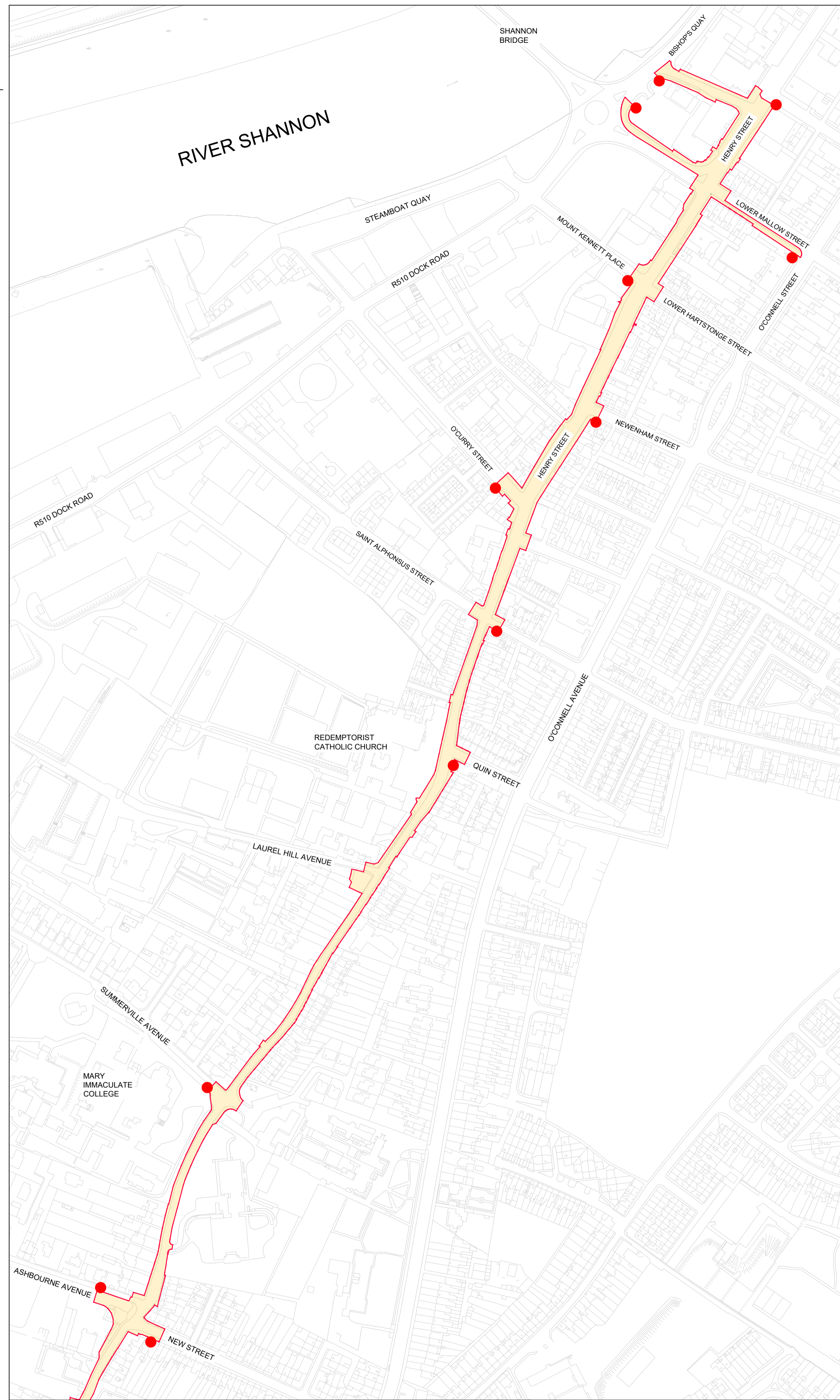
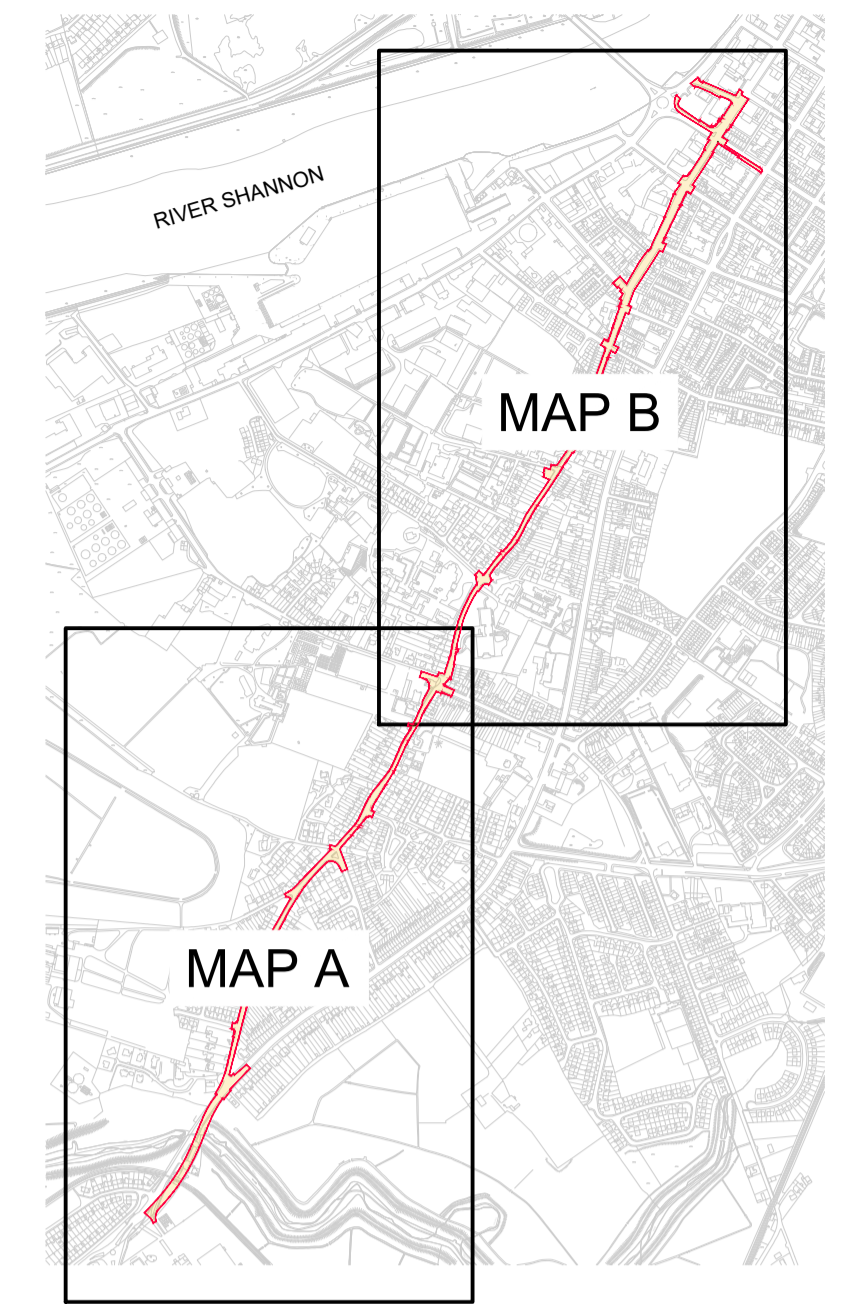




1:2,500 SITE LAYOUT PLAN - MAP A



1:2,500 SITE LAYOUT PLAN - MAP B



KEY PLAN N.T.S.

LEGEND:

- SITE NOTICE LOCATIONS ●
- WORKS BOUNDARY —



Rev	Amendment	By	Date	Rev	Amendment	By	Date
CO1	PLANNING ISSUE	SB	2022.09.21				

Rev	Amendment	By	Date	Rev	Amendment	By	Date

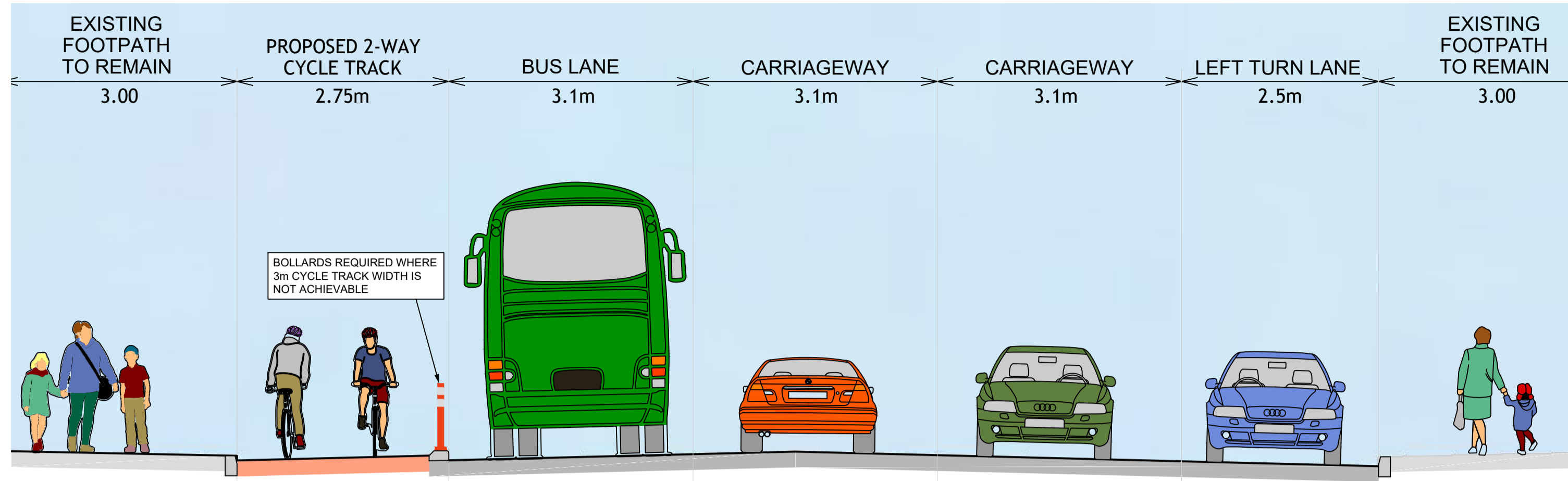
Client: **Comhairle Cathrach & Coriatae Lúdarinnigh**
Limerick City & County Council

NTA
Udarás Náisiúnta Iompartha
National Transport Authority

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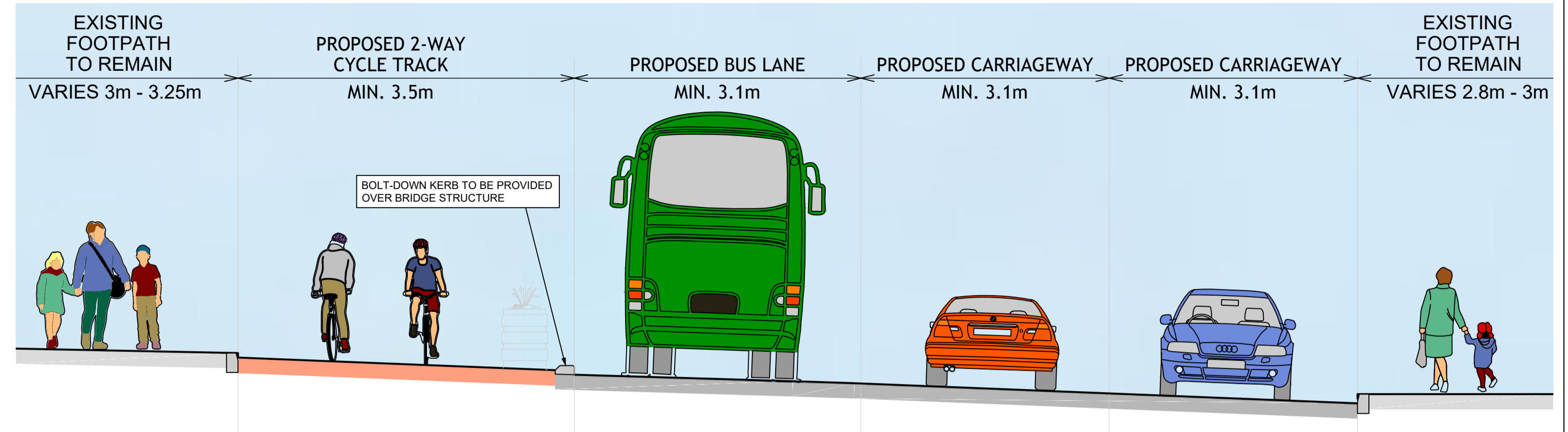
97 Henry Street, Limerick, V94 YC2H
t +353 61 221 200 | w punchconsulting.com

Project: SOUTH CIRCULAR ROAD TO BISHOPS QUAY CYCLE SCHEME					
Title: SITE LOCATION PLAN					
Drawn: S Buckley	Date drawn: September 2022	Technician Check: S Buckley	Engineer Check: J Tierman	Approved: J Tierman	
Project No: 211101	Model Ref: 211101-PUNCH-02-XX-M2-C-0418	Document Ref: 211101-PUNCH-02-XX-DR-C-0418	Drawing Status: AO	Revision No: C01	
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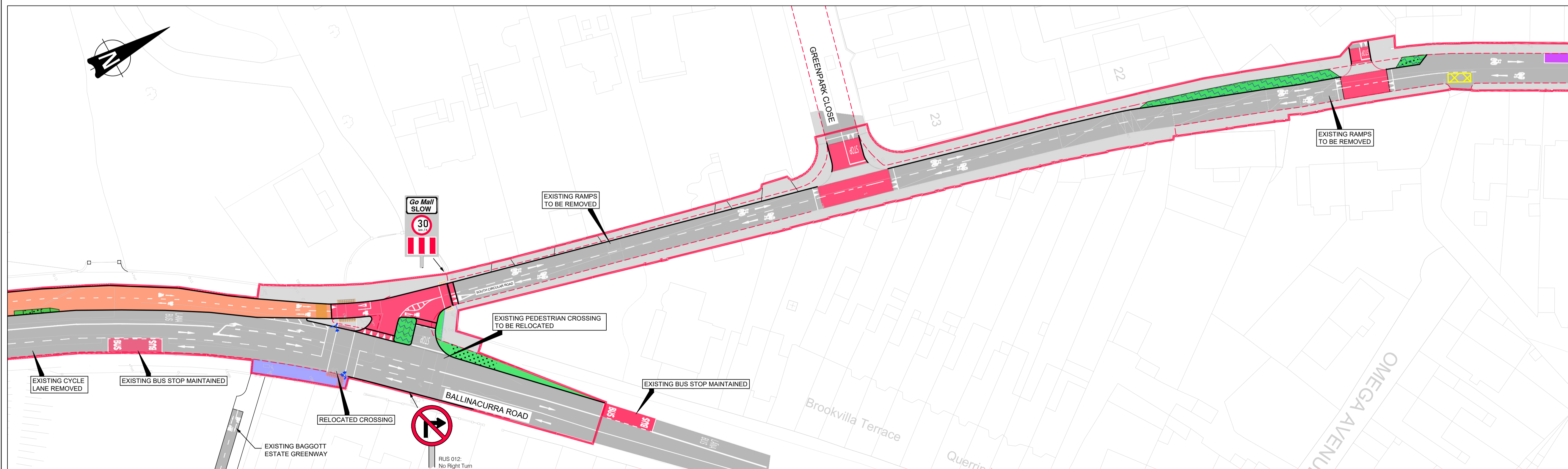
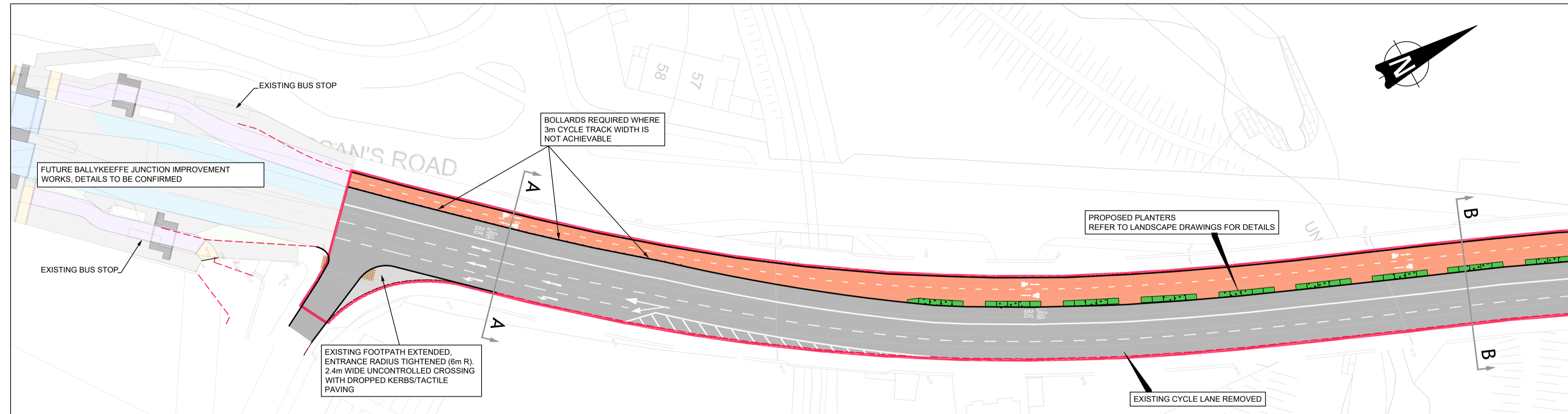
Typical Cross Section at Left Turn Lane Into Crescent SC (A-A)

Scale h: 1/50, V: 1/50



Typical Cross Section St. Nessans Road/Ballinacurra Road (B-B)

Scale h: 1/50, V: 1/50



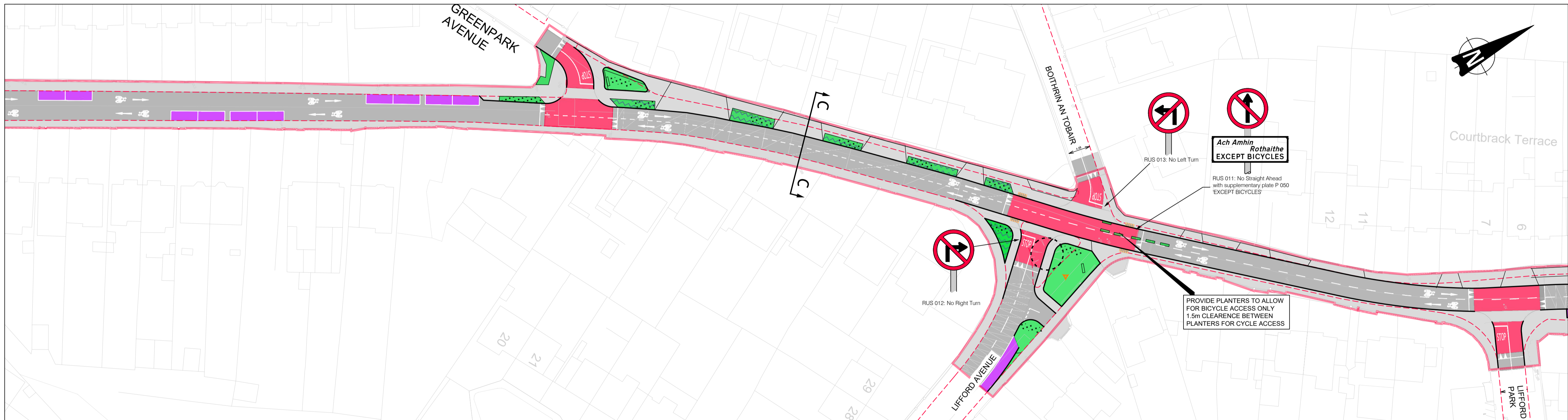
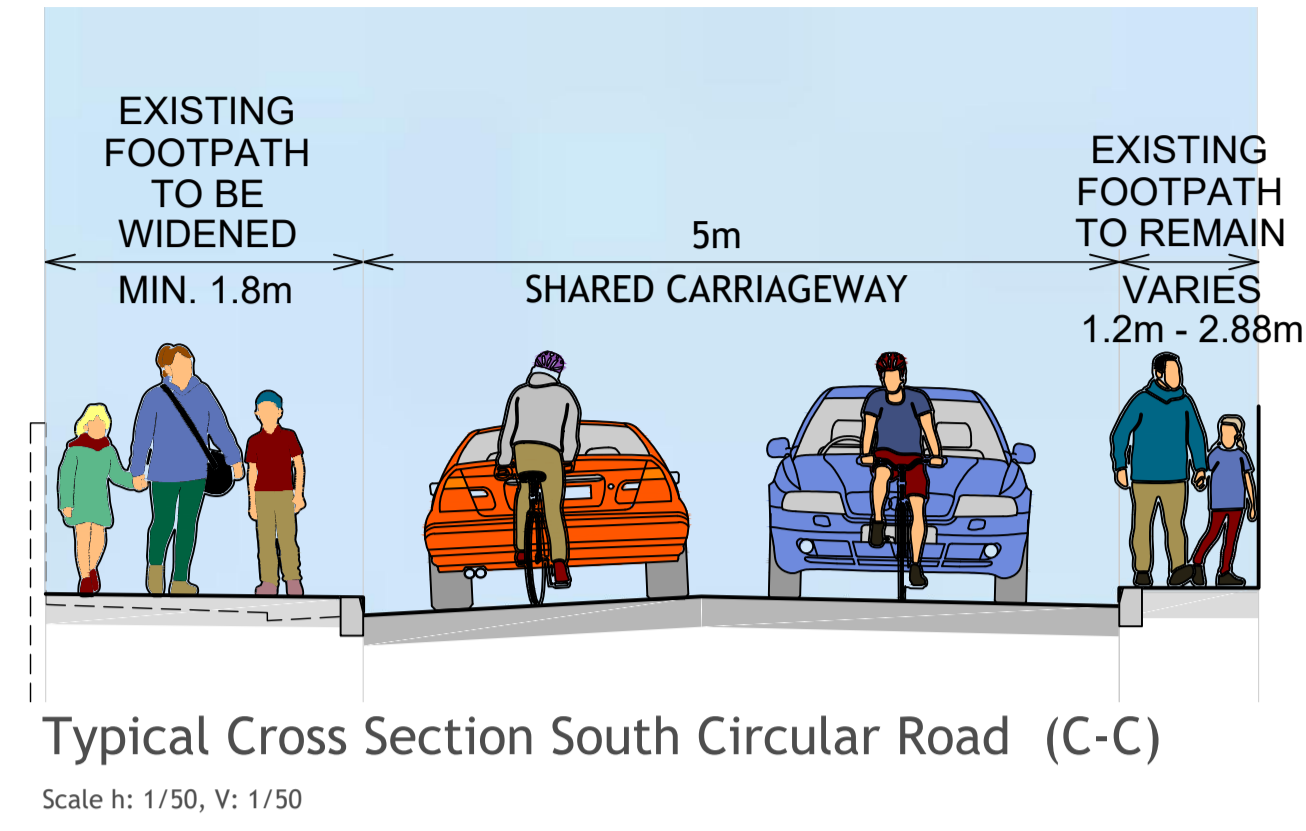
ROAD MARKING AND SIGNAGE LEGEND	
DESCRIPTION	*DTSM REF
RESURFACED CARRIAGEWAY	
YELLOW BOX MARKINGS	
PROPOSED TWO-WAY CYCLE TRACK	
PROPOSED/MODIFIED FOOTPATH	
PROPOSED SHARED SURFACE REFER TO LANDSCAPE ARCHITECTS DRAWINGS FOR FINAL DETAILS	
PARKING AREA	
PROPOSED LANDSCAPED AREA POSSIBLE OPPORTUNITY FOR SUDS MEASURES REFER TO LANDSCAPE ARCHITECTS DRAWINGS FOR FINAL DETAILS	
PROPOSED RAISED TABLE JUNCTION	
PROPOSED BOLLARDS	
PROPOSED KERB LINE	
PROPOSED BIKE PARKING STAND	
EXISTING KERB LINE	
EXISTING ROAD GULLY	
EXTENT OF WORKS	

*DTSM: DEPARTMENT OF TRANSPORT TRAFFIC SIGNS MANUAL

- NOTES:**
- SIGNAGE TO BE CONFIRMED AT DETAILED DESIGN STAGE. ALL ROAD SIGNAGE TO COMPLY WITH THE DEPARTMENT OF TRANSPORT TRAFFIC SIGNS MANUAL.
 - SIGN POLES MAX. DIAMETER 89mm. WHERE PEDESTRIANS ARE LIKELY TO WALK UNDER THE SIGN, THE DESIRABLE MOUNTING HEIGHT IS 2200mm. WHERE CYCLISTS ARE LIKELY TO PASS UNDER THE SIGN, THE DESIRABLE MOUNTING HEIGHT IS 2500mm.
 - RETENTION SOCKETS TO BE USED ON ALL SIGN POLES.
 - ALL ROAD SIGNAGE TO BE AGREED WITH THE LOCAL AUTHORITY.
 - LOCATION OF SIGNAGE TO BE AGREED, ON SITE, WITH THE LOCAL AUTHORITY BEFORE ERECTING.
 - REFER TO DRAWINGS FOR LOCATIONS OF TACTILE PAVING.
 - PROPOSED BESPOKE LEFT-TURN YIELD SIGNAGE.
- EXISTING TOPOGRAPHICAL SURVEY TAKEN FROM DRAWINGS 21-103-01 to 07 (DATED 23-02-2021)

Rev	By	Date	Rev	By	Date
CO1	SB	2022.09.21			

Amendment	By	Date



ROAD MARKING AND SIGNAGE LEGEND	
DESCRIPTION	*DTSM REF
RESURFACED CARRIAGEWAY	
YELLOW BOX MARKINGS	
PROPOSED TWO-WAY CYCLE TRACK	
PROPOSED/MODIFIED FOOTPATH	
PROPOSED SHARED SURFACE REFER TO LANDSCAPE ARCHITECTS DRAWINGS FOR FINAL DETAILS	
PARKING AREA	
PROPOSED LANDSCAPED AREA POSSIBLE OPPORTUNITY FOR SuDS MEASURES REFER TO LANDSCAPE ARCHITECTS DRAWINGS FOR FINAL DETAILS	
PROPOSED RAISED TABLE JUNCTION	
PROPOSED BOLLARDS	
PROPOSED KERB LINE	
PROPOSED BIKE PARKING STAND	
EXISTING KERB LINE	
EXISTING ROAD GULLY	
EXTENT OF WORKS	

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 - REFER TO DRAWINGS FOR LOCATIONS OF TACTILE PAVING
 - PROPOSED RESPONSE LEFT-TURN YIELD SIGNAGE



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COLOUR DRAWING

NSAI Certified

Rev	Amendment	By	Date	Rev	Amendment	By	Date
CO1	PLANNING ISSUE	SB	2022.09.21				

Client: **Comhairle Cathrach & Contae Limerick**
Limerick City & County Council

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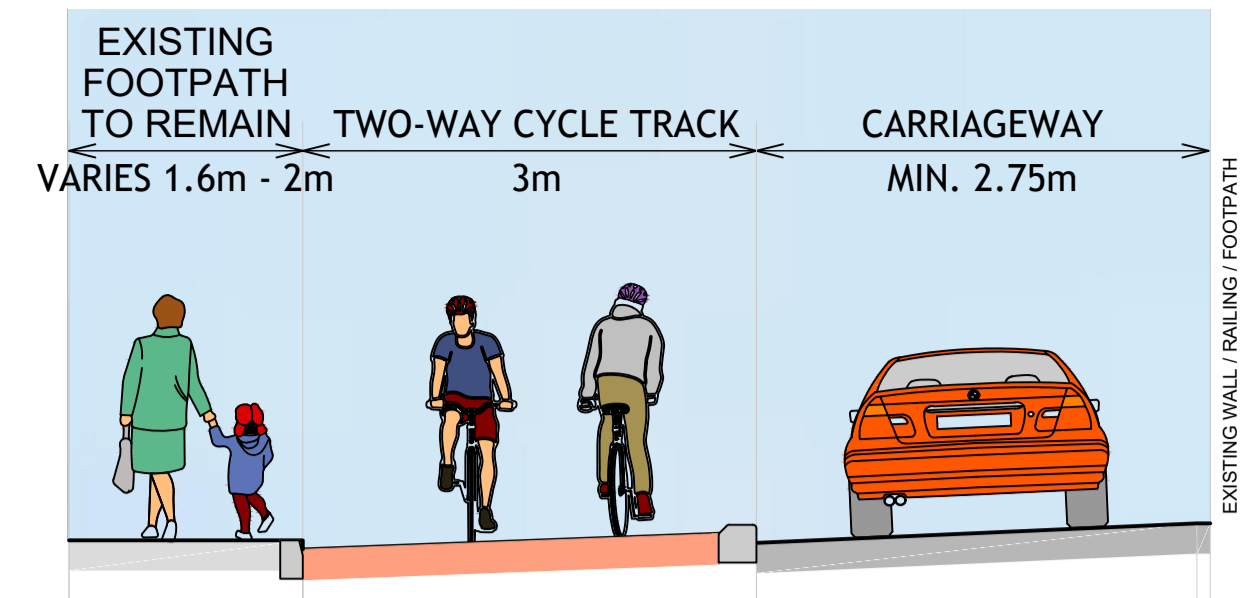
NTA
Udaras Náisiúnta Iompartha
National Transport Authority

Project: **SOUTH CIRCULAR ROAD TO BISHOPS QUAY CYCLE SCHEME**
Title: **1:500 ROADS LAYOUT - SHEET 2 OF 5**

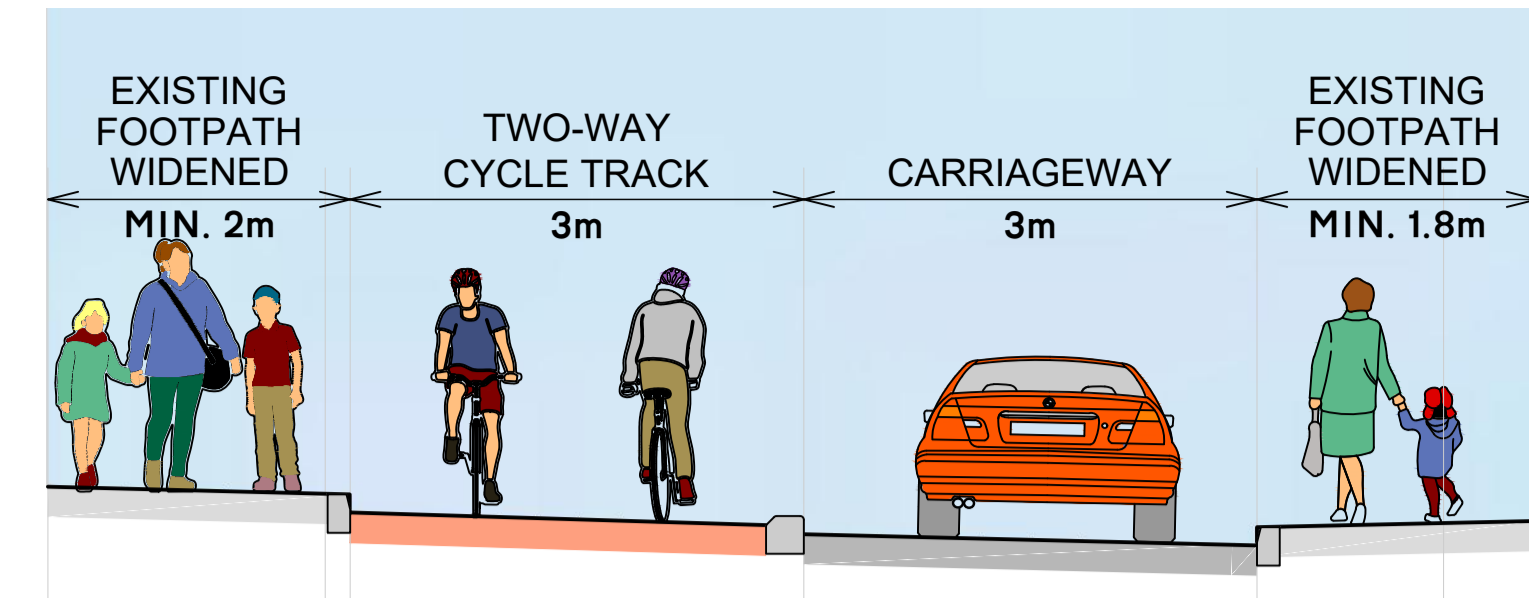
Drawn: S Buckley
Date drawn: February 2021
Technician Check: S Buckley
Engineer Check: J Tierman
Approved: J Tierman

Project No: 211101
Model Ref: 211101-PUNCH-02-XX-M2-C-0400-0405
Drawing Status: AO

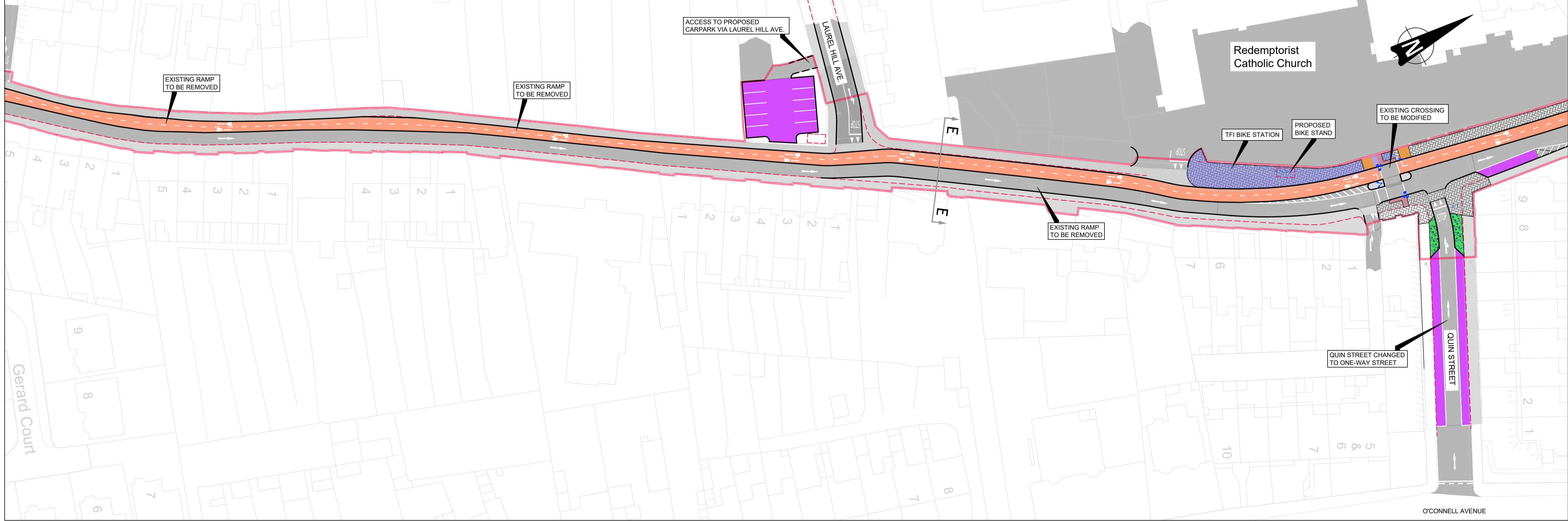
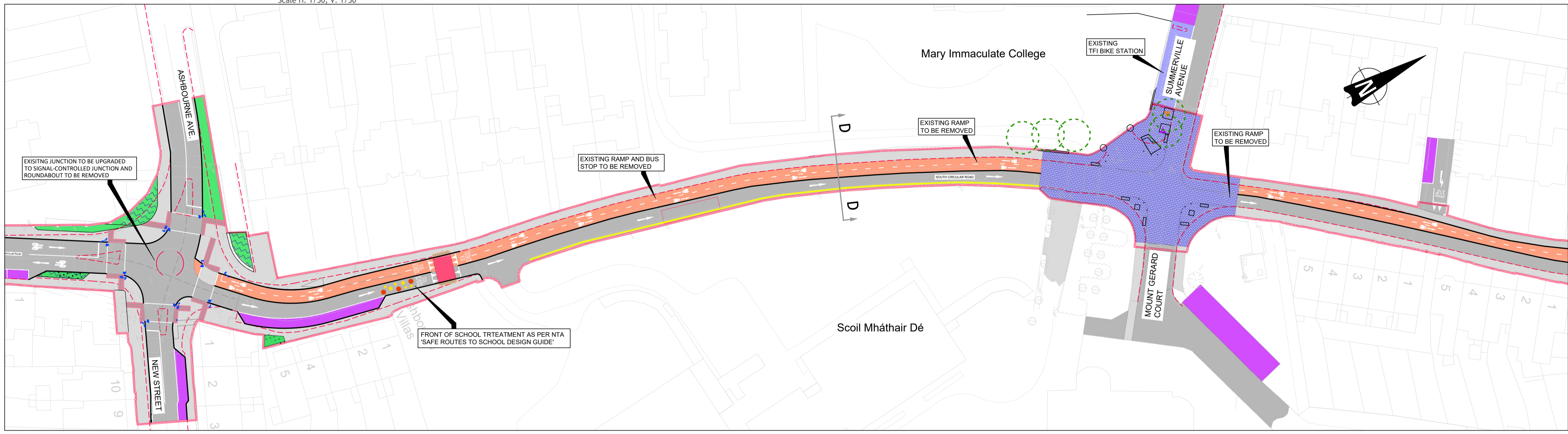
Scale @ A1: 1:500
Document No: 211101-PUNCH-02-XX-DR-C-0402
Revision No: C01



Typical Cross Section SCR between Fennessy's Junction and Laurel Hill Avenue (D-D)
Scale H: 1/50, V: 1/50



Typical Cross Section SCR - between Laurel Hill Avenue and Henry Street (E-E)
Scale H: 1/50, V: 1/50

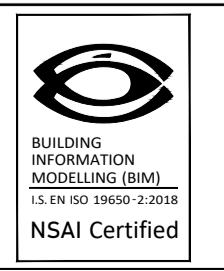


ROAD MARKING AND SIGNAGE LEGEND	
DESCRIPTION	*DTTSM REF
RESURFACED CARRIAGEWAY	Grey shaded area
YELLOW BOX MARKINGS	Yellow hatched box
PROPOSED TWO-WAY CYCLE TRACK	Orange hatched area
PROPOSED/MODIFIED FOOTPATH	Light blue hatched area
PROPOSED SHARED SURFACE REFER TO LANDSCAPE ARCHITECTS DRAWINGS FOR FINAL DETAILS	Blue hatched area
PARKING AREA	Purple hatched area
PROPOSED LANDSCAPED AREA POSSIBLE OPPORTUNITY FOR SUDS MEASURES REFER TO LANDSCAPE ARCHITECTS DRAWINGS FOR FINAL DETAILS	Green hatched area
PROPOSED RAISED TABLE JUNCTION	Red hatched area
PROPOSED BOLLARDS	Red dashed line
PROPOSED KERB LINE	Red solid line
PROPOSED BIKE PARKING STAND	Red dashed line with dots
EXISTING KERB LINE	Red dashed line with dots
EXISTING ROAD GULLY	Red dashed line with dots
EXTENT OF WORKS	Red solid line

*DTTSM: DEPARTMENT OF TRANSPORT TRAFFIC SIGNS MANUAL

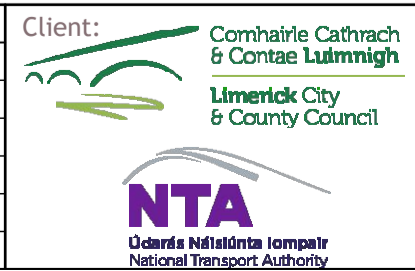
- NOTES:**
- SIGNAGE TO BE CONFIRMED AT DETAILED DESIGN STAGE
ALL ROAD SIGNAGE TO COMPLY WITH THE DEPARTMENT OF TRANSPORT TRAFFIC SIGNS MANUAL
 - SIGN POLES MAX. DIAMETER 89mm.
WHERE PEDESTRIANS ARE LIKELY TO WALK UNDER THE SIGN, THE DESIRABLE MOUNTING HEIGHT IS 2300mm. WHERE CYCLISTS ARE LIKELY TO PASS UNDER THE SIGN, THE DESIRABLE MOUNTING HEIGHT IS 2500mm.
 - RETENTION SOCKETS TO BE USED ON ALL SIGN POLES
 - ALL ROAD SIGNAGE TO BE AGREED WITH THE LOCAL AUTHORITY BEFORE ERECTING.
 - LOCATION OF SIGNAGE TO BE AGREED, ON SITE, WITH THE LOCAL AUTHORITY BEFORE ERECTING.
 - REFER TO DRAWINGS FOR LOCATIONS OF TACTILE PAVING
 - PROPOSED RESPONSE LEFT-TURN YIELD SIGNAGE

EXISTING TOPOGRAPHICAL SURVEY TAKEN FROM DRAWINGS 21-103-01 TO 07 (DATED 23-02-2021)

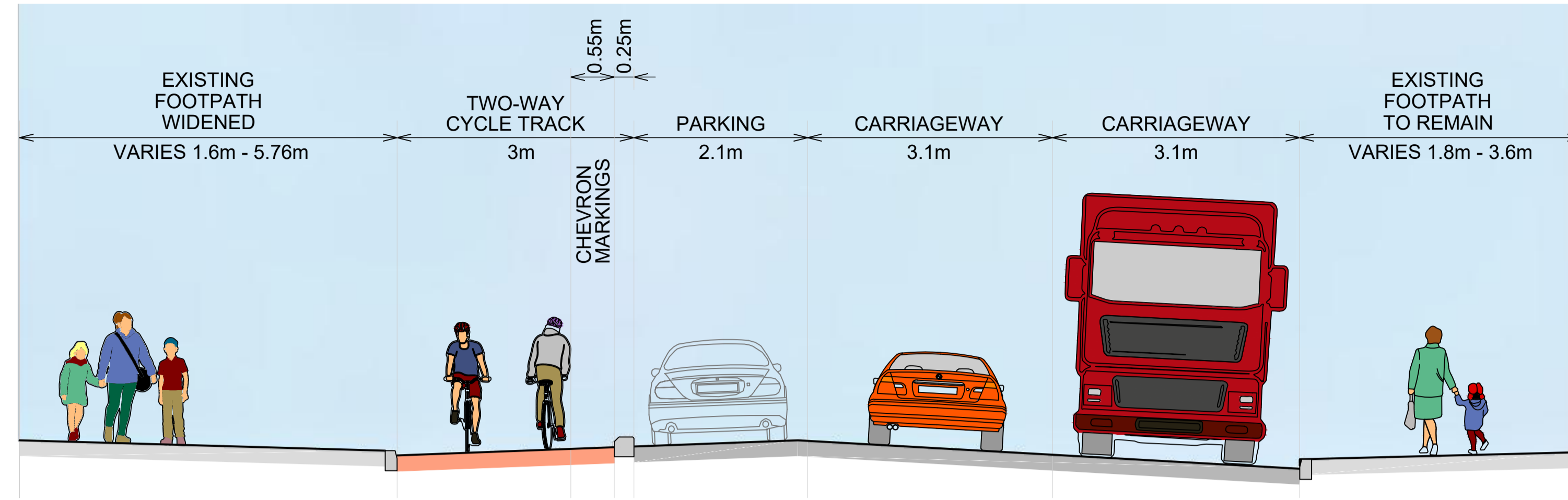


Rev	Amendment	By	Date	Rev	Amendment	By	Date
CO1	PLANNING ISSUE	SB	2022.09.21				

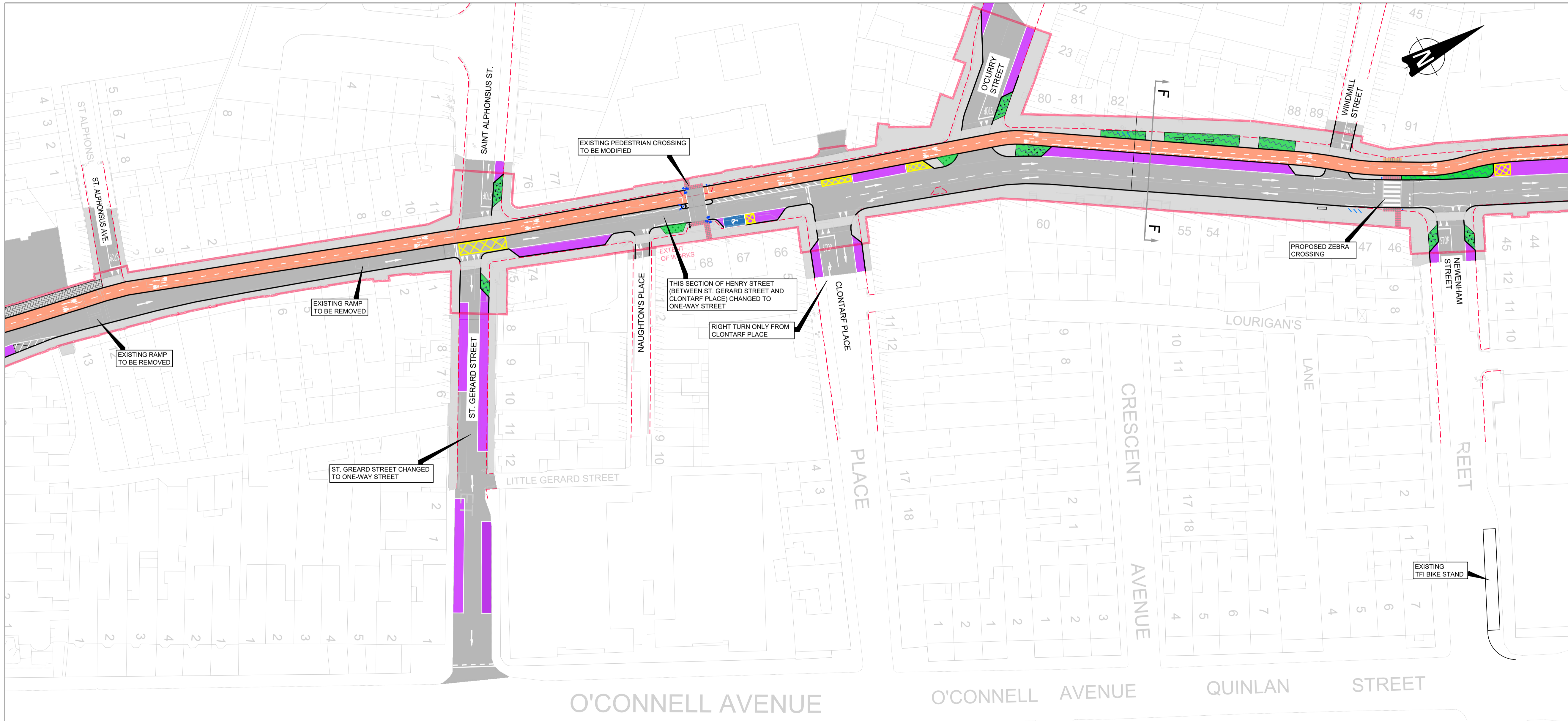
Rev	Amendment	By	Date



Project: SOUTH CIRCULAR ROAD TO BISHOPS QUAY CYCLE SCHEME			
Title: 1:500 ROADS LAYOUT - SHEET 3 OF 5			
Drawn: S Buckley	Date drawn: February 2021	Technician Check: J Tierman	Approved: J Tierman
Project No: 211101	Model Ref: 211101-PUNCH-02-XX-M2-C-0400-0405	Drawing Status: AO	Revision No: C01
Scale @ A1: 1:500	Document No: 211101-PUNCH-02-XX-DR-C-0403		



Typical Cross Section Henry Street (F-F)
Scale H: 1/50, V: 1/50



ROAD MARKING AND SIGNAGE LEGEND	
DESCRIPTION	*DTSM REF
RESURFACED CARRIAGEWAY	
YELLOW BOX MARKINGS	
PROPOSED TWO-WAY CYCLE TRACK	
PROPOSED/MODIFIED FOOTPATH	
PROPOSED SHARED SURFACE <small>REFER TO LANDSCAPE ARCHITECTS DRAWINGS FOR FINAL DETAILS</small>	
PARKING AREA	
PROPOSED LANDSCAPED AREA <small>POSSIBLE OPPORTUNITY FOR SUDS MEASURES REFER TO LANDSCAPE ARCHITECTS DRAWINGS FOR FINAL DETAILS</small>	
PROPOSED RAISED TABLE JUNCTION	
PROPOSED BOLLARDS	
PROPOSED KERB LINE	
PROPOSED BIKE PARKING STAND	
EXISTING KERB LINE	
EXISTING ROAD GULLY	
EXTENT OF WORKS	

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 - PROPOSED RESPONSE LEFT-TURN YIELD SIGNAGE

EXISTING TOPOGRAPHICAL SURVEY TAKEN FROM DRAWINGS 21-103-01 TO 07 (DATED 23-02-2021)

Rev	Amendment	By	Date	Rev	Amendment	By	Date
CO1	PLANNING ISSUE	SB	2022.09.21				

Client: **Comhairle Cathrach & Contae Limerick**
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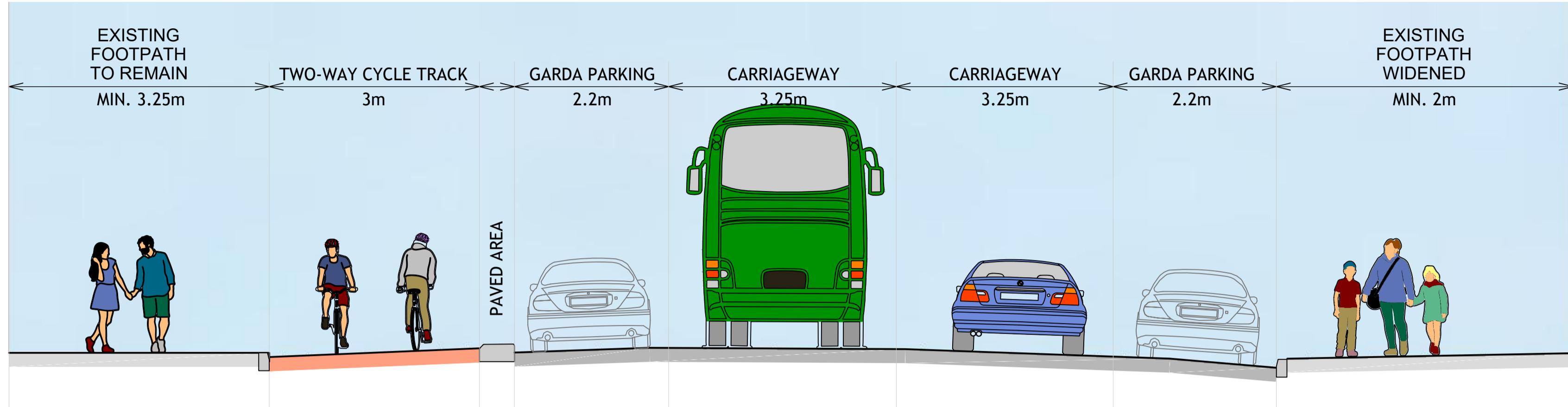
Project: SOUTH CIRCULAR ROAD TO BISHOPS QUAY CYCLE SCHEME			
Title: 1:500 ROADS LAYOUT - SHEET 4 OF 5			
Drawn: S Buckley	Date drawn: February 2021	Technician Check: S Buckley	Engineer Check: J Tierman
Project No: 211101	Model Ref: 211101-PUNCH-02-XX-M2-C-0400-0405	Drawing Status: AO	Approved: J Tierman
Scale @ A1: 1:500	Document No: 211101-PUNCH-02-XX-DR-C-0404	Revision No: C01	

ROAD MARKING AND SIGNAGE LEGEND	
DESCRIPTION	*DITSM REF
RESURFACED CARRIAGEWAY	
YELLOW BOX MARKINGS	
PROPOSED TWO-WAY CYCLE TRACK	
PROPOSED/MODIFIED FOOTPATH	
PROPOSED SHARED SURFACE REFER TO LANDSCAPE ARCHITECT'S DRAWINGS FOR FINAL DETAILS	
PARKING AREA	
PROPOSED LANDSCAPED AREA POSSIBLE OPPORTUNITY FOR SUDS MEASURES REFER TO LANDSCAPE ARCHITECT'S DRAWINGS FOR FINAL DETAILS	
PROPOSED RAISED TABLE JUNCTION	
PROPOSED BOLLARDS	
PROPOSED KERB LINE	
PROPOSED BIKE PARKING STAND	
EXISTING KERB LINE	
EXISTING ROAD GULLY	
EXTENT OF WORKS	

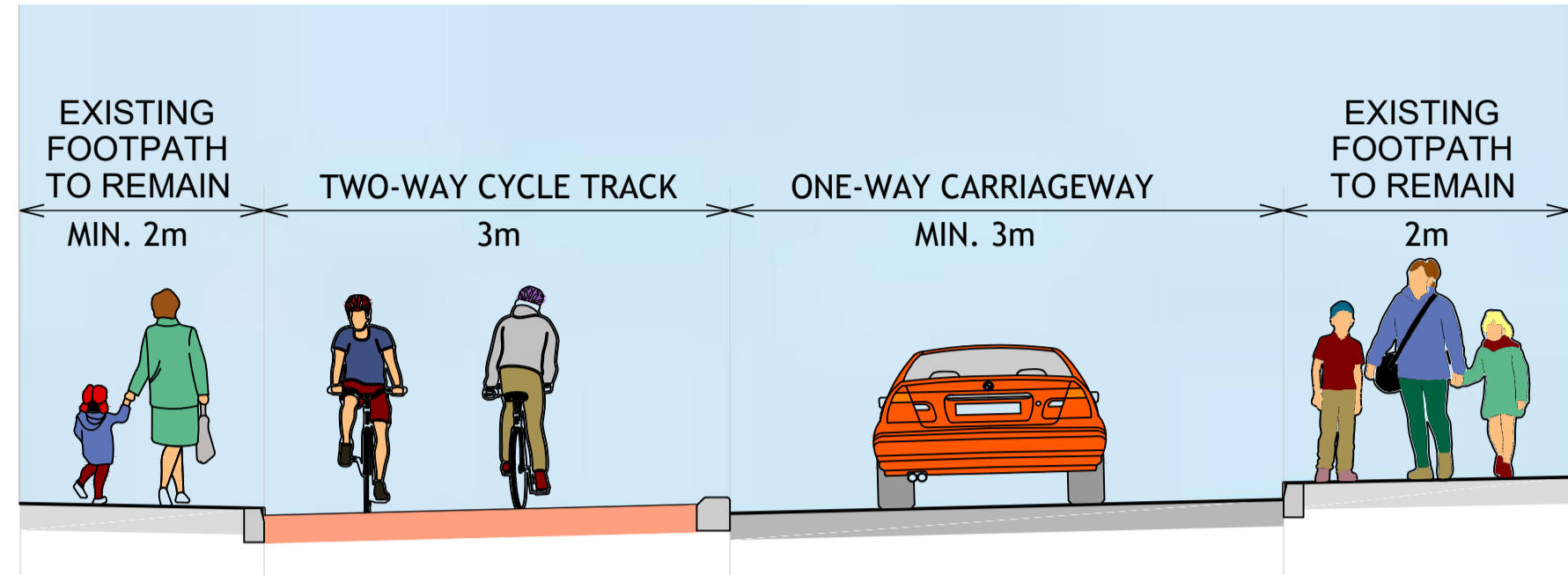
*DITSM: DEPARTMENT OF TRANSPORT TRAFFIC SIGNS MANUAL

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 - PROPOSED BESPOKE LEFT-TURN YIELD SIGNAGE.

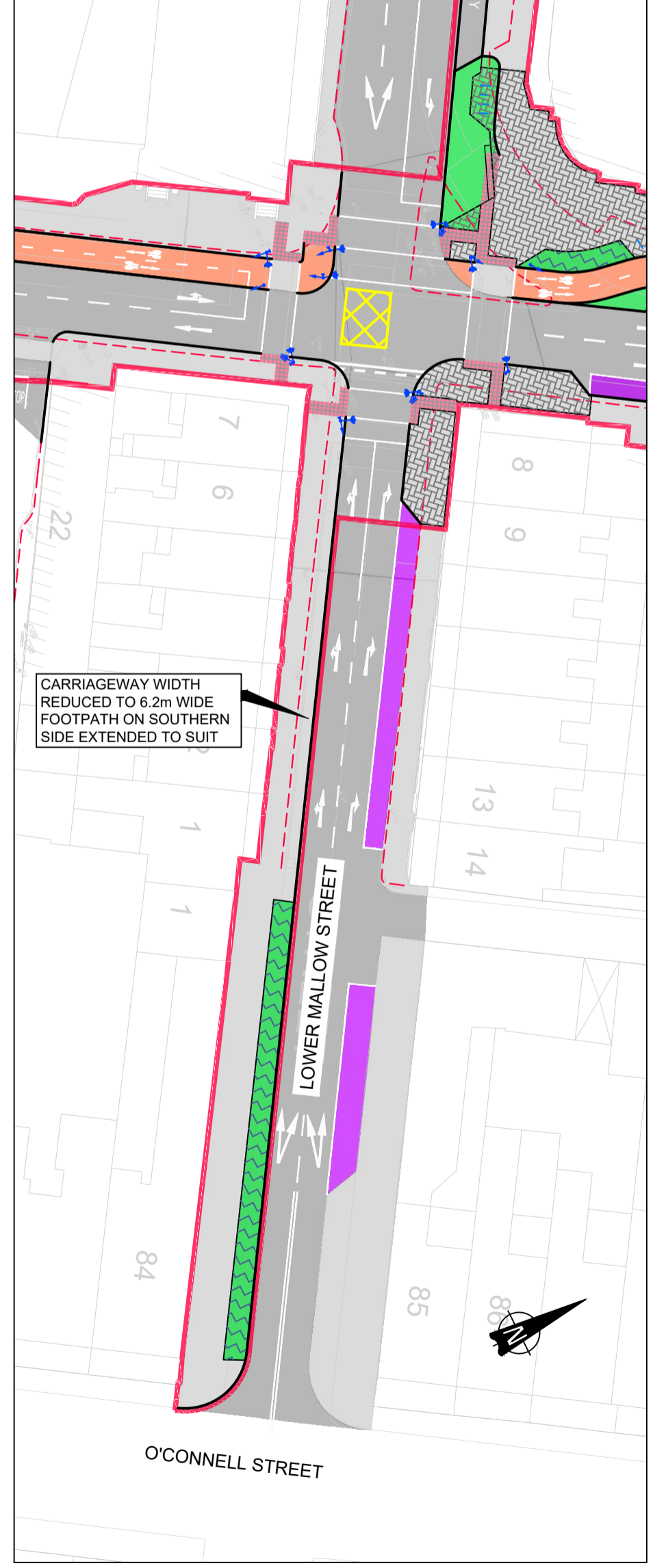
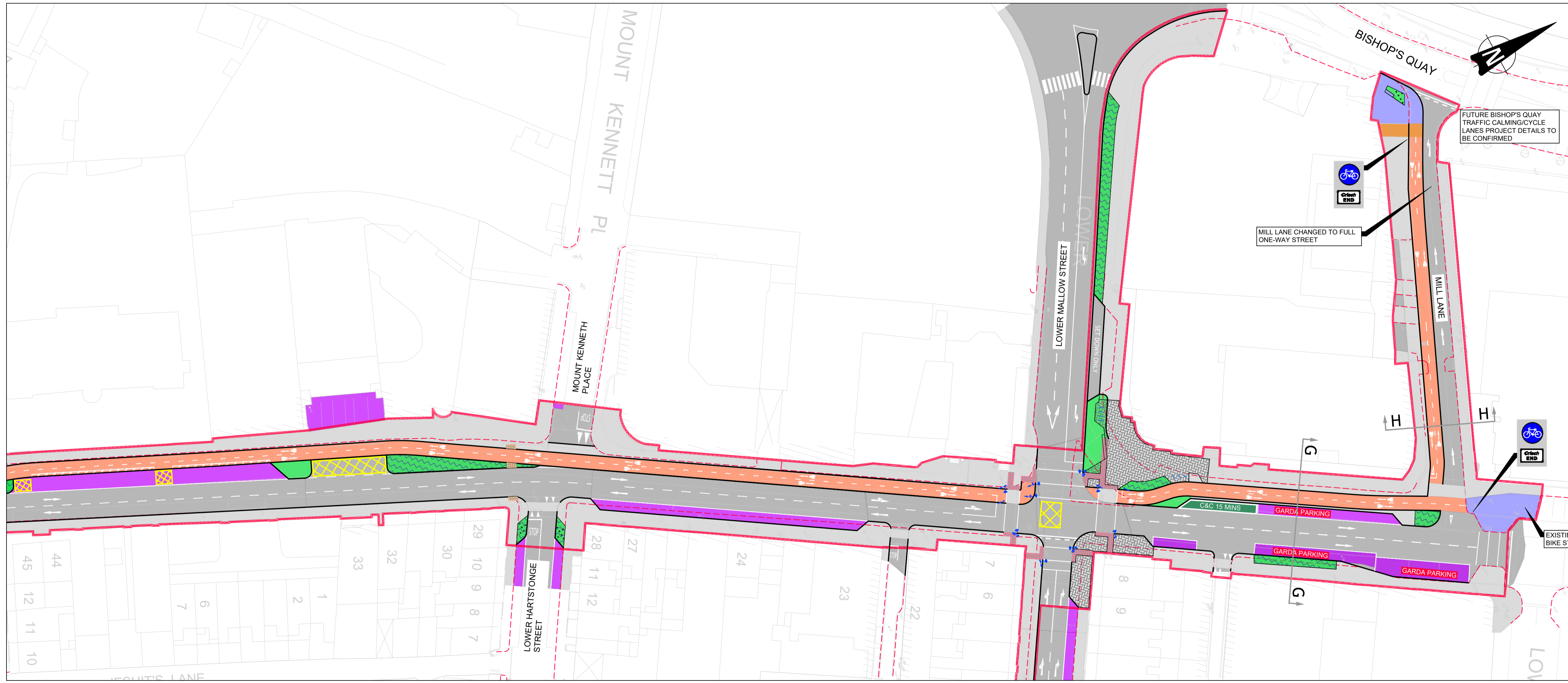
EXISTING TOPOGRAPHICAL SURVEY TAKEN FROM DRAWINGS 21-103-01 to 07 (DATED 23-02-2021)



Typical Cross Section Henry Street with Parking (G-G)
Scale H: 1/50, V: 1/75



Typical Cross Section Mill Lane (H-H)
Scale H: 1/50, V: 1/50



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COLOUR DRAWING

Rev	By	Date	Rev	By	Date
CO1	SB	2022.09.21			

Client: Comhairle Cathrach & Contae Limerick
Limerick City & County Council

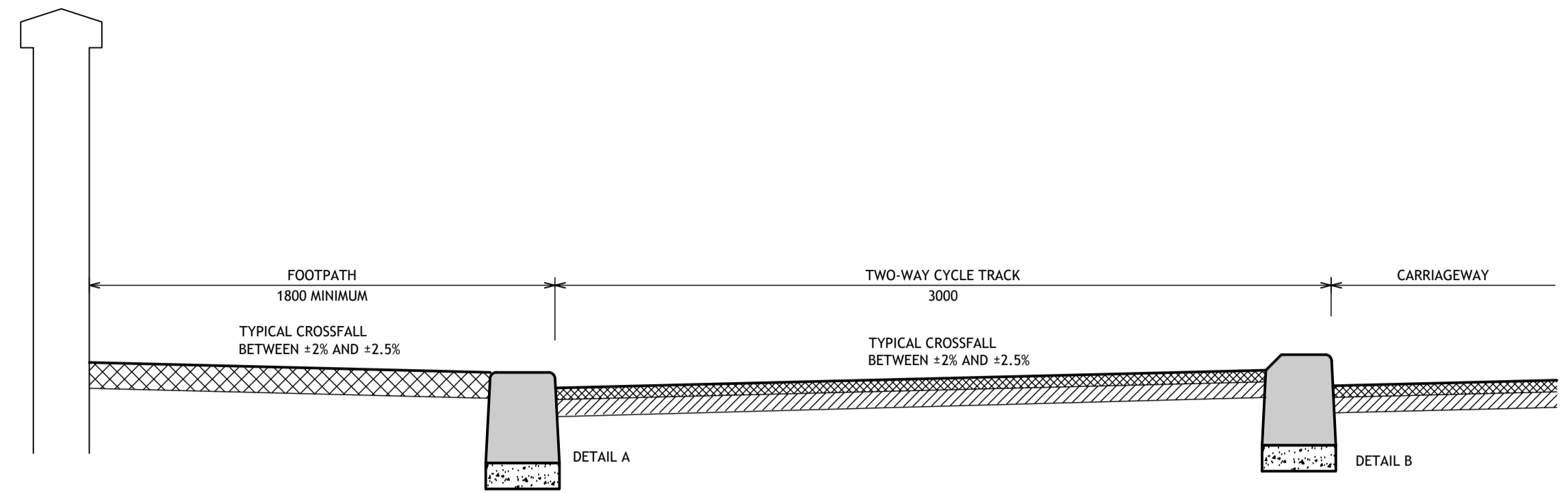
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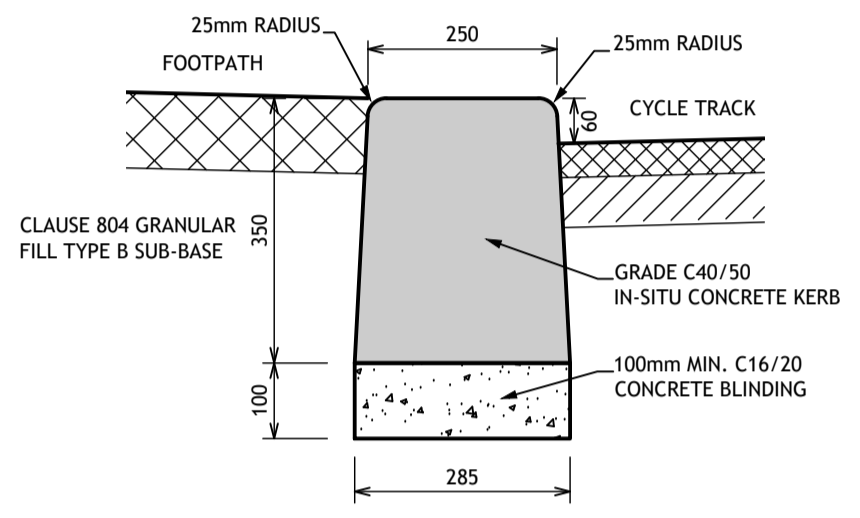
Project: SOUTH CIRCULAR ROAD TO BISHOPS QUAY CYCLE SCHEME

Title: 1:500 ROADS LAYOUT - SHEET 5 OF 5

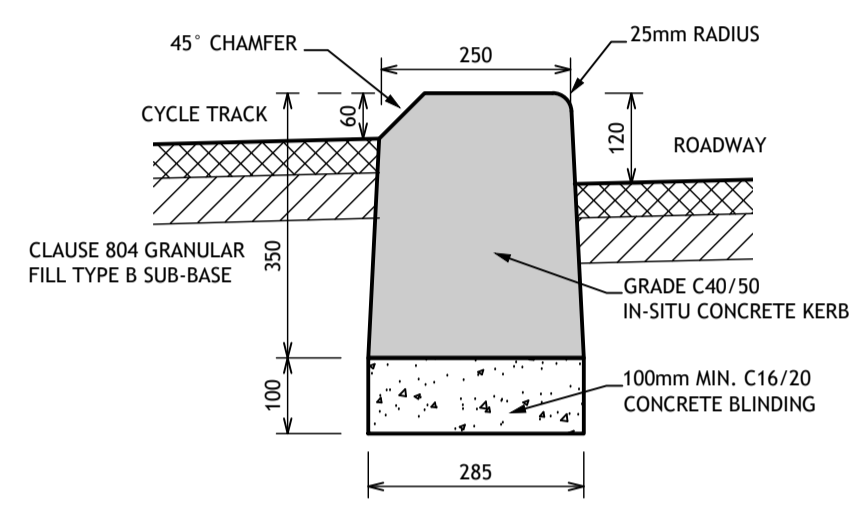
Drawn: S Buckley	Date drawn: February 2021	Technician Check: S Buckley	Engineer Check: J Tieran	Approved: J Tieran
Project No: 211101	Model Ref: 211101-PUNCH-02-XX-M2-C-0400-0405	Document No: 211101-PUNCH-02-XX-DR-C-0405	Drawing Status: AO	Revision No: C01



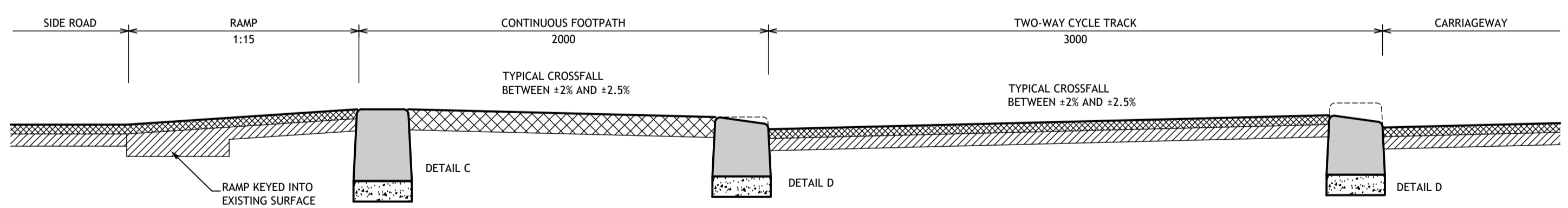
TYPICAL TWO-WAY CYCLE TRACK DETAIL
Scale: 1/20



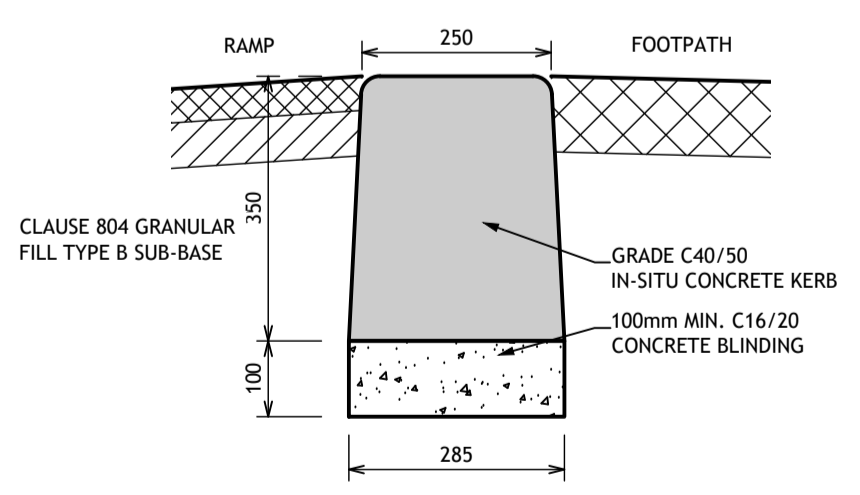
DETAIL A
TYPICAL FOOTPATH/CYCLE TRACK IN-SITU KERB
Scale: 1/10



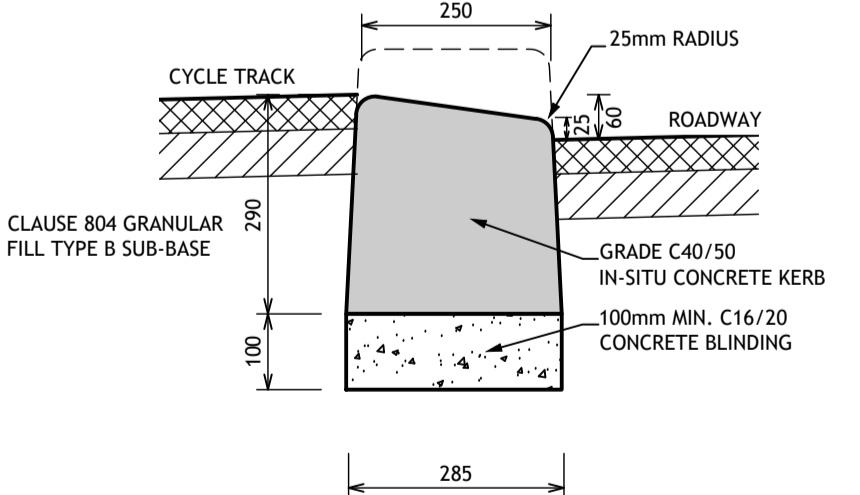
DETAIL B
TYPICAL ROAD/CYCLE TRACK IN-SITU SEGREGATION KERB
Scale: 1/10



TYPICAL SIDE ROAD ENTRY DETAIL
Scale: 1/20



DETAIL C
TYPICAL IN-SITU BEVELLED KERB
Scale: 1/10



DETAIL D
TYPICAL IN-SITU BEVELLED KERB
Scale: 1/10

NOTE:
STANDARD DETAILS WILL BE COORDINATED CITY WIDE WITH LIMERICK CITY & COUNTY COUNCIL ACTIVE TRAVEL DEPARTMENT

Rev	Amendment	By	Date	Rev	Amendment	By	Date
CO1	PLANNING ISSUE	SB	2022.09.21				

Rev	Amendment	By	Date	Rev	Amendment	By	Date

Project: SOUTH CIRCULAR ROAD TO BISHOPS QUAY							
Title: TYPICAL CROSS SECTIONS AND DETAILS							
Drawn: S Buckley	Date drawn: September 2022	Technician Check: S Buckley	Engineer Check: J Tierman	Approved: J Tierman			
Project No: 211101	Model Ref: 211101-PUNCH-02-XX-M2-C-0551	Drawing Status: AO					
Scale @ A1: As Shown	Document Ref: 211101-PUNCH-02-XX-DR-C-0551	Revision No: C01					