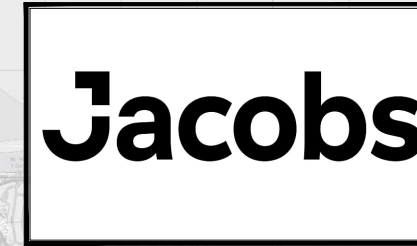


Typical Cross Sections





BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS

SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME

TYPICAL CROSS SECTIONS	
DRAWING SERIES NUMBER(S)	DRAWING SERIES DESCRIPTION
BCIDB-JAC-GEO_IX-0002_XX_00-DR-CR-0002	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. TYPICAL CROSS SECTIONS. COVER SHEET
BCIDB-JAC-GEO_CS-0002_XX_00-DR-CR-0001 to 0020	SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME. TYPICAL CROSS SECTIONS

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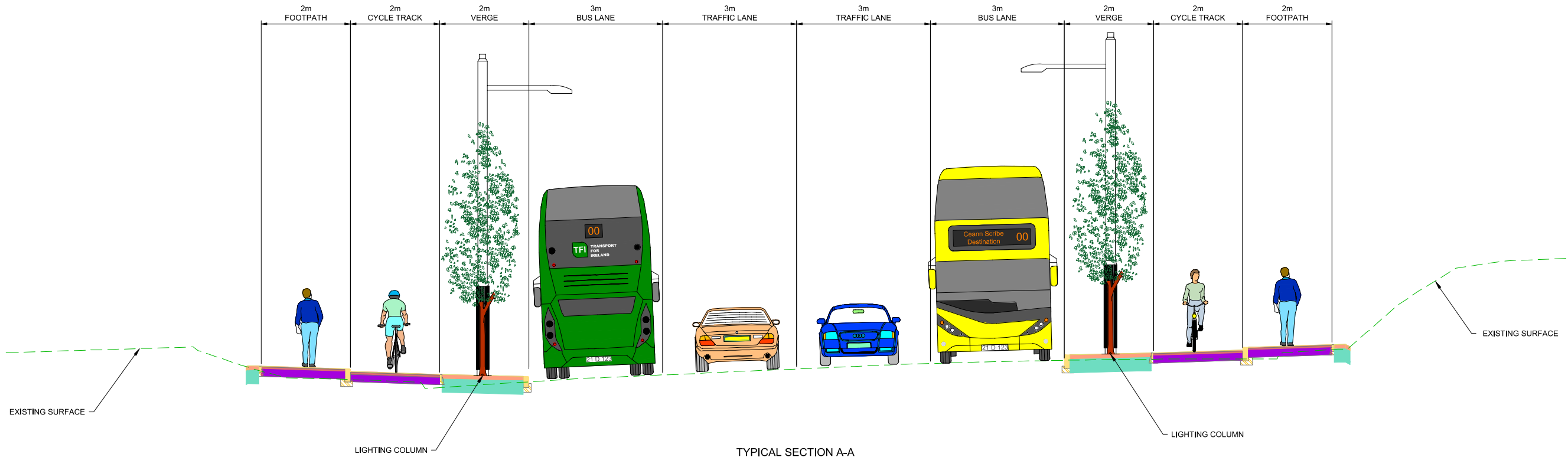


Rev	Date	Dm	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

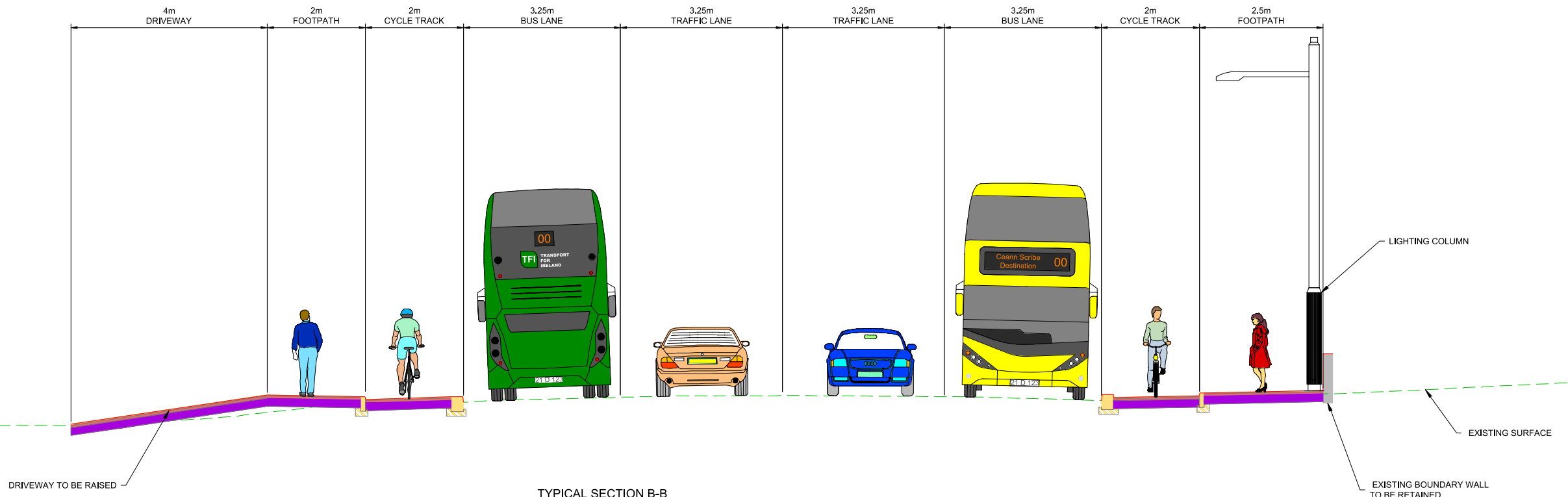
Date	06/04/2023	Scale	NTS @ A1 NTS @ A3	Drawn	FM	Checked	IL	Approved	HOS
Project Code	BCIDB	Originator Code	JAC	QMS Code					

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

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TYPICAL SECTION A-A
SWORDS ROAD
LOCATED ON GA SHEET 02
DRAWING REF: BCIDB-JAC-GEO_GA-0002_XX_00-DR-CR-0002



TYPICAL SECTION B-B
SWORDS ROAD
LOCATED ON GA SHEET 03
DRAWING REF: BCIDB-JAC-GEO_GA-0002_XX_00-DR-CR-0003

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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date: 06/04/2023 | Scale: 1:50 @ A1, 1:100 @ A3

Project Code: BCIDB | Originator Code: JAC

Drawn: FM | Checked: IL | Approved: HOS

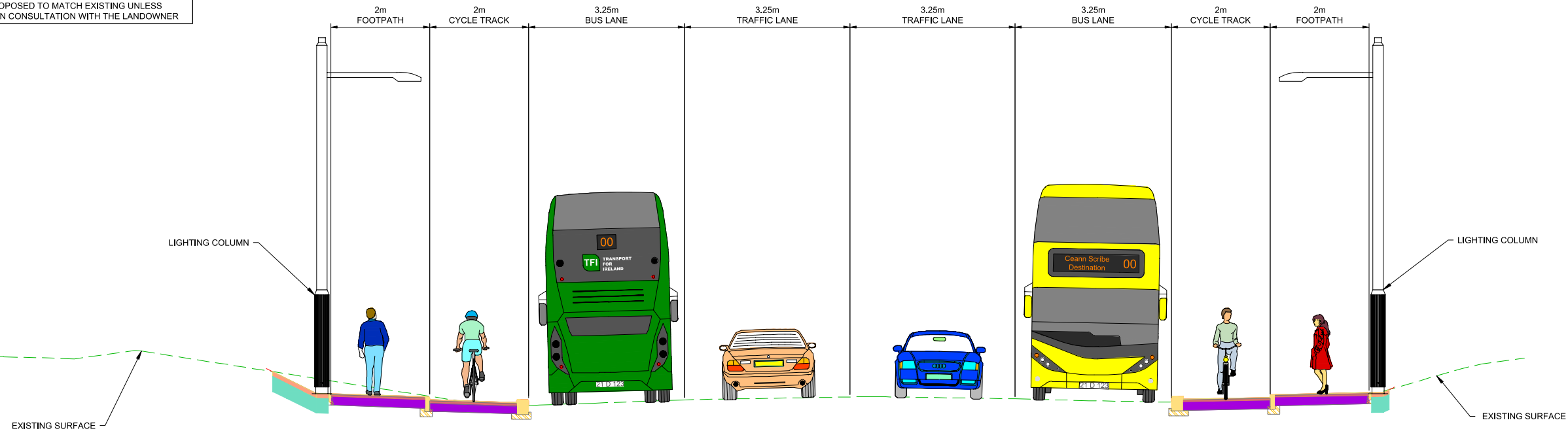
QMS Code:

Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS			
Drawing File Name: BCIDB-JAC-GEO_CS-0002_XX_00-DR-CR-0001	Sheet Number: 01 of 20	Status: A	Rev: M01

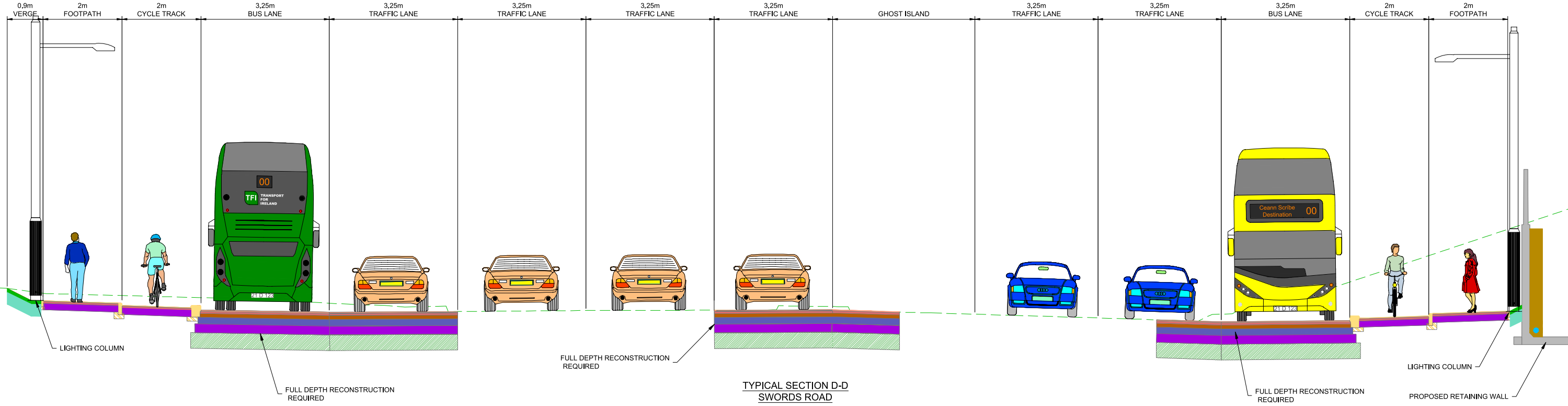
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**TYPICAL SECTION C-C
SWORDS ROAD**
LOCATED ON GA SHEET 05
DRAWING REF: BCIDB-JAC-GEO_GA-0002_XX_00-DR-CR-0005



**TYPICAL SECTION D-D
SWORDS ROAD**
LOCATED ON GA SHEET 06
DRAWING REF: BCIDB-JAC-GEO_GA-0002_XX_00-DR-CR-0006

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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

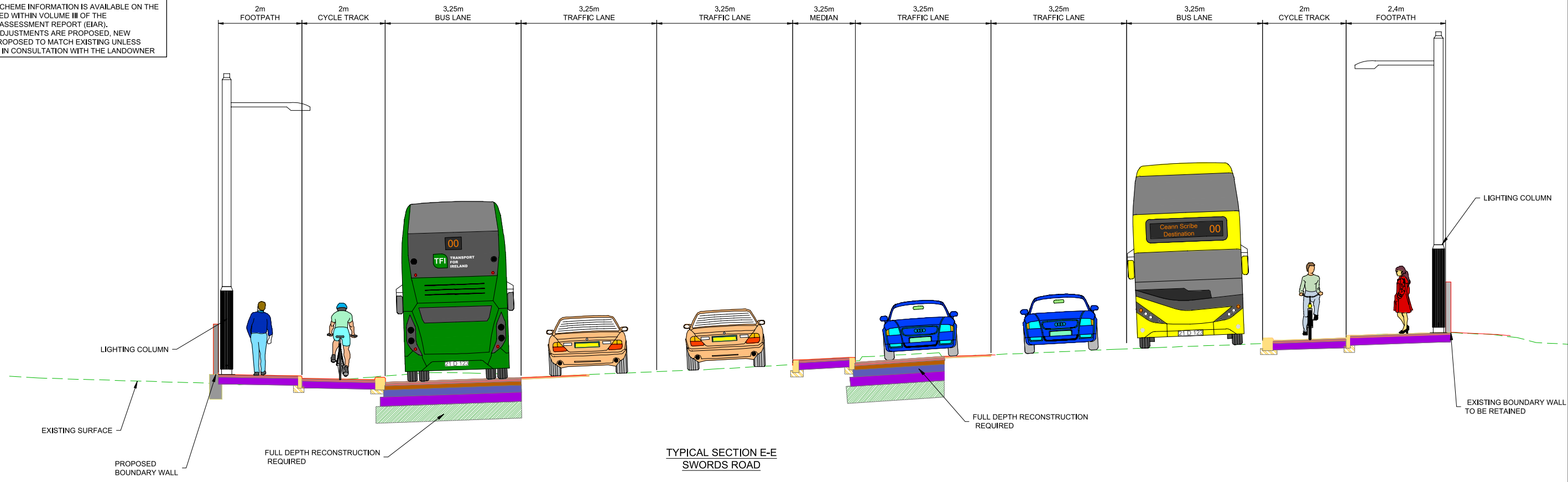
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Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-GEO_CS-0002_XX_00-DR-CR-0002	02 of 20	A	M01

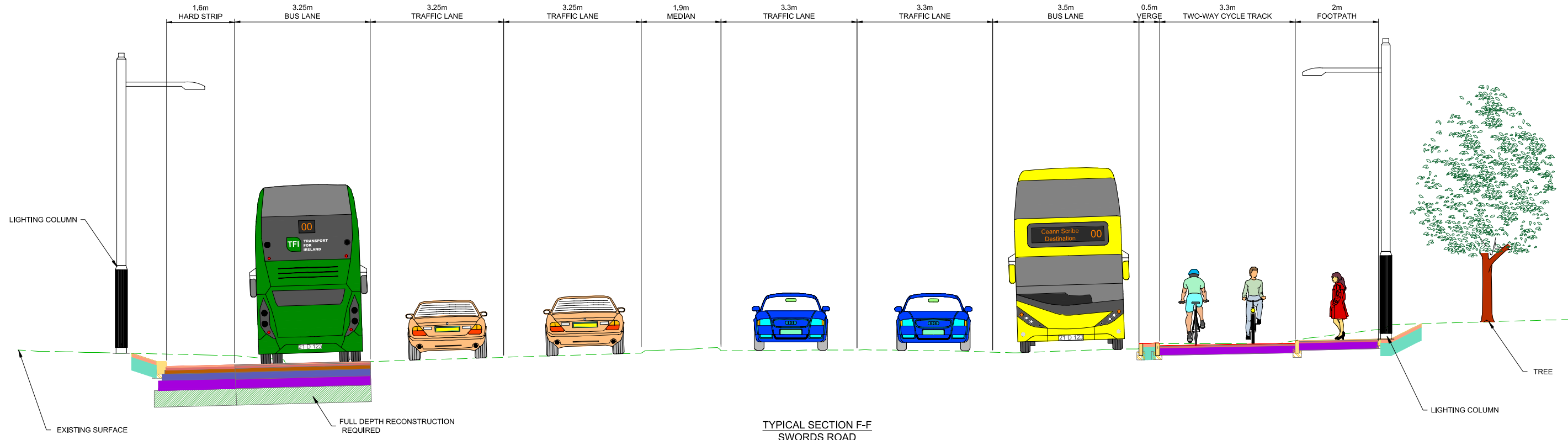
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**TYPICAL SECTION E-E
SWORDS ROAD**
LOCATED ON GA SHEET 07
DRAWING REF: BCIDB-JAC-GEO_GA-0002_XX_00-DR-CR-0007



**TYPICAL SECTION F-F
SWORDS ROAD**
LOCATED ON GA SHEET 07
DRAWING REF: BCIDB-JAC-GEO_GA-0002_XX_00-DR-CR-0007

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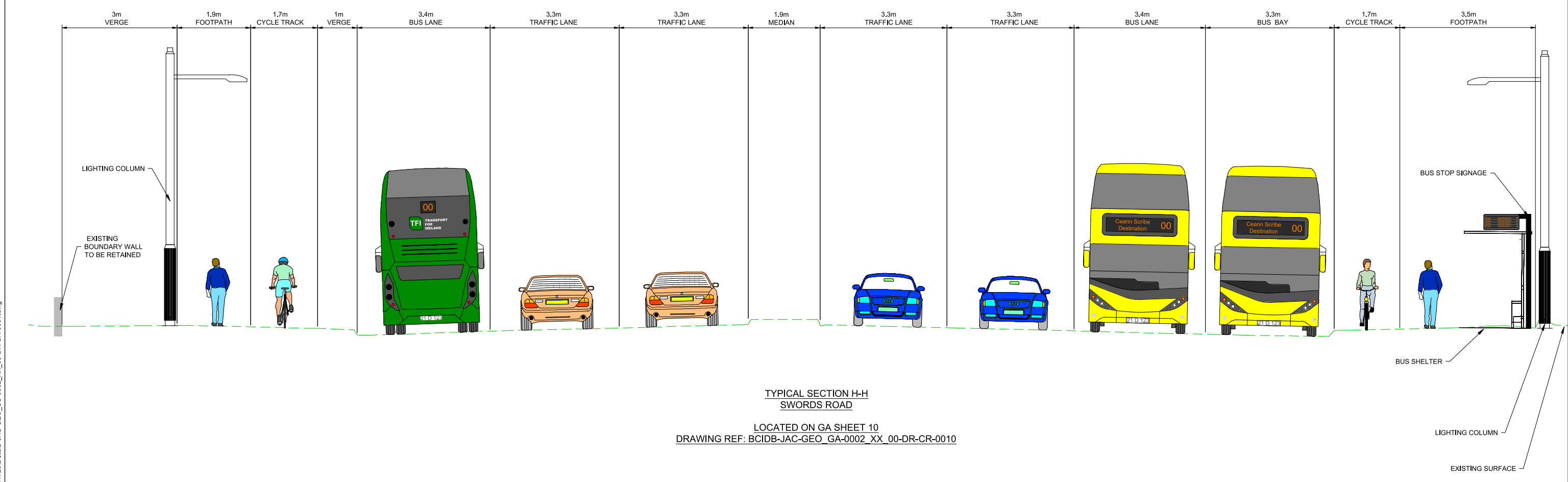
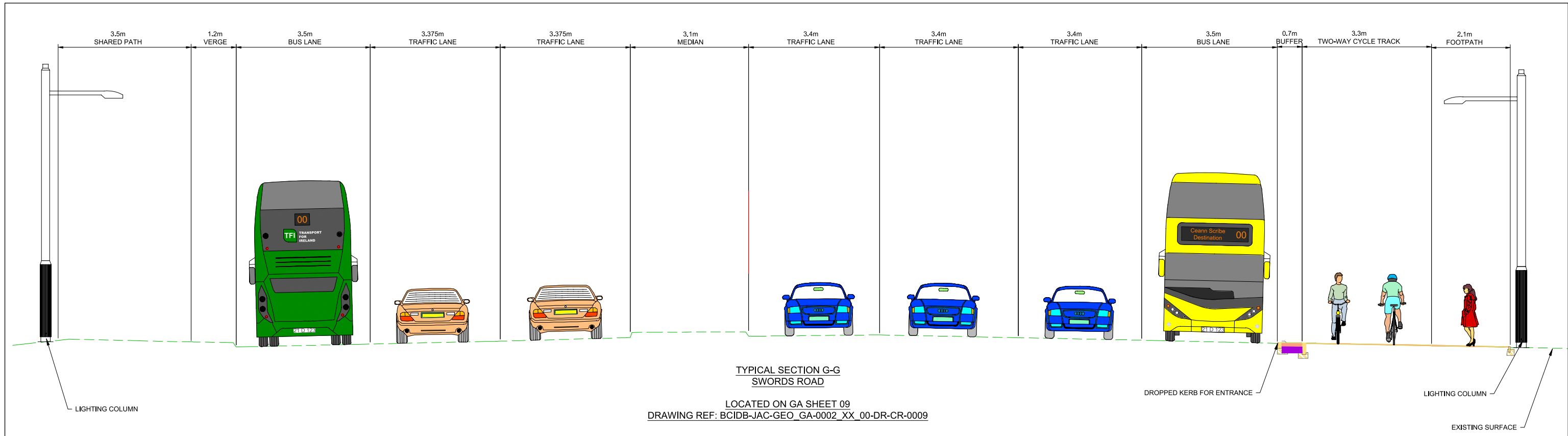
Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

Date	Scale	Drawn	Checked	Approved
06/04/2023	1:50 @ A1 1:100 @ A3	FM	IL	HOS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-GEO_CS-0002_XX_00-DR-CR-0003	03 of 20	A	M01

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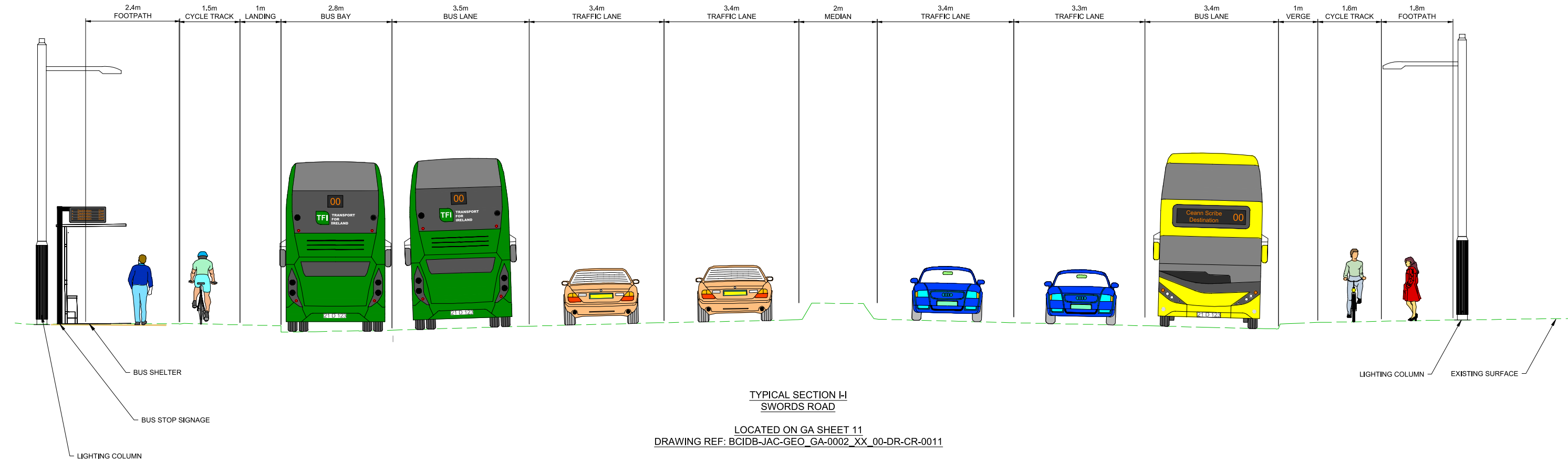
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Date	Scale	Drawn	Checked	Approved
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Project Code	Originator Code	QMS Code		
BCIDB	JAC			

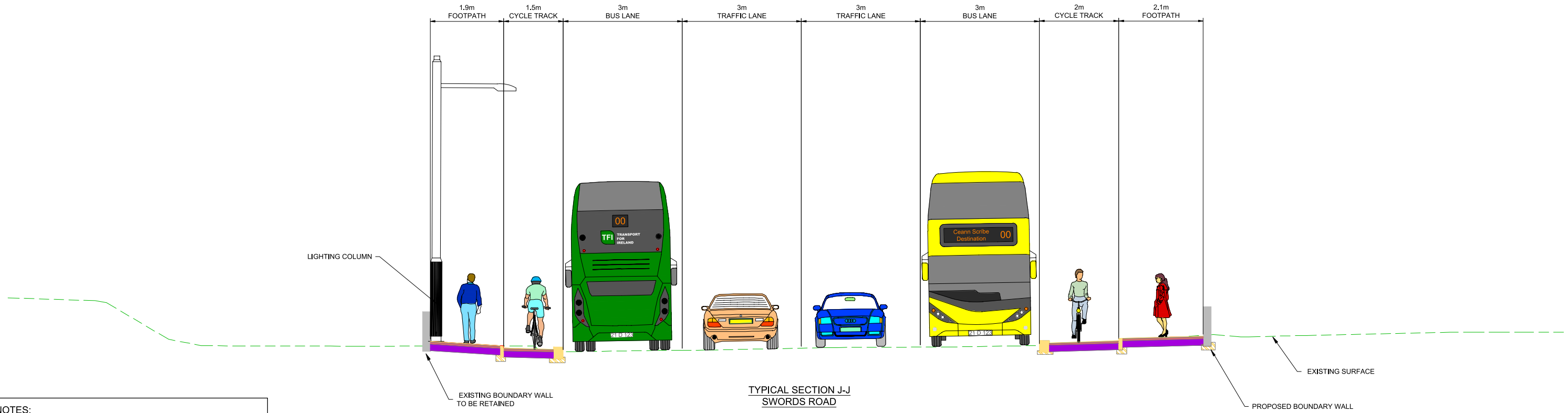
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Drawing Title SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-GEO_CS-0002_XX_00-DR-CR-0004	04 of 20	A	M01

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TYPICAL SECTION I-I
SWORDS ROAD
LOCATED ON GA SHEET 11
DRAWING REF: BCIDB-JAC-GEO_GA-0002_XX_00-DR-CR-0011



TYPICAL SECTION J-J
SWORDS ROAD
LOCATED ON GA SHEET 12
DRAWING REF: BCIDB-JAC-GEO_GA-0002_XX_00-DR-CR-0012

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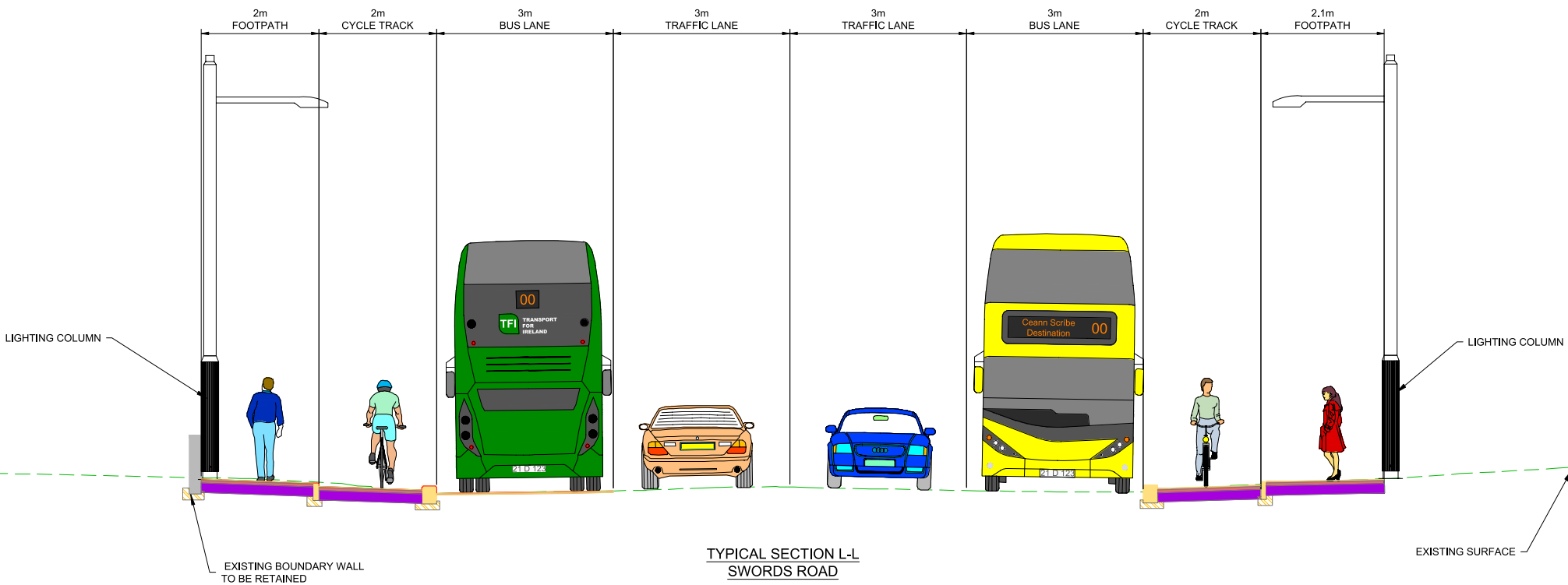
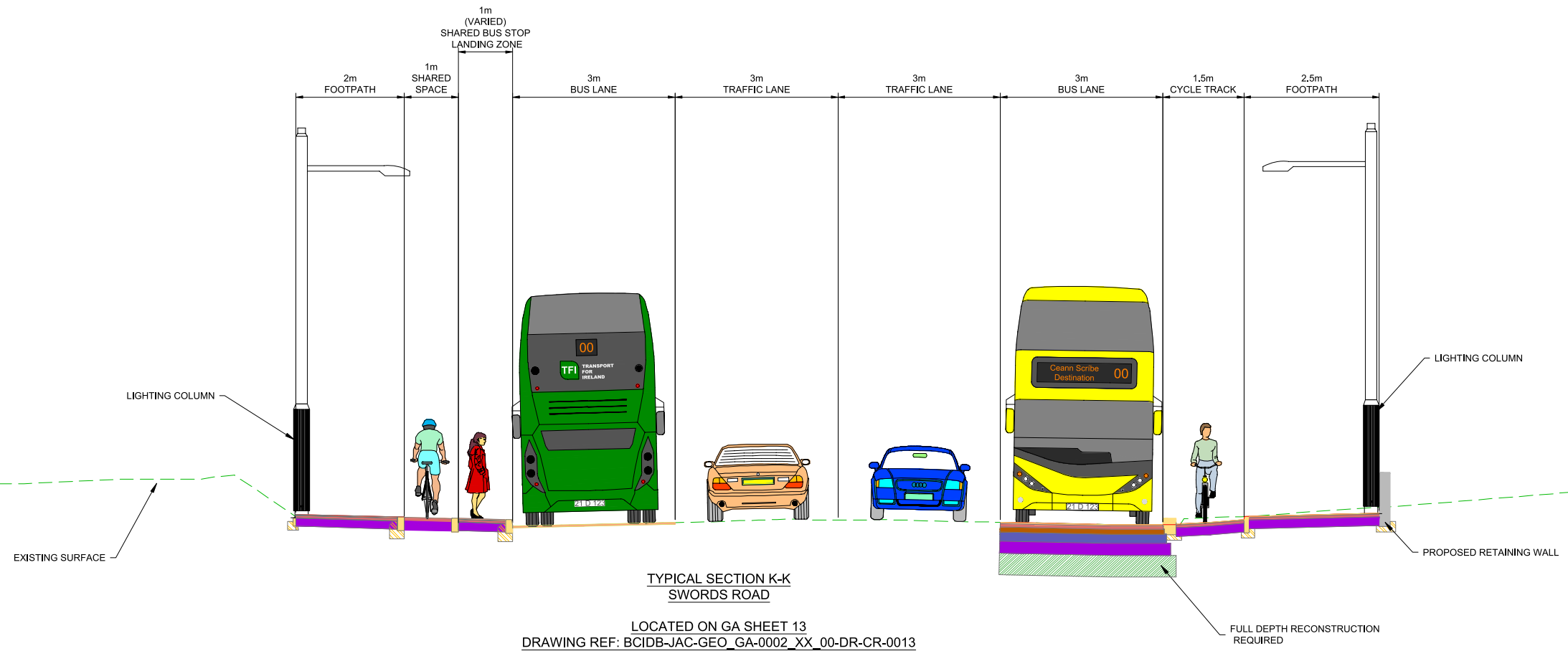
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M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

Date	Scale	Drawn	Checked	Approved
06/04/2023	1:50 @ A1 1:100 @ A3	FM	IL	HOS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-GEO_CS-0002_XX_00-DR-CR-0005	05 of 20	A	M01

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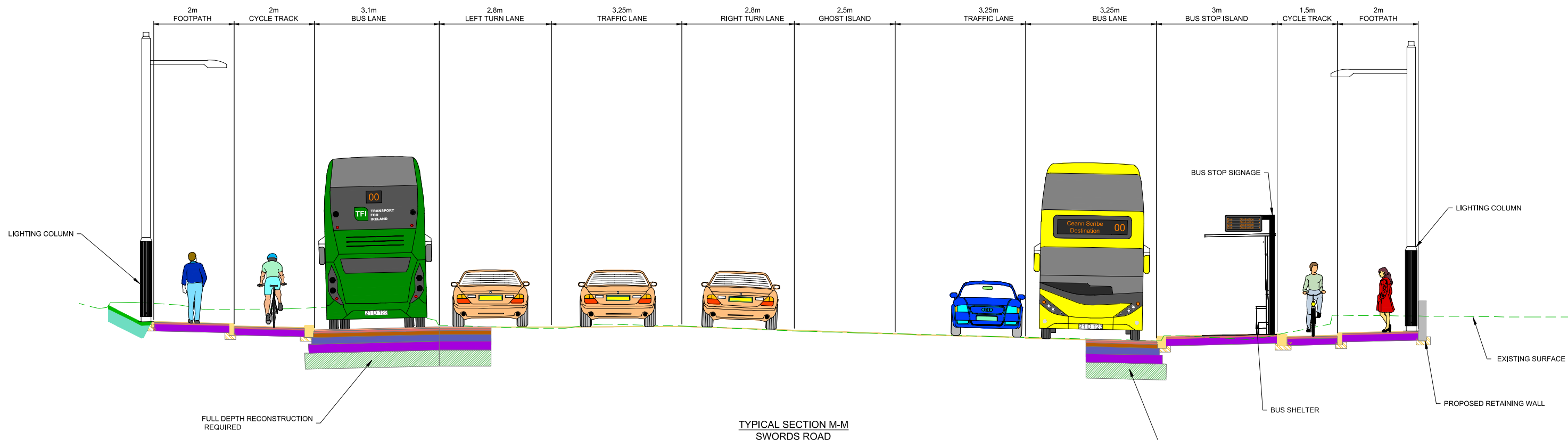
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M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

Date	Scale	Drawn	Checked	Approved
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Project Code	Originator Code	QMS Code		
BCIDB	JAC			

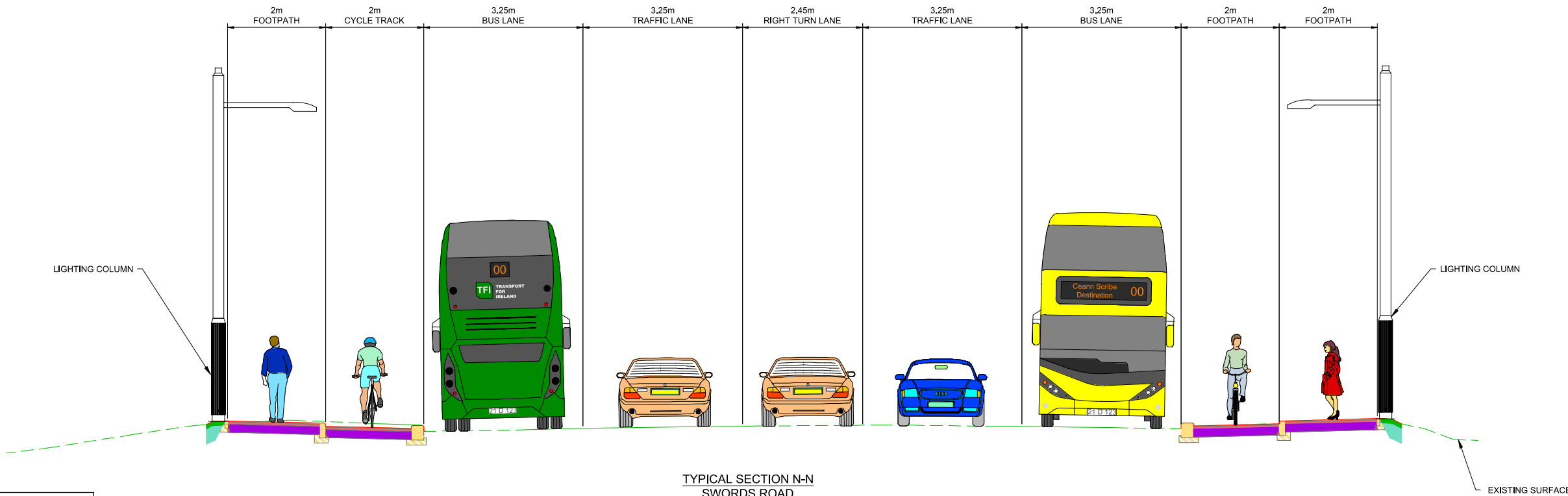
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Drawing Title SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-GEO_CS-0002_XX_00-DR-CR-0006	06 of 20	A	M01

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TYPICAL SECTION M-M
SWORDS ROAD
LOCATED ON GA SHEET 15
DRAWING REF: BCIDB-JAC-GEO_GA-0002_XX_00-DR-CR-0015



TYPICAL SECTION N-N
SWORDS ROAD
LOCATED ON GA SHEET 16
DRAWING REF: BCIDB-JAC-GEO_GA-0002_XX_00-DR-CR-0016

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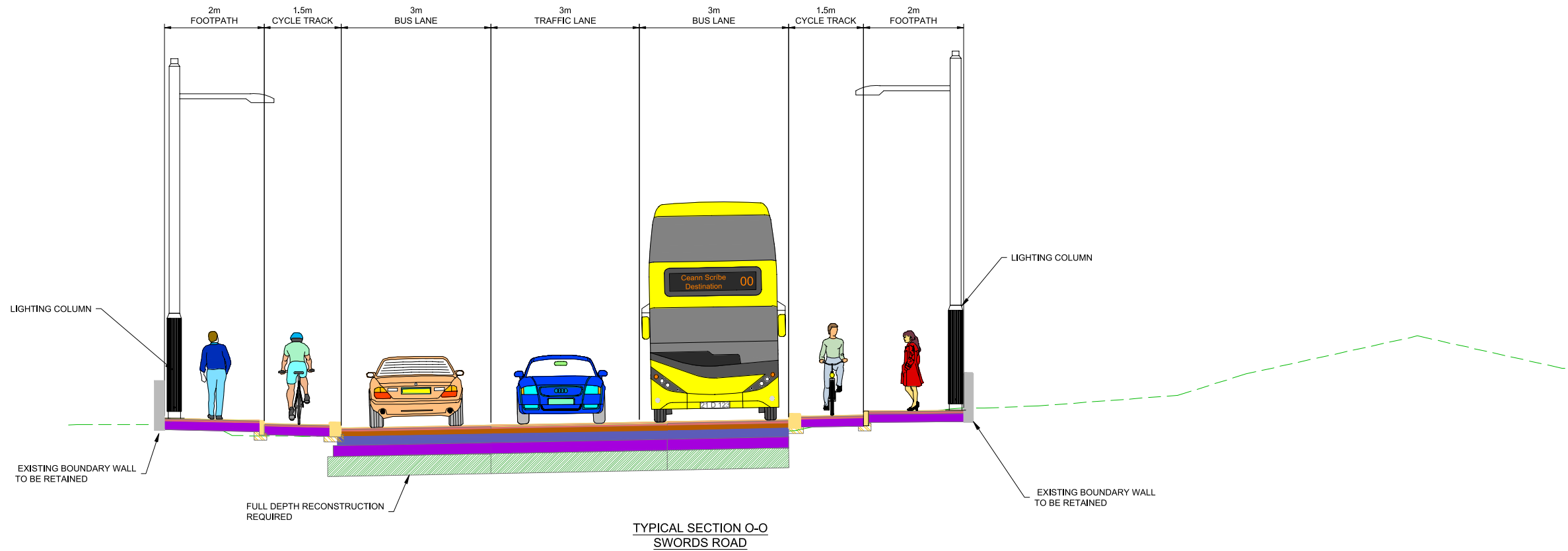
	Rev	Date	Drn	Chk'd	App'd	Description
	M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

Client	 Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer		
Date	06/04/2023	Scale	1:50 @ A1 1:100 @ A3	Drawn	Checked
Project Code	BCIDB	Originator Code	JAC	FM	IL
			QMS Code	Approved	HOS

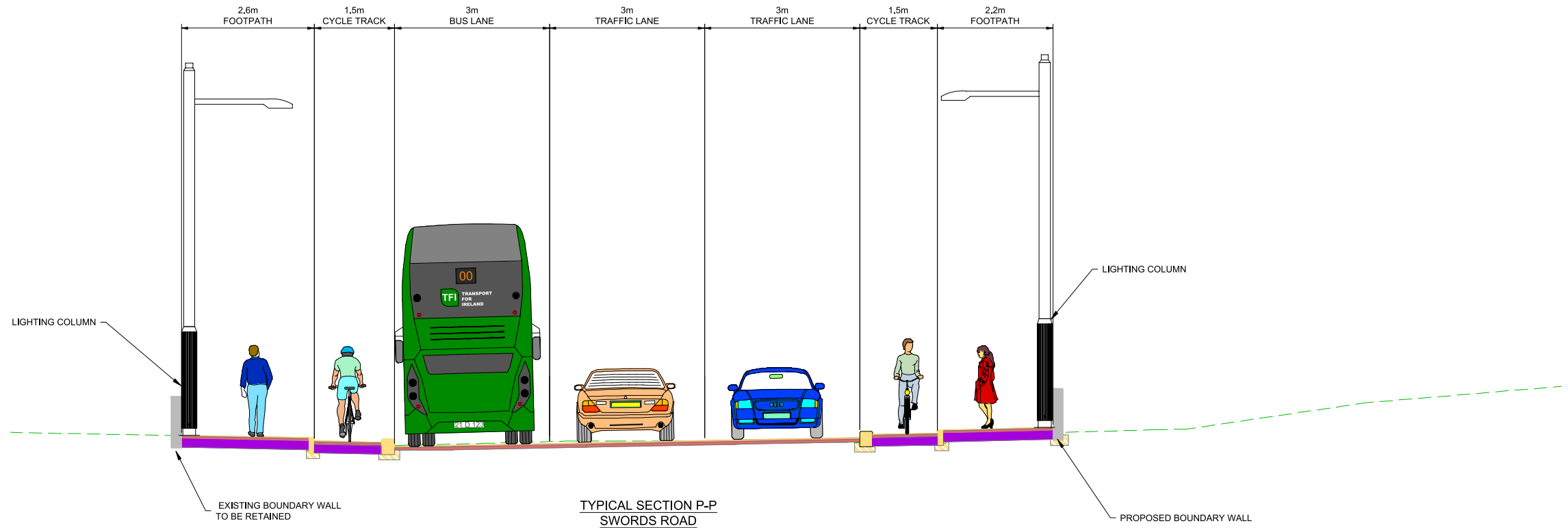
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				CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title							
SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME							
TYPICAL CROSS SECTIONS							
Drawing File Name				Sheet Number		Status	Rev
BCIDB-JAC-GEO_CS-0002_XX_00-DR-CR-0007				07 of 20		A	M01

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TYPICAL SECTION O-O
SWORDS ROAD
LOCATED ON GA SHEET 17
DRAWING REF: BCIDB-JAC-GEO_GA-0002_XX_00-DR-CR-0017



TYPICAL SECTION P-P
SWORDS ROAD
LOCATED ON GA SHEET 18
DRAWING REF: BCIDB-JAC-GEO_GA-0002_XX_00-DR-CR-0018

- NOTES:**
1. ADDITIONAL PROPOSED SCHEME INFORMATION IS AVAILABLE ON THE DRAWING SERIES PROVIDED WITHIN VOLUME III OF THE ENVIRONMENTAL IMPACT ASSESSMENT REPORT (EIA/R), WHERE PROPERTY LINE ADJUSTMENTS ARE PROPOSED, NEW BOUNDARY WALLS ARE PROPOSED TO MATCH EXISTING UNLESS OTHERWISE DETERMINED IN CONSULTATION WITH THE LANDOWNER

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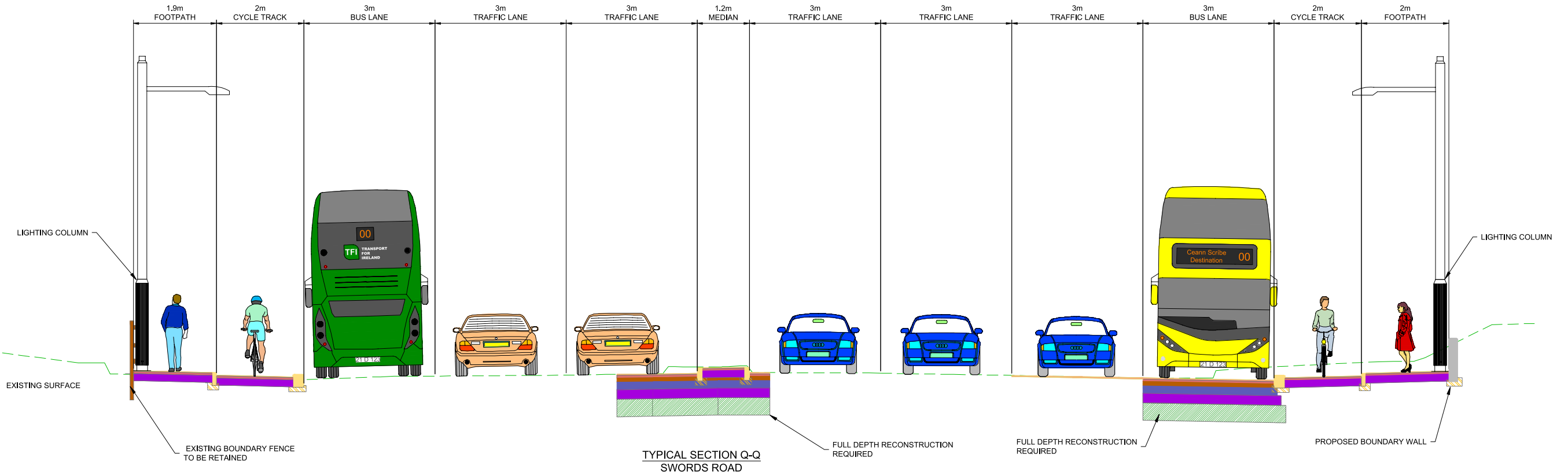
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M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

Date	Scale	Drawn	Checked	Approved
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Project Code	Originator Code	QMS Code		
BCIDB	JAC			

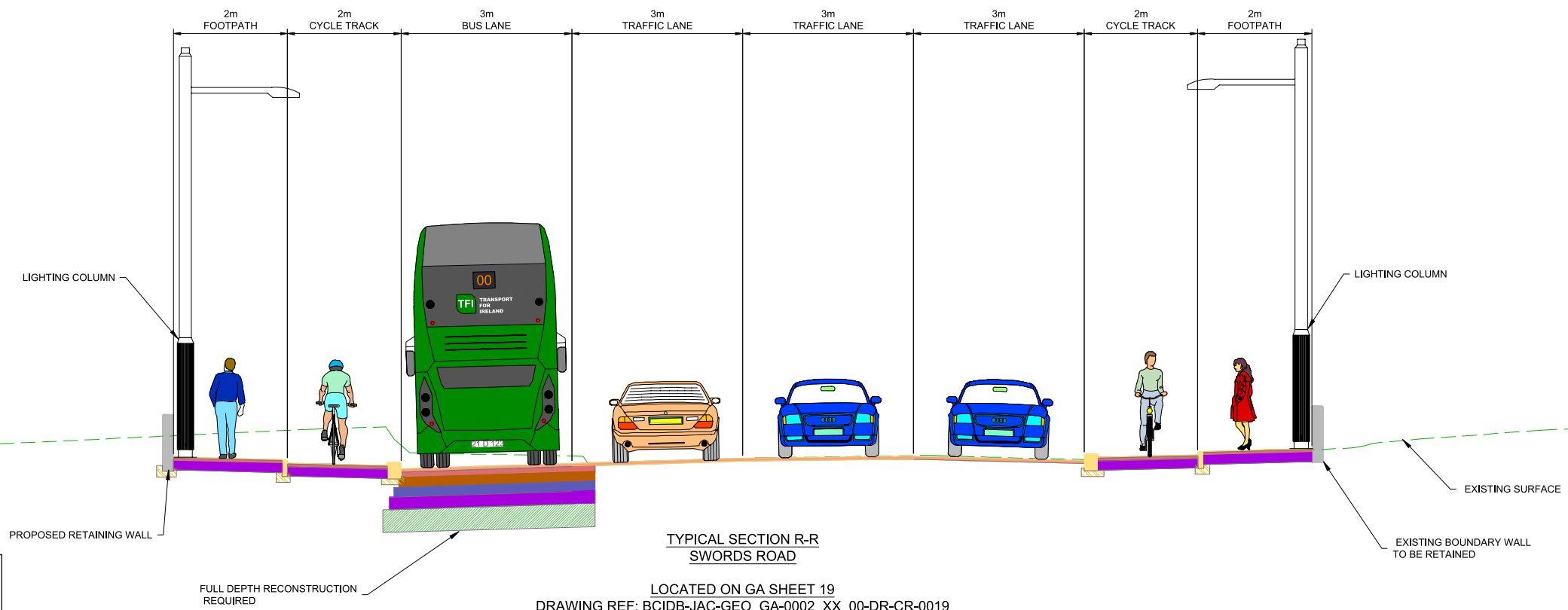
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Drawing Title SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-GEO_CS-0002_XX_00-DR-CR-0008	08 of 20	A	M01

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TYPICAL SECTION Q-Q
SWORDS ROAD
LOCATED ON GA SHEET 18
DRAWING REF: BCIDB-JAC-GEO_GA-0002_XX_00-DR-CR-0018



TYPICAL SECTION R-R
SWORDS ROAD
LOCATED ON GA SHEET 19
DRAWING REF: BCIDB-JAC-GEO_GA-0002_XX_00-DR-CR-0019

- NOTES:**
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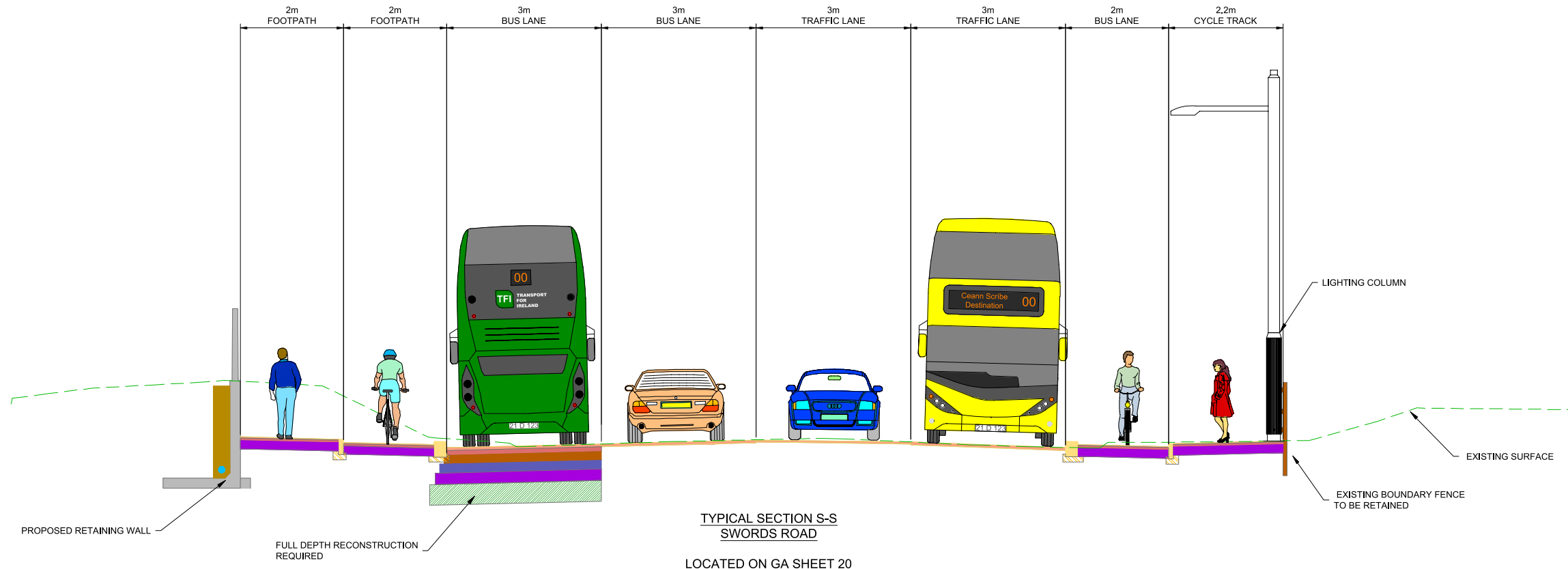
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M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

Client NTA Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer Jacobs		
Date 06/04/2023	Scale 1:50 @ A1 1:100 @ A3	Drawn FM	Checked IL	Approved HOS
Project Code BCIDB	Originator Code JAC	QMS Code		

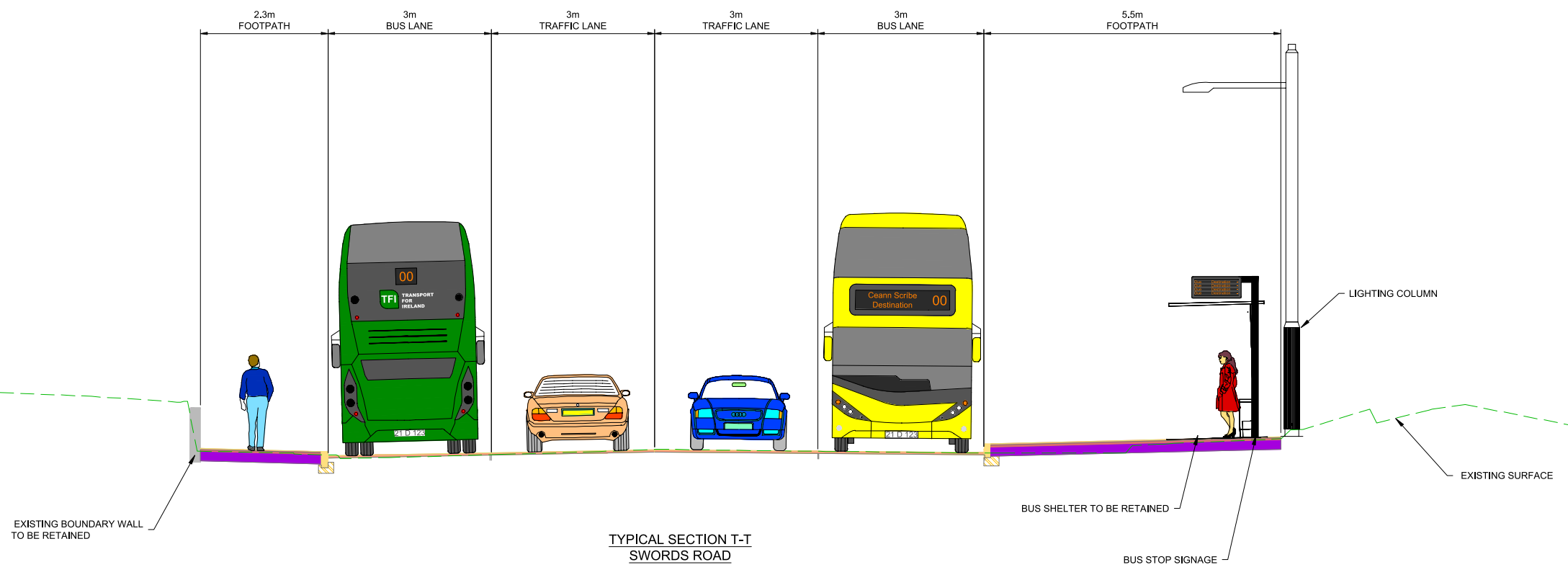
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Drawing Title SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS			
Drawing File Name BCIDB-JAC-GEO_CS-0002_XX_00-DR-CR-0009	Sheet Number 09 of 20	Status A	Rev M01

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TYPICAL SECTION S-S
SWORDS ROAD
LOCATED ON GA SHEET 20
DRAWING REF: BCIDB-JAC-GEO_GA-0002_XX_00-DR-CR-0020



TYPICAL SECTION T-T
SWORDS ROAD
LOCATED ON GA SHEET 20
DRAWING REF: BCIDB-JAC-GEO_GA-0002_XX_00-DR-CR-0020

- NOTES:**
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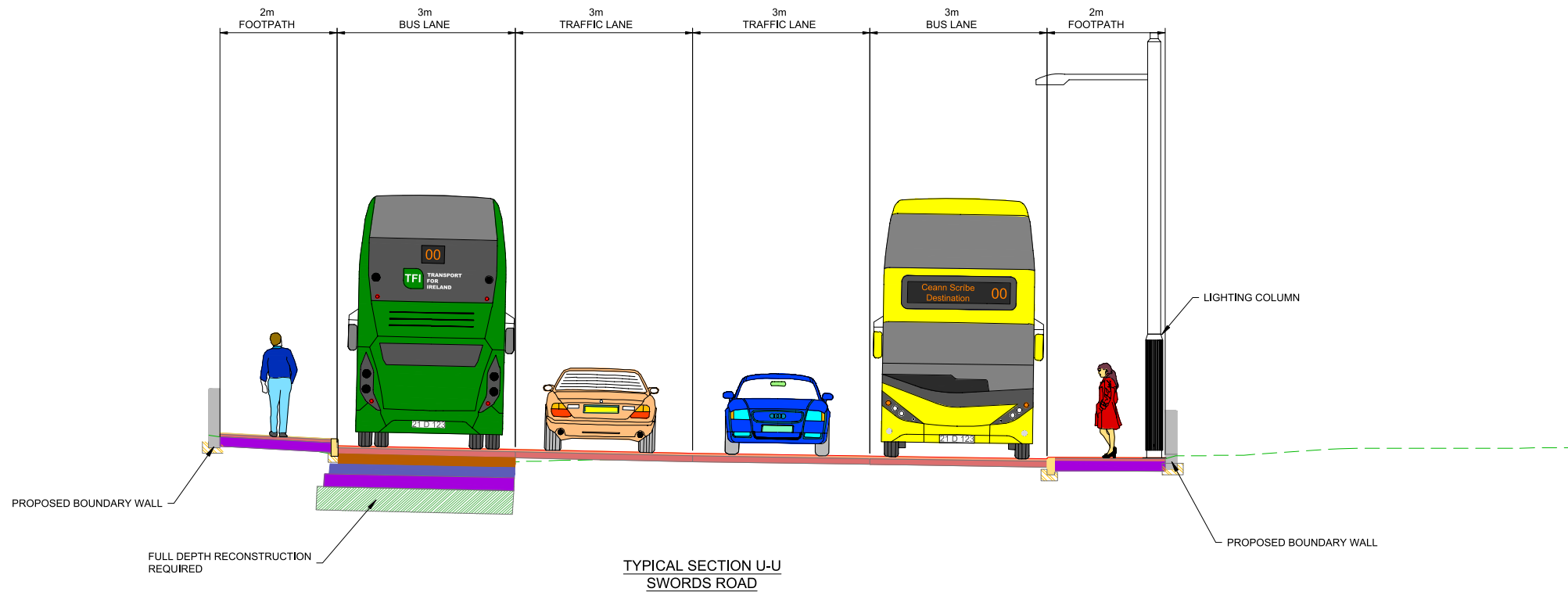
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Date	Scale	Drawn	Checked	Approved
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Project Code	Originator Code	QMS Code		
BCIDB	JAC			

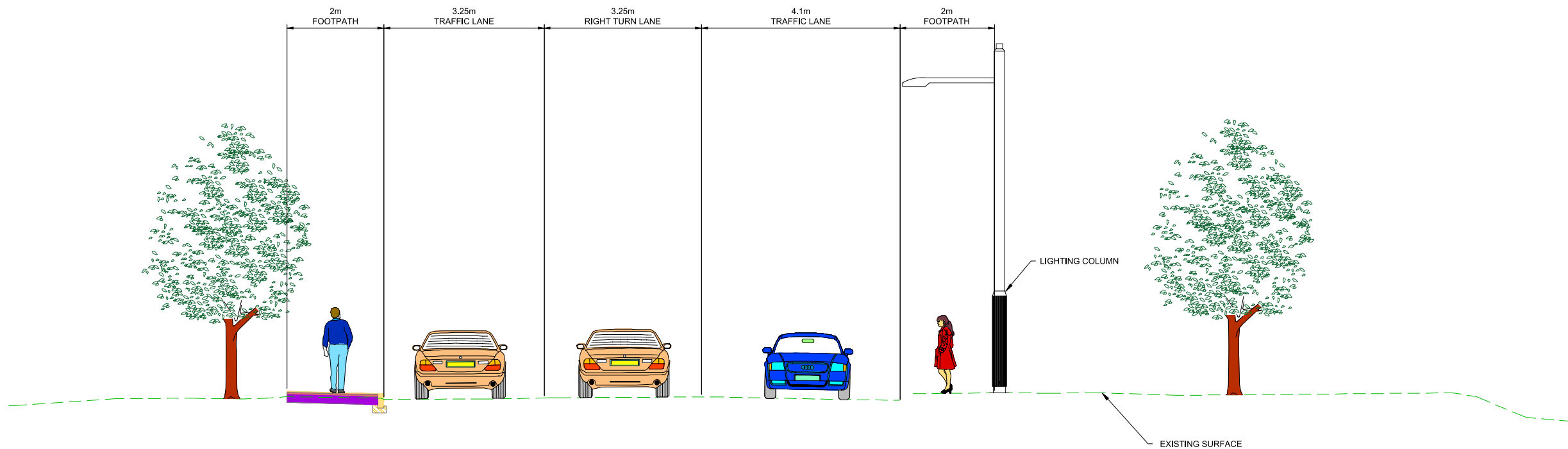
Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-GEO_CS-0002_XX_00-DR-CR-0010	10 of 20	A	M01

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TYPICAL SECTION U-U
SWORDS ROAD
LOCATED ON GA SHEET 21
DRAWING REF: BCIDB-JAC-GEO_GA-0002_XX_00-DR-CR-0021



TYPICAL SECTION V-V
SHANTALLA ROAD
LOCATED ON GA SHEET 23
DRAWING REF: BCIDB-JAC-GEO_GA-0002_XX_00-DR-CR-0023

- NOTES:**
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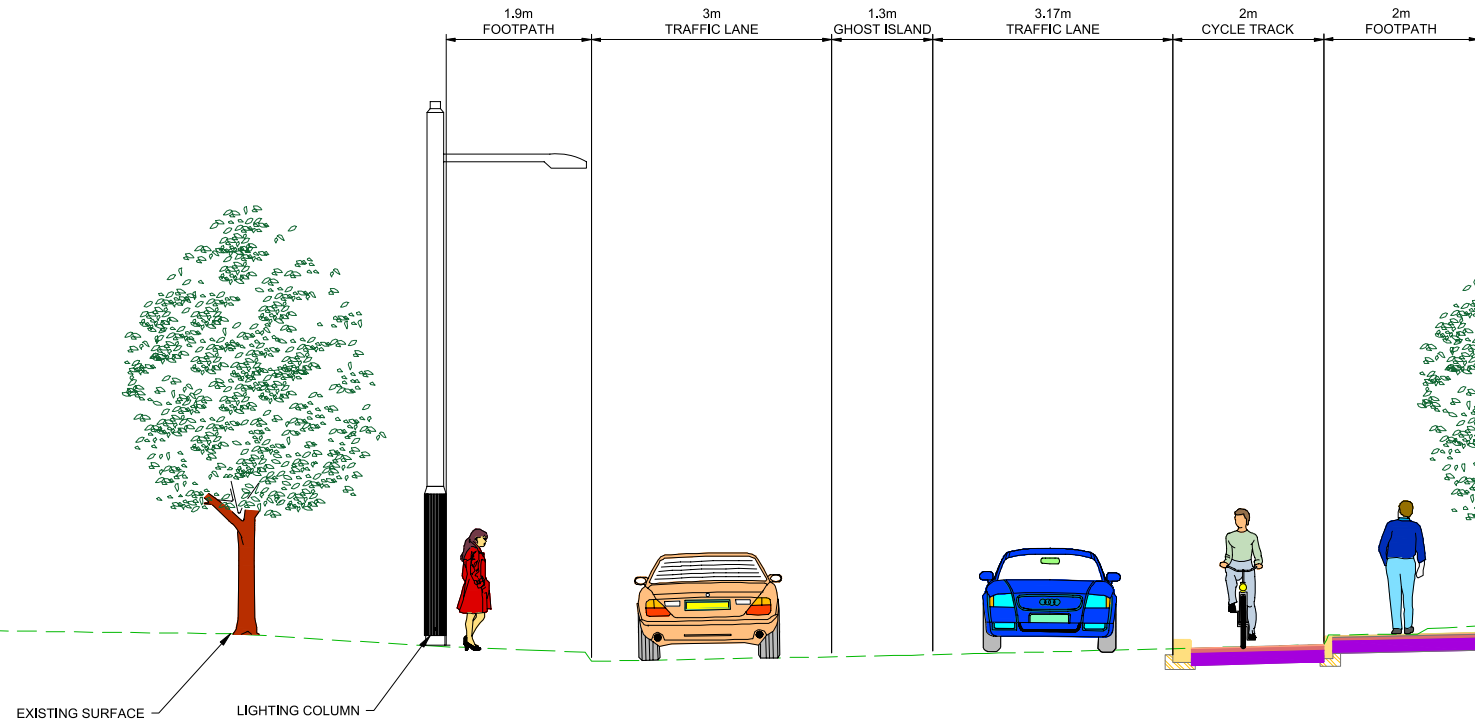


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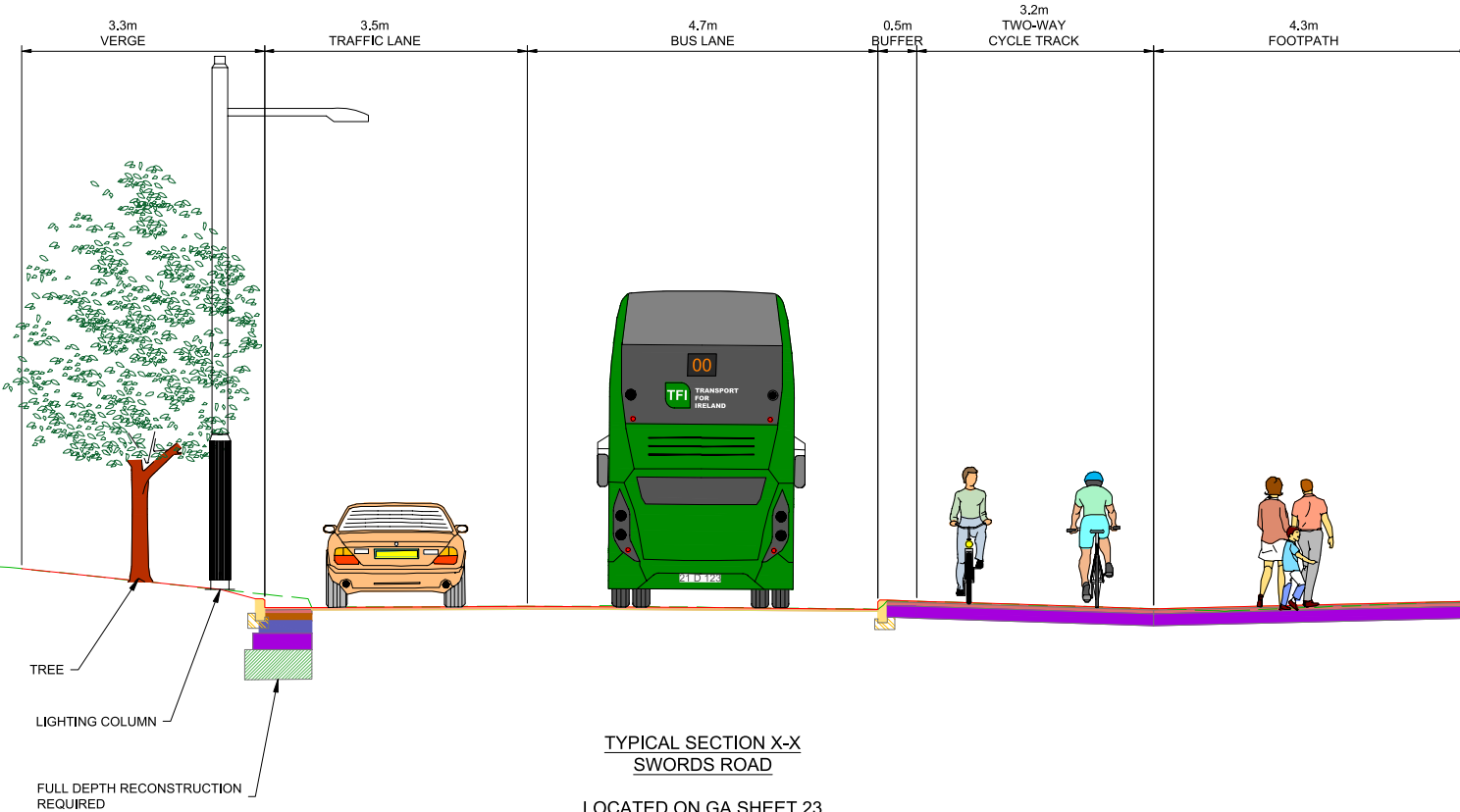
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Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-GEO_CS-0002_XX_00-DR-CR-0011	11 of 20	A	M01

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TYPICAL SECTION W-W
SHANTALLA ROAD
LOCATED ON GA SHEET 23
DRAWING REF: BCIDB-JAC-GEO_GA-0002_XX_00-DR-CR-0023



TYPICAL SECTION X-X
SWORDS ROAD
LOCATED ON GA SHEET 23
DRAWING REF: BCIDB-JAC-GEO_GA-0002_XX_00-DR-CR-0023

- NOTES:**
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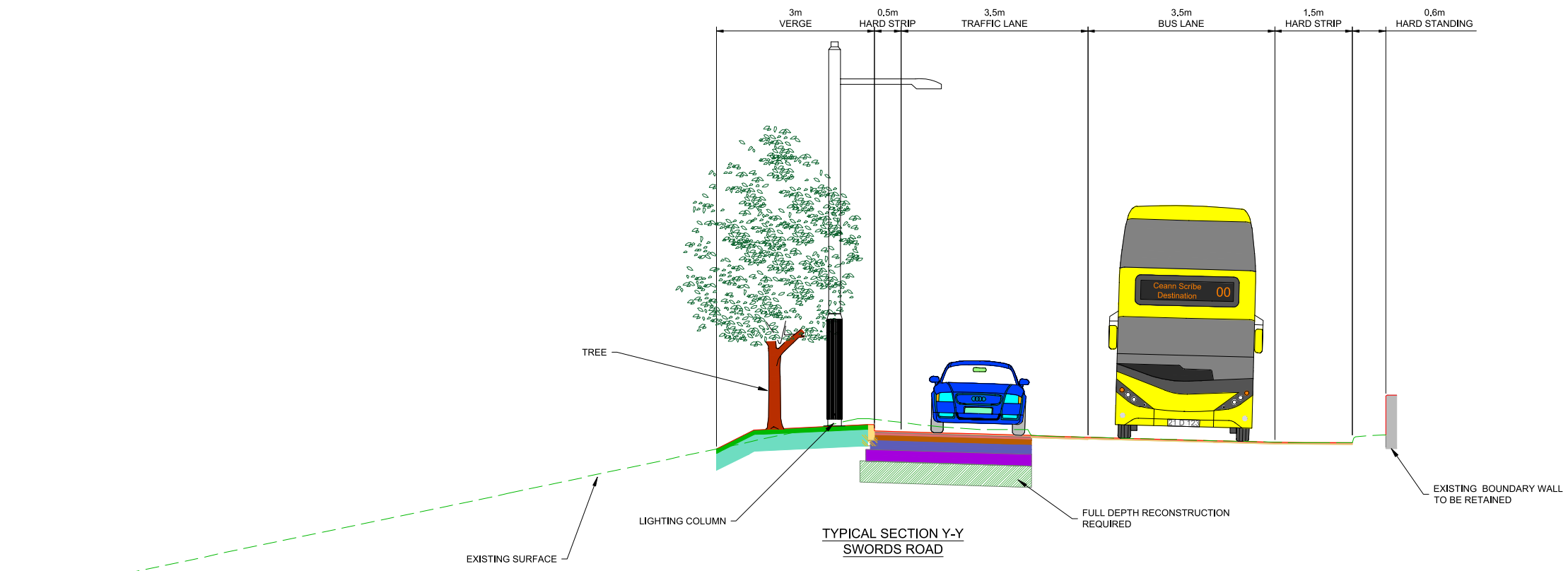
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 Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer 		
Date	Scale	Drawn	Checked	Approved
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Project Code	Originator Code	QMS Code		
BCIDB	JAC			

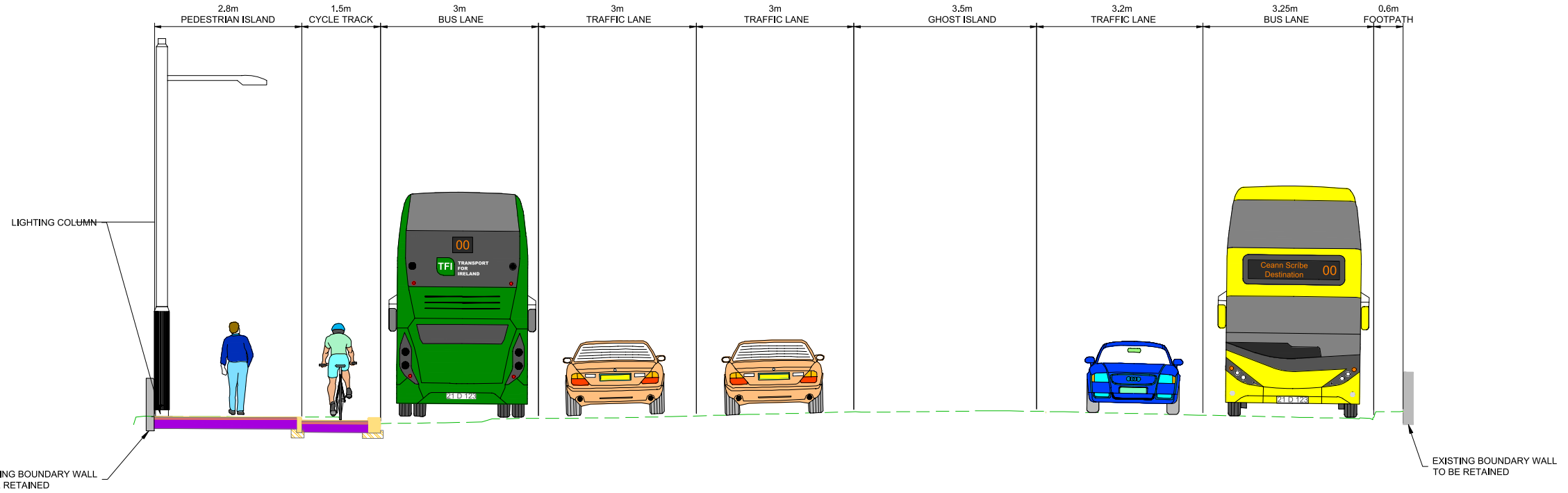
Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS			
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BCIDB-JAC-GEO_CS-0002_XX_00-DR-CR-0012	12 of 20	A	M01

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LOCATED ON GA SHEET 24
DRAWING REF: BCIDB-JAC-GEO_GA-0002_XX_00-DR-CR-0024

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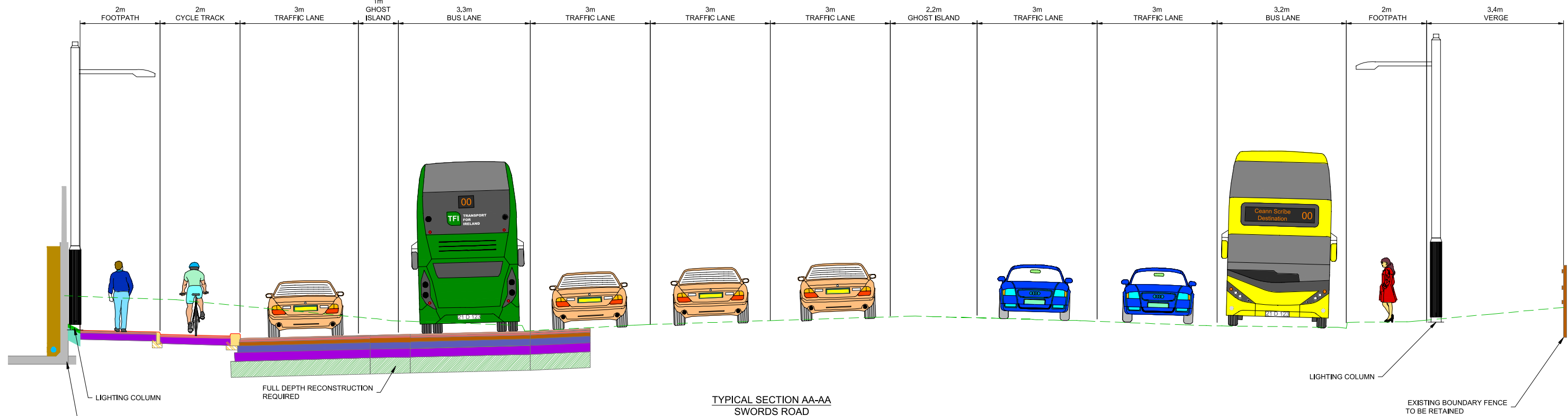
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BCIDB	JAC			

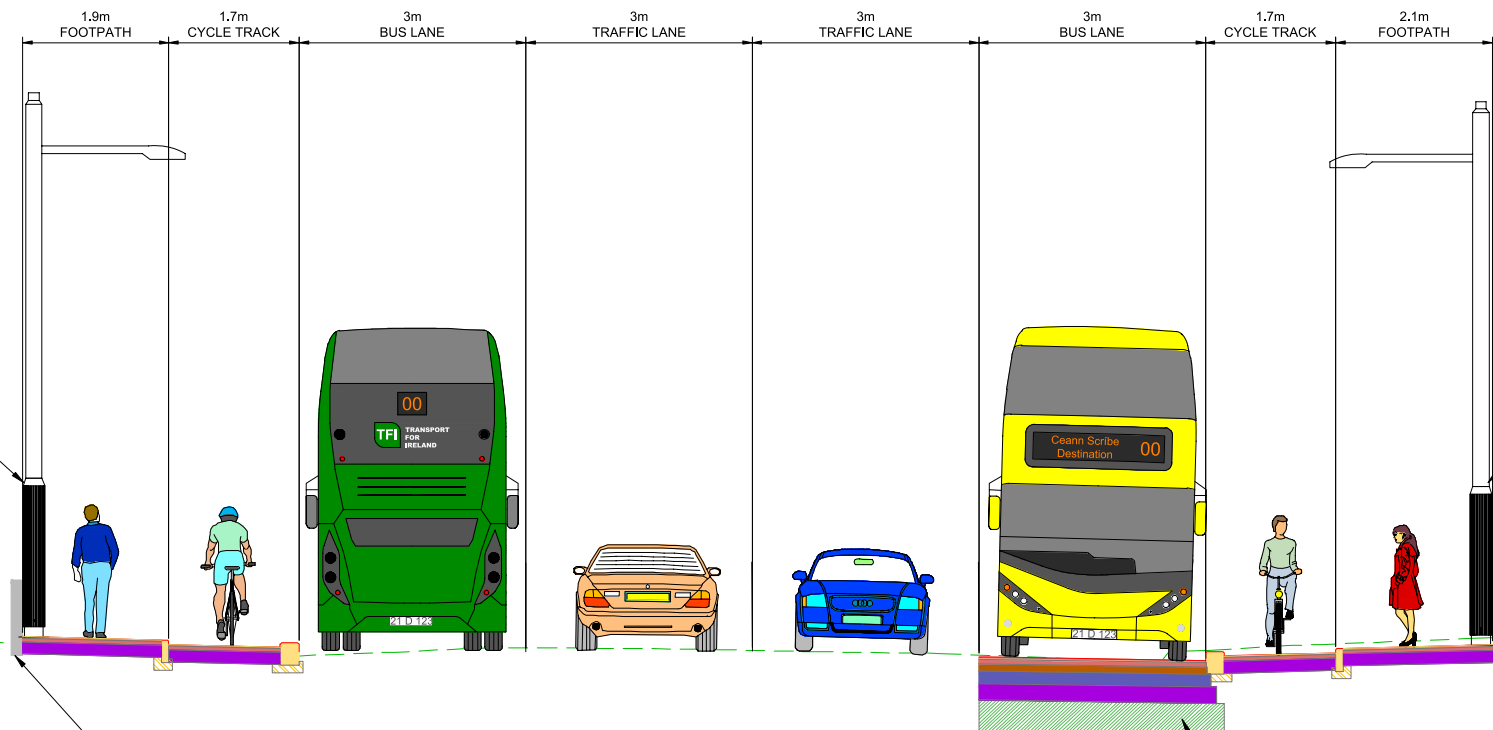
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Drawing Title SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-GEO_CS-0002_XX_00-DR-CR-0013	13 of 20	A	M01

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TYPICAL SECTION AA-AA
SWORDS ROAD
LOCATED ON GA SHEET 25
DRAWING REF: BCIDB-JAC-GEO_GA-0002_XX_00-DR-CR-0025



TYPICAL SECTION AB-AB
SWORDS ROAD
LOCATED ON GA SHEET 27
DRAWING REF: BCIDB-JAC-GEO_GA-0002_XX_00-DR-CR-0027

- NOTES:**
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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

Date: 06/04/2023 | Scale: 1:50 @ A1, 1:100 @ A3 | Drawn: FM | Checked: IL | Approved: HOS

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

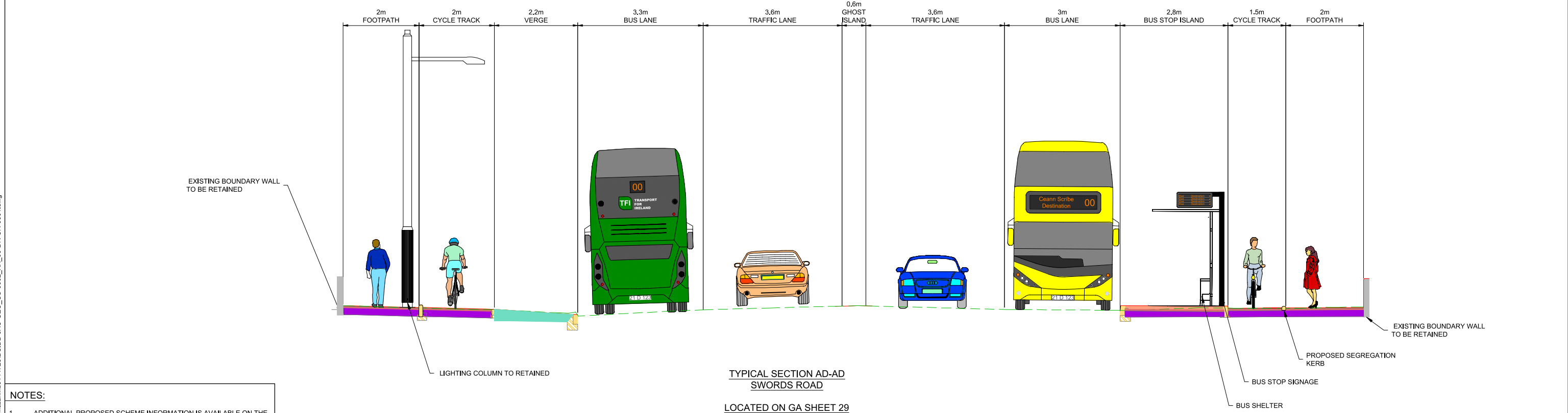
Programme Title: BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS			
Drawing File Name: BCIDB-JAC-GEO_CS-0002_XX_00-DR-CR-0014	Sheet Number: 14 of 20	Status: A	Rev: M01

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TYPICAL SECTION AC-AC
SWORDS ROAD
LOCATED ON GA SHEET 28
DRAWING REF: BCIDB-JAC-GEO_GA-0002_XX_00-DR-CR-0028



TYPICAL SECTION AD-AD
SWORDS ROAD
LOCATED ON GA SHEET 29
DRAWING REF: BCIDB-JAC-GEO_GA-0002_XX_00-DR-CR-0029

- NOTES:**
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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

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

Engineering Designer: **Jacobs**

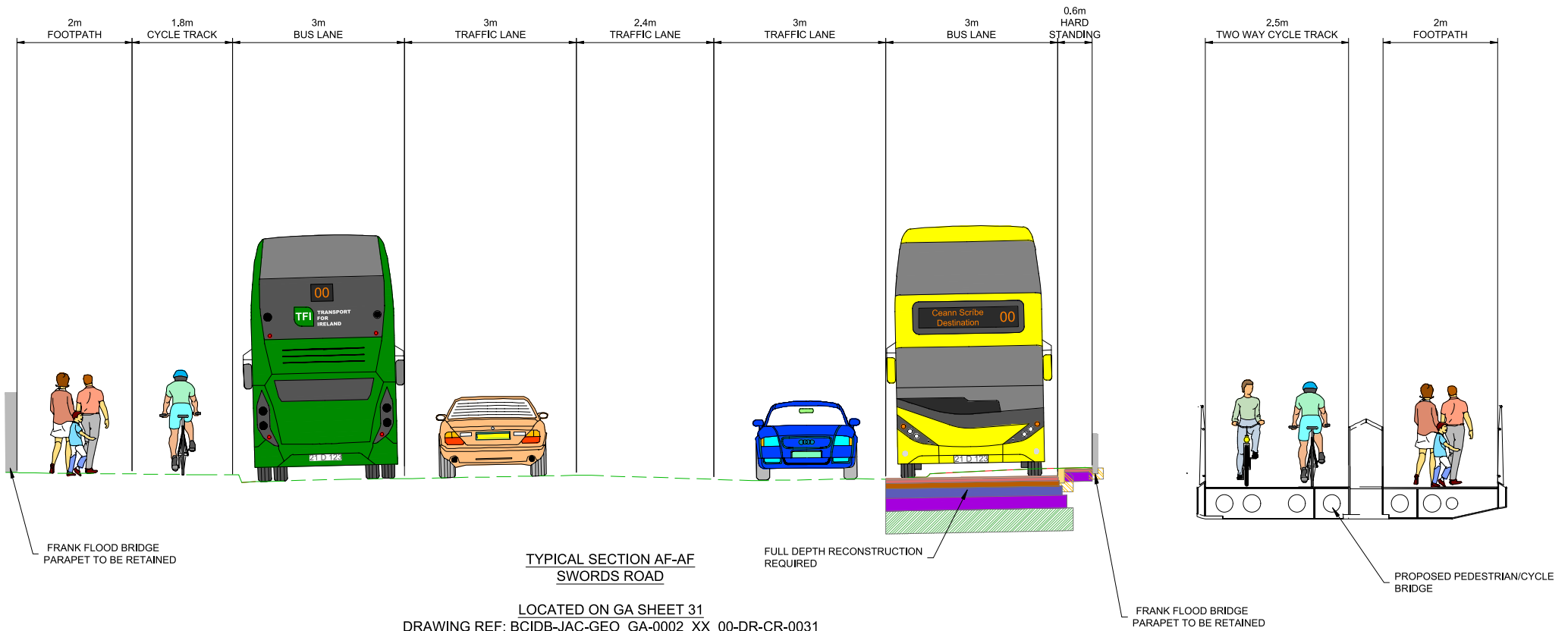
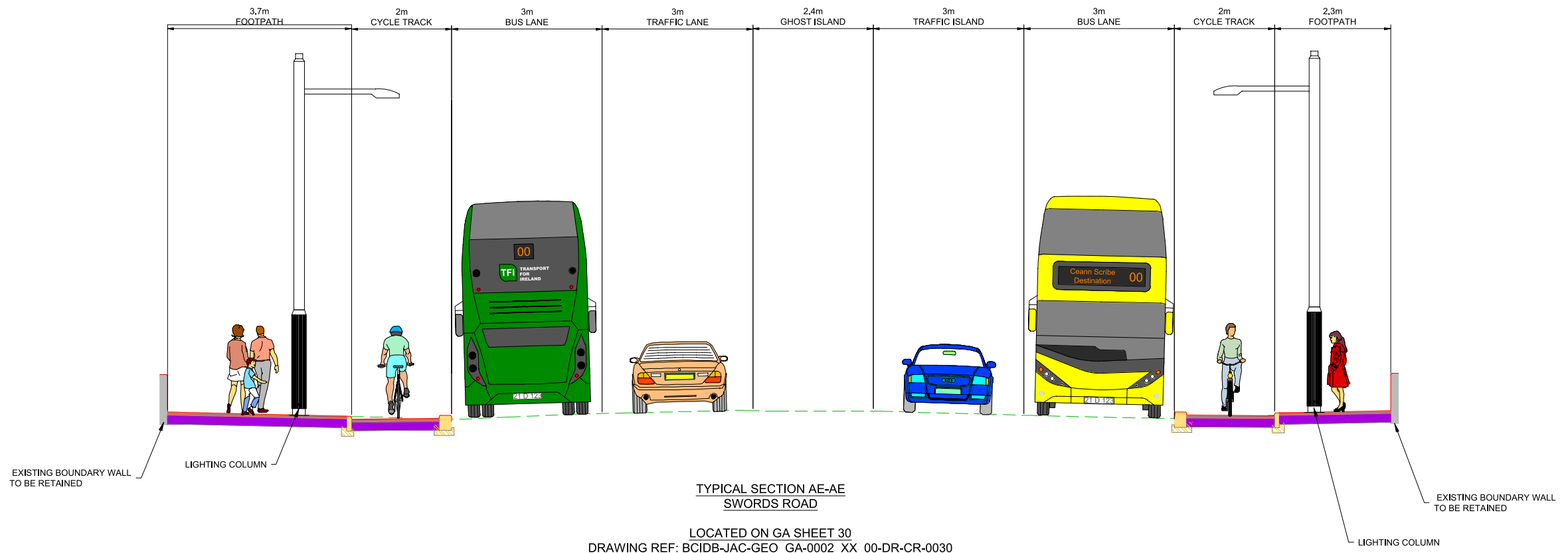
Date: 06/04/2023 | Scale: 1:50 @ A1, 1:100 @ A3 | Drawn: FM | Checked: IL | Approved: HOS

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

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS			
Drawing File Name BCIDB-JAC-GEO_CS-0002_XX_00-DR-CR-0015	Sheet Number 15 of 20	Status A	Rev M01

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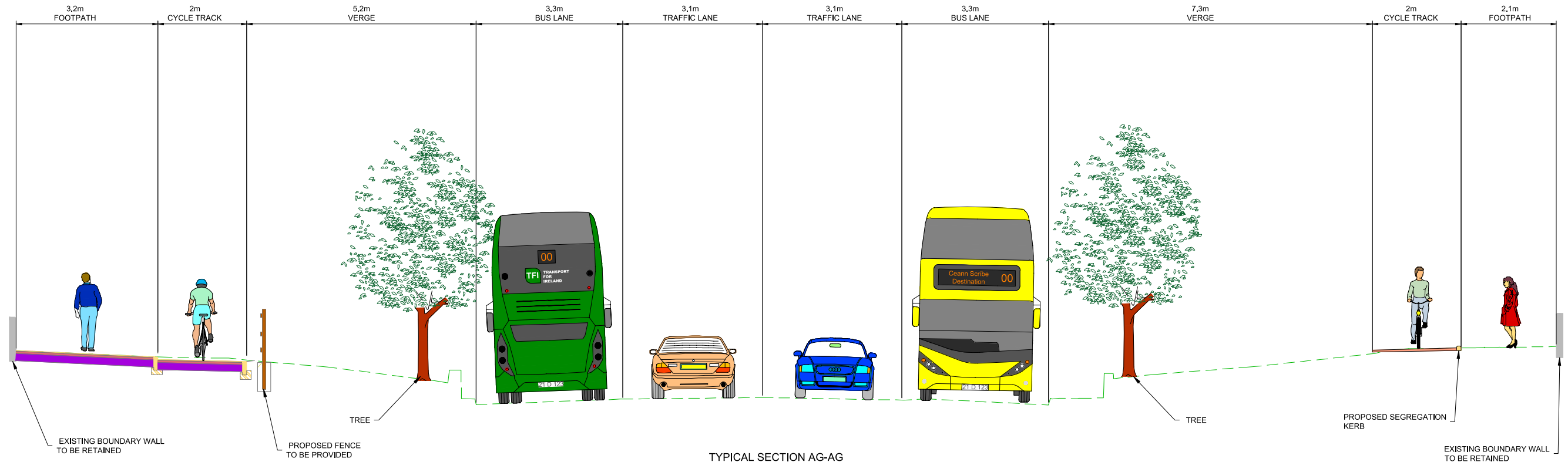
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M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

Date	Scale	Drawn	Checked	Approved
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Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-GEO_CS-0002_XX_00-DR-CR-0016	16 of 20	A	M01

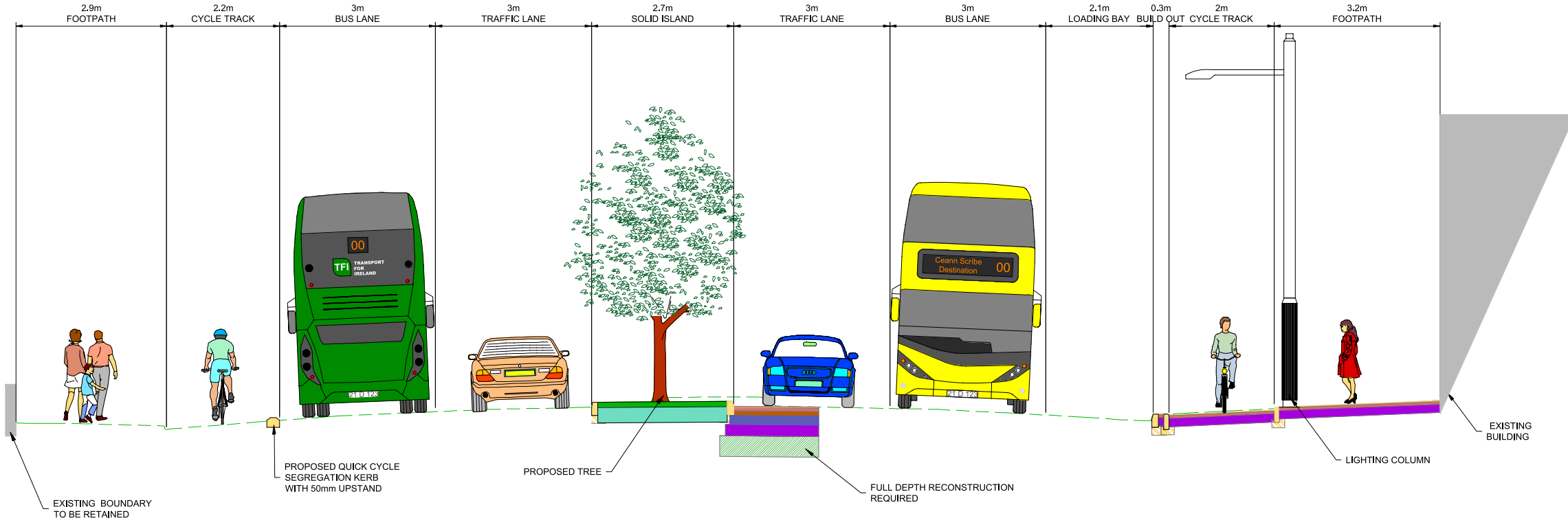
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TYPICAL SECTION AG-AG
SWORDS ROAD

LOCATED ON GA SHEET 32
DRAWING REF: BCIDB-JAC-GEO_GA-0002_XX_00-DR-CR-0032



TYPICAL SECTION AH-AH
SWORDS ROAD

LOCATED ON GA SHEET 33
DRAWING REF: BCIDB-JAC-GEO_GA-0002_XX_00-DR-CR-0033

- NOTES:**
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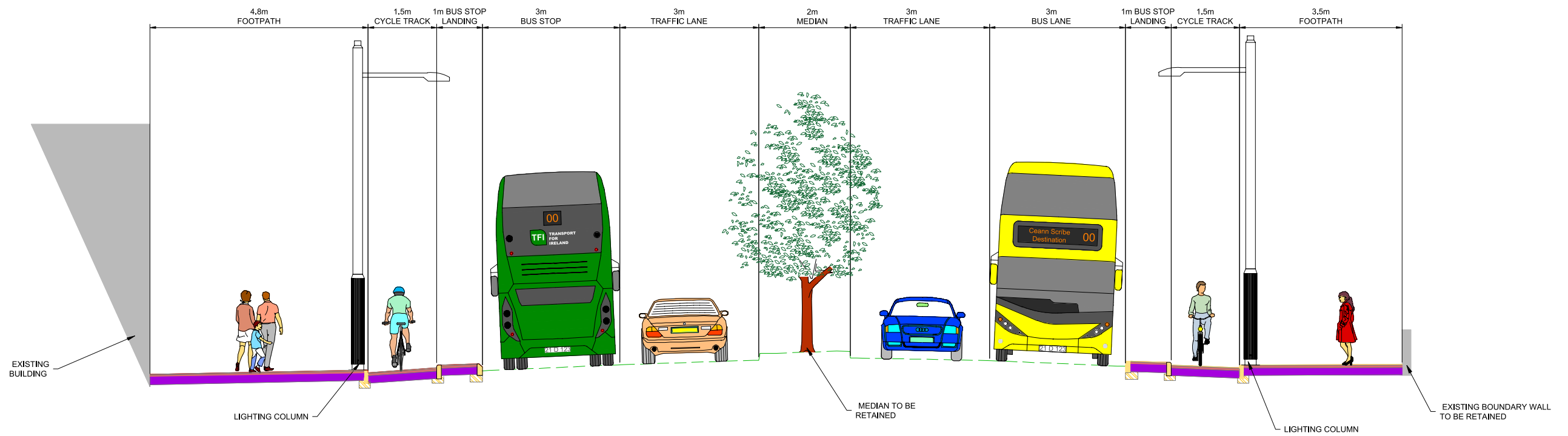
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Date	Scale	Drawn	Checked	Approved
06/04/2023	1:50 @ A1 1:100 @ A3	FM	IL	HOS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-GEO_CS-0002_XX_00-DR-CR-0017	17 of 20	A	M01

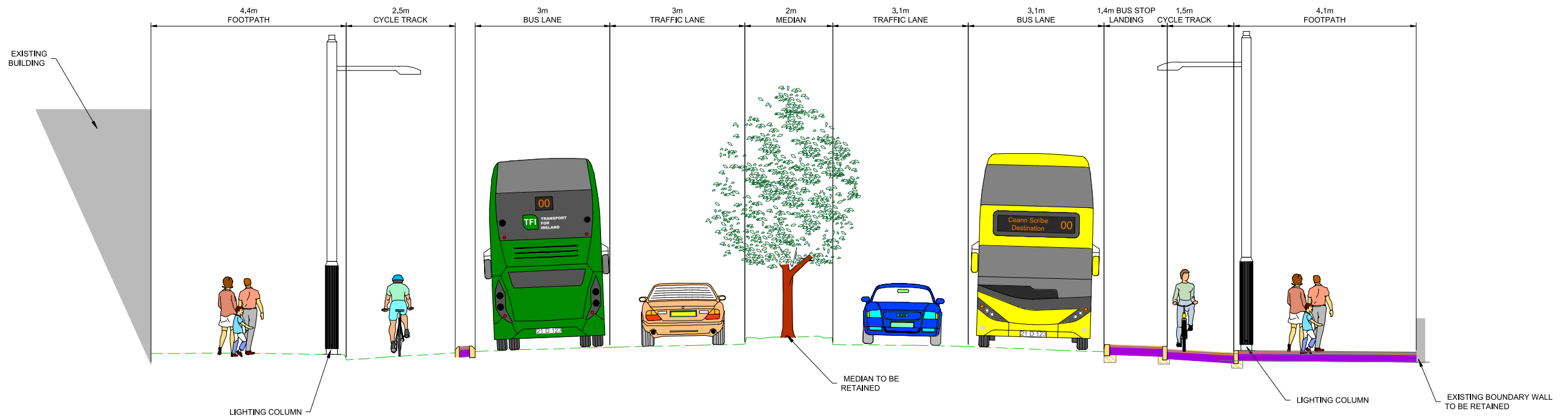
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TYPICAL SECTION AI-AI
SWORDS ROAD

LOCATED ON GA SHEET 34
DRAWING REF: BCIDB-JAC-GEO_GA-0002_XX_00-DR-CR-0034



TYPICAL SECTION AJ-AJ
SWORDS ROAD

LOCATED ON GA SHEET 34
DRAWING REF: BCIDB-JAC-GEO_GA-0002_XX_00-DR-CR-0034

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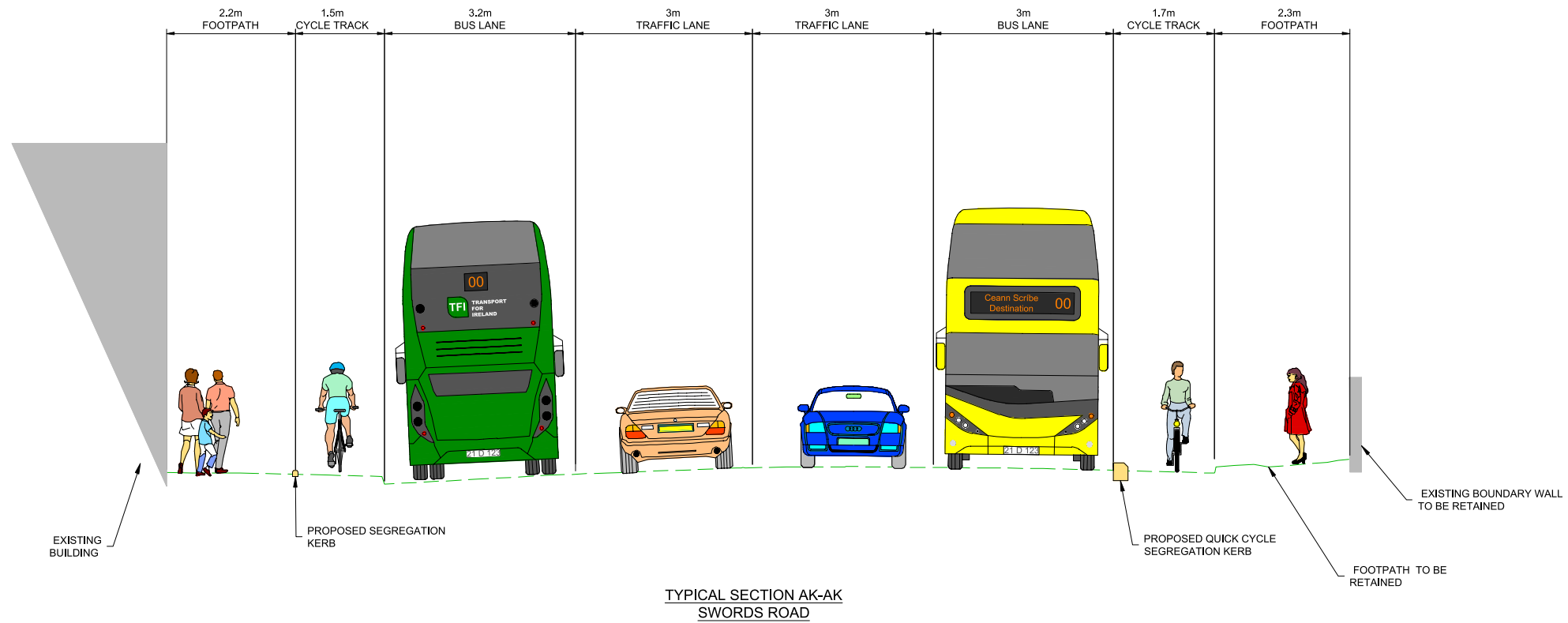
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	M01	06/04/2023	FM	IL	HOS	ISSUE FOR PHASE 4: PLANNING

Date	Scale	Drawn	Checked	Approved
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Project Code	Originator Code	QMS Code		
BCIDB	JAC			

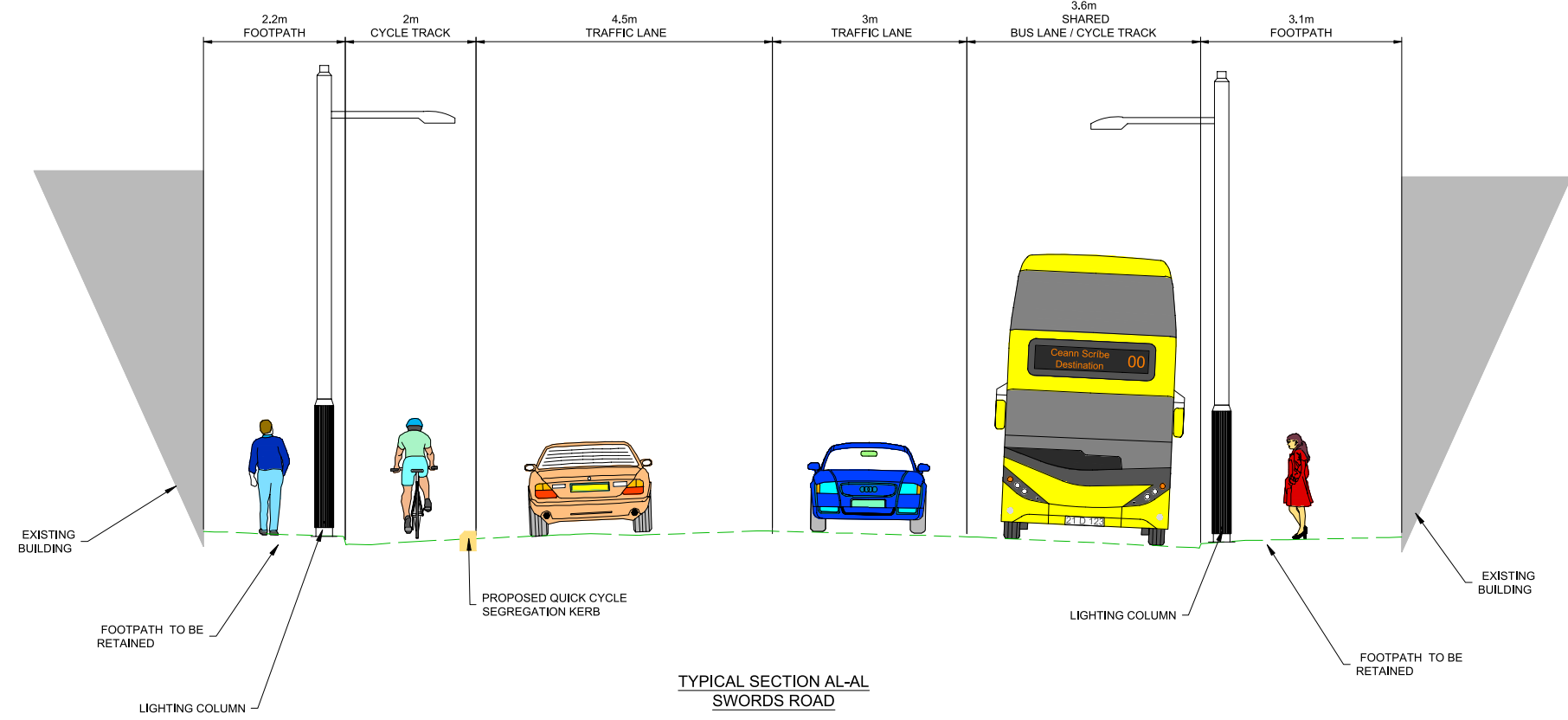
Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-GEO_CS-0002_XX_00-DR-CR-0018	18 of 20	A	M01

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TYPICAL SECTION AK-AK
SWORDS ROAD
LOCATED ON GA SHEET 35
DRAWING REF: BCIDB-JAC-GEO_GA-0002_XX_00-DR-CR-0035



TYPICAL SECTION AL-AL
SWORDS ROAD
LOCATED ON GA SHEET 37
DRAWING REF: BCIDB-JAC-GEO_GA-0002_XX_00-DR-CR-0037

- NOTES:**
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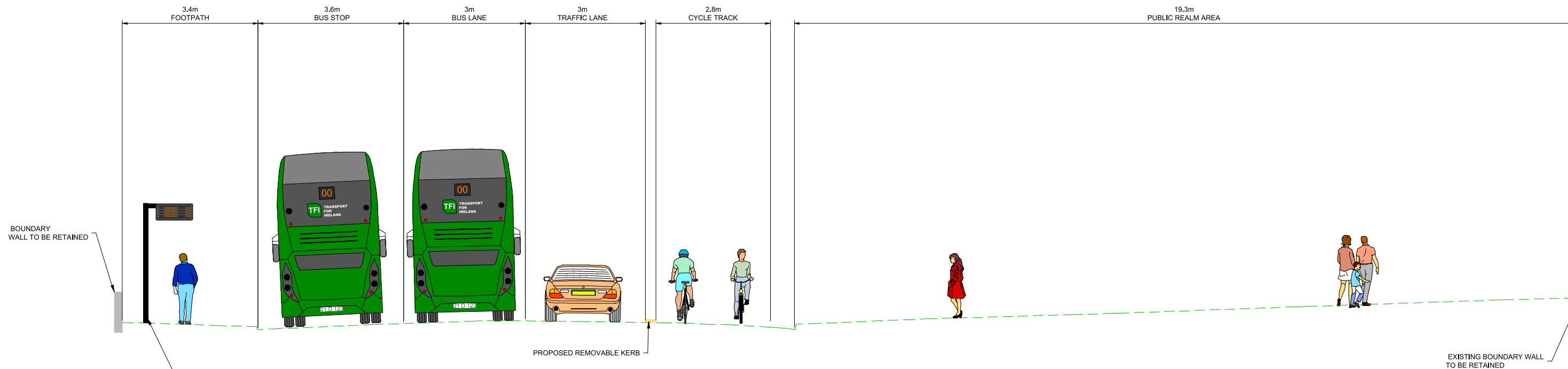
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Date	Scale	Drawn	Checked	Approved
06/04/2023	1:50 @ A1 1:100 @ A3	FM	IL	HOS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-GEO_CS-0002_XX_00-DR-CR-0019	19 of 20	A	M01

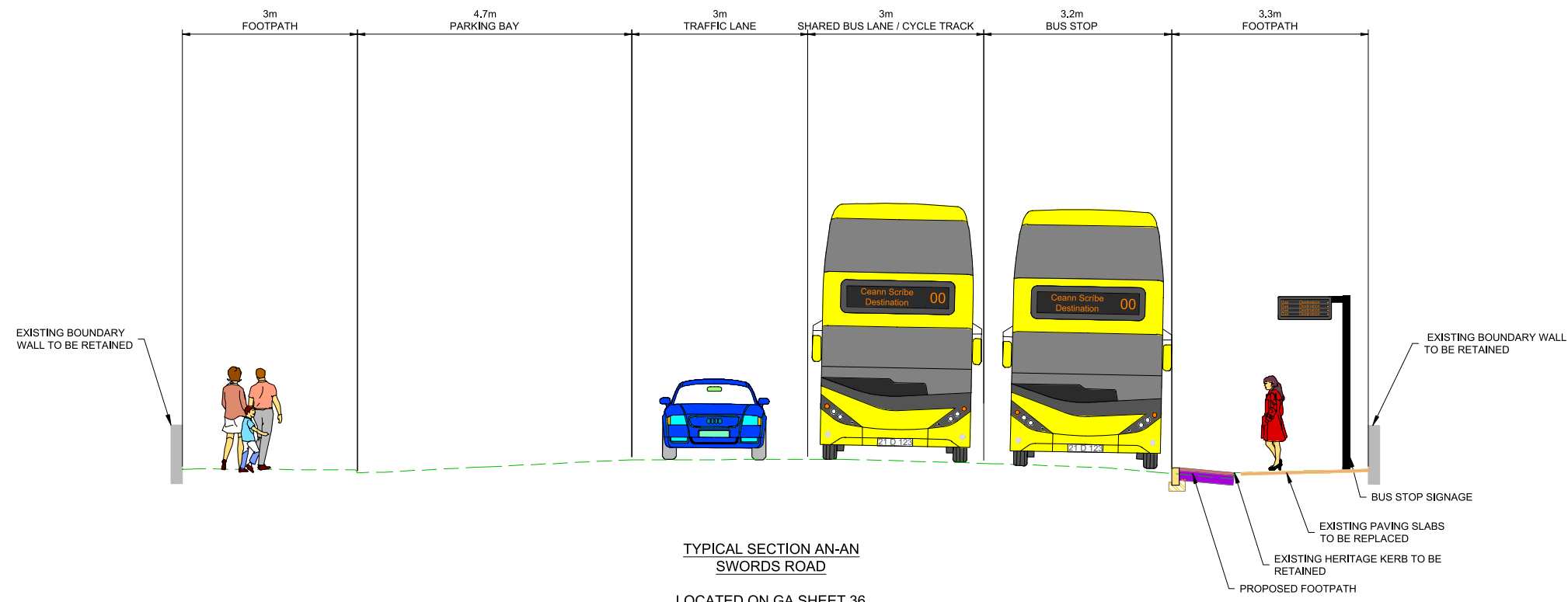
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TYPICAL SECTION AM-AM
SWORDS ROAD

LOCATED ON GA SHEET 36
DRAWING REF: BCIDB-JAC-GEO_GA-0002_XX_00-DR-CR-0036



TYPICAL SECTION AN-AN
SWORDS ROAD

LOCATED ON GA SHEET 36
DRAWING REF: BCIDB-JAC-GEO_GA-0002_XX_00-DR-CR-0036

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Date	Scale	Drawn	Checked	Approved
06/04/2023	1:50 @ A1 1:100 @ A3	FM	IL	HOS
Project Code	Originator Code	QMS Code		
BCIDB	JAC			

Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title SWORDS TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS			
Drawing File Name	Sheet Number	Status	Rev
BCIDB-JAC-GEO_CS-0002_XX_00-DR-CR-0020	20 of 20	A	M01

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