

REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
V02	Mar 2022	SECOND SUBMISSION	GDV	JDR	CCH
V01	April 2021	FIRST SUBMISSION	BAC	CCH	TMK

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 All elevations are in metres and relate to OSi Geoid Model (OSGM02) Mean Head 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

Tionscald Éireann
Project Ireland
2040

NTA
National Transport Authority

Iarnród Éireann
Irish Rail

Consultant

IDOM

C3

PROJOD
E. O'ROGHA & D'ONOFRAN

Project

DART+
West

Drawing Title

STATION DESIGN
COOLMINE STATION
STATION LOCATION. EXISTING

Scale:

1:500 @ A1 - 1:1000 @ A3

Drawing Number

MAY MDC ARC RS10 DR A 0001 C

Date:

10/03/2022

Job No:

P/101086

Status:

S4 For Acceptance

Rev:

V02

Sheet: 1 of 2



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V02	Mar 2022	SECOND SUBMISSION	GDV	JDR	CCH

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Client

Tionscald Éireann
Project Ireland
2040

NTA
Náisiúnta Náisiúnta Iománaíochta
National Transport Authority

Iarnród Éireann
Irish Rail

Consultant

IDOM

C3

JROD
JOHNSON & O'DONOVAN

Project

DART+
West

Drawing Title

STATION DESIGN
COOLMINE STATION
STATION LOCATION, PROPOSED

Scale:

1:500 @ A1 - 1:1000 @ A3

Drawing Number

MAY MDC ARC RS10 DR A 0001 C

Date:

10/03/2022

Job No:

P/101086

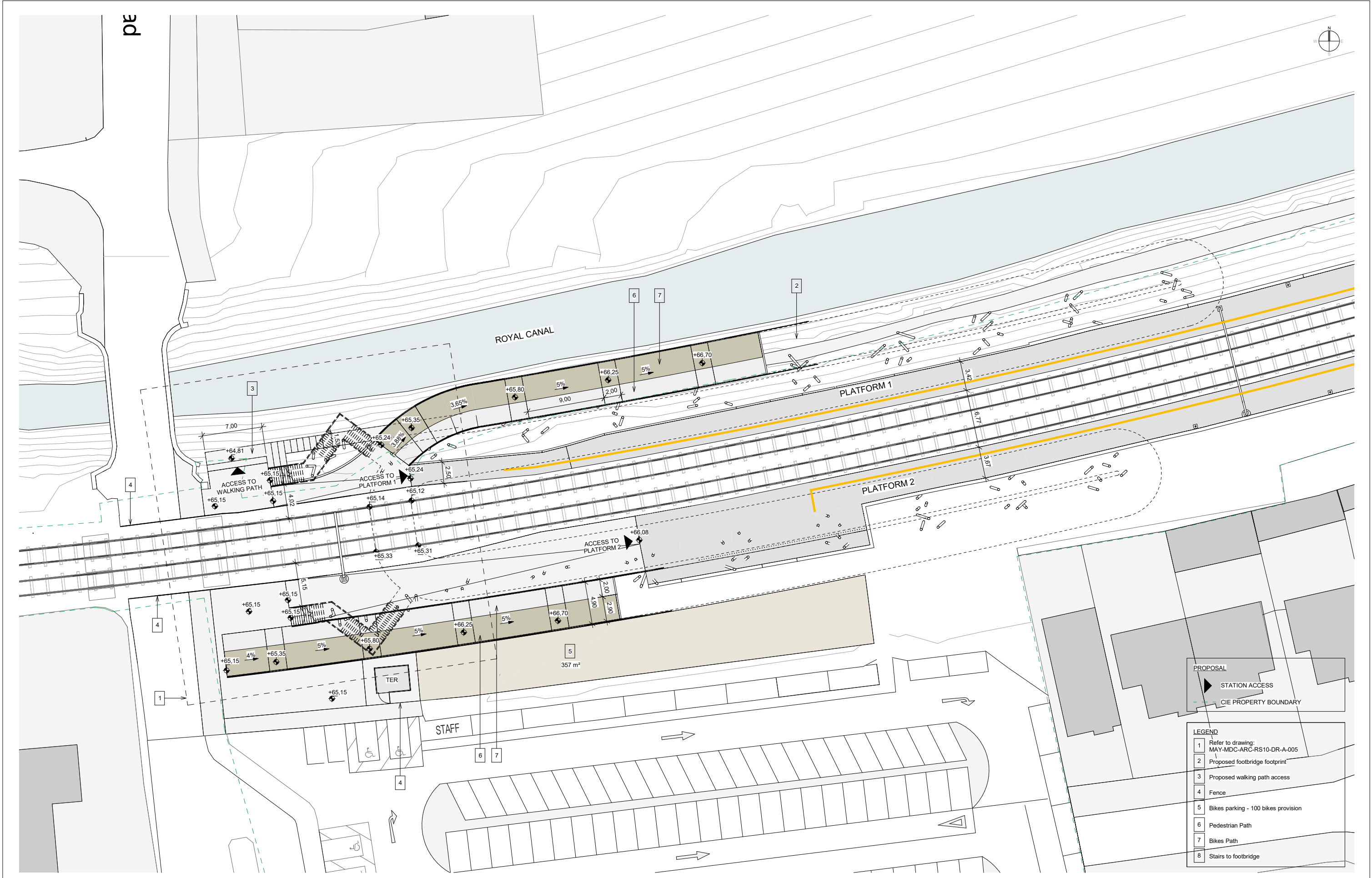
Status:

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Rev:

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Sheet: 2 of 2



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Client

Tionscald Éireann
Project Ireland
2040

NTA
National Transport Authority

Iarnród Éireann
Irish Rail

Consultant

IDOM

C3

PROJOD

Project

DART+
West

Drawing Title

STATION DESIGN
COOLMINE STATION
PLATFORM LEVEL PLAN

Scale:

1:200 @ A1 - 1:400 @ A3

Drawing Number

MAY MDC ARC RS10 DR A 0003 C

Date:

10/03/2022

Job No:

P/101086

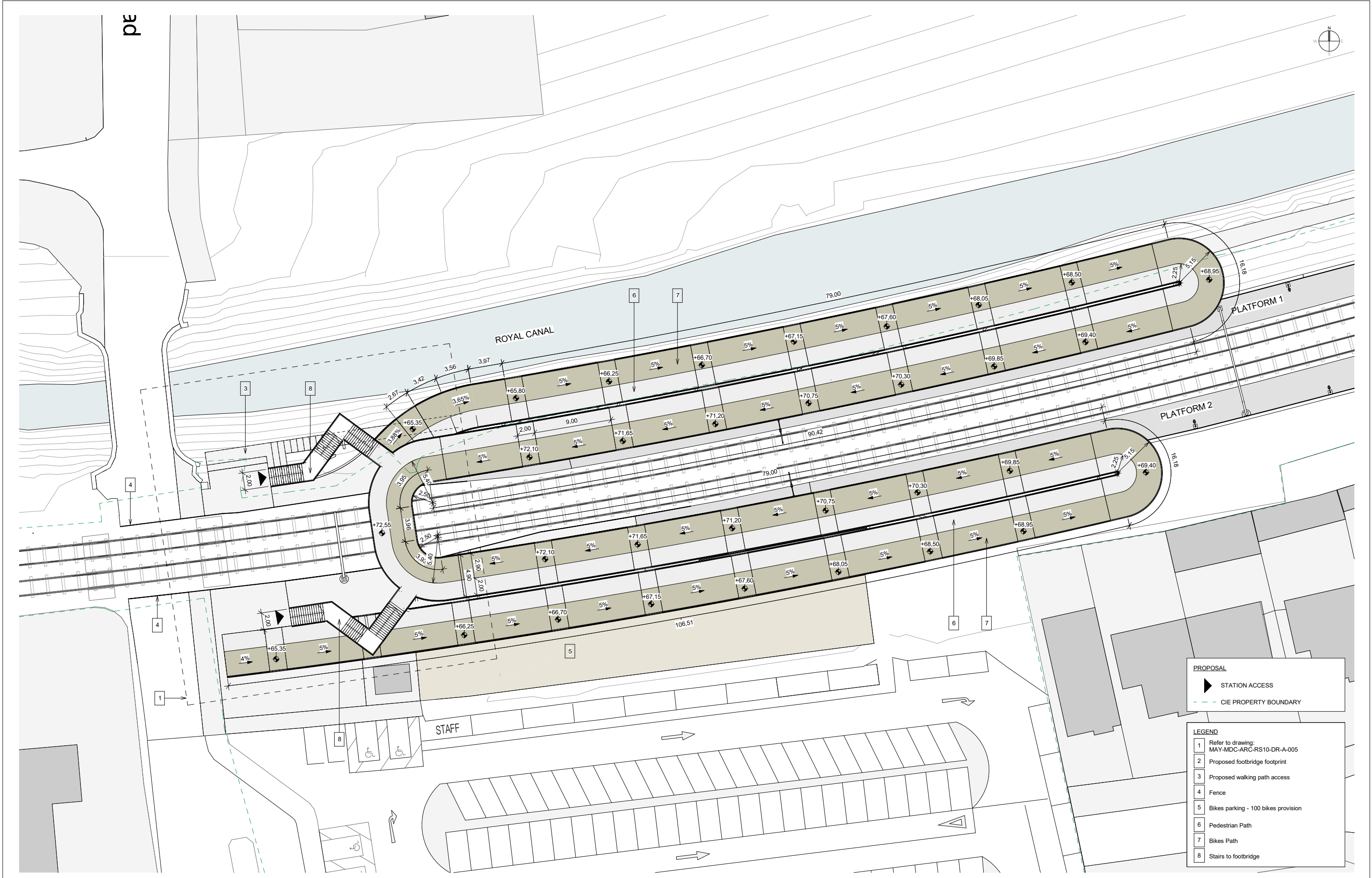
Status:

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Rev:

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Client

Tionscadal Éireann Project Ireland 2040

NTA *Núacht Náisiúnta Iompar* National Transport Authority

Iarnród Éireann Irish Rail

Consultant

IDOM

C3

PROJOD

Project

DART+ West

Drawing Title

STATION DESIGN
COOLMINE STATION
FOOTBRIDGE LEVEL PLAN

Scale:

1:200 @ A1 - 1:400 @ A3

Drawing Number

MAY MDC ARC RS10 DR A 0003 C

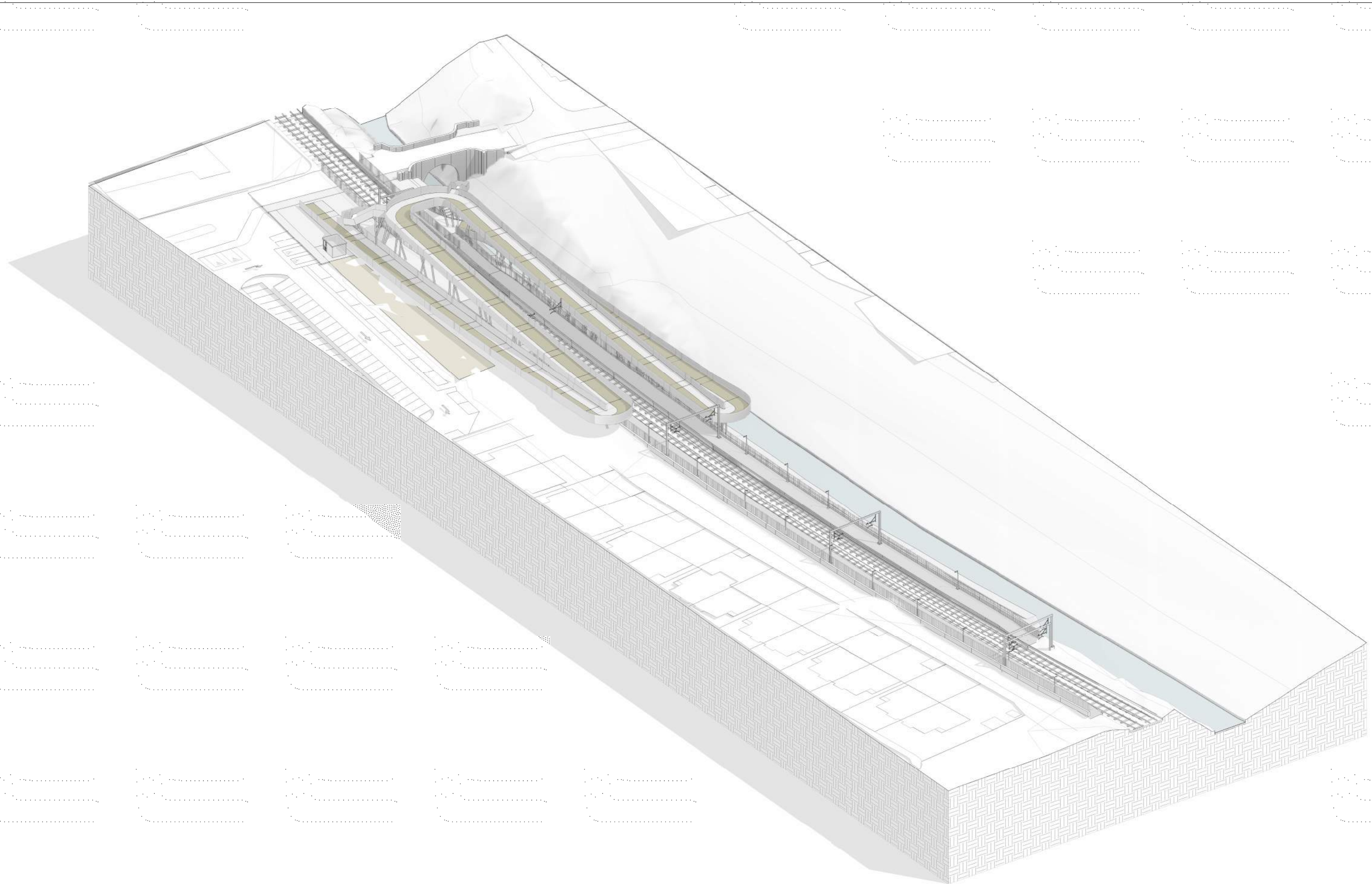
Date: 10/03/2022

Job No: P/101086

Status: S4 For Acceptance

Rev: V02

Sheet: 2 of 2



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Client

Tionscald Éireann
Project Ireland 2040

NTA
Náisiúnta Aonúis Iománaíochta
National Transport Authority

Iarnród Éireann
Irish Rail

Consultant

IDOM

C3

PROJOD
EÓRÓGAN & D'ÓDÓICVÁN

Project

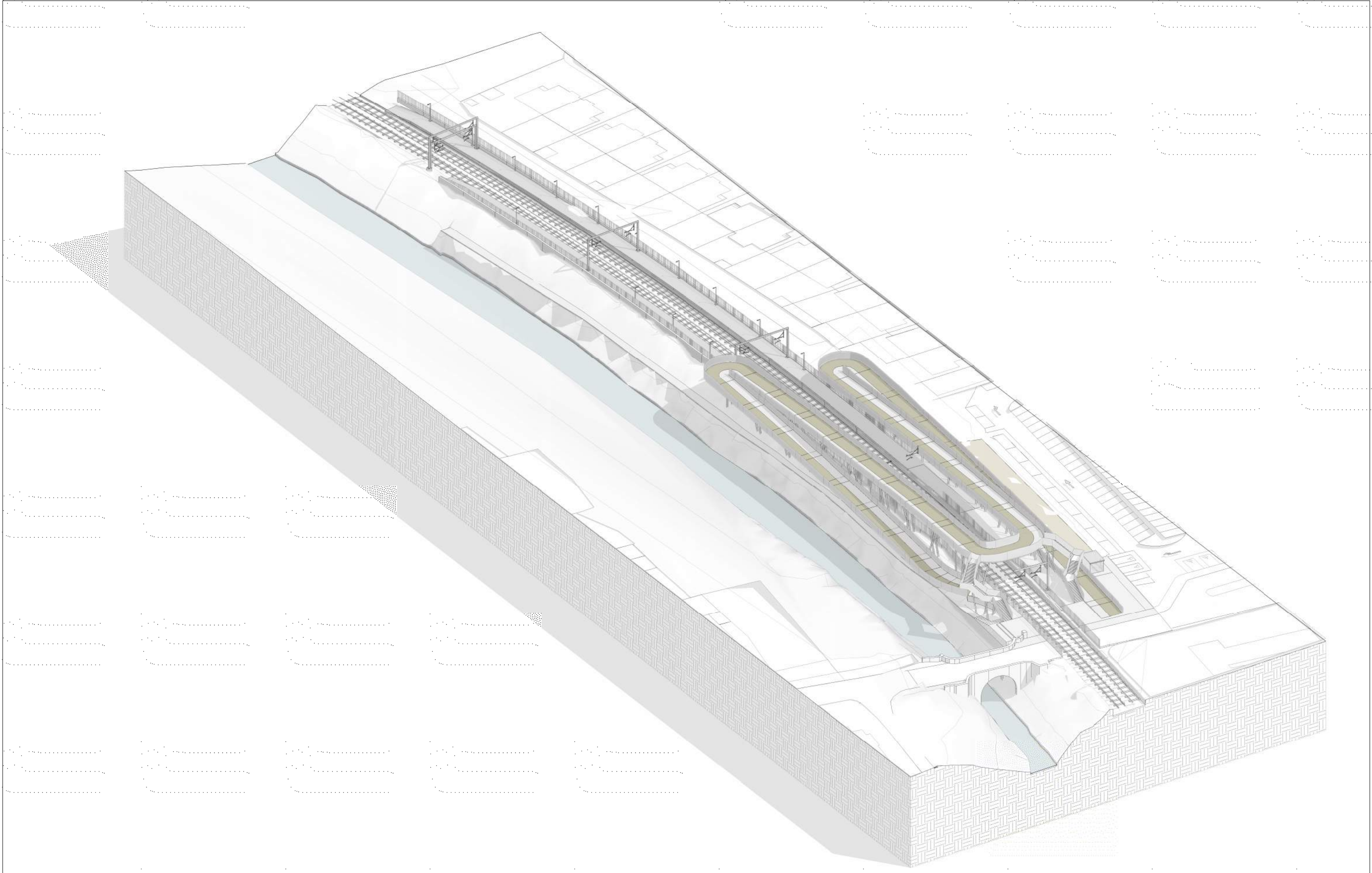
DART+
West

Drawing Title

STATION DESIGN
COOLMINE STATION
AXONOMETRIC VIEW

Scale:
1:-- @ A1 - 1:-- @A3

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	RS10	DR	A	0004	C
Date:	Job No:	Status:	Rev:					
10/03/2022	P/101086	S4 For Acceptance	V02	Sheet: 1 of 2				



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Client

Consultant

Project

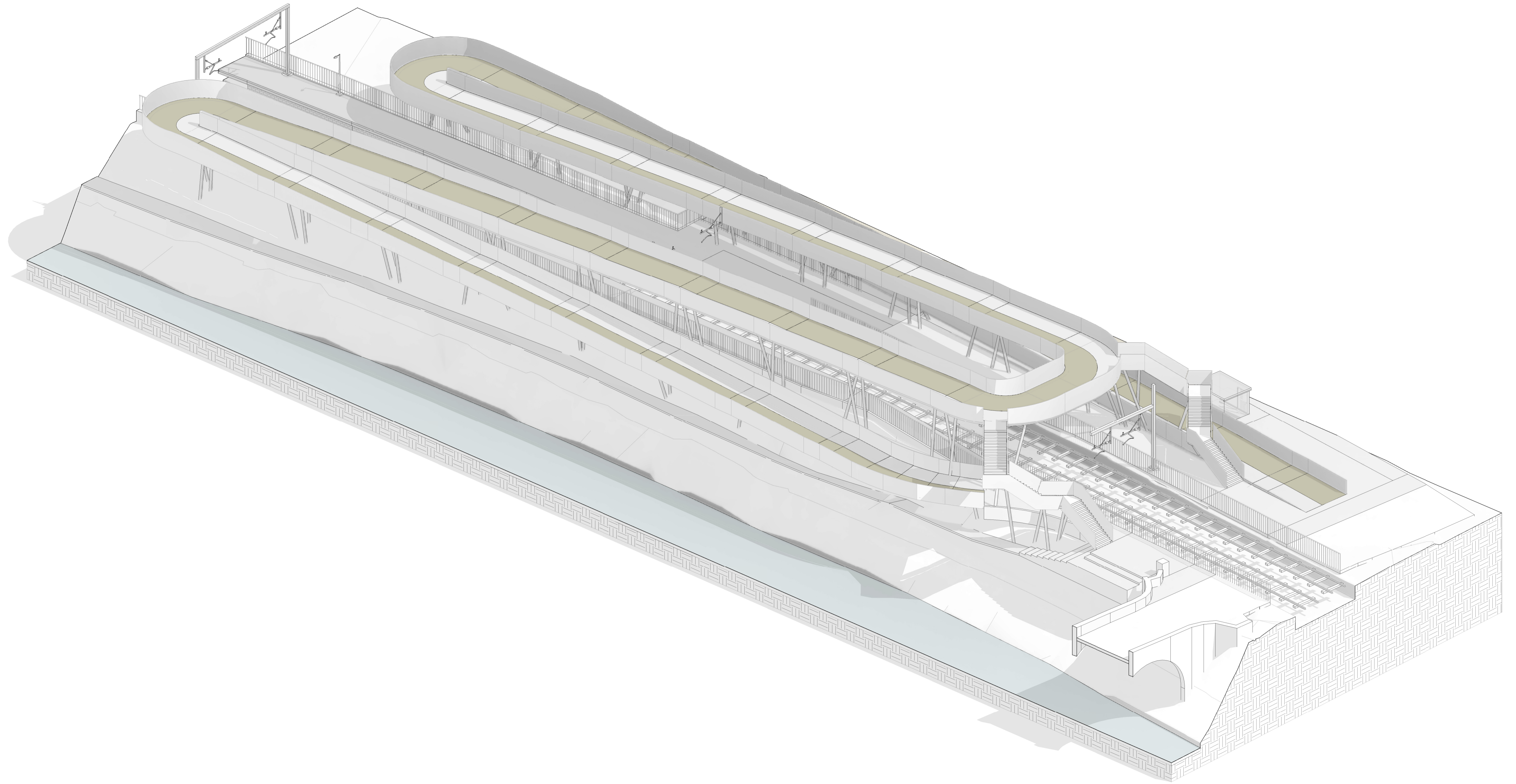
Drawing Title

STATION DESIGN
COOLMINE STATION
AXONOMETRIC VIEW

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

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	RS10	DR	A	0004	C
Date:	Job No:	Status:	Rev:					
10/03/2022	P/101086	S4 For Acceptance	V02					

Sheet: 2 of 2



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Client

Consultant

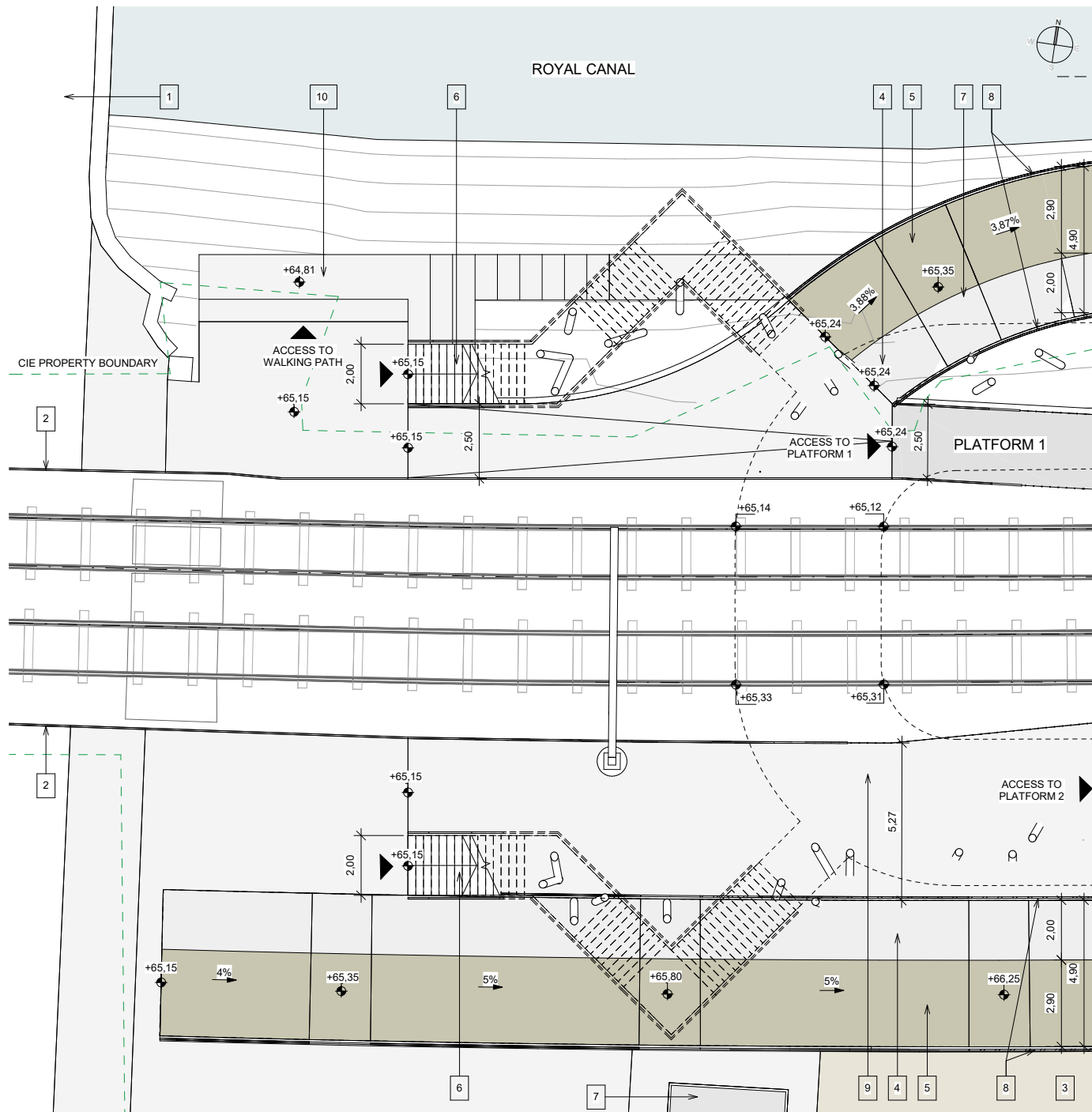
Project

Drawing Title

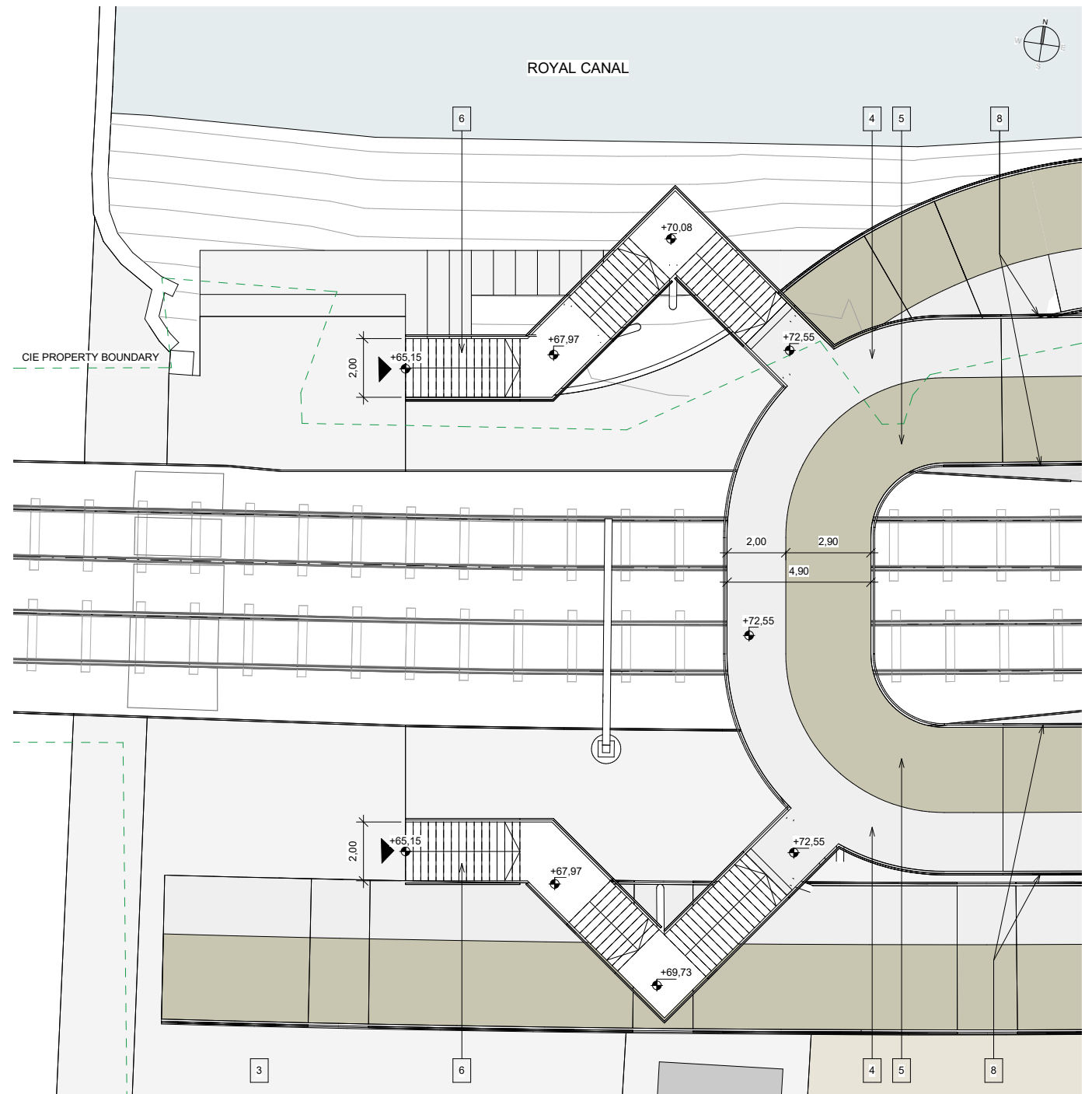
**STATION DESIGN
COOLMINE STATION
FOOTBRIDGE. AXONOMETRIC VIEW**

Scale: 1:-- @ A1 - 1:-- @A3

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	RS10	DR	A	0009	C
Date: 10/03/2022	Job No: P/101086	Status: S4 For Acceptance	Rev: V02	Sheet: 1 of 1				



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 to footbridge
7	New TER
8	Footbridge railing Variable height 1.40m/1.80m
9	Proposed footbridge footprint
10	Proposed walking path access

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Client

Tionscald Éireann Project Ireland 2040

NTA Náisiúnta Aonúis Iompartha National Transport Authority

Iarnród Éireann Irish Rail

Consultant

IDOM

C3

PROJ ROD

Project

DART+ West

Drawing Title

STATION DESIGN
COOLMINE STATION
FOOTBRIDGE PLANS

Scale: 1:100 @ A1 - 1:200 A3

Drawing Number: MAY MDC ARC RS10 DR A 0005 C

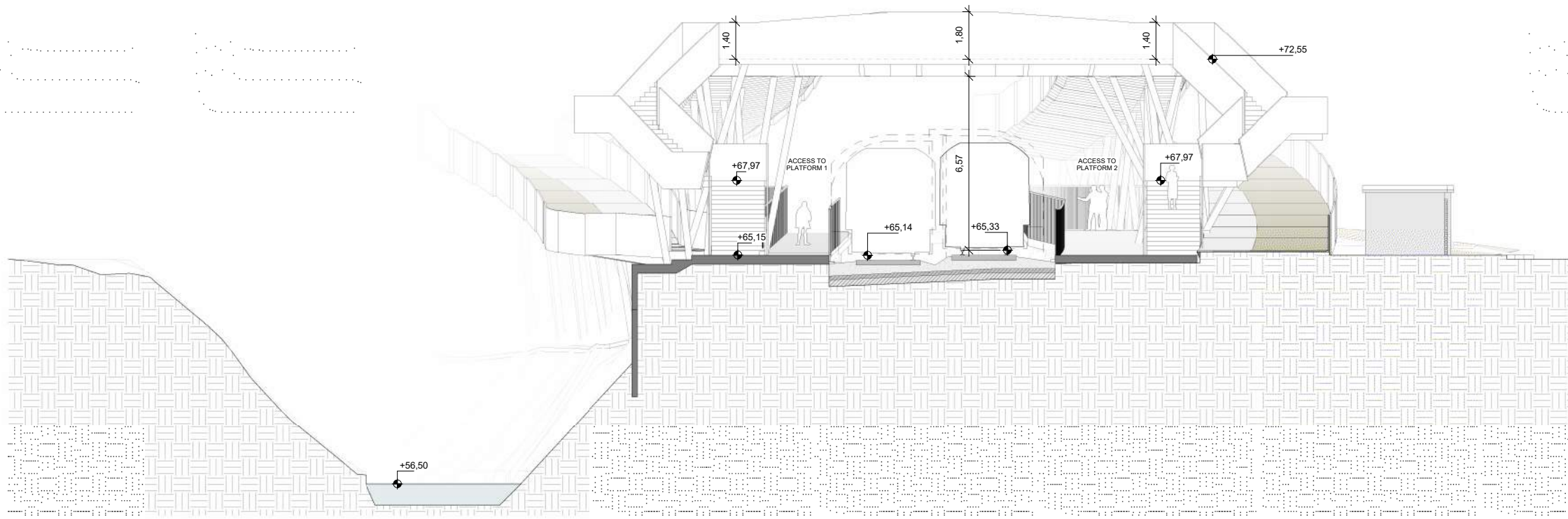
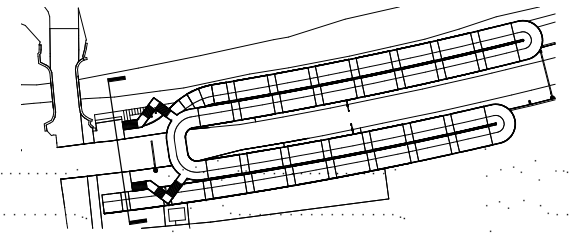
Date: 10/03/2022

Job No: P/101086

Status: S4 For Acceptance

Rev: V02

Sheet: 1 of 1



1 | Footbridge Elevation
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 clearance under the bridge: 4.70m

REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
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Client

Tionscail Éireann Project Ireland 2040

NTA *Náisiúnta Aonúis Iompartha* National Transport Authority

Consultant

IDOM

C3

IRIOD *ÉIREANN & D'ÉIRIOCHTAN*

Project

DART+ West

Drawing Title

STATION DESIGN
COOLMINE STATION
FOOTBRIDGE: ELEVATION

Scale:
1:100 @ A1 - 1:200 A3

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

Date: 10/03/2022 | **Job No.:** P/101086 | **Status:** S4 For Acceptance | **Rev:** V02 | **Sheet:** 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
	ROUNDABOUT OVER-RIDE AREA
	FOOTWAY
	CYCLEWAY
	VERGE
	EMBANKMENT
	UNCONTROLLED TACTILE PAVING

Client	Tionscail Éireann Project Ireland 2040		
Consultant	IDOM	NTA Údair Náisiúnta Iompar National Transport Authority	IAROD ÉIDHANN & 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
MAY	MDC	HRW	LC02
DR	C	0100	D
Date:	Job No:	Status:	Rev:
April 2022	P/101086	F1 - Approved & Accepted	V 01
Sheet:	01 of 01		

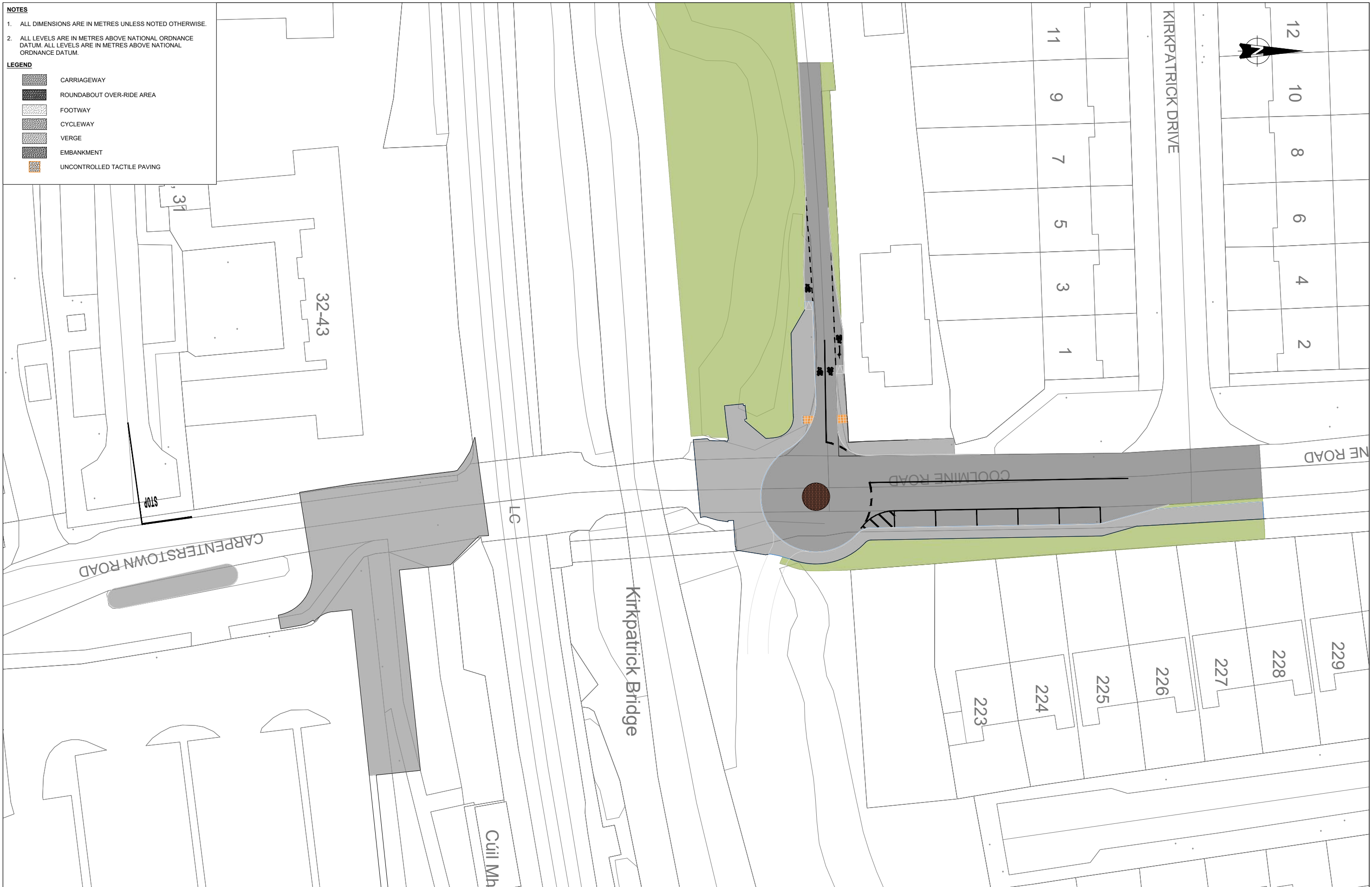
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NOTES

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LEGEND

- CARRIAGEWAY
- ROUNDBABOUT OVER-RIDE AREA
- FOOTWAY
- CYCLEWAY
- VERGE
- EMBANKMENT
- UNCONTROLLED TACTILE PAVING



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

Consultant

Project

Drawing Title

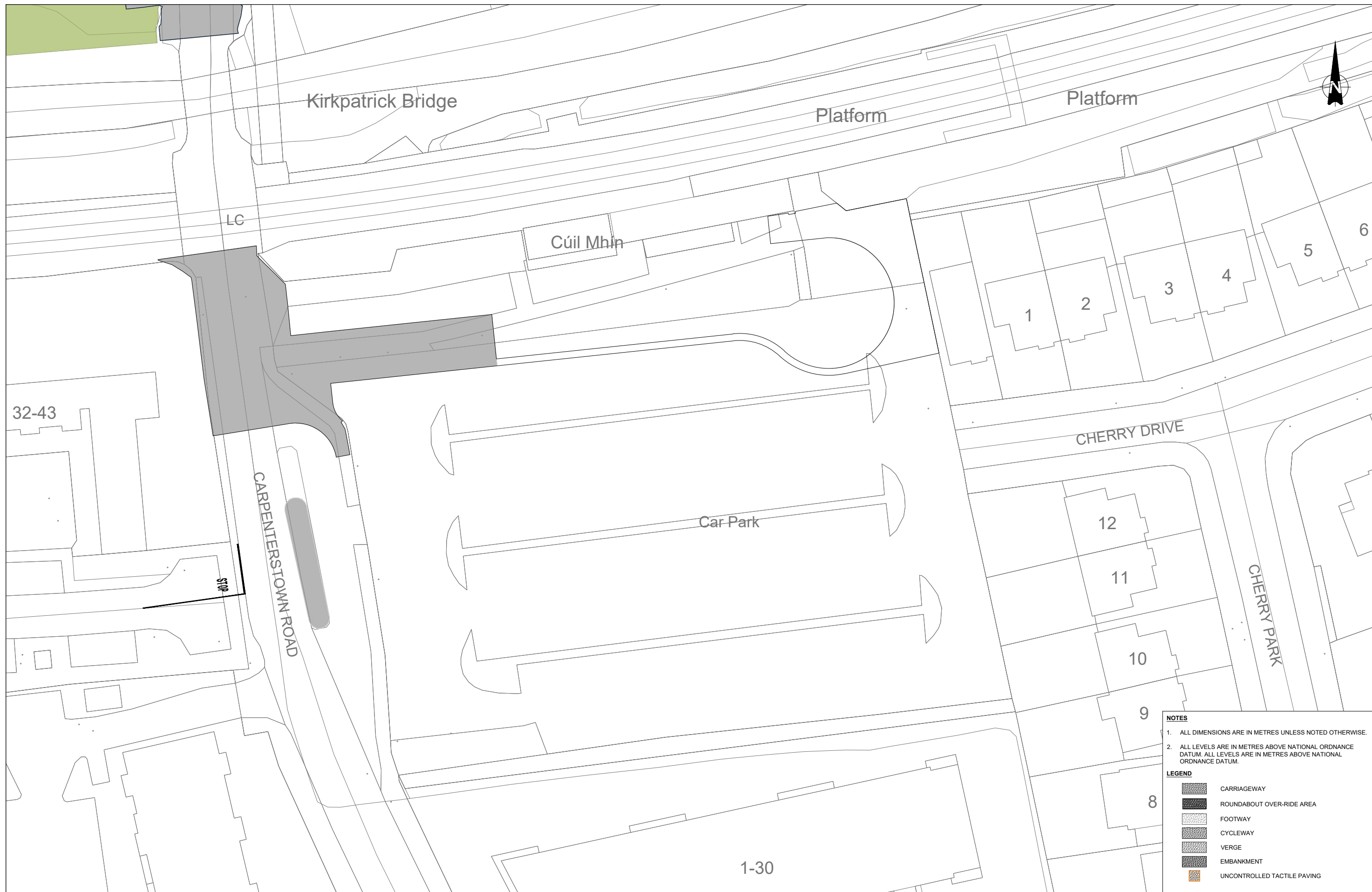
ROADWORKS DESIGN - LC02: COOLMINE LEVEL CROSSING - GENERAL ARRANGEMENT SHEET 1 OF 1

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

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

MAY MDC HRW LC02 DR C 0101 D

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



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LEGEND

- CARRIAGEWAY
- ROUNDABOUT OVER-RIDE AREA
- FOOTWAY
- CYCLEWAY
- VERGE
- EMBANKMENT
- UNCONTROLLED 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 Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station T8BAGHT C6BGE (TLLO).

Client

Consultant

Project

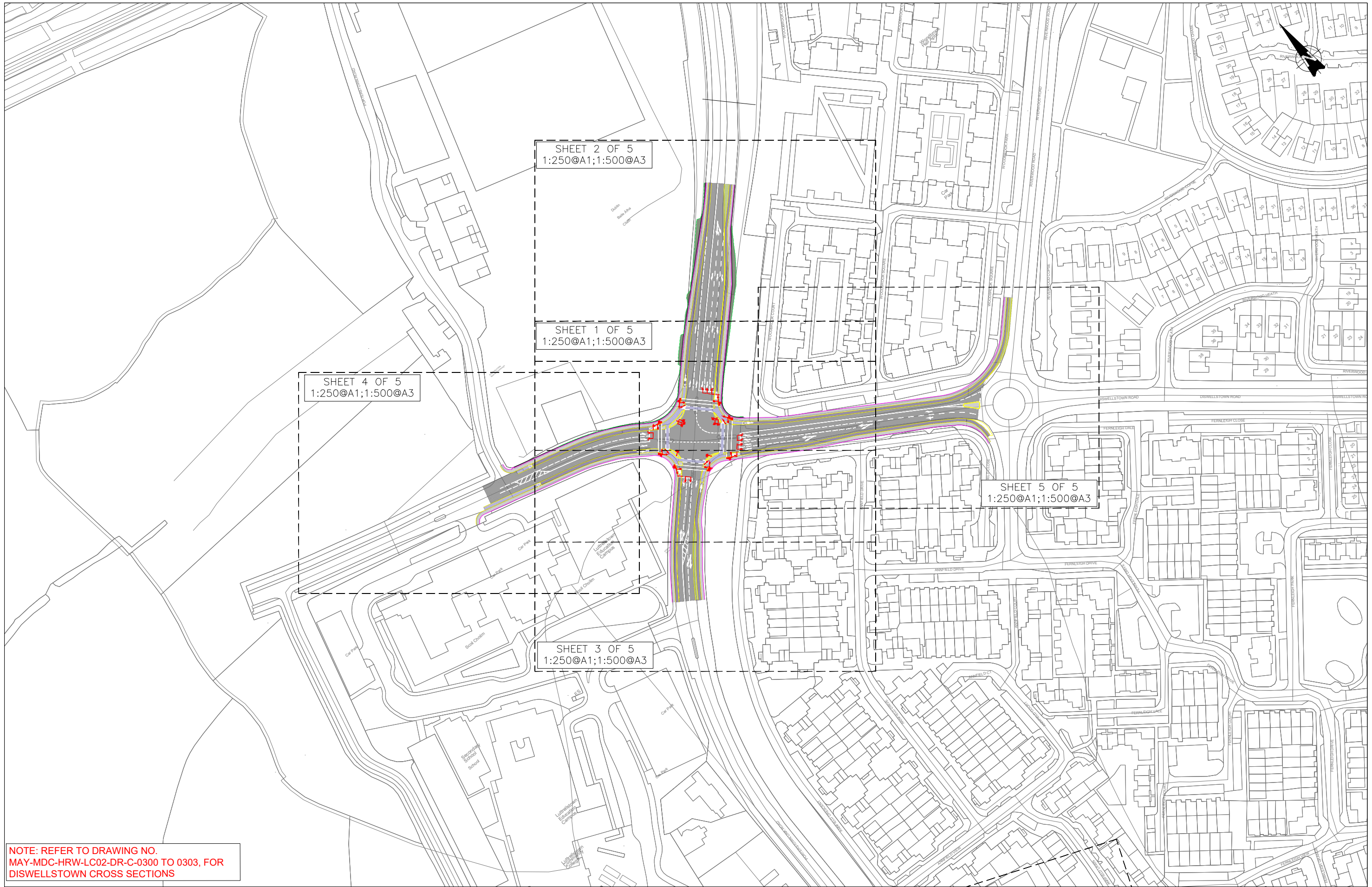
Drawing Title

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 D

Date: April 2022 Job No: P/101086 Status: F1 - Approved & Accepted Rev: V 01 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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Tionscatal Éireann
Project Ireland
2040

NTA
Oideas Náisiúnaí Tionscail
National Transport Authority

Iarnród Éireann
Irish Rail

Consultant

IDOM

G3

PROD
RODUNAN & O'DONOVAN

Project

DART+
West

Drawing Title

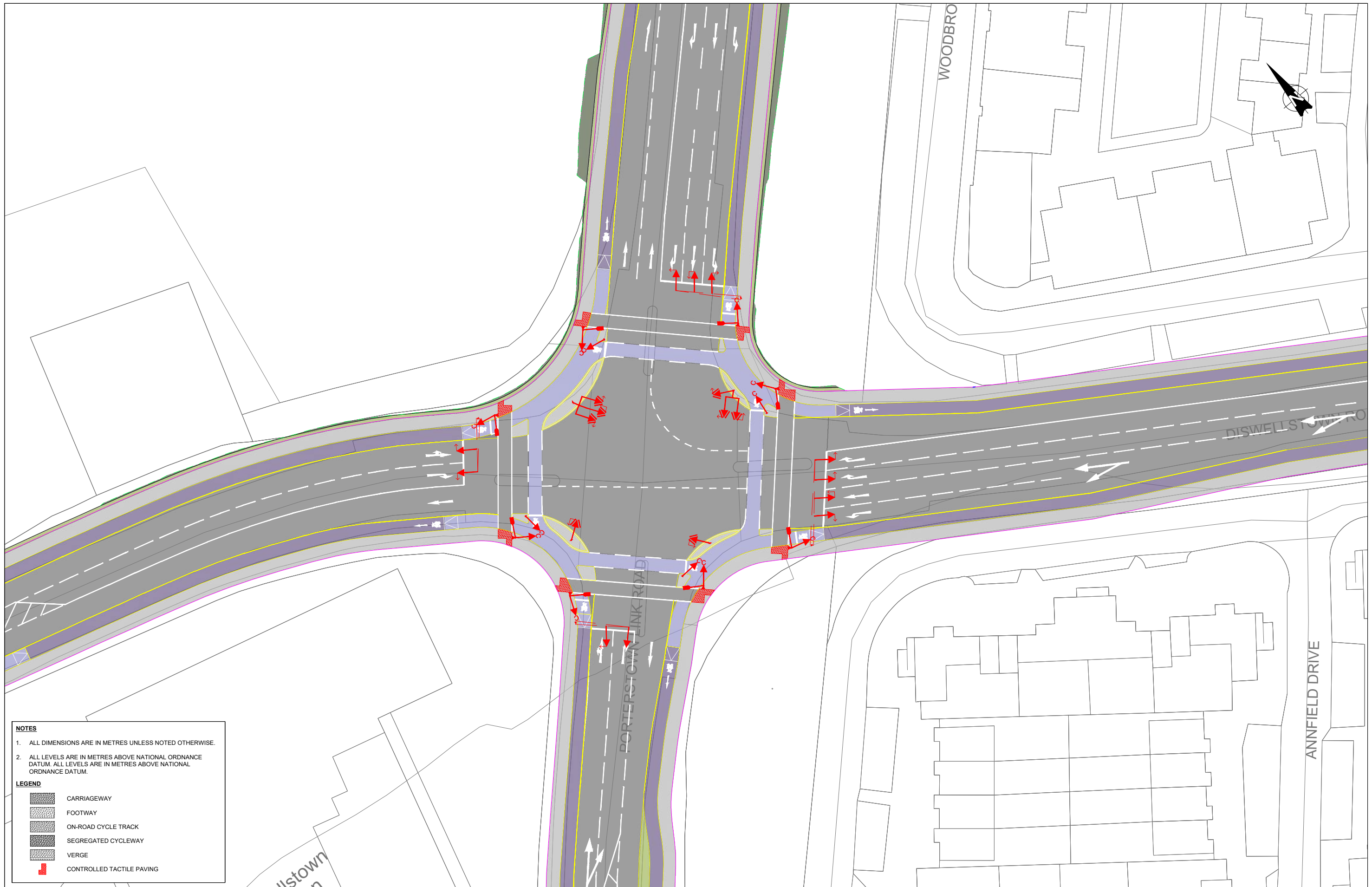
ROADWORKS DESIGN - LC02: COOLMINE
DISWELLSTOWN ROAD JUNCTION - GENERAL ARRANGEMENT
SHEET LAYOUT

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

Scale:
1:1000 @ A1 1:2000 @ A3

0 5 12.5 25 50



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LEGEND

- CARRIAGEWAY
- FOOTWAY
- ON-ROAD CYCLE TRACK
- SEGREGATED CYCLEWAY
- VERGE
- CONTROLLED TACTILE PAVING

Client	Tionscail Éireann Project Ireland 2040							
Consultant	IDOM							
Project	DART+ West							
Drawing Title	ROADWORKS DESIGN - LC02: COOLMINE DISWELLSTOWN ROAD JUNCTION - GENERAL ARRANGEMENT SHEET 1 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	0116	D	D
Date:	Job No:	Status:	Rev:					
April 2022	P/101086	F1 - Approved & Accepted	V 01	Sheet: 01 of 05				

Client

Project

Consultant

NTA
Údarás Náisiúnta Iompar
National Transport Authority

larród Éireann
Irish Rail

ROD
RÓDHAIR & O'DONOVAN

Client

Project

Consultant

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Irish Rail

ROD
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LEGEND

- CARRIAGEWAY
- FOOTWAY
- ON-ROAD CYCLE TRACK
- SEGREGATED CYCLEWAY
- VERGE
- CONTROLLED TACTILE PAVING

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 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Client

Tionscatal Éireann
Project Ireland
2040

NTA
Údair Náisiúnta Iomparáil
National Transport Authority

Iarnród Éireann
Irish Rail

Consultant

IDOM

3

PROD
EODHRAH & O'CONNOR

Project

DART+
West

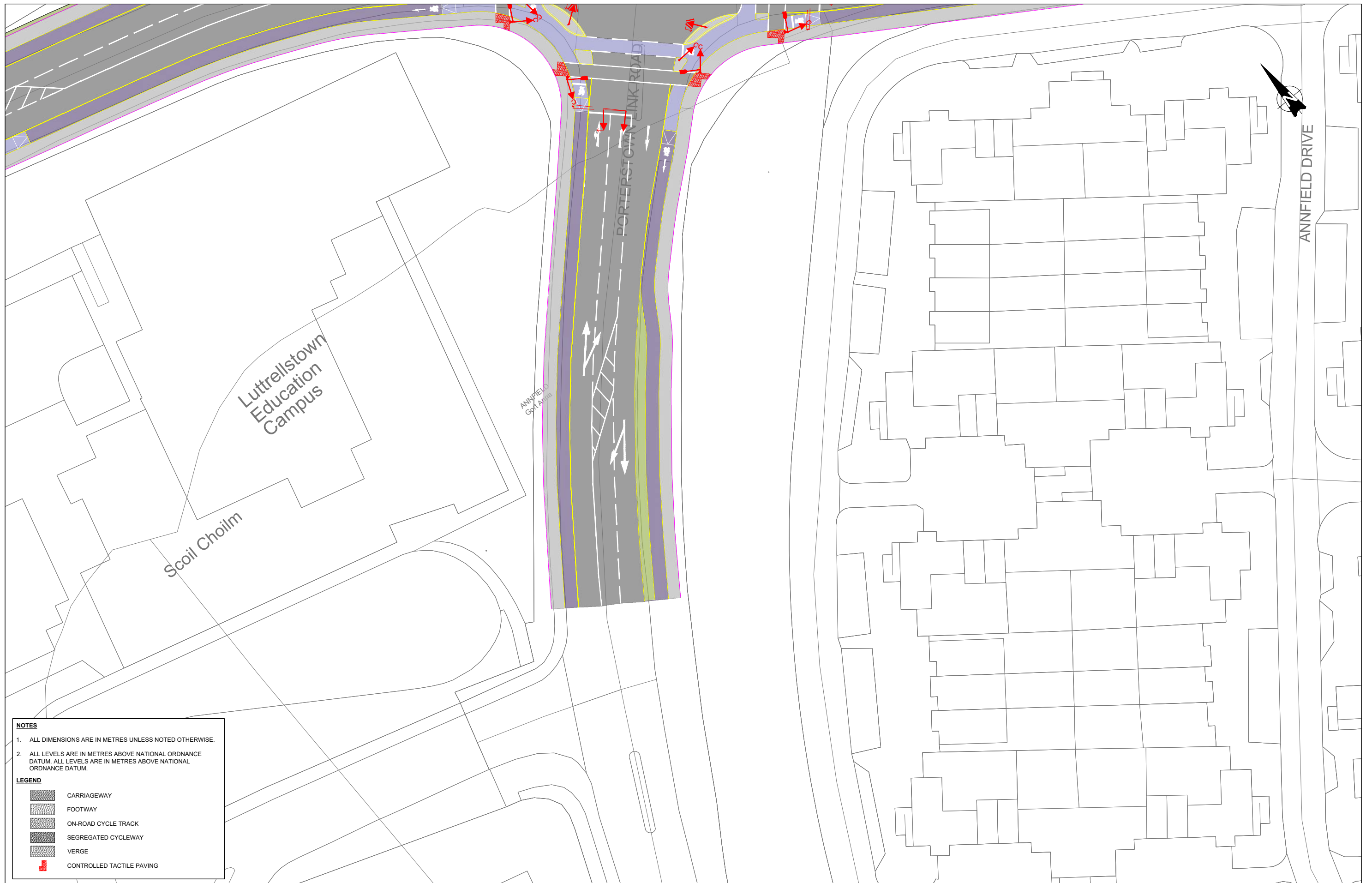
Drawing Title

ROADWORKS DESIGN - LC02: COOLMINE
DISWELLSTOWN ROAD JUNCTION - GENERAL ARRANGEMENT
SHEET 2 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 0117 D

Date: April 2022 Job No: P/101086 Status: F1 - Approved & Accepted Rev: V 01 Sheet: 02 of 05



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	GZ	TL	MK
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY

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 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLO).

Client

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:	Job No:	Status:	Rev:	Sheet:
April 2022	P/101086	F1 - Approved & Accepted	V 01	03 of 05



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- 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	GZ	TL	MK
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY

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 All elevations are in metres and relate to OSi Geoid Model (OSG0802) Mean Head as defined by existing Project Control.
 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station T4B181 CoBige (TLLD).

Client

Project

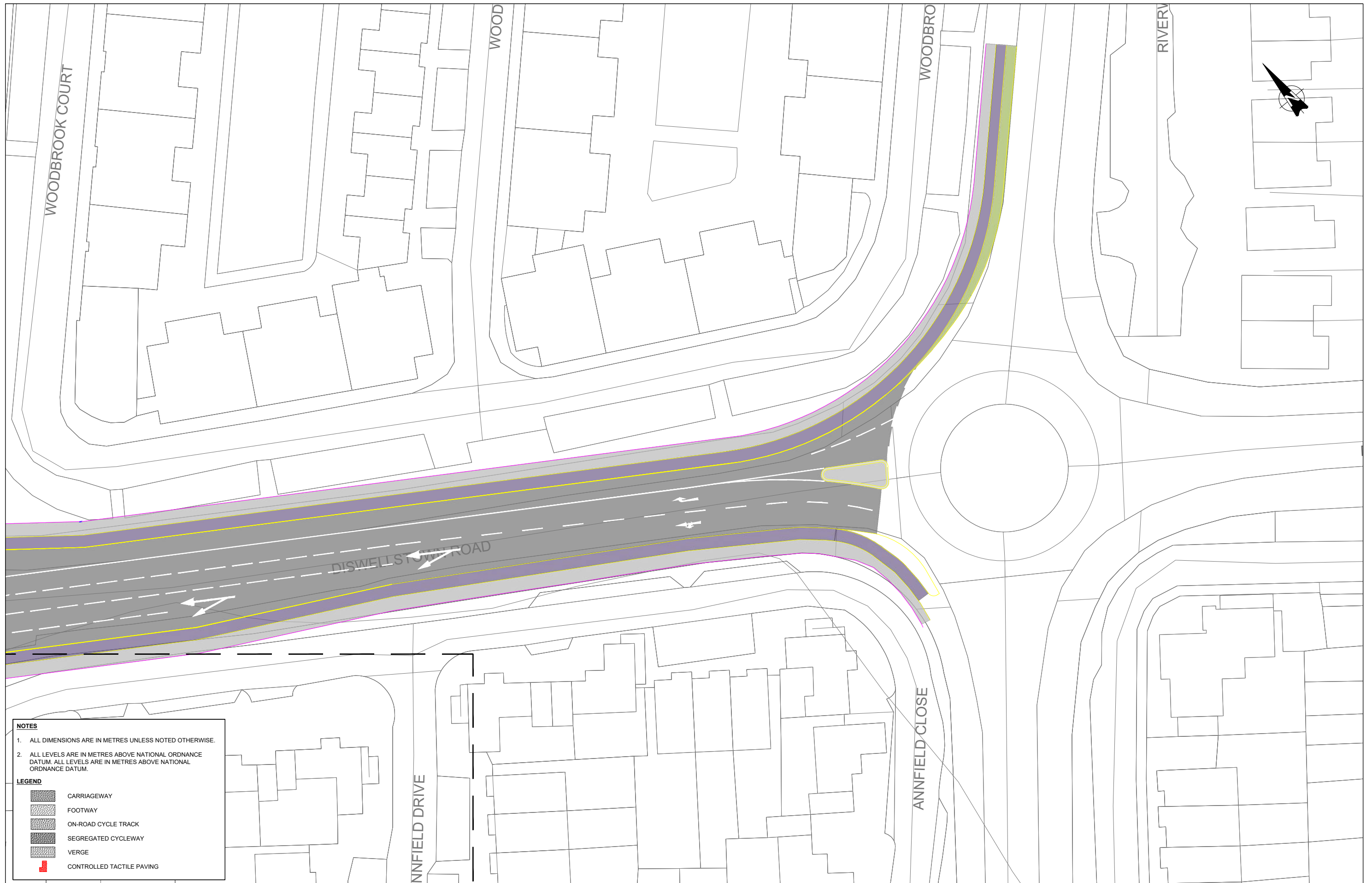
Consultant

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:	Job No:	Status:	Rev:	Sheet:				
April 2022	P/101086	F1 - Approved & Accepted	V 01	04 of 05				



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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	GZ	TL	MK
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 All elevations are in metres and relate to OSi Classic Model (OSiM02) Mean Head 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 (TLLG).

Client

Tionscald Éireann
Project Ireland
2040

NTA
Údarás Náisiúnta Iompartha
National Transport Authority

Iarnród Éireann
Irish Rail

Consultant

IDOM

PROD

Project

DART+
West

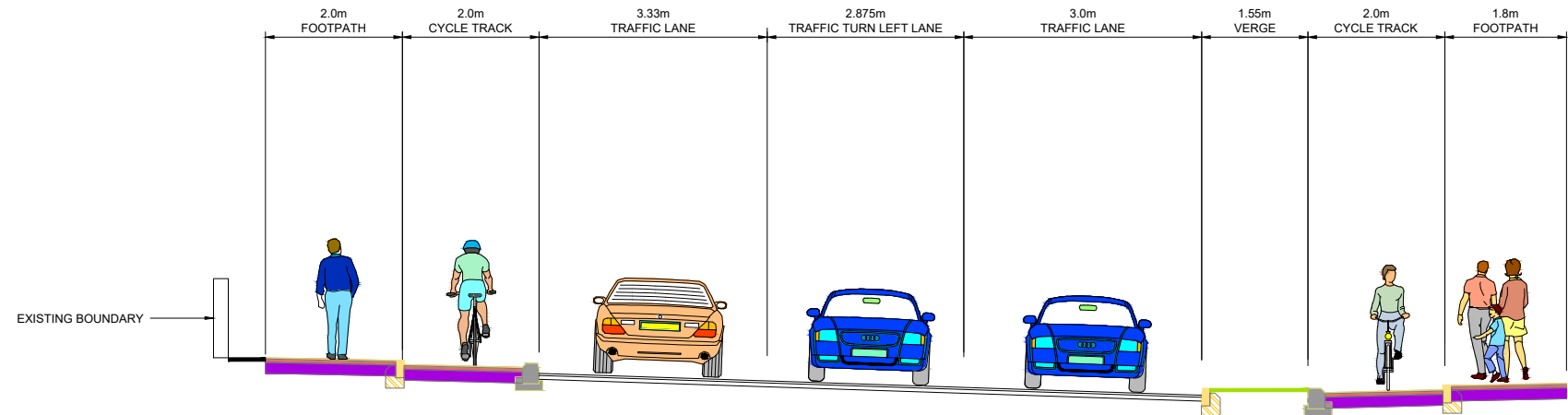
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ROADWORKS DESIGN - LC02: COOLMINE
DISWELLSTOWN ROAD JUNCTION - GENERAL ARRANGEMENT
SHEET 5 OF 5

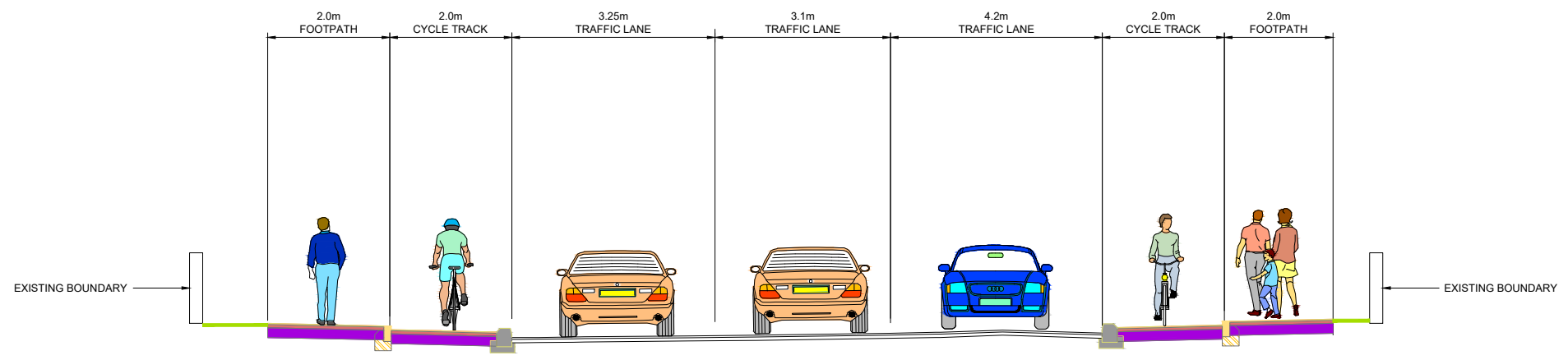
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Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC HRW LC02 DR C 0120 D

Date: April 2022 Job No: P/101086 Status: F1 - Approved & Accepted 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:
 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.

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

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 Survey No. 0039721 (OSi Aerial Data or OSi Lidar Data) & Survey No. 2021051_NMA_180 (OSi Vector Data).
 All elevations are in metres and relate to OSi Geoid Model (OSG2002). Main Road 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 (TL40).

Client

Consultant

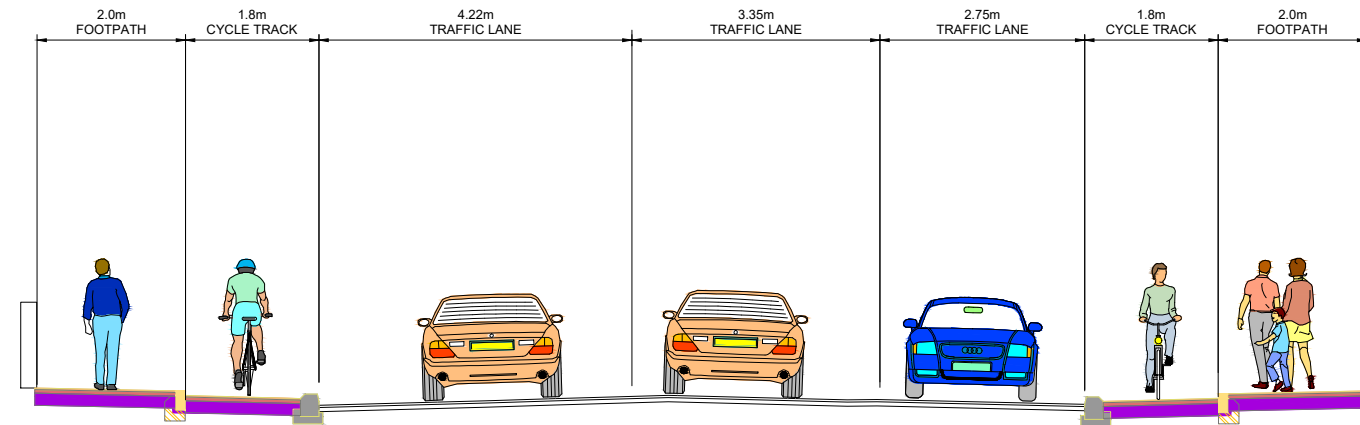
Project

Drawing Title

ROADWORKS DESIGN - LC02: COOLMINE
 DISWELLSTOWN ROAD JUNCTION - CROSS SECTIONS
 SHEET 01 of 04

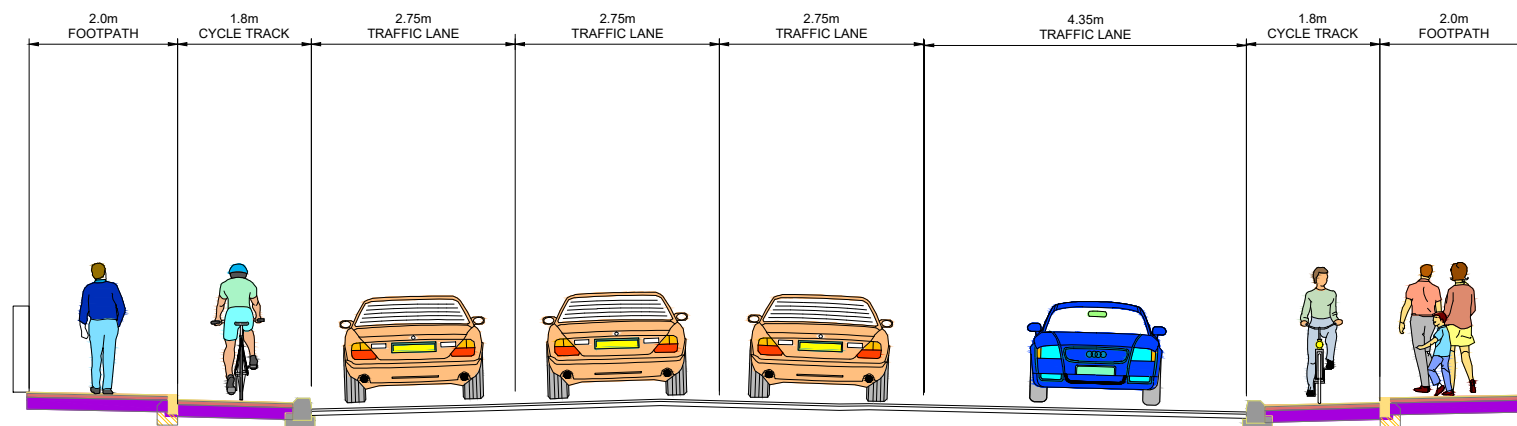
Scale: 1:50 @ A1 1:100 @ A3

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

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

Project

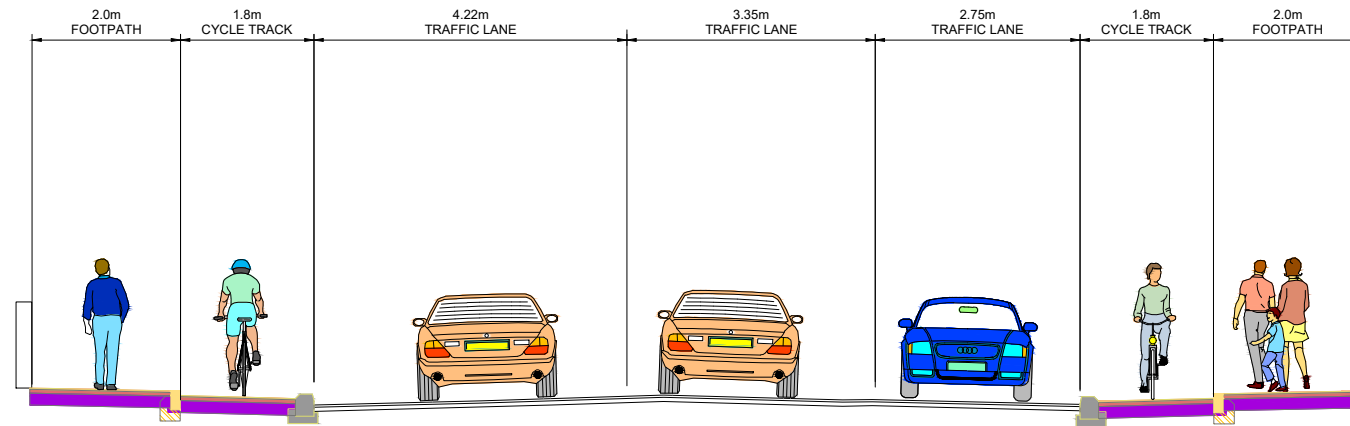
Consultant

Drawing Title

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

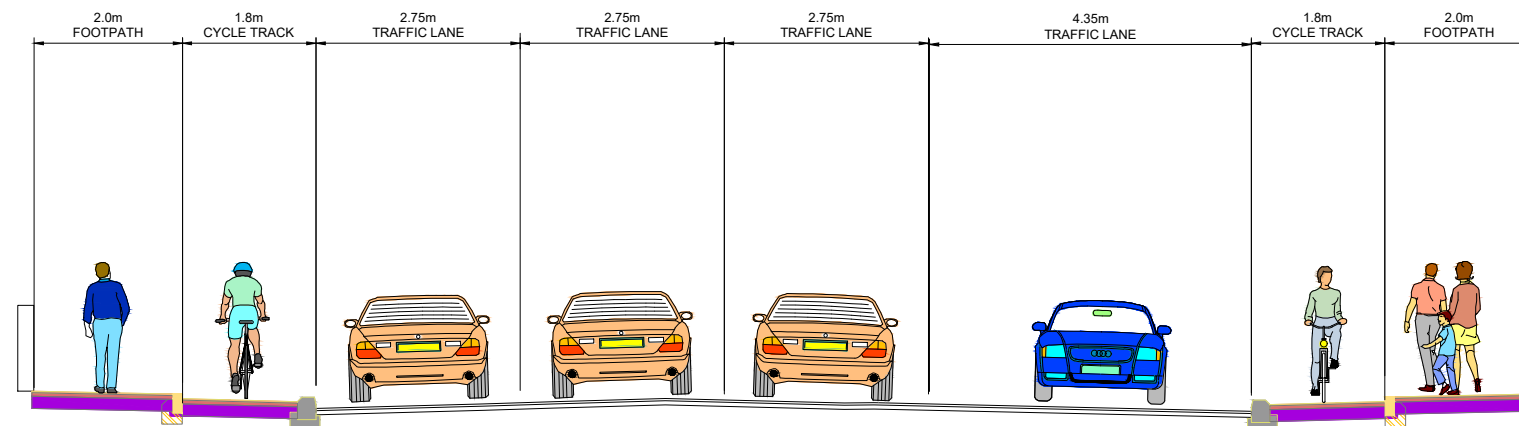
Scale:
1:50 @ A1 1:100 @ A3

Date:	April 2022	Job No:	P/101086	Status:	F1 - Approved & Accepted	Rev:	V 01	Sheet:	02 of 04
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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:

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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 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLTG).

Client

Consultant

Project

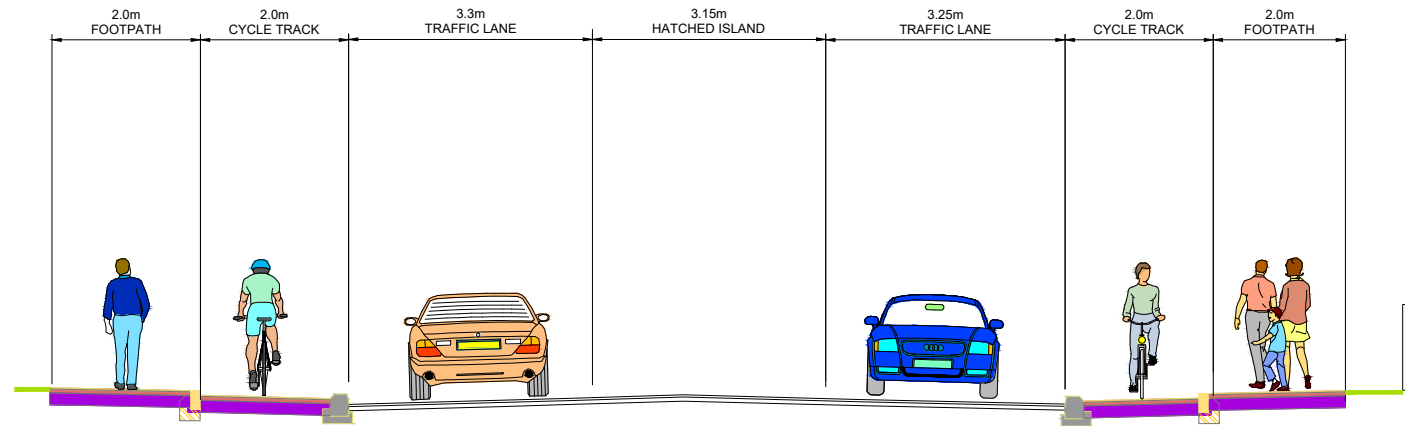
Drawing Title

ROADWORKS DESIGN - LC02: COOLMINE
DISWELLSTOWN ROAD JUNCTION - CROSS SECTIONS
SHEET 03 of 04

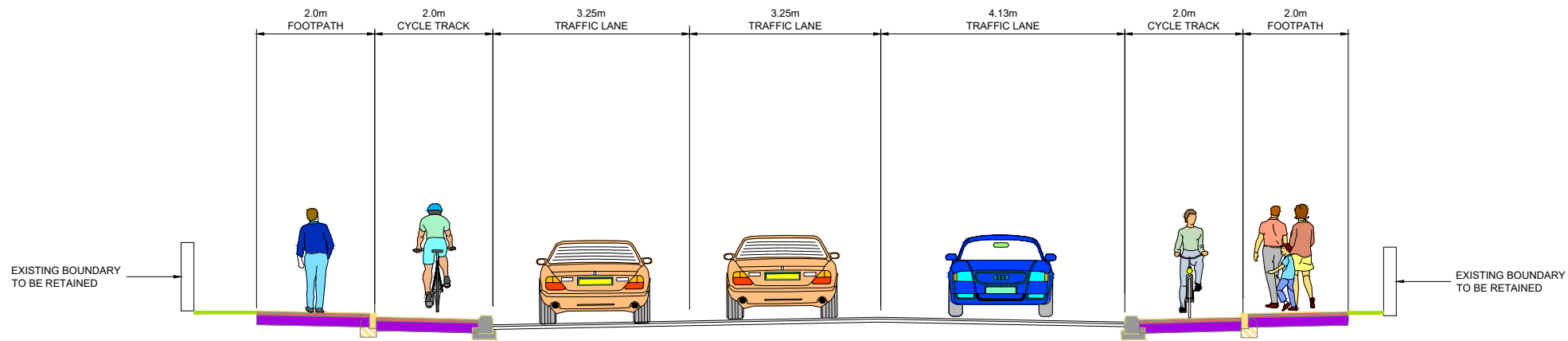
Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC HRW LC02 DR C 0148 D

Date: April 2022 | **Job No:** P/101086 | **Status:** F1 - Approved & Accepted | **Rev:** V 01 | **Sheet:** 03 of 04

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



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:**
- 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.

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V 01	April 2022	PLANNING ISSUE	KH	TL	MK

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 All Coordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TL10).

Client

Consultant

Project

Drawing Title

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

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

Date:	Job No:	Status:	Rev:	Sheet:
April 2022	P/101086	F1 - Approved & Accepted	V 01	04 of 04



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V 01	April 2022	PLANNING ISSUE			
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 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLLO).

Client

Project

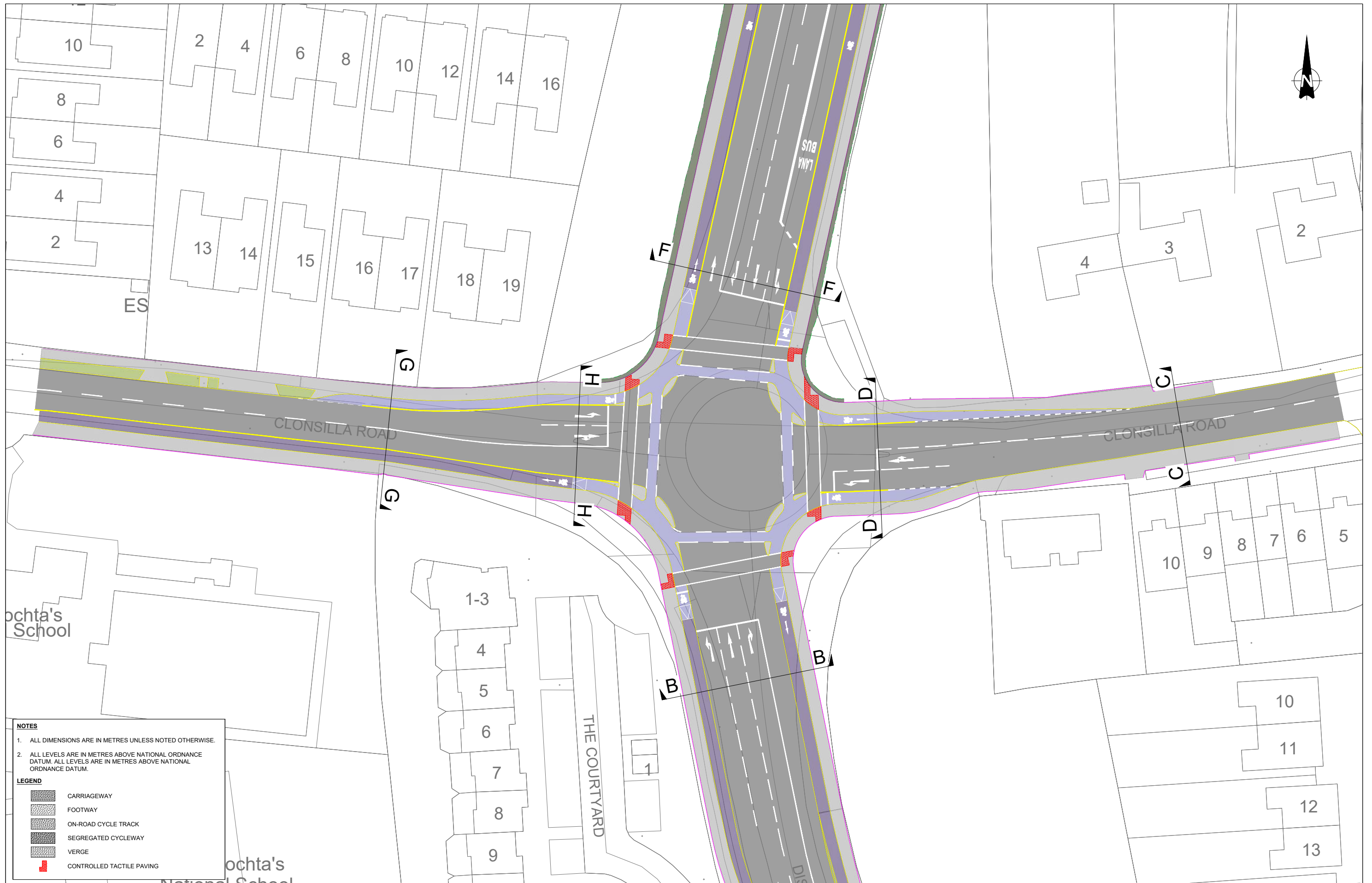
Consultant

Drawing Title

ROADWORKS DESIGN - LC02: COOLMINE
 CLONSILLA 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	0151	D	
Date:	Job No:	Status:	Rev:					
April 2022	P/101086	F1 - Approved & Accepted	V 01	Sheet: 01 of 01				



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LEGEND

- CARRIAGEWAY
- FOOTWAY
- ON-ROAD CYCLE TRACK
- SEGREGATED CYCLEWAY
- VERGE
- CONTROLLED TACTILE PAVING

Client	Tionscal Éireann Project Ireland 2040		
Consultant	IDOM	NTA Údarás Náisiúnta Iompartha National Transport Authority	IRÓD ROUHAN & O'DONOVAN
Project	DART+ West		
Drawing Title	ROADWORKS DESIGN - LC02: COOLMINE CLONSILLA ROAD JUNCTION - GENERAL ARRANGEMENT SHEET 1 OF 3		
Scale:	1:250 @ A1 1:500 @ A3		
Drawing Number	Project	Originator	Discipline
MAY	MDC	HRW	LC02
Date:	Job No:	Status:	Rev:
April 2022	P/101086	F1 - Approved & Accepted	V 01
Sheet:	01 of 03		

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NOTES

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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	Tionscal Éireann Project Ireland 2040	NTA Údarás Náisiúnta Iompartha National Transport Authority	Iarnród Éireann Irish Rail					
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							
Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
MAY	MDC	HRW	LC02	DR	C	0153	D	D
Date:	Job No:	Status:	Rev:					
April 2022	P/101086	F1 - Approved & Accepted	V 01	Sheet: 02 of 03				

Client

Consultant

IDOM

PRODUCED BY REVIEWED BY APPROVED BY

GZ TL MK

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Survey No. 0029721 (OSi Aerial Data or OSi Lidar Data) & Survey No. 2021081_NMA_180 (OSi Vector Data).

All elevations are in metres and relate to OSi Geoid Model (OSG2002). Main Tread 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 (TLLO).

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

Drawing Number



Saint Mochta's National School

coil Náisiúnta aomhlochta







coil Náisiúnta Naomhchta

Saint Mochta's National School

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

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

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 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPD station Tallaght College (TLLO).

Client





Consultant





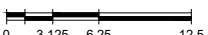
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Drawing Title

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

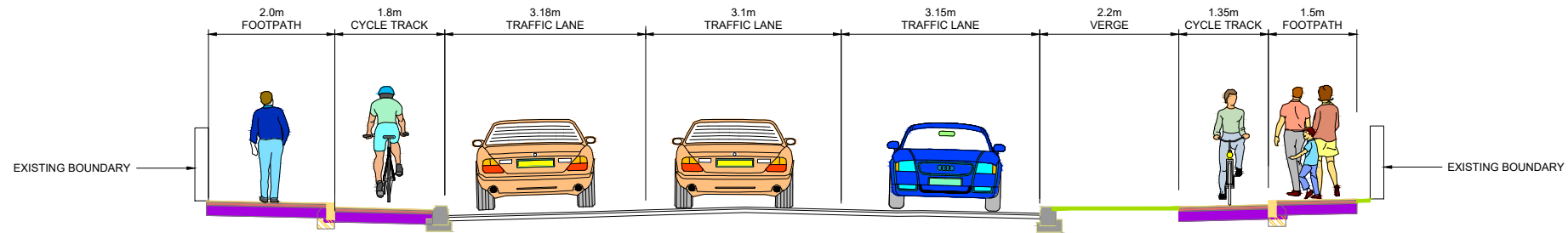
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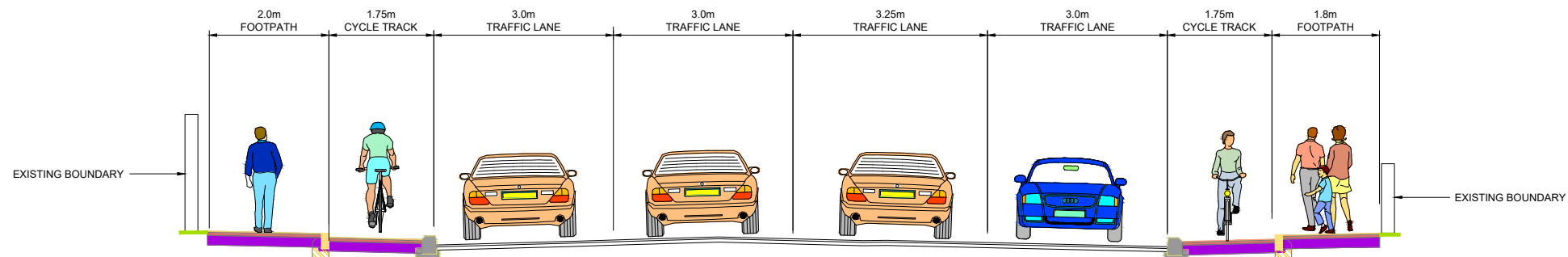
Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase

MAY MDC HRW LC02 DR C 0154 D

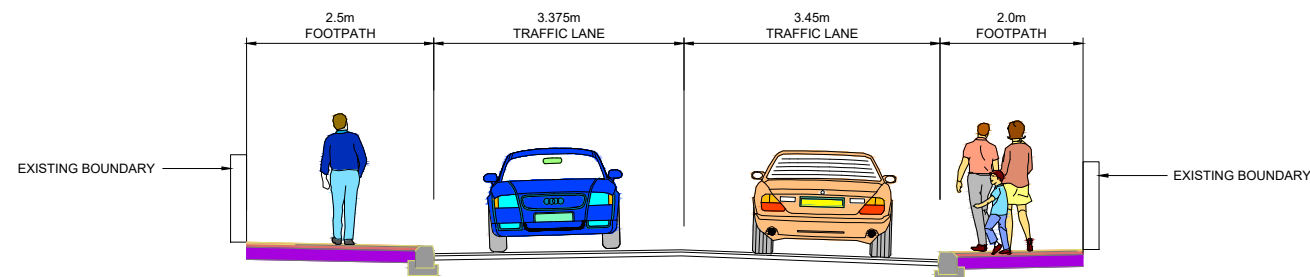
Date: April 2022 Job No: P/101086 Status: F1 - Approved & Accepted Rev: V 01 Sheet: 03 of 03



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

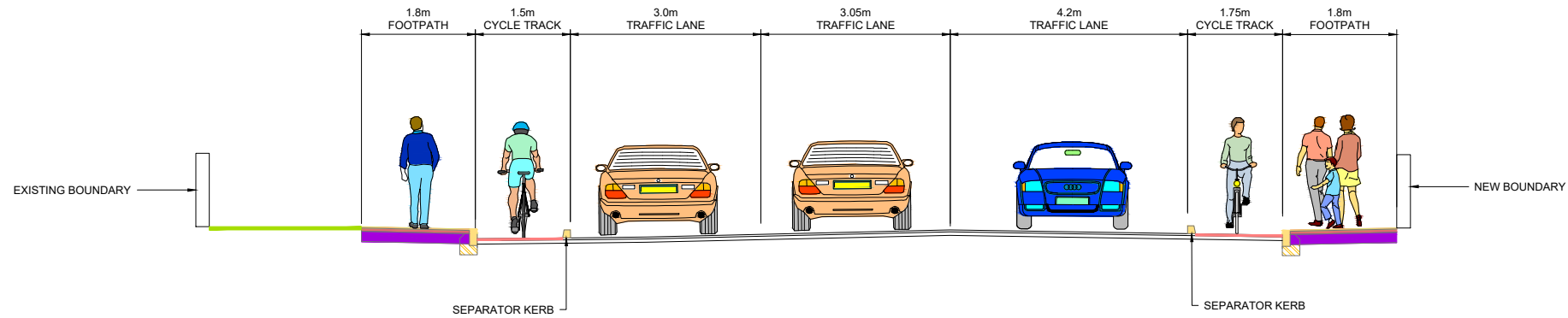


TYPICAL CROSS SECTION C-C
 CLONSILLA ROAD JCT. (EAST)
 LOCATED ON GA SHEET 01
 DRAWING REF: MAY-MDC-HRW-LC02-DR-C-0151

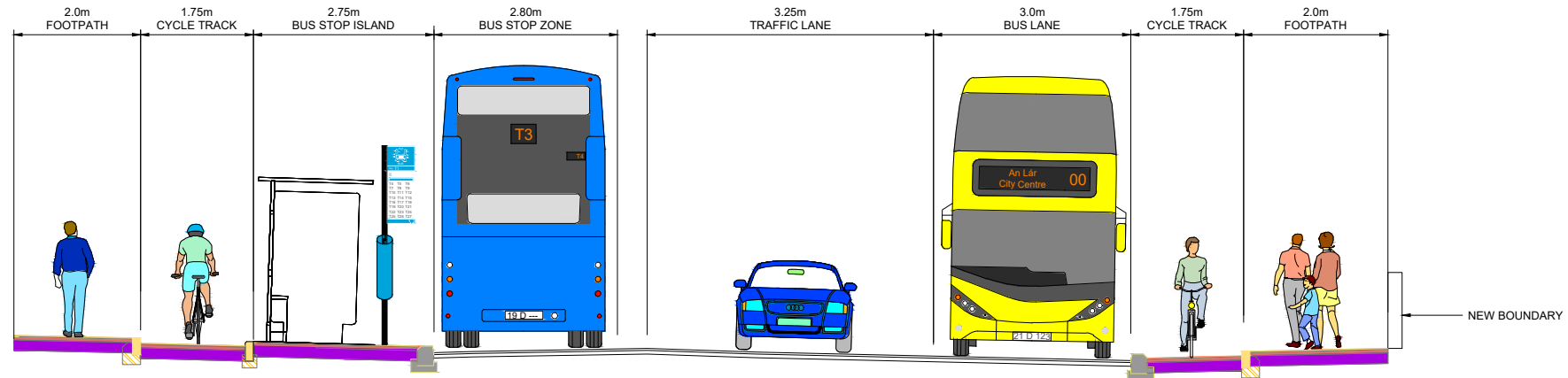
NOTES:

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.

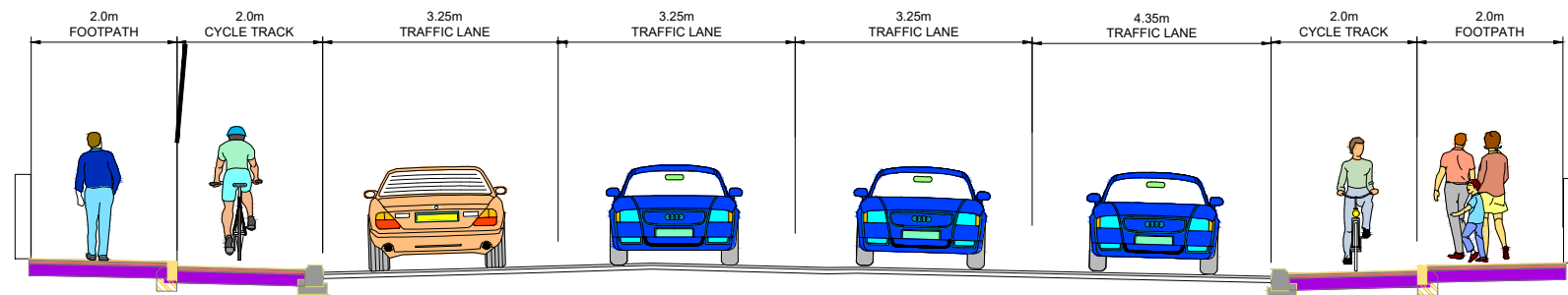
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										ROADWORKS DESIGN - LC02: COOLMINE CLONSILLA ROAD JUNCTION - CROSS SECTIONS SHEET 01 of 03		
V 01	April 2022	PLANNING ISSUE		KH	TL	MK				Scale: 1:50 @ A1 1:100 @ A3		
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY				Drawing Number Project Originator Discipline Location Type Role Number Phase			
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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
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- THE PROPOSED PAVEMENT CONSTRUCTION IS INDICATIVE ONLY.

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Client

Project

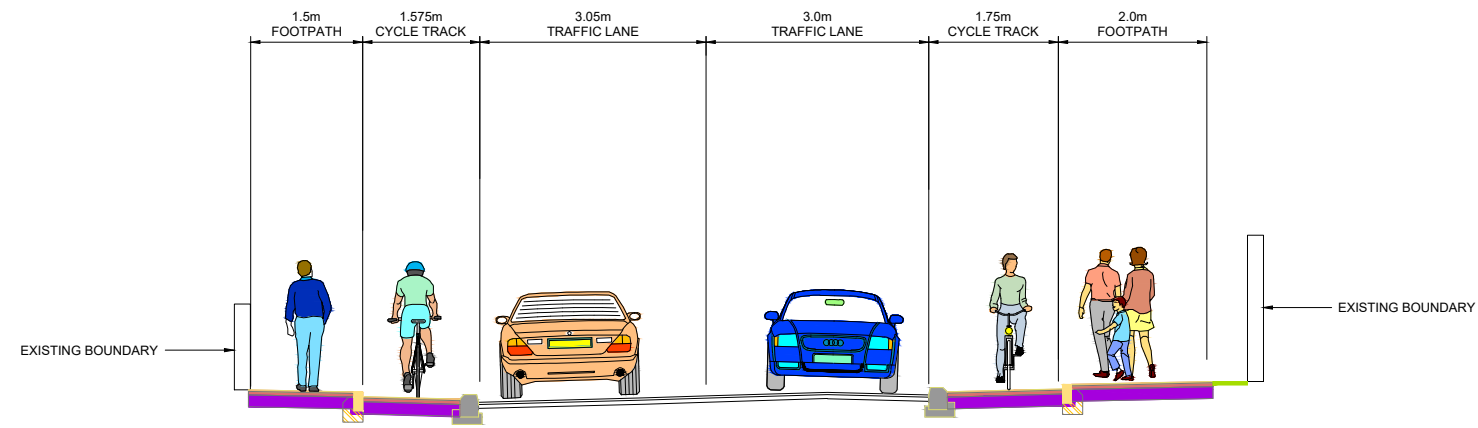
Consultant

Drawing Title

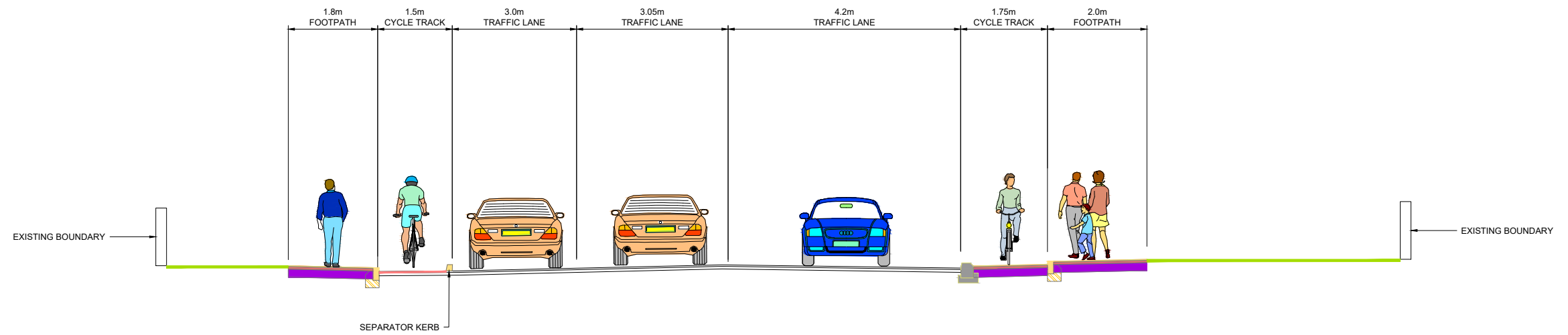
ROADWORKS DESIGN - LC02: COOLMINE
 CLONSILLA ROAD JUNCTION - CROSS SECTIONS
 SHEET 02 of 03

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

Date:	April 2022	Job No:	P/101086	Status:	F1 - Approved & Accepted	Rev:	V 01	Sheet:	02 of 03
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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:**
- 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.

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V 01	April 2022	PLANNING ISSUE	KH	TL	MK																	
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY																	
<p>Consultant</p>			<p>Scale:</p> <p>1:50 @ A1 1:100 @ A3</p>	<table border="1"> <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>MAY</td> <td>MDC</td> <td>HRW</td> <td>LC02</td> <td>DR</td> <td>C</td> <td>0172</td> <td>D</td> <td></td> </tr> </table>	Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase	MAY	MDC	HRW	LC02	DR	C	0172	D	
Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase														
MAY	MDC	HRW	LC02	DR	C	0172	D															
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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

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- 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	Tionscaldal Éireann Project Ireland 2040			NTA Údarás Náisiúnta Iomparáil National Transport Authority			Iarnród Éireann Irish Rail																							
Project	DART+ West																													
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		
Date:	April 2022			Job No:			P/101086			Status:			F1 - Approved & Accepted			Rev:			V 01			Sheet: 01 of 01								

Consultant

IDOM

G3

PROUD

Scale:

0 5 12.5 25 50

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All elevations are in metres and relative to OSi Geoid Model (OSG2002). Main Head 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 (TLTG).



NOTES

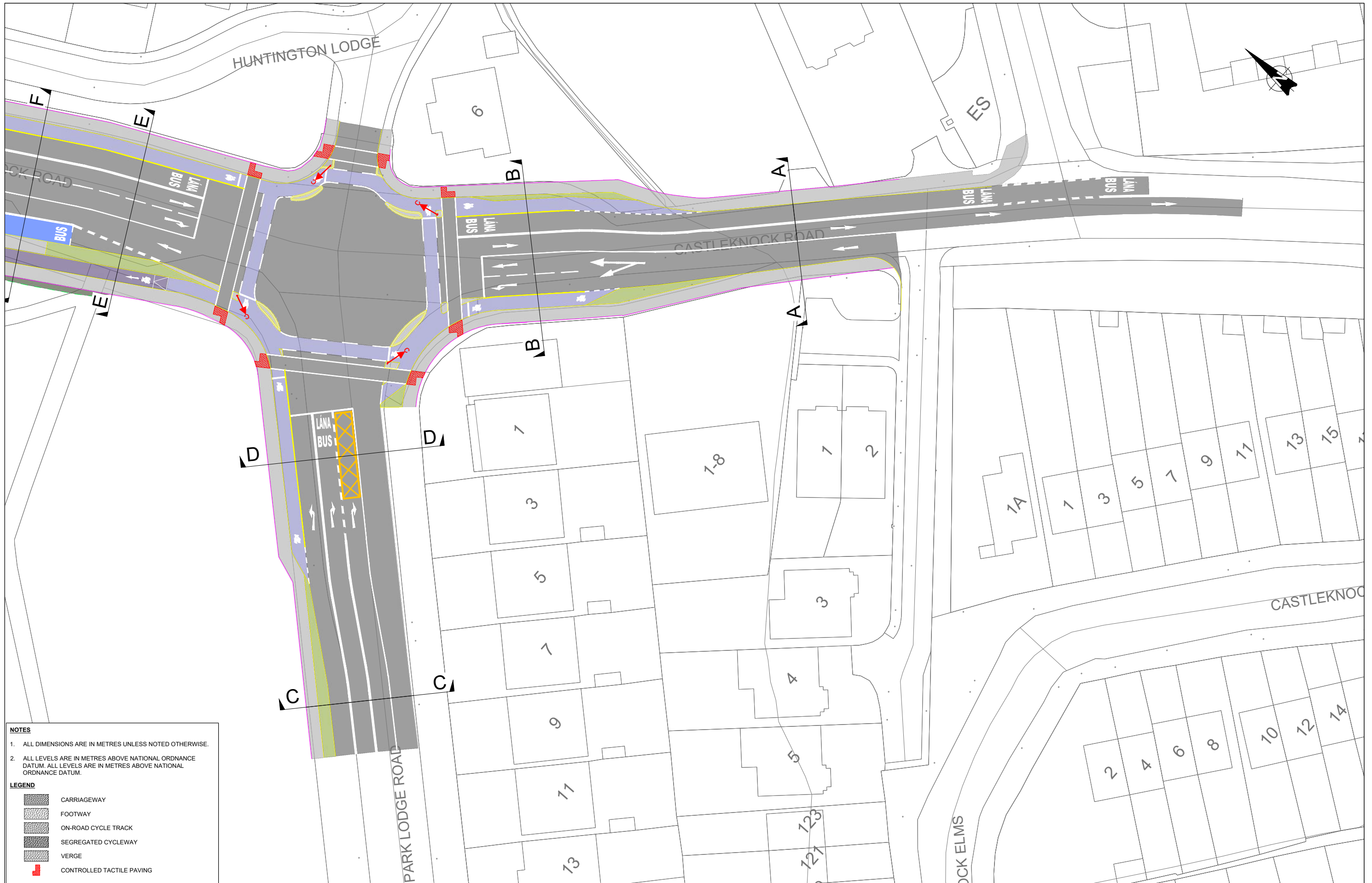
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2. ALL LEVELS ARE IN METRES ABOVE NATIONAL ORDNANCE DATUM. ALL LEVELS ARE IN METRES ABOVE NATIONAL ORDNANCE DATUM.

LEGEND

- CARRIAGEWAY
- FOOTWAY
- ON-ROAD CYCLE TRACK
- SEGREGATED CYCLEWAY
- VERGE
- CONTROLLED TACTILE PAVING

Client	Tionscald Éireann Project Ireland 2040	NTA Udarás Náisiúnta Iompar National Transport Authority	Iarnród Éireann Irish Rail					
Consultant	IDOM	IRROD RÉAGHAN & D'ORR	DART+ West					
Project	DART+ West							
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:	Job No:	Status:	Rev:					
April 2022	P/101086	F1 - Approved & Accepted	V 01	Sheet: 01 of 02				

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NOTES

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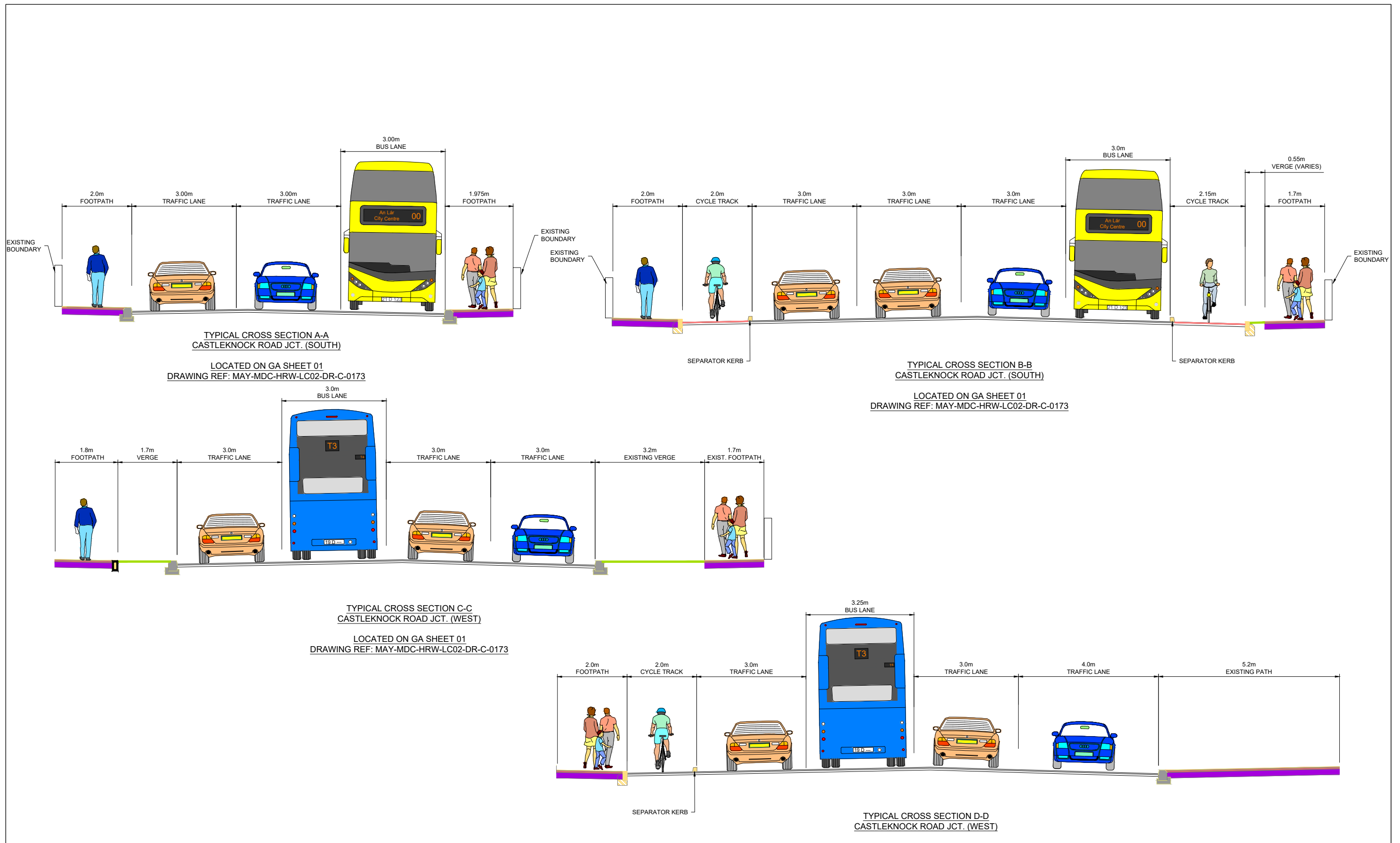
LEGEND

- CARRIAGEWAY
- FOOTWAY
- ON-ROAD CYCLE TRACK
- SEGREGATED CYCLEWAY
- VERGE
- CONTROLLED TACTILE PAVING

Client	Tionscatal Eireann Project Ireland 2040	NTA Udarás Náisiúnta Iompartha National Transport Authority	lanróid Éireann Irish Rail
Consultant	IDOM	CS	PROD
Project	DART+ West		
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
MAY	MDC	HRW	LC02
Date:	April 2022	Job No:	P/101086
Status:	F1 - Approved & Accepted		Rev:
V 01	April 2022	PLANNING ISSUE	JMC TL MK
REV.	DATE	DESCRIPTION	PRODUCED BY REVIEWED BY APPROVED BY

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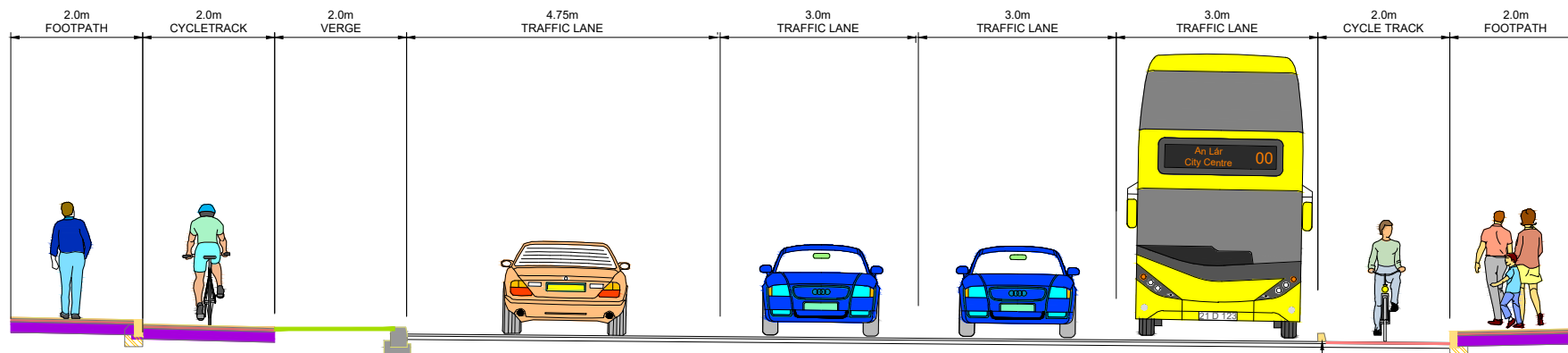
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MAY	MDC	HRW	LC02
Date:	April 2022	Job No:	P/101086
Status:	F1 - Approved & Accepted		Rev:
V 01	April 2022	PLANNING ISSUE	JMC TL MK
REV.	DATE	DESCRIPTION	PRODUCED BY REVIEWED BY APPROVED BY



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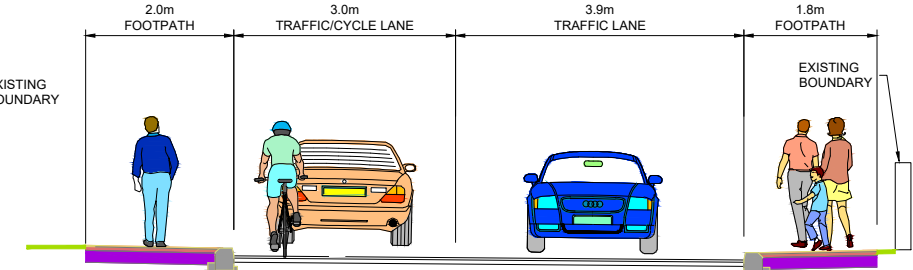
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V 01	April 2022	PLANNING ISSUE	KH	TL	MK											
REV.	DATE	DESCRIPTION	PRODUCED BY / REVIEWED BY / APPROVED BY													
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		<p>Date:</p> <p>April 2022</p>	<p>Job No:</p> <p>P/101086</p>	<p>Status:</p> <p>F1 - Approved & Accepted</p>	<p>Rev:</p> <p>V 01</p>	<p>Sheet: 01 of 02</p>										



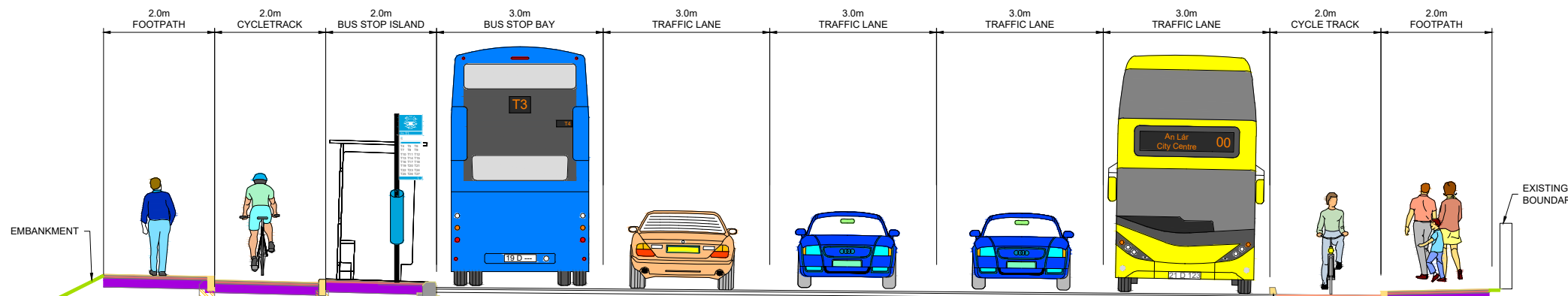
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CASTLEKNOCK ROAD JCT. (NORTH)

LOCATED ON GA SHEET 01
DRAWING REF: MAY-MDC-HRW-LC02-DR-C-0173



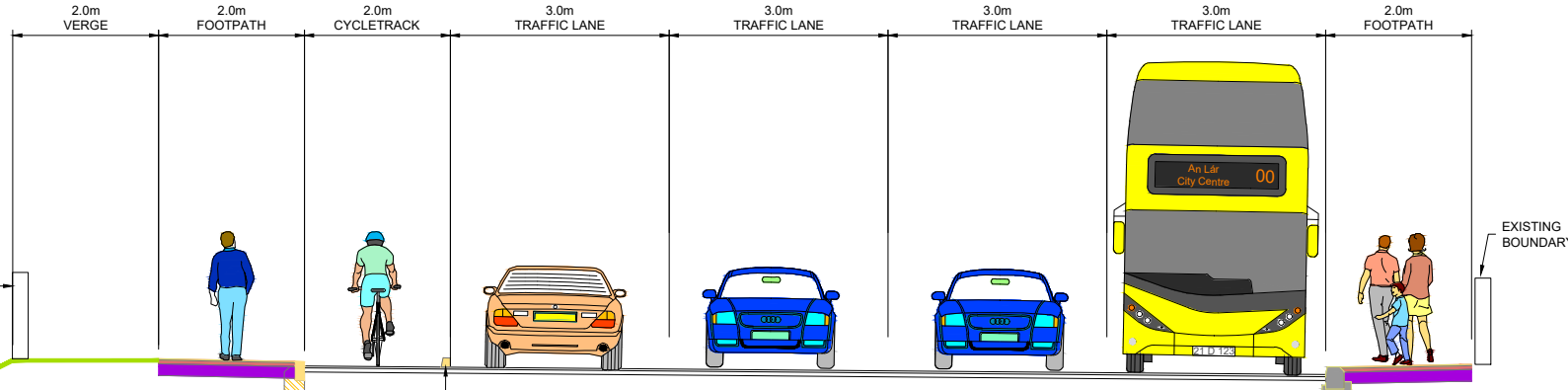
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CASTLEKNOCK ROAD JCT. (NORTH)

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.
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Client	Tionscald Éireann Project Ireland 2040		
Consultant	IDOM	G3	PRODUCED BY REVIEWED BY APPROVED BY
Project	DART+ West		
Drawing Title	ROADWORKS DESIGN - LC02: COOLMINE CASTLEKNOCK ROAD JUNCTION - CROSS SECTIONS SHEET 02 of 02		
Scale:	1:50 @ A1 1:100 @ A3		
Drawing Number	MAY	MDC	HRW LC02 DR C 0187 D
Date:	April 2022	Job No:	P/101086
Status:	F1 - Approved & Accepted		
Rev:	V 01	Sheet:	02 of 02

Client: Tionscald Éireann Project Ireland 2040, NTA, Iarnród Éireann Irish Rail

Consultant: IDOM, G3, FROD

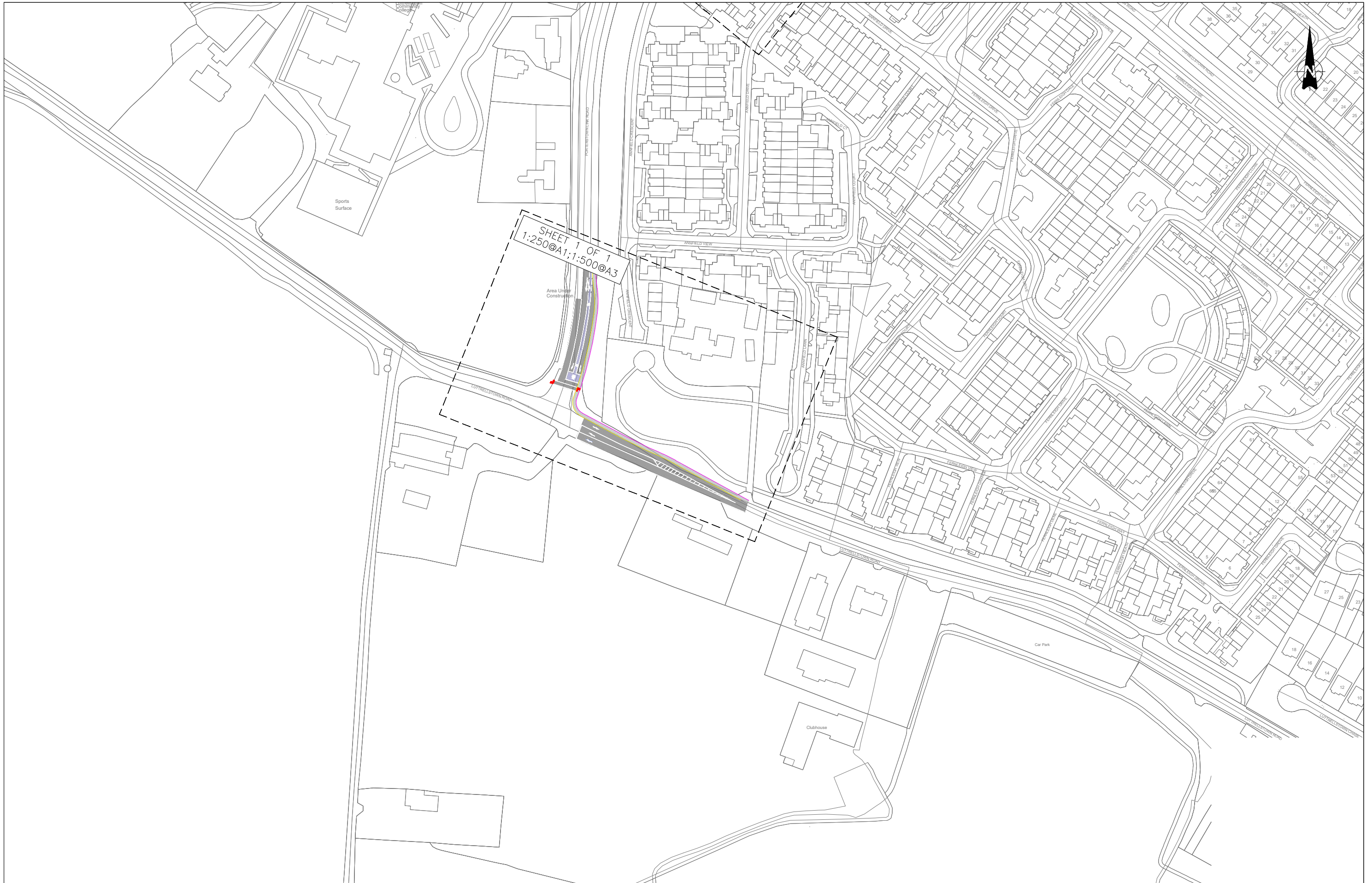
Project: DART+ West

Drawing Title: ROADWORKS DESIGN - LC02: COOLMINE
CASTLEKNOCK ROAD JUNCTION - CROSS SECTIONS
SHEET 02 of 02

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

Drawing Number: MAY MDC HRW LC02 DR C 0187 D

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



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Client

Consultant

Project

Drawing Title

ROADWORKS DESIGN - LC02: COOLMINE
 PORTERSTOWN 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 | 0188 | D

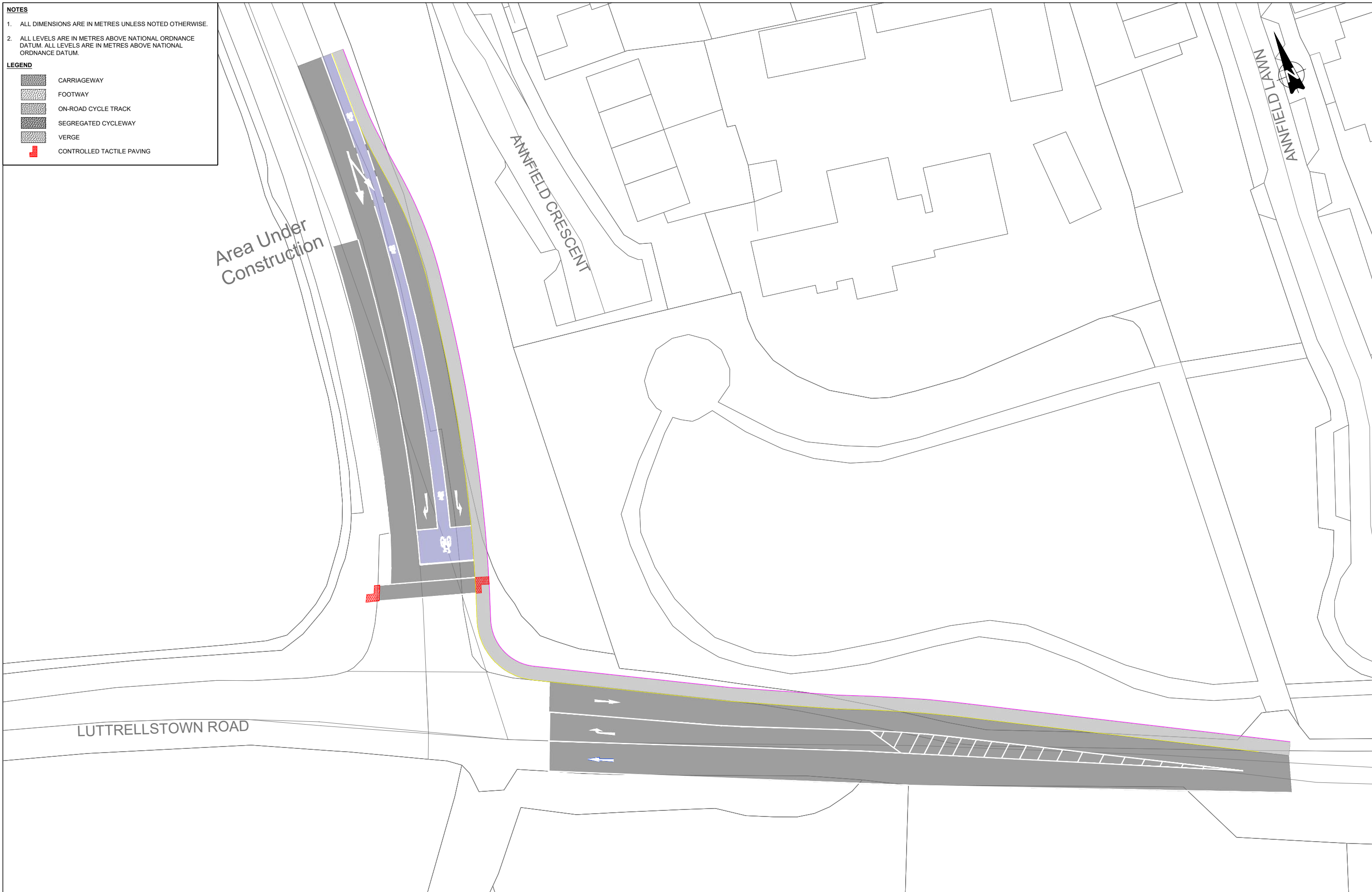
Date: April 2022 | Job No: P/101086 | Status: F1 - Approved & Accepted | Rev: V 01 | Sheet: 01 of 01

NOTES

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LEGEND

- CARRIAGEWAY
- FOOTWAY
- ON-ROAD CYCLE TRACK
- SEGREGATED CYCLEWAY
- VERGE
- CONTROLLED TACTILE PAVING



REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
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 All Coordinates are in Irish Transverse Mercator GHD (ETM) as defined by OSi active GPS station Tallaght College (TLLG).

Client

Consultant

Project

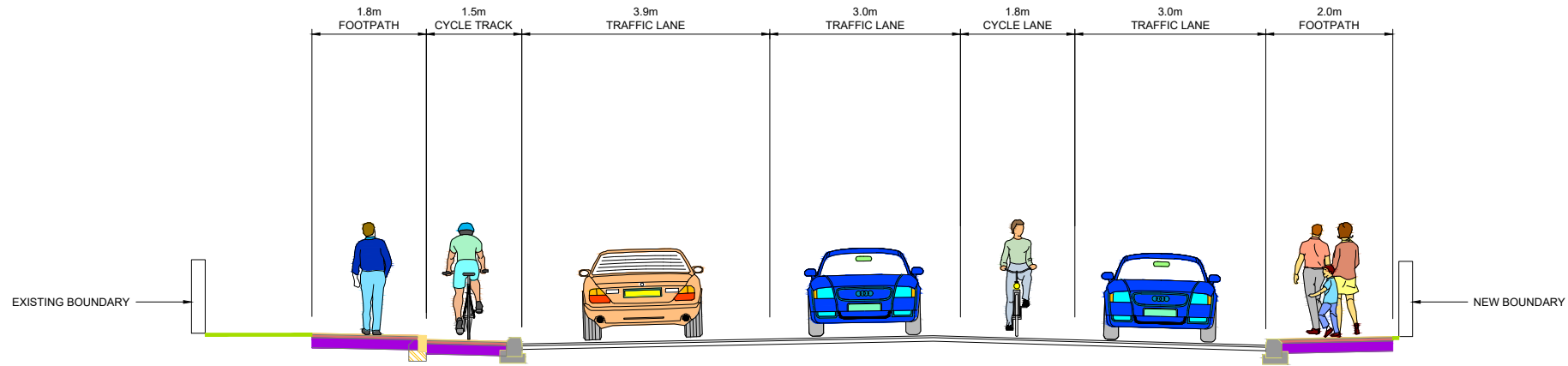
Drawing Title

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

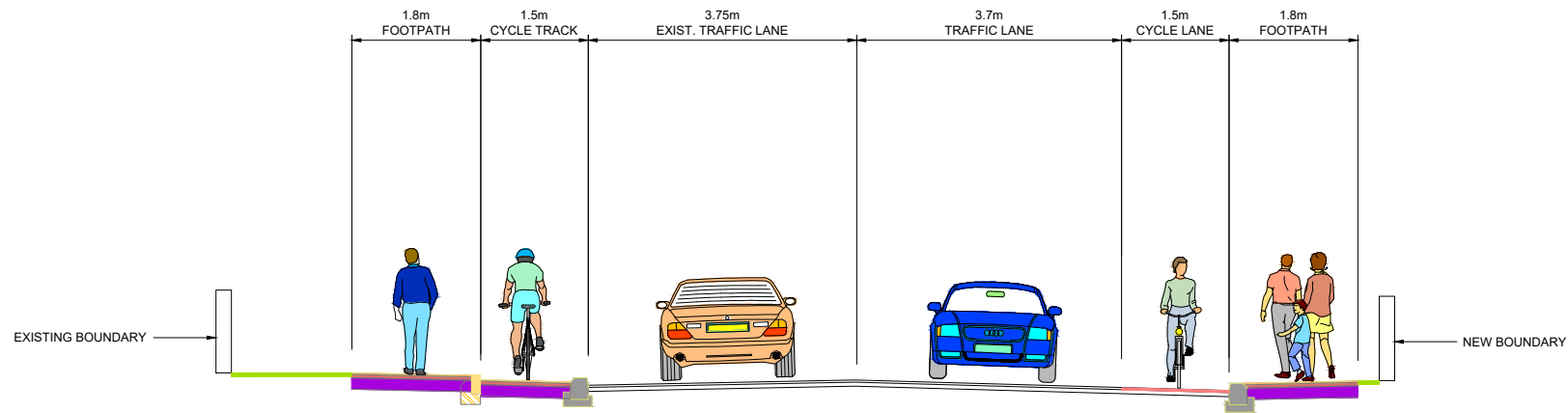
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Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
 MAY MDC HRW LC02 DR C 0189 D

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
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Client

Consultant

Project

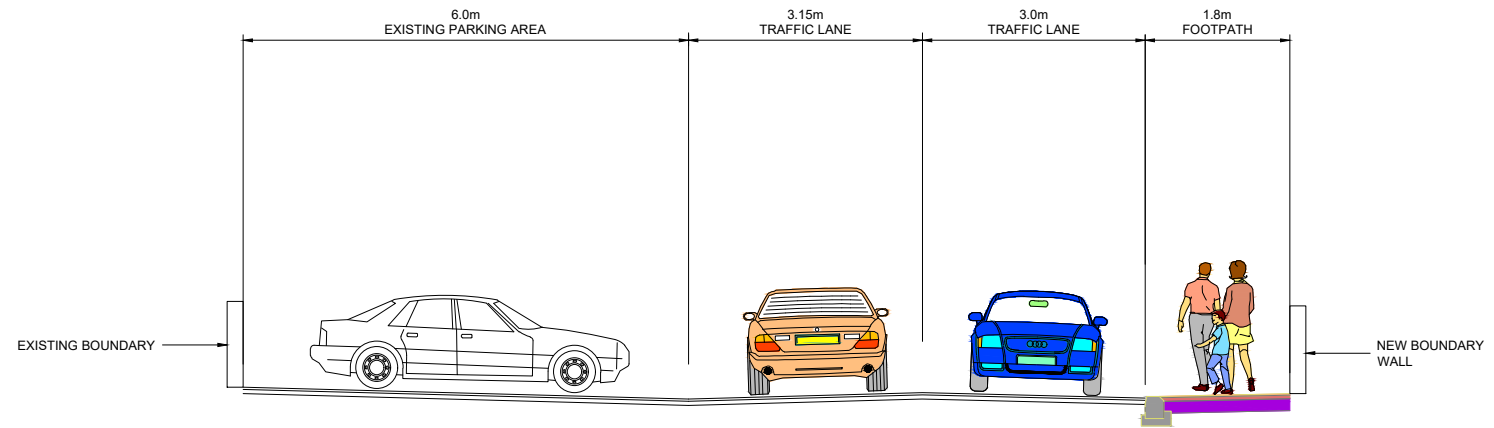
Drawing Title

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

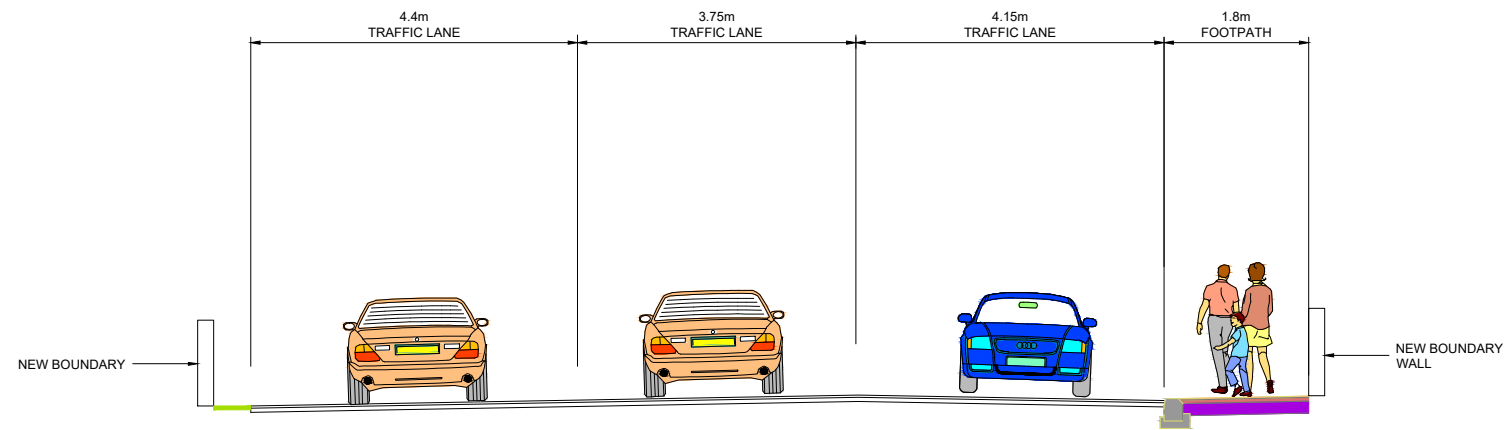
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Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
MAY MDC HRW LC02 DR C 0195							D	D

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



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



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

NOTES:

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

Client									
Consultant									
Project									
Drawing Title	ROADWORKS DESIGN - LC02: COOLMINE PORTERSTOWN ROAD JUNCTION - CROSS SECTIONS SHEET 02 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	0196	D		
Date:	April 2022	Job No:	P/101086	Status:	F1 - Approved & Accepted			Rev:	V 01
								Sheet: 02 of 02	

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Survey No. 0039721 (OSi Aerial Data or OSi Lidar Data) & Survey No. 2021/OSi_NMA_188 (OSi Vector Data)
All elevations are in metres and relate to OSi Geoid Model (OSGM02) Mean Head 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 (TL19).