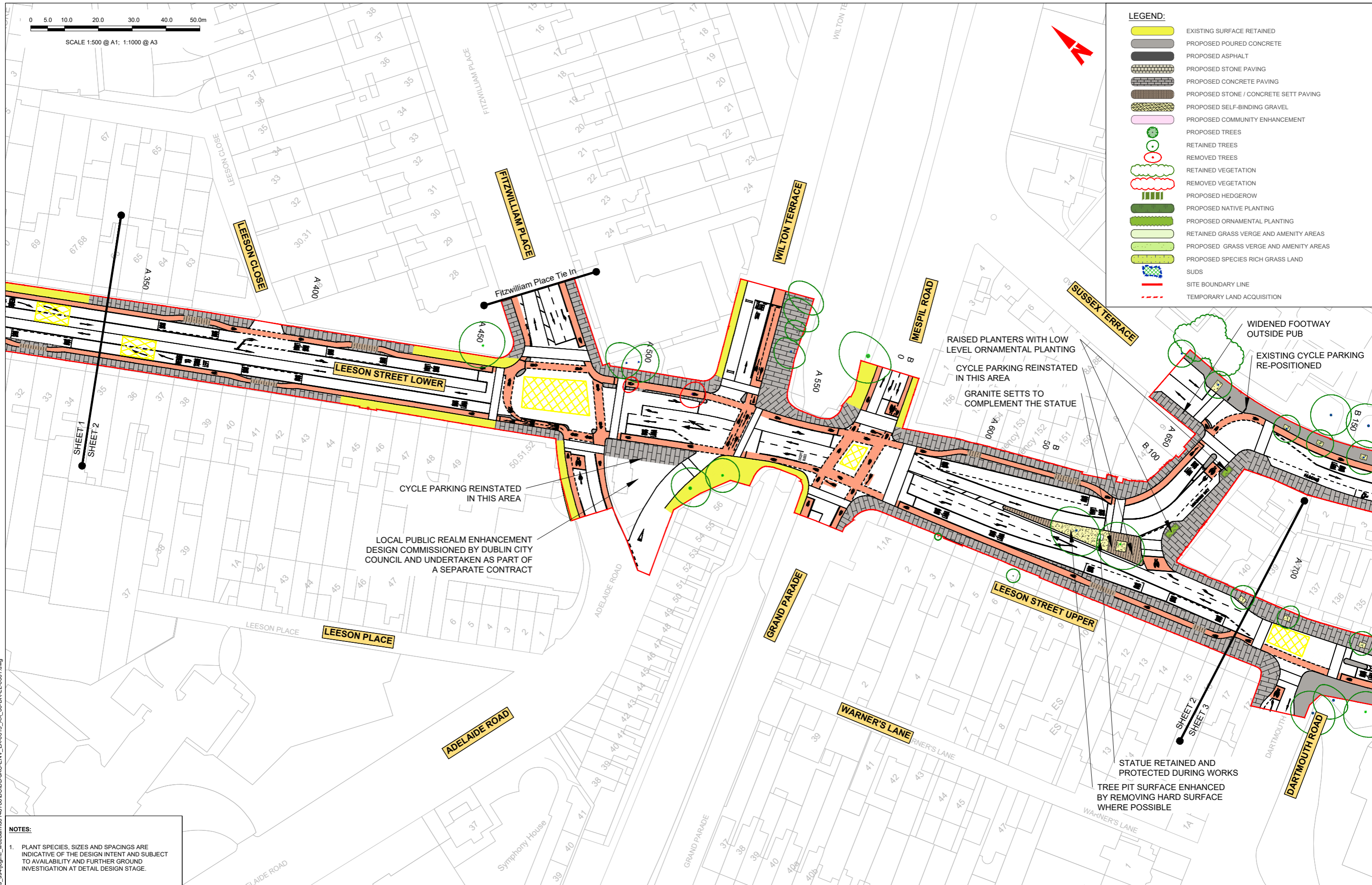
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SCALE 1:500 @ A1; 1:1000 @ A3

LEGEND:

- EXISTING SURFACE RETAINED
- PROPOSED POURED CONCRETE
- PROPOSED ASPHALT
- PROPOSED STONE PAVING
- PROPOSED CONCRETE PAVING
- PROPOSED STONE / CONCRETE SETT PAVING
- PROPOSED SELF-BINDING GRAVEL
- PROPOSED COMMUNITY ENHANCEMENT
- PROPOSED TREES
- RETAINED TREES
- REMOVED TREES
- RETAINED VEGETATION
- REMOVED VEGETATION
- PROPOSED HEDGEROW
- PROPOSED NATIVE PLANTING
- PROPOSED ORNAMENTAL PLANTING
- RETAINED GRASS VERGE AND AMENITY AREAS
- PROPOSED GRASS VERGE AND AMENITY AREAS
- PROPOSED SPECIES RICH GRASS LAND
- SUDS
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION



NOTES:

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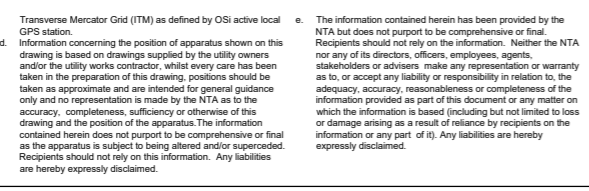
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Rev	Date	Drn	Chk'd	App'd	Description
M01	08/05/2023	EC	ACW	RS	ISSUE FOR PHASE 4: PLANNING

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

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

Project Code: BCIDB | Originator Code: JAC

Engineering Designer: **Jacobs**

Drawn: EC | Checked: ACW | Approved: RS

QMS Code:

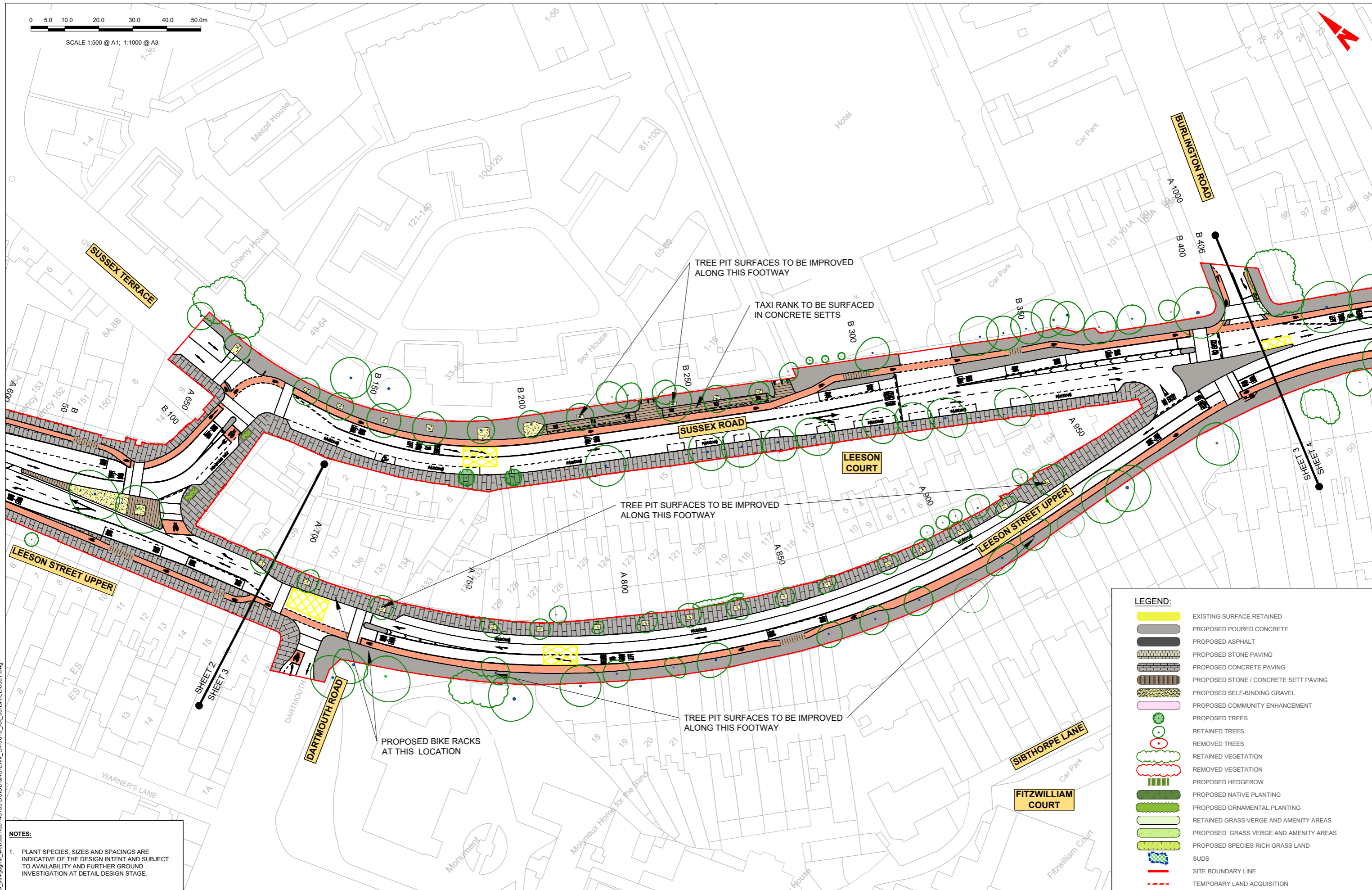
Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME LANDSCAPING DESIGN			
Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0002	Sheet Number: 02 of 54	Status: A	Rev: M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



NOTES:

- PLANT SPECIES, SIZES AND SPACINGS ARE INDICATIVE OF THE DESIGN INTENT AND SUBJECT TO AVAILABILITY AND FURTHER GROUND INVESTIGATION AT DETAIL DESIGN STAGE.

LEGEND:

- EXISTING SURFACE RETAINED
- PROPOSED POURED CONCRETE
- PROPOSED ASPHALT
- PROPOSED STONE PAVING
- PROPOSED CONCRETE PAVING
- PROPOSED STONE / CONCRETE SETT PAVING
- PROPOSED SELF-BINDING GRAVEL
- PROPOSED COMMUNITY ENHANCEMENT
- PROPOSED TREES
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- RETAINED VEGETATION
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- PROPOSED HEDGEROW
- PROPOSED NATIVE PLANTING
- PROPOSED ORNAMENTAL PLANTING
- RETAINED GRASS VERGE AND AMENITY AREAS
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Client: **NTA**
Údarás Náisiúnta Iompair
National Transport Authority

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

Project Code: BCIDB
Originator Code: JAC

Engineering Designer: **Jacobs**

Drawn: EC
Checked: ACW
Approved: RS

QMS Code:

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

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME**
LANDSCAPING DESIGN

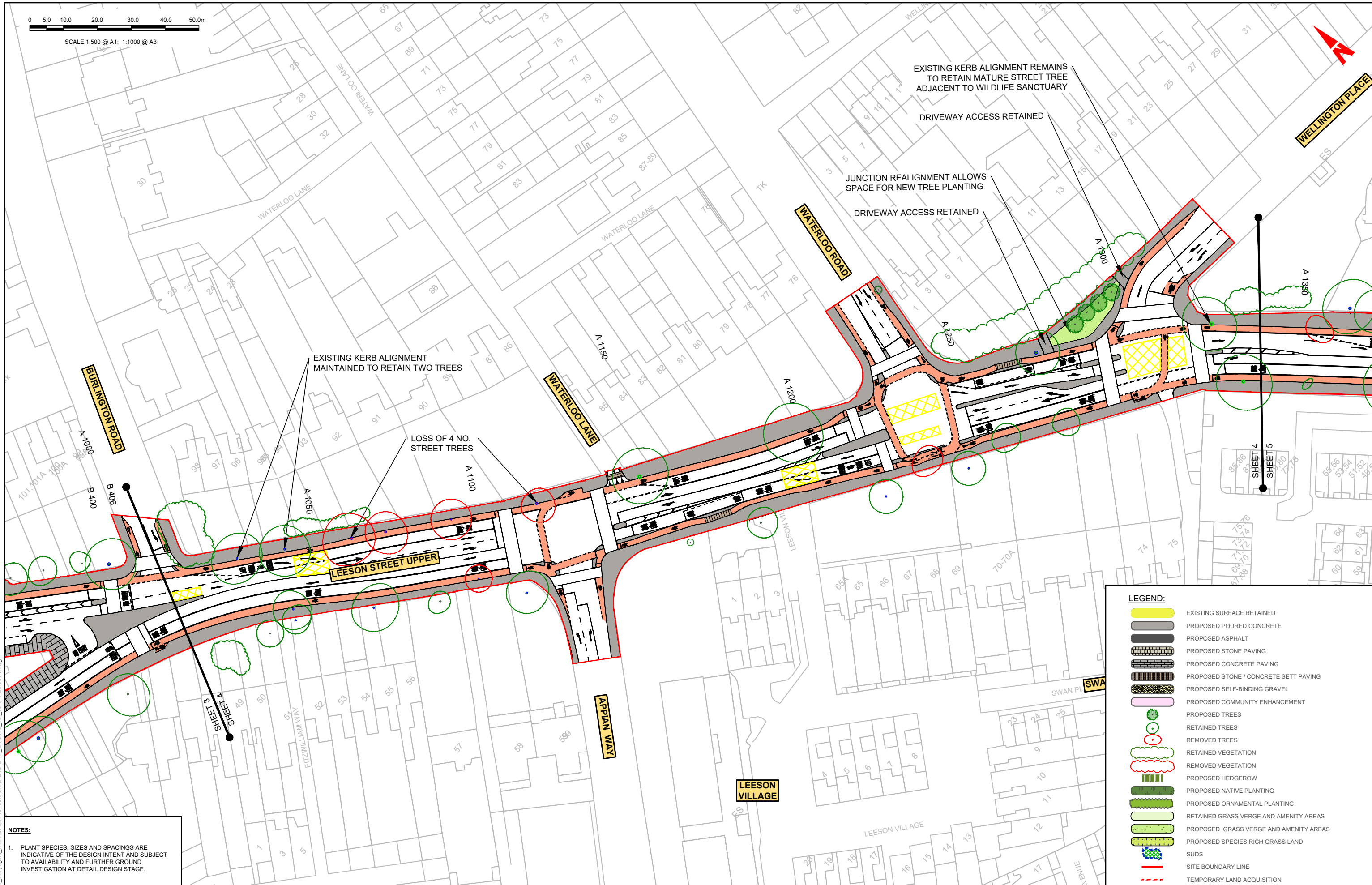
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Sheet Number: 03 of 54
Status: A
Rev: M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



EXISTING KERB ALIGNMENT MAINTAINED TO RETAIN TWO TREES

LOSS OF 4 NO. STREET TREES

EXISTING KERB ALIGNMENT REMAINS TO RETAIN MATURE STREET TREE ADJACENT TO WILDLIFE SANCTUARY

DRIVEWAY ACCESS RETAINED

JUNCTION REALIGNMENT ALLOWS SPACE FOR NEW TREE PLANTING

DRIVEWAY ACCESS RETAINED

NOTES:

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LEGEND:

	EXISTING SURFACE RETAINED
	PROPOSED POURED CONCRETE
	PROPOSED ASPHALT
	PROPOSED STONE PAVING
	PROPOSED CONCRETE PAVING
	PROPOSED STONE / CONCRETE SETT PAVING
	PROPOSED SELF-BINDING GRAVEL
	PROPOSED COMMUNITY ENHANCEMENT
	PROPOSED TREES
	RETAINED TREES
	REMOVED TREES
	RETAINED VEGETATION
	REMOVED VEGETATION
	PROPOSED HEDGEROW
	PROPOSED NATIVE PLANTING
	PROPOSED ORNAMENTAL PLANTING
	RETAINED GRASS VERGE AND AMENITY AREAS
	PROPOSED GRASS VERGE AND AMENITY AREAS
	PROPOSED SPECIES RICH GRASS LAND
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Client: **NTA**
Údarás Náisiúnta Iompair
National Transport Authority

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

Engineering Designer: **Jacobs**

Drawn: EC	Checked: ACW	Approved: RS
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Project Code: BCIDB Originator Code: JAC

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

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME**
LANDSCAPING DESIGN

Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0004	Sheet Number: 04 of 54	Status: A	Rev: M01
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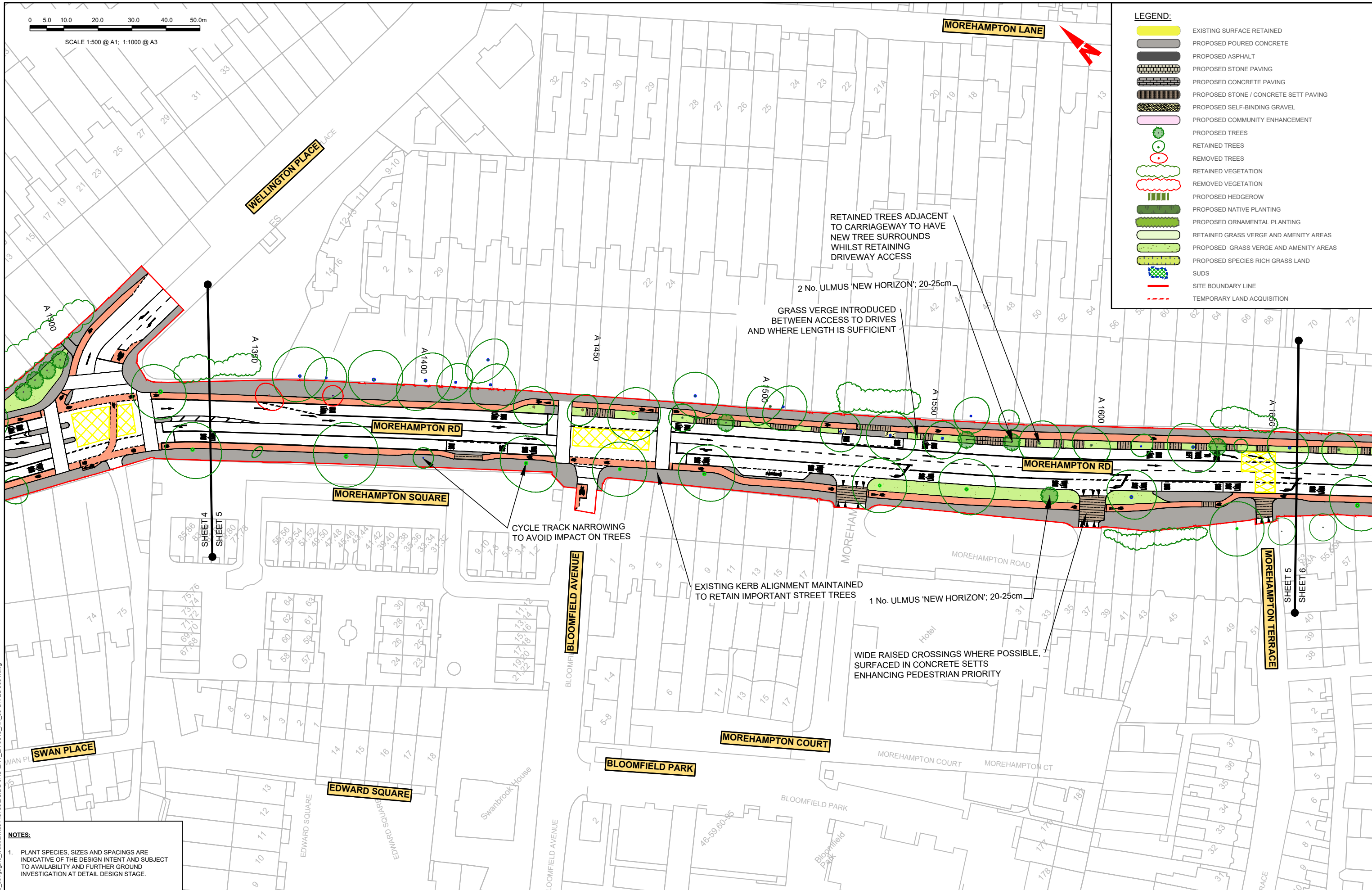
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0 5.0 10.0 20.0 30.0 40.0 50.0m

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

LEGEND:

- EXISTING SURFACE RETAINED
- PROPOSED POURED CONCRETE
- PROPOSED ASPHALT
- PROPOSED STONE PAVING
- PROPOSED CONCRETE PAVING
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National Transport Authority

Jacobs

Engineering Designer

Date	08/05/2023	Scale	1:500 @ A1 1:1000 @ A3	Drawn	EC	Checked	ACW	Approved	RS
Project Code	BCIDB	Originator Code	JAC	QMS Code					

Programme Title
BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title
BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
LANDSCAPING DESIGN

Drawing File Name
BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0005

Sheet Number
05 of 54

Status
A

Rev
M01

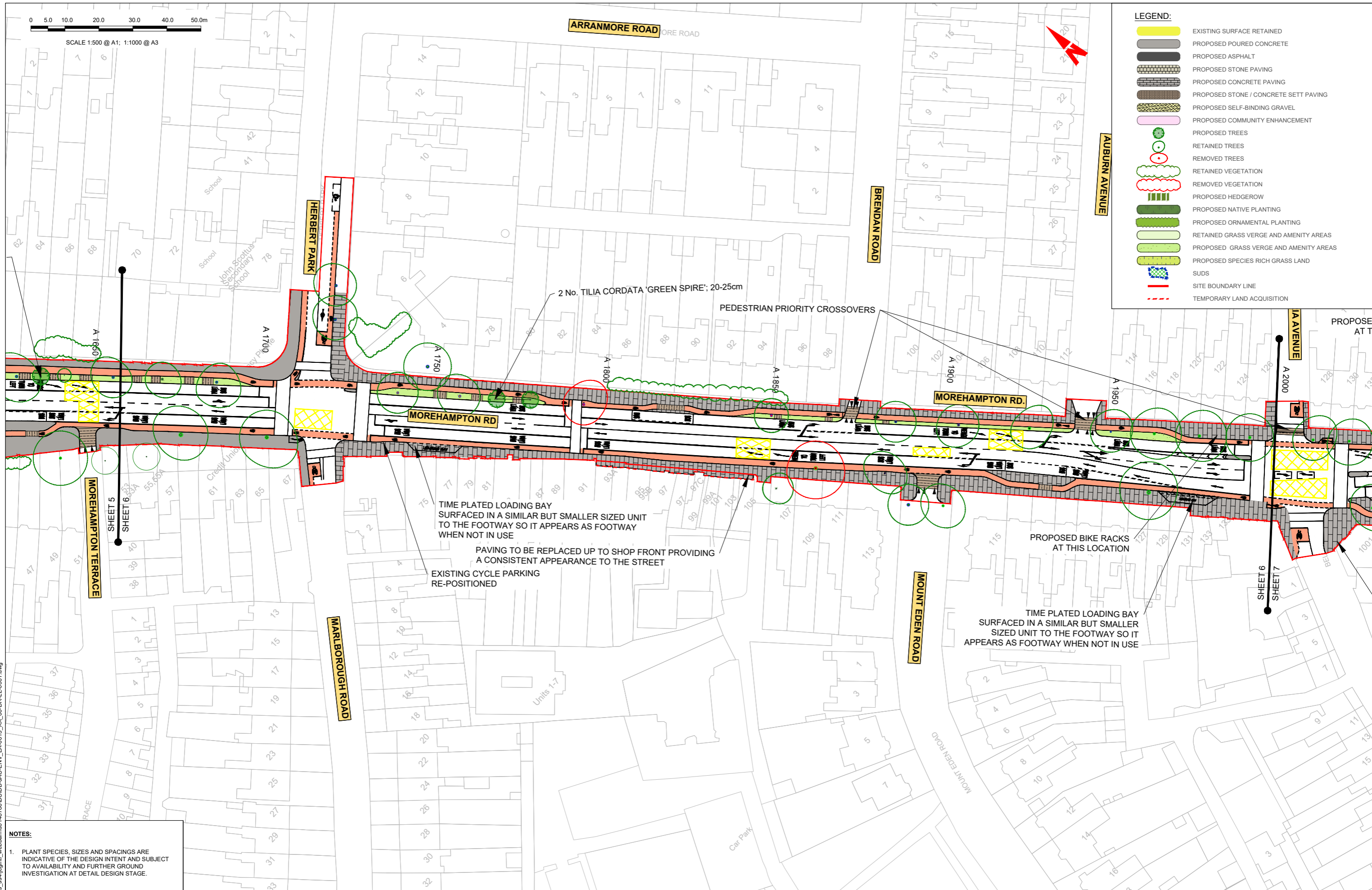
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SCALE 1:500 @ A1; 1:1000 @ A3

LEGEND:

	EXISTING SURFACE RETAINED
	PROPOSED POURED CONCRETE
	PROPOSED ASPHALT
	PROPOSED STONE PAVING
	PROPOSED CONCRETE PAVING
	PROPOSED STONE / CONCRETE SETT PAVING
	PROPOSED SELF-BINDING GRAVEL
	PROPOSED COMMUNITY ENHANCEMENT
	PROPOSED TREES
	RETAINED TREES
	REMOVED TREES
	RETAINED VEGETATION
	REMOVED VEGETATION
	PROPOSED HEDGEROW
	PROPOSED NATIVE PLANTING
	PROPOSED ORNAMENTAL PLANTING
	RETAINED GRASS VERGE AND AMENITY AREAS
	PROPOSED GRASS VERGE AND AMENITY AREAS
	PROPOSED SPECIES RICH GRASS LAND
	SUDS
	SITE BOUNDARY LINE
	TEMPORARY LAND ACQUISITION



NOTES:

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Rev	Date	Drm	Chk'd	App'd	Description
M01	08/05/2023	EC	ACW	RS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

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

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

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

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME LANDSCAPING DESIGN**

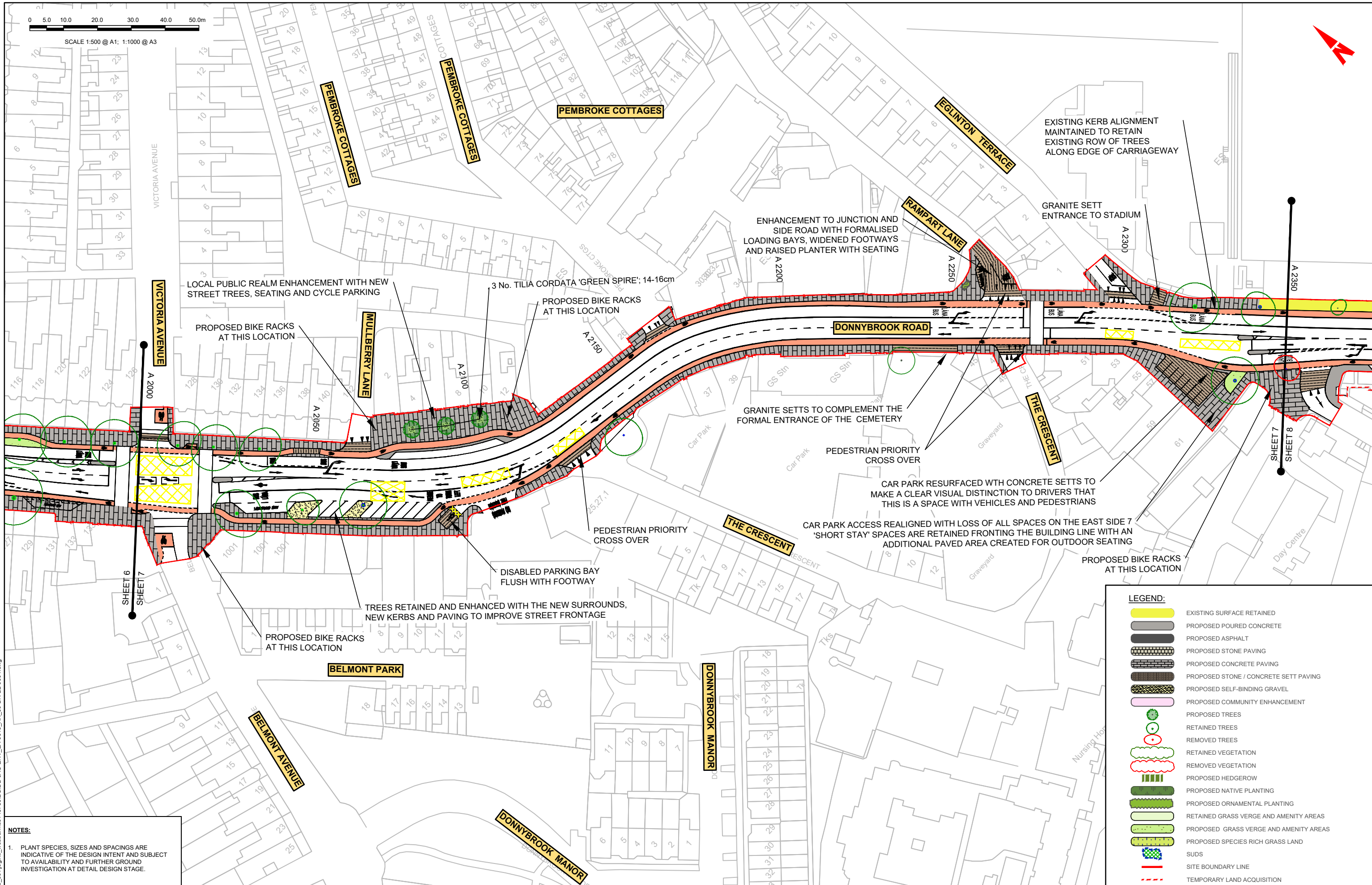
Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0006	Sheet Number: 06 of 54	Status: A	Rev: M01
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DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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



LEGEND:

- EXISTING SURFACE RETAINED
- PROPOSED POURED CONCRETE
- PROPOSED ASPHALT
- PROPOSED STONE PAVING
- PROPOSED CONCRETE PAVING
- PROPOSED STONE / CONCRETE SETT PAVING
- PROPOSED SELF-BINDING GRAVEL
- PROPOSED COMMUNITY ENHANCEMENT
- PROPOSED TREES
- RETAINED TREES
- REMOVED TREES
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- REMOVED VEGETATION
- PROPOSED HEDGEROW
- PROPOSED NATIVE PLANTING
- PROPOSED ORNAMENTAL PLANTING
- RETAINED GRASS VERGE AND AMENITY AREAS
- PROPOSED GRASS VERGE AND AMENITY AREAS
- PROPOSED SPECIES RICH GRASS LAND
- SUDS
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Client: **NTA**
Údarás Náisiúnta Iompair
National Transport Authority

Engineering Designer: **Jacobs**

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

Drawn: EC Checked: ACW Approved: RS

Project Code: BCIDB Originator Code: JAC QMS Code:

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

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME**
LANDSCAPING DESIGN

Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0001

Sheet Number: 07 of 54 Status: A Rev: M01























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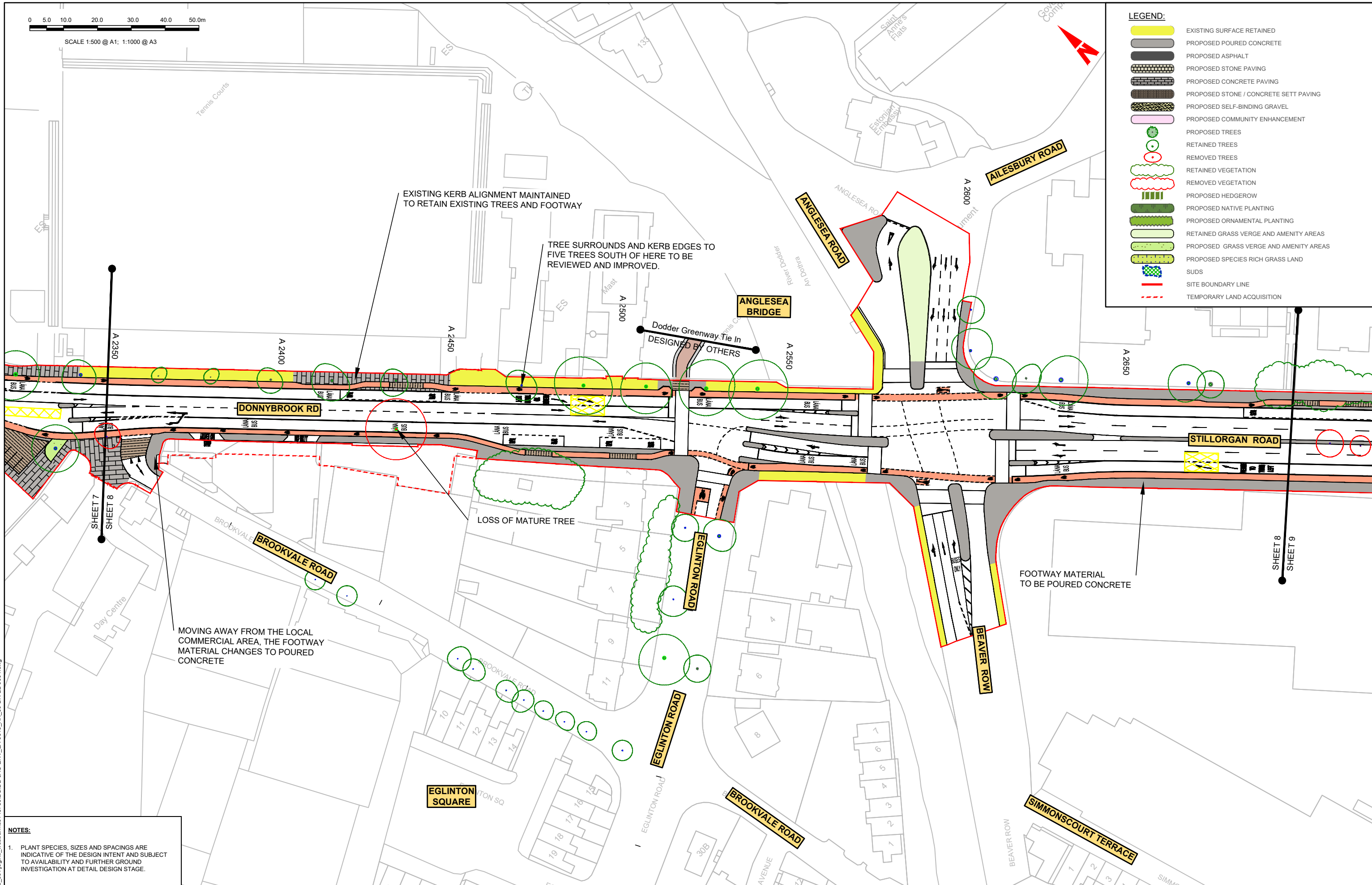
C:\pwworking\jacobs_uk_highways_s4\legnrl_web\bam0148786\BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0001.dwg

0 5.0 10.0 20.0 30.0 40.0 50.0m

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

LEGEND:

-  EXISTING SURFACE RETAINED
-  PROPOSED POURED CONCRETE
-  PROPOSED ASPHALT
-  PROPOSED STONE PAVING
-  PROPOSED CONCRETE PAVING
-  PROPOSED STONE / CONCRETE SETT PAVING
-  PROPOSED SELF-BINDING GRAVEL
-  PROPOSED COMMUNITY ENHANCEMENT
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Client: **NTA**
 Údarás Náisiúnta Iompair
 National Transport Authority

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

Engineering Designer: **Jacobs**

Drawn: EC
 Checked: ACW
 Approved: RS

Project Code: BCIDB
 Originator Code: JAC

QMS Code:

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

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME**
LANDSCAPING DESIGN

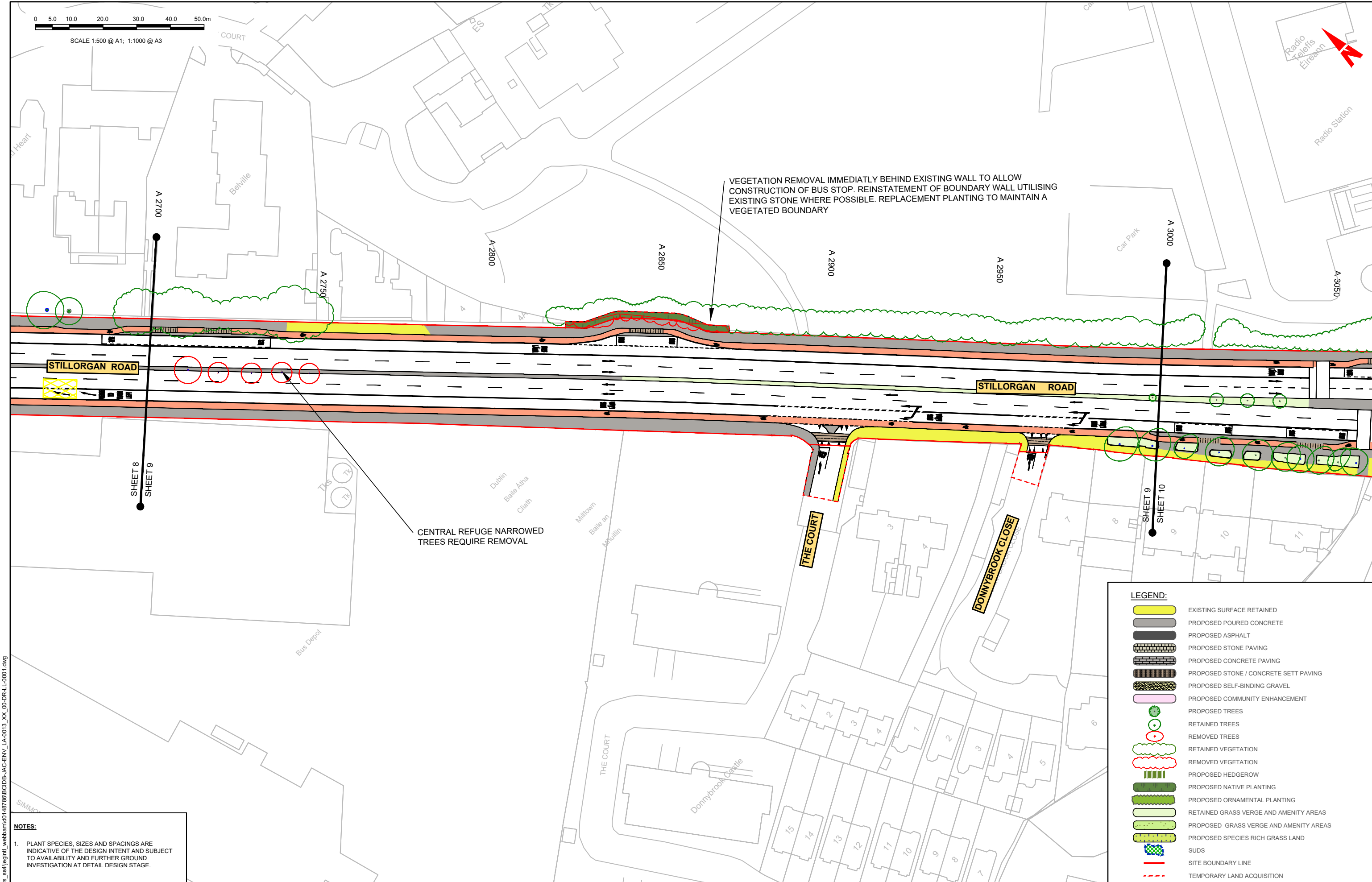
Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0001

Sheet Number: 08 of 54
 Status: A
 Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

0 5.0 10.0 20.0 30.0 40.0 50.0m

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



LEGEND:

- EXISTING SURFACE RETAINED
- PROPOSED POURED CONCRETE
- PROPOSED ASPHALT
- PROPOSED STONE PAVING
- PROPOSED CONCRETE PAVING
- PROPOSED STONE / CONCRETE SETT PAVING
- PROPOSED SELF-BINDING GRAVEL
- PROPOSED COMMUNITY ENHANCEMENT
- PROPOSED TREES
- RETAINED TREES
- REMOVED TREES
- RETAINED VEGETATION
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Client: **NTA**
Údarás Náisiúnta Iompair
National Transport Authority

Engineering Designer: **Jacobs**

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

Project Code: BCIDB Originator Code: JAC

Drawn: EC, Checked: ACW, Approved: RS

QMS Code:

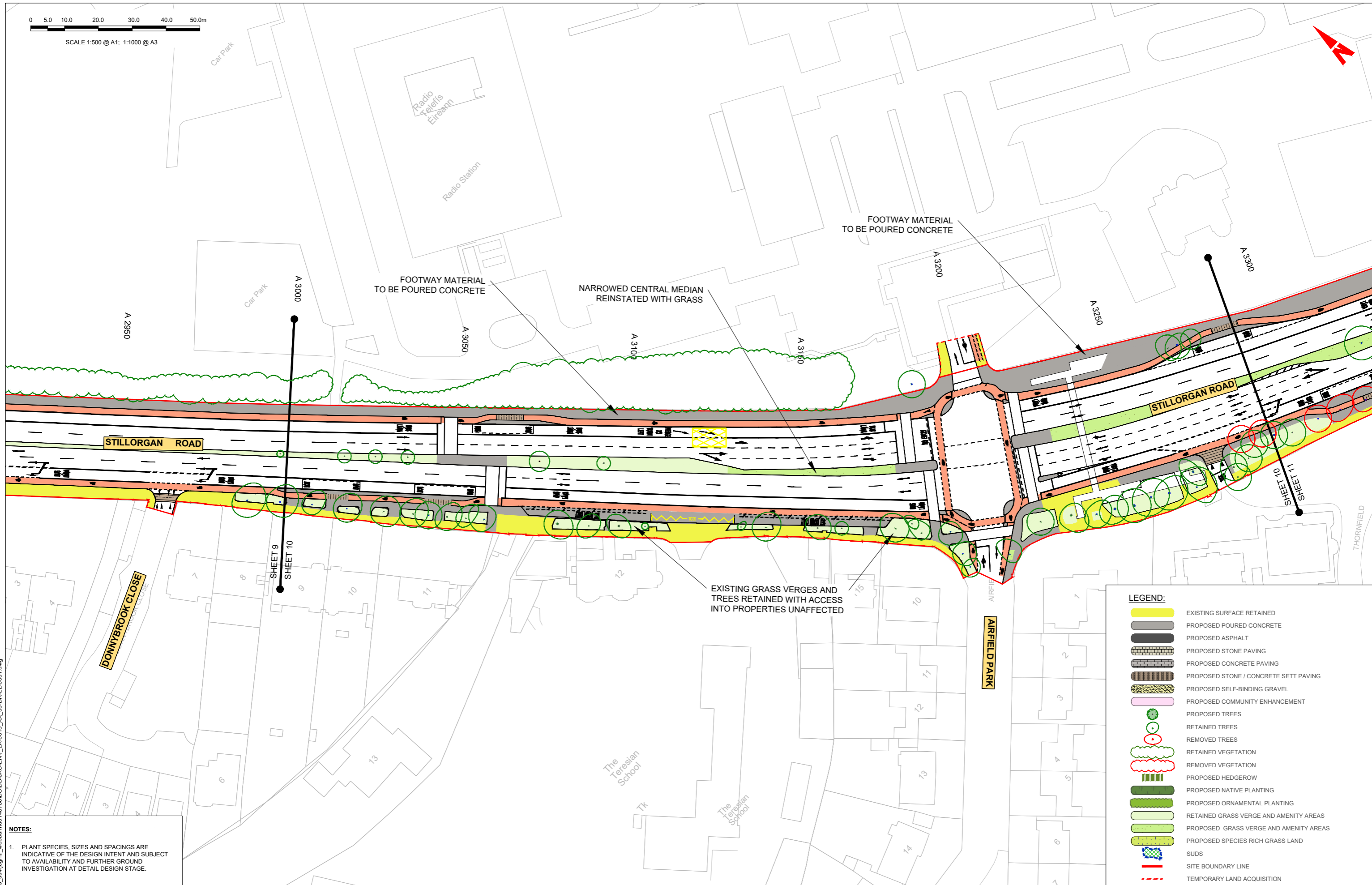
Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME LANDSCAPING DESIGN			
Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0009	Sheet Number: 09 of 54	Status: A	Rev: M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



LEGEND:

- EXISTING SURFACE RETAINED
- PROPOSED POURED CONCRETE
- PROPOSED ASPHALT
- PROPOSED STONE PAVING
- PROPOSED CONCRETE PAVING
- PROPOSED STONE / CONCRETE SETT PAVING
- PROPOSED SELF-BINDING GRAVEL
- PROPOSED COMMUNITY ENHANCEMENT
- PROPOSED TREES
- RETAINED TREES
- REMOVED TREES
- RETAINED VEGETATION
- REMOVED VEGETATION
- PROPOSED HEDGEROW
- PROPOSED NATIVE PLANTING
- PROPOSED ORNAMENTAL PLANTING
- RETAINED GRASS VERGE AND AMENITY AREAS
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Údarás Náisiúnta Iompair
National Transport Authority

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

Project Code: BCIDB Originator Code: JAC

Engineering Designer: **Jacobs**

Drawn: EC Checked: ACW Approved: RS

QMS Code:

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

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME**
LANDSCAPING DESIGN

Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0010 Sheet Number: 10 of 54 Status: A Rev: M01



















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0 5.0 10.0 20.0 30.0 40.0 50.0m

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

LEGEND:

-  EXISTING SURFACE RETAINED
-  PROPOSED POURED CONCRETE
-  PROPOSED ASPHALT
-  PROPOSED STONE PAVING
-  PROPOSED CONCRETE PAVING
-  PROPOSED STONE / CONCRETE SETT PAVING
-  PROPOSED SELF-BINDING GRAVEL
-  PROPOSED COMMUNITY ENHANCEMENT
-  PROPOSED TREES
-  RETAINED TREES
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-  PROPOSED SPECIES RICH GRASS LAND
-  SUDS
-  SITE BOUNDARY LINE
-  TEMPORARY LAND ACQUISITION

SPECIES RICH GRASS VERGE TO INCREASE AREAS OF PERMEABLE SURFACE AND IMPROVE BIO-DIVERSITY

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

VEHICLE ACCESS TO PROPERTY MAINTAINED

CENTRAL RESERVE NARROWS

TREE REMOVAL TO ALLOW FOR CREATION OF BUS STOP

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Client
NTA
Údarás Náisiúnta Iompair
National Transport Authority

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

Project Code: BCIDB
Originator Code: JAC

Engineering Designer
Jacobs

Drawn: EC
Checked: ACW
Approved: RS

QMS Code

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

Drawing Title
BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
LANDSCAPING DESIGN

Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0011
Sheet Number: 11 of 54
Status: A
Rev: M01

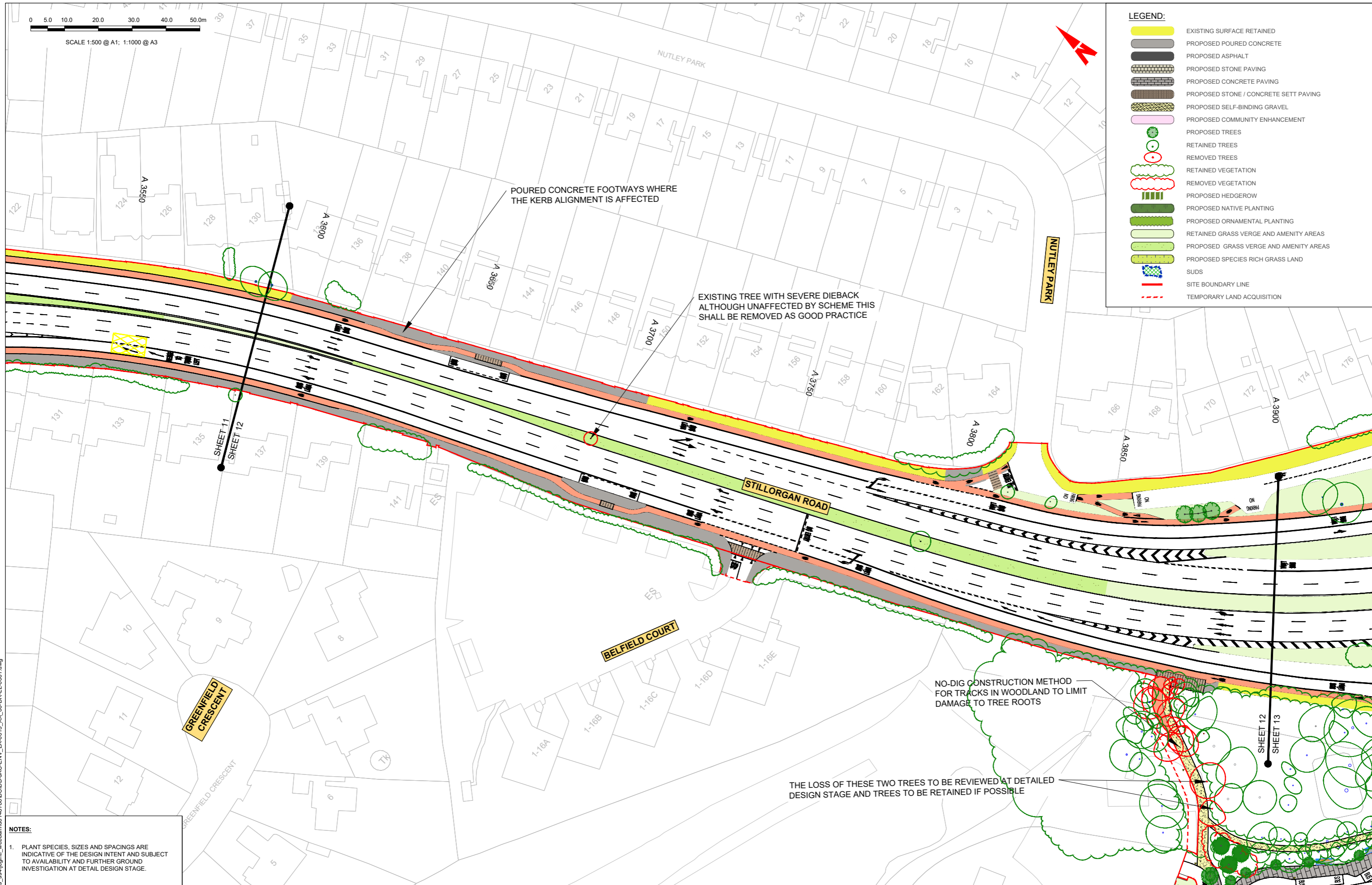
DO NOT SCALE USE FIGURED DIMENSIONS ONLY



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

LEGEND:

	EXISTING SURFACE RETAINED
	PROPOSED POURED CONCRETE
	PROPOSED ASPHALT
	PROPOSED STONE PAVING
	PROPOSED CONCRETE PAVING
	PROPOSED STONE / CONCRETE SETT PAVING
	PROPOSED SELF-BINDING GRAVEL
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	PROPOSED TREES
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Údarás Náisiúnta Iompair
National Transport Authority

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

Project Code: BCIDB | Originator Code: JAC

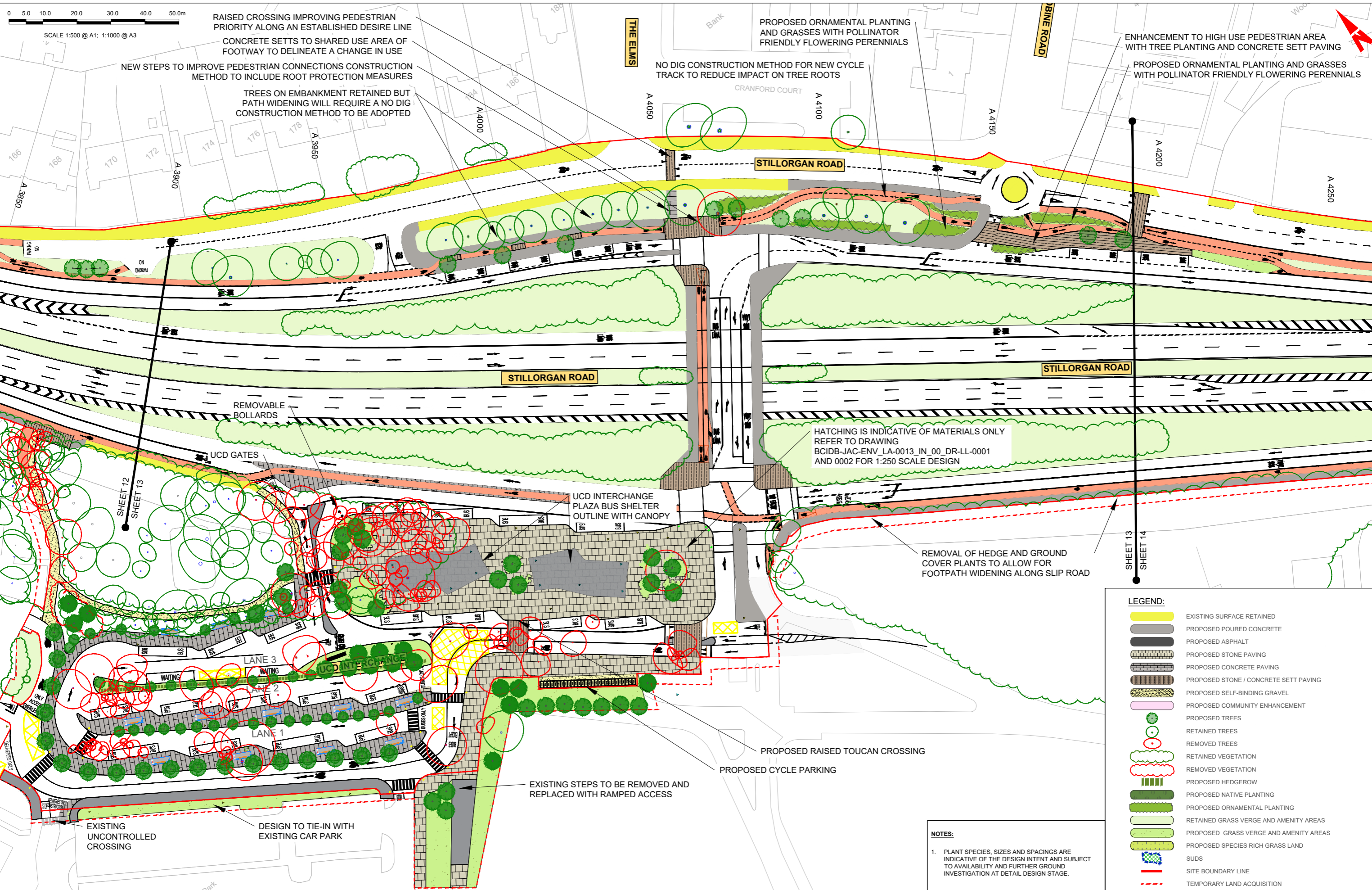
Engineering Designer: **Jacobs**

Drawn: EC | Checked: ACW | Approved: RS

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME LANDSCAPING DESIGN			
Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0012	Sheet Number: 12 of 54	Status: A	Rev: M01

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RAISED CROSSING IMPROVING PEDESTRIAN PRIORITY ALONG AN ESTABLISHED DESIRE LINE
 CONCRETE SETTS TO SHARED USE AREA OF FOOTWAY TO DELINEATE A CHANGE IN USE
 NEW STEPS TO IMPROVE PEDESTRIAN CONNECTIONS CONSTRUCTION METHOD TO INCLUDE ROOT PROTECTION MEASURES
 TREES ON EMBANKMENT RETAINED BUT PATH WIDENING WILL REQUIRE A NO DIG CONSTRUCTION METHOD TO BE ADOPTED

PROPOSED ORNAMENTAL PLANTING AND GRASSES WITH POLLINATOR FRIENDLY FLOWERING PERENNIALS

ENHANCEMENT TO HIGH USE PEDESTRIAN AREA WITH TREE PLANTING AND CONCRETE SETT PAVING

PROPOSED ORNAMENTAL PLANTING AND GRASSES WITH POLLINATOR FRIENDLY FLOWERING PERENNIALS

NO DIG CONSTRUCTION METHOD FOR NEW CYCLE TRACK TO REDUCE IMPACT ON TREE ROOTS

STILLLOGAN ROAD

STILLLOGAN ROAD

STILLLOGAN ROAD

REMOVABLE BOLLARDS

UCD GATES

UCD INTERCHANGE PLAZA BUS SHELTER OUTLINE WITH CANOPY

HATCHING IS INDICATIVE OF MATERIALS ONLY REFER TO DRAWING BCIDB-JAC-ENV_LA-0013_IN_00_DR-LL-0001 AND 0002 FOR 1:250 SCALE DESIGN

REMOVAL OF HEDGE AND GROUND COVER PLANTS TO ALLOW FOR FOOTPATH WIDENING ALONG SLIP ROAD

PROPOSED RAISED TOUCAN CROSSING

PROPOSED CYCLE PARKING

EXISTING STEPS TO BE REMOVED AND REPLACED WITH RAMPED ACCESS

EXISTING UNCONTROLLED CROSSING

DESIGN TO TIE-IN WITH EXISTING CAR PARK

LEGEND:

- EXISTING SURFACE RETAINED
- PROPOSED POURED CONCRETE
- PROPOSED ASPHALT
- PROPOSED STONE PAVING
- PROPOSED CONCRETE PAVING
- PROPOSED STONE / CONCRETE SETT PAVING
- PROPOSED SELF-BINDING GRAVEL
- PROPOSED COMMUNITY ENHANCEMENT
- PROPOSED TREES
- RETAINED TREES
- REMOVED TREES
- RETAINED VEGETATION
- REMOVED VEGETATION
- PROPOSED HEDGEROW
- PROPOSED NATIVE PLANTING
- PROPOSED ORNAMENTAL PLANTING
- RETAINED GRASS VERGE AND AMENITY AREAS
- PROPOSED GRASS VERGE AND AMENITY AREAS
- PROPOSED SPECIES RICH GRASS LAND
- SUDS
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

NOTES:

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

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

Engineering Designer: **Jacobs**

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

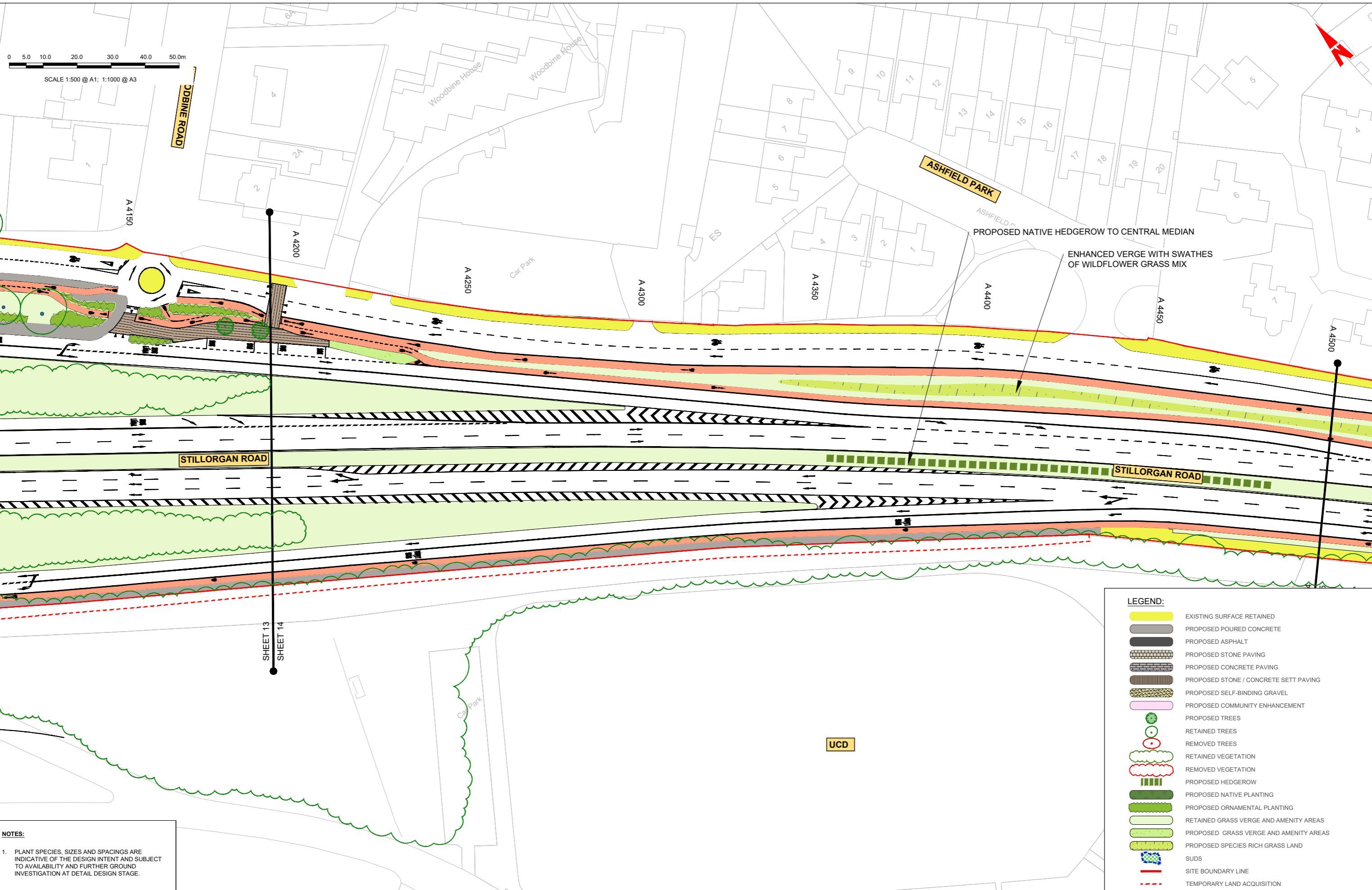
Project Code: BCIDB
 Originator Code: JAC

Drawn: EC
 Checked: ACW
 Approved: RS

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

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME**
LANDSCAPING DESIGN

Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0013
 Sheet Number: 13 of 54
 Status: A
 Rev: M01



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Project Ireland 2040
Building Ireland's Future

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Údarás Náisiúnta Iompair
National Transport Authority

Engineering Designer: **Jacobs**

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

Project Code: BCIDB | Originator Code: JAC

Drawn: EC | Checked: ACW | Approved: RS

Programme Title: **BUSCONNECTS DUBLIN**
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Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME**
LANDSCAPING DESIGN

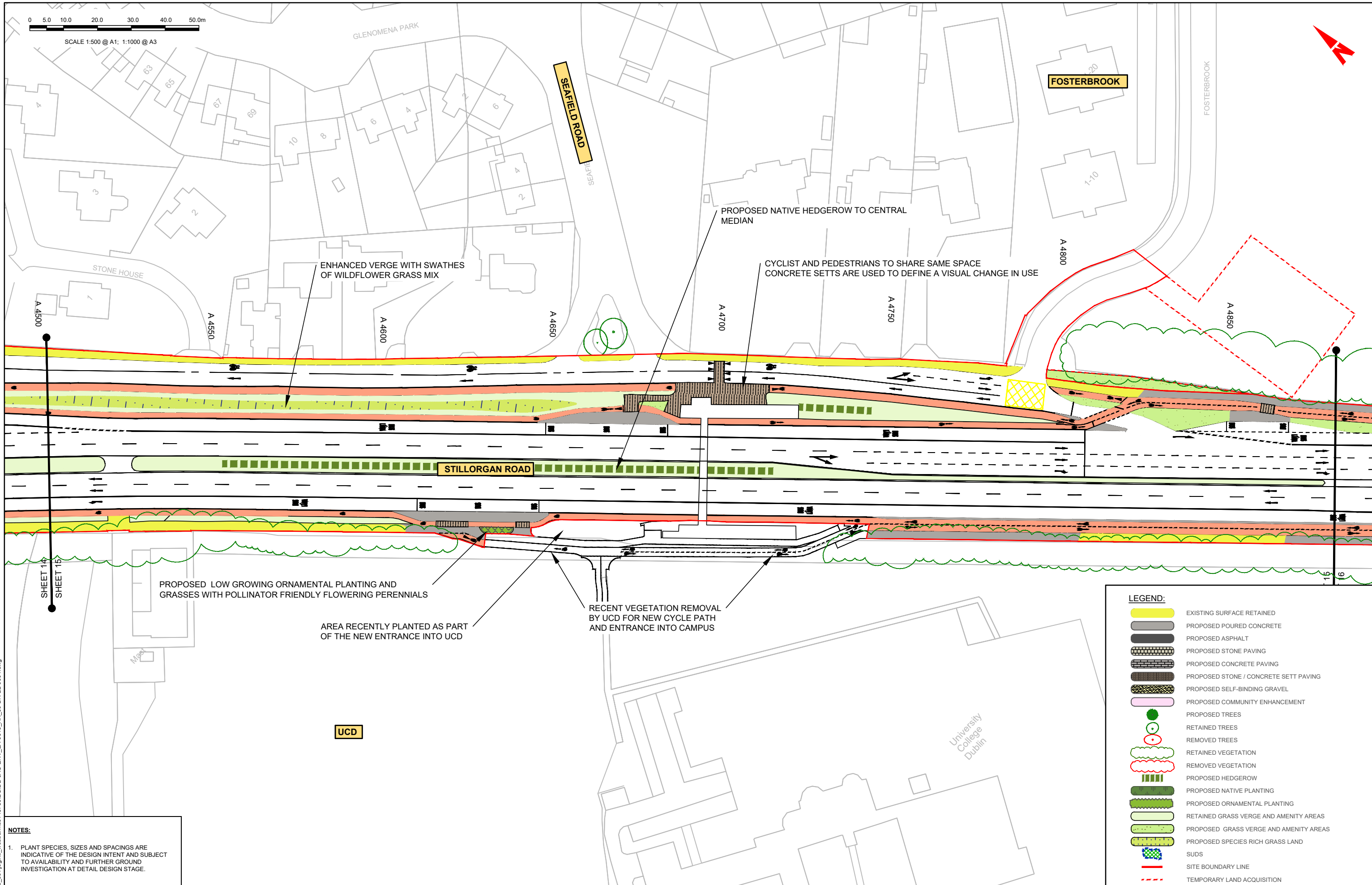
Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0014

Sheet Number: 14 of 54 | Status: A | Rev: M01

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



LEGEND:

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	PROPOSED POURED CONCRETE
	PROPOSED ASPHALT
	PROPOSED STONE PAVING
	PROPOSED CONCRETE PAVING
	PROPOSED STONE / CONCRETE SETT PAVING
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	RETAINED VEGETATION
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	PROPOSED HEDGEROW
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	RETAINED GRASS VERGE AND AMENITY AREAS
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	PROPOSED SPECIES RICH GRASS LAND
	SUDS
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1:1000 @ A3

Engineering Designer: **Jacobs**

Drawn: EC Checked: ACW Approved: RS

Project Code: BCIDB Originator Code: JAC QMS Code:

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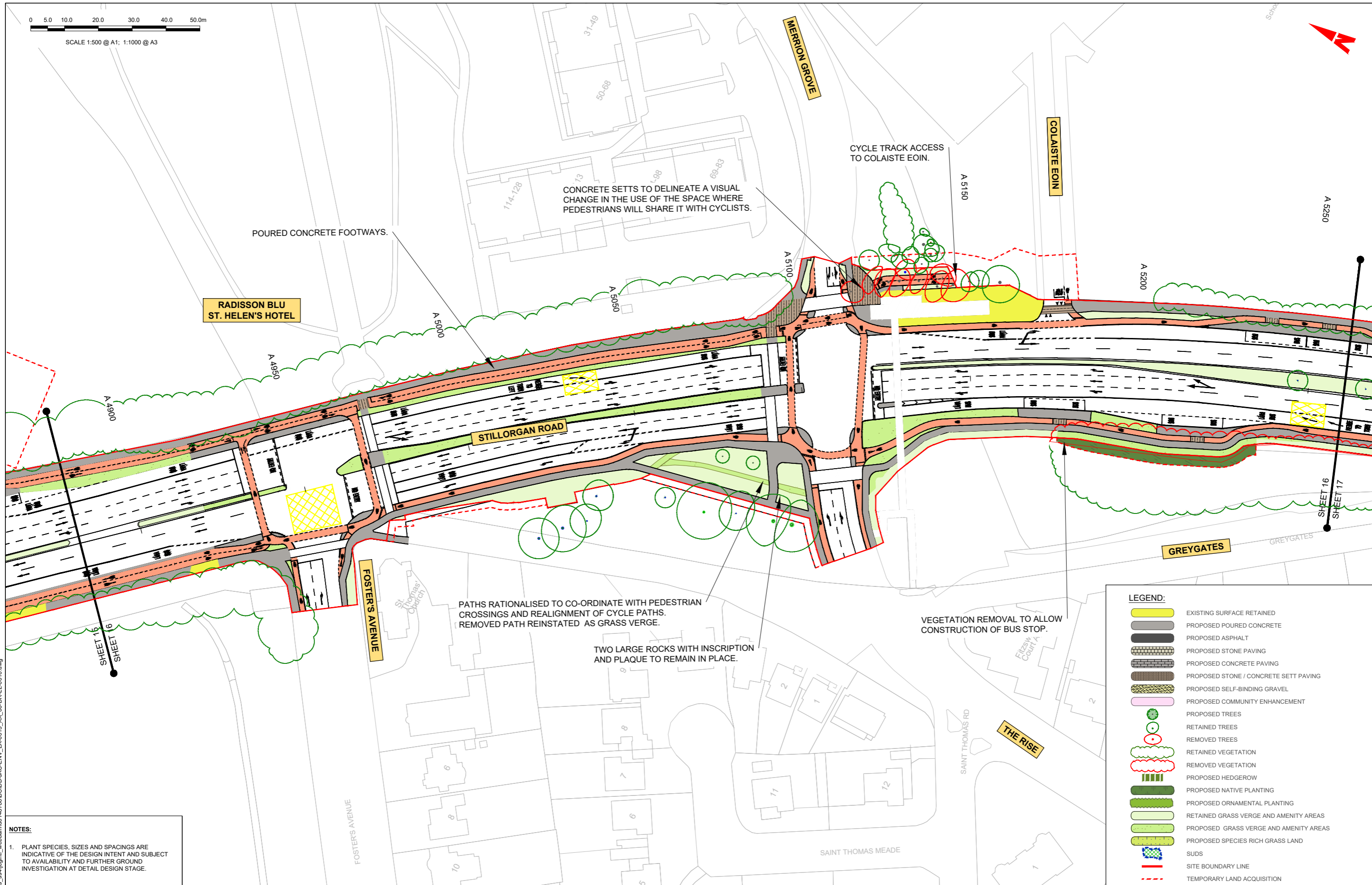
Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0015 Sheet Number: 15 of 54 Status: A Rev: M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



POURED CONCRETE FOOTWAYS.

RADISSON BLU ST. HELEN'S HOTEL

CONCRETE SETTS TO DELINEATE A VISUAL CHANGE IN THE USE OF THE SPACE WHERE PEDESTRIANS WILL SHARE IT WITH CYCLISTS.

CYCLE TRACK ACCESS TO COLAISTE EOIN.

PATHS RATIONALISED TO CO-ORDINATE WITH PEDESTRIAN CROSSINGS AND REALIGNMENT OF CYCLE PATHS. REMOVED PATH REINSTATED AS GRASS VERGE.

TWO LARGE ROCKS WITH INSCRIPTION AND PLAQUE TO REMAIN IN PLACE.

VEGETATION REMOVAL TO ALLOW CONSTRUCTION OF BUS STOP.

LEGEND:

- EXISTING SURFACE RETAINED
- PROPOSED POURED CONCRETE
- PROPOSED ASPHALT
- PROPOSED STONE PAVING
- PROPOSED CONCRETE PAVING
- PROPOSED STONE / CONCRETE SETT PAVING
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National Transport Authority

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

Project Code: BCIDB Originator Code: JAC

Engineering Designer: **Jacobs**

Drawn: EC Checked: ACW Approved: RS

QMS Code

Programme Title: **BUSCONNECTS DUBLIN**
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Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
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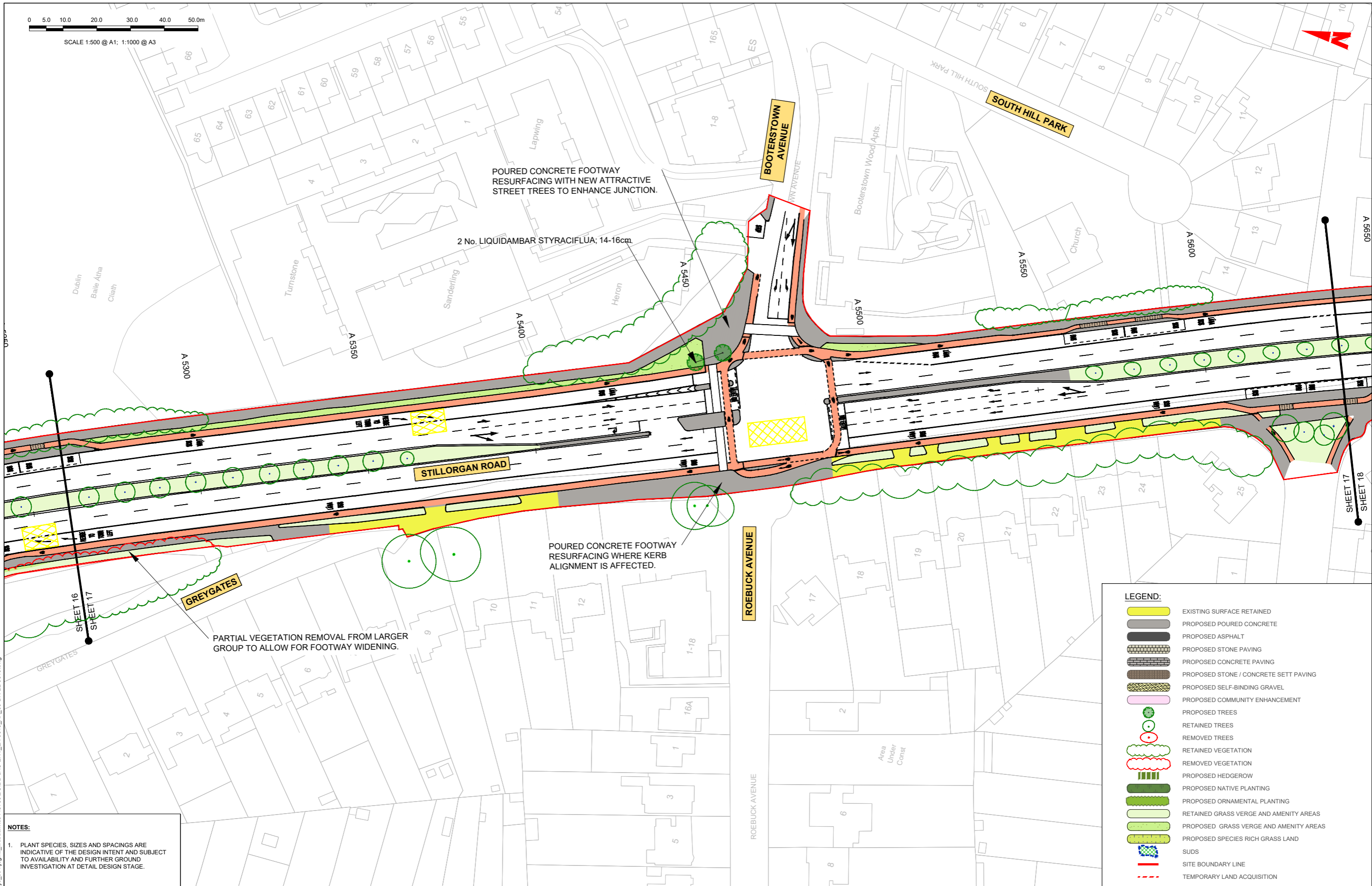
Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0016	Sheet Number: 16 of 54	Status: A	Rev: M01
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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



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LEGEND:

	EXISTING SURFACE RETAINED
	PROPOSED POURED CONCRETE
	PROPOSED ASPHALT
	PROPOSED STONE PAVING
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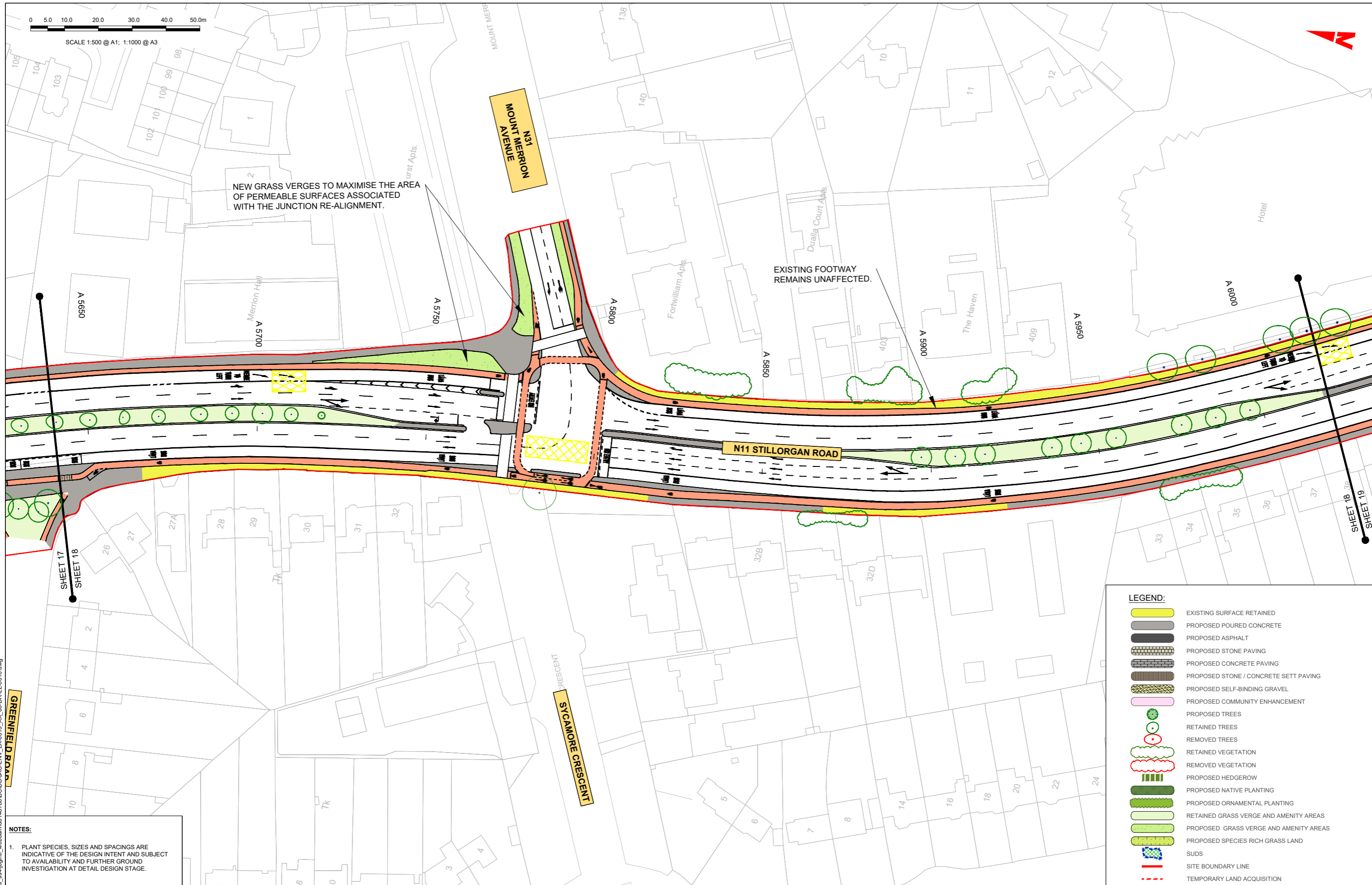
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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



NEW GRASS VERGES TO MAXIMISE THE AREA OF PERMEABLE SURFACES ASSOCIATED WITH THE JUNCTION RE-ALIGNMENT.

EXISTING FOOTWAY REMAINS UNAFFECTED.

LEGEND:

- EXISTING SURFACE RETAINED
- PROPOSED POURED CONCRETE
- PROPOSED ASPHALT
- PROPOSED STONE PAVING
- PROPOSED CONCRETE PAVING
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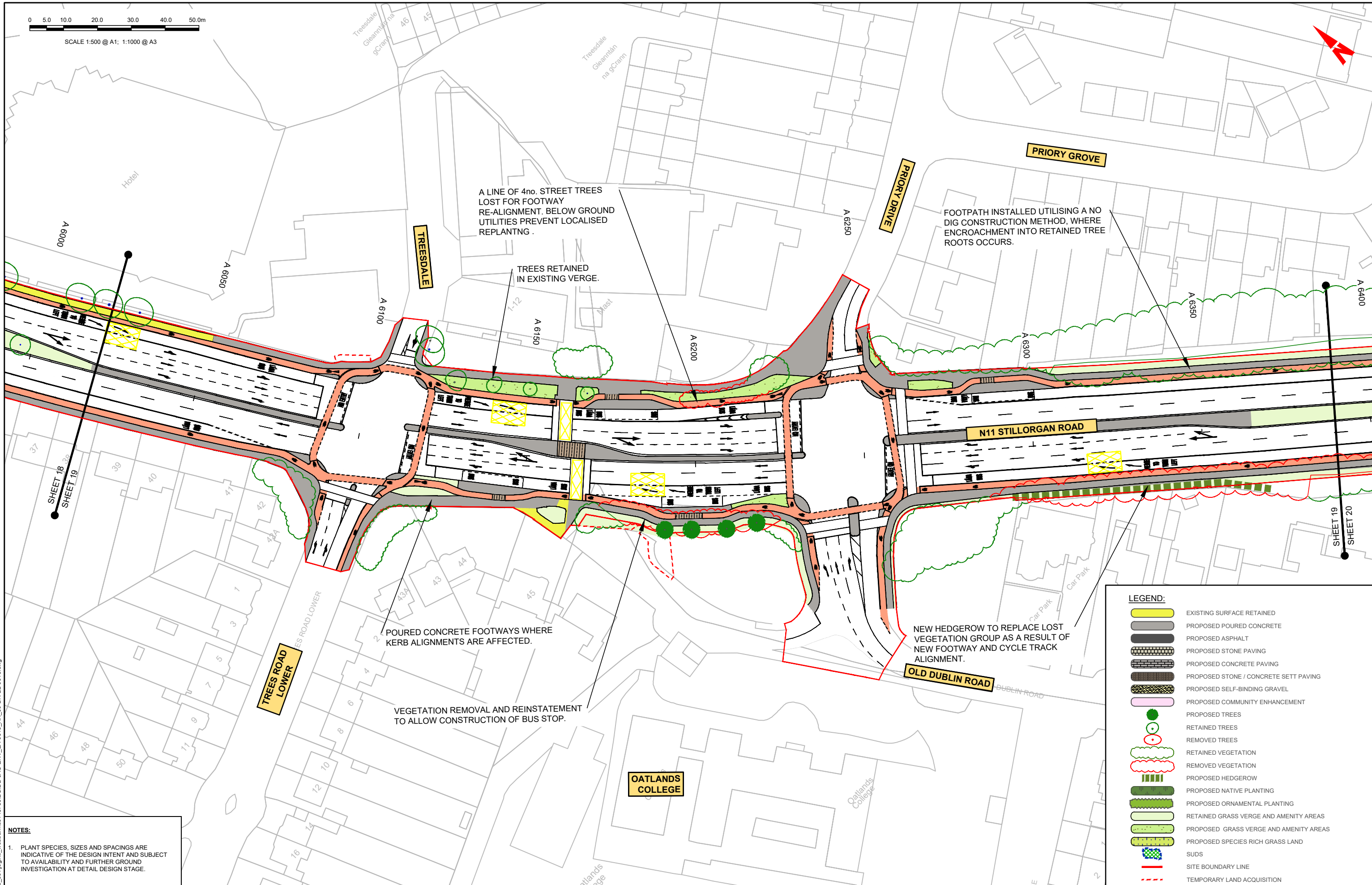
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Drawing Title BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME LANDSCAPING DESIGN			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0018	18 of 54	A	M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



A LINE OF 4no. STREET TREES LOST FOR FOOTWAY RE-ALIGNMENT. BELOW GROUND UTILITIES PREVENT LOCALISED REPLANTING.

TREES RETAINED IN EXISTING VERGE.

FOOTPATH INSTALLED UTILISING A NO DIG CONSTRUCTION METHOD, WHERE ENCROACHMENT INTO RETAINED TREE ROOTS OCCURS.

POURED CONCRETE FOOTWAYS WHERE KERB ALIGNMENTS ARE AFFECTED.

NEW HEDGEROW TO REPLACE LOST VEGETATION GROUP AS A RESULT OF NEW FOOTWAY AND CYCLE TRACK ALIGNMENT.

VEGETATION REMOVAL AND REINSTATEMENT TO ALLOW CONSTRUCTION OF BUS STOP.

- LEGEND:**
- EXISTING SURFACE RETAINED
 - PROPOSED POURED CONCRETE
 - PROPOSED ASPHALT
 - PROPOSED STONE PAVING
 - PROPOSED CONCRETE PAVING
 - PROPOSED STONE / CONCRETE SETT PAVING
 - PROPOSED SELF-BINDING GRAVEL
 - PROPOSED COMMUNITY ENHANCEMENT
 - PROPOSED TREES
 - REMOVED TREES
 - RETAINED VEGETATION
 - REMOVED VEGETATION
 - PROPOSED HEDGEROW
 - PROPOSED NATIVE PLANTING
 - PROPOSED ORNAMENTAL PLANTING
 - RETAINED GRASS VERGE AND AMENITY AREAS
 - PROPOSED GRASS VERGE AND AMENITY AREAS
 - PROPOSED SPECIES RICH GRASS LAND
 - SUDS
 - SITE BOUNDARY LINE
 - TEMPORARY LAND ACQUISITION

NOTES:

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

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

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

Engineering Designer: **Jacobs**

Drawn: EC Checked: ACW Approved: RS

Project Code: BCIDB Originator Code: JAC QMS Code:

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

Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME LANDSCAPING DESIGN

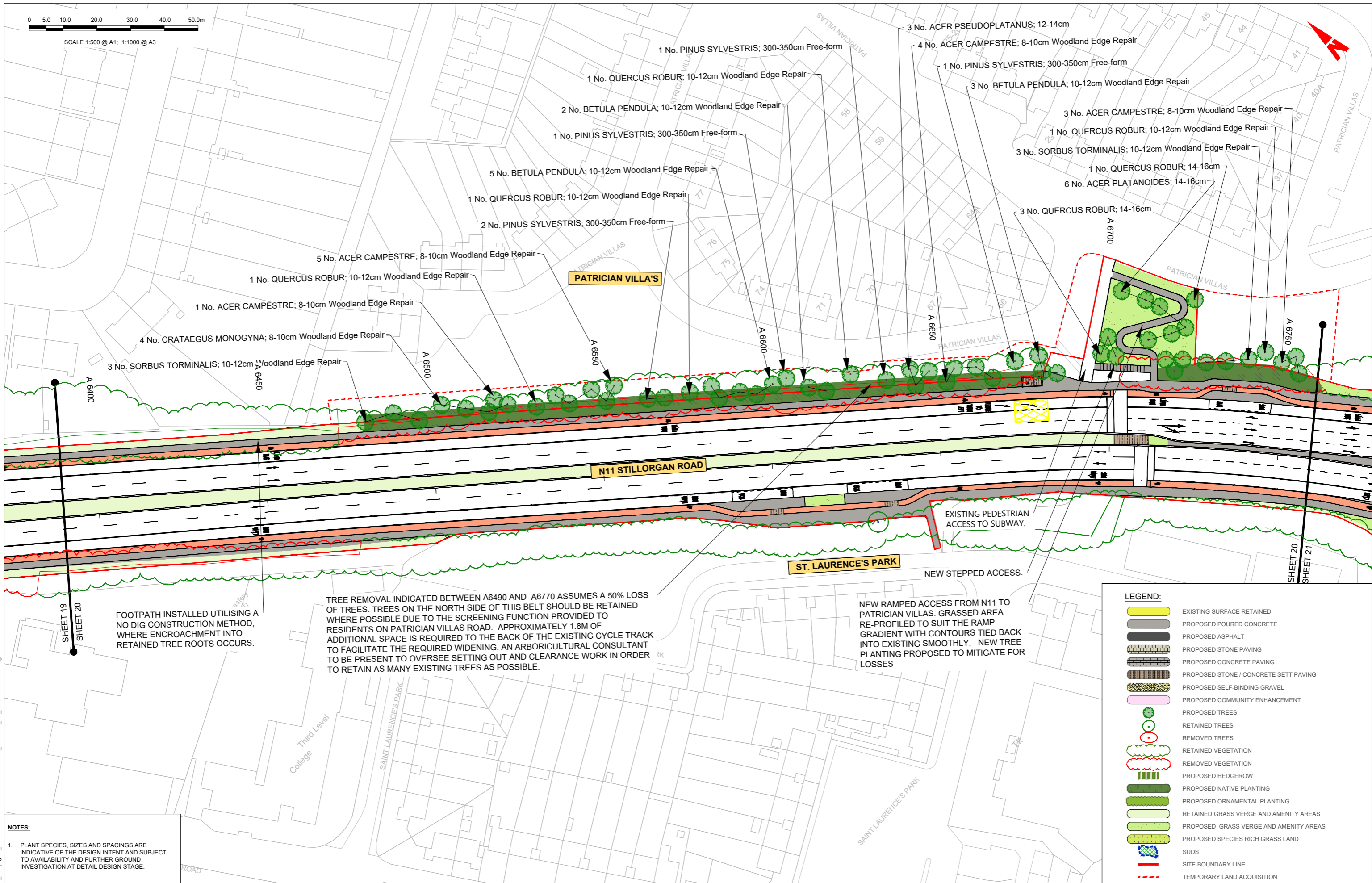
Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0019	Sheet Number: 19 of 54	Status: A	Rev: M01
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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



FOOTPATH INSTALLED UTILISING A NO DIG CONSTRUCTION METHOD, WHERE ENCROACHMENT INTO RETAINED TREE ROOTS OCCURS.

TREE REMOVAL INDICATED BETWEEN A6490 AND A6770 ASSUMES A 50% LOSS OF TREES. TREES ON THE NORTH SIDE OF THIS BELT SHOULD BE RETAINED WHERE POSSIBLE DUE TO THE SCREENING FUNCTION PROVIDED TO RESIDENTS ON PATRICIAN VILLAS ROAD. APPROXIMATELY 1.8M OF ADDITIONAL SPACE IS REQUIRED TO THE BACK OF THE EXISTING CYCLE TRACK TO FACILITATE THE REQUIRED WIDENING. AN ARBORICULTURAL CONSULTANT TO BE PRESENT TO OVERSEE SETTING OUT AND CLEARANCE WORK IN ORDER TO RETAIN AS MANY EXISTING TREES AS POSSIBLE.

NEW RAMPED ACCESS FROM N11 TO PATRICIAN VILLAS. GRASSED AREA RE-PROFILED TO SUIT THE RAMP GRADIENT WITH CONTOURS TIED BACK INTO EXISTING SMOOTHLY. NEW TREE PLANTING PROPOSED TO MITIGATE FOR LOSSES

LEGEND:

- EXISTING SURFACE RETAINED
- PROPOSED POURED CONCRETE
- PROPOSED ASPHALT
- PROPOSED STONE PAVING
- PROPOSED CONCRETE PAVING
- PROPOSED STONE / CONCRETE SETT PAVING
- PROPOSED SELF-BINDING GRAVEL
- PROPOSED COMMUNITY ENHANCEMENT
- PROPOSED TREES
- RETAINED TREES
- REMOVED TREES
- RETAINED VEGETATION
- REMOVED VEGETATION
- PROPOSED HEDGEROW
- PROPOSED NATIVE PLANTING
- PROPOSED ORNAMENTAL PLANTING
- RETAINED GRASS VERGE AND AMENITY AREAS
- PROPOSED GRASS VERGE AND AMENITY AREAS
- PROPOSED SPECIES RICH GRASS LAND
- SUDS
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

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Project Ireland 2040
Building Ireland's Future

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

Client: NTA
Údarás Náisiúnta Iompair
National Transport Authority

Engineering Designer: Jacobs

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

Drawn: EC
Checked: ACW
Approved: RS

Project Code: BCIDB
Originator Code: JAC
QMS Code:

Programme Title: BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
LANDSCAPING DESIGN

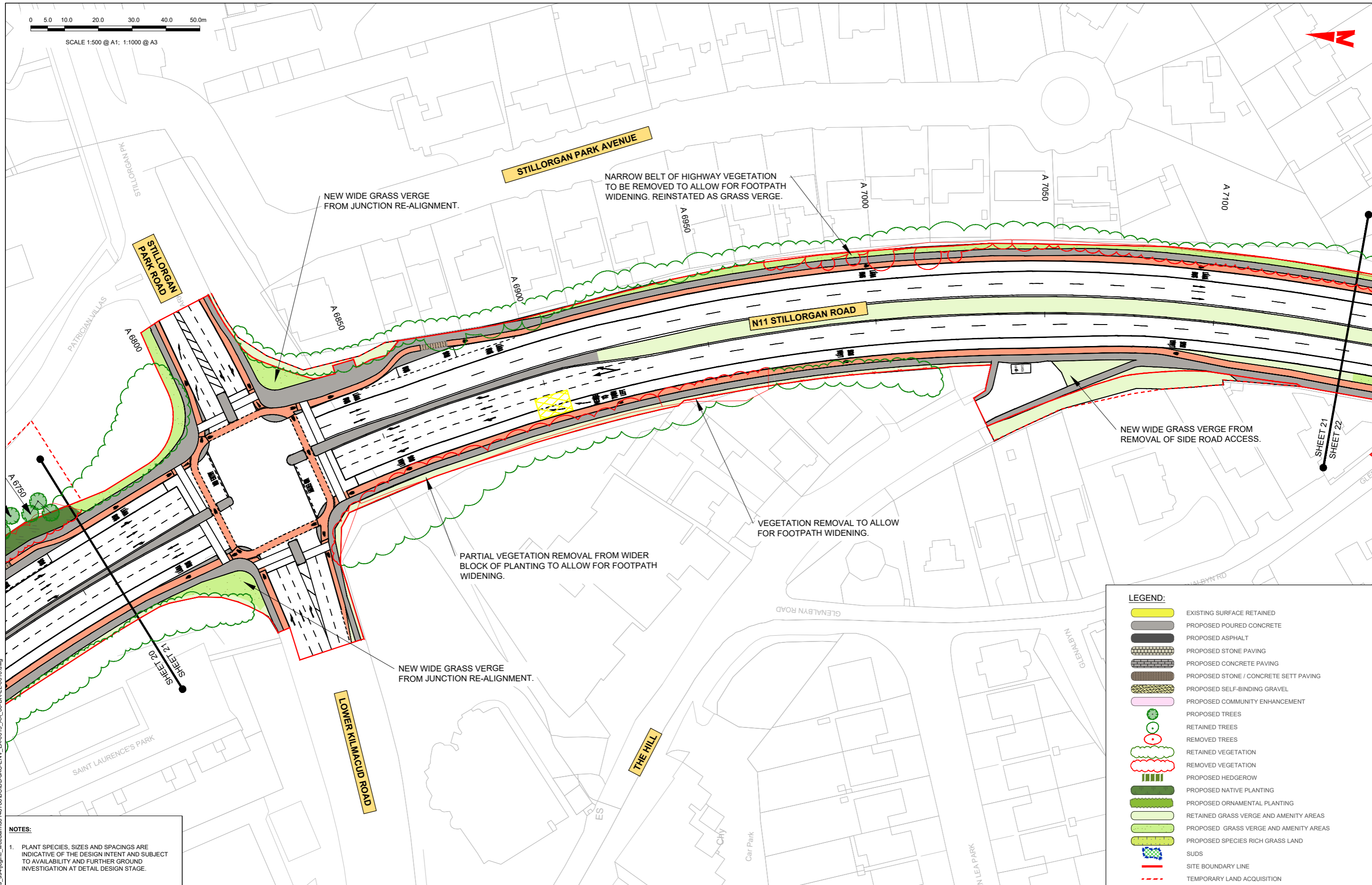
Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0020
Sheet Number: 20 of 54
Status: A
Rev: M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



NOTES:
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LEGEND:

- EXISTING SURFACE RETAINED
- PROPOSED POURED CONCRETE
- PROPOSED ASPHALT
- PROPOSED STONE PAVING
- PROPOSED CONCRETE PAVING
- PROPOSED STONE / CONCRETE SETT PAVING
- PROPOSED SELF-BINDING GRAVEL
- PROPOSED COMMUNITY ENHANCEMENT
- PROPOSED TREES
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Rev	Date	Drm	Chk'd	App'd	Description
M01	08/05/2023	EC	ACW	RS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

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

Project Code: BCIDB
Originator Code: JAC

Drawn: EC
Checked: ACW
Approved: RS

QMS Code:

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

Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
LANDSCAPING DESIGN

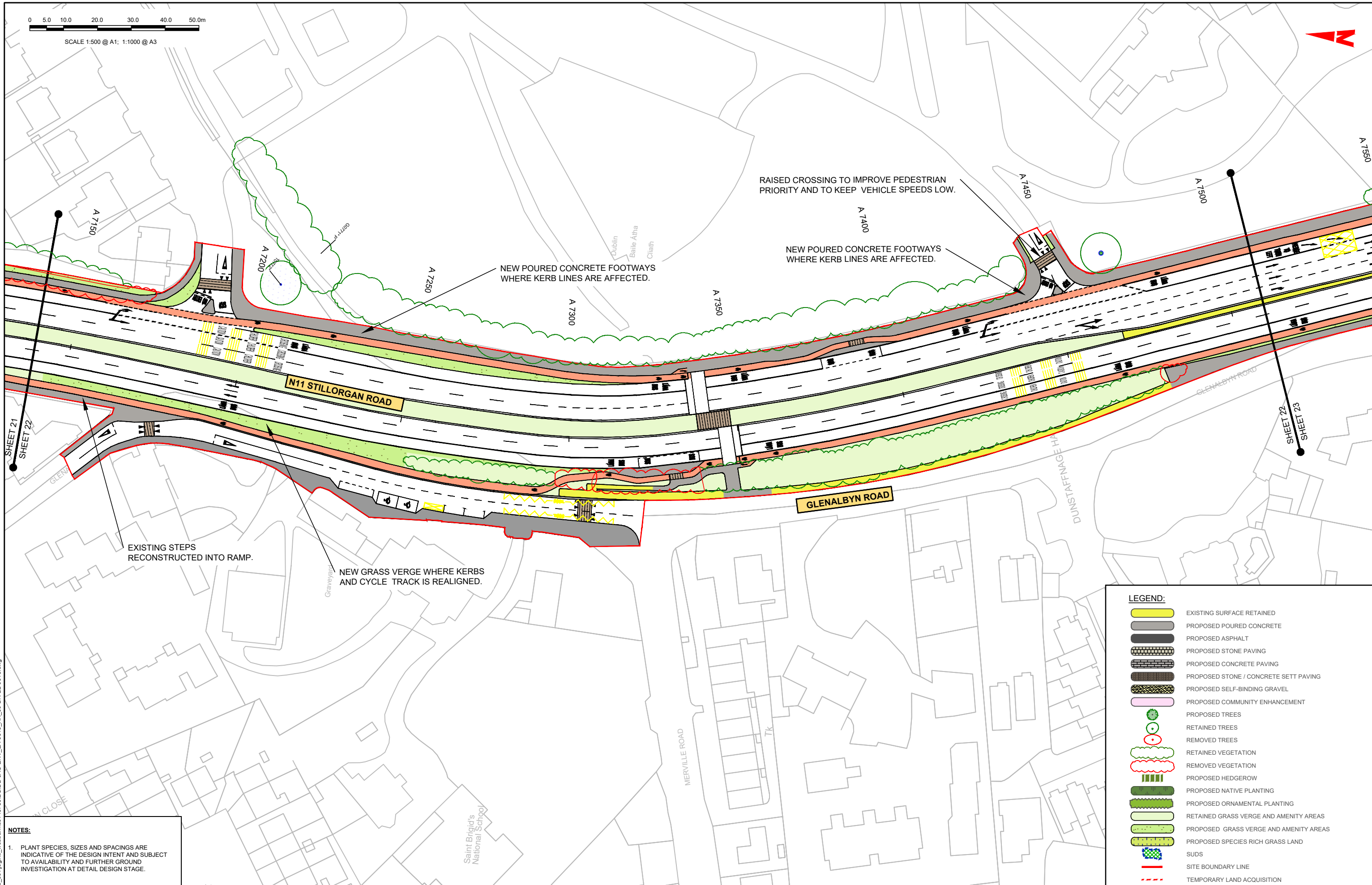
Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0021
Sheet Number: 21 of 54
Status: A
Rev: M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



EXISTING STEPS RECONSTRUCTED INTO RAMP.

NEW GRASS VERGE WHERE KERBS AND CYCLE TRACK IS REALIGNED.

NEW POURED CONCRETE FOOTWAYS WHERE KERB LINES ARE AFFECTED.

RAISED CROSSING TO IMPROVE PEDESTRIAN PRIORITY AND TO KEEP VEHICLE SPEEDS LOW.

NEW POURED CONCRETE FOOTWAYS WHERE KERB LINES ARE AFFECTED.

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LEGEND:

	EXISTING SURFACE RETAINED
	PROPOSED POURED CONCRETE
	PROPOSED ASPHALT
	PROPOSED STONE PAVING
	PROPOSED CONCRETE PAVING
	PROPOSED STONE / CONCRETE SETT PAVING
	PROPOSED SELF-BINDING GRAVEL
	PROPOSED COMMUNITY ENHANCEMENT
	PROPOSED TREES
	RETAINED TREES
	REMOVED TREES
	RETAINED VEGETATION
	REMOVED VEGETATION
	PROPOSED HEDGEROW
	PROPOSED NATIVE PLANTING
	PROPOSED ORNAMENTAL PLANTING
	RETAINED GRASS VERGE AND AMENITY AREAS
	PROPOSED GRASS VERGE AND AMENITY AREAS
	PROPOSED SPECIES RICH GRASS LAND
	SUDS
	SITE BOUNDARY LINE
	TEMPORARY LAND ACQUISITION

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Project Ireland 2040
Building Ireland's Future

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

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

Engineering Designer: **Jacobs**

Date: 08/05/2023 Scale: 1:500 @ A1, 1:1000 @ A3
Drawn: EC, Checked: ACW, Approved: RS

Project Code: BCIDB, Originator Code: JAC, QMS Code:

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

Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME LANDSCAPING DESIGN

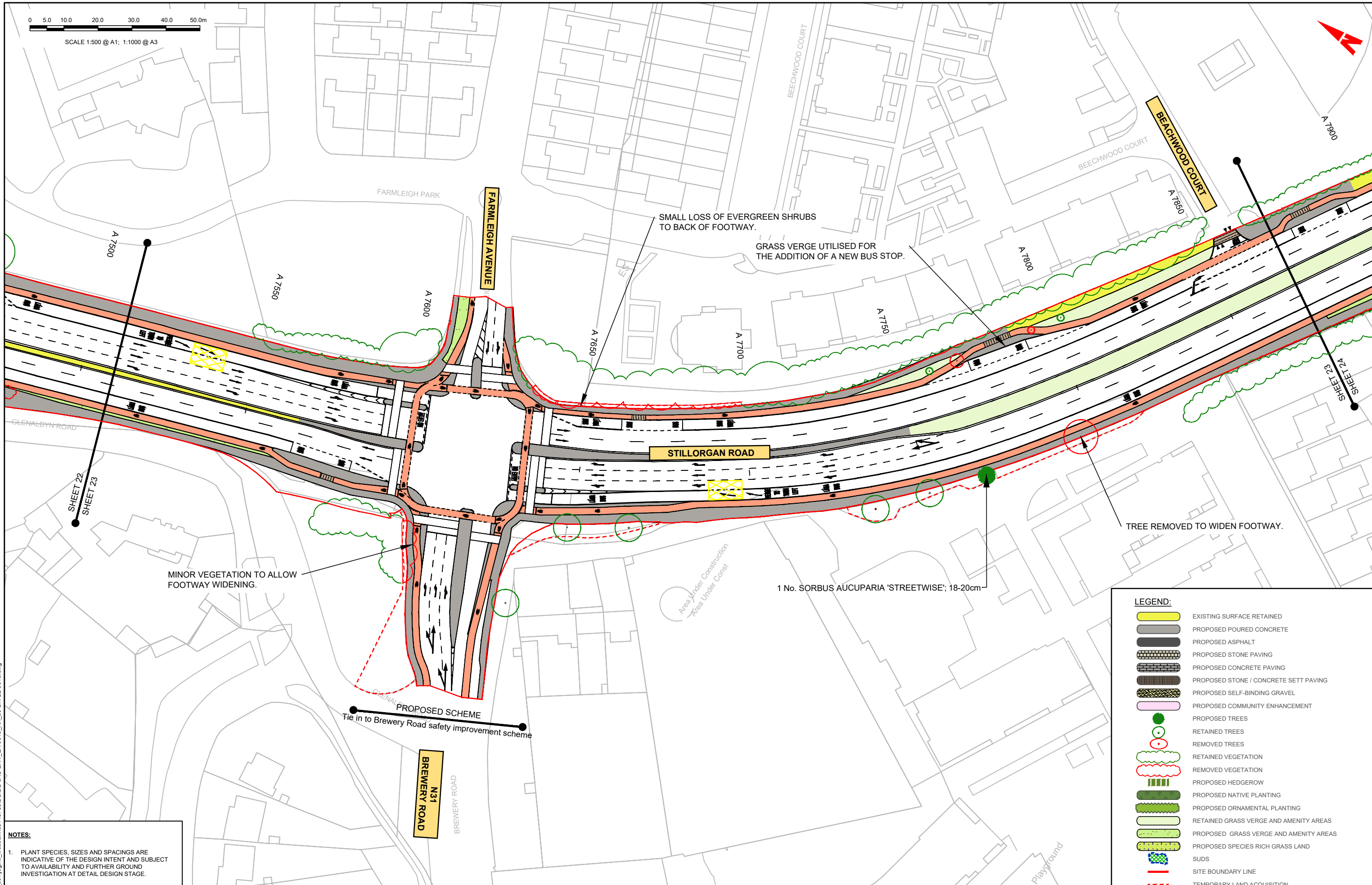
Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0022	Sheet Number: 22 of 54	Status: A	Rev: M01
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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



MINOR VEGETATION TO ALLOW FOOTWAY WIDENING.

SMALL LOSS OF EVERGREEN SHRUBS TO BACK OF FOOTWAY.

GRASS VERGE UTILISED FOR THE ADDITION OF A NEW BUS STOP.

TREE REMOVED TO WIDEN FOOTWAY.

1 No. SORBUS AUCUPARIA 'STREETWISE'; 18-20cm

PROPOSED SCHEME Tie in to Brewery Road safety improvement scheme

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LEGEND:

- EXISTING SURFACE RETAINED
- PROPOSED POURED CONCRETE
- PROPOSED ASPHALT
- PROPOSED STONE PAVING
- PROPOSED CONCRETE PAVING
- PROPOSED STONE / CONCRETE SETT PAVING
- PROPOSED SELF-BINDING GRAVEL
- PROPOSED COMMUNITY ENHANCEMENT
- PROPOSED TREES
- REMOVED TREES
- RETAINED VEGETATION
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- PROPOSED HEDGEROW
- PROPOSED NATIVE PLANTING
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- RETAINED GRASS VERGE AND AMENITY AREAS
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- SUDS
- SITE BOUNDARY LINE
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M01	08/05/2023	EC	ACW	RS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date: 08/05/2023 Scale: 1:500 @ A1, 1:1000 @ A3
Drawn: EC, Checked: ACW, Approved: RS

Project Code: BCIDB, Originator Code: JAC, QMS Code:

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

Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME LANDSCAPING DESIGN

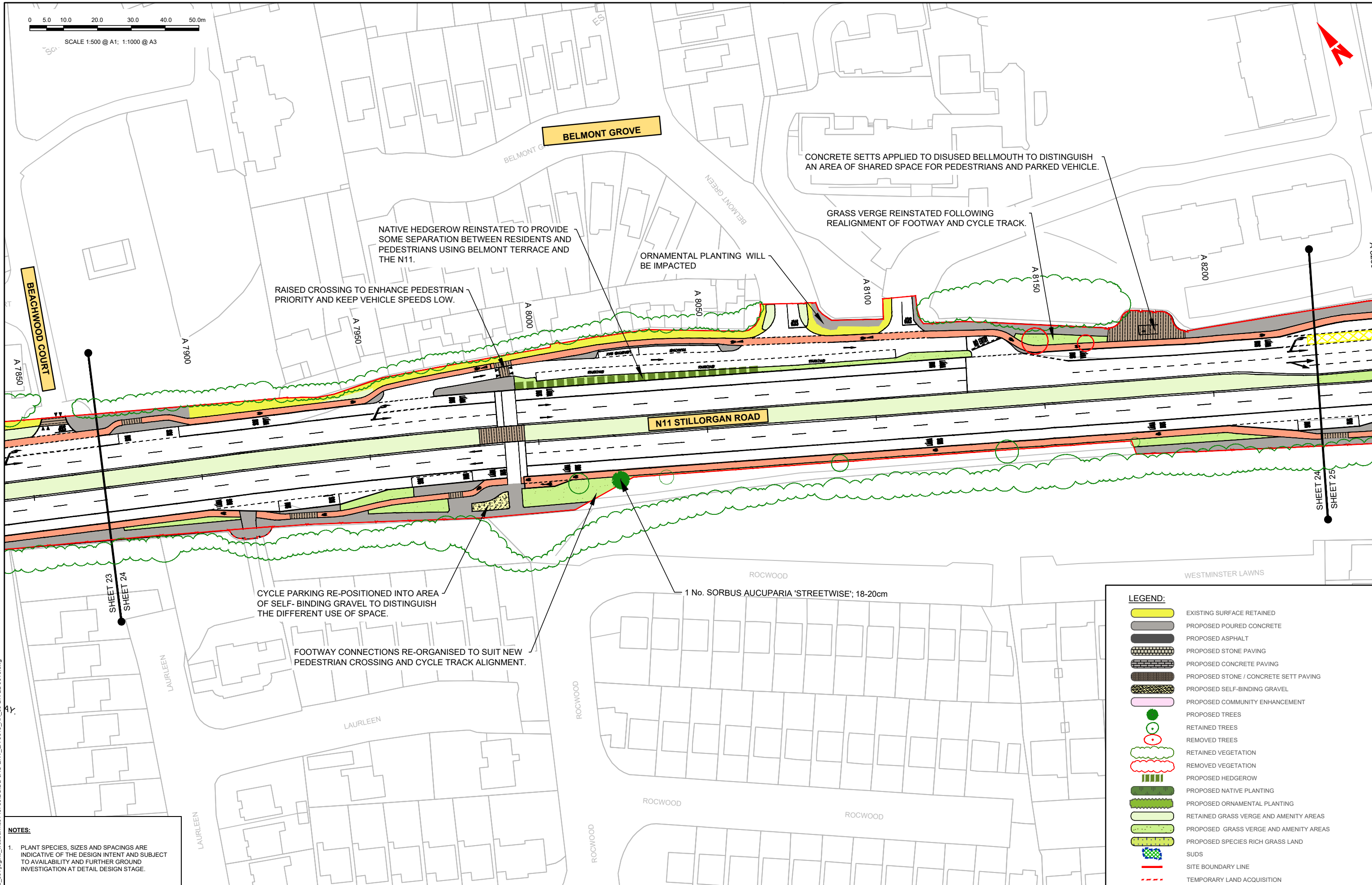
Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0023
Sheet Number: 23 of 54
Status: A
Rev: M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



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M01	08/05/2023	EC	ACW	RS	ISSUE FOR PHASE 4: PLANNING

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

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

Engineering Designer: **Jacobs**

Drawn: EC Checked: ACW Approved: RS

Project Code: BCIDB Originator Code: JAC QMS Code:

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

Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
LANDSCAPING DESIGN

Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0024 Sheet Number: 24 of 54 Status: A Rev: M01

LEGEND:

- EXISTING SURFACE RETAINED
- PROPOSED POURED CONCRETE
- PROPOSED ASPHALT
- PROPOSED STONE PAVING
- PROPOSED CONCRETE PAVING
- PROPOSED STONE / CONCRETE SETT PAVING
- PROPOSED SELF-BINDING GRAVEL
- PROPOSED COMMUNITY ENHANCEMENT
- PROPOSED TREES
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- TEMPORARY LAND ACQUISITION

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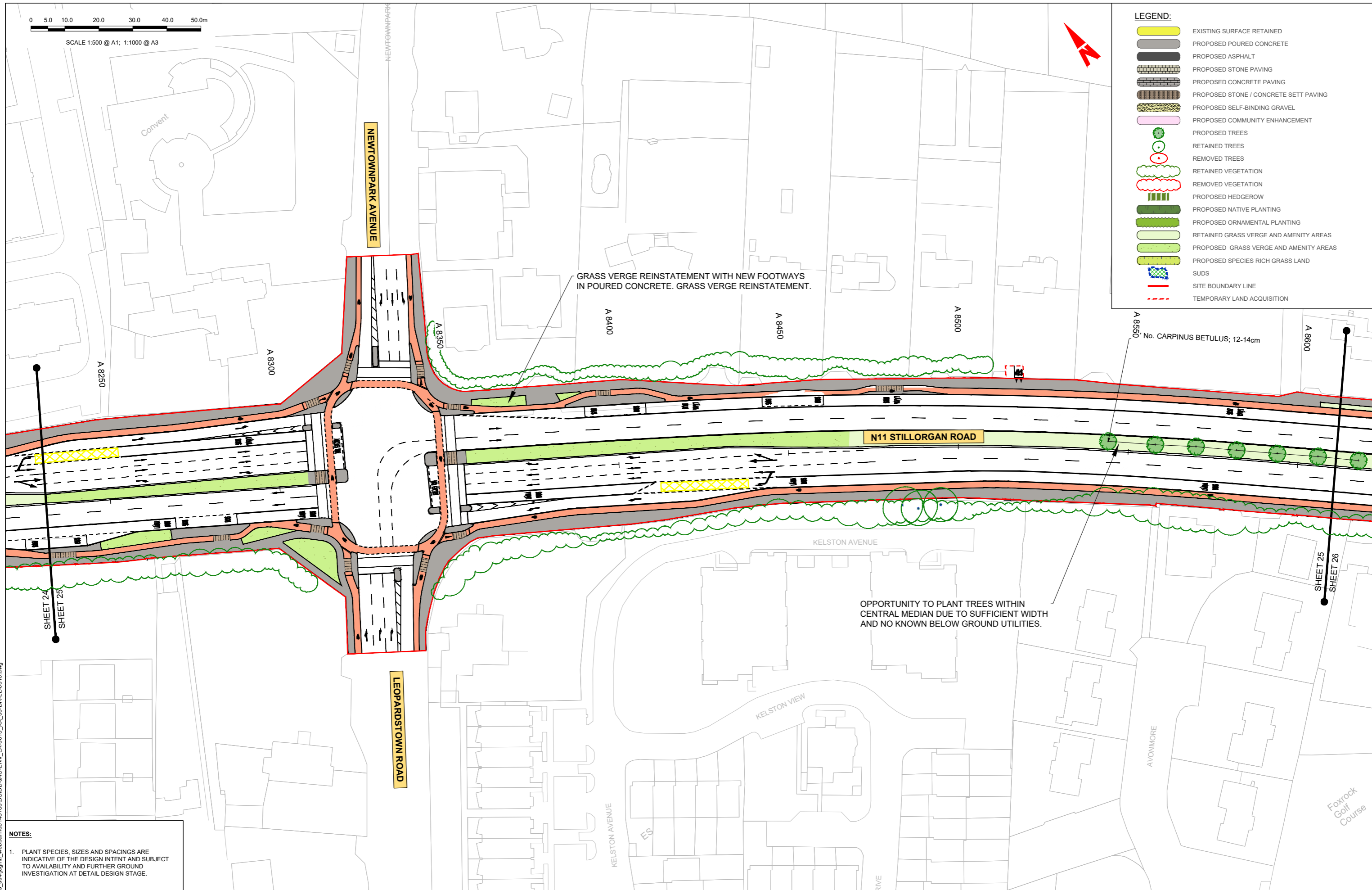
DO NOT SCALE USE FIGURED DIMENSIONS ONLY

0 5.0 10.0 20.0 30.0 40.0 50.0m

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

LEGEND:

- EXISTING SURFACE RETAINED
- PROPOSED POURED CONCRETE
- PROPOSED ASPHALT
- PROPOSED STONE PAVING
- PROPOSED CONCRETE PAVING
- PROPOSED STONE / CONCRETE SETT PAVING
- PROPOSED SELF-BINDING GRAVEL
- PROPOSED COMMUNITY ENHANCEMENT
- PROPOSED TREES
- RETAINED TREES
- REMOVED TREES
- RETAINED VEGETATION
- REMOVED VEGETATION
- PROPOSED HEDGEROW
- PROPOSED NATIVE PLANTING
- PROPOSED ORNAMENTAL PLANTING
- RETAINED GRASS VERGE AND AMENITY AREAS
- PROPOSED GRASS VERGE AND AMENITY AREAS
- PROPOSED SPECIES RICH GRASS LAND
- SUDS
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION



NOTES:

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Rev	Date	Drm	Chk'd	App'd	Description
M01	08/05/2023	EC	ACW	RS	ISSUE FOR PHASE 4: PLANNING

Client

Date: 08/05/2023

Scale: 1:500 @ A1, 1:1000 @ A3

Project Code: BCIDB

Originator Code: JAC

Engineering Designer

Drawn: EC

Checked: ACW

Approved: RS

QMS Code

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

Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME LANDSCAPING DESIGN

Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0025

Sheet Number: 25 of 54

Status: A

Rev: M01












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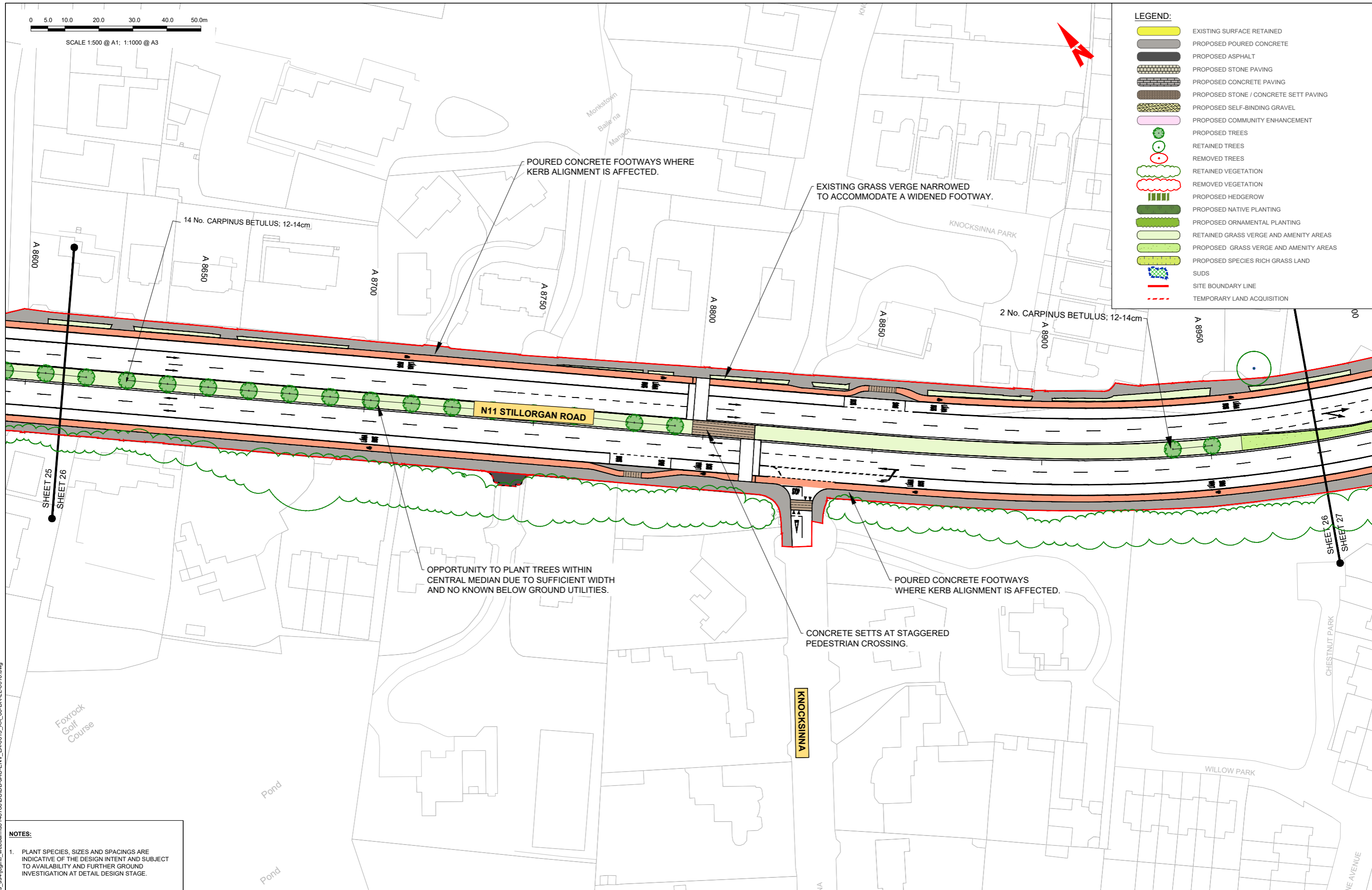
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0 5.0 10.0 20.0 30.0 40.0 50.0m

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

LEGEND:

-  EXISTING SURFACE RETAINED
-  PROPOSED POURED CONCRETE
-  PROPOSED ASPHALT
-  PROPOSED STONE PAVING
-  PROPOSED CONCRETE PAVING
-  PROPOSED STONE / CONCRETE SETT PAVING
-  PROPOSED SELF-BINDING GRAVEL
-  PROPOSED COMMUNITY ENHANCEMENT
-  PROPOSED TREES
-  RETAINED TREES
-  REMOVED TREES
-  RETAINED VEGETATION
-  REMOVED VEGETATION
-  PROPOSED HEDGEROW
-  PROPOSED NATIVE PLANTING
-  PROPOSED ORNAMENTAL PLANTING
-  RETAINED GRASS VERGE AND AMENITY AREAS
-  PROPOSED GRASS VERGE AND AMENITY AREAS
-  PROPOSED SPECIES RICH GRASS LAND
-  SUDS
-  SITE BOUNDARY LINE
-  TEMPORARY LAND ACQUISITION



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Project Ireland 2040
Building Ireland's Future

Rev	Date	Drm	Chk'd	App'd	Description
M01	08/05/2023	EC	ACW	RS	ISSUE FOR PHASE 4: PLANNING

NTA
Údarás Náisiúnta Iompair
National Transport Authority

Jacobs

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

Project Code: BCIDB | Originator Code: JAC

Engineering Designer: EC | Checked: ACW | Approved: RS

BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME LANDSCAPING DESIGN

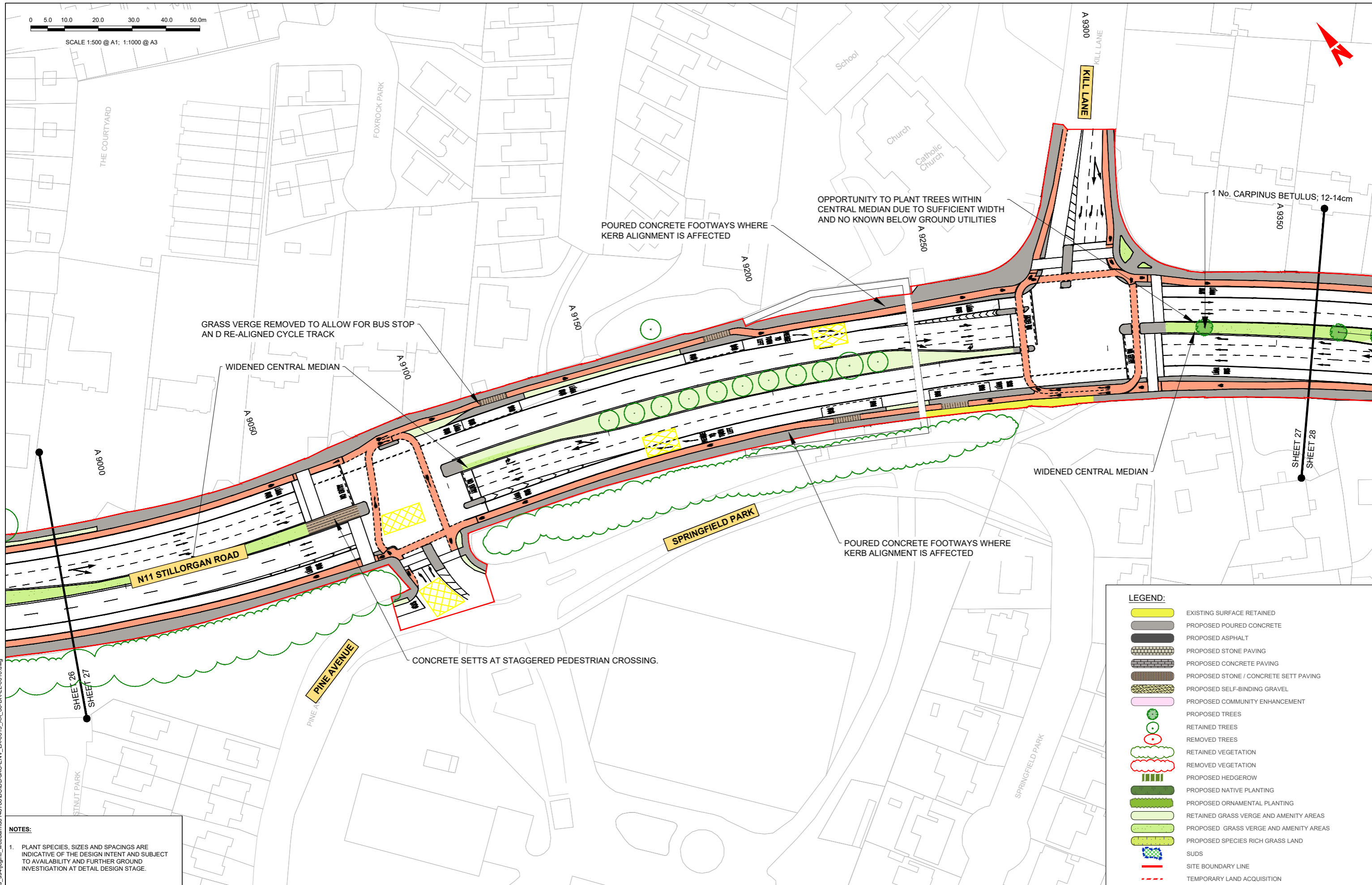
Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0026 | Sheet Number: 26 of 54 | Status: A | Rev: M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



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NOTES:
1. PLANT SPECIES, SIZES AND SPACINGS ARE INDICATIVE OF THE DESIGN INTENT AND SUBJECT TO AVAILABILITY AND FURTHER GROUND INVESTIGATION AT DETAIL DESIGN STAGE.

LEGEND:

- EXISTING SURFACE RETAINED
- PROPOSED POURED CONCRETE
- PROPOSED ASPHALT
- PROPOSED STONE PAVING
- PROPOSED CONCRETE PAVING
- PROPOSED STONE / CONCRETE SETT PAVING
- PROPOSED SELF-BINDING GRAVEL
- PROPOSED COMMUNITY ENHANCEMENT
- PROPOSED TREES
- RETAINED TREES
- REMOVED TREES
- RETAINED VEGETATION
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- PROPOSED HEDGEROW
- PROPOSED NATIVE PLANTING
- PROPOSED ORNAMENTAL PLANTING
- RETAINED GRASS VERGE AND AMENITY AREAS
- PROPOSED GRASS VERGE AND AMENITY AREAS
- PROPOSED SPECIES RICH GRASS LAND
- SUDS
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- TEMPORARY LAND ACQUISITION

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Project Ireland 2040
Building Ireland's Future

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

Client
NTA
Údarás Náisiúnta Iompair
National Transport Authority

Engineering Designer
Jacobs

Date: 08/05/2023
Scale: 1:500 @ A1, 1:1000 @ A3
Project Code: BCIDB
Originator Code: JAC

Drawn: EC
Checked: ACW
Approved: RS

Programme Title
BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

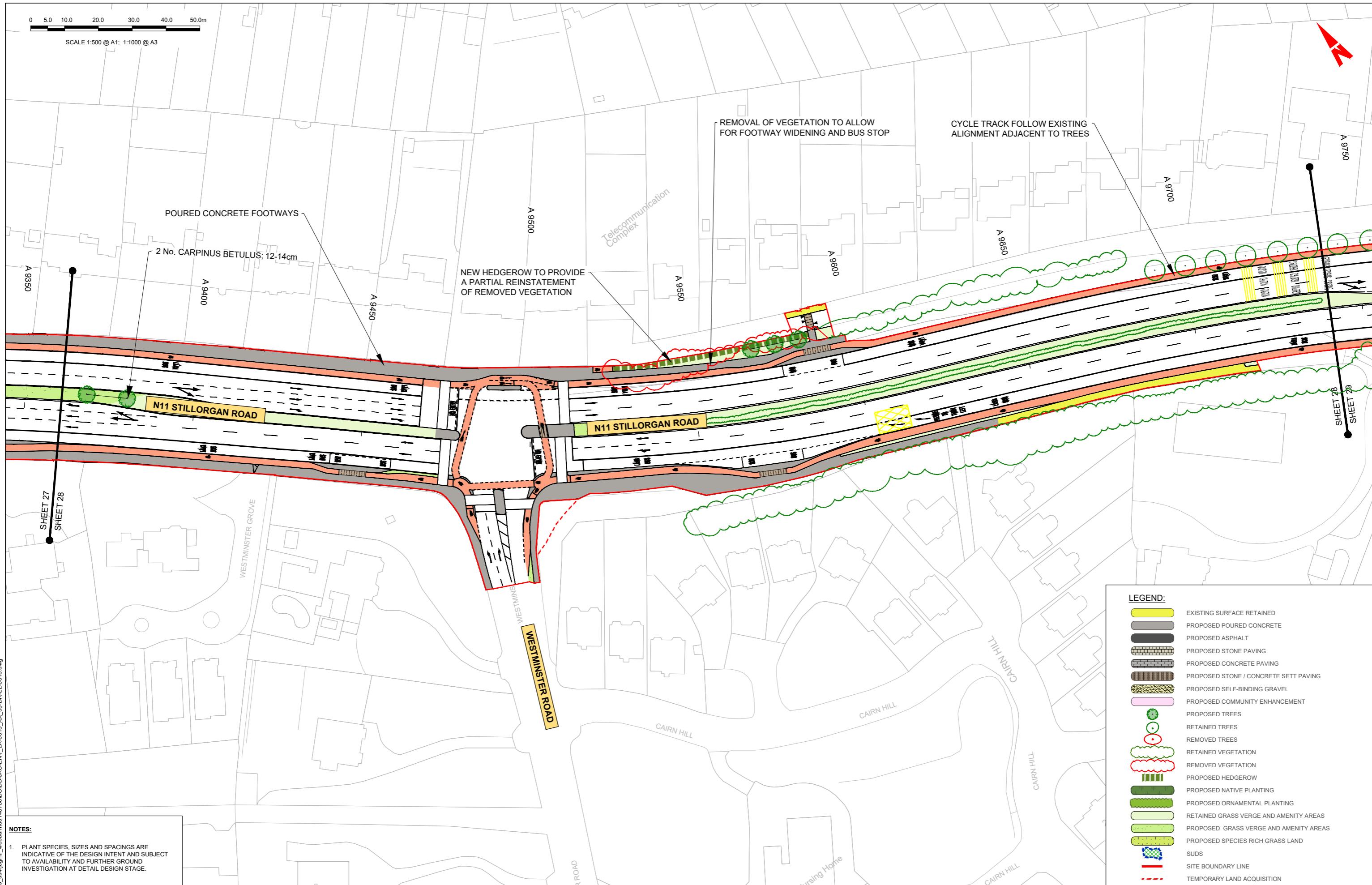
Drawing Title
BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
LANDSCAPING DESIGN

Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0027
Sheet Number: 27 of 54
Status: A
Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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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- PROPOSED POURED CONCRETE
- PROPOSED ASPHALT
- PROPOSED STONE PAVING
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- PROPOSED STONE / CONCRETE SETT PAVING
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M01	08/05/2023	EC	ACW	RS	ISSUE FOR PHASE 4: PLANNING

Client
 Údarás Náisiúnta Iompair
National Transport Authority

Engineering Designer

Date: 08/05/2023
Scale: 1:500 @ A1, 1:1000 @ A3
Project Code: BCIDB
Originator Code: JAC

Drawn: EC
Checked: ACW
Approved: RS

QMS Code

Programme Title
BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title
BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
LANDSCAPING DESIGN

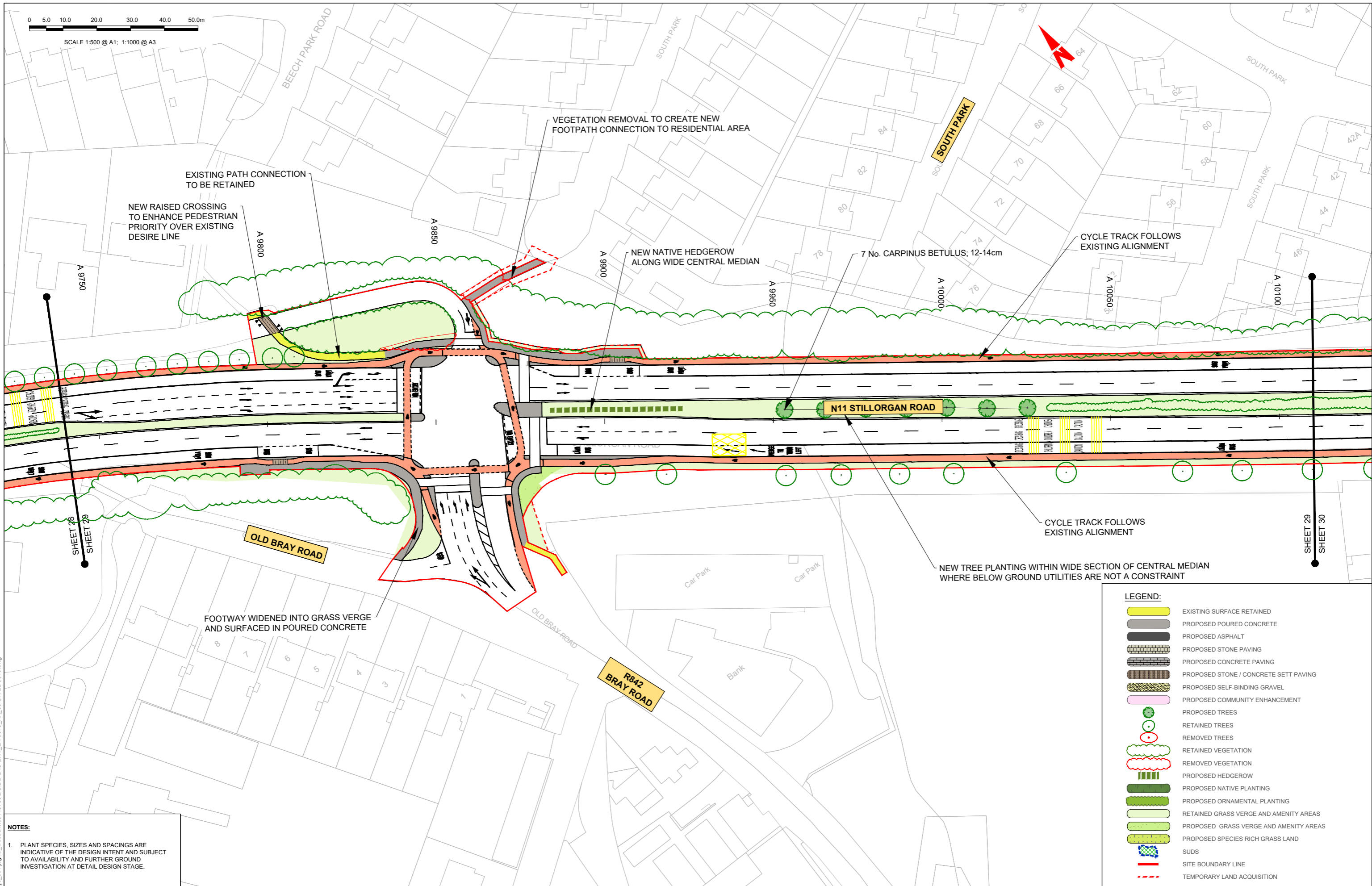
Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0028
Sheet Number: 28 of 54
Status: A
Rev: M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



EXISTING PATH CONNECTION TO BE RETAINED

NEW RAISED CROSSING TO ENHANCE PEDESTRIAN PRIORITY OVER EXISTING DESIRE LINE

VEGETATION REMOVAL TO CREATE NEW FOOTPATH CONNECTION TO RESIDENTIAL AREA

NEW NATIVE HEDGEROW ALONG WIDE CENTRAL MEDIAN

7 No. CARPINUS BETULUS; 12-14cm

CYCLE TRACK FOLLOWS EXISTING ALIGNMENT

N11 STILLORGAN ROAD

CYCLE TRACK FOLLOWS EXISTING ALIGNMENT

NEW TREE PLANTING WITHIN WIDE SECTION OF CENTRAL MEDIAN WHERE BELOW GROUND UTILITIES ARE NOT A CONSTRAINT

FOOTWAY WIDENED INTO GRASS VERGE AND SURFACED IN POURED CONCRETE

OLD BRAY ROAD

R842 BRAY ROAD

LEGEND:

- EXISTING SURFACE RETAINED
- PROPOSED POURED CONCRETE
- PROPOSED ASPHALT
- PROPOSED STONE PAVING
- PROPOSED CONCRETE PAVING
- PROPOSED STONE / CONCRETE SETT PAVING
- PROPOSED SELF-BINDING GRAVEL
- PROPOSED COMMUNITY ENHANCEMENT
- PROPOSED TREES
- RETAINED TREES
- REMOVED TREES
- RETAINED VEGETATION
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M01	08/05/2023	EC	ACW	RS	ISSUE FOR PHASE 4: PLANNING

Client

NTA
Údarás Náisiúnta Iompair
National Transport Authority

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

Project Code: BCIDB
Originator Code: JAC

Engineering Designer

Jacobs

Drawn: EC
Checked: ACW
Approved: RS

QMS Code

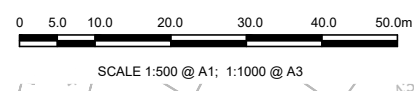
Programme Title: **BUSCONNECTS DUBLIN**
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
LANDSCAPING DESIGN

Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0029
Sheet Number: 29 of 54
Status: A
Rev: M01

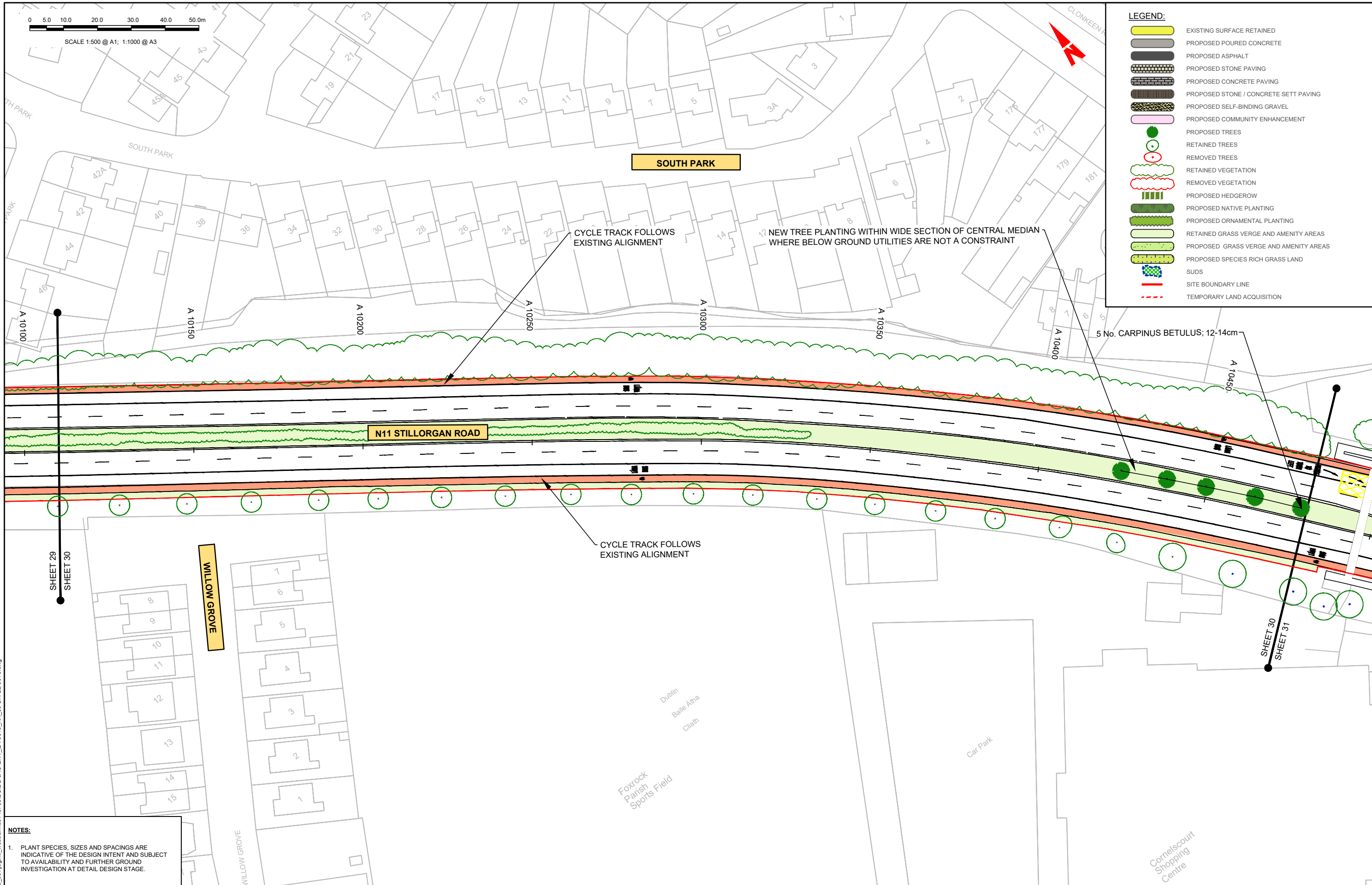
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LEGEND:

- EXISTING SURFACE RETAINED
- PROPOSED POURED CONCRETE
- PROPOSED ASPHALT
- PROPOSED STONE PAVING
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Rev	Date	Dm	Chk'd	App'd	Description
M01	08/05/2023	EC	ACW	RS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

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

Project Code: BCIDB Originator Code: JAC

Drawn: EC Checked: ACW Approved: RS

QMS Code:

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME LANDSCAPING DESIGN			
Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0030	Sheet Number: 30 of 54	Status: A	Rev: M01








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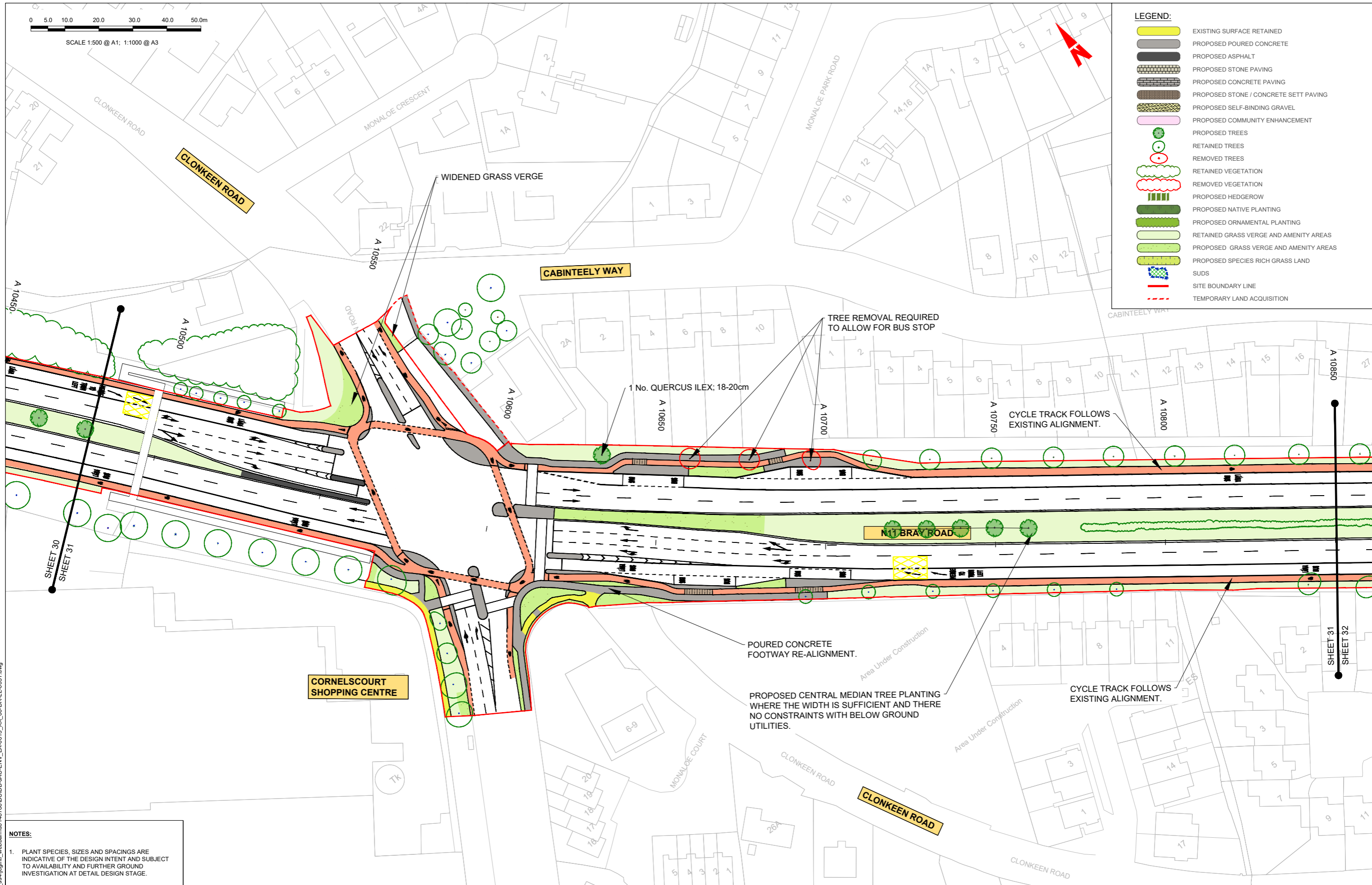
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0 5.0 10.0 20.0 30.0 40.0 50.0m

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

LEGEND:

-  EXISTING SURFACE RETAINED
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-  PROPOSED ASPHALT
-  PROPOSED STONE PAVING
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-  PROPOSED ORNAMENTAL PLANTING
-  RETAINED GRASS VERGE AND AMENITY AREAS
-  PROPOSED GRASS VERGE AND AMENITY AREAS
-  PROPOSED SPECIES RICH GRASS LAND
-  SUDS
-  SITE BOUNDARY LINE
-  TEMPORARY LAND ACQUISITION



NOTES:

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Rev	Date	Drm	Chk'd	App'd	Description
M01	08/05/2023	EC	ACW	RS	ISSUE FOR PHASE 4: PLANNING

Client
NTA
 Údarás Náisiúnta Iompair
 National Transport Authority

Engineering Designer
Jacobs

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

Drawing Title
 BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
 LANDSCAPING DESIGN

Drawing File Name
 BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0031

Sheet Number
 31 of 54

Status
 A

Rev
 M01

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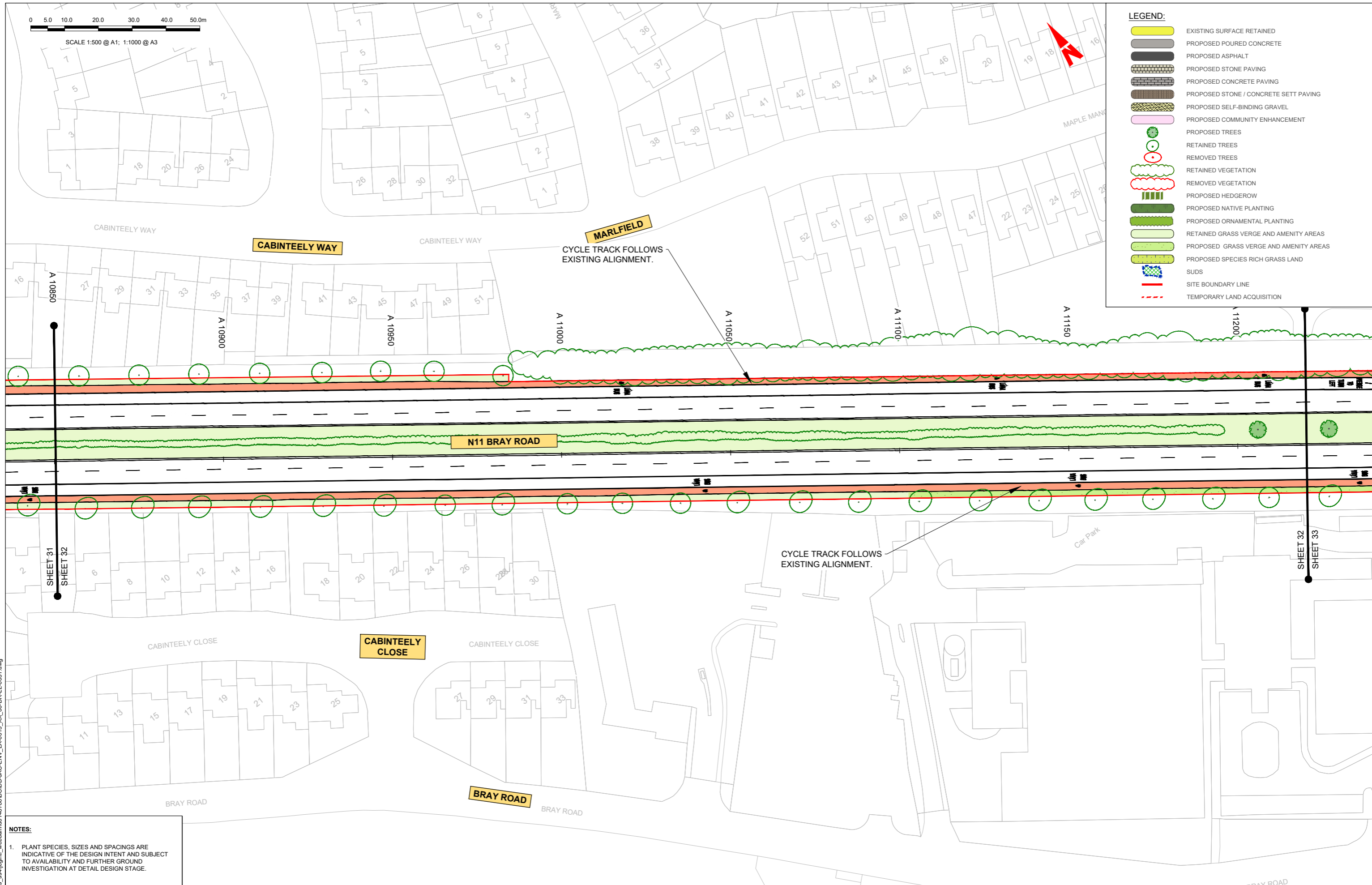
C:\pwworking\jacobs_uk_highways_ss4\legintl_webbarm00148786BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0031.dwg

0 5.0 10.0 20.0 30.0 40.0 50.0m

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

LEGEND:

-  EXISTING SURFACE RETAINED
-  PROPOSED POURED CONCRETE
-  PROPOSED ASPHALT
-  PROPOSED STONE PAVING
-  PROPOSED CONCRETE PAVING
-  PROPOSED STONE / CONCRETE SETT PAVING
-  PROPOSED SELF-BINDING GRAVEL
-  PROPOSED COMMUNITY ENHANCEMENT
-  PROPOSED TREES
-  RETAINED TREES
-  REMOVED TREES
-  RETAINED VEGETATION
-  REMOVED VEGETATION
-  PROPOSED HEDGEROW
-  PROPOSED NATIVE PLANTING
-  PROPOSED ORNAMENTAL PLANTING
-  RETAINED GRASS VERGE AND AMENITY AREAS
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M01	08/05/2023	EC	ACW	RS	ISSUE FOR PHASE 4: PLANNING

 Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer 		
Date	Scale	Drawn	Checked	Approved
08/05/2023	1:500 @ A1 1:1000 @ A3	EC	ACW	RS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME LANDSCAPING DESIGN			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0032	32 of 54	A	M01

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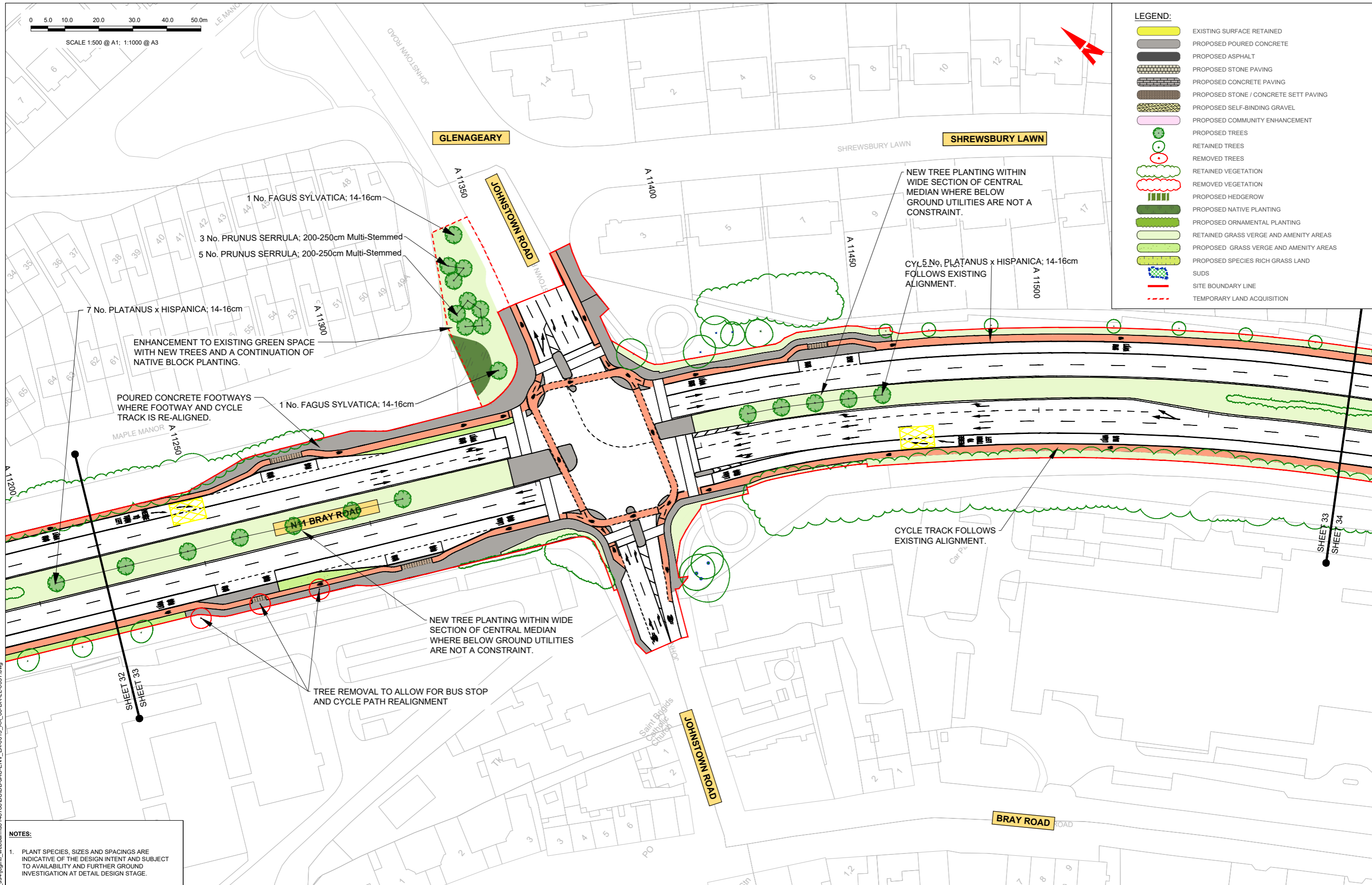
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SCALE 1:500 @ A1; 1:1000 @ A3

LEGEND:

	EXISTING SURFACE RETAINED
	PROPOSED POURED CONCRETE
	PROPOSED ASPHALT
	PROPOSED STONE PAVING
	PROPOSED CONCRETE PAVING
	PROPOSED STONE / CONCRETE SETT PAVING
	PROPOSED SELF-BINDING GRAVEL
	PROPOSED COMMUNITY ENHANCEMENT
	PROPOSED TREES
	RETAINED TREES
	REMOVED TREES
	RETAINED VEGETATION
	REMOVED VEGETATION
	PROPOSED HEDGEROW
	PROPOSED NATIVE PLANTING
	PROPOSED ORNAMENTAL PLANTING
	RETAINED GRASS VERGE AND AMENITY AREAS
	PROPOSED GRASS VERGE AND AMENITY AREAS
	PROPOSED SPECIES RICH GRASS LAND
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M01	08/05/2023	EC	ACW	RS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

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

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

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME LANDSCAPING DESIGN			
Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0033	Sheet Number: 33 of 54	Status: A	Rev: M01

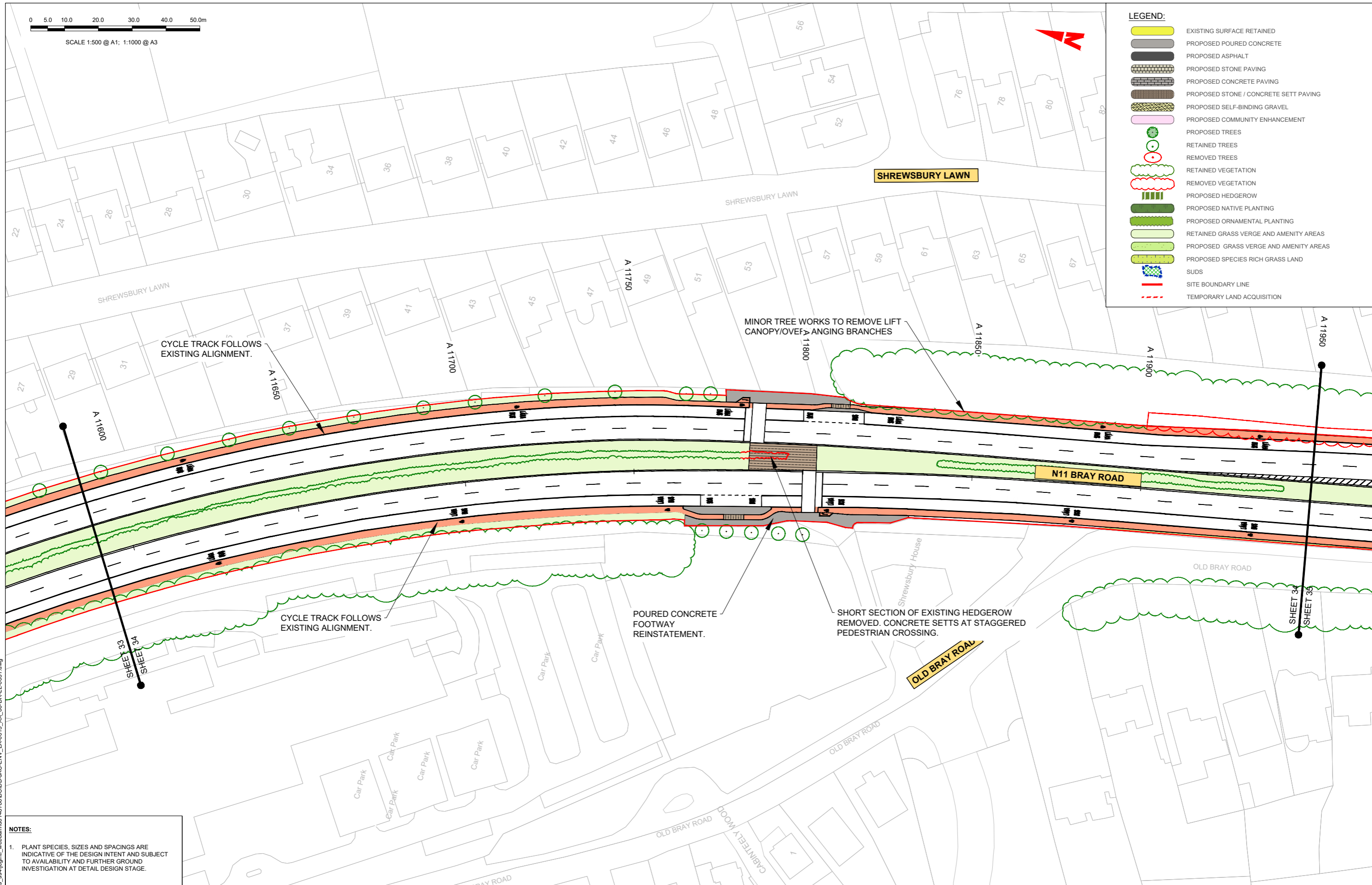
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SCALE 1:500 @ A1; 1:1000 @ A3

LEGEND:

	EXISTING SURFACE RETAINED
	PROPOSED POURED CONCRETE
	PROPOSED ASPHALT
	PROPOSED STONE PAVING
	PROPOSED CONCRETE PAVING
	PROPOSED STONE / CONCRETE SETT PAVING
	PROPOSED SELF-BINDING GRAVEL
	PROPOSED COMMUNITY ENHANCEMENT
	PROPOSED TREES
	RETAINED TREES
	REMOVED TREES
	RETAINED VEGETATION
	REMOVED VEGETATION
	PROPOSED HEDGEROW
	PROPOSED NATIVE PLANTING
	PROPOSED ORNAMENTAL PLANTING
	RETAINED GRASS VERGE AND AMENITY AREAS
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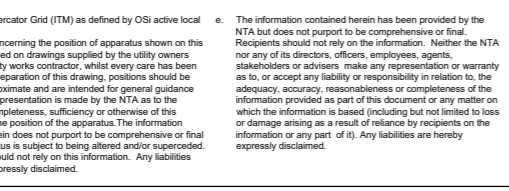
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Client: **NTA**
Údarás Náisiúnta Iompair
National Transport Authority

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

Project Code: BCIDB
Originator Code: JAC

Engineering Designer: **Jacobs**

Drawn: EC
Checked: ACW
Approved: RS

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME LANDSCAPING DESIGN			
Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0034	Sheet Number: 34 of 54	Status: A	Rev: M01

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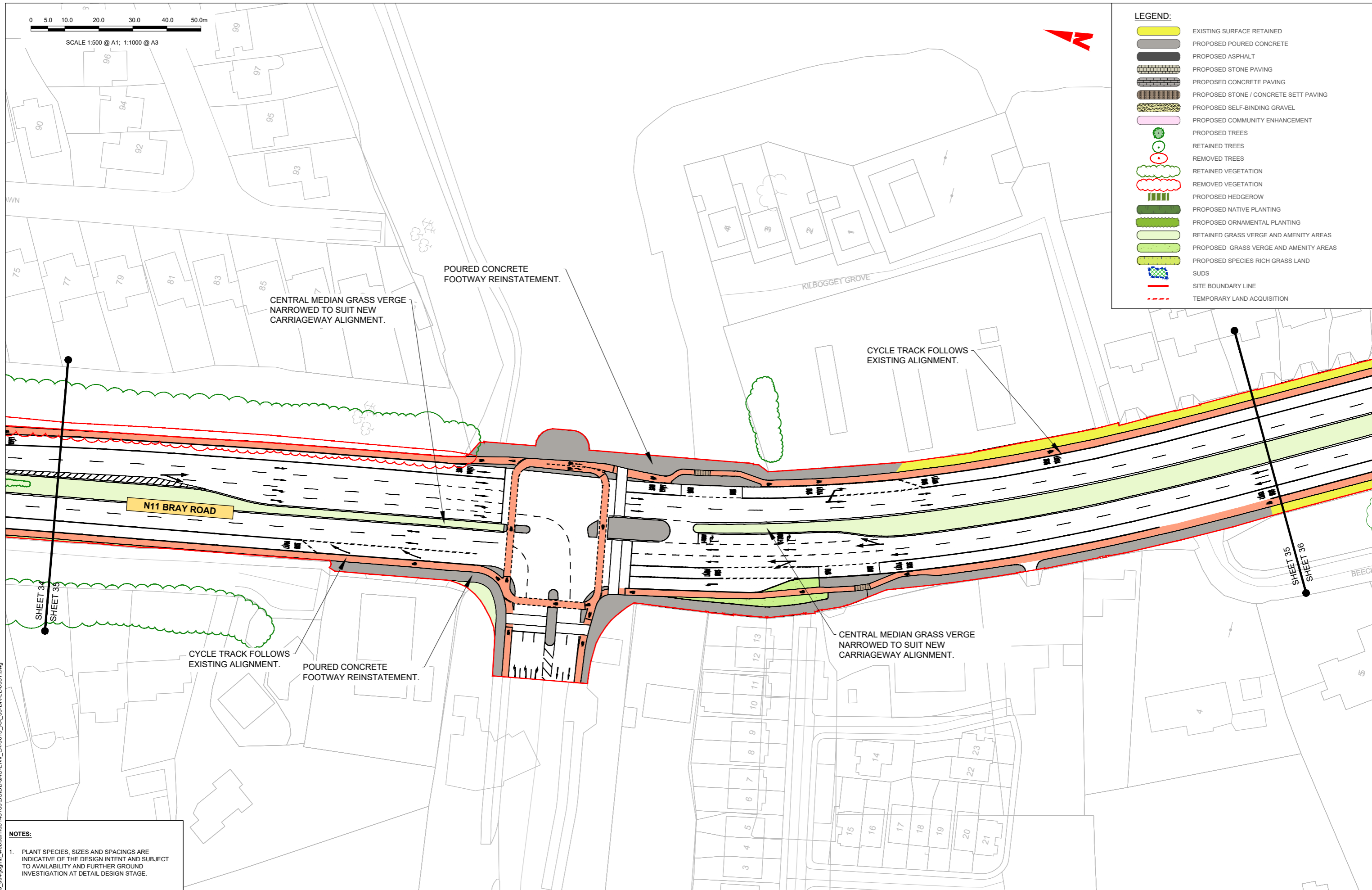


SCALE 1:500 @ A1; 1:1000 @ A3



LEGEND:

	EXISTING SURFACE RETAINED
	PROPOSED POURED CONCRETE
	PROPOSED ASPHALT
	PROPOSED STONE PAVING
	PROPOSED CONCRETE PAVING
	PROPOSED STONE / CONCRETE SETT PAVING
	PROPOSED SELF-BINDING GRAVEL
	PROPOSED COMMUNITY ENHANCEMENT
	PROPOSED TREES
	RETAINED TREES
	REMOVED TREES
	RETAINED VEGETATION
	REMOVED VEGETATION
	PROPOSED HEDGEROW
	PROPOSED NATIVE PLANTING
	PROPOSED ORNAMENTAL PLANTING
	RETAINED GRASS VERGE AND AMENITY AREAS
	PROPOSED GRASS VERGE AND AMENITY AREAS
	PROPOSED SPECIES RICH GRASS LAND
	SUDS
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Údarás Náisiúnta Iompair
National Transport Authority

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

Project Code: BCIDB
Originator Code: JAC

Engineering Designer: **Jacobs**

Drawn: EC
Checked: ACW
Approved: RS

QMS Code:

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME LANDSCAPING DESIGN			
Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0035	Sheet Number: 35 of 54	Status: A	Rev: M01

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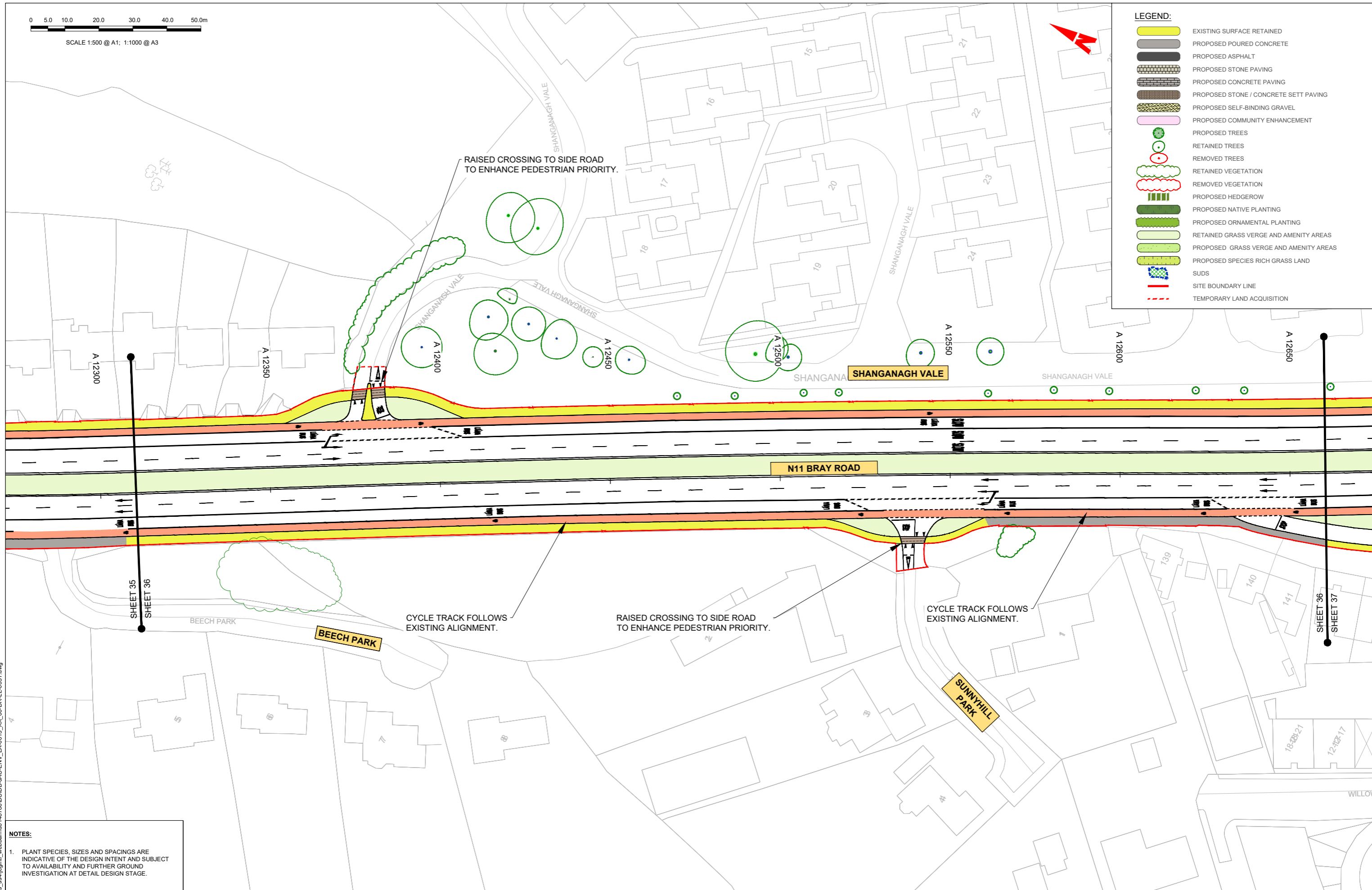
0 5.0 10.0 20.0 30.0 40.0 50.0m

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



LEGEND:

	EXISTING SURFACE RETAINED
	PROPOSED POURED CONCRETE
	PROPOSED ASPHALT
	PROPOSED STONE PAVING
	PROPOSED CONCRETE PAVING
	PROPOSED STONE / CONCRETE SETT PAVING
	PROPOSED SELF-BINDING GRAVEL
	PROPOSED COMMUNITY ENHANCEMENT
	PROPOSED TREES
	RETAINED TREES
	REMOVED TREES
	RETAINED VEGETATION
	REMOVED VEGETATION
	PROPOSED HEDGEROW
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Údarás Náisiúnta Iompair
National Transport Authority

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

Project Code: BCIDB Originator Code: JAC

Engineering Designer: **Jacobs**

Drawn: EC Checked: ACW Approved: RS

QMS Code:

Programme Title: BUSCONNECTS DUBLIN			
CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME LANDSCAPING DESIGN			
Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0036	Sheet Number: 36 of 54	Status: A	Rev: M01

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LEGEND:

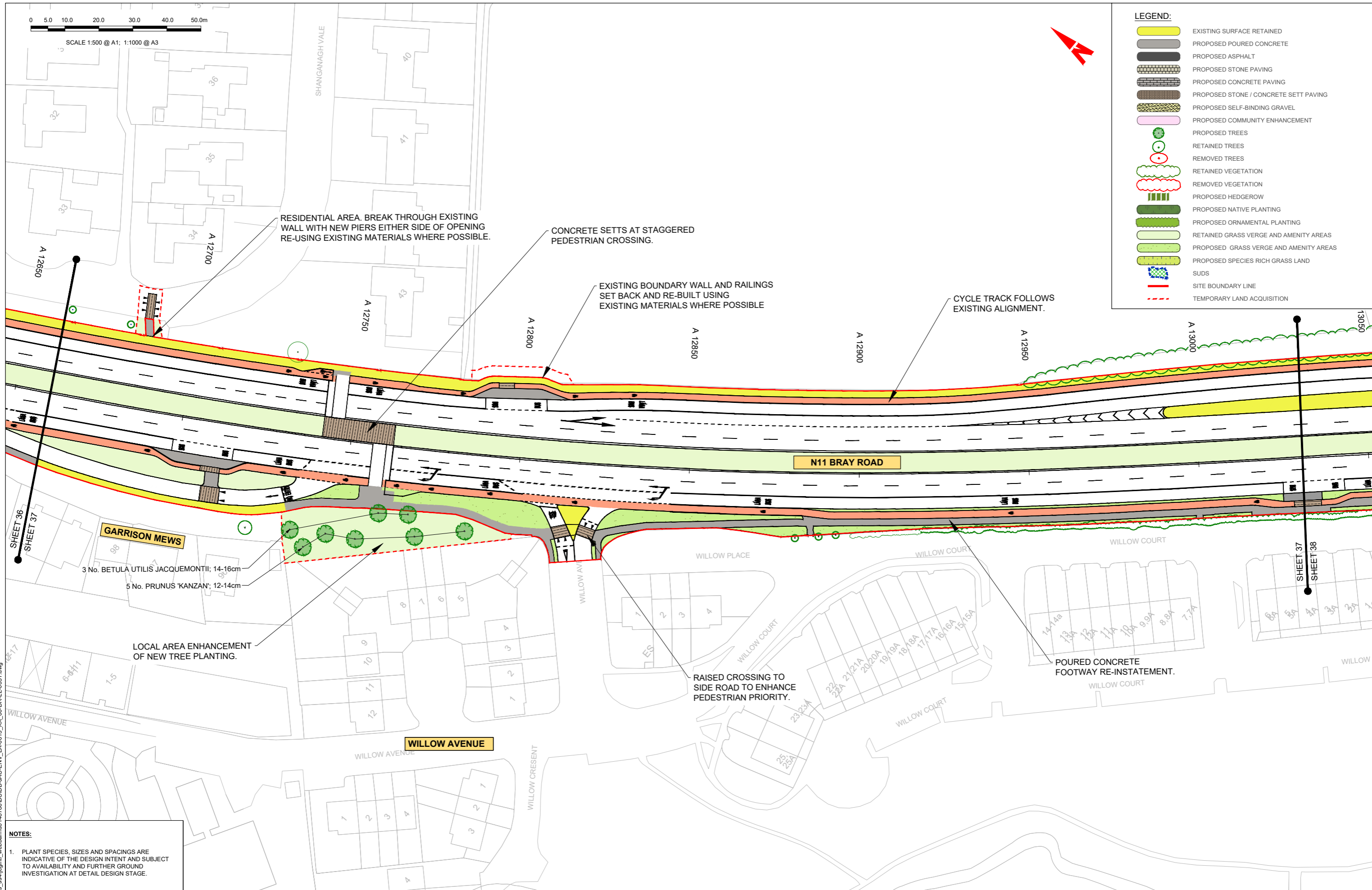
	EXISTING SURFACE RETAINED
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	PROPOSED ASPHALT
	PROPOSED STONE PAVING
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	PROPOSED STONE / CONCRETE SETT PAVING
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	PROPOSED GRASS VERGE AND AMENITY AREAS
	PROPOSED SPECIES RICH GRASS LAND
	SUDS
	SITE BOUNDARY LINE
	TEMPORARY LAND ACQUISITION

RESIDENTIAL AREA. BREAK THROUGH EXISTING WALL WITH NEW PIERS EITHER SIDE OF OPENING RE-USING EXISTING MATERIALS WHERE POSSIBLE.

CONCRETE SETTS AT STAGGERED PEDESTRIAN CROSSING.

EXISTING BOUNDARY WALL AND RAILINGS SET BACK AND RE-BUILT USING EXISTING MATERIALS WHERE POSSIBLE

CYCLE TRACK FOLLOWS EXISTING ALIGNMENT.



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National Transport Authority

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

Project Code: BCIDB
Originator Code: JAC

Engineering Designer: **Jacobs**























Drawn: EC
Checked: ACW
Approved: RS

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME LANDSCAPING DESIGN			
Drawing File Name BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0037	Sheet Number 37 of 54	Status A	Rev M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

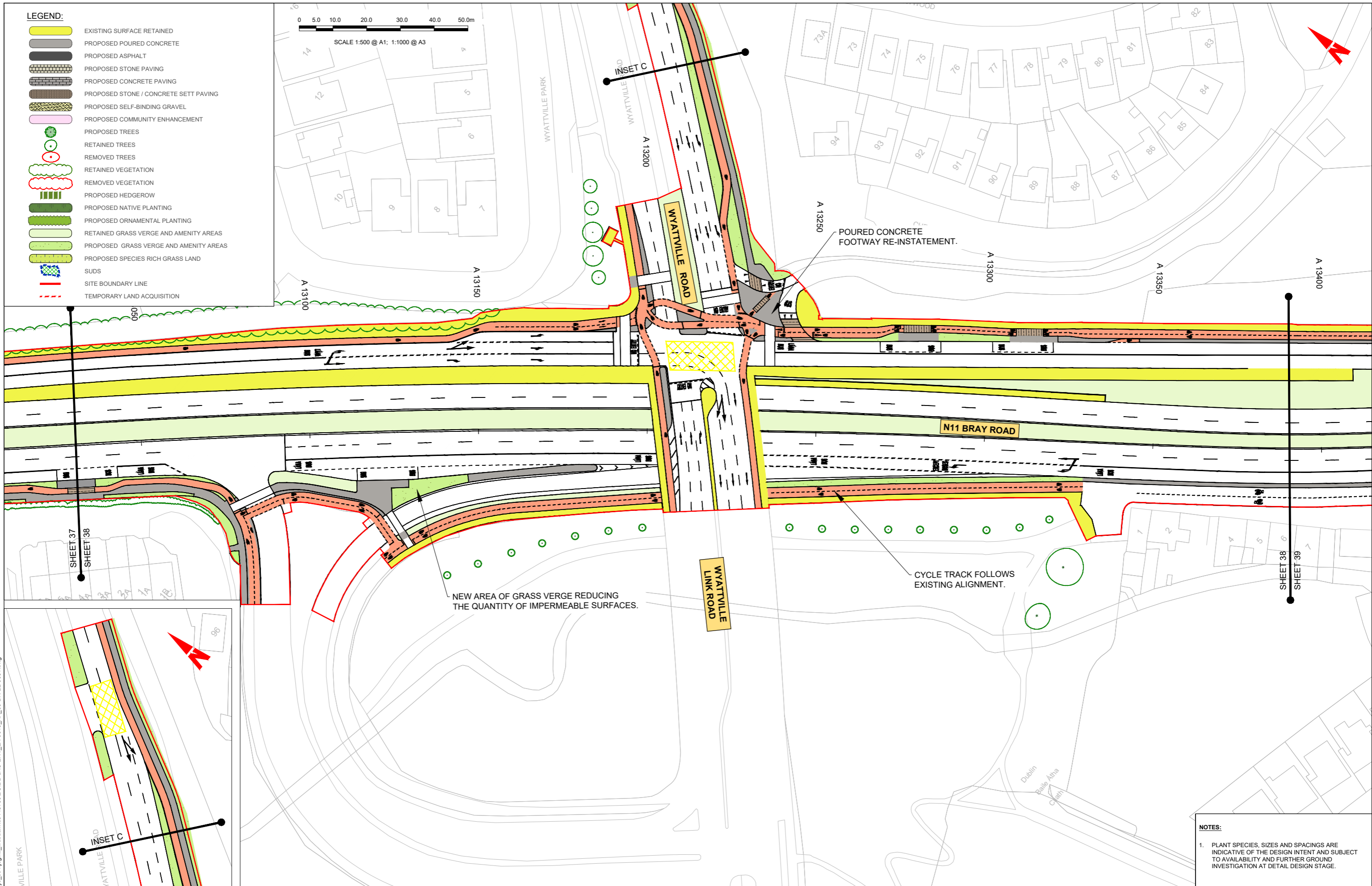
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LEGEND:

-  EXISTING SURFACE RETAINED
-  PROPOSED POURED CONCRETE
-  PROPOSED ASPHALT
-  PROPOSED STONE PAVING
-  PROPOSED CONCRETE PAVING
-  PROPOSED STONE / CONCRETE SETT PAVING
-  PROPOSED SELF-BINDING GRAVEL
-  PROPOSED COMMUNITY ENHANCEMENT
-  PROPOSED TREES
-  RETAINED TREES
-  REMOVED TREES
-  RETAINED VEGETATION
-  REMOVED VEGETATION
-  PROPOSED HEDGEROW
-  PROPOSED NATIVE PLANTING
-  PROPOSED ORNAMENTAL PLANTING
-  RETAINED GRASS VERGE AND AMENITY AREAS
-  PROPOSED GRASS VERGE AND AMENITY AREAS
-  PROPOSED SPECIES RICH GRASS LAND
-  SUDS
-  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



INSET C

POURED CONCRETE FOOTWAY RE-INSTALLMENT.

N11 BRAY ROAD

WYATTVILLE LINK ROAD

NEW AREA OF GRASS VERGE REDUCING THE QUANTITY OF IMPERMEABLE SURFACES.

CYCLE TRACK FOLLOWS EXISTING ALIGNMENT.



NOTES:
1. PLANT SPECIES, SIZES AND SPACINGS ARE INDICATIVE OF THE DESIGN INTENT AND SUBJECT TO AVAILABILITY AND FURTHER GROUND INVESTIGATION AT DETAIL DESIGN STAGE.

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

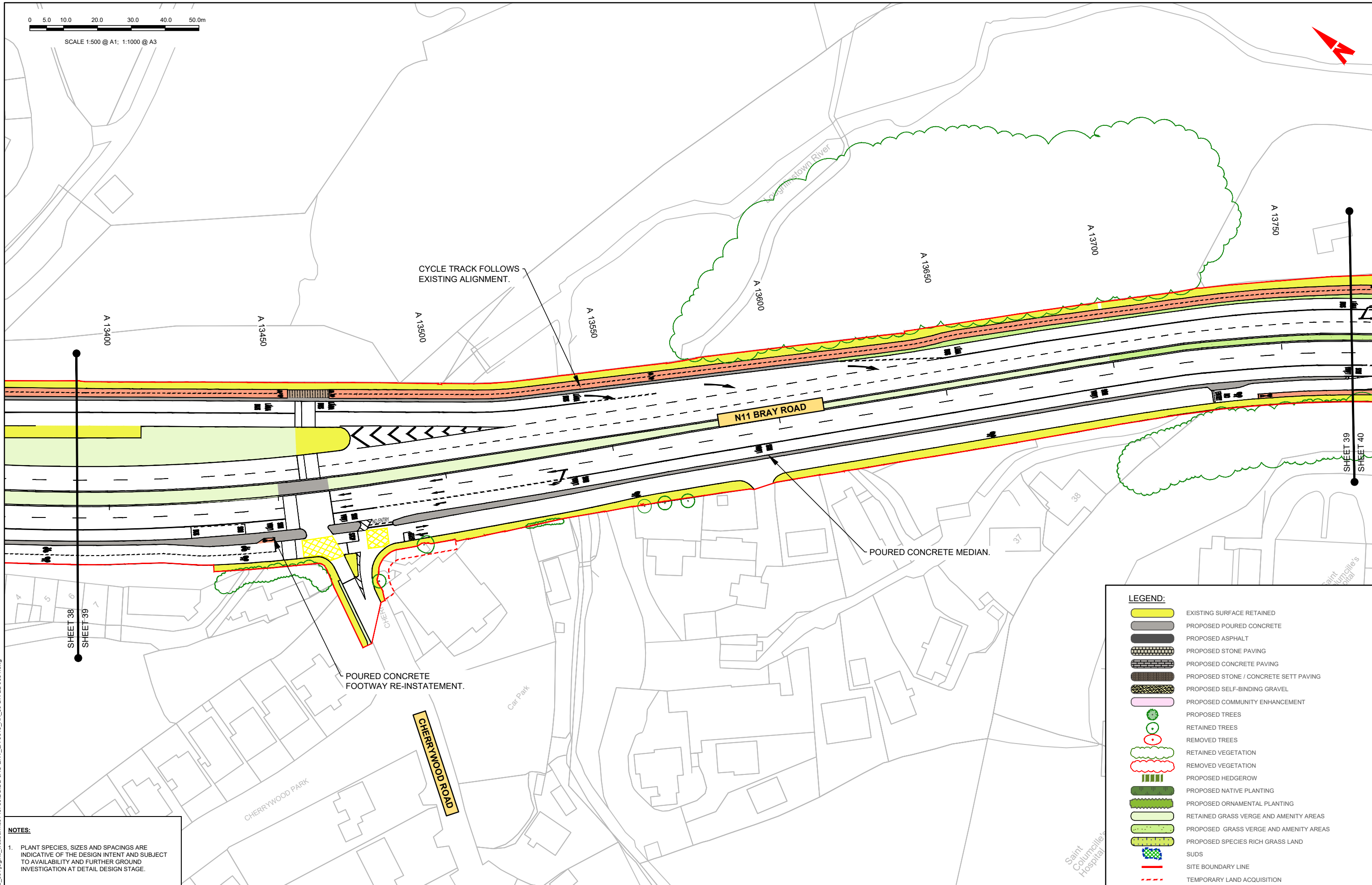
 Údarás Náisiúnta Iompair National Transport Authority				
Date	Scale	Drawn	Checked	Approved
08/05/2023	1:500 @ A1 1:1000 @ A3	EC	ACW	RS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME LANDSCAPING DESIGN			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0038	38 of 54	A	M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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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LEGEND:

	EXISTING SURFACE RETAINED
	PROPOSED POURED CONCRETE
	PROPOSED ASPHALT
	PROPOSED STONE PAVING
	PROPOSED CONCRETE PAVING
	PROPOSED STONE / CONCRETE SETT PAVING
	PROPOSED SELF-BINDING GRAVEL
	PROPOSED COMMUNITY ENHANCEMENT
	PROPOSED TREES
	REMOVED TREES
	RETAINED VEGETATION
	REMOVED VEGETATION
	PROPOSED HEDGEROW
	PROPOSED NATIVE PLANTING
	PROPOSED ORNAMENTAL PLANTING
	RETAINED GRASS VERGE AND AMENITY AREAS
	PROPOSED GRASS VERGE AND AMENITY AREAS
	PROPOSED SPECIES RICH GRASS LAND
	SUDS
	SITE BOUNDARY LINE
	TEMPORARY LAND ACQUISITION

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

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

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

Engineering Designer: **Jacobs**

Drawn: EC Checked: ACW Approved: RS

Project Code: BCIDB Originator Code: JAC QMS Code:

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

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME**
LANDSCAPING DESIGN

Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0039

Sheet Number: 39 of 54 Status: A Rev: M01
















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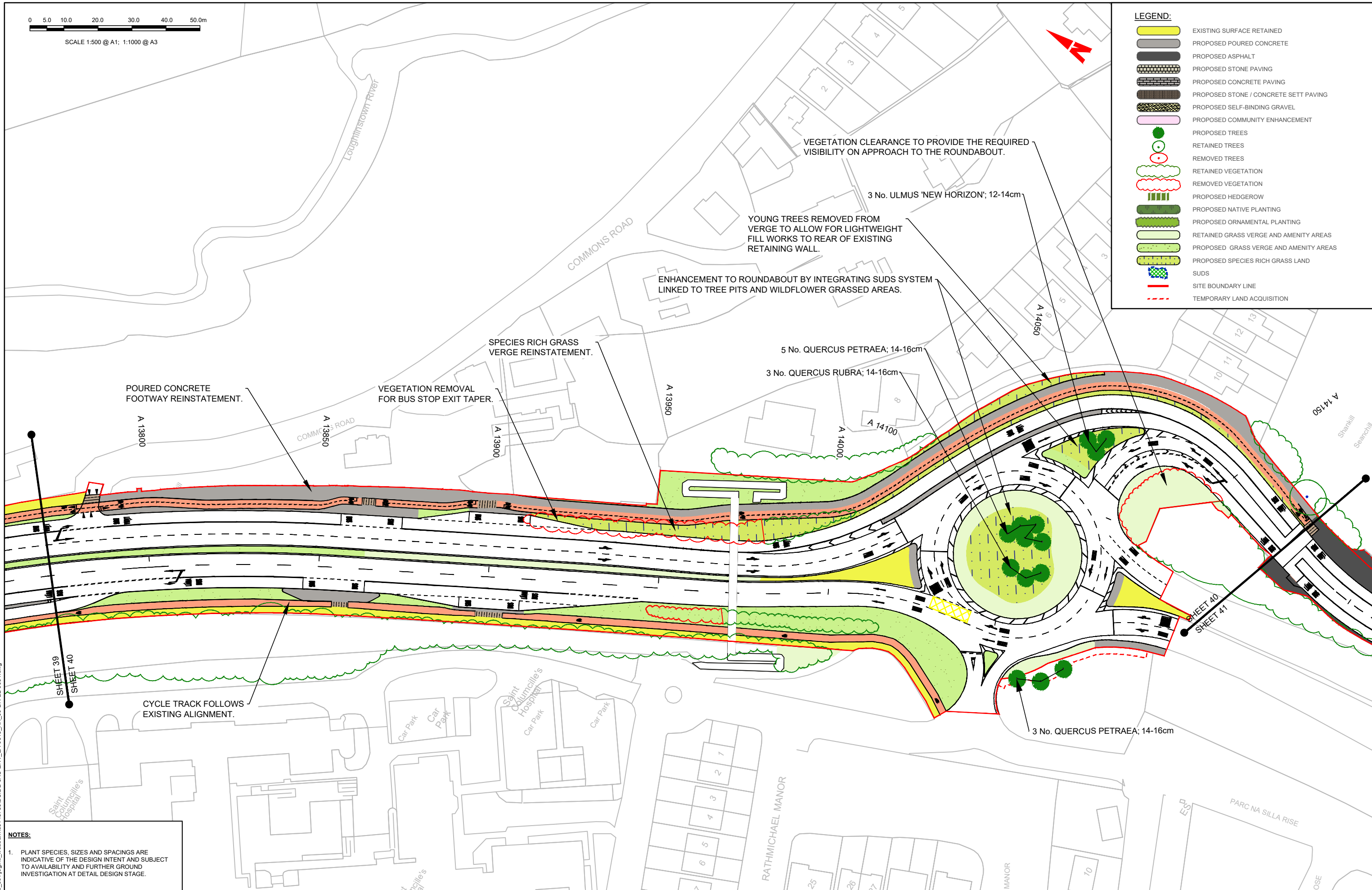
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0 5.0 10.0 20.0 30.0 40.0 50.0m

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

LEGEND:

-  EXISTING SURFACE RETAINED
-  PROPOSED POURED CONCRETE
-  PROPOSED ASPHALT
-  PROPOSED STONE PAVING
-  PROPOSED CONCRETE PAVING
-  PROPOSED STONE / CONCRETE SETT PAVING
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-  PROPOSED SPECIES RICH GRASS LAND
-  SUDS
-  SITE BOUNDARY LINE
-  TEMPORARY LAND ACQUISITION



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Project Ireland 2040
Building Ireland's Future

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

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

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

Engineering Designer: **Jacobs**

Drawn: EC, Checked: ACW, Approved: RS

Project Code: BCIDB, Originator Code: JAC

QMS Code:

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

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME LANDSCAPING DESIGN**

Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0040

Sheet Number: 40 of 54

Status: A

Rev: M01

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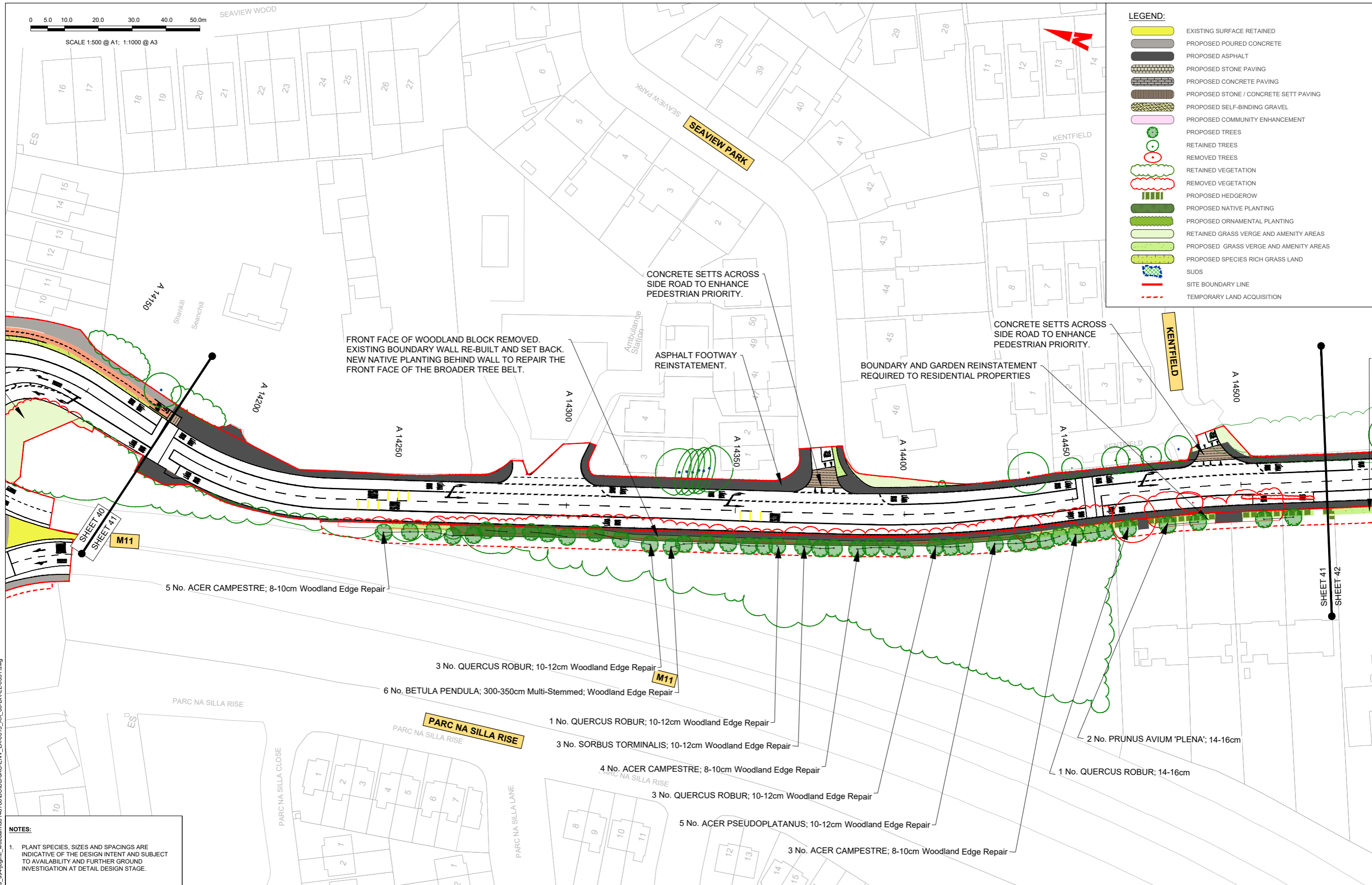
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SCALE 1:500 @ A1; 1:1000 @ A3

LEGEND:

- EXISTING SURFACE RETAINED
- PROPOSED POURED CONCRETE
- PROPOSED ASPHALT
- PROPOSED STONE PAVING
- PROPOSED CONCRETE PAVING
- PROPOSED STONE / CONCRETE SETT PAVING
- PROPOSED SELF-BINDING GRAVEL
- PROPOSED COMMUNITY ENHANCEMENT
- PROPOSED TREES
- RETAINED TREES
- REMOVED TREES
- RETAINED VEGETATION
- REMOVED VEGETATION
- PROPOSED HEDGEROW
- PROPOSED NATIVE PLANTING
- PROPOSED ORNAMENTAL PLANTING
- RETAINED GRASS VERGE AND AMENITY AREAS
- PROPOSED GRASS VERGE AND AMENITY AREAS
- PROPOSED SPECIES RICH GRASS LAND
- SUDS
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION



NOTES:

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Project Ireland 2040
Building Ireland's Future

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

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

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

Project Code: BCIDB
Originator Code: JAC

Engineering Designer: **Jacobs**

Drawn: EC
Checked: ACW
Approved: RS

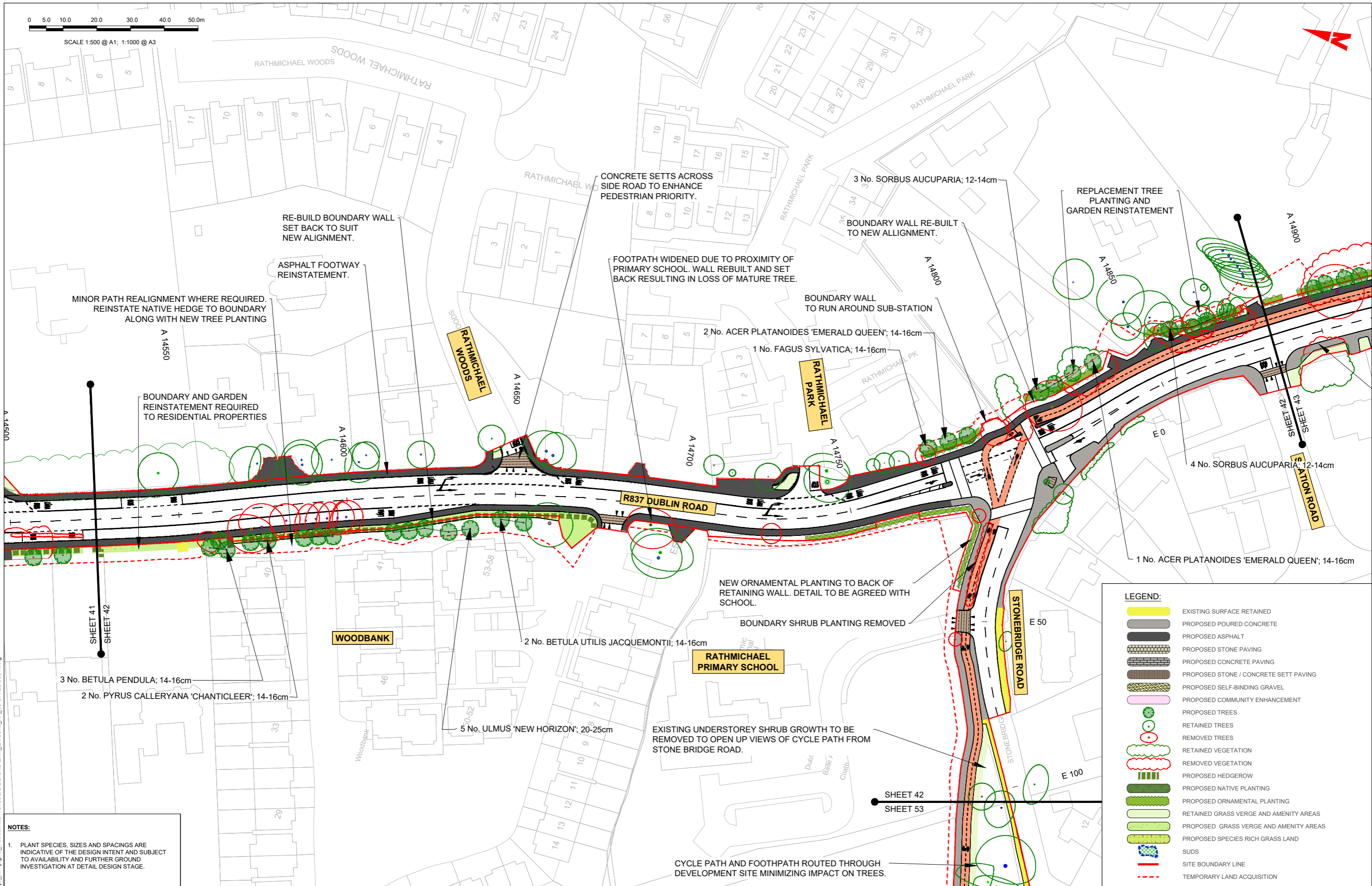
Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME LANDSCAPING DESIGN			
Drawing File Name BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0041	Sheet Number 41 of 54	Status A	Rev M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



NOTES:

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LEGEND:

	EXISTING SURFACE RETAINED
	PROPOSED POURED CONCRETE
	PROPOSED ASPHALT
	PROPOSED STONE PAVING
	PROPOSED CONCRETE PAVING
	PROPOSED STONE / CONCRETE SETT PAVING
	PROPOSED SELF-BINDING GRAVEL
	PROPOSED COMMUNITY ENHANCEMENT
	PROPOSED TREES
	RETAINED TREES
	REMOVED TREES
	RETAINED VEGETATION
	REMOVED VEGETATION
	PROPOSED HEDGEROW
	PROPOSED NATIVE PLANTING
	PROPOSED ORNAMENTAL PLANTING
	RETAINED GRASS VERGE AND AMENITY AREAS
	PROPOSED GRASS VERGE AND AMENITY AREAS
	PROPOSED SPECIES RICH GRASS LAND
	SUDS
	SITE BOUNDARY LINE
	TEMPORARY LAND ACQUISITION

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Rev	Date	Drm	Chk'd	App'd	Description
M01	08/05/2023	EC	ACW	RS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date	Scale	Drawn	Checked	Approved
08/05/2023	1:500 @ A1 1:1000 @ A3	EC	ACW	RS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME LANDSCAPING DESIGN			
Drawing File Name BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0042	Sheet Number 42 of 54	Status A	Rev M01

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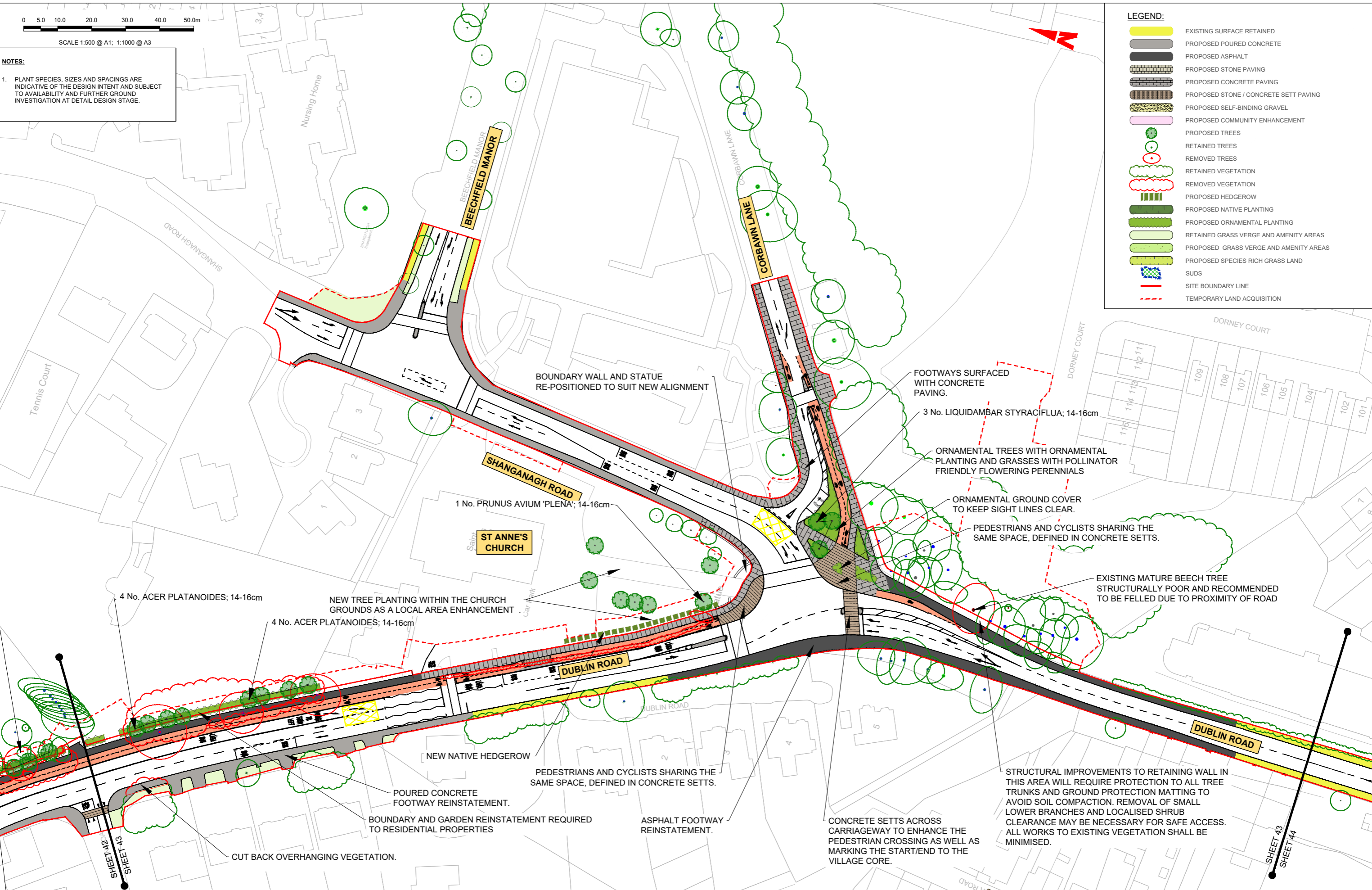


SCALE 1:500 @ A1; 1:1000 @ A3

NOTES:
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LEGEND:

	EXISTING SURFACE RETAINED
	PROPOSED POURED CONCRETE
	PROPOSED ASPHALT
	PROPOSED STONE PAVING
	PROPOSED CONCRETE PAVING
	PROPOSED STONE / CONCRETE SETT PAVING
	PROPOSED SELF-BINDING GRAVEL
	PROPOSED COMMUNITY ENHANCEMENT
	PROPOSED TREES
	RETAINED TREES
	REMOVED TREES
	RETAINED VEGETATION
	REMOVED VEGETATION
	PROPOSED HEDGEROW
	PROPOSED NATIVE PLANTING
	PROPOSED ORNAMENTAL PLANTING
	RETAINED GRASS VERGE AND AMENITY AREAS
	PROPOSED GRASS VERGE AND AMENITY AREAS
	PROPOSED SPECIES RICH GRASS LAND
	SUDS
	SITE BOUNDARY LINE
	TEMPORARY LAND ACQUISITION



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

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

Engineering Designer: **Jacobs**

Date: 08/05/2023
 Scale: 1:500 @ A1, 1:1000 @ A3
 Project Code: BCIDB
 Originator Code: JAC

Drawn: EC
 Checked: ACW
 Approved: RS

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

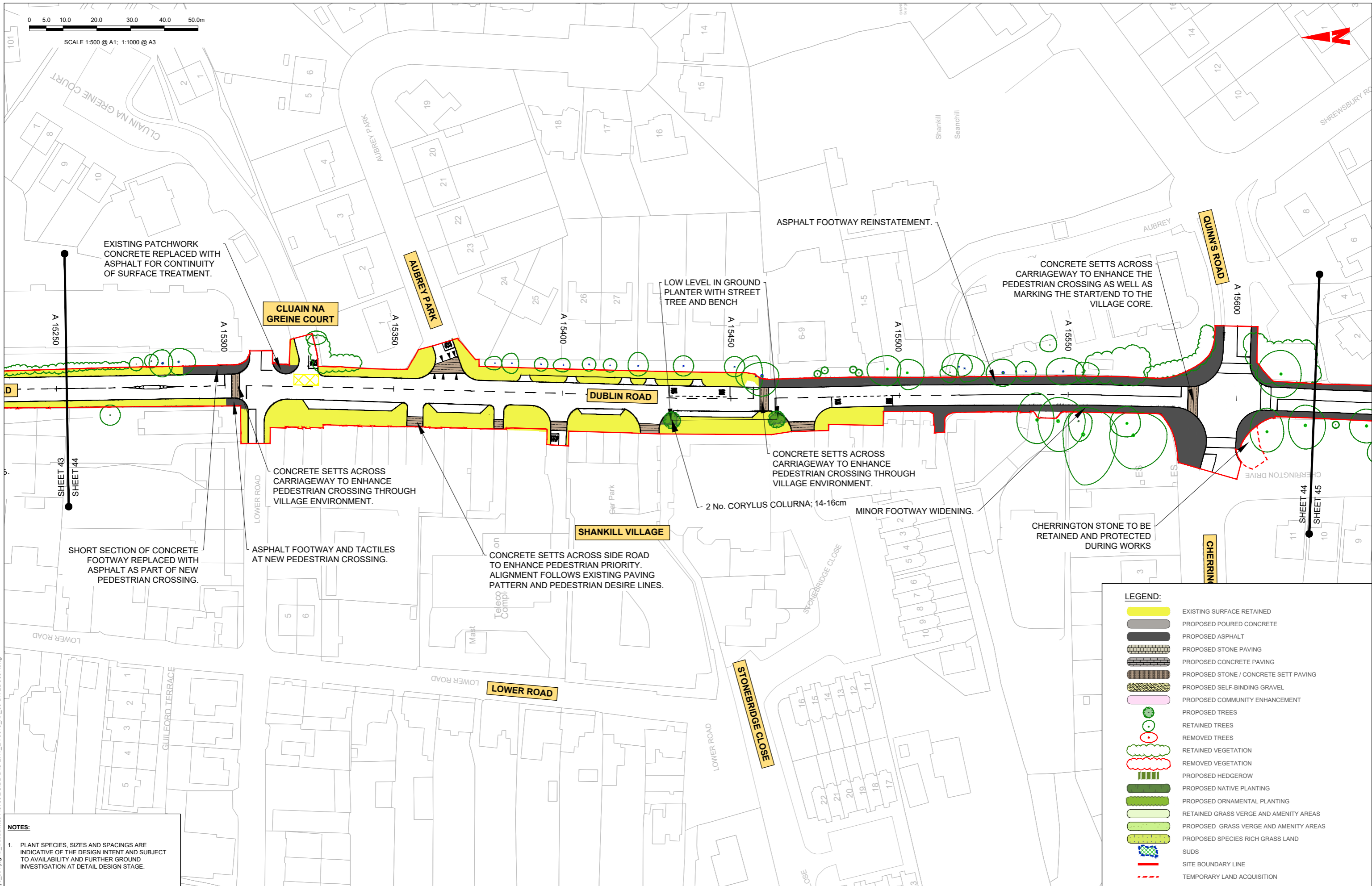
Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME LANDSCAPING DESIGN**

Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0043	Sheet Number: 43 of 54	Status: A	Rev: M01
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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



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



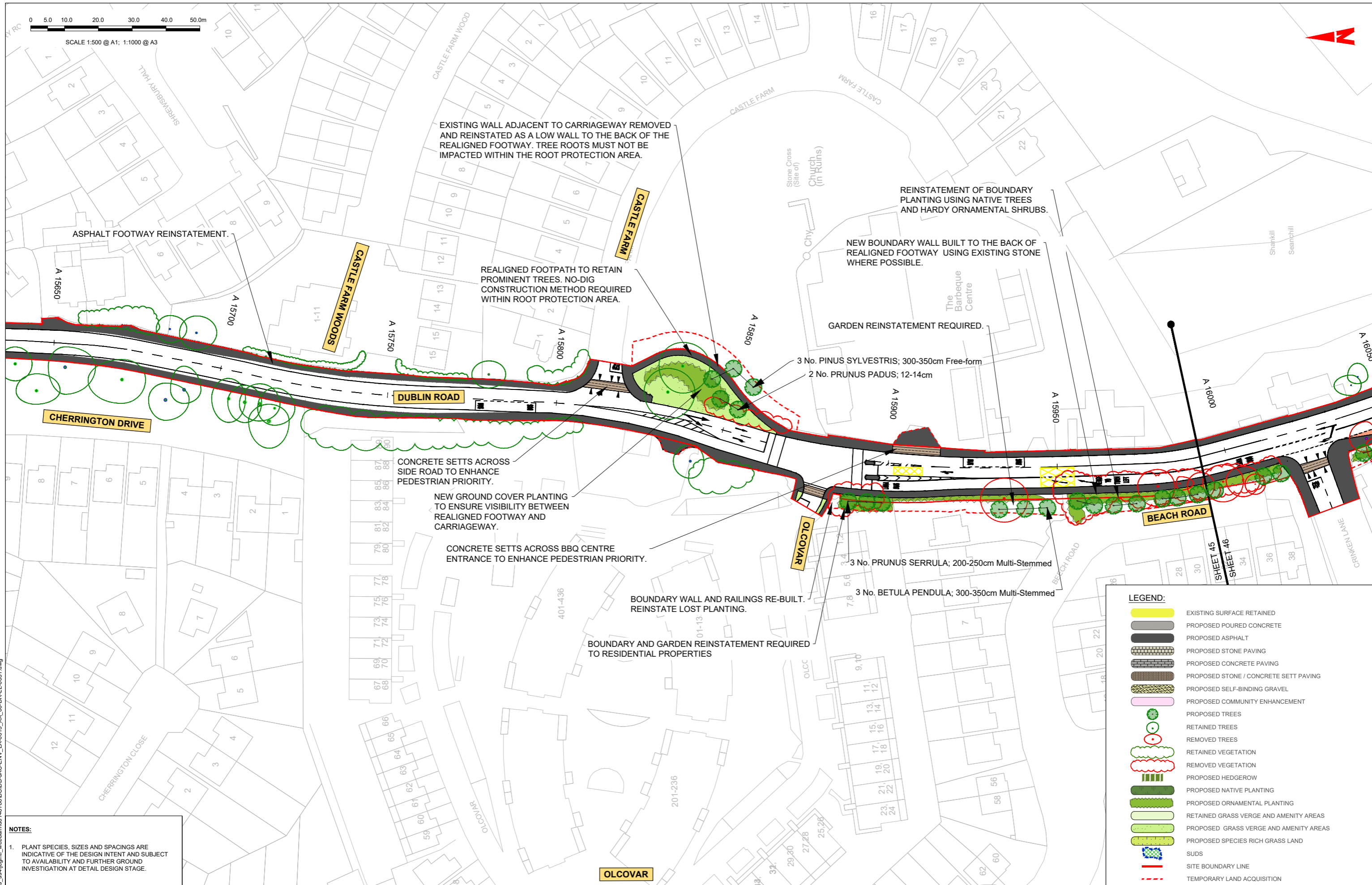
Client NTA Údarás Náisiúnta Iompair National Transport Authority
Date 08/05/2023 Scale 1:500 @ A1 1:1000 @ A3
Project Code BCIDB Originator Code JAC
Engineering Designer Jacobs
Drawn EC Checked ACW Approved RS
QMS Code

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS
Drawing Title BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME LANDSCAPING DESIGN
Drawing File Name BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0044
Sheet Number 44 of 54
Status A
Rev M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



NOTES:
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LEGEND:

- EXISTING SURFACE RETAINED
- PROPOSED POURED CONCRETE
- PROPOSED ASPHALT
- PROPOSED STONE PAVING
- PROPOSED CONCRETE PAVING
- PROPOSED STONE / CONCRETE SETT PAVING
- PROPOSED SELF-BINDING GRAVEL
- PROPOSED COMMUNITY ENHANCEMENT
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Project Ireland 2040
Building Ireland's Future

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

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

Engineering Designer: **Jacobs**

Date: 08/05/2023 Scale: 1:500 @ A1, 1:1000 @ A3
Project Code: BCIDB Originator Code: JAC
Drawn: EC Checked: ACW Approved: RS

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

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME LANDSCAPING DESIGN**

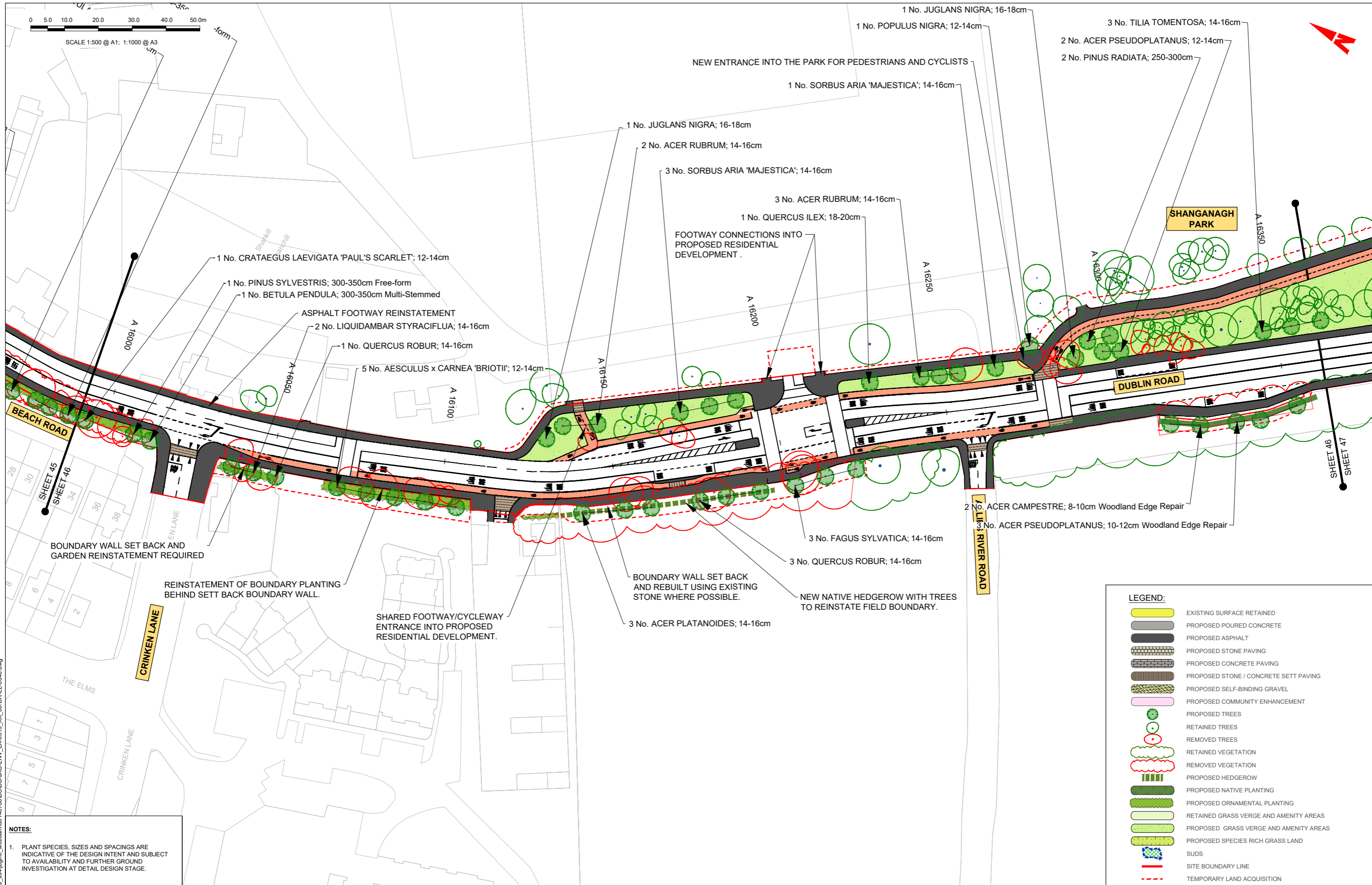
Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0045 Sheet Number: 45 of 54 Status: A Rev: M01

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



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<p>Rev M01 Date 08/05/2023 Dm EC Chk'd ACW App'd RS Description ISSUE FOR PHASE 4: PLANNING</p>					<p>Client NTA Údarás Náisiúnta Iompair National Transport Authority</p>		<p>Engineering Designer Jacobs</p>			<p>Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</p>				
<p>Date 08/05/2023 Scale 1:500 @ A1 1:1000 @ A3</p>					<p>Drawn EC</p>		<p>Checked ACW</p>		<p>Approved RS</p>		<p>Drawing Title BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME LANDSCAPING DESIGN</p>			
<p>Project Code BCIDB Originator Code JAC</p>					<p>QMS Code</p>		<p>Drawing File Name BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0046</p>				<p>Sheet Number 46 of 54</p>		<p>Status A</p>	<p>Rev M01</p>

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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



SHANGANAGH PARK

ONE CATEGORY A TREE REMOVED TO ALLOW TWO CYCLE PATH THROUGH PARK.

GATE AND RAILINGS WILL BE REMOVED AND RETURNED TO DLRC FOR FUTURE USE AS PART OF SHANGANAGH PARK MASTERPLAN PROPOSALS.

CONCRETE SETTS ACROSS SIDE ROAD TO ENHANCE PEDESTRIAN PRIORITY.

PROPOSED NATIVE HEDGEROW WITHIN CEMETERY.

ROW OF CONIFER TREES REMOVED AND EXISTING WALL RE-BUILT AND SET BACK TO ALLOW TWO WAY CYCLE PATH ON THIS SIDE OF THE ROAD.

TREE REMOVAL HAS BEEN MINIMISED THROUGH THIS SECTION. NEW TREE PLANTING WITHIN WIDE VERGE TO MITIGATE FOR THE LOSSES

A 16400

A 16450

A 16500

A 16550

A 16600

A 16650

A 16700

A 16750

DUBLIN ROAD

SHEET 47
SHEET 48

5 No. PRUNUS AVIUM; 10-12cm Woodland Edge Repair

3 No. ACER PSEUDOPLATANUS; 10-12cm Woodland Edge Repair

1 No. TAXUS BACCATA; 150-175cm

5 No. SORBUS TORMINALIS; 10-12cm Woodland Edge Repair

ASPHALT FOOTWAY REINSTATEMENT.

1 No. FAGUS SYLVATICA; 14-16cm

3 No. ACER PSEUDOPLATANUS; 10-12cm Woodland Edge Repair

2 No. LIQUIDAMBAR STYRACIFLUA; 14-16cm

PARTIAL LOSS OF TREE GROUP ON WEST SIDE OF ROAD. WALL REMOVED AND SET BACK RE-USING EXISTING STONE WHERE POSSIBLE. NEW PLANTNG TO THE REAR OF THE NEW WALL

LEGEND:

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M01	08/05/2023	EC	ACW	RS	ISSUE FOR PHASE 4: PLANNING

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

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

Project Code: BCIDB Originator Code: JAC

Engineering Designer: **Jacobs**

Drawn: EC Checked: ACW Approved: RS

QMS Code:

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

Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME
LANDSCAPING DESIGN

Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0047

Sheet Number: 47 of 54 Status: A Rev: M01

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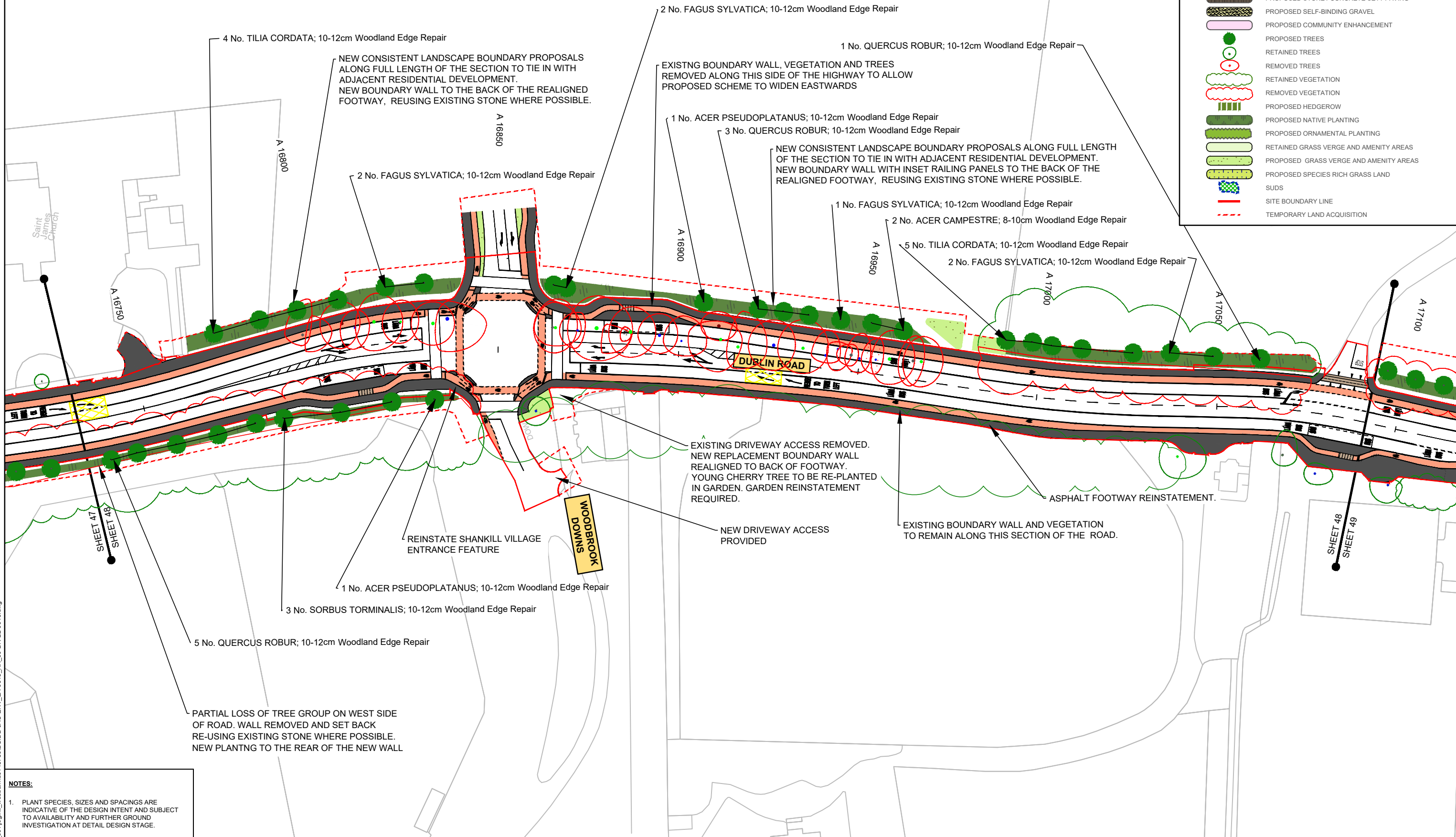
0 5.0 10.0 20.0 30.0 40.0 50.0m

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



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1:1000 @ A3

Project Code: BCIDB Originator Code: JAC

Engineering Designer: **Jacobs**

Drawn: EC Checked: ACW Approved: RS

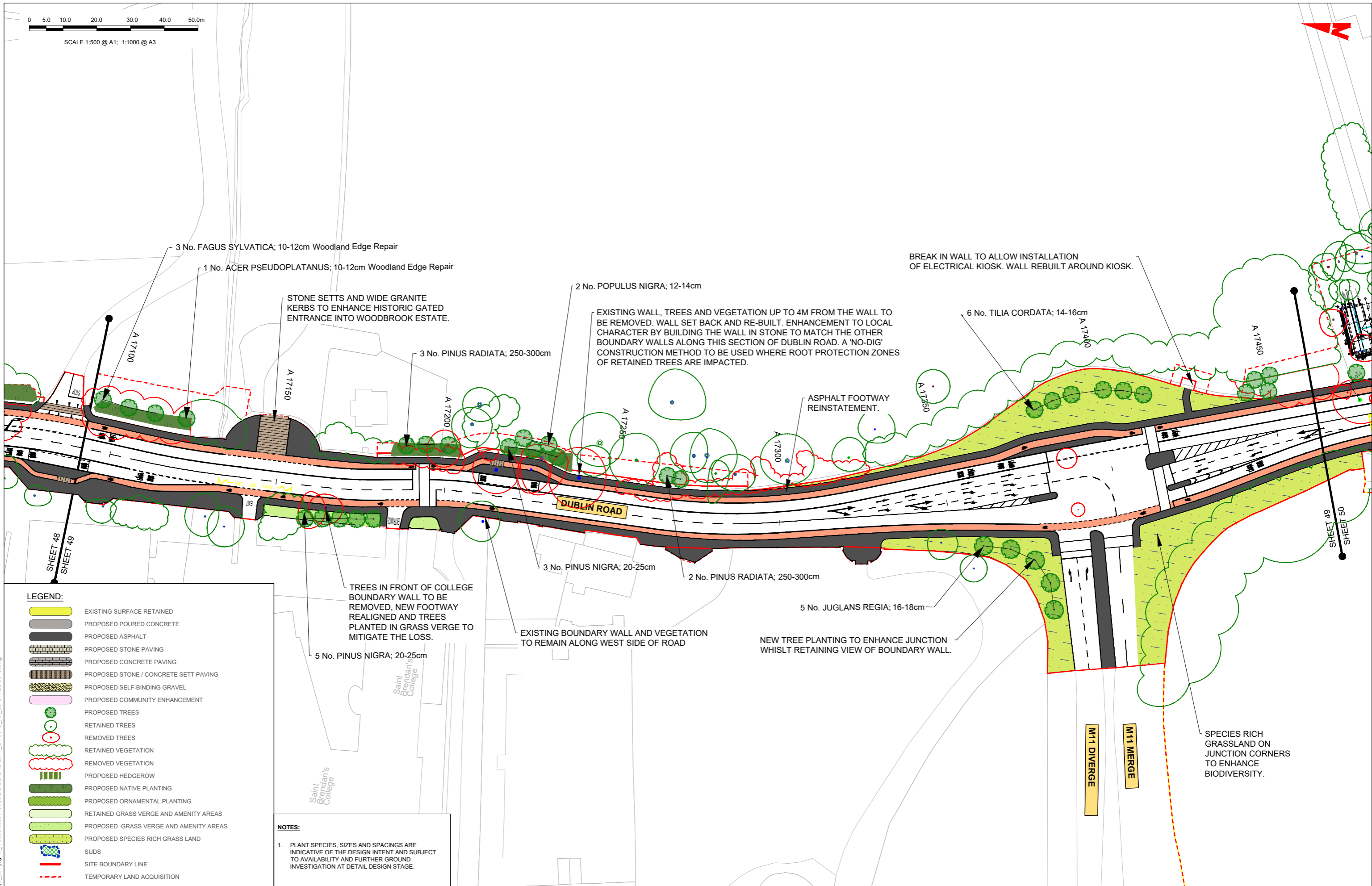
Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME LANDSCAPING DESIGN			
Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0048	Sheet Number: 48 of 54	Status: A	Rev: M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



LEGEND:

	EXISTING SURFACE RETAINED
	PROPOSED POURED CONCRETE
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 Údarás Náisiúnta Iompair National Transport Authority		 Engineering Designer		
Date	Scale	Drawn	Checked	Approved
08/05/2023	1:500 @ A1 1:1000 @ A3	EC	ACW	RS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME LANDSCAPING DESIGN			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0049	49 of 54	A	M01

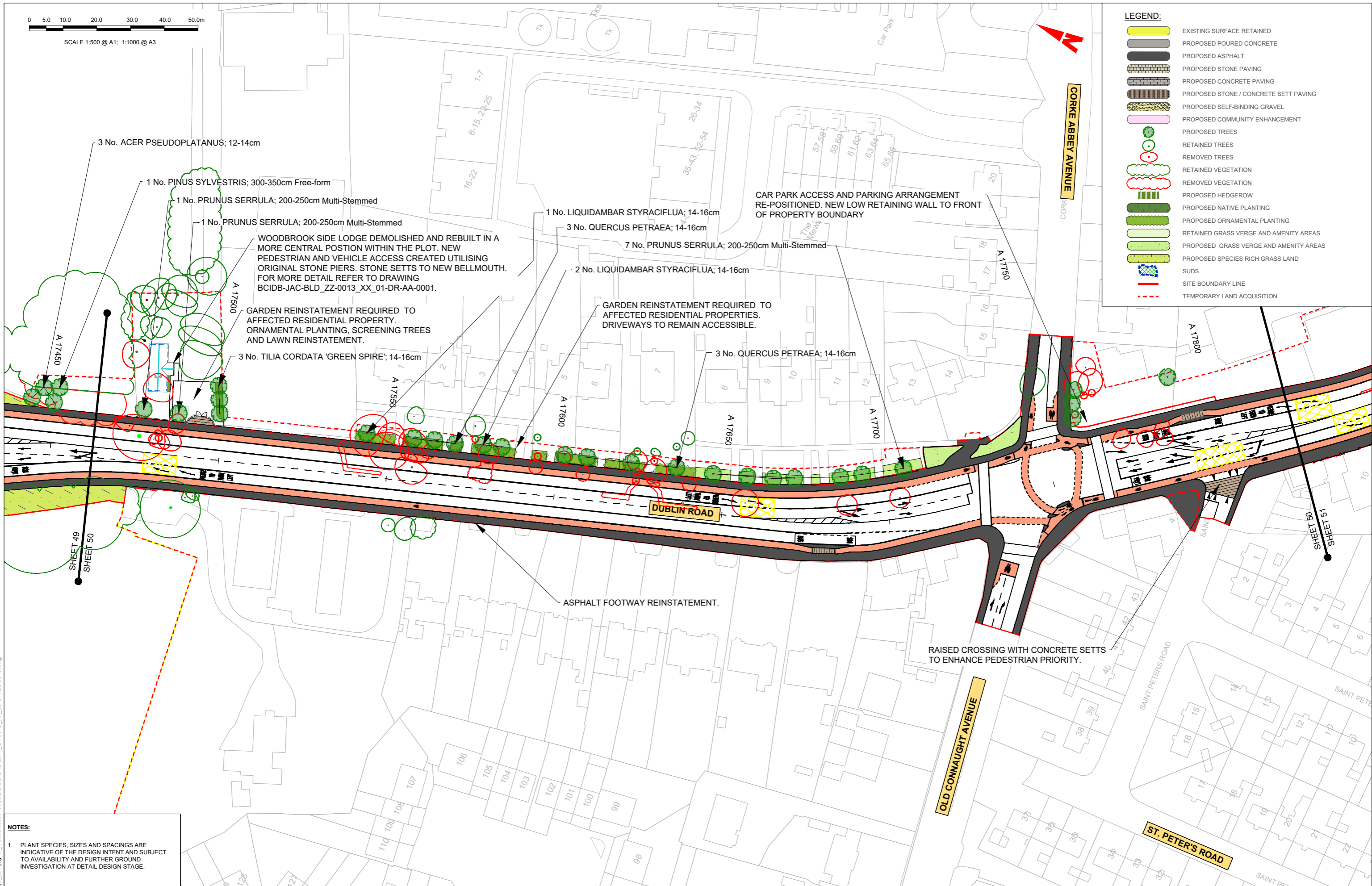
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Client: **NTA**
Údarás Náisiúnta Iompair
National Transport Authority

Engineering Designer: **Jacobs**

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

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

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME LANDSCAPING DESIGN			
Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0050	Sheet Number: 50 of 54	Status: A	Rev: M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m

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

CORKE ABBEY

A 17900

11 No. JUGLANS NIGRA; 16-18cm

NEW TREES WITHIN WIDE VERGE WITH LINKED TREE PITS COMBINING WITH THE SURFACE WATER DRAINAGE SYSTEM.

3 No. ACER PSEUDOPLATANUS; 12-14cm 18cm

PROMINENT MATURE CEDAR TREE RETAINED ALONG WITH CURVED SECTION OF HISTORIC BOUNDARY WALL.

SETT PAVING ACROSS HISTORIC ENTRANCE.

ASPHALT FOOTWAY REINSTATEMENT.

RAISED CROSSING WITH CONCRETE SETTS TO ENHANCE PEDESTRIAN PRIORITY.

3 No. QUERCUS PETRAEA; 14-16cm

TRANSITION OF FOOTWAY MATERIAL APPROACHING BRAY

PROPOSED BIKE RACKS AT THIS LOCATION

LOCAL PUBLIC REALM ENHANCEMENT AREA WITH NEW CONCRETE PAVING AND RAISED PLANTING BEDS WITH INTEGRATED SEATING.

PROPOSED ORNAMENTAL PLANTING AND GRASSES WITH POLLINATOR FRIENDLY FLOWERING PERENNIALS

LEGEND:

- EXISTING SURFACE RETAINED
- PROPOSED POURED CONCRETE
- PROPOSED ASPHALT
- PROPOSED STONE PAVING
- PROPOSED CONCRETE PAVING
- PROPOSED STONE / CONCRETE SETT PAVING
- PROPOSED SELF-BINDING GRAVEL
- PROPOSED COMMUNITY ENHANCEMENT
- PROPOSED TREES
- RETAINED TREES
- REMOVED TREES
- RETAINED VEGETATION
- REMOVED VEGETATION
- PROPOSED HEDGEROW
- PROPOSED NATIVE PLANTING
- PROPOSED ORNAMENTAL PLANTING
- RETAINED GRASS VERGE AND AMENITY AREAS
- PROPOSED GRASS VERGE AND AMENITY AREAS
- PROPOSED SPECIES RICH GRASS LAND
- SUDS
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

NOTES:

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

Client

Date: 08/05/2023
Scale: 1:500 @ A1, 1:1000 @ A3
Project Code: BCIDB
Originator Code: JAC

Engineering Designer

Drawn: EC
Checked: ACW
Approved: RS

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

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME LANDSCAPING DESIGN**

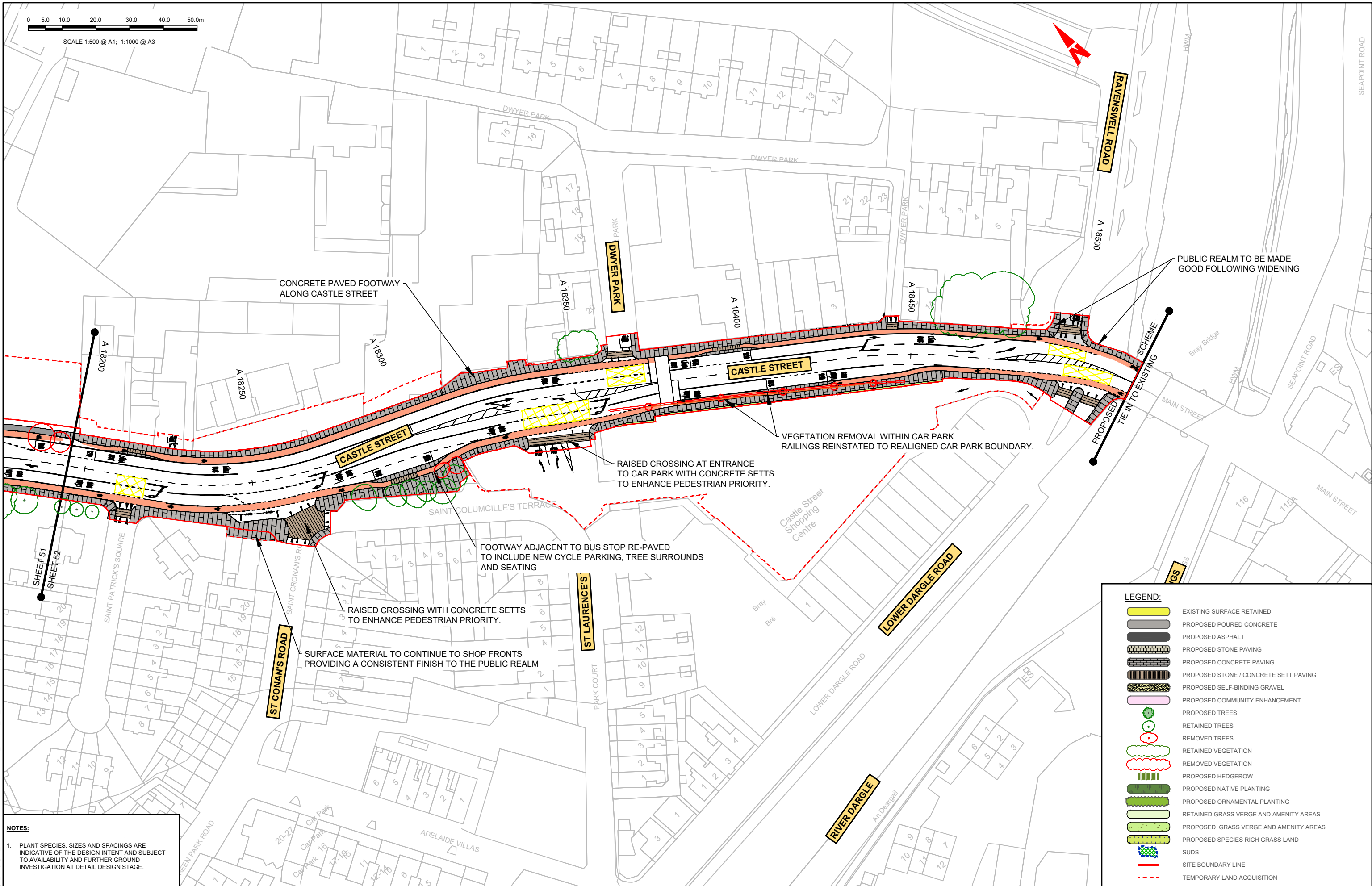
Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0051
Sheet Number: 51 of 54
Status: A
Rev: M01

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0 5.0 10.0 20.0 30.0 40.0 50.0m

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



NOTES:

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LEGEND:

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- PROPOSED STONE PAVING
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Project Ireland 2040
Building Ireland's Future

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M01	08/05/2023	EC	ACW	RS	ISSUE FOR PHASE 4: PLANNING

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

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

Engineering Designer: **Jacobs**

Drawn: EC Checked: ACW Approved: RS

Project Code: BCIDB Originator Code: JAC QMS Code:

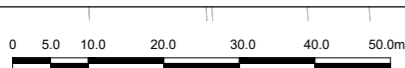
Programme Title: **BUSCONNECTS DUBLIN**
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME**
LANDSCAPING DESIGN

Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0052 Sheet Number: 52 of 54 Status: A Rev: M01

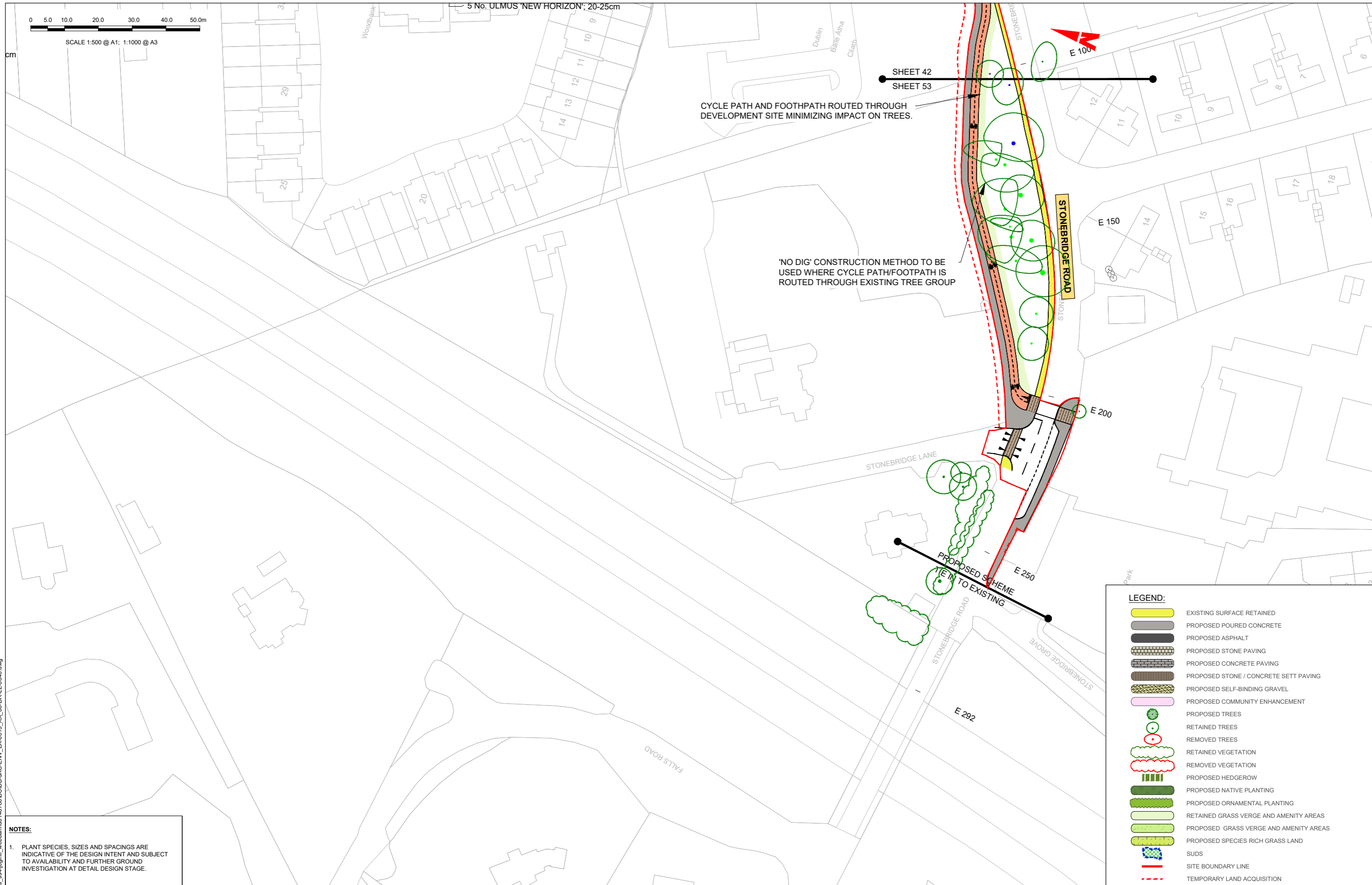
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SCALE 1:500 @ A1; 1:1000 @ A3

5 No. ULMUS 'NEW HORIZON'; 20-25cm



NOTES:

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LEGEND:

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	PROPOSED ASPHALT
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	PROPOSED CONCRETE PAVING
	PROPOSED STONE / CONCRETE SETT PAVING
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	RETAINED TREES
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Disclaimer

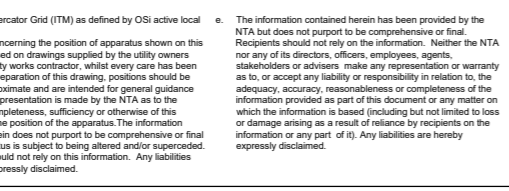
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Rev	Date	Drm	Chk'd	App'd	Description
M01	08/05/2023	EC	ACW	RS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

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

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

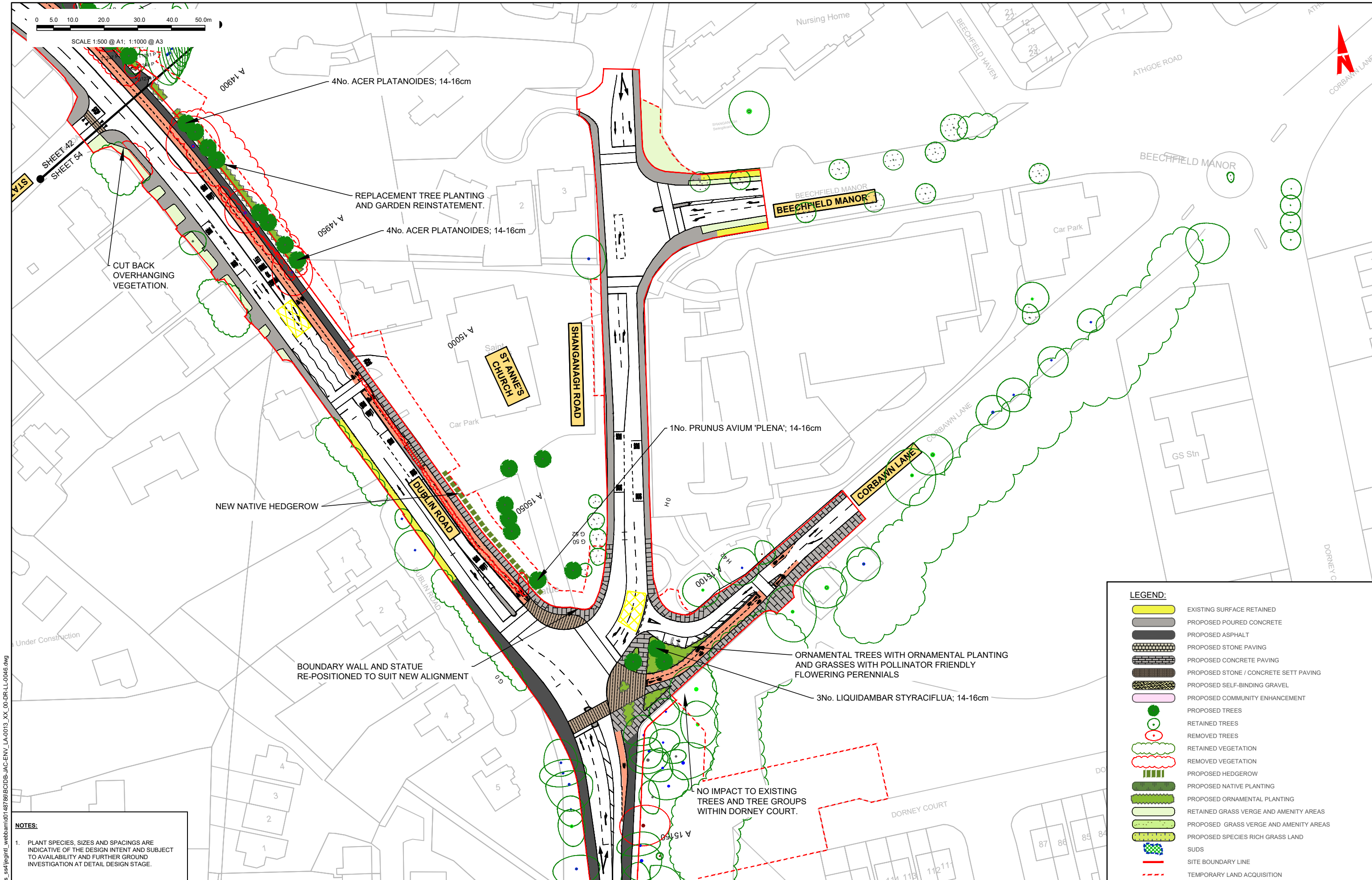
Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME LANDSCAPING DESIGN**

Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0053	Sheet Number: 53 of 54	Status: A	Rev: M01
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 National Transport Authority

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

Engineering Designer: **Jacobs**

Drawn: EC Checked: ACW Approved: RS

Project Code: BCIDB Originator Code: JAC QMS Code:

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

Drawing Title: **BRAY TO CITY CENTRE CORE BUS CORRIDOR SCHEME**
LANDSCAPING DESIGN

Drawing File Name: BCIDB-JAC-ENV_LA-0013_XX_00-DR-LL-0054 Sheet Number: 54 of 54 Status: A Rev: M01

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