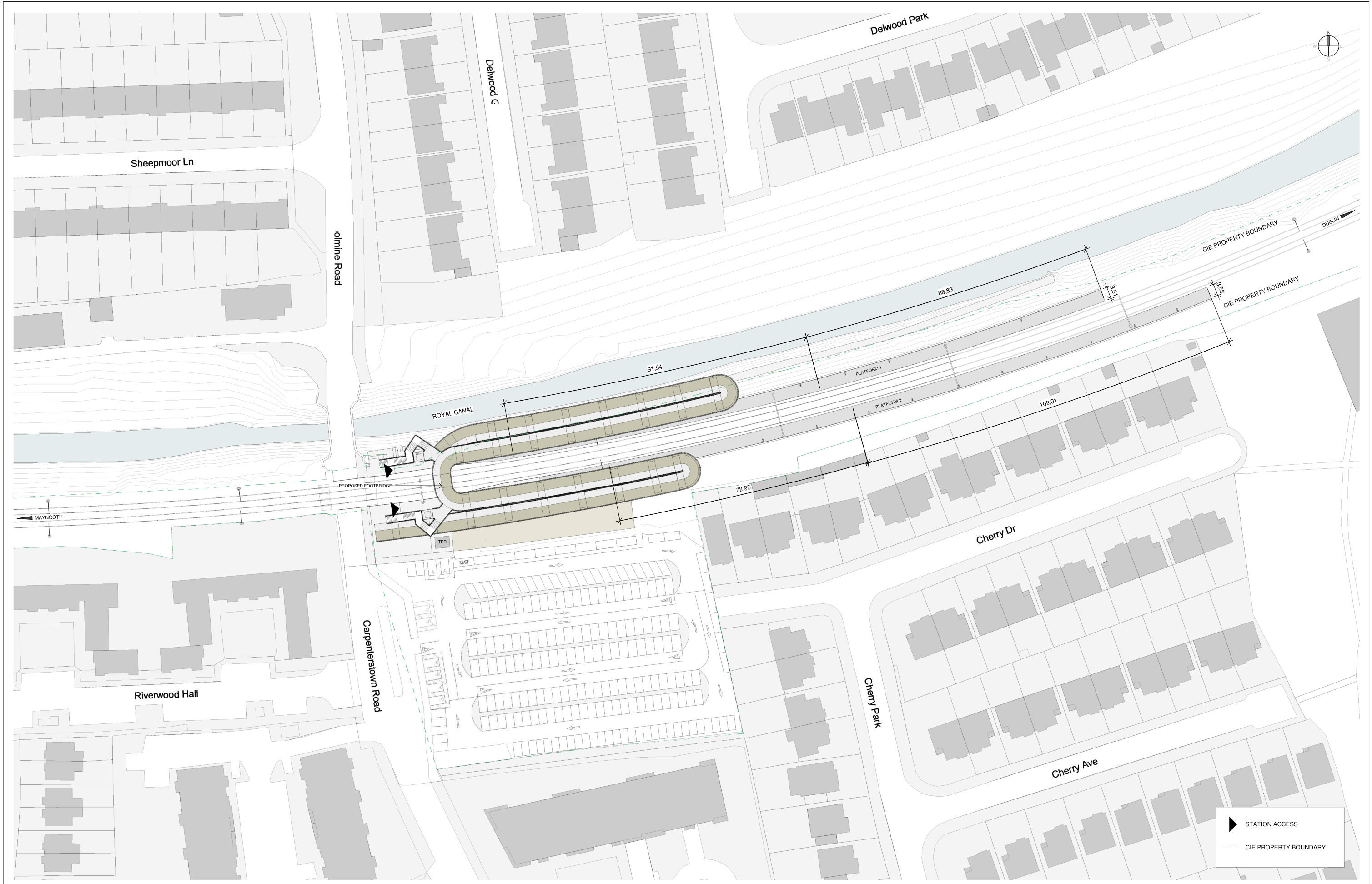
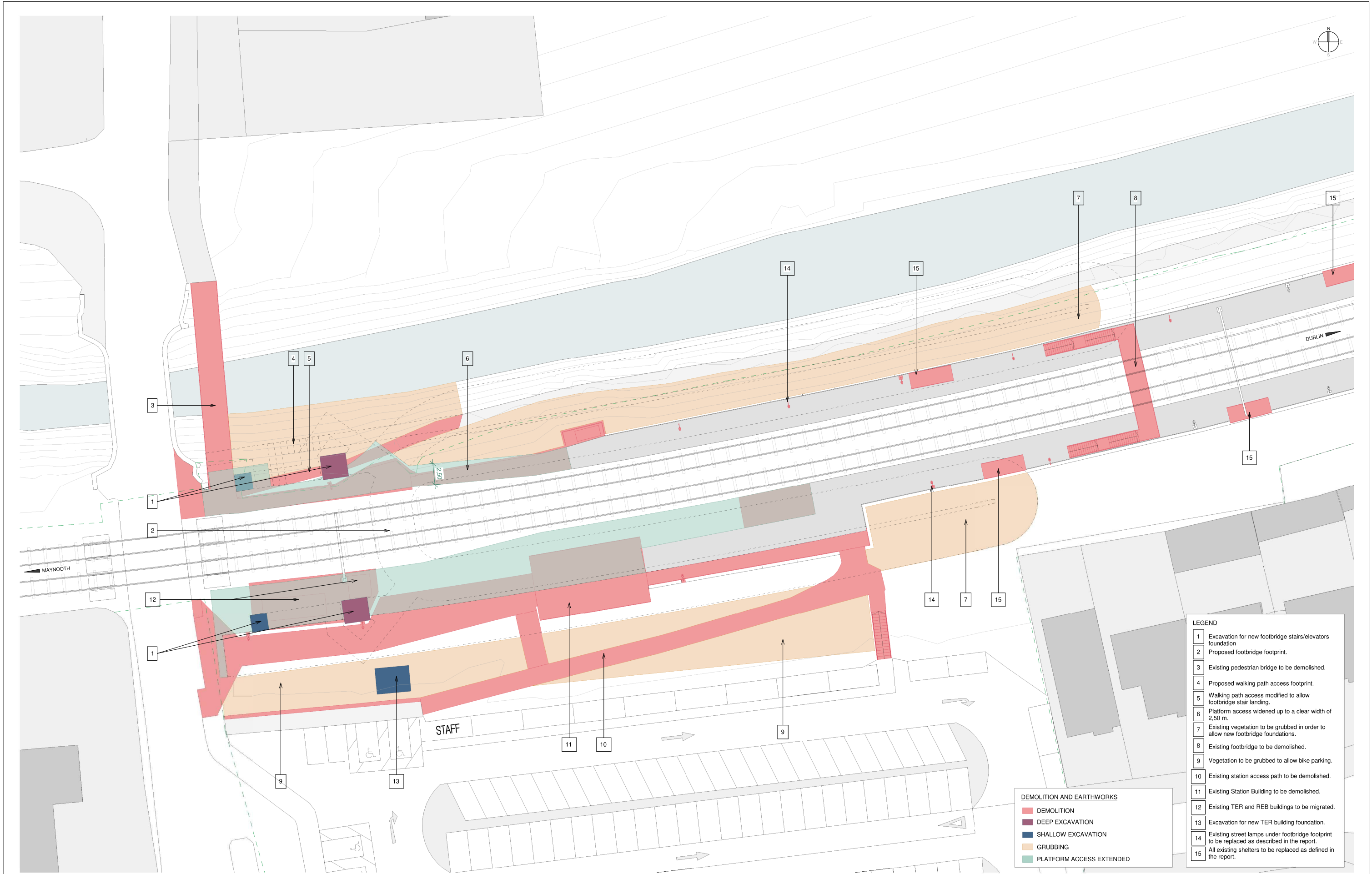




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Tionscadal Éireann Project Ireland 2040	NTA Údarás Náisiúnta Iompar National Transport Authority	Iarnród Éireann Irish Rail																					
			Drawing Title																				
STATION DESIGN COOLMINE STATION STATION LOCATION. EXISTING			Drawing Number																				
Date: AUGUST 2023			Project Originator Discipline Location Type Role Number Phase MAY MDC ARC RS10 DR A 0001 C																				
Job No: P/101086			Status: S3 - For Review & Comment																				
Rev: V02			Sheet: 1 of 2																				



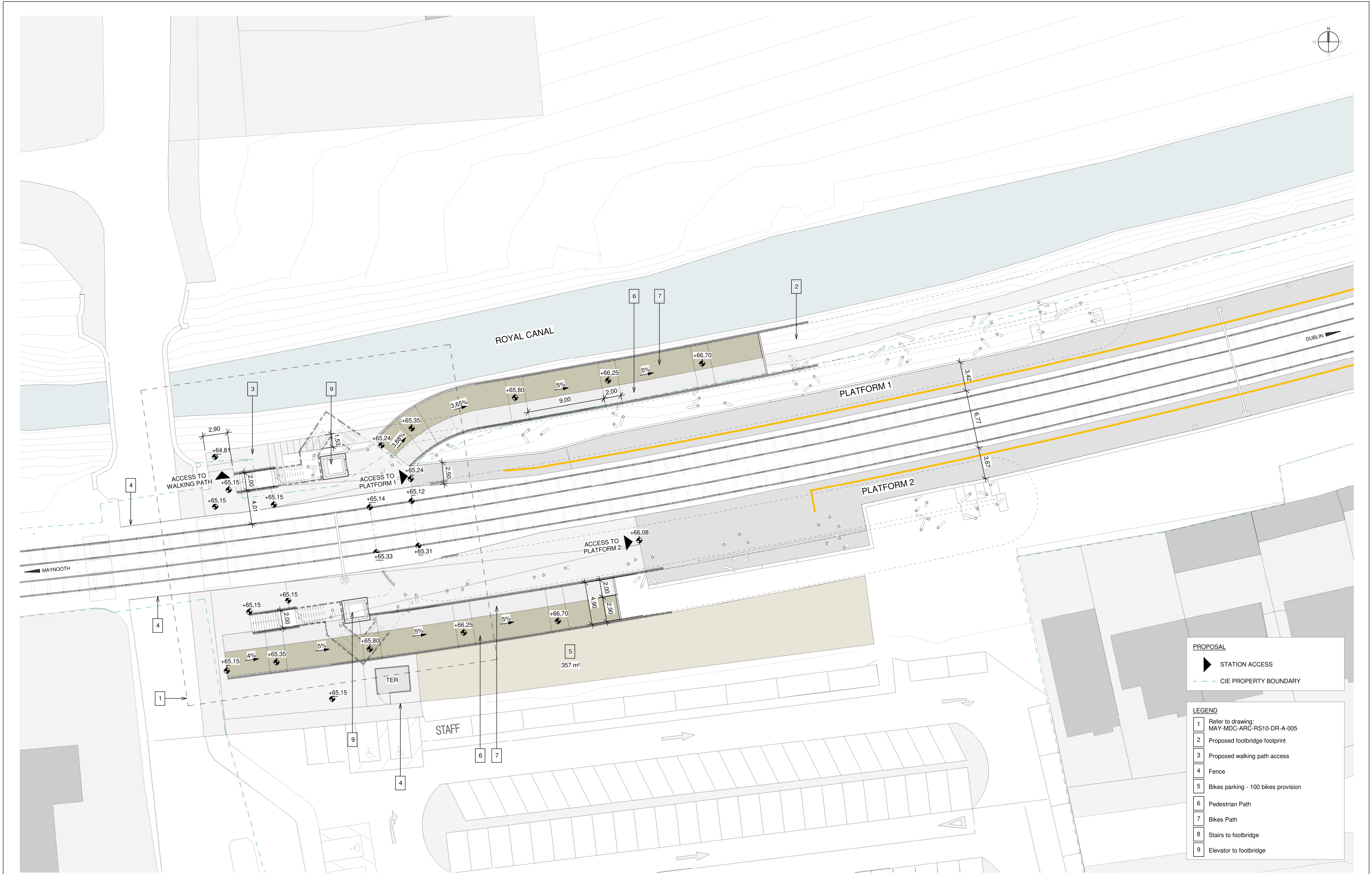
<table><tr><td>REV.</td><td>DATE</td><td>DESCRIPTION</td></tr><tr><td>V01</td><td>August 2023</td><td>Proposed Developments following Railway Order Submissions</td></tr><tr><td>V01</td><td>April 2022</td><td>PLANNING ISSUE</td></tr></table>			REV.	DATE	DESCRIPTION	V01	August 2023	Proposed Developments following Railway Order Submissions	V01	April 2022	PLANNING ISSUE	<table><tr><td>GDV</td><td>JDR</td><td>CCH</td></tr><tr><td>GDV</td><td>JDR</td><td>COH</td></tr></table>			GDV	JDR	CCH	GDV	JDR	COH	Client												
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			Drawing Title																														
<p>Scale: 1:500 @ A1</p>			<p>STATION DESIGN COOLMINE STATION STATION LOCATION, PROPOSED</p>																														
<table><tr><td>Drawing Number</td><td>Project</td><td>Originator</td><td>Discipline</td><td>Location</td><td>Type</td><td>Role</td><td>Number</td><td>Phase</td></tr><tr><td></td><td>MAY</td><td>MDC</td><td>ARC</td><td>RS10</td><td>DR</td><td>A</td><td>0001</td><td>D</td></tr></table>			Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase		MAY	MDC	ARC	RS10	DR	A	0001	D	<table><tr><td>Date:</td><td>Job No:</td><td>Status:</td><td>Rev:</td><td>Sheet:</td></tr><tr><td>AUGUST 2023</td><td>P/101086</td><td>S3 - For Review & Comment</td><td>V01</td><td>2 of 2</td></tr></table>			Date:	Job No:	Status:	Rev:	Sheet:	AUGUST 2023	P/101086	S3 - For Review & Comment	V01	2 of 2
Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase																									
	MAY	MDC	ARC	RS10	DR	A	0001	D																									
Date:	Job No:	Status:	Rev:	Sheet:																													
AUGUST 2023	P/101086	S3 - For Review & Comment	V01	2 of 2																													



- LEGEND**
- 1 Excavation for new footbridge stairs/elevators foundation
 - 2 Proposed footbridge footprint.
 - 3 Existing pedestrian bridge to be demolished.
 - 4 Proposed walking path access footprint.
 - 5 Walking path access modified to allow footbridge stair landing.
 - 6 Platform access widened up to a clear width of 2,50 m.
 - 7 Existing vegetation to be grubbed in order to allow new footbridge foundations.
 - 8 Existing footbridge to be demolished.
 - 9 Vegetation to be grubbed to allow bike parking.
 - 10 Existing station access path to be demolished.
 - 11 Existing Station Building to be demolished.
 - 12 Existing TER and REB buildings to be migrated.
 - 13 Excavation for new TER building foundation.
 - 14 Existing street lamps under footbridge footprint to be replaced as described in the report.
 - 15 All existing shelters to be replaced as defined in the report.

DEMOLITION AND EARTHWORKS

- DEMOLITION
- DEEP EXCAVATION
- SHALLOW EXCAVATION
- GRUBBING
- PLATFORM ACCESS EXTENDED



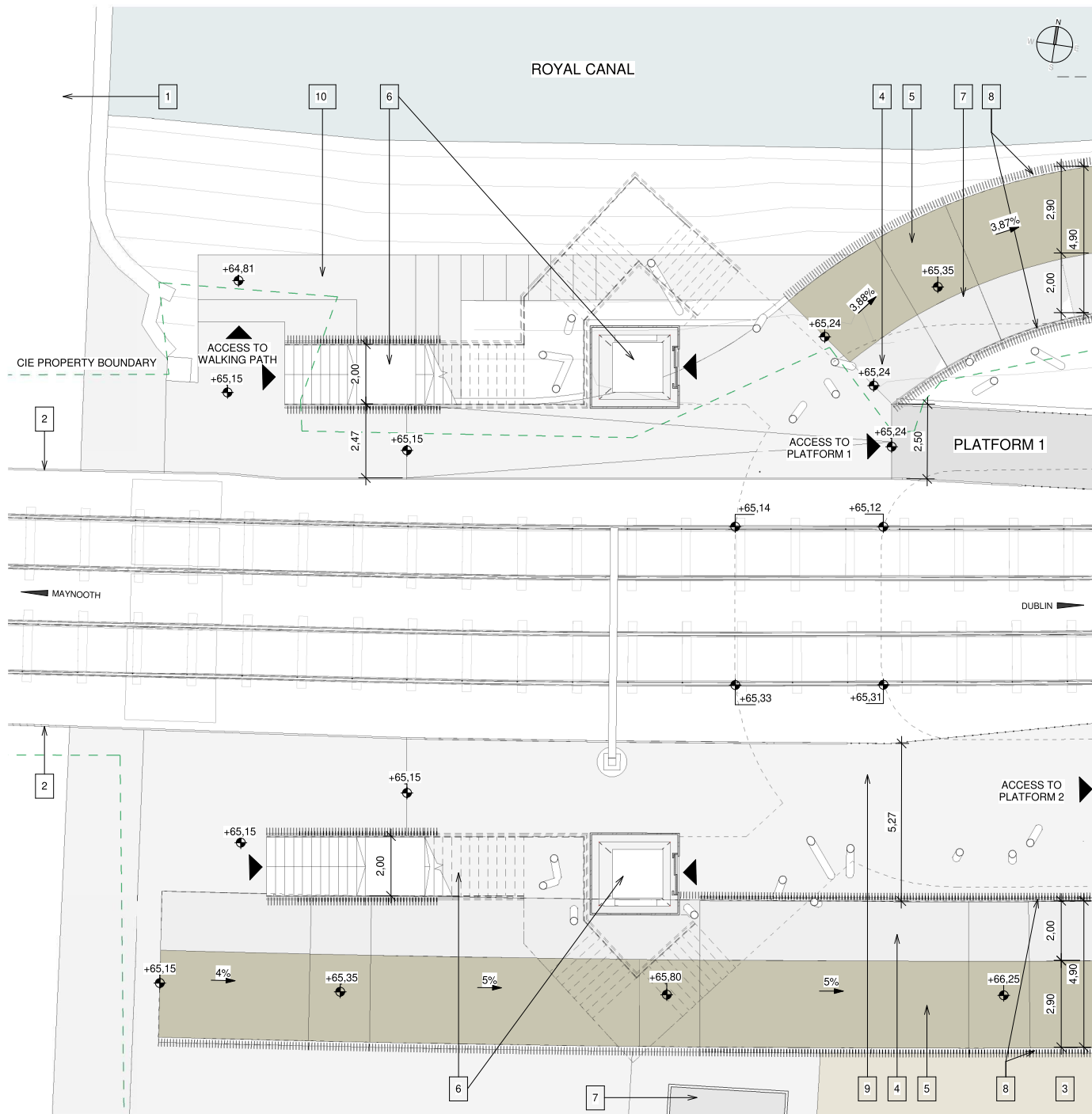
PROPOSAL

- STATION ACCESS
- CIE PROPERTY BOUNDARY

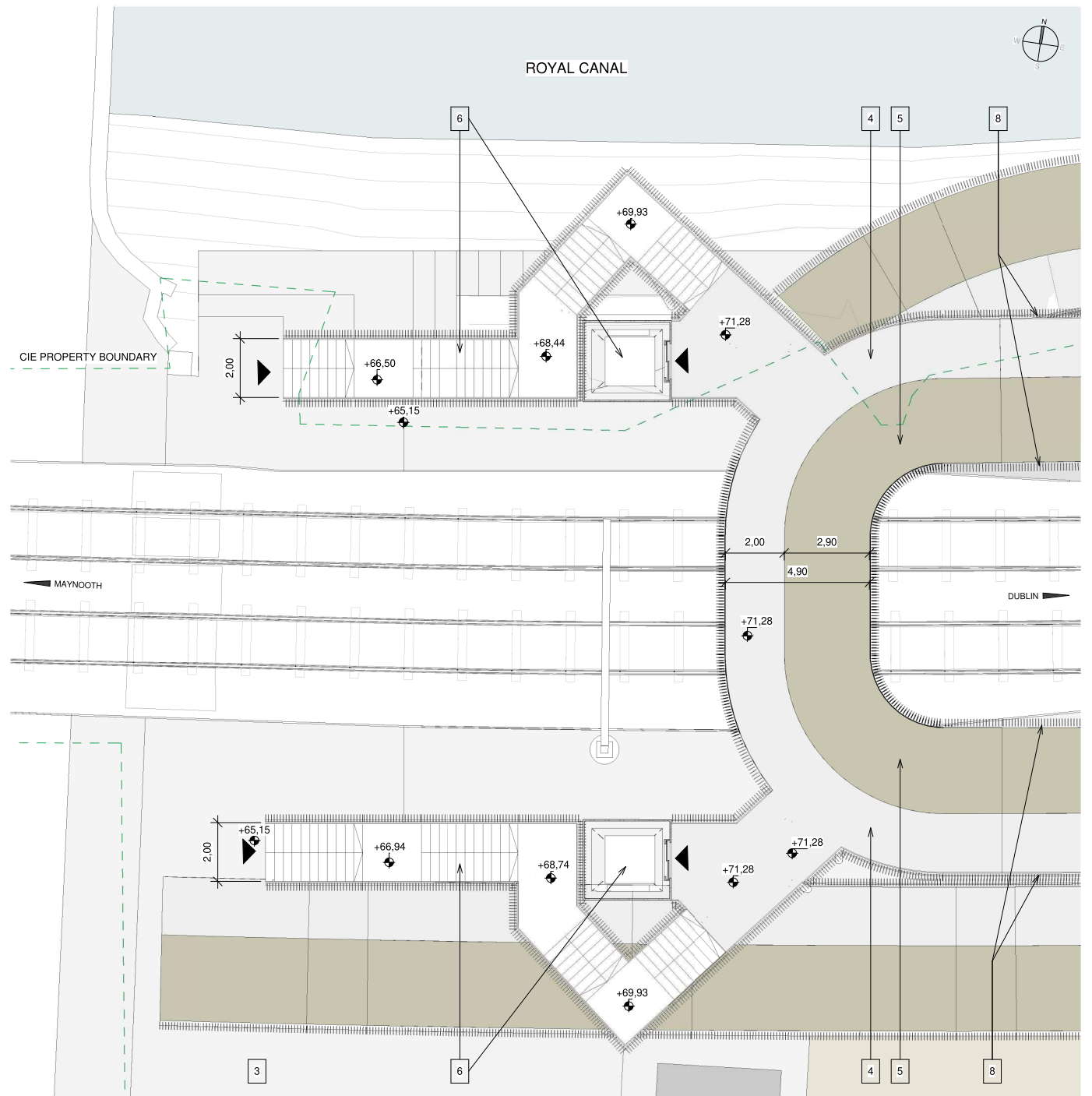
LEGEND

- 1 Refer to drawing: MAY-MDC-ARC-RS10-DR-A-005
- 2 Proposed footbridge footprint
- 3 Proposed walking path access
- 4 Fence
- 5 Bikes parking - 100 bikes provision
- 6 Pedestrian Path
- 7 Bikes Path
- 8 Stairs to footbridge
- 9 Elevator to footbridge

V01 August 2023 Proposed Developments following Railway Order Submissions			GDV	JDR	CCH
V01 April 2022 PLANNING ISSUE			GDV	JDR	CCH
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Client			Consultant		
Tionscadal Éireann Project Ireland 2040			NTA Údarás Náisiúnta Iompair National Transport Authority		
Iarnród Éireann Irish Rail			IDOM		
Project			DART+ West		
Drawing Title			STATION DESIGN COOLMINE STATION PLATFORM LEVEL PLAN		
Scale: 1:200 @ A1			Drawing Number		
0 1 2 3 4 5 10			Project Originator Discipline Location Type Role Number Phase		
Date: AUGUST 2023			MAY MDC ARC RS10 DR A 0003 D		
Job No: P/101086			Status: S3 - For Review & Comment		
Rev: V01			Sheet: 1 of 2		



1 | Platform level
Scale 1 : 100



2 | Footbridge Level
Scale 1 : 100

LEGEND	
1	Historical Bridge
2	New fence
3	Bikes parking
4	Pedestrian path
5	Bikes path
6	Stairs and elevator to footbridge
7	New TER
8	Footbridge railing Variable height 1.40m/1.80m
9	Proposed footbridge footprint
10	Proposed walking path access

REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
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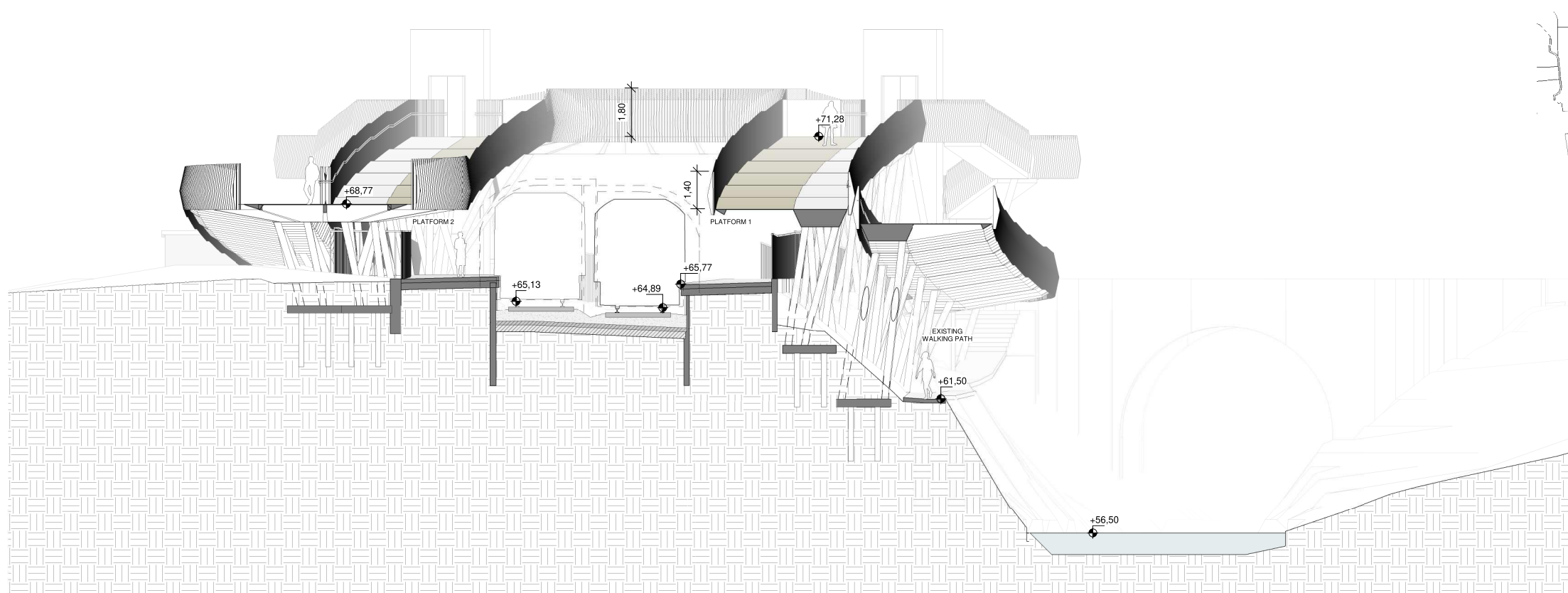
Client

Consultant

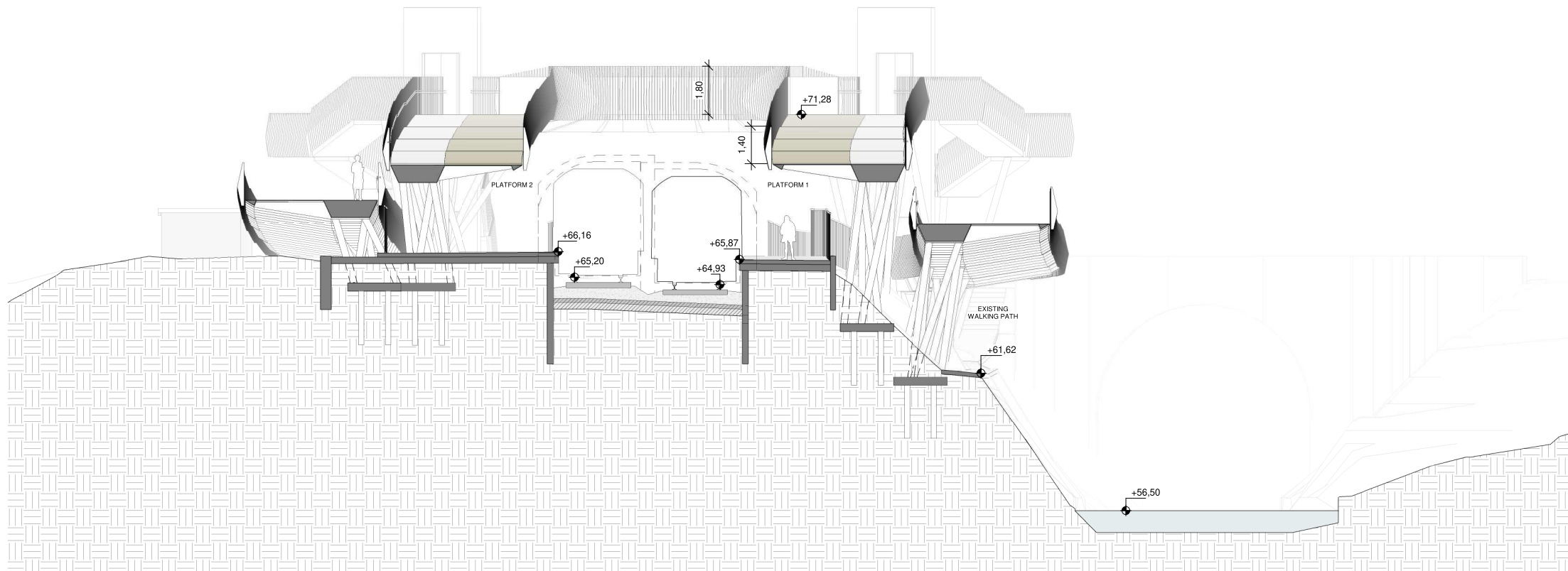
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Drawing Title

STATION DESIGN COOLMINE STATION FOOTBRIDGE. PLANS	
Drawing Number	Project Originator Discipline Location Type Role Number Phase
Date: AUGUST 2023	MAY MDC ARC RS10 DR A 0005 D
Job No: P/101086	Status: S3 - For Review & Comment
Rev: V01	Sheet: 1 of 1



1 | Cross Section 01
Scale 1 : 100



2 | Cross Section 02
Scale 1 : 100

- NOTES**
- 1 The retaining system will be defined with the input of the Geotechnical Report.
 - 2 The foundation (deep or shallow) will be defined with the input of the Geotechnical Report and the retaining system.
 - 3 Minimum track clearance under the bridge: 5.30 m
 - 4 Additional protection will be provided when bridge crosses de track:
 - 1.40 m height solid railing + 0.40 m height IP2X mesh
 - no handrails

REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
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Client

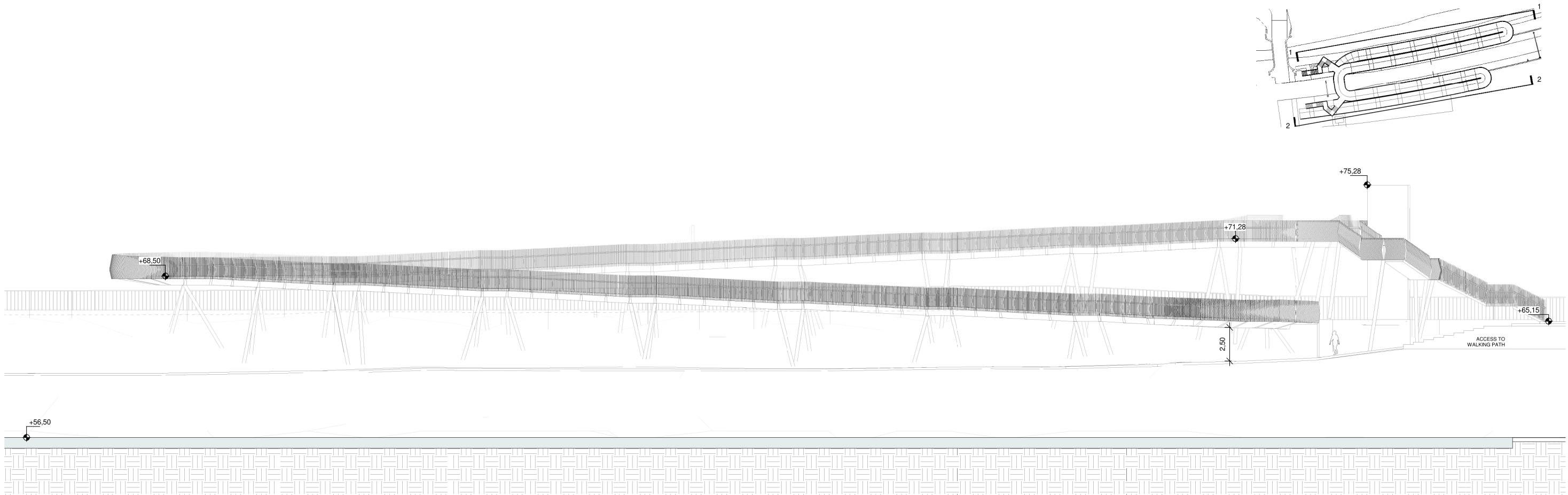
Consultant

Project

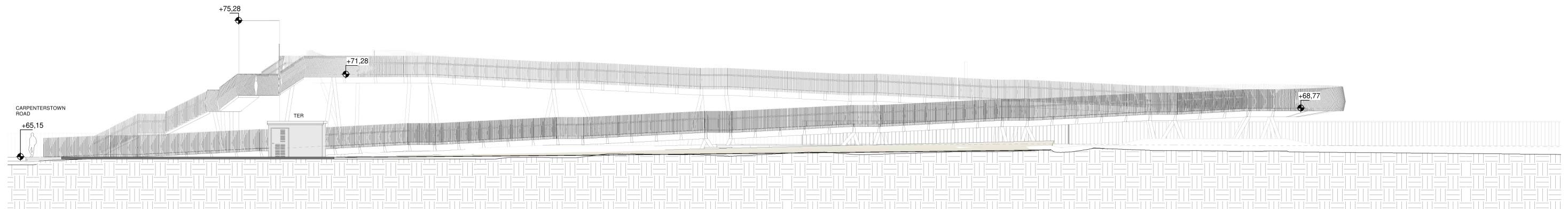
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Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
MAY	MDC	ARC	RS10	DR	A	0006	D	
Date:	Job No:	Status:	Rev:					
AUGUST 2023	P/101086	S3 - For Review & Comment	V01					

Sheet: 1 of 1



1 | Longitudinal Section 01
Scale 1 : 150



2 | Longitudinal Section 02
Scale 1 : 150

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Client



Consultant




Project



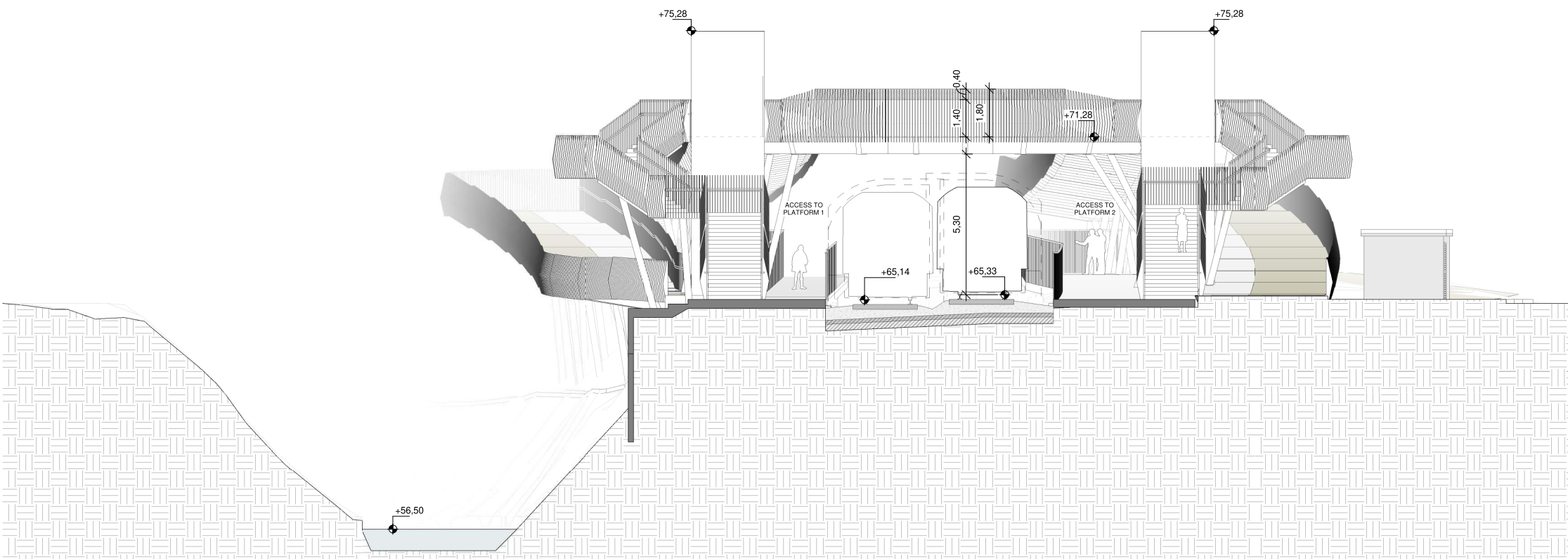
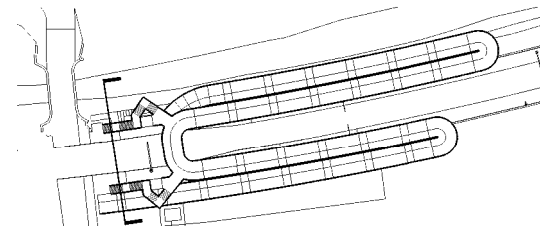
Drawing Title

STATION DESIGN
COOLMINE STATION
FOOTBRIDGE. LONGITUDINAL SECTIONS

Scale:

1:150 @ A1


Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
MAY	MDC	ARC	RS10	DR	A	0007	D	
Date:	Job No:	Status:	Rev:					
AUGUST 2023	P/101086	S3 - For Review & Comment	V01	Sheet: 1 of 1				



1 | Footbridge Elevation
Scale 1 : 100

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V01	April 2022	PLANNING ISSUE	GDV	JDR	CCH

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Client

Consultant

Project

Drawing Title

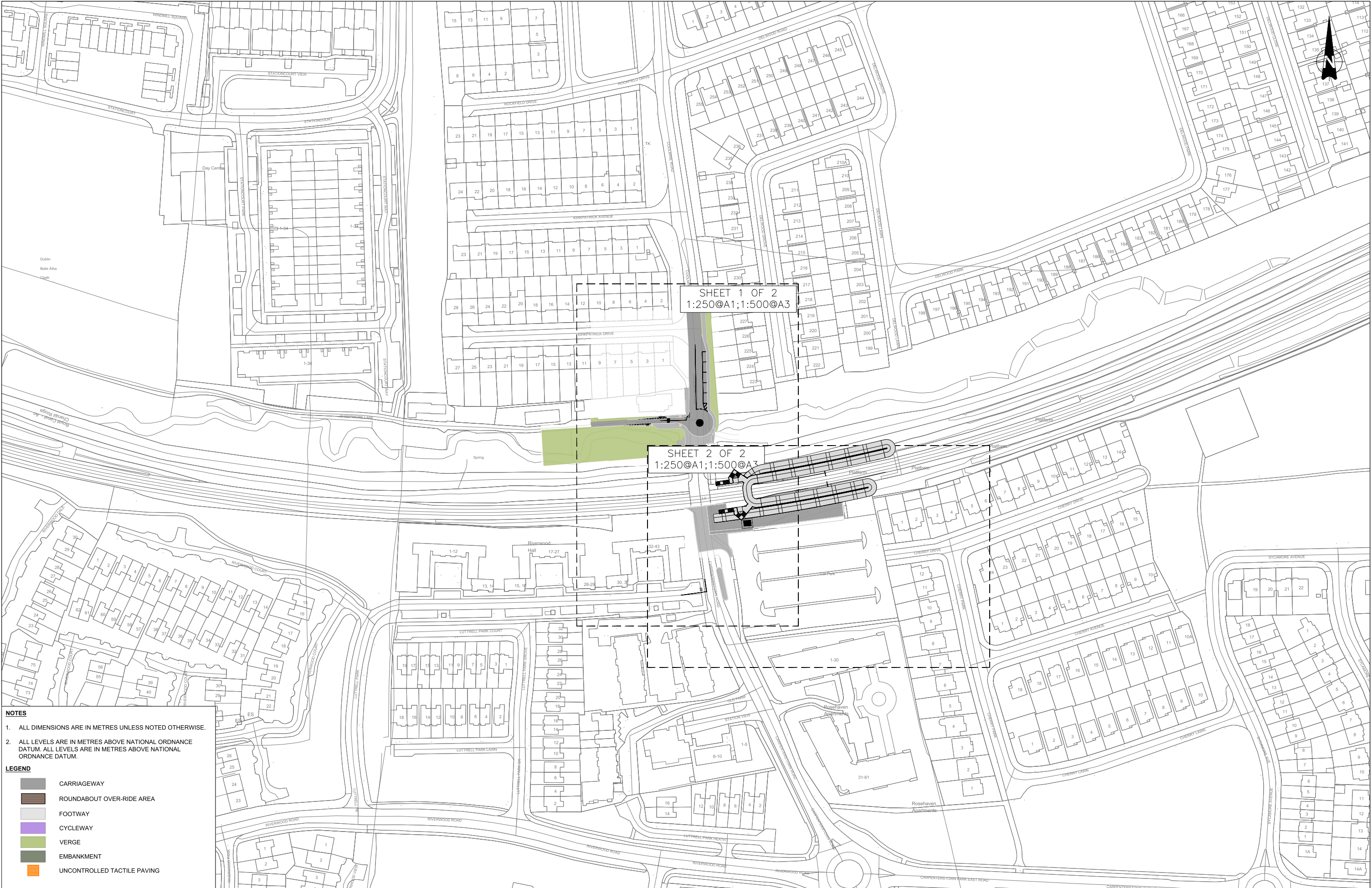
STATION DESIGN
COOLMINE STATION
FOOTBRIDGE. ELEVATION

Scale:

1:100 @ A1

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
MAY	MDC	ARC	RS10	DR	A	0008	D	

Date:	Job No:	Status:	Rev:	Sheet:
AUGUST 2023	P/101086	S3 - For Review & Comment	V01	1 of 1



NOTES

1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

2. ALL LEVELS ARE IN METRES ABOVE NATIONAL ORDNANCE DATUM. ALL LEVELS ARE IN METRES ABOVE NATIONAL ORDNANCE DATUM.

- LEGEND**
- CARRIAGEWAY
 - ROUNDBOUT OVER-RIDE AREA
 - FOOTWAY
 - CYCLEWAY
 - VERGE
 - EMBANKMENT
 - UNCONTROLLED TACTILE PAVING

V 02	October 2024	UPDATED RAILWAY ORDER	JMC	TL	MK
V 01	April 2022	PHASE 3 - PRELIMINARY DESIGN	JMC	TL	MK
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Client

Tionscatal Éireann
Project Ireland
2040

NTA
Núata Mhóidínta Iompar
National Transport Authority

Iarnród Éireann
Irish Rail

Consultant

IDOM

G3

FIROD
ROGHAN & O'DONOVAN

Project

DART+
West

Drawing Title

ROADWORKS DESIGN - LC02: COOLMINE
LEVEL CROSSING - GENERAL ARRANGEMENT
SHEET LAYOUT

Scale:

1:1000 @ A1 1:2000 @ A3

Drawing Number

Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC HRW LC02 DR C 0100 C

Date:

October 2024

Job No:

P/101086

Status:

F1 - Approved & Accepted

Rev:

V 02

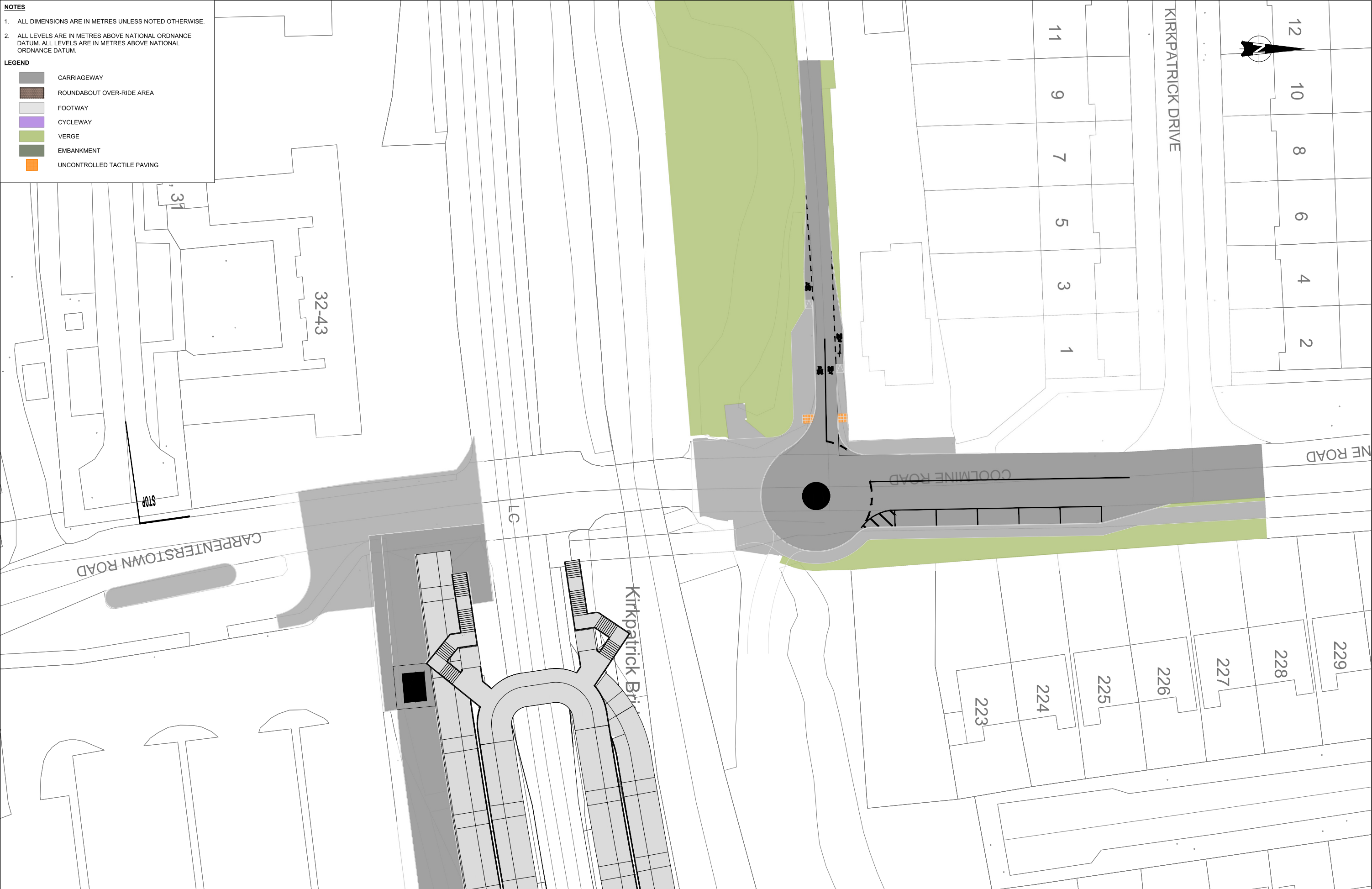
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- LEGEND**
- CARRIAGEWAY
 - ROUNDBOUT OVER-RIDE AREA
 - FOOTWAY
 - CYCLEWAY
 - VERGE
 - EMBANKMENT
 - UNCONTROLLED TACTILE PAVING



V 02	October 2024	UPDATED RAILWAY ORDER	JMC	TL	MK
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Client

Consultant

Project

Drawing Title

ROADWORKS DESIGN - LC02: COOLMINE
LEVEL CROSSING - GENERAL ARRANGEMENT
SHEET 1 OF 1

Scale:

1:250 @ A1 1:500 @ A3

Drawing Number

Project | Originator | Discipline | Location | Type | Role | Number | Phase

MAY MDC HRW LC02 DR C 0101 C

Date:

October 2024

Job No:

P/101086

Status:

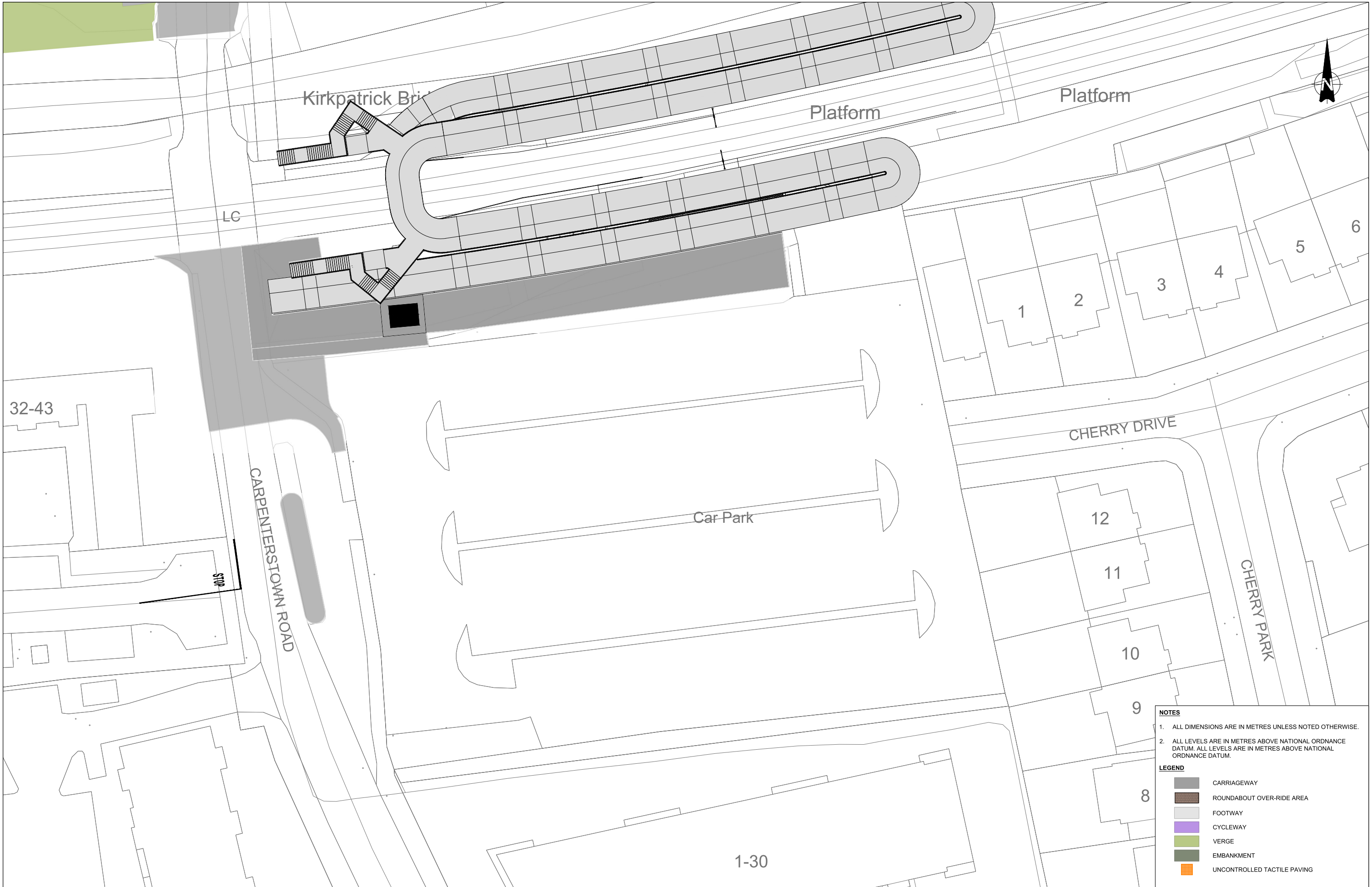
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Rev:

V 02

Sheet:

01 of 02



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LEGEND

CARRIAGEWAY

ROUNDBOUT OVER-RIDE AREA

FOOTWAY

CYCLEWAY

VERGE

EMBANKMENT

UNCONTROLLED TACTILE PAVING

V 02	October 2024	UPDATED RAILWAY ORDER	JMC	TL	MK
V 01	April 2022	PHASE 3 - PRELIMINARY DESIGN	JMC	TL	MK
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Client

Tionscadal Éireann
Project Ireland
2040

Consultant

Project

Drawing Title

ROADWORKS DESIGN - LC02: COOLMINE
GENERAL ARRANGEMENT
SHEET 2 OF 2

Scale:

1:250 @ A1 1:500 @ A3

Drawing Number

Project | Originator | Discipline | Location | Type | Role | Number | Phase

MAY MDC HRW LC02 DR C 0102 C

Date:

October 2024

Job No:

P/101086

Status:

F1 - Approved & Accepted

Rev:

V 02

Sheet:

02 of 02



NOTE: REFER TO DRAWING NO.
MAY-MDC-HRW-LC02-DR-C-0300 TO 0303, FOR
DISWELLSTOWN CROSS SECTIONS

REV.		DATE	DESCRIPTION	GZ	TL	MK
V 01		April 2022	PLANNING ISSUE			
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Client



Consultant



Project



Drawing Title

ROADWORKS DESIGN - LC02: COOLMINE
DISWELLSTOWN ROAD JUNCTION - GENERAL ARRANGEMENT
SHEET LAYOUT

Scale:

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Drawing Number

MAY MDC HRW LC02 DR C 0115 D

Date:

April 2022

Job No:

P/101086

Status:

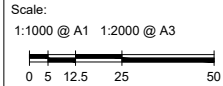
F1 - Approved & Accepted

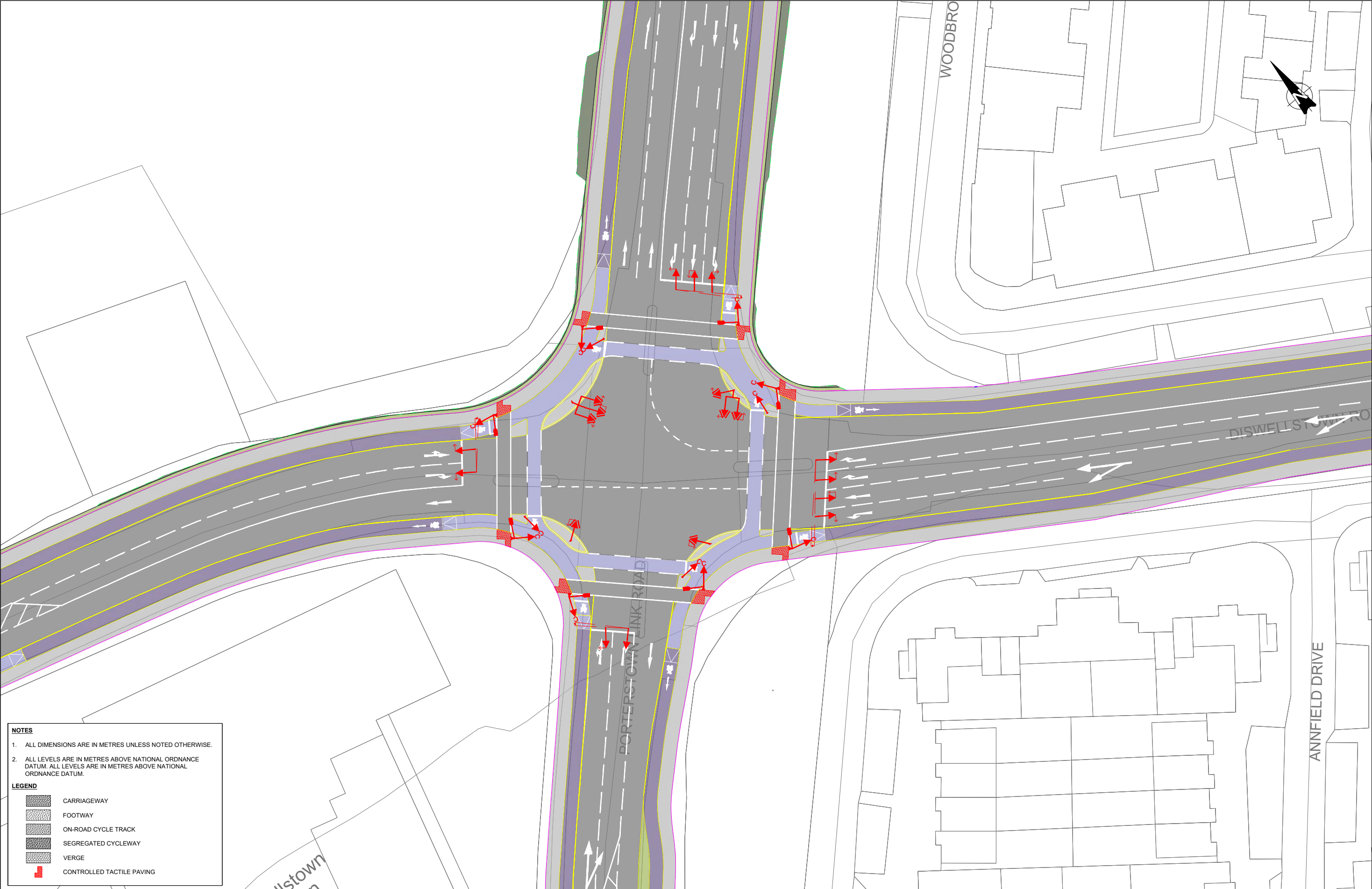
Rev:

V 01

Sheet:

01 of 01





NOTES

1.

ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

2.

ALL LEVELS ARE IN METRES ABOVE NATIONAL ORDNANCE DATUM. ALL LEVELS ARE IN METRES ABOVE NATIONAL ORDNANCE DATUM.

LEGEND

CARRIAGEWAY

FOOTWAY

ON-ROAD CYCLE TRACK

SEGREGATED CYCLEWAY

VERGE

CONTROLLED TACTILE PAVING

<div><div>V 01</div><div>REV.</div><div>DATE</div><div>DESCRIPTION</div></div>			<div><div>GZ</div><div>TL</div><div>MK</div></div>			<div>Client</div> <div><div></div><div></div><div></div></div>			<div>Project</div> <div></div>			<div>Drawing Title</div> <div>ROADWORKS DESIGN - LC02: COOLMINE DISWELLSTOWN ROAD JUNCTION - GENERAL ARRANGEMENT SHEET 1 OF 5</div>								
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						<div><div>Date:</div><div>April 2022</div></div>			<div><div>Job No:</div><div>P/101086</div></div>			<div><div>Status:</div><div>F1 - Approved & Accepted</div></div>			<div><div>Rev:</div><div>V 01</div></div>			<div><div>Sheet:</div><div>01 of 05</div></div>		



NOTES
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LEGEND

CARRIAGEWAY

FOOTWAY

ON-ROAD CYCLE TRACK

SEGREGATED CYCLEWAY


VERGE


CONTROLLED TACTILE PAVING





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LEGEND


 CARRIAGEWAY

 FOOTWAY

 ON-ROAD CYCLE TRACK

 SEGREGATED CYCLEWAY

 VERGE

 CONTROLLED TACTILE PAVING

V 01	April 2022	PLANNING ISSUE		GZ	TL	MK
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Client



NTA

Óðaire Náisiúnta Iompar

National Transport Authority



Consultant







Project

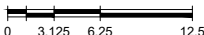


Drawing Title

ROADWORKS DESIGN - LC02: COOLMINE
DISWELLSTOWN ROAD JUNCTION - GENERAL ARRANGEMENT
SHEET 3 OF 5

Scale:

1:250 @ A1 1:500 @ A3



Drawing Number

Project | Originator | Discipline | Location | Type | Role | Number | Phase

MAY MDC HRW LC02 DR C 0118 D

Date:

April 2022

Job No:

P/101086

Status:

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V 01

Sheet:

03 of 05



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LEGEND

CARRIAGEWAY

FOOTWAY

ON-ROAD CYCLE TRACK

SEGREGATED CYCLEWAY

VERGE

CONTROLLED TACTILE PAVING

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Client

Consultant

Project

Drawing Title

ROADWORKS DESIGN - LC02: COOLMINE
DISWELLSTOWN ROAD JUNCTION - GENERAL ARRANGEMENT
SHEET 4 OF 5

Scale:

1:250 @ A1 1:500 @ A3

Drawing Number

Project | Originator | Discipline | Location | Type | Role | Number | Phase

MAY MDC HRW LC02 DR C 0119 D

Date:

April 2022

Job No:

P/101086

Status:

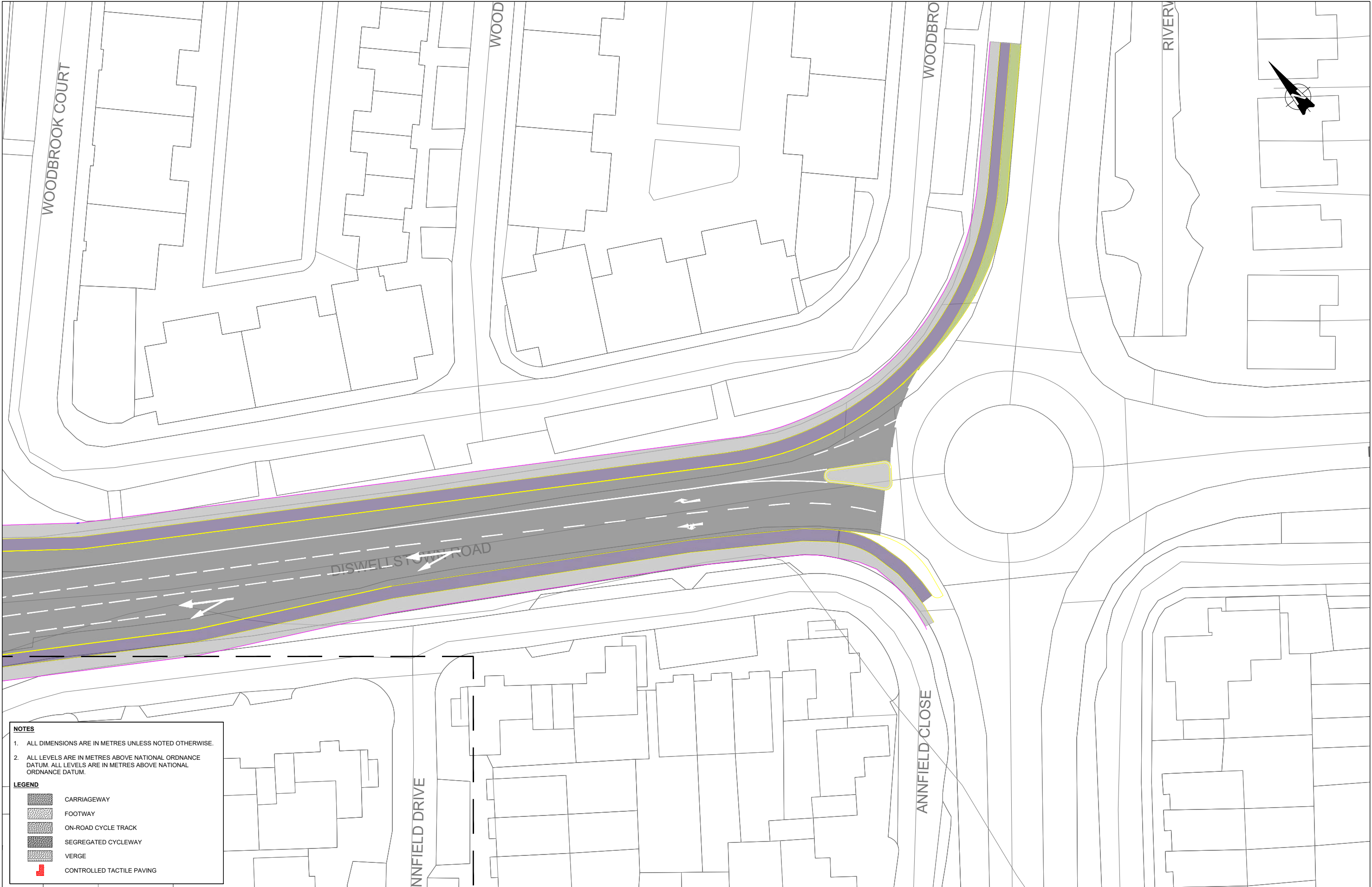
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V 01

Sheet:

04 of 05



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LEGEND

CARRIAGEWAY

FOOTWAY

ON-ROAD CYCLE TRACK

SEGREGATED CYCLEWAY

VERGE

CONTROLLED TACTILE PAVING

V 01	April 2022	PLANNING ISSUE	GZ	TL	MK
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
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Client

Consultant

Project

Drawing Title

ROADWORKS DESIGN - LC02: COOLMINE
DISWELLSTOWN ROAD JUNCTION - GENERAL ARRANGEMENT
SHEET 5 OF 5

Scale:

1:250 @ A1 1:500 @ A3

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase

MAY | MDC | HRW | LC02 | DR | C | 0120 | D

Date:

April 2022

Job No:

P/101086

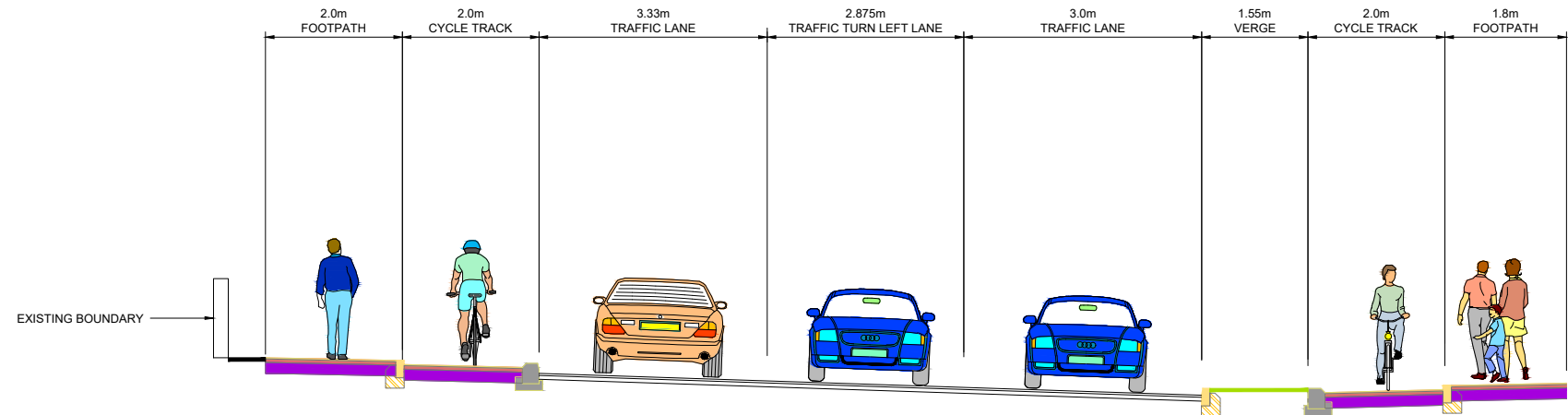
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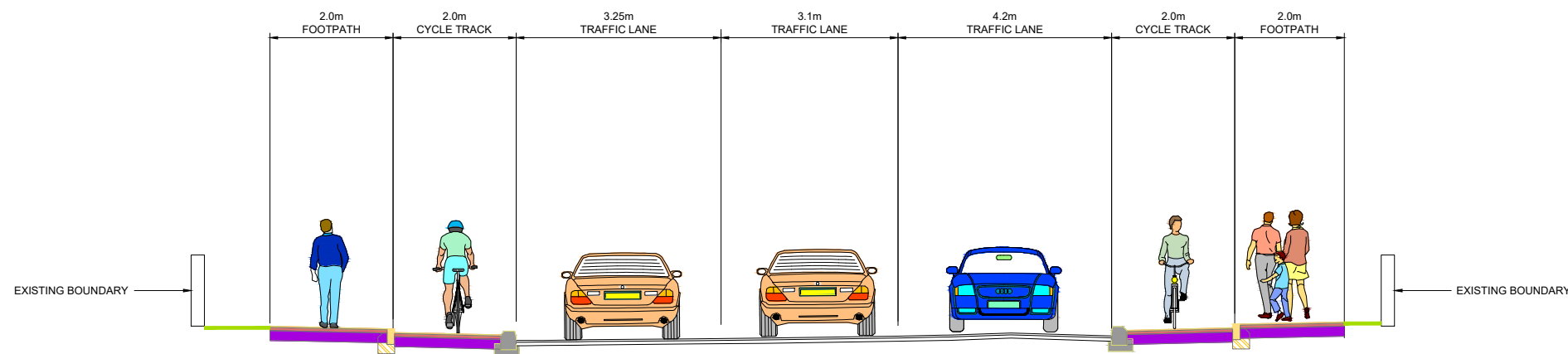
Rev:

V 01

Sheet: 05 of 05



TYPICAL CROSS SECTION A-A
DISWELLSTOWN ROAD JCT. (SOUTH)
LOCATED ON GA SHEET 01
DRAWING REF: MAY-MDC-HRW-LC02-DR-C-0115

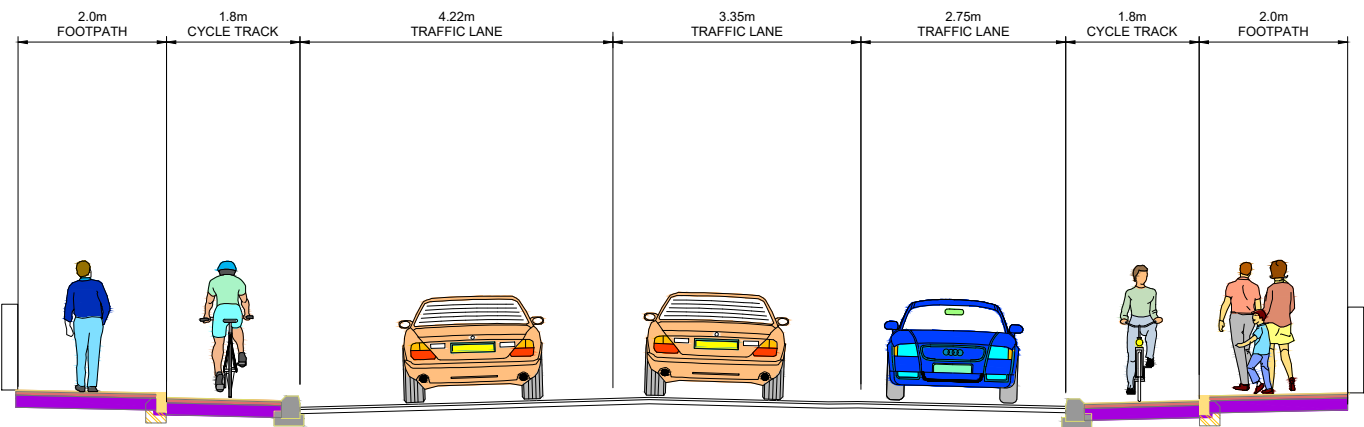


TYPICAL CROSS SECTION B-B
DISWELLSTOWN ROAD JCT. (SOUTH)
LOCATED ON GA SHEET 01
DRAWING REF: MAY-MDC-HRW-LC02-DR-C-0115

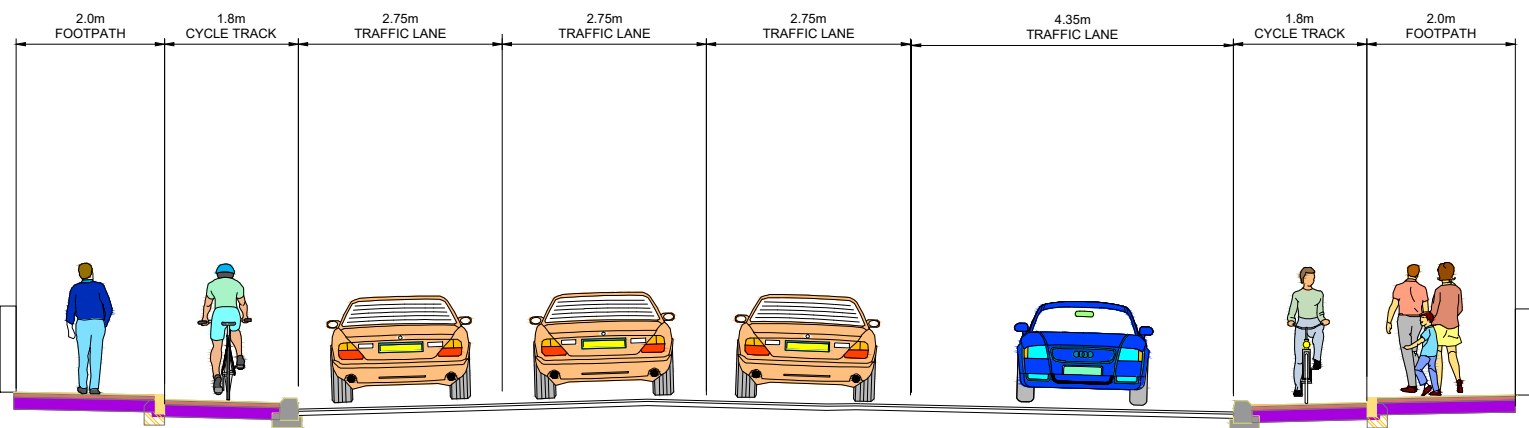
NOTES:

- FOR SECTION LOCATIONS SEE DRAWING: MAY-MDC-HRW-LC02-DR-C-0115
- THE BOUNDARY TREATMENT SHOWN IS INDICATIVE ONLY.
- THE PROPOSED PAVEMENT CONSTRUCTION IS INDICATIVE ONLY.

						Client			Project			Drawing Title											
												ROADWORKS DESIGN - LC02: COOLMINE DISWELLSTOWN ROAD JUNCTION - CROSS SECTIONS SHEET 01 of 04											
V 01	April 2022	PLANNING ISSUE	KH			TL			MK														
REV.	DATE	DESCRIPTION	PRODUCED BY			REVIEWED BY			APPROVED BY														
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												1:50 @ A1 1:100 @ A3			Drawing Number Project Originator Discipline Location Type Role Number Phase								
															MAY MDC HRW LC02 DR C 0146 D								
															Date: April 2022								
															Job No: P/101086								
															Status: F1 - Approved & Accepted								
															Rev: V 01								
															Sheet: 01 of 04								



TYPICAL CROSS SECTION C-C
DISWELLSTOWN ROAD JCT. (EAST)
LOCATED ON GA SHEET 01
DRAWING REF: MAY-MDC-HRW-LC02-DR-C-0115



TYPICAL CROSS SECTION D-D
DISWELLSTOWN ROAD JCT. (EAST)
LOCATED ON GA SHEET 01
DRAWING REF: MAY-MDC-HRW-LC02-DR-C-0115

- NOTES:**
- 1. FOR SECTION LOCATIONS SEE DRAWING: MAY-MDC-HRW-LC02-DR-C-0115
 - 2. THE BOUNDARY TREATMENT SHOWN IS INDICATIVE ONLY.
 - 3. THE PROPOSED PAVEMENT CONSTRUCTION IS INDICATIVE ONLY.

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REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
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Client



Consultant



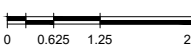
Project



Drawing Title

ROADWORKS DESIGN - LC02: COOLMINE
DISWELLSTOWN ROAD JUNCTION - CROSS SECTIONS
SHEET 02 of 04

Scale:

1:50 @ A1 1:100 @ A3


Drawing Number

Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC HRW LC02 DR C 0147 D

Date:

April 2022

Job No:

P/101086

Status:

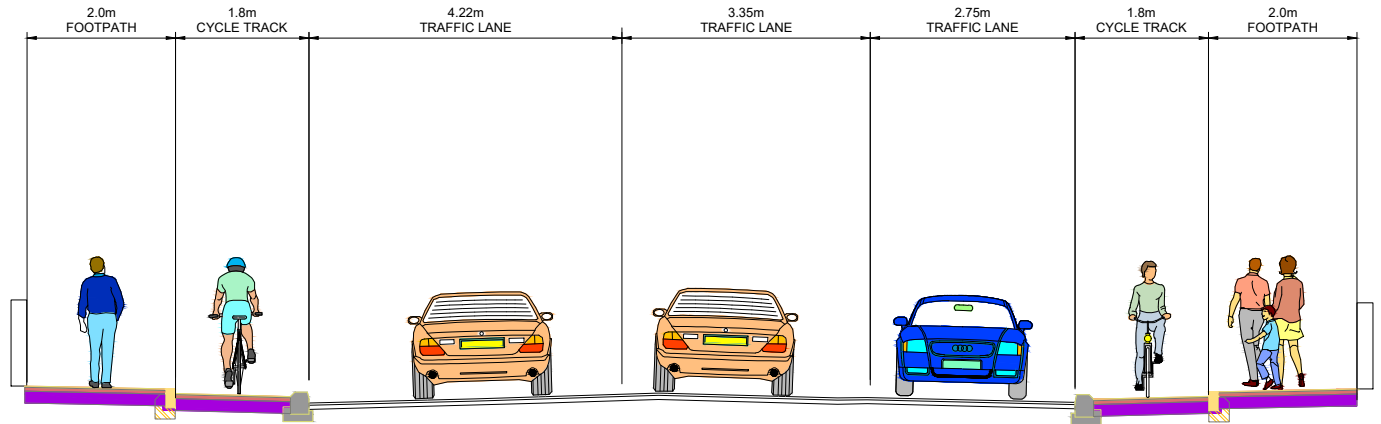
F1 - Approved & Accepted

Rev:

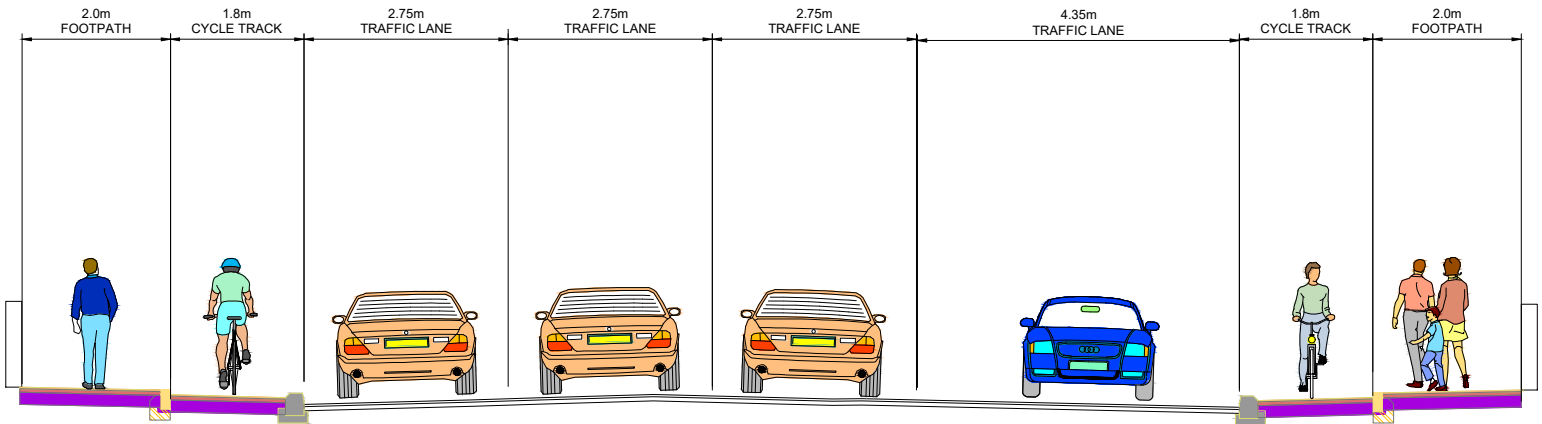
V 01

Sheet:

02 of 04





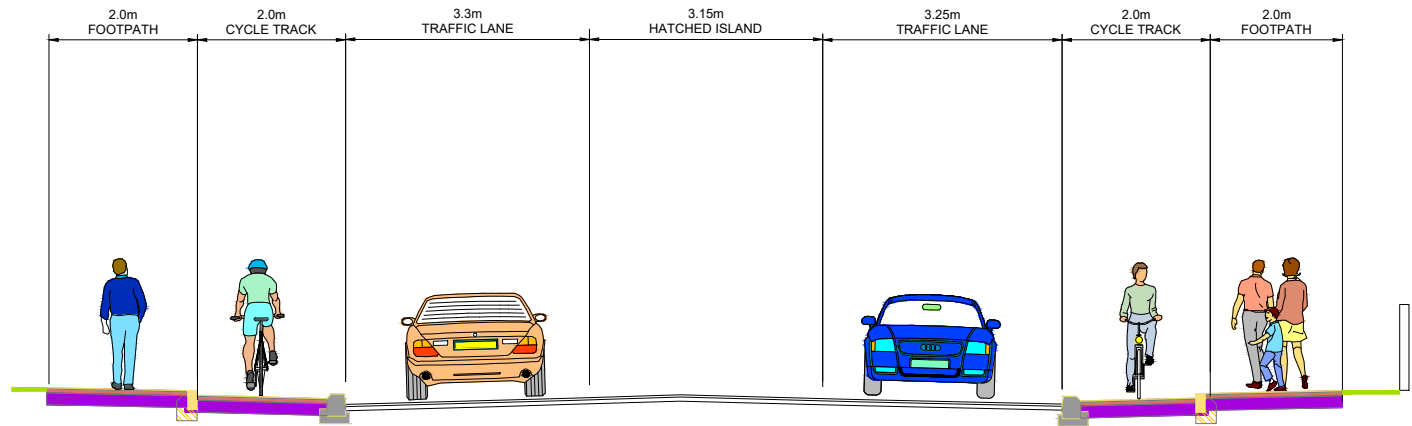
TYPICAL CROSS SECTION E-E
DISWELLSTOWN ROAD JCT. (NORTH)
LOCATED ON GA SHEET 01
DRAWING REF: MAY-MDC-HRW-LC02-DR-C-0115



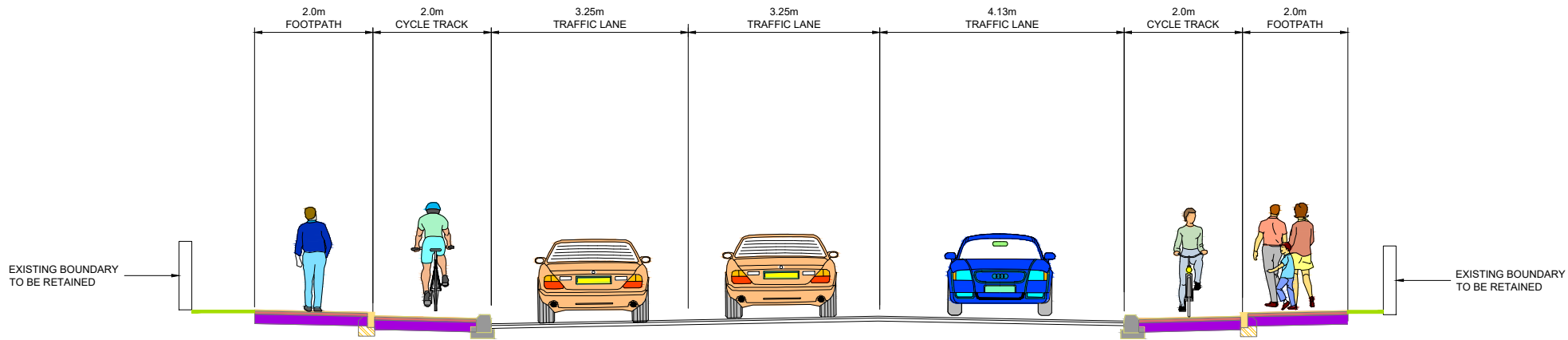
TYPICAL CROSS SECTION F-F
DISWELLSTOWN ROAD JCT. (NORTH)
LOCATED ON GA SHEET 01
DRAWING REF: MAY-MDC-HRW-LC02-DR-C-0115

- NOTES:
- FOR SECTION LOCATIONS SEE DRAWING: MAY-MDC-HRW-LC02-DR-C-0115
 - THE BOUNDARY TREATMENT SHOWN IS INDICATIVE ONLY.
 - THE PROPOSED PAVEMENT CONSTRUCTION IS INDICATIVE ONLY.

						Client			  			Project						Drawing Title			ROADWORKS DESIGN - LC02: COOLMINE DISWELLSTOWN ROAD JUNCTION - CROSS SECTIONS SHEET 03 of 04											
V 01	April 2022	PLANNING ISSUE		KH	TL	MK	Consultant			  			Scale:			Drawing Number Project Originator Discipline Location Type Role Number Phase																
REV.	DATE	DESCRIPTION				PRODUCED BY							REVIEWED BY			APPROVED BY			1:50 @ A1 1:100 @ A3			MAY MDC HRW LC02 DR C 0148 D										
																		Date: April 2022			Job No: P/101086			Status: F1 - Approved & Accepted			Rev: V 01			Sheet: 03 of 04		



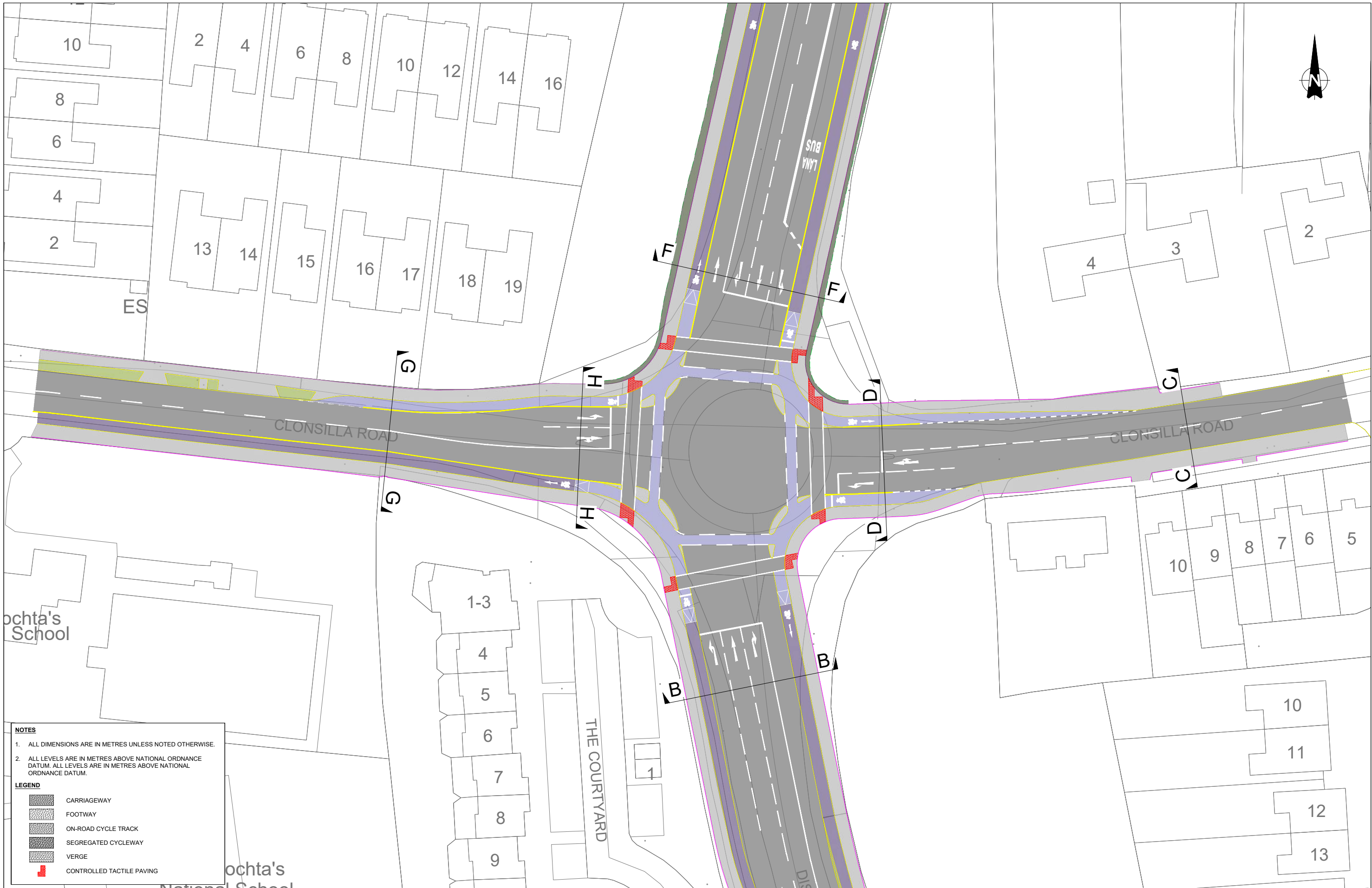
TYPICAL CROSS SECTION G-G
DISWELLSTOWN ROAD JCT. (WEST)
LOCATED ON GA SHEET 01
DRAWING REF: MAY-MDC-HRW-LC02-DR-C-0115



TYPICAL CROSS SECTION H-H
DISWELLSTOWN ROAD JCT. (WEST)
LOCATED ON GA SHEET 01
DRAWING REF: MAY-MDC-HRW-LC02-DR-C-0115

- NOTES:
- 1. FOR SECTION LOCATIONS SEE DRAWING: MAY-MDC-HRW-LC02-DR-C-0115
 - 2. THE BOUNDARY TREATMENT SHOWN IS INDICATIVE ONLY.
 - 3. THE PROPOSED PAVEMENT CONSTRUCTION IS INDICATIVE ONLY.

						Client		Project		Drawing Title																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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Client			Project			Drawing Title		
Consultant			DART+ West			ROADWORKS DESIGN - LC02: COOLMINE CLONSILLA ROAD JUNCTION - GENERAL ARRANGEMENT SHEET 1 OF 3		
REV. DATE DESCRIPTION			Scale: 1:250 @ A1 1:500 @ A3			Drawing Number Project Originator Discipline Location Type Role Number Phase		
V 01 April 2022 PLANNING ISSUE			0 3.125 6.25 12.5			MAY MDC HRW LC02 DR C 0152 D		
GZ TL MK			Date: April 2022			Job No: P/101086		
PRODUCED BY REVIEWED BY APPROVED BY			Status: F1 - Approved & Accepted			Rev: V 01		
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LEGEND

CARRIAGEWAY

FOOTWAY

ON-ROAD CYCLE TRACK

SEGREGATED CYCLEWAY

VERGE

CONTROLLED TACTILE PAVING

V 01	April 2022	PLANNING ISSUE	GZ	TL	MK
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
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Client

Tionscatal Eireann
Project Ireland
2040

NTA
Oidhreachta Náisiúnta
National Transport Authority

Iarnród Éireann
Irish Rail

Consultant

IDOM

CS

ROD
R. O'DONOVAN

Project

DART+
West

Drawing Title

ROADWORKS DESIGN - LC02: COOLMINE
CLONSILLA ROAD JUNCTION - GENERAL ARRANGEMENT
SHEET 2 OF 3

Scale:
1:250 @ A1 1:500 @ A3

03.1256.2512.5

Drawing Number

Project

Originator

Discipline

Location

Type

Role

Number

Phase

MAY

MDC

HRW

LC02

DR

C

0153

D

Date:

April 2022

Job No:

P/101086

Status:

F1 - Approved & Accepted

Rev:

V 01

Sheet:

02 of 03



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LEGEND

CARRIAGEWAY

FOOTWAY

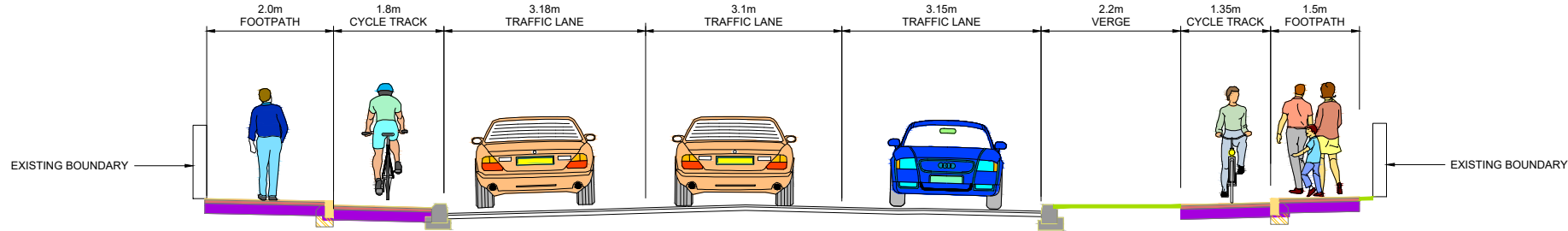
ON-ROAD CYCLE TRACK

SEGREGATED CYCLEWAY

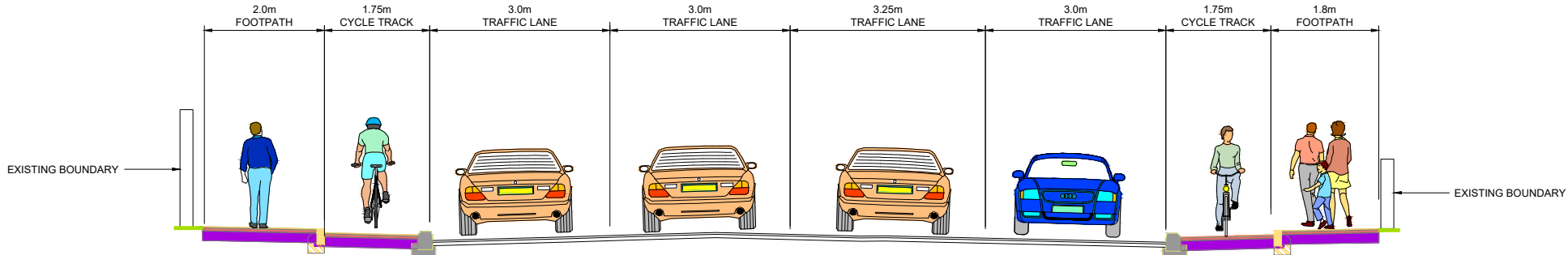
VERGE

CONTROLLED TACTILE PAVING

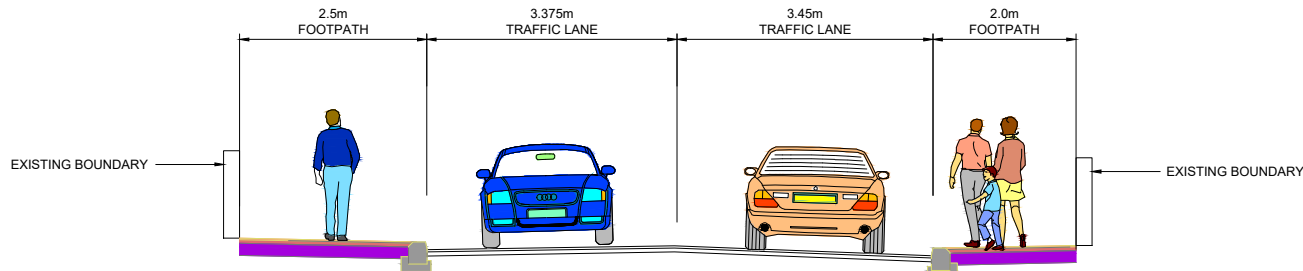
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												ROADWORKS DESIGN - LC02: COOLMINE CLONSILLA ROAD JUNCTION - GENERAL ARRANGEMENT SHEET 3 OF 3								
V 01	April 2022	PLANNING ISSUE		GZ	TL	MK							Scale:							
REV.	DATE	DESCRIPTION		PRODUCED BY	REVIEWED BY	APPROVED BY	Consultant		<div></div>				Drawing Number Project Originator Discipline Location Type Role Number Phase							
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											Date: April 2022		Job No: P/101086		Status: F1 - Approved & Accepted		Rev: V 01		Sheet: 03 of 03	



TYPICAL CROSS SECTION A-A
CLONSILLA ROAD JCT. (SOUTH)
LOCATED ON GA SHEET 01
DRAWING REF: MAY-MDC-HRW-LC02-DR-C-0151



TYPICAL CROSS SECTION B-B
CLONSILLA ROAD JCT. (SOUTH)
LOCATED ON GA SHEET 01
DRAWING REF: MAY-MDC-HRW-LC02-DR-C-0151



TYPICAL CROSS SECTION C-C
CLONSILLA ROAD JCT. (EAST)
LOCATED ON GA SHEET 01
DRAWING REF: MAY-MDC-HRW-LC02-DR-C-0151

- NOTES:
- FOR SECTION LOCATIONS SEE DRAWING: MAY-MDC-HRW-LC02-DR-C-0151
 - THE BOUNDARY TREATMENT SHOWN IS INDICATIVE ONLY.
 - THE PROPOSED PAVEMENT CONSTRUCTION IS INDICATIVE ONLY.

V 01	April 2022	PLANNING ISSUE	KH	TL	MK
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
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Client



Consultant

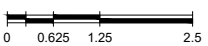


Project



Drawing Title

ROADWORKS DESIGN - LC02: COOLMINE
CLONSILLA ROAD JUNCTION - CROSS SECTIONS
SHEET 01 of 03

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


Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase

MAY | MDC | HRW | LC02 | DR | C | 0170 | D

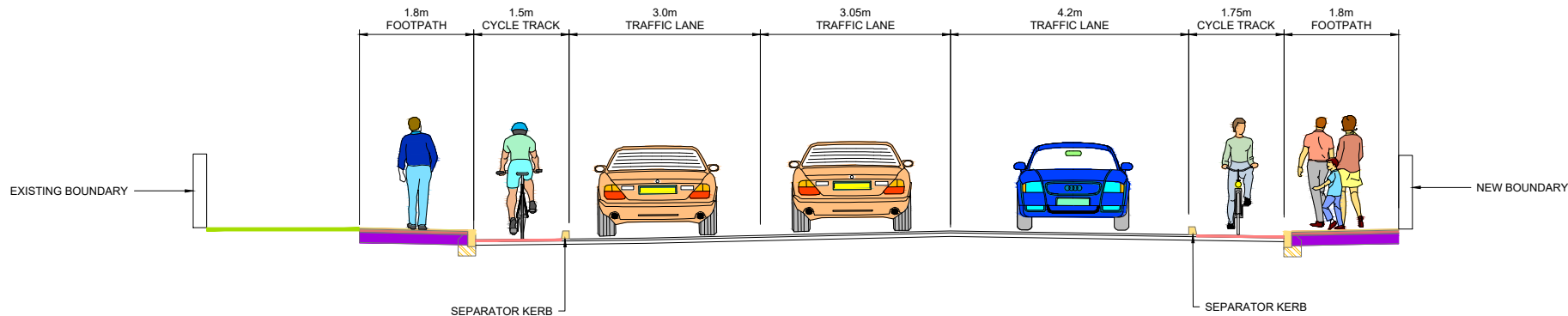
Date: April 2022

Job No: P/101086

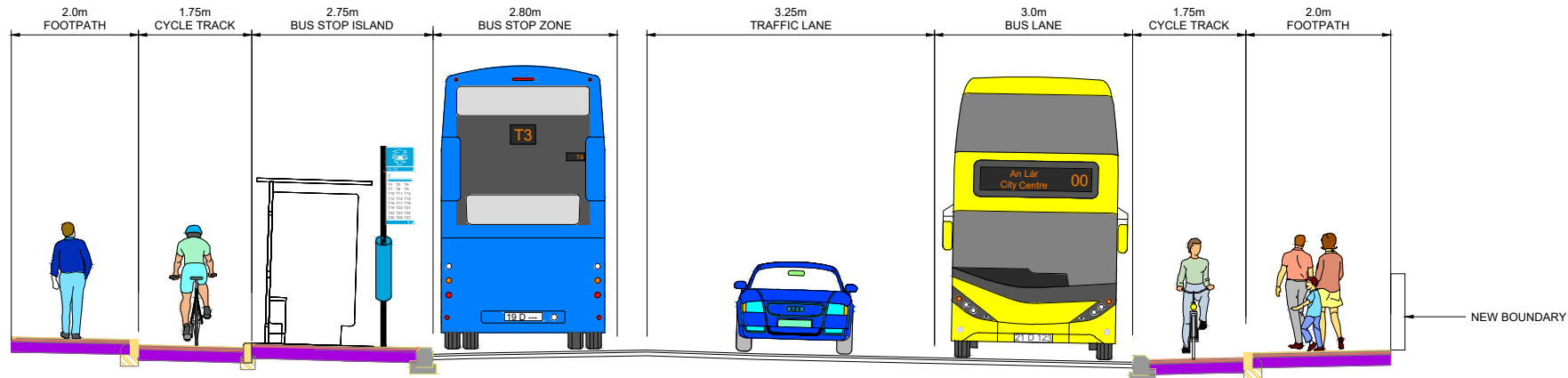
Status: F1 - Approved & Accepted

Rev: V 01

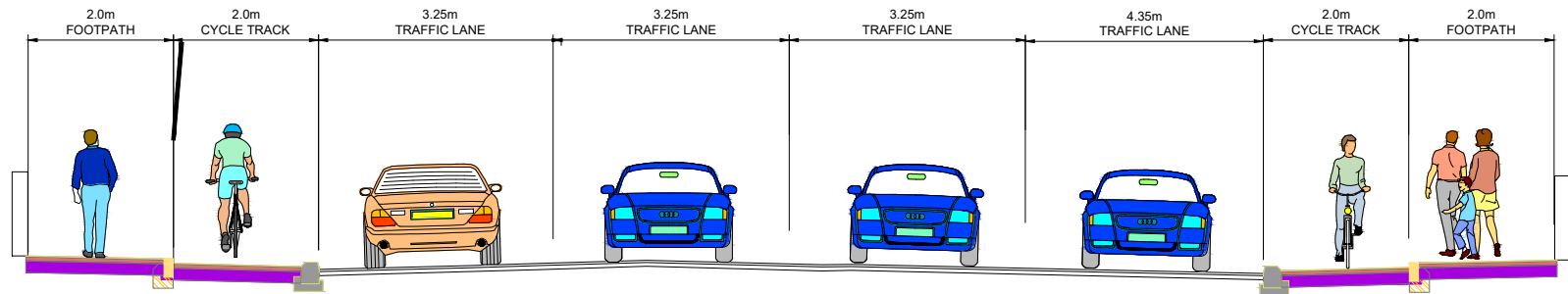
Sheet: 01 of 03



TYPICAL CROSS SECTION D-D
CLONSILLA ROAD JCT. (EAST)
LOCATED ON GA SHEET 01
DRAWING REF: MAY-MDC-HRW-LC02-DR-C-0151



TYPICAL CROSS SECTION E-E
CLONSILLA ROAD JCT. (NORTH)
LOCATED ON GA SHEET 01
DRAWING REF: MAY-MDC-HRW-LC02-DR-C-0151



TYPICAL CROSS SECTION F-F
CLONSILLA ROAD JCT. (NORTH)
LOCATED ON GA SHEET 01
DRAWING REF: MAY-MDC-HRW-LC02-DR-C-0151

- NOTES:
- FOR SECTION LOCATIONS SEE DRAWING: MAY-MDC-HRW-LC02-DR-C-0151
 - THE BOUNDARY TREATMENT SHOWN IS INDICATIVE ONLY.
 - THE PROPOSED PAVEMENT CONSTRUCTION IS INDICATIVE ONLY.

V 01	April 2022	PLANNING ISSUE	KH	TL	MK
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
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Client



Consultant



Project

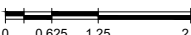


Drawing Title

ROADWORKS DESIGN - LC02: COOLMINE
CLONSILLA ROAD JUNCTION - CROSS SECTIONS
SHEET 02 of 03

Scale:

1:50 @ A1 1:100 @ A3



Drawing Number

MAY MDC HRW LC02 DR C 0171 D

Date:

April 2022

Job No:

P/101086

Status:

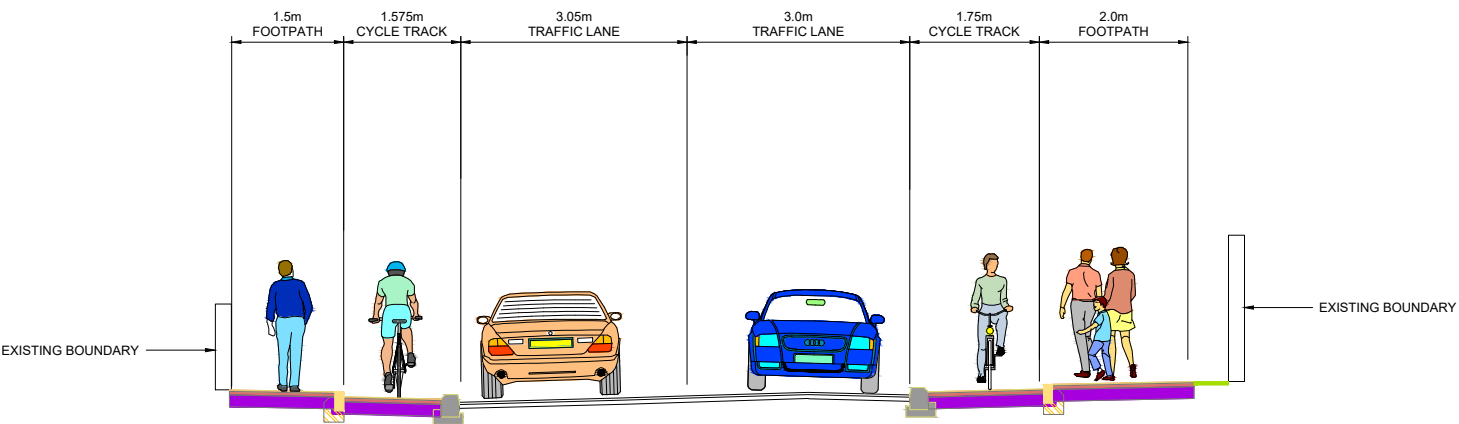
F1 - Approved & Accepted

Rev:

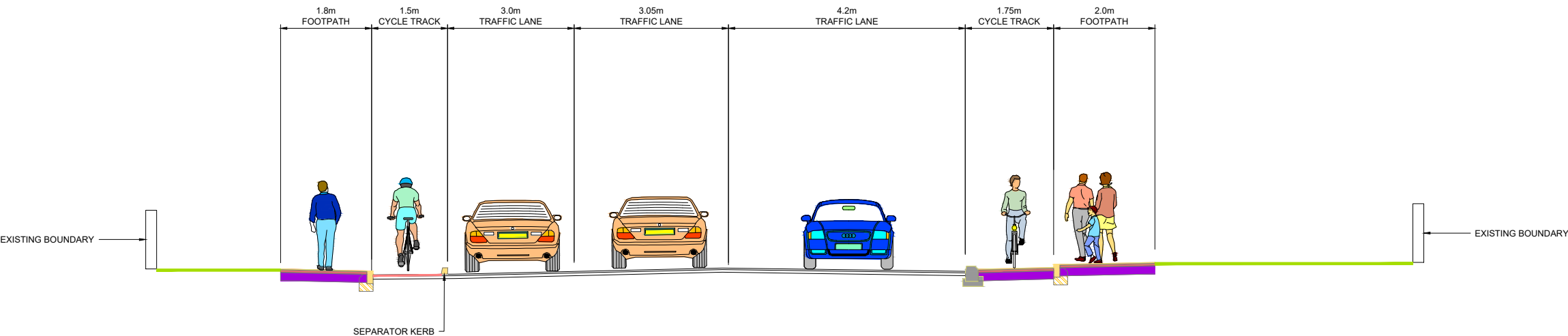
V 01

Sheet:

02 of 03



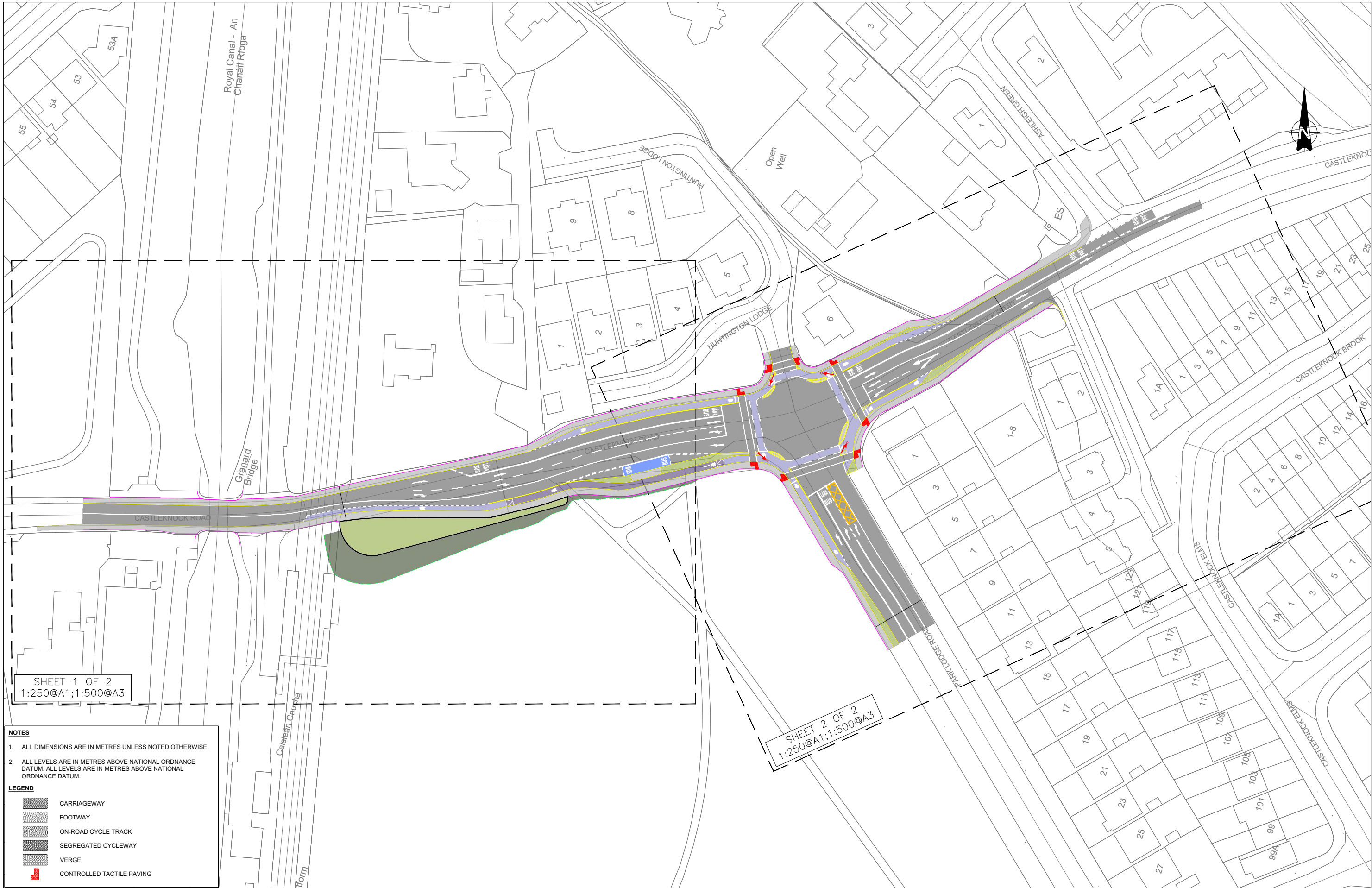
TYPICAL CROSS SECTION G-G
CLONSILLA ROAD JCT. (WEST)
LOCATED ON GA SHEET 01
DRAWING REF: MAY-MDC-HRW-LC02-DR-C-0151



TYPICAL CROSS SECTION H-H
CLONSILLA ROAD JCT. (WEST)
LOCATED ON GA SHEET 01
DRAWING REF: MAY-MDC-HRW-LC02-DR-C-0151

- NOTES:
- 1. FOR SECTION LOCATIONS SEE DRAWING: MAY-MDC-HRW-LC02-DR-C-0151
 - 2. THE BOUNDARY TREATMENT SHOWN IS INDICATIVE ONLY.
 - 3. THE PROPOSED PAVEMENT CONSTRUCTION IS INDICATIVE ONLY.

						Client			<div><div><div><div></div><div>Tionscadal Éireann Project Ireland 2040</div></div><div><div><div></div><div>NTA Údarás Náisiúnta Iomparáil National Transport Authority</div></div><div><div><div></div><div>Iarnród Éireann Irish Rail</div></div><div><div><div></div><div>DART+ West</div></div></div></div></div></div></div>			Project			<div><div><div><div></div><div>DART+ West</div></div></div></div>									Drawing Title																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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SHEET 1 OF 2
1:250@A1;1:500@A3

SHEET 2 OF 2
1:250@A1;1:500@A3

NOTES

- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
- ALL LEVELS ARE IN METRES ABOVE NATIONAL ORDNANCE DATUM. ALL LEVELS ARE IN METRES ABOVE NATIONAL ORDNANCE DATUM.

LEGEND

CARRIAGEWAY

FOOTWAY

ON-ROAD CYCLE TRACK

SEGREGATED CYCLEWAY

VERGE

CONTROLLED TACTILE PAVING

V 01	April 2022	PLANNING ISSUE		JMC	TL	MK
REV.	DATE	DESCRIPTION	PRODUCED BY REVIEWED BY APPROVED BY			
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All elevations are in metres and relative to OSi Geoid Model (OSG00M02) Mean-High as defined by existing Project Control.						
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLG).						

Client

Consultant

Project

Drawing Title

ROADWORKS DESIGN - LC02: COOLMINE
CASTLEKNOCK ROAD JUNCTION - GENERAL ARRANGEMENT
SHEET LAYOUT

Scale:

1:250 @ A1 1:500 @ A3

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase

MAY | MDC | HRW | LC02 | DR | C | 0173 | D

Date:

April 2022

Job No:

P/101086

Status:

F1 - Approved & Accepted

Rev:

V 01

Sheet:

01 of 01



NOTES
1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
2. ALL LEVELS ARE IN METRES ABOVE NATIONAL ORDNANCE DATUM. ALL LEVELS ARE IN METRES ABOVE NATIONAL ORDNANCE DATUM.

LEGEND

CARRIAGEWAY

FOOTWAY

ON-ROAD CYCLE TRACK

SEGREGATED CYCLEWAY

VERGE

CONTROLLED TACTILE PAVING

V 01	April 2022	PLANNING ISSUE	JMC	TL	MK
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
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Client

Consultant

Project

Drawing Title

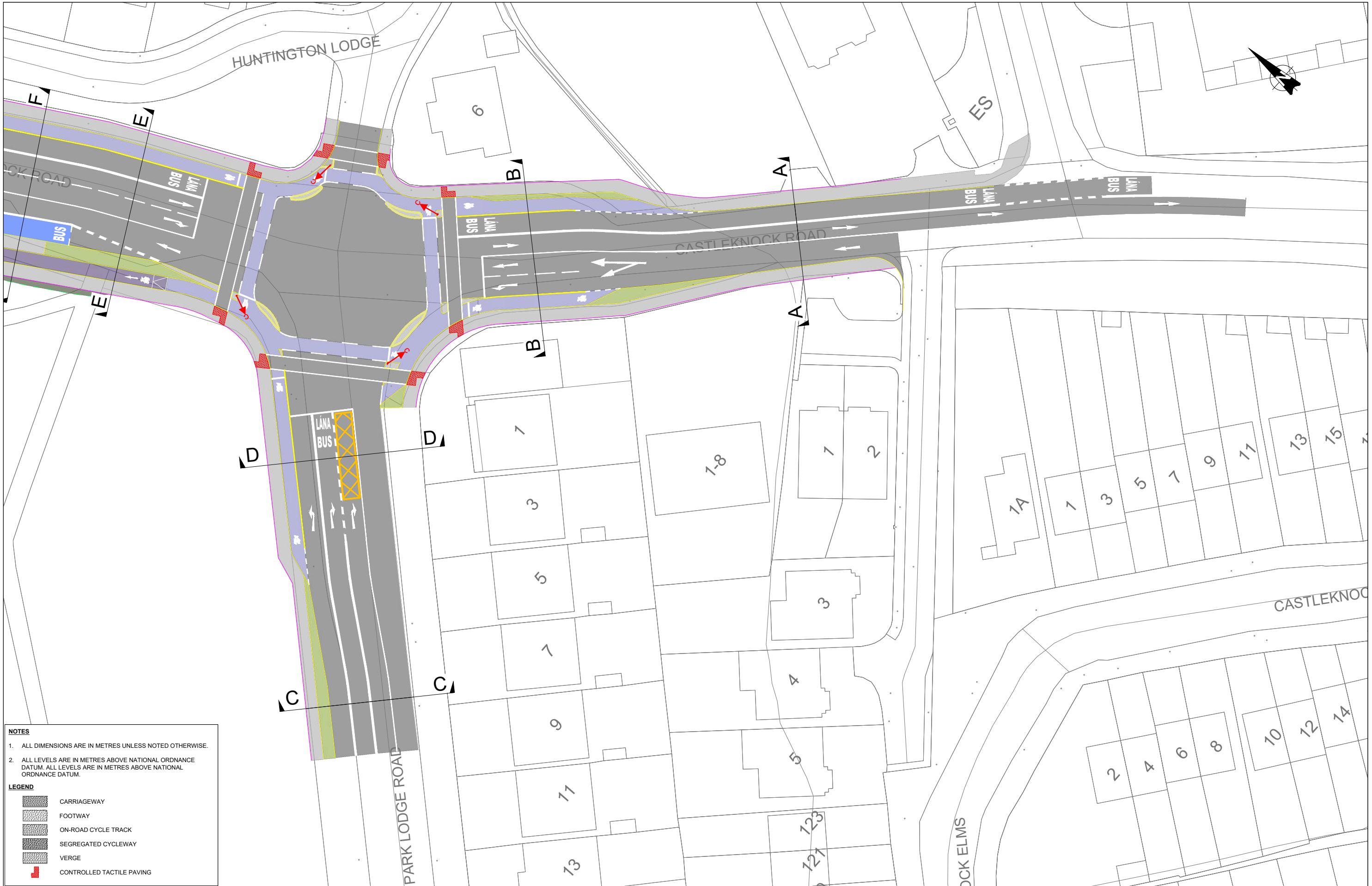
ROADWORKS DESIGN - LC02: COOLMINE
CASTLEKNOCK ROAD JUNCTION - GENERAL ARRANGEMENT
SHEET 1 OF 2

Scale:
1:250 @ A1 1:500 @ A3

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase

MAY MDC HRW LC02 DR C 0174 D

Date: April 2022 Job No: P/101086 Status: F1 - Approved & Accepted Rev: V 01 Sheet: 01 of 02



NOTES
1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
2. ALL LEVELS ARE IN METRES ABOVE NATIONAL ORDNANCE DATUM. ALL LEVELS ARE IN METRES ABOVE NATIONAL ORDNANCE DATUM.

LEGEND

CARRIAGEWAY

FOOTWAY

ON-ROAD CYCLE TRACK

SEGREGATED CYCLEWAY

VERGE

CONTROLLED TACTILE PAVING

V 01	April 2022	PLANNING ISSUE		JMC	TL	MK
REV.	DATE	DESCRIPTION	PRODUCED BY REVIEWED BY APPROVED BY			
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Client

Consultant

Project

Drawing Title

ROADWORKS DESIGN - LC02: COOLMINE
CASTLEKNOCK ROAD JUNCTION - GENERAL ARRANGEMENT
SHEET 2 OF 2

Scale:

1:250 @ A1 1:500 @ A3

Drawing Number

Project

Originator

Discipline

Location

Type

Role

Number

Phase

MAY

MDC

HRW

LC02

DR

C

0175

D

Date:

April 2022

Job No:

P/101086

Status:

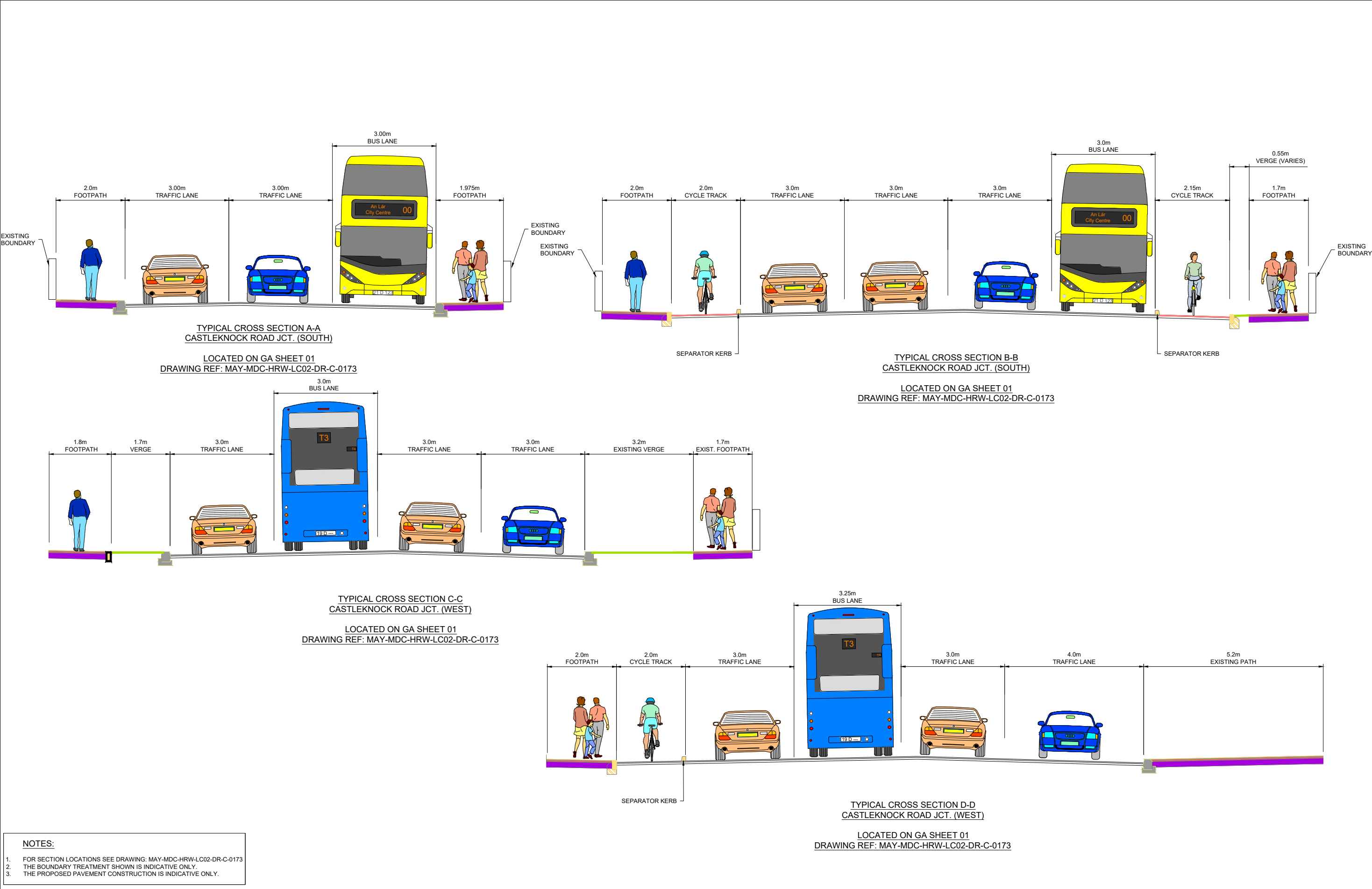
F1 - Approved & Accepted

Rev:

V 01

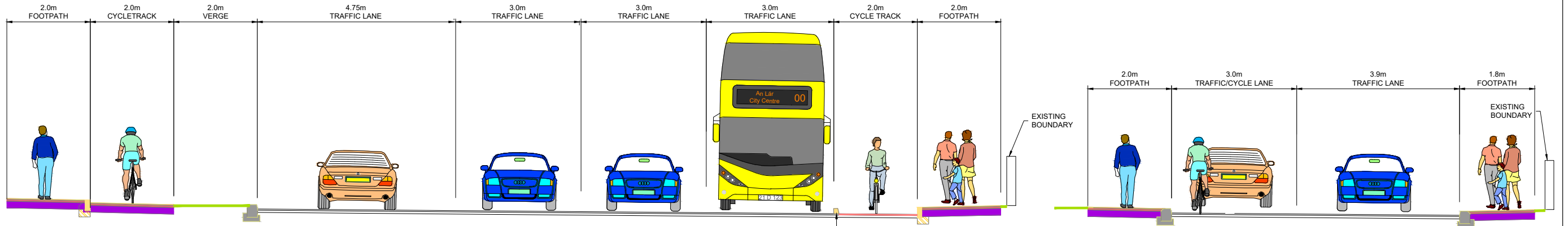
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02 of 02



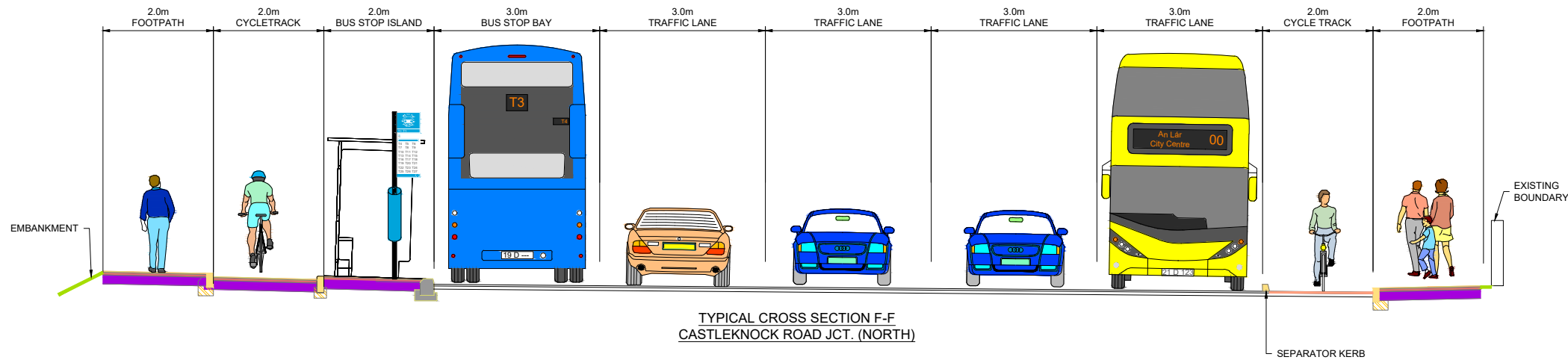
- NOTES:**
- 1. FOR SECTION LOCATIONS SEE DRAWING: MAY-MDC-HRW-LC02-DR-C-0173
 - 2. THE BOUNDARY TREATMENT SHOWN IS INDICATIVE ONLY.
 - 3. THE PROPOSED PAVEMENT CONSTRUCTION IS INDICATIVE ONLY.

						Client			<div><div><div>Tionscadal Éireann Project Ireland 2040</div><div>NTA Garda Náisiúnta Iomparáil National Transport Authority</div></div><div><div><div></div><div>Iarnród Éireann Irish Rail</div></div></div></div>			Project <div><div><div></div><div>DART+</div><div>West</div></div></div>			Drawing Title <div>ROADWORKS DESIGN - LC02: COOLMINE CASTLEKNOCK ROAD JUNCTION - CROSS SECTIONS SHEET 01 of 02</div>																				
V 01	April 2022	PLANNING ISSUE		KH	TL		MK	Drawing Number Project Originator Discipline Location Type Role Number Phase MAY MDC HRW LC02 DR C 0186 D																											
REV.	DATE	DESCRIPTION		PRODUCED BY			REVIEWED BY			APPROVED BY			Date: April 2022			Job No: P/101086			Status: F1 - Approved & Accepted			Rev: V 01			Sheet: 01 of 02										
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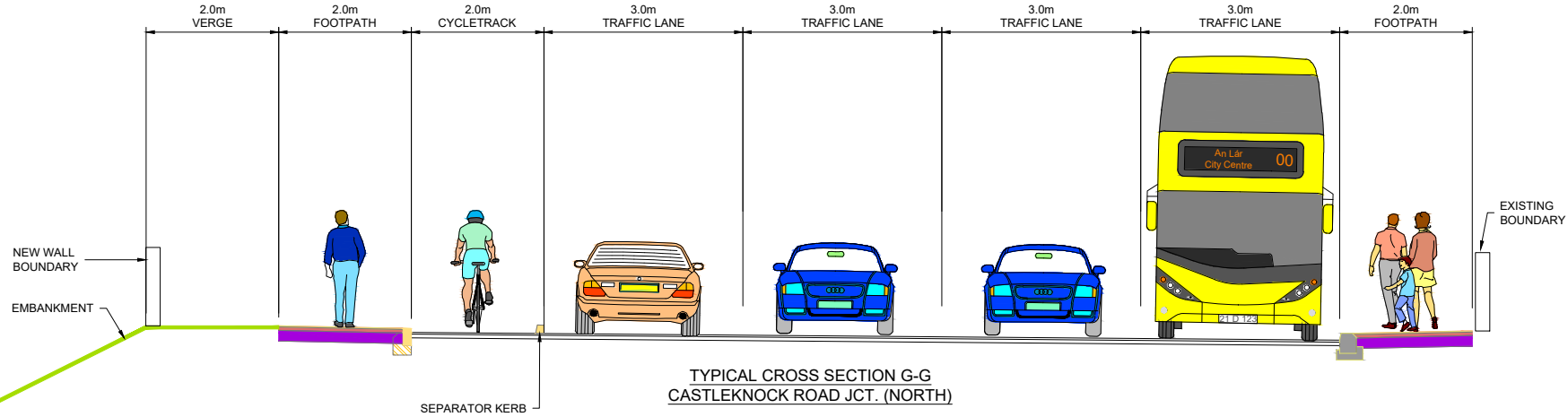


TYPICAL CROSS SECTION E-E
CASTLEKNOCK ROAD JCT. (NORTH)
LOCATED ON GA SHEET 01
DRAWING REF: MAY-MDC-HRW-LC02-DR-C-0173

TYPICAL CROSS SECTION H-H
CASTLEKNOCK ROAD JCT. (NORTH)
LOCATED ON GA SHEET 01
DRAWING REF: MAY-MDC-HRW-LC02-DR-C-0173



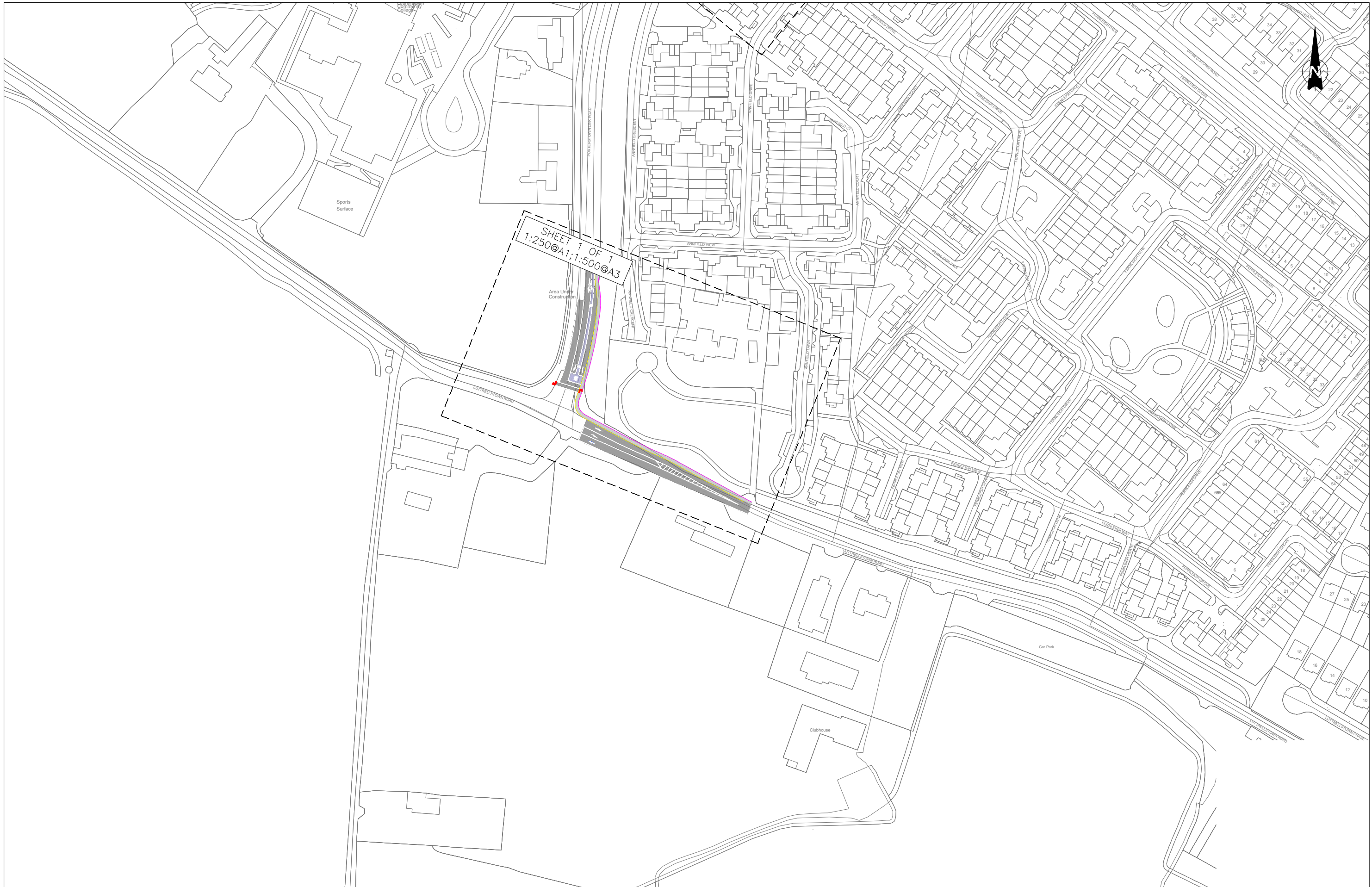
TYPICAL CROSS SECTION F-F
CASTLEKNOCK ROAD JCT. (NORTH)
LOCATED ON GA SHEET 01
DRAWING REF: MAY-MDC-HRW-LC02-DR-C-0173



TYPICAL CROSS SECTION G-G
CASTLEKNOCK ROAD JCT. (NORTH)
LOCATED ON GA SHEET 01
DRAWING REF: MAY-MDC-HRW-LC02-DR-C-0173

- NOTES:
- FOR SECTION LOCATIONS SEE DRAWING: MAY-MDC-HRW-LC02-DR-C-0173
 - THE BOUNDARY TREATMENT SHOWN IS INDICATIVE ONLY.
 - THE PROPOSED PAVEMENT CONSTRUCTION IS INDICATIVE ONLY.

						Client			  			Project						Drawing Title															
															ROADWORKS DESIGN - LC02: COOLMINE CASTLEKNOCK ROAD JUNCTION - CROSS SECTIONS SHEET 02 of 02																		
V 01	April 2022	PLANNING ISSUE										Consultant			  						Scale:			Drawing Number Project Originator Discipline Location Type Role Number Phase									
REV.	DATE	DESCRIPTION	KH			TL			MK									1:50 @ A1 1:100 @ A3			MAY MDC HRW LC02 DR C 0187 D												
			PRODUCED BY			REVIEWED BY			APPROVED BY												Date: April 2022 Job No: P/101086 Status: F1 - Approved & Accepted Rev: V 01 Sheet: 02 of 02												



<div><div></div><div></div><div></div></div>			<div>Client</div> <div><div><div><div></div><div>Tionscadal Éireann Project Ireland 2040</div></div><div><div>NTA</div><div>Údarás Náisiúnta Iomparáir National Transport Authority</div></div><div><div><div></div><div>larnród Éireann Irish Rail</div></div></div></div></div>			<div>Project</div> <div><div><div></div><div>DART+</div><div>West</div></div></div>			<div>Drawing Title</div> <div>ROADWORKS DESIGN - LC02: COOLMINE PORTERSTOWN ROAD JUNCTION - GENERAL ARRANGEMENT SHEET LAYOUT</div>		
<div><div><div>V 01</div><div>April 2022</div><div>PLANNING ISSUE</div></div><div><div>REV.</div><div>DATE</div><div>DESCRIPTION</div></div></div>			<div><div>GZ</div><div>TL</div><div>MK</div></div>			<div><div>Scale:</div><div>1:250 @ A1 1:500 @ A3</div><div><div>0</div><div>5</div><div>12.5</div><div>25</div><div>50</div></div></div>			<div><div>Drawing Number</div><div>Project</div><div>Originator</div><div>Discipline</div><div>Location</div><div>Type</div><div>Role</div><div>Number</div><div>Phase</div></div> <div>MAYMDC HRW LC02 DR C 0188 D</div>		
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NOTES

1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

2. ALL LEVELS ARE IN METRES ABOVE NATIONAL ORDNANCE DATUM. ALL LEVELS ARE IN METRES ABOVE NATIONAL ORDNANCE DATUM.

LEGEND

CARRIAGEWAY

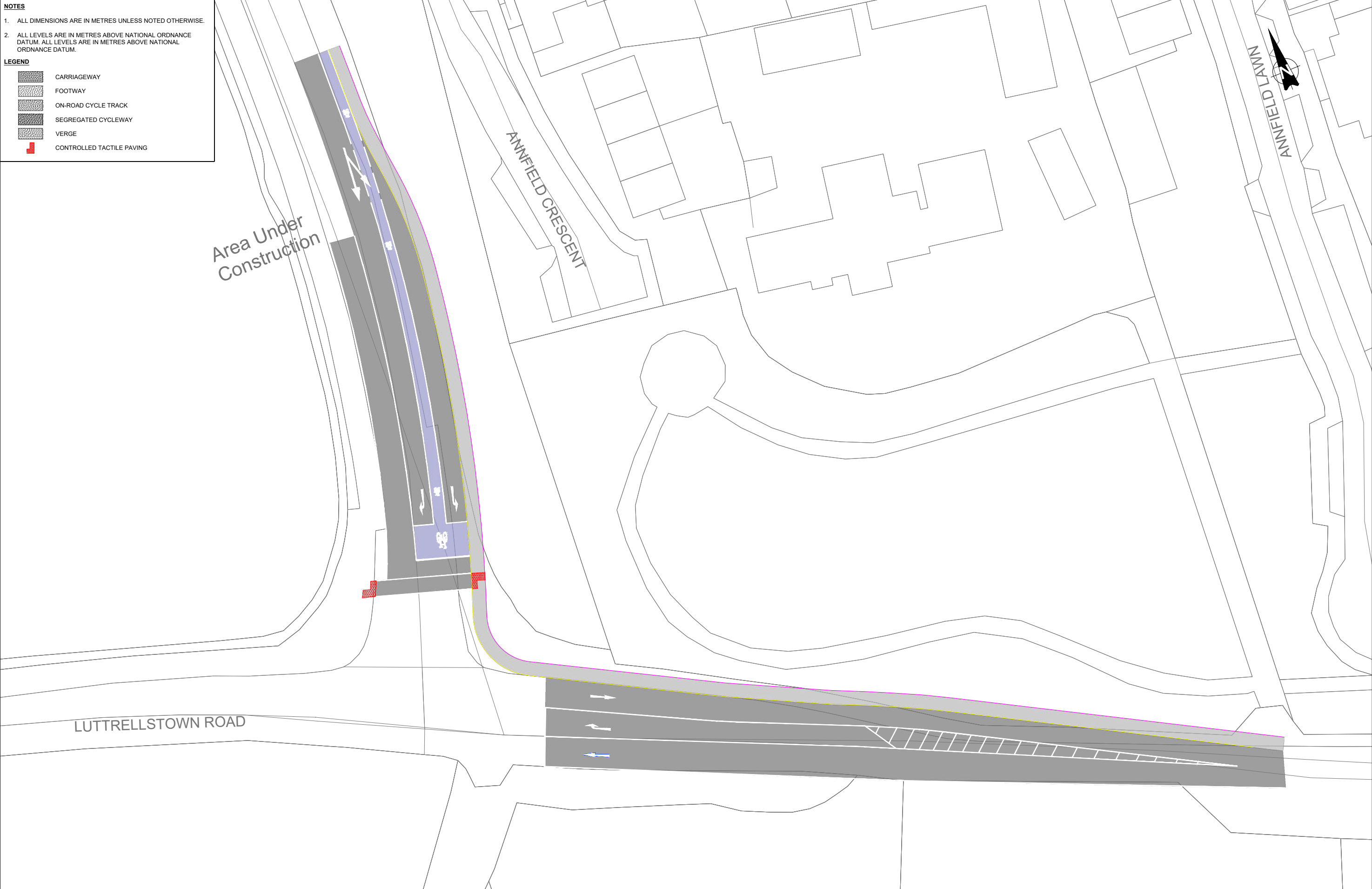
FOOTWAY

ON-ROAD CYCLE TRACK

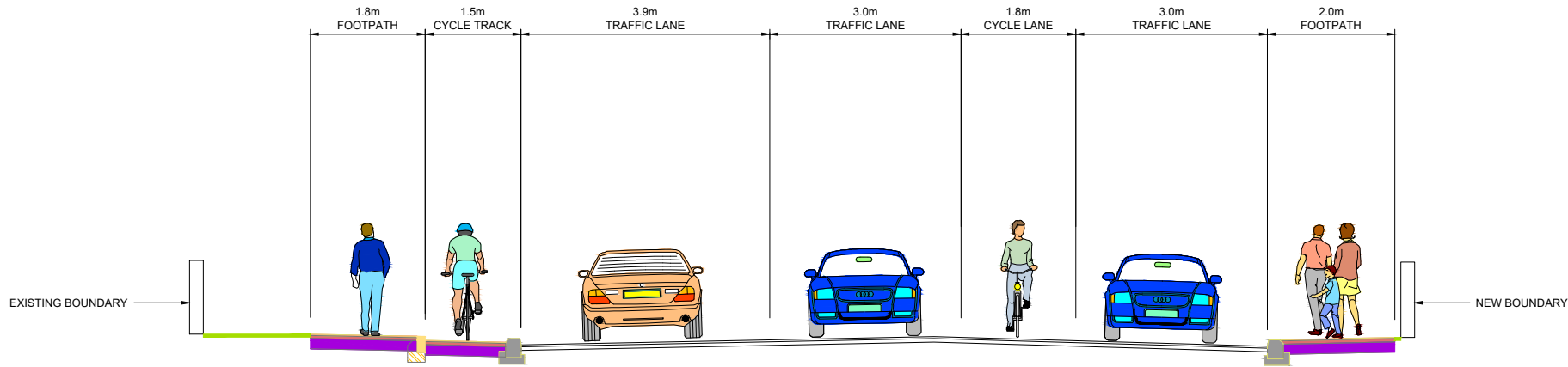
SEGREGATED CYCLEWAY

VERGE

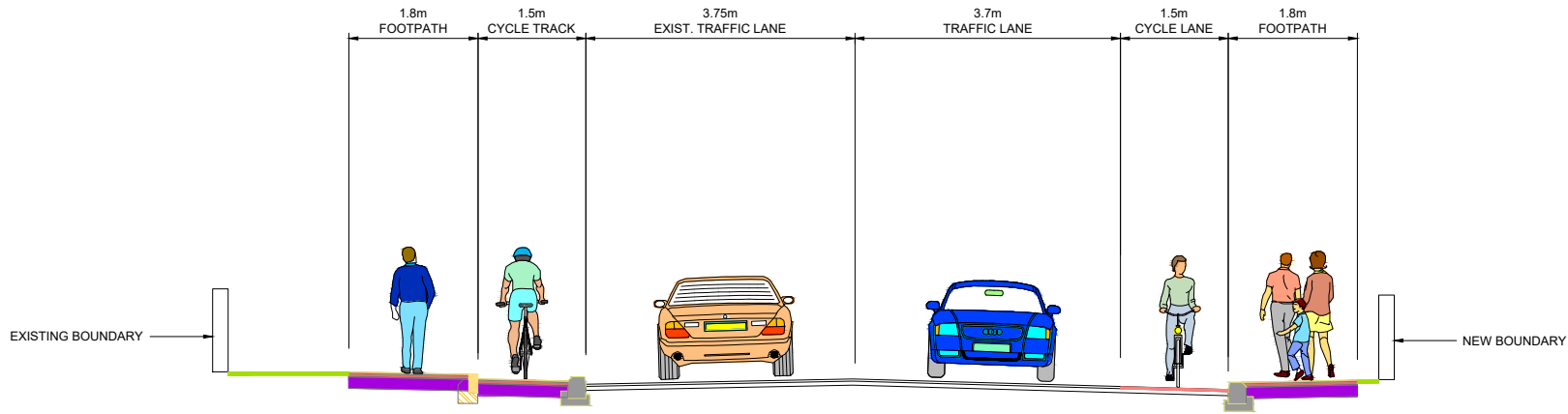
CONTROLLED TACTILE PAVING



			Client			Project			Drawing Title												
									ROADWORKS DESIGN - LC02: COOLMINE												
									PORTERSTOWN ROAD JUNCTION - GENERAL ARRANGEMENT												
									SHEET 1 OF 1												
V 01	April 2022	PLANNING ISSUE		GZ	TL	MK				Scale:											
REV.	DATE	DESCRIPTION	PRODUCED BY			REVIEWED BY			APPROVED BY			1:250 @ A1 1:500 @ A3			Drawing Number Project Originator Discipline Location Type Role Number Phase						
												0 3.125 6.25 12.5			MAY MDC HRW LC02 DR C 0189 D						
															Date: April 2022						
															Job No: P/101086						
															Status: F1 - Approved & Accepted						
															Rev: V 01						
															Sheet: 01 of 01						



TYPICAL CROSS SECTION A-A
PORTERSTOWN ROAD JCT. (NORTH)
LOCATED ON GA SHEET 01
DRAWING REF: MAY-MDC-HRW-LC02-DR-C-0188



TYPICAL CROSS SECTION B-B
PORTERSTOWN ROAD JCT. (NORTH)
LOCATED ON GA SHEET 01
DRAWING REF: MAY-MDC-HRW-LC02-DR-C-0188

- NOTES:**
- FOR SECTION LOCATIONS SEE DRAWING: MAY-MDC-HRW-LC02-DR-C-0188
 - THE BOUNDARY TREATMENT SHOWN IS INDICATIVE ONLY.
 - THE PROPOSED PAVEMENT CONSTRUCTION IS INDICATIVE ONLY.

V 01	April 2022	PLANNING ISSUE	KH	TL	MK
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
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Client



Consultant



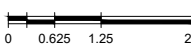
Project



Drawing Title

ROADWORKS DESIGN - LC02: COOLMINE
PORTERSTOWN ROAD JUNCTION - CROSS SECTIONS
SHEET 01 of 02

Scale:

1:50 @ A1 1:100 @ A3


Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase

MAY | MDC | HRW | LC02 | DR | C | 0195 | D

Date:

April 2022

Job No:

P/101086

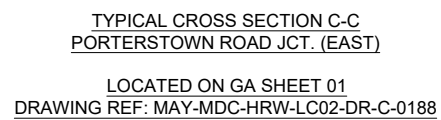
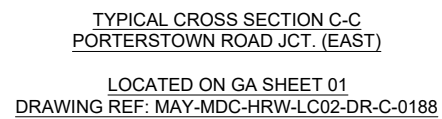
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F1 - Approved & Accepted

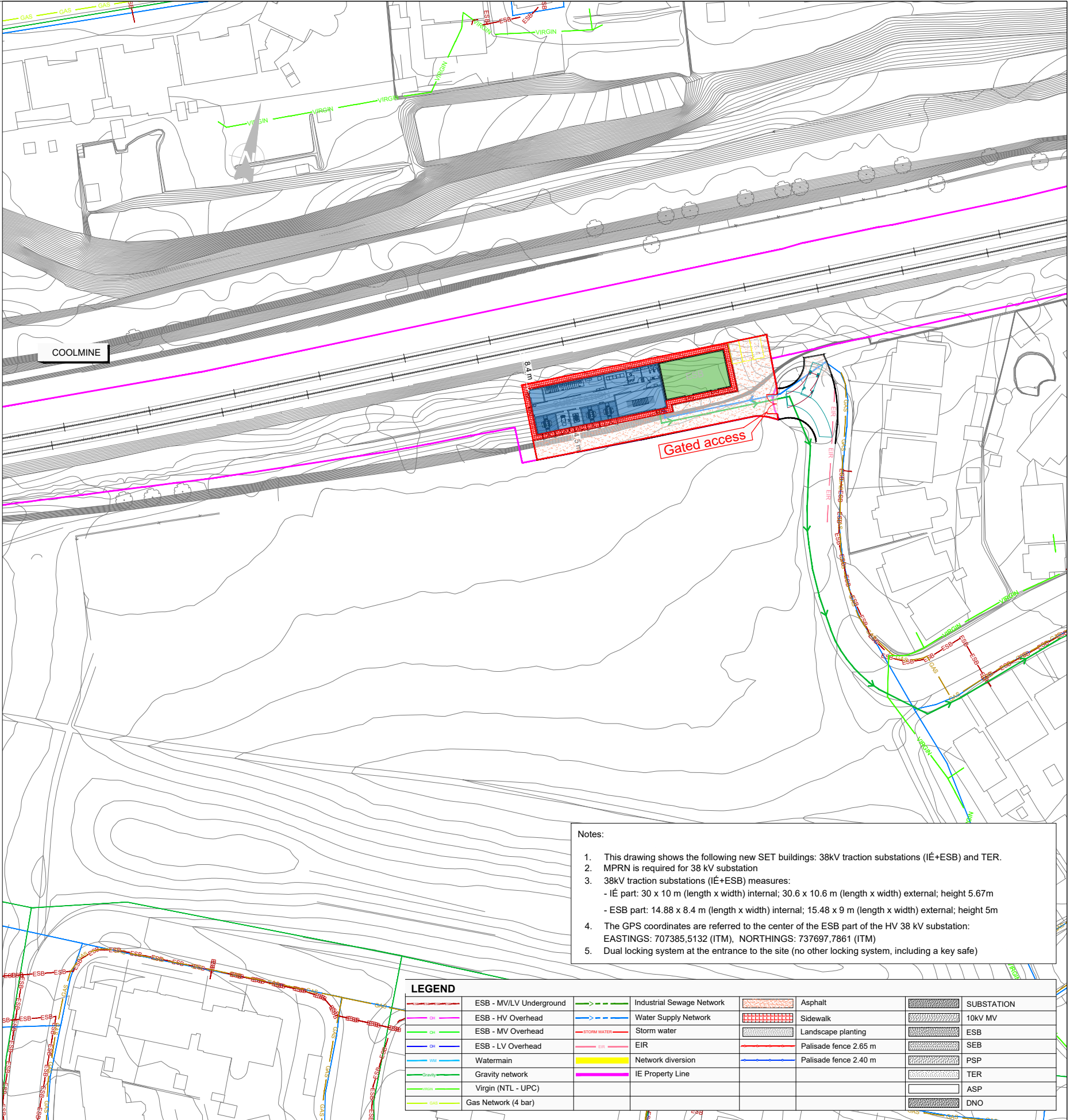
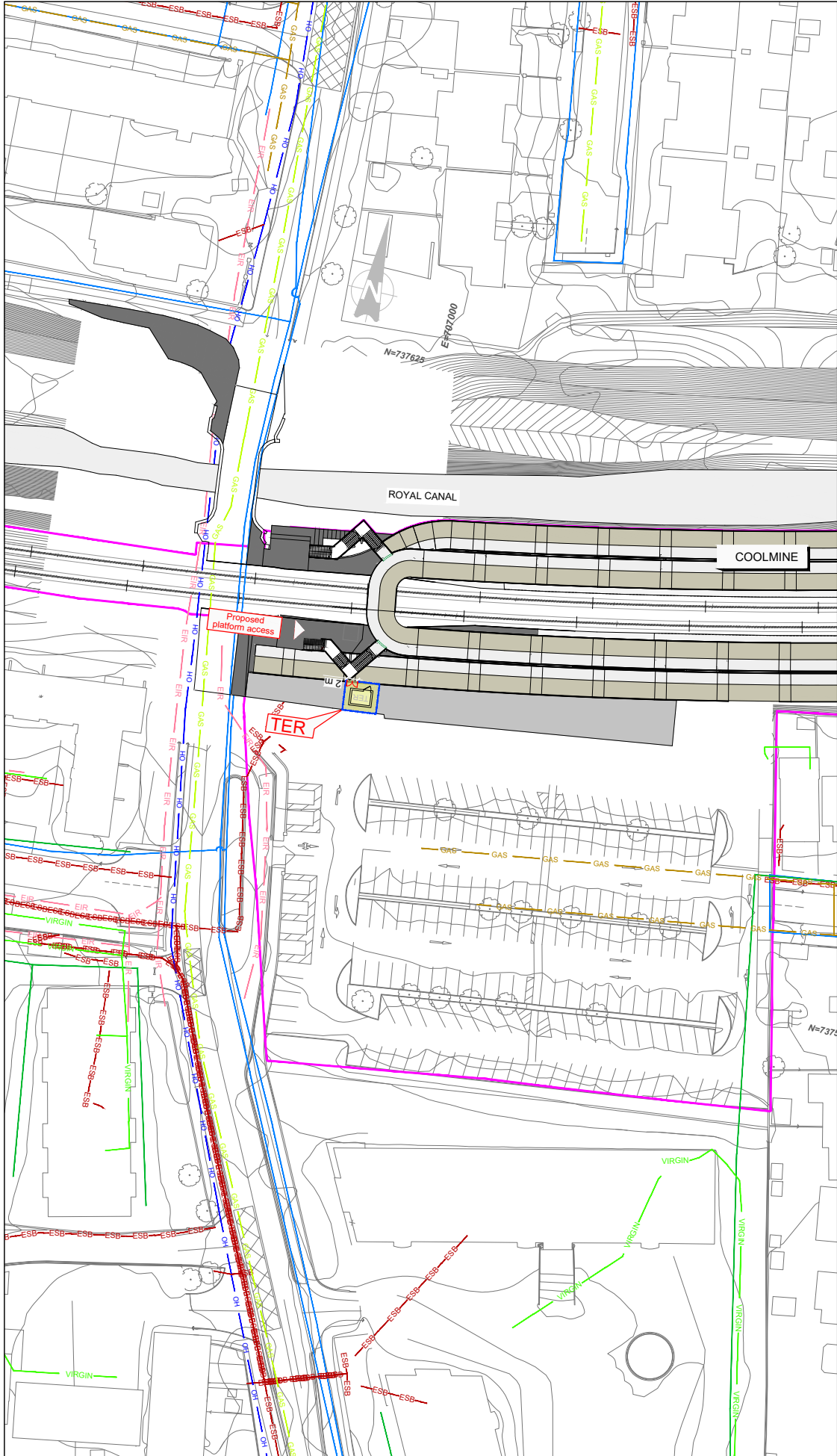
Rev:

V 01

Sheet: 01 of 02



Date:	Job No:	Status:	Rev:	
April 2022	P/101086	F1 - Approved & Accepted	V 01	Sheet: 02 of 02



- Notes:
1. This drawing shows the following new SET buildings: 38kV traction substations (IÉ+ESB) and TER.
 2. MPRN is required for 38 kV substation
 3. 38kV traction substations (IÉ+ESB) measures:
 - IÉ part: 30 x 10 m (length x width) internal; 30.6 x 10.6 m (length x width) external; height 5.67m
 - ESB part: 14.88 x 8.4 m (length x width) internal; 15.48 x 9 m (length x width) external; height 5m
 4. The GPS coordinates are referred to the center of the ESB part of the HV 38 kV substation:
EASTINGS: 707385,5132 (ITM), NORTHINGS: 737697,7861 (ITM)
 5. Dual locking system at the entrance to the site (no other locking system, including a key safe)

LEGEND			
ESB - MV/LV Underground	Industrial Sewage Network	Asphalt	SUBSTATION
ESB - HV Overhead	Water Supply Network	Sidewalk	10kV MV
ESB - MV Overhead	Storm water	Landscape planting	ESB
ESB - LV Overhead	EIR	Palisade fence 2.65 m	SEB
Watermain	Network diversion	Palisade fence 2.40 m	PSP
Gravity network	IÉ Property Line		TER
Virgin (NTL - UPC)			ASP
Gas Network (4 bar)			DNO

V01	April 2022	PLANNING ISSUE	MCG	MPT	CCS
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
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Client

Consultant

Project

Drawing Title

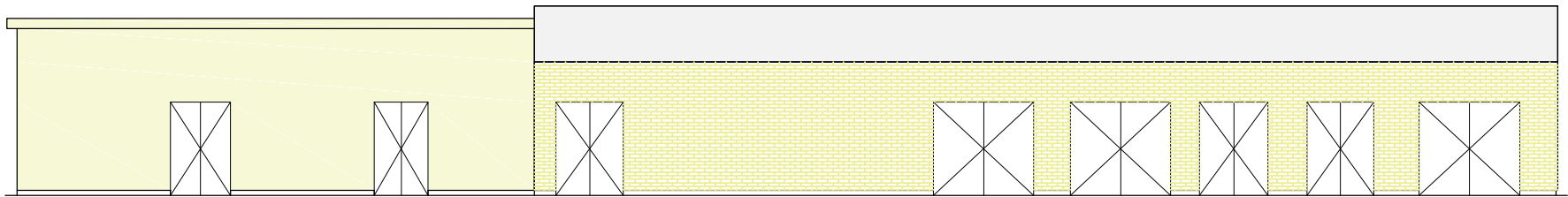
SET TECHNICAL BUILDINGS
COOLMINE

Scale: 1:500 @ A1

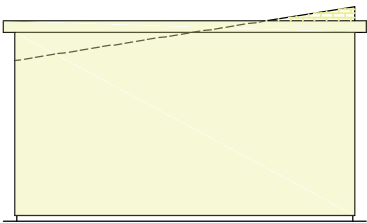
Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase

MAY MDC SET RS10 DR Z 0003 D

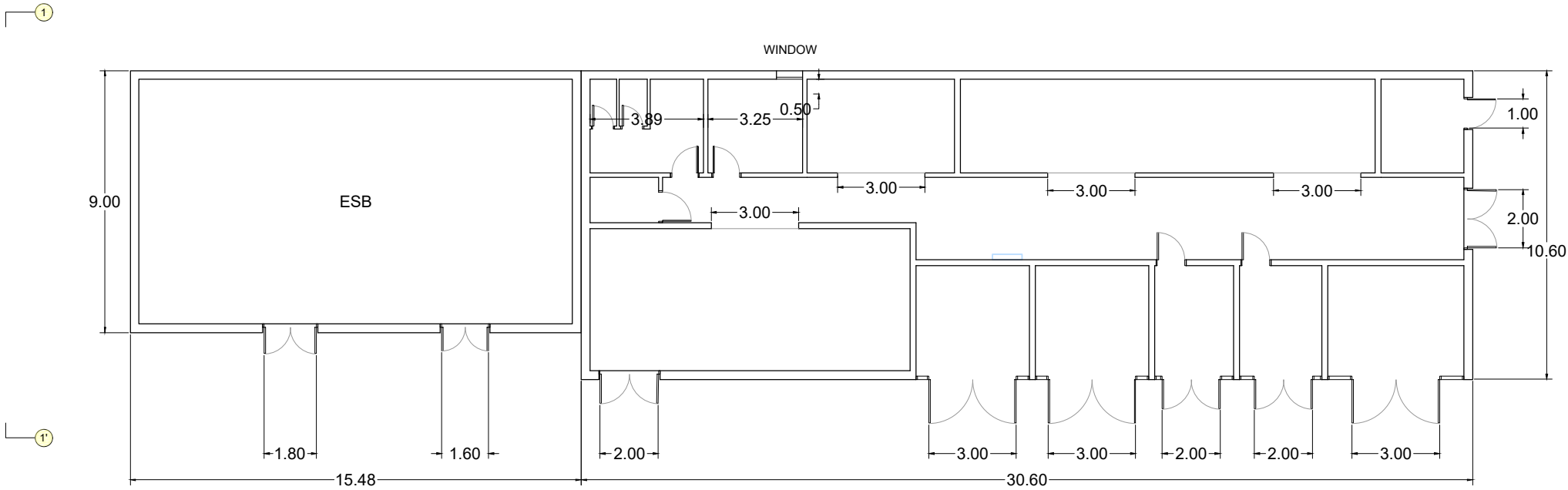
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FRONT VIEW



VIEW 1-1'



PLAN VIEW

						Client			<div><div></div><div></div><div></div></div>			Project			<div></div>			Drawing Title																				
V01	April 2022	PLANNING ISSUE	MCG			MPT			CCS			SET TECHNICAL BUILDINGS COOLMINE BUILDINGS DETAIL																										
REV.	DATE	DESCRIPTION	PRODUCED BY			REVIEWED BY			APPROVED BY																													
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<div><div><p>Scale: 1/200@ A3</p></div><div><table><tr><th>Drawing Number</th><th>Project</th><th>Originator</th><th>Discipline</th><th>Location</th><th>Type</th><th>Role</th><th>Number</th><th>Phase</th></tr><tr><td>MAY</td><td>MDC</td><td>SET</td><td>RS10</td><td>DR</td><td>Z</td><td>0010</td><td>D</td><td></td></tr><tr><td>Date:</td><td>April 2022</td><td>Job No: P/101086</td><td>Status: F1-Approved & accepted</td><td>Rev: V01</td><td colspan="4">Sheet: 01 of 02</td></tr></table></div></div>												Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase	MAY	MDC	SET	RS10	DR	Z	0010	D		Date:	April 2022	Job No: P/101086	Status: F1-Approved & accepted	Rev: V01	Sheet: 01 of 02			
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