



Appendix B4
Typical Cross-sections



BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS

BALLYMUN / FINGLAS TO CITY CENTRE CORE BUS CORRIDOR SCHEME

TYPICAL CROSS SECTIONS	
DRAWING SERIES NUMBER(S)	DRAWING SERIES DESCRIPTION
BCIDD-ROT-GEO_IX-0304_XX_00-DR-CR-0002	BALLYMUN / FINGLAS TO CITY CENTRE. TYPICAL CROSS SECTIONS. COVER SHEET
BCIDD-ROT-GEO_CS-0304_XX_00-DR-CR-0001 to 0021	BALLYMUN / FINGLAS TO CITY CENTRE. TYPICAL CROSS SECTIONS. DRAWINGS.

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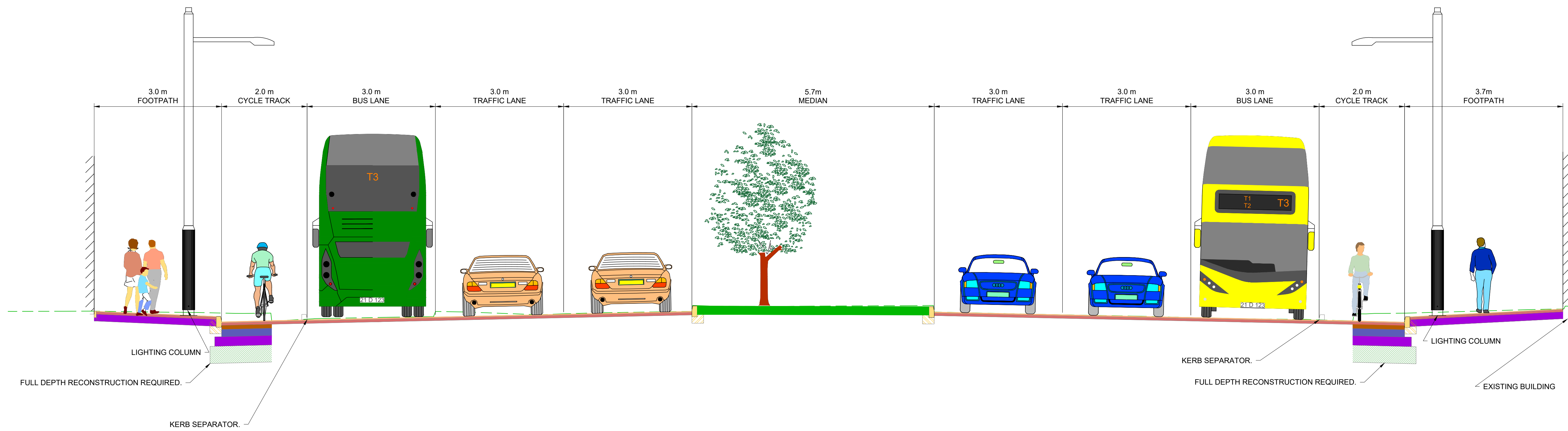
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Rev	Date	Drn	Chk'd	App'd	Description
M01	13/05/2022	NCI	EFD	SMG	ISSUE FOR PHASE 4: PLANNING

Client NTA Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer ROD ROUGHAN & O'DONOVAN TYPESA		
Date 13/05/2022	Scale 1:10000 @ A1 1:20000 @ A3	Drawn NCI	Checked EFD	Approved SMG
Project Code BCIDD	Originator Code ROT	QMS Code		

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title BALLYMUN / FINGLAS TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS COVER SHEET			
Drawing File Name BCIDD-ROT-GEO_IX-0304_XX_00-DR-CR-0002	Sheet Number 01 of 01	Status A	Rev M01



TYPICAL SECTION A-A
 BALLYMUN ROAD
 LOCATED ON GA SHEET 02
 DRAWING REF: BCIDD-ROT-GEO_GA-0304_XX_00-DR-CR-0002

- NOTES:**
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M01	13/05/2022	NCI	EFD	SMG	ISSUE FOR PHASE 4: PLANNING

Client

 Údarás Náisiúnta Iompair
 National Transport Authority

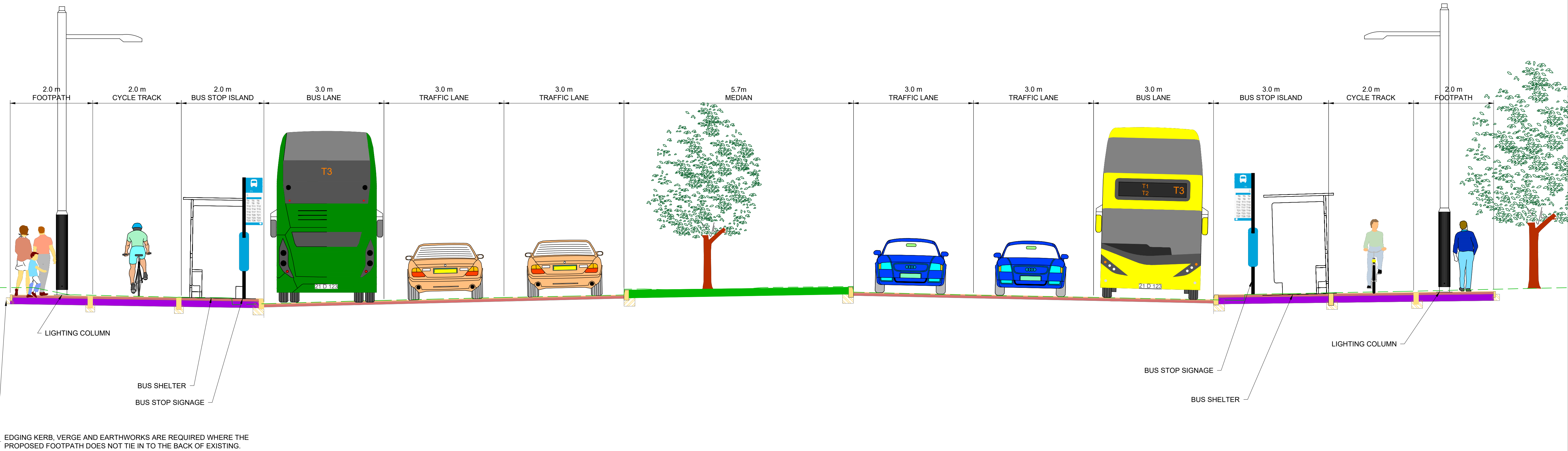
Engineering Designer

 Drawn: NCI, Checked: EFD, Approved: SMG

Programme Title
BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title
 BALLYMUN / FINGLAS TO CITY CENTRE CORE BUS CORRIDOR SCHEME
 TYPICAL CROSS SECTIONS

Drawing File Name: BCIDD-ROT-GEO_CS-0304_XX_00-M2-CR-0001
 Sheet Number: 01 of 21
 Status: A
 Rev: M01

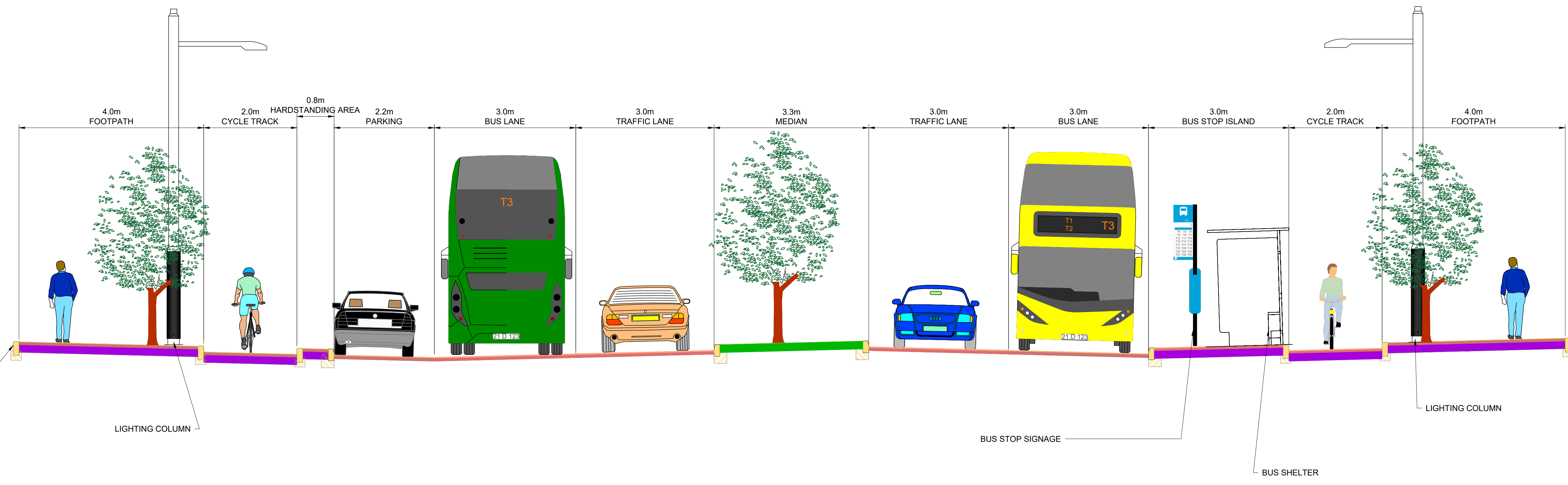


TYPICAL SECTION B-B
 BALLYMUN ROAD
 LOCATED ON GA SHEET 02
 DRAWING REF: BCIDD-ROT-GEO_GA-0304_XX_00-DR-CR-0002

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		Date 13/05/2022 Scale 1:50 @ A1 1:100 @ A3 Project Code BCIDD Originator Code ROT QMS Code	Drawing File Name BCIDD-ROT-GEO_CS-0304_XX_00-M2-CR-0001 Sheet Number 02 of 21 Status A Rev M01		

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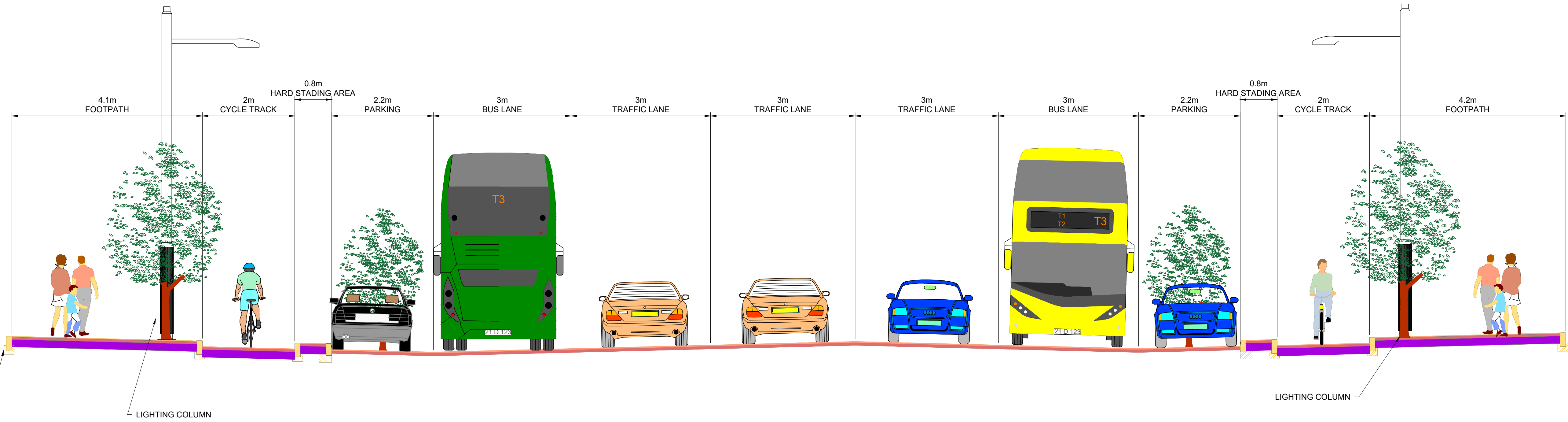


EDGING KERB, VERGE AND EARTHWORKS ARE REQUIRED WHERE THE PROPOSED FOOTPATH DOES NOT TIE IN TO THE BACK OF EXISTING.

TYPICAL SECTION C-C
 BALLYMUN ROAD
 LOCATED ON GA SHEET 03
 DRAWING REF: BCIDD-ROT-GEO_GA-0304_XX_00-DR-CR-0304

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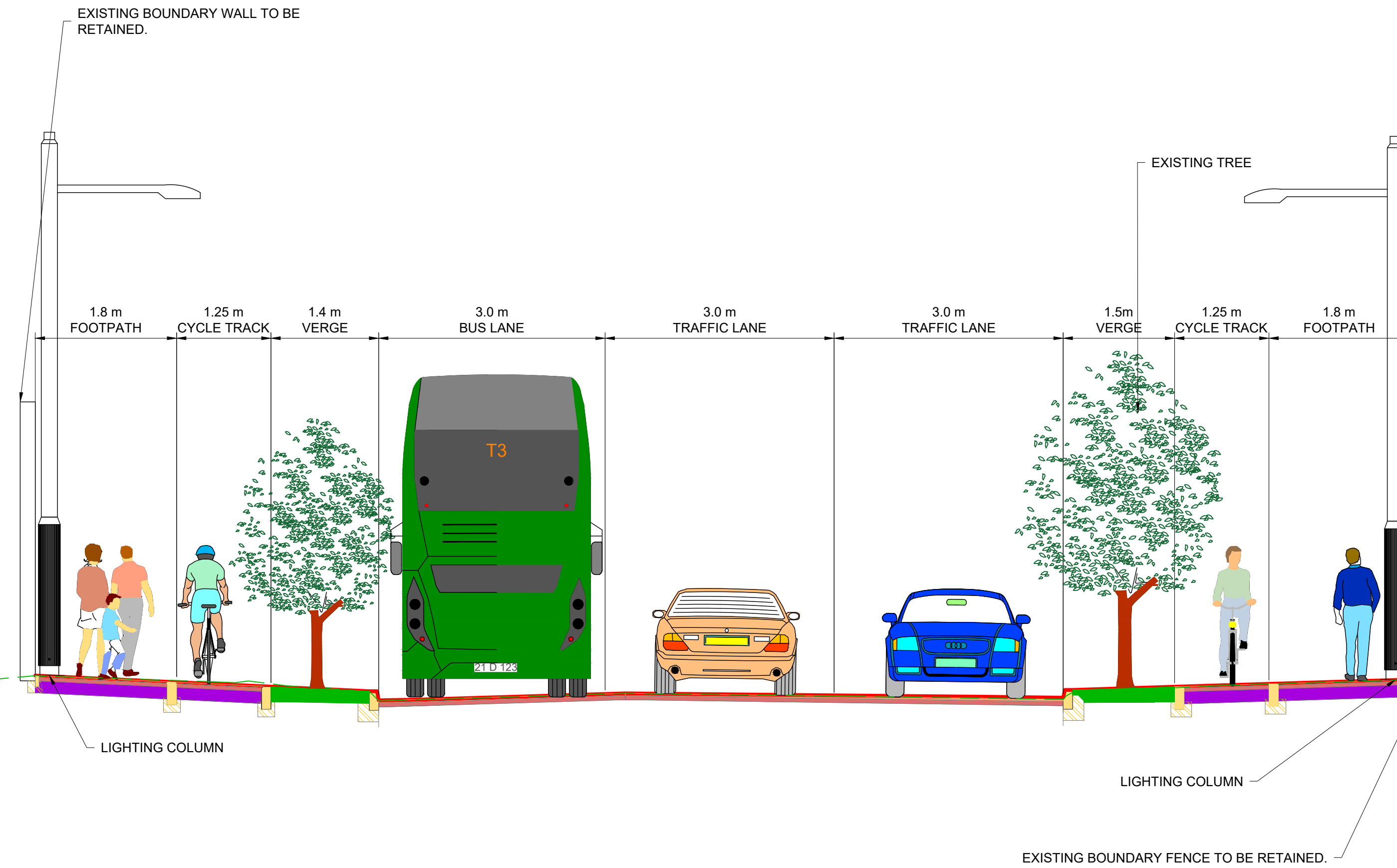
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TYPICAL SECTION D-D
 BALLYMUN ROAD
 LOCATED ON GA SHEET 04
 DRAWING REF: BCIDD-ROT-GEO_GA-0304_XX_00-DR-CR-0304

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TYPICAL SECTION E-E
ST. MOBHI ROAD
LOCATED ON GA SHEET 08
DRAWING REF: BCIDD-ROT-GEO_GA-0304_XX_00-DR-CR-0008

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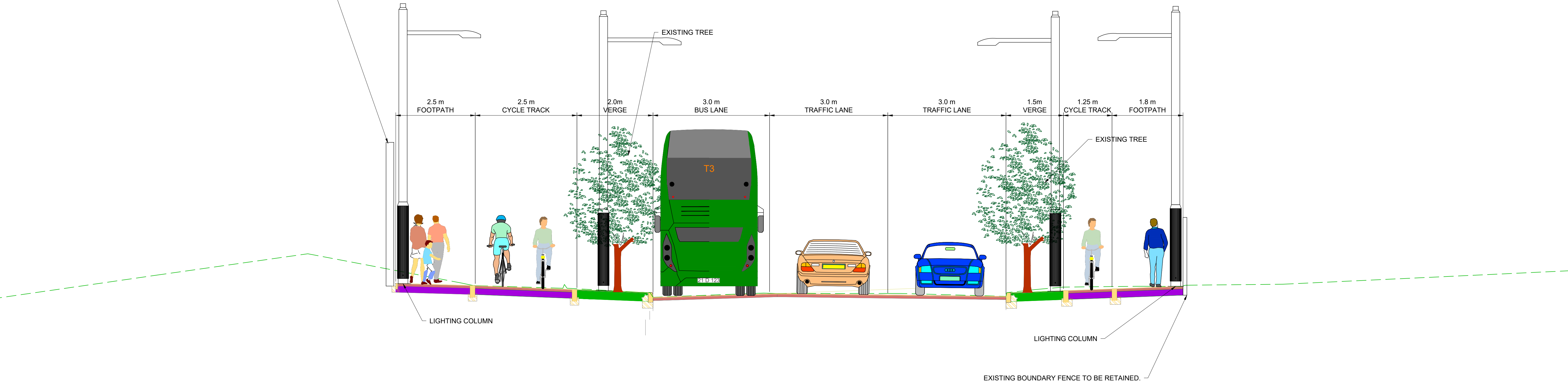
Rev	Date	Drn	Chk'd	App'd	Description
M01	13/05/2022	NCI	EFD	SMG	ISSUE FOR PHASE 4: PLANNING

		Engineering Designer 		
Date	Scale	Drawn	Checked	Approved
13/05/2022	1:50 @ A1 1:100 @ A3	NCI	EFD	SMG
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BCIDD	ROT			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title BALLYMUN / FINGLAS TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDD-ROT-GEO_CS-0304_XX_00-M2-CR-0001	05 of 21	A	M01

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EXISTING RAILING TO BE REPLACED IN NEW LOCATION



TYPICAL SECTION F-F
ST. MOBHI ROAD

LOCATED ON GA SHEET 09
DRAWING REF: BCIDD-ROT-GEO_GA-0304_XX_00-DR-CR-0009

NOTES:

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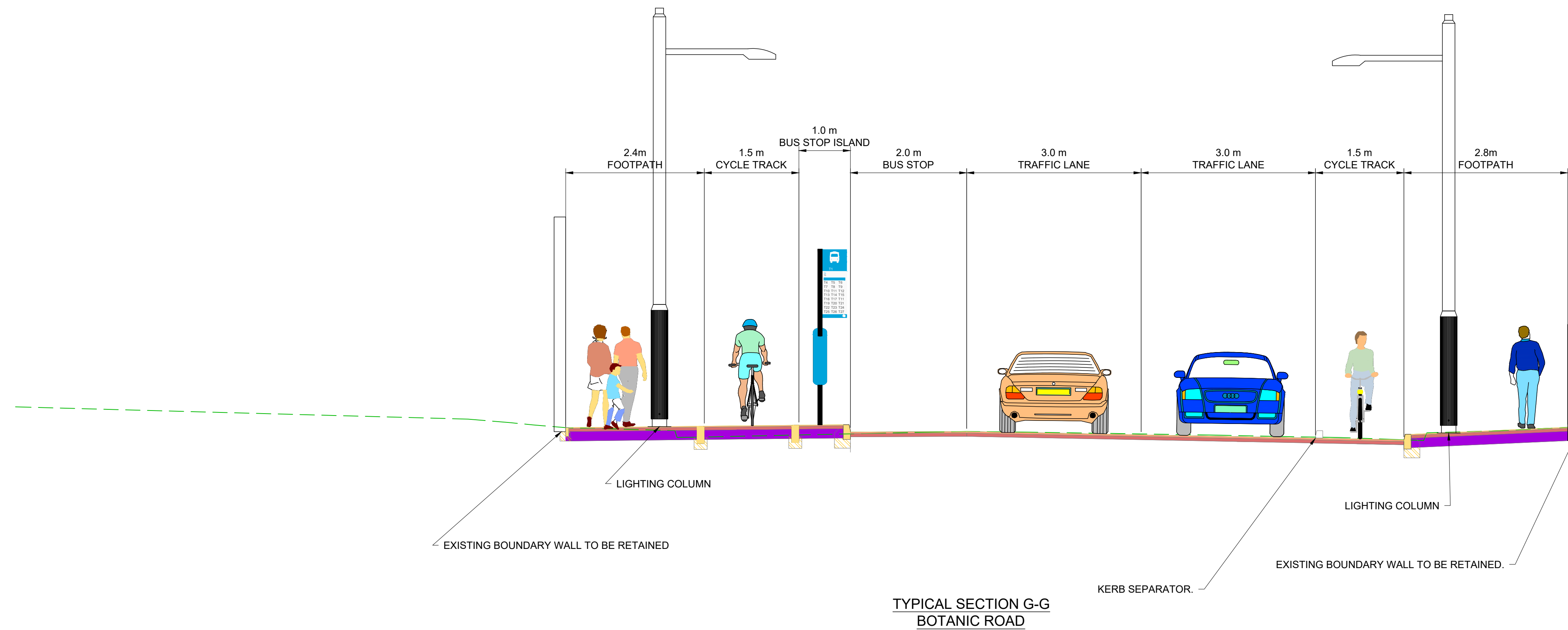


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BCIDD	ROT			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
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Drawing File Name	Sheet Number	Status	Rev
BCIDD-ROT-GEO_CS-0304_XX_00-M2-CR-0001	06 of 21	A	M01

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TYPICAL SECTION G-G
 BOTANIC ROAD
 LOCATED ON GA SHEET 11
 DRAWING REF: BCIDD-ROT-GEO_GA-0304_XX_00-DR-CR-0011

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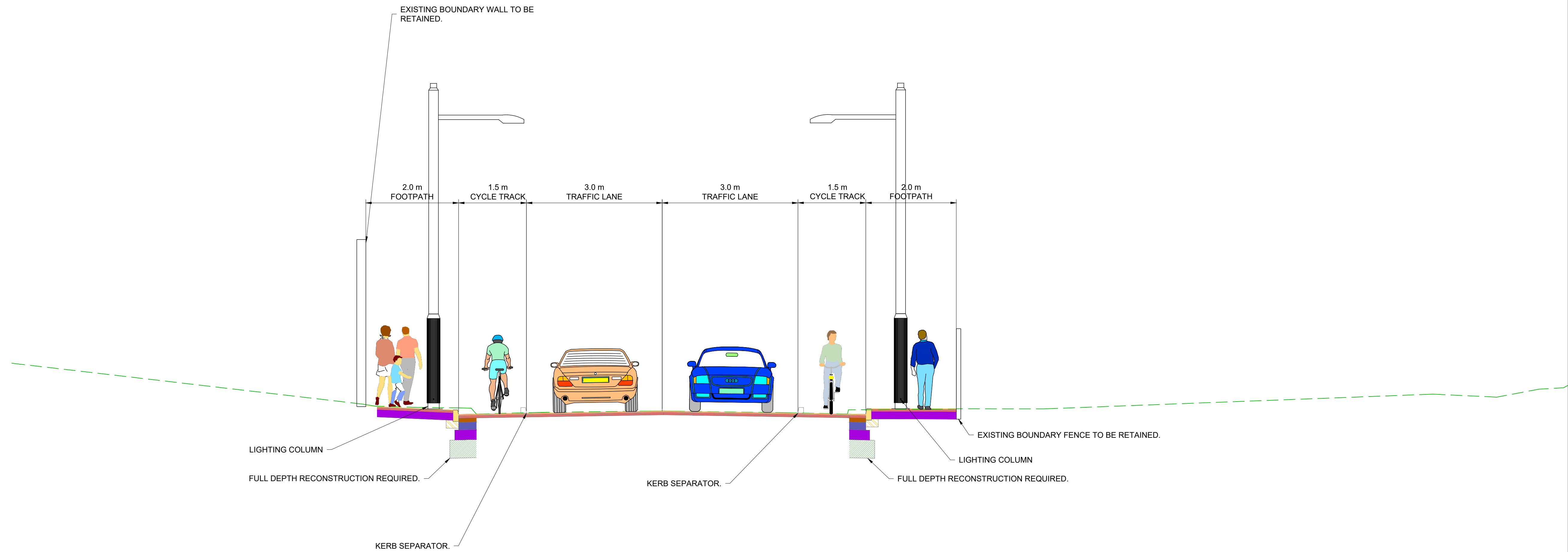


Rev	Date	Drn	Chk'd	App'd	Description
M01	13/05/2022	NCI	EFD	SMG	ISSUE FOR PHASE 4: PLANNING

Date	Scale	Drawn	Checked	Approved
13/05/2022	1:50 @ A1 1:100 @ A3	NCI	EFD	SMG
Project Code	Originator Code	QMS Code		
BCIDD	ROT			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title BALLYMUN / FINGLAS TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDD-ROT-GEO_CS-0304_XX_00-M2-CR-0001	07 of 21	A	M01

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TYPICAL SECTION H-H
 BOTANIC ROAD
 LOCATED ON GA SHEET 11
 DRAWING REF: BCIDD-ROT-GEO_GA-0304_XX_00-DR-CR-0011

NOTES:

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Client

Date: 13/05/2022

Scale: 1:50 @ A1, 1:100 @ A3

Project Code: BCIDD

Originator Code: ROT

Engineering Designer

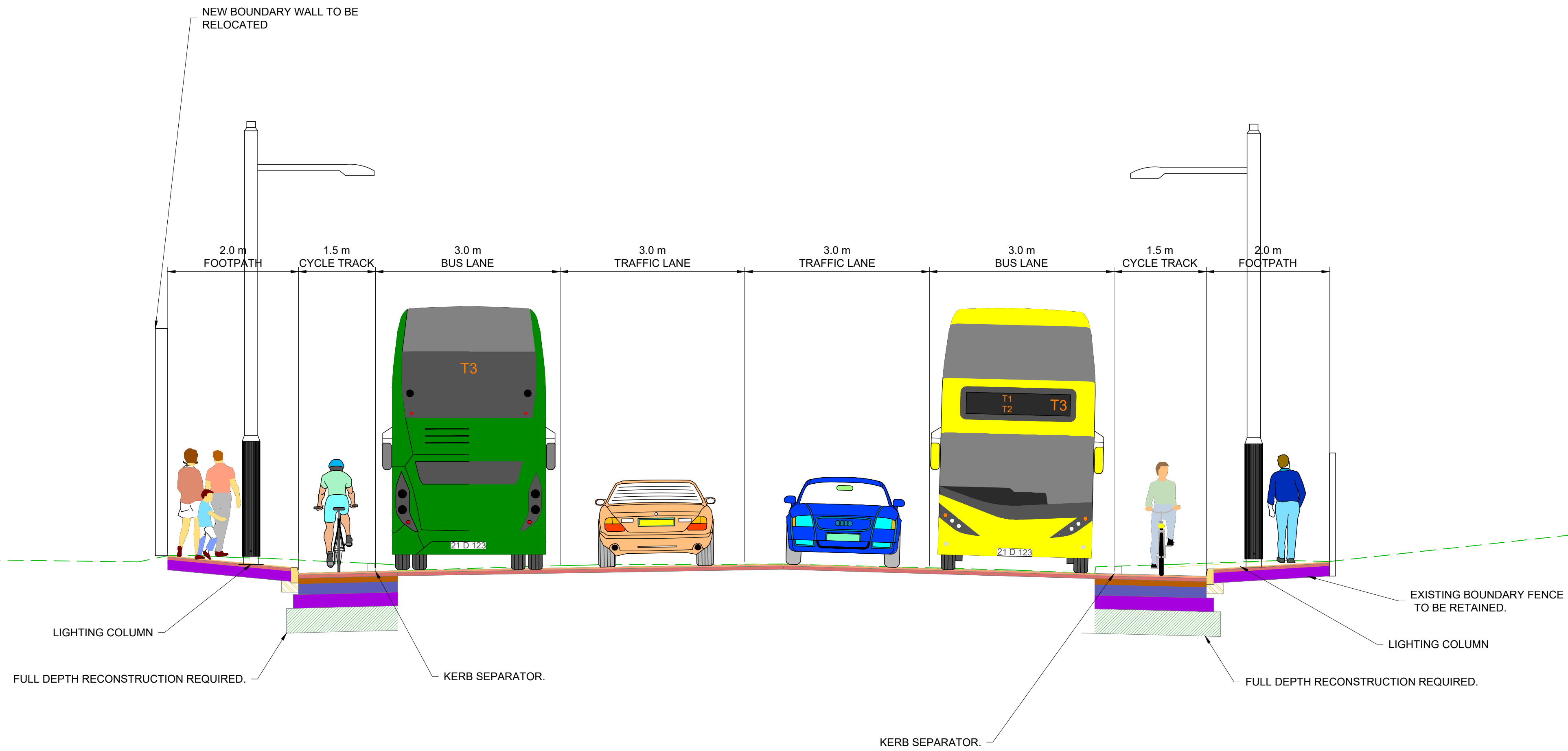
Drawn: NCI

Checked: EFD

Approved: SMG

QMS Code

Programme Title				BUSCONNECTS DUBLIN			
				CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title							
BALLYMUN / FINGLAS TO CITY CENTRE CORE BUS CORRIDOR SCHEME							
TYPICAL CROSS SECTIONS							
Drawing File Name				Sheet Number		Status	Rev
BCIDD-ROT-GEO_CS-0304_XX_00-M2-CR-0001				08 of 21		A	M01



TYPICAL SECTION I-I
 BOTANIC ROAD
 LOCATED ON GA SHEET 12
 DRAWING REF: BCIDD-ROT-GEO_GA-0304_XX_00-DR-CR-0012

NOTES:

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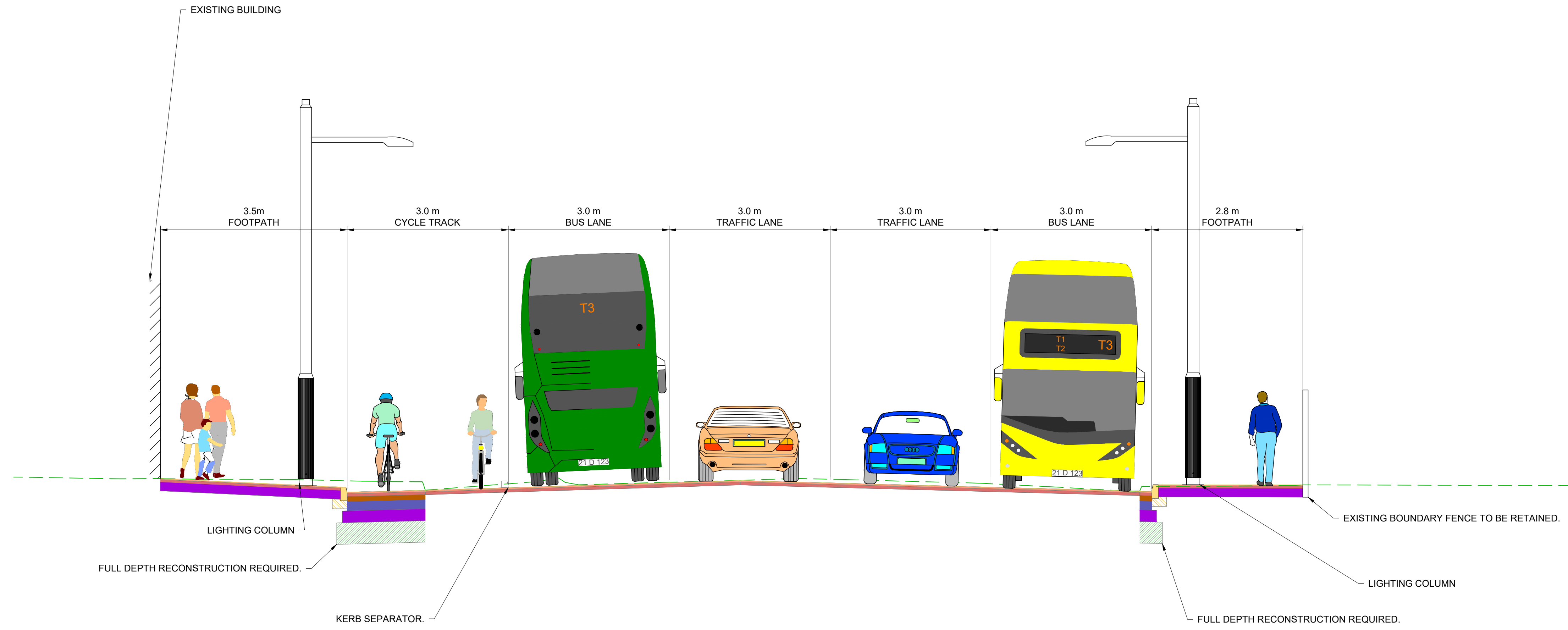
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 Date: 13/05/2022
 Project Code: BCIDD

Engineering Designer

 Scale: 1:50 @ A1, 1:100 @ A3
 Originator Code: ROT
 QMS Code:

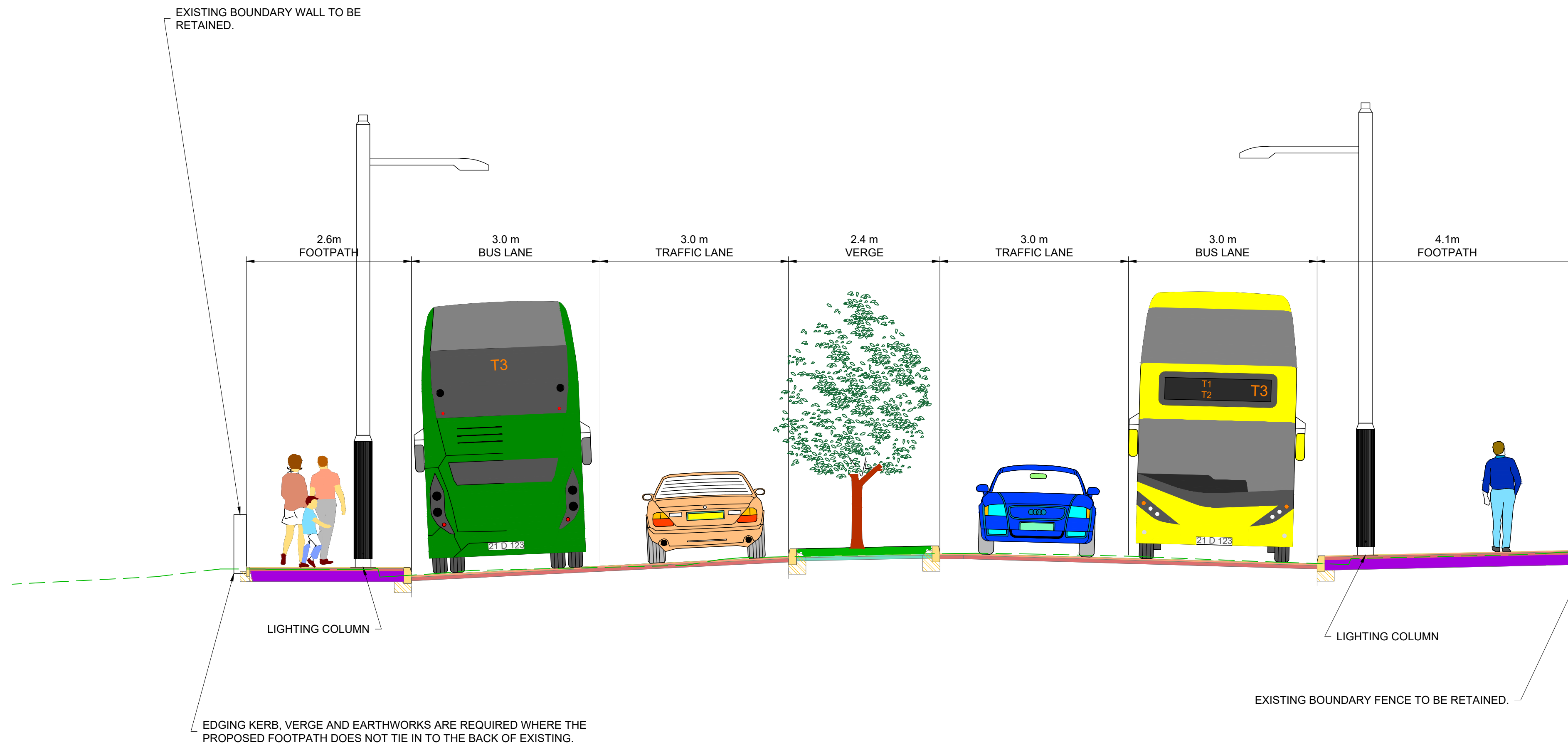
Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**
 Drawing Title: BALLYMUN / FINGLAS TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS
 Drawing File Name: BCIDD-ROT-GEO_CS-0304_XX_00-M2-CR-0001
 Sheet Number: 09 of 21
 Status: A
 Rev: M01



TYPICAL SECTION J-J
PROSPECT ROAD
 LOCATED ON GA SHEET 13
 DRAWING REF: BCIDD-ROT-GEO_GA-0304_XX_00-DR-CR-0013

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TYPICAL SECTION K-K
 PHIBSBOROUGH ROAD
 LOCATED ON GA SHEET 13
 DRAWING REF: BCIDD-ROT-GEO_GA-0304_XX_00-DR-CR-0013

NOTES:

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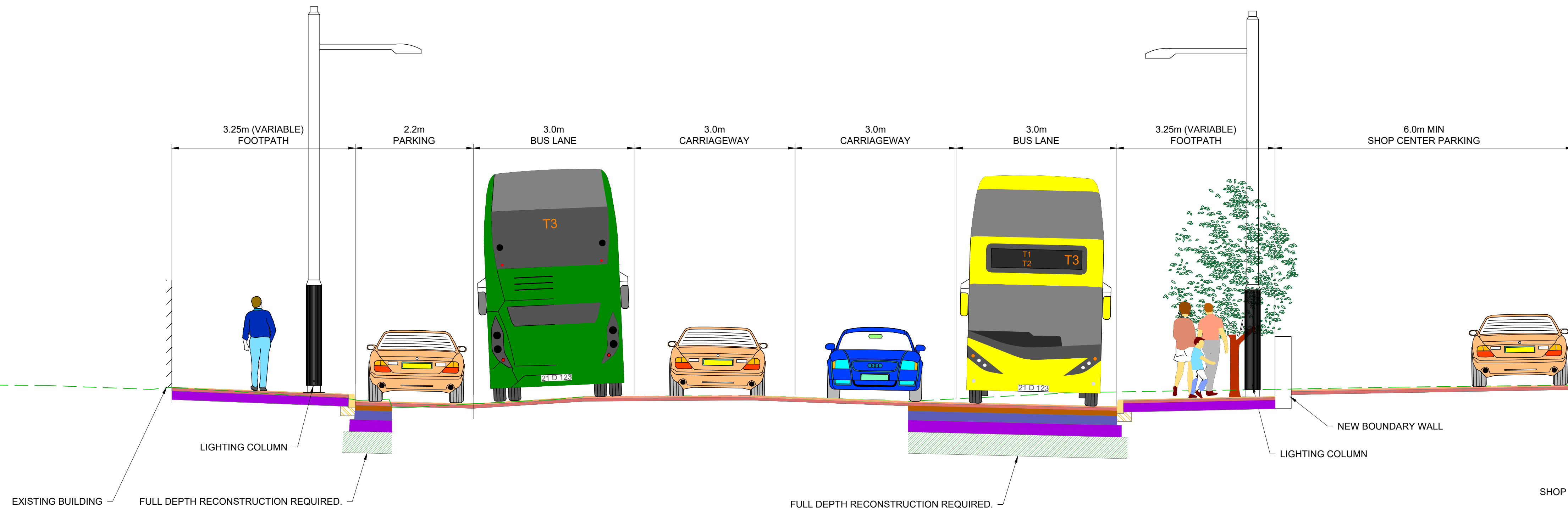
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 Checked: EFD
 Approved: SMG

Programme Title
BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title
 BALLYMUN / FINGLAS TO CITY CENTRE CORE BUS CORRIDOR SCHEME
 TYPICAL CROSS SECTIONS

Drawing File Name: BCIDD-ROT-GEO_CS-0304_XX_00-M2-CR-0001
 Sheet Number: 11 of 21
 Status: A
 Rev: M01

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TYPICAL SECTION L-L
PHIBSBOROUGH ROAD

LOCATED ON GA SHEET 14
DRAWING REF: BCIDD-ROT-GEO_GA-0304_XX_00-DR-CR-0014

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National Transport Authority

Engineering Designer
IROD
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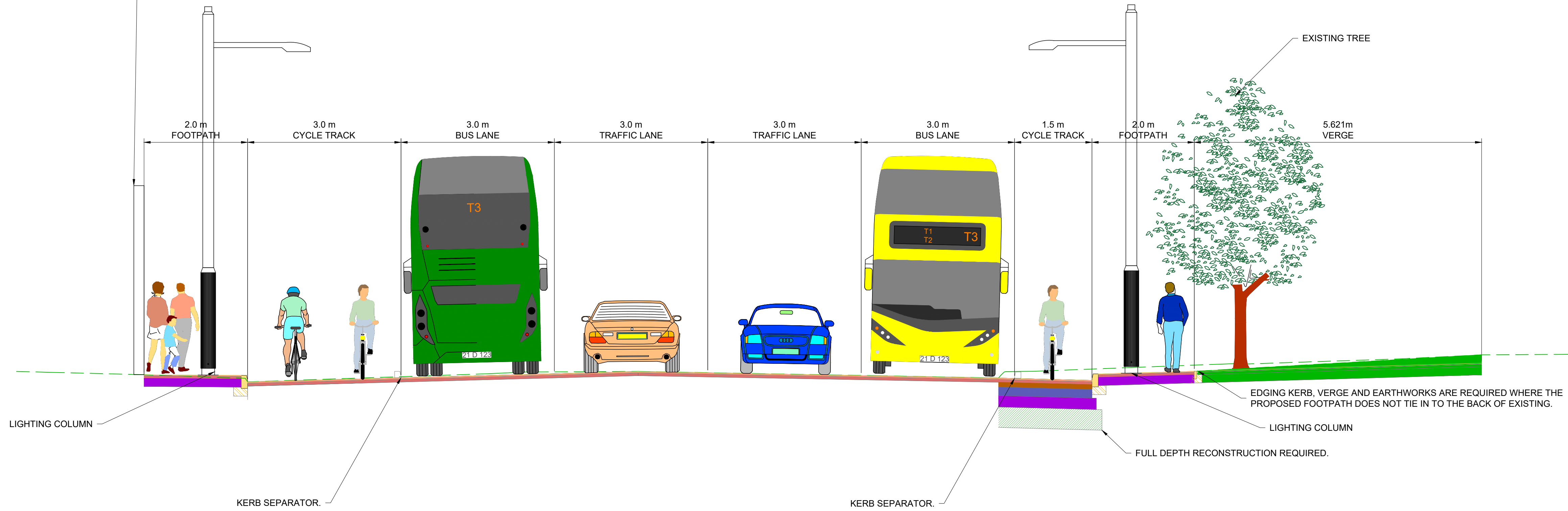
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13/05/2022	1:50 @ A1 1:100 @ A3	NCI	EFD	SMG

Project Code: BCIDD
Originator Code: ROT
QMS Code:

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title BALLYMUN / FINGLAS TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS			
Drawing File Name BCIDD-ROT-GEO_CS-0304_XX_00-M2-CR-0001	Sheet Number 12 of 21	Status A	Rev M01

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EXISTING BOUNDARY WALL TO BE RETAINED.



TYPICAL SECTION M-M
CONSTITUTION HILL
LOCATED ON GA SHEET 16
DRAWING REF: BCIDD-ROT-GEO_GA-0304_XX_00-DR-CR-0016

NOTES:

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 TYPSA

Date	Scale	Drawn	Checked	Approved
13/05/2022	1:50 @ A1 1:100 @ A3	NCI	EFD	SMG

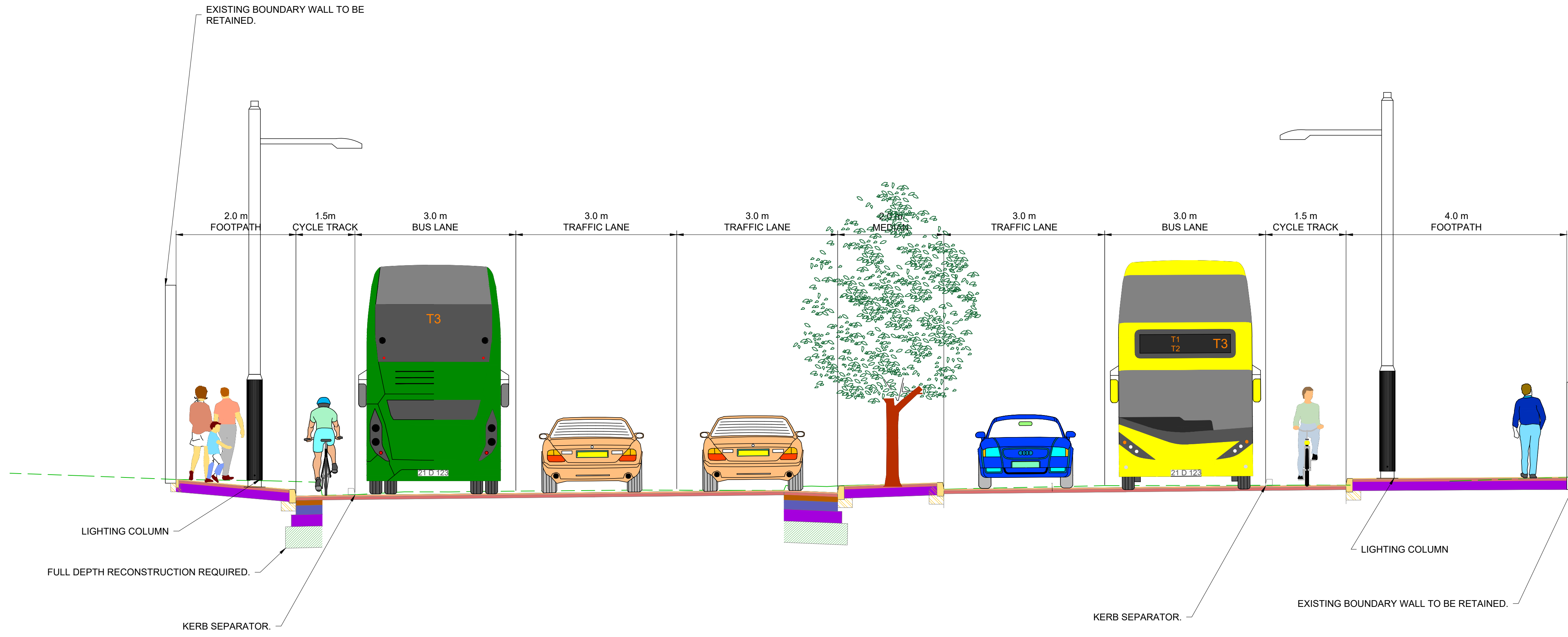
Project Code: BCIDD
 Originator Code: ROT
 QMS Code:

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

Drawing Title
 BALLYMUN / FINGLAS TO CITY CENTRE CORE BUS CORRIDOR SCHEME
 TYPICAL CROSS SECTIONS

Drawing File Name	Sheet Number	Status	Rev
BCIDD-ROT-GEO_CS-0304_XX_00-M2-CR-0001	13 of 21	A	M01

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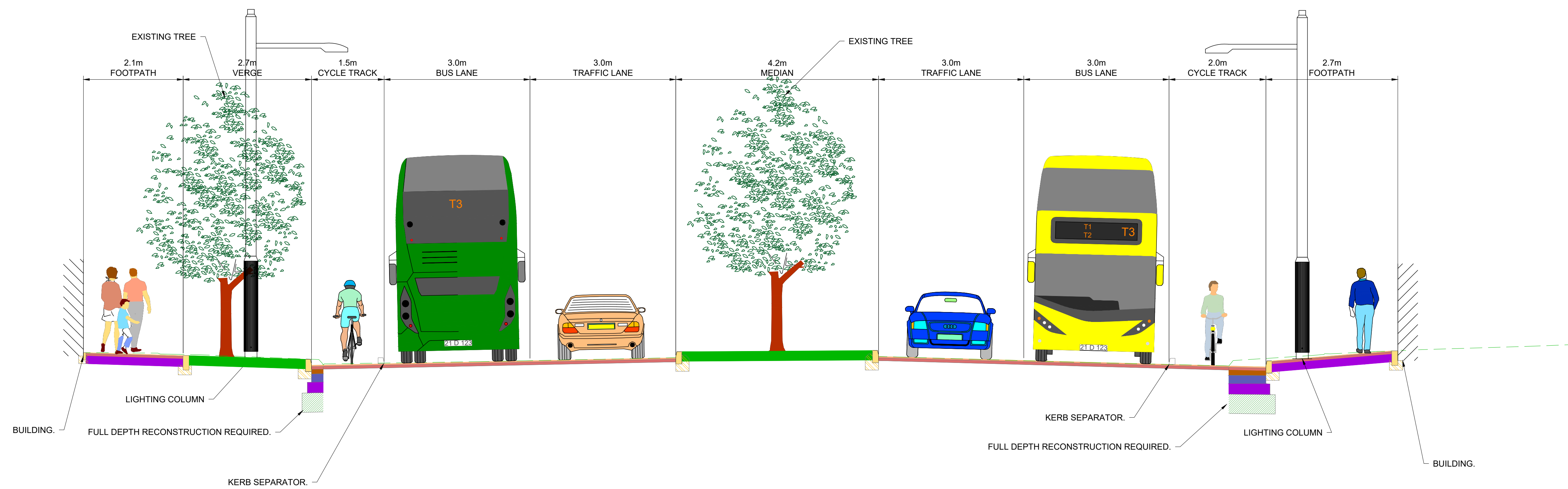


TYPICAL SECTION N-N
 CHURCH STREET
 LOCATED ON GA SHEET 17
 DRAWING REF: BCIDD-ROT-GEO_GA-0304_XX_00-DR-CR-0017

- NOTES:**
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		Date 13/05/2022 Scale 1:50 @ A1 1:100 @ A3 Project Code BCIDD Originator Code ROT QMS Code	Drawn NCI Checked EFD Approved SMG	Drawing File Name BCIDD-ROT-GEO_CS-0304_XX_00-M2-CR-0001 Sheet Number 14 of 21 Status A Rev M01	

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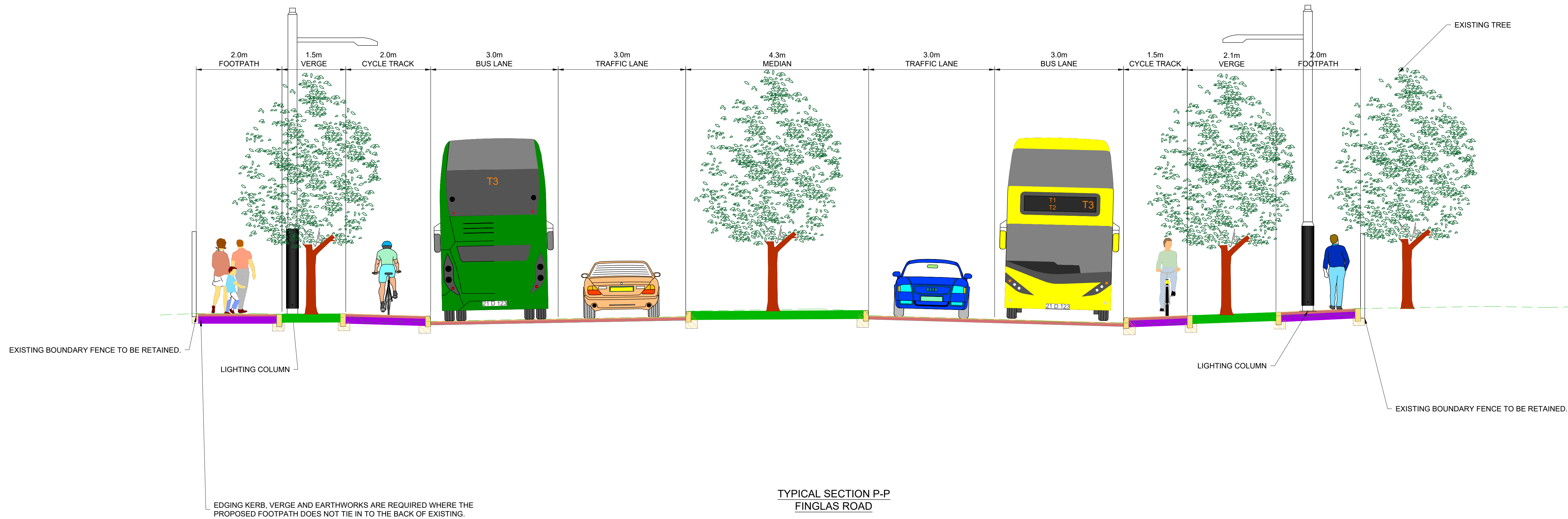


TYPICAL SECTION O-O
 FINGLAS ROAD
 LOCATED ON GA SHEET 27
 DRAWING REF: BCIDD-ROT-GEO_GA-0304_XX_00-DR-CR-0005

- NOTES:**
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		M01	13/05/2022	BDA	EFD	SMG	ISSUE FOR PHASE 4: PLANNING		Date	Scale	1:50 @ A1 1:100 @ A3	Drawn	Checked	Approved	Drawing Title BALLYMUN / FINGLAS TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS
								Project Code	Originator Code	QMS Code		Drawing File Name	Sheet Number	Status	Rev
								BCIDD	ROT			BCIDD-ROT-GEO_CS-0304_XX_00-M2-CR-0001	15 of 21	A	M01

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TYPICAL SECTION P-P
 FINGLAS ROAD
 LOCATED ON GA SHEET 28
 DRAWING REF: BCIDD-ROT-GEO_GA-0304_XX_00-DR-CR-0006

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Client

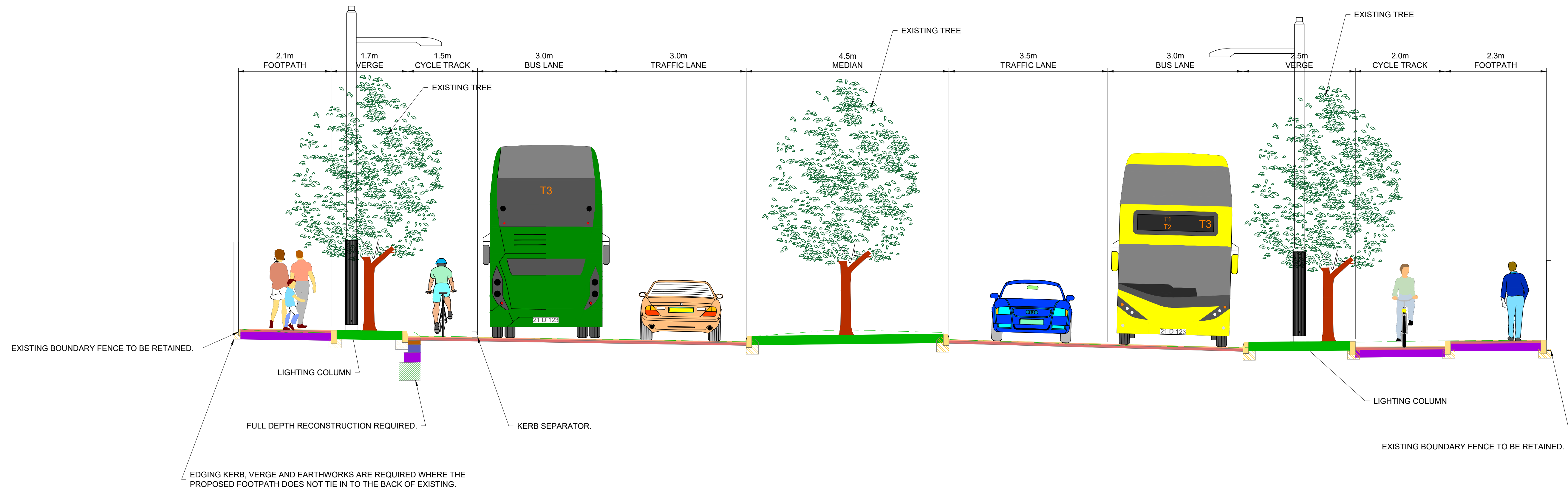
 Údarás Náisiúnta Iompair
 National Transport Authority

Engineering Designer

 I-R-O-D
 TYPESA

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title BALLYMUN / FINGLAS TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS			
Drawing File Name BCIDD-ROT-GEO_CS-0304_XX_00-M2-CR-0001	Sheet Number 16 of 21	Status A	Rev M01

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TYPICAL SECTION Q-Q
 FINGLAS ROAD
 LOCATED ON GA SHEET 30
 DRAWING REF: BCIDD-ROT-GEO_GA-0304_XX_00-DR-CR-0008

NOTES:

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M01	13/05/2022	BDA	EFD	SMG	ISSUE FOR PHASE 4: PLANNING

Client

Engineering Designer

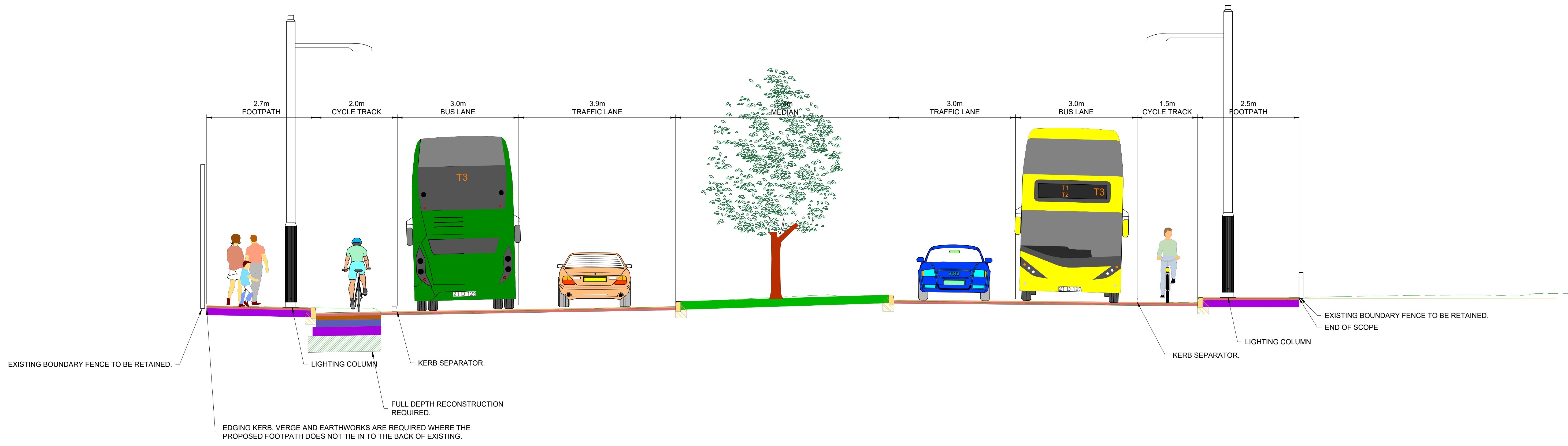
Drawn	Checked	Approved
BDA	EFD	SMG

Date: 13/05/2022
 Scale: 1:50 @ A1, 1:100 @ A3

Project Code: BCIDD
 Originator Code: ROT
 QMS Code:

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title BALLYMUN / FINGLAS TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS			
Drawing File Name BCIDD-ROT-GEO_CS-0304_XX_00-M2-CR-0001	Sheet Number 17 of 21	Status A	Rev M01

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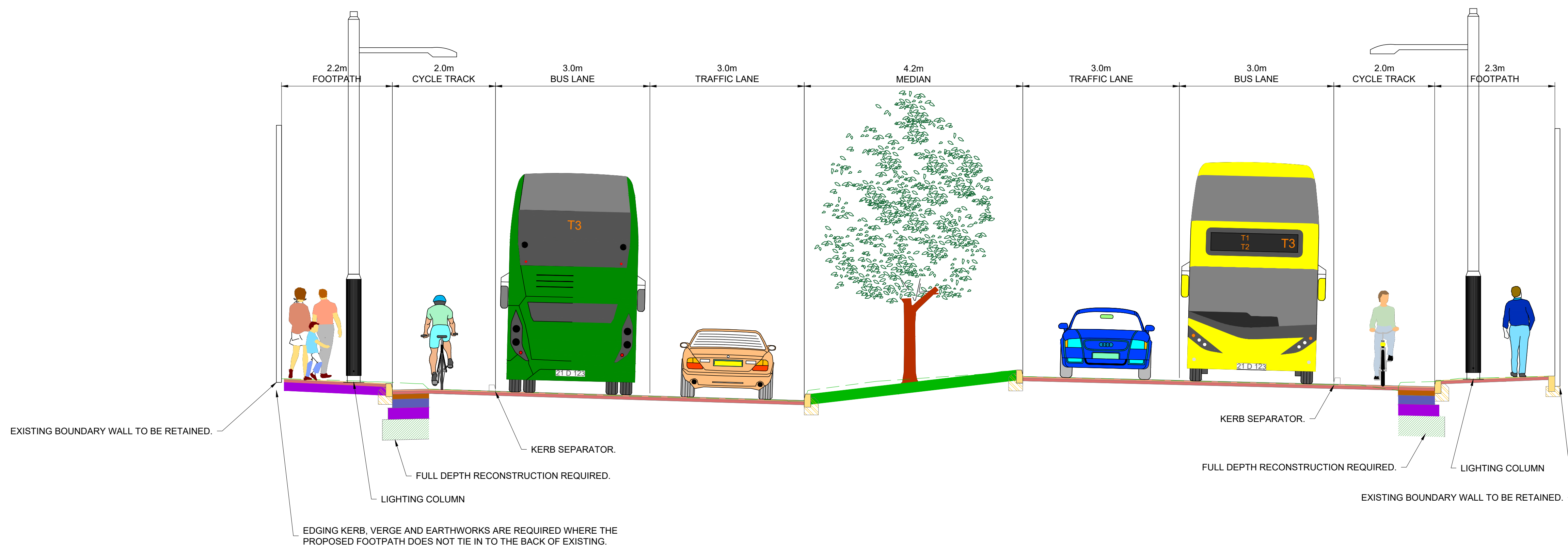
TYPICAL SECTION R-R
FINGLAS ROAD

LOCATED ON GA SHEET 34
DRAWING REF: BCIDD-ROT-GEO_GA-0304_XX_00-DR-CR-0012

- NOTES:**
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		M01	13/05/2022	BDA	EFD	SMG	ISSUE FOR PHASE 4: PLANNING		Date 13/05/2022 Scale 1:50 @ A1 1:100 @ A3	Drawn BDA Checked EFD Approved SMG	Drawing Title BALLYMUN / FINGLAS TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS					
								Project Code BCIDD	Originator Code ROT	QMS Code			Drawing File Name BCIDD-ROT-GEO_CS-0304_XX_00-M2-CR-0001	Sheet Number 18 of 21	Status A	Rev M01

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TYPICAL SECTION S-S
FINGLAS ROAD

LOCATED ON GA SHEET 35
DRAWING REF: BCIDD-ROT-GEO_GA-0304_XX_00-DR-CR-0013

NOTES:

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Client
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Údarás Náisiúnta Iompair
National Transport Authority

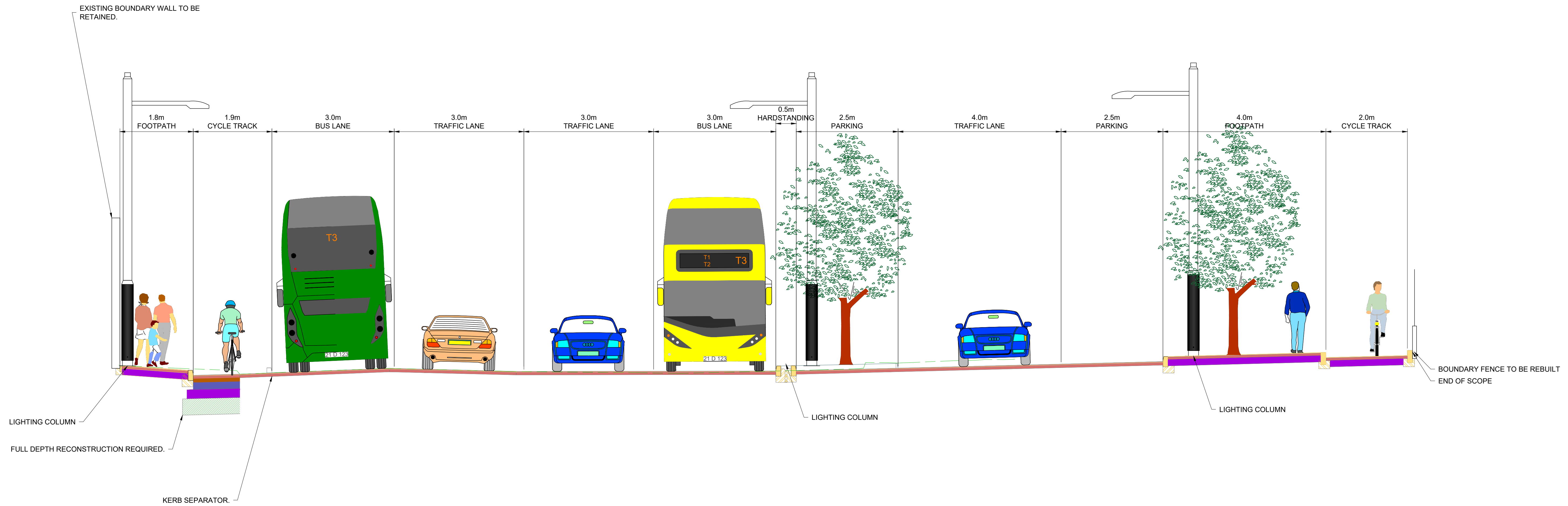
Engineering Designer
IROD
TYPSA

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

Drawing Title
BALLYMUN / FINGLAS TO CITY CENTRE CORE BUS CORRIDOR SCHEME
TYPICAL CROSS SECTIONS

Date	Scale	Drawn	Checked	Approved
13/05/2022	1:50 @ A1 1:100 @ A3	BDA	EFD	SMG
Project Code	Originator Code	QMS Code		
BCIDD	ROT			

Drawing File Name	Sheet Number	Status	Rev
BCIDD-ROT-GEO_CS-0304_XX_00-M2-CR-0001	19 of 21	A	M01



TYPICAL SECTION T-T
 FINGLAS ROAD
 LOCATED ON GA SHEET 36
 DRAWING REF: BCIDD-ROT-GEO_GA-0304_XX_00-DR-CR-0014

NOTES:

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 National Transport Authority

Engineering Designer

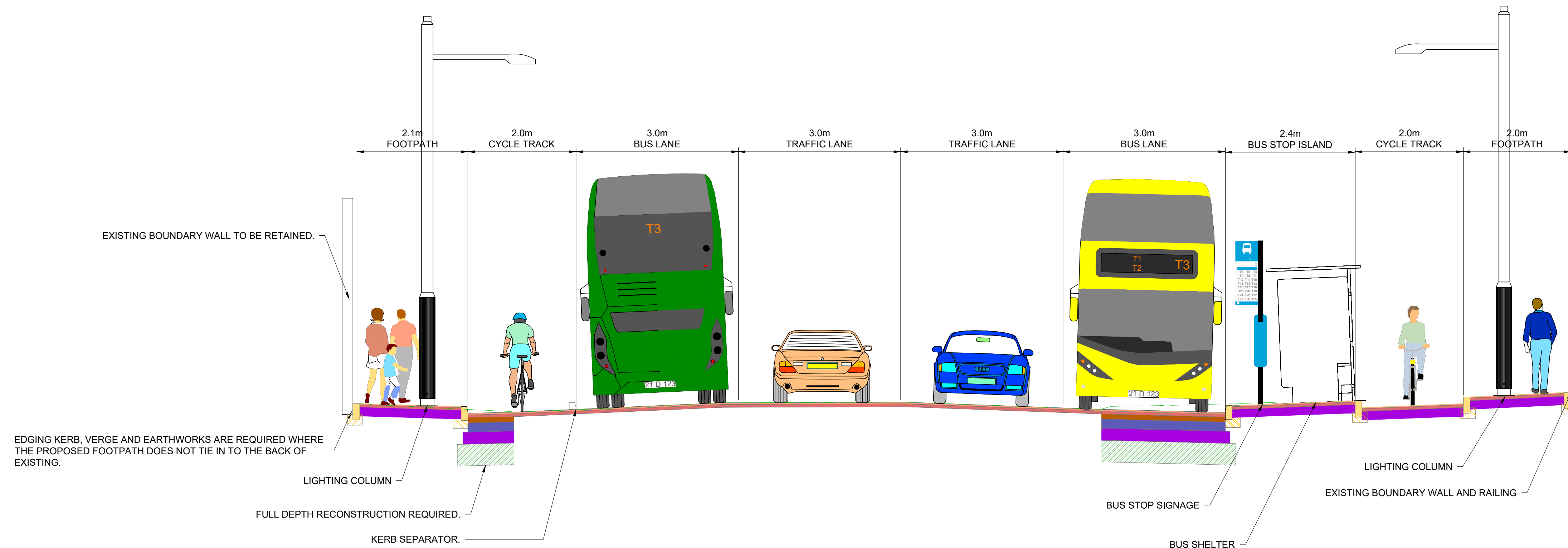
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Programme Title
BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title
 BALLYMUN / FINGLAS TO CITY CENTRE CORE BUS CORRIDOR SCHEME
 TYPICAL CROSS SECTIONS

Drawing File Name: BCIDD-ROT-GEO_CS-0304_XX_00-M2-CR-0001
 Sheet Number: 20 of 21
 Status: A
 Rev: M01

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TYPICAL SECTION U-U
 FINGLAS ROAD
 LOCATED ON GA SHEET 37
 DRAWING REF: BCIDD-ROT-GEO_GA-0304_XX_00-DR-CR-0015

NOTES:

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 National Transport Authority

Engineering Designer

 Drawn: BDA, Checked: EFD, Approved: SMG

Programme Title
BUSCONNECTS DUBLIN
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing Title
 BALLYMUN / FINGLAS TO CITY CENTRE CORE BUS CORRIDOR SCHEME
 TYPICAL CROSS SECTIONS

Drawing File Name: BCIDD-ROT-GEO_CS-0304_XX_00-M2-CR-0001
 Sheet Number: 21 of 21
 Status: A
 Rev: M01