

V01	August 2023	Proposed Developments following Railway Order Submissions	GDV	JDR	CCH
V01	April 2023	PLANNING ISSUE	GDV	JDR	CCH
REV.	DATE	Description	PRODUCED BY	REVIEWED BY	APPROVED BY

© Irish Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland". Survey No. 0039720 (OSi Aerial Data or OSi Lidar Data & Survey No. 2020-OSI_NMA_180 (OSi Vector Data)).
All elevations are in metres and relate to OSi Geod Model (OSGM02) Malin 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



Tionncheal Éireann
Project Ireland
2040



Údarás Náisiúnta Iompair

National Transport Authority



Iarnród Éireann
Irish Rail

Consultant



FIROD
Koughan & O'Donovan

Project



Drawing Title

STATION DESIGN
ASHTOWN STATION
STATION LOCATION. EXISTING

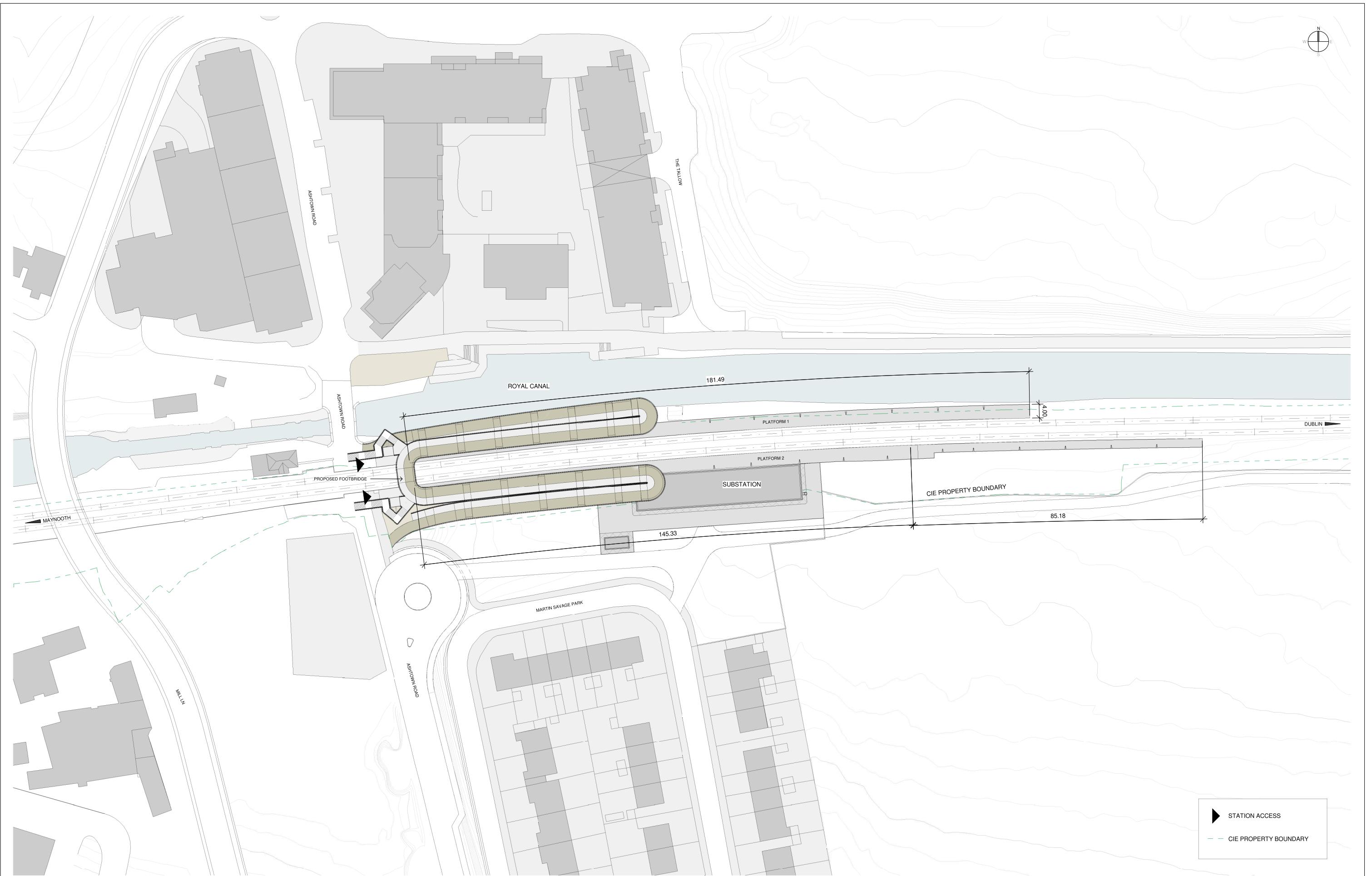
Scale:

1:500 @ A1
0 5 10 20

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

MAY MDC ARC RS07 DR A 0001 D

Date: AUGUST 2023 Job No: P/101086 Status: S3 - For Review & Comment Rev: V01 Sheet: 1 of 2



REV.	DATE	Description	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	August 2023	Proposed Developments following Railway Order Submissions	GDV	JDR	CCH
V01	April 2023	PLANNING ISSUE	GDV	JDR	CCH

© Irish Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland". Survey No. 0039720 (OSi Aerial Data or OSi Lidar Data & Survey No. 2020-OSI_NMA_180 (OSi Vector Data)).
All elevations are in metres and relate to OSi Geod Model (OSGM02) Malin 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



Tionncheal Eireann
Project Ireland
2040



Údarás Náisiúnta Iompair
National Transport Authority



Iarnród Éireann
Irish Rail

Consultant



FIROD
KOUGHAN & O'DONOVAN

Project



Drawing Title

STATION DESIGN
ASHTOWN STATION
STATION LOCATION. PROPOSED

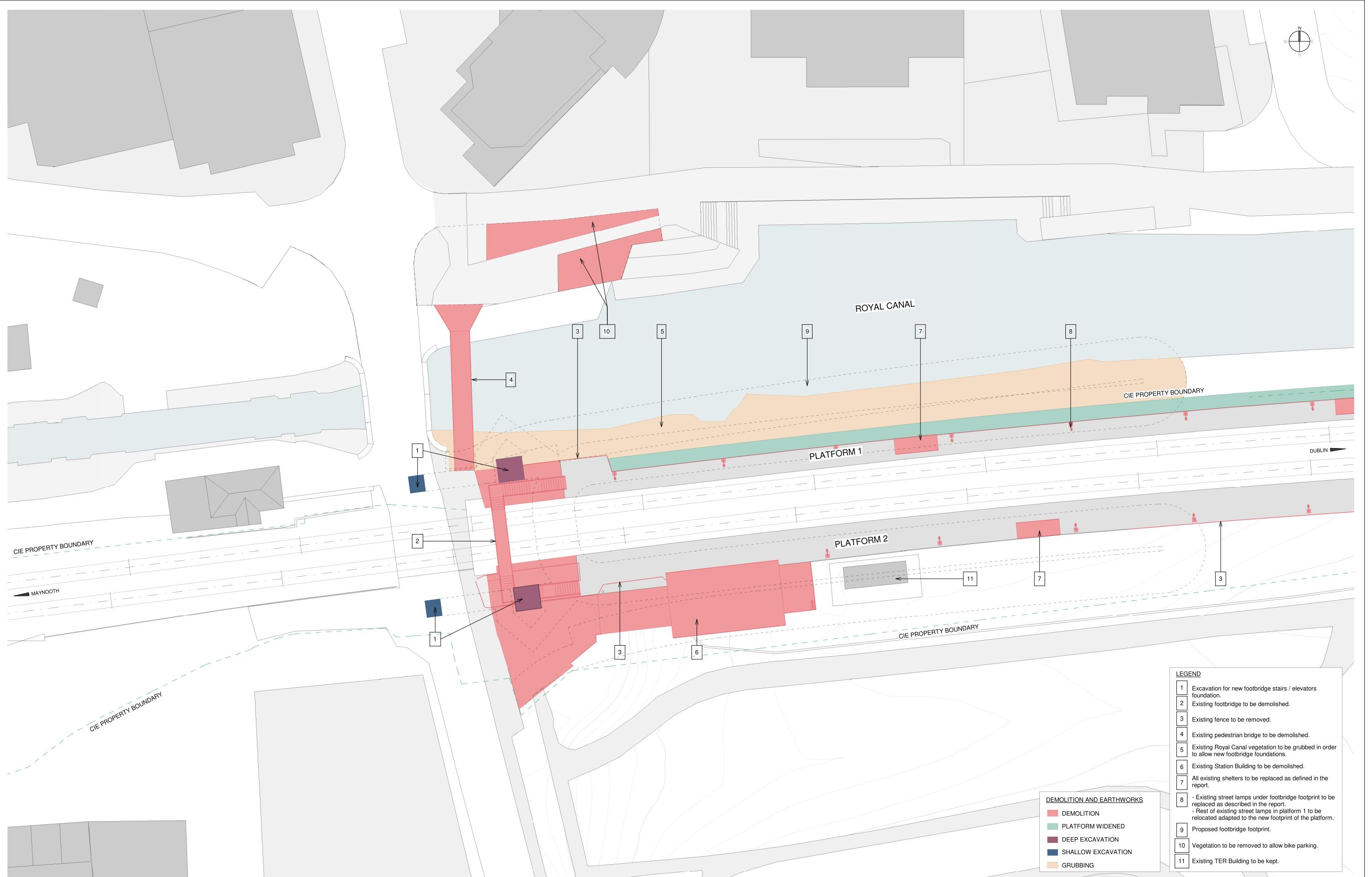
Scale:

1:500 @ A1
0 5 10 20

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

MAY MDC ARC RS07 DR A 0001 D

Date: AUGUST 2023 Job No: P/101086 Status: S3 - For Review & Comment Rev: V01 Sheet: 2 of 2



Client	Tioncal Éireann Project Ireland 2040	Client
V01 August 2023 Proposed Developments following Railway Order Submissions	GDV JDR CCH	
V01 April 2023 PLANNING ISSUE	GDV JDR CCH	
REV. DATE Description	PRODUCED BY REVIEWED BY APPROVED BY	

© Irish Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland". Survey No. 0039720 (OSi Aerial Data or OSi Lidar Data & Survey No. 2020-OSI_NMA_180 (OSi Vector Data). All elevations are in metres and relate to OSi Geod Model (OSGM02) 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 (TLLG).

Consultant

IDOM

c3

FIROD
KOUGHAN & O'DONOVAN

Project

DART+
West

Drawing Title

STATION DESIGN
ASHTOWN STATION
DEMOLITION PLAN

Scale:	Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
1:200 @ A1		MAY	MDC	ARC	RS07	DR	A	0002	D
		Date: AUGUST 2023	Job No: P/101086	Status: S3 - For Review & Comment	Rev: V01	Sheet: 1 of 2			

N
W
S



V01	August 2023	Proposed Developments following Railway Order Submissions	GDV	JDR	CCH
V01	April 2023	PLANNING ISSUE	GDV	JDR	CCH
REV.	DATE	Description	PRODUCED BY	REVIEWED BY	APPROVED BY

© Irish Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland"
Survey No. 0039720 (OSi Aerial Data or OSi Lidar Data & Survey No. 2020-OSi_NMA_180 (OSi Vector Data).
All elevations are in metres and relate to OSi Geod Model (OSGM02) 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 (TLLG).

Client



Project

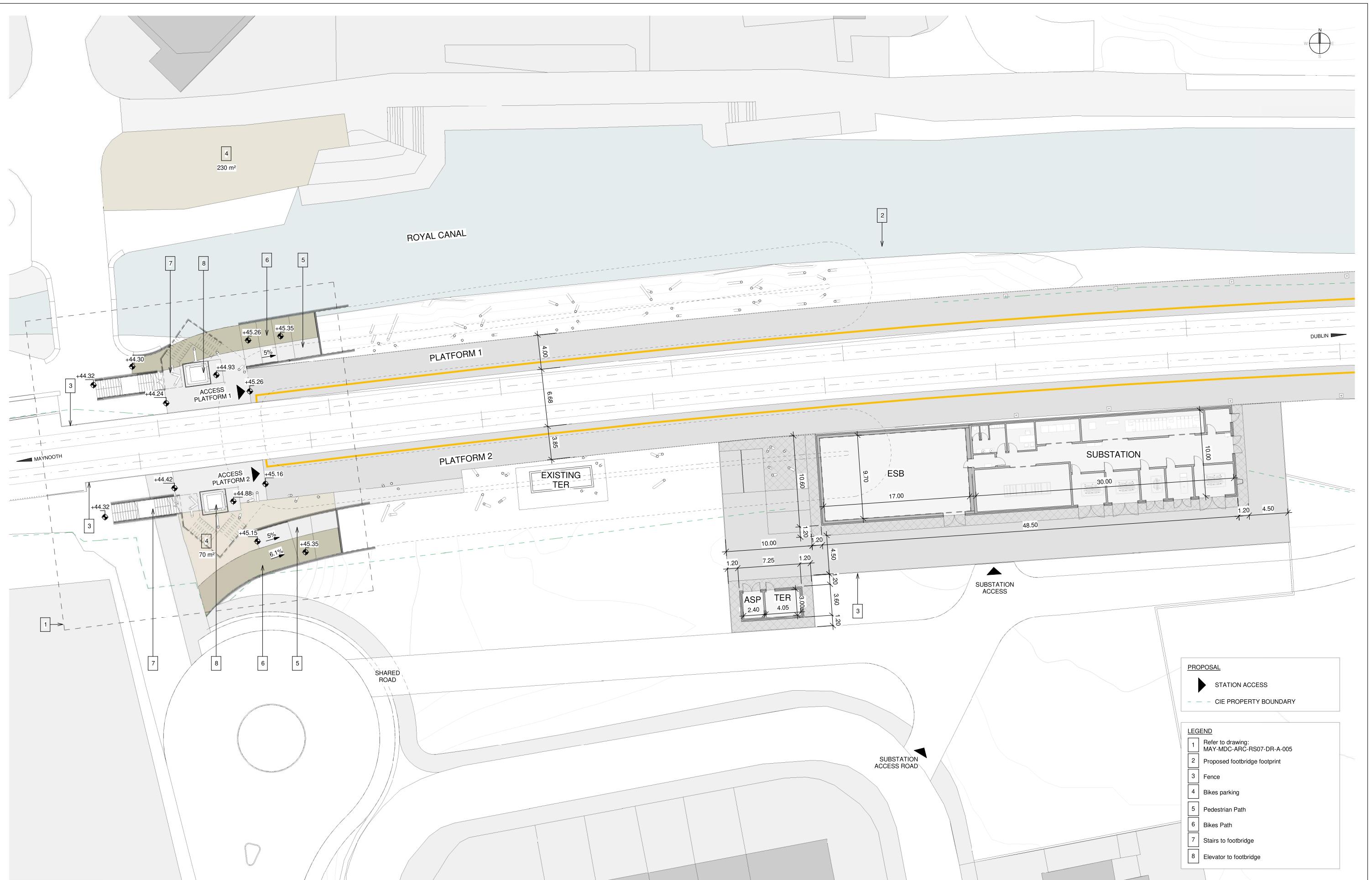


Drawing Title

STATION DESIGN
ASHTOWN STATION
DEMOLITION PLAN

Scale:	Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
1:200 @ A1	MAY MDC ARC RS07 DR A	DART+ West						0002	D

Date: AUGUST 2023 Job No: P/101086 Status: S3 - For Review & Comment Rev: V01 Sheet: 2 of 2



Client		
V01 August 2023	Proposed Developments following Railway Order Submissions	GDV JDR CCH
V01 April 2023	PLANNING ISSUE	GDV JDR CCH
REV. DATE	Description	PRODUCED BY REVIEWED BY APPROVED BY

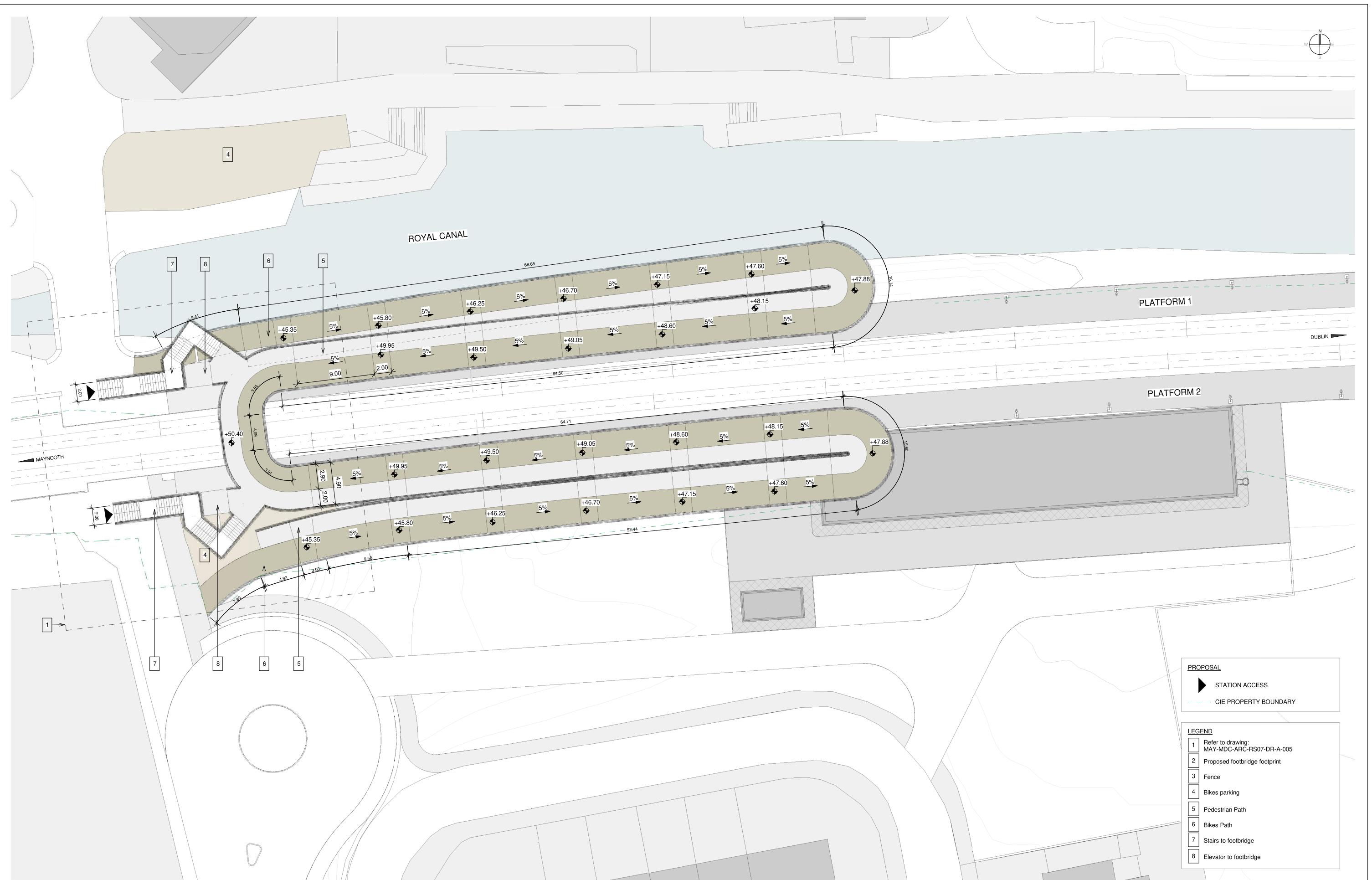
© Irish Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland"
Survey No. 0039720 (OSi Aerial Data or OSi Lidar Data & Survey No. 2020-OSi_NMA_180 (OSi Vector Data).
All elevations are in metres and relate to OSi Geod Model (OSGM02) Malin 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).



Project



Drawing Title		STATION DESIGN ASHTOWN STATION PLATFORM LEVEL PLAN								
Scale:	1:200 @ A1	Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
		MAY MDC ARC RS07 DR A	0003	D						
Date:	AUGUST 2023	Job No:	P/101086	Status:	S3 - For Review & Comment	Rev:	V01	Sheet:	1 of 2	



Client		
V01	August 2023	Proposed Developments following Railway Order Submissions
GDV	JDR	CCH
V01	April 2023	PLANNING ISSUE
REV.	DATE	Description
PRODUCED BY	REVIEWED BY	APPROVED BY

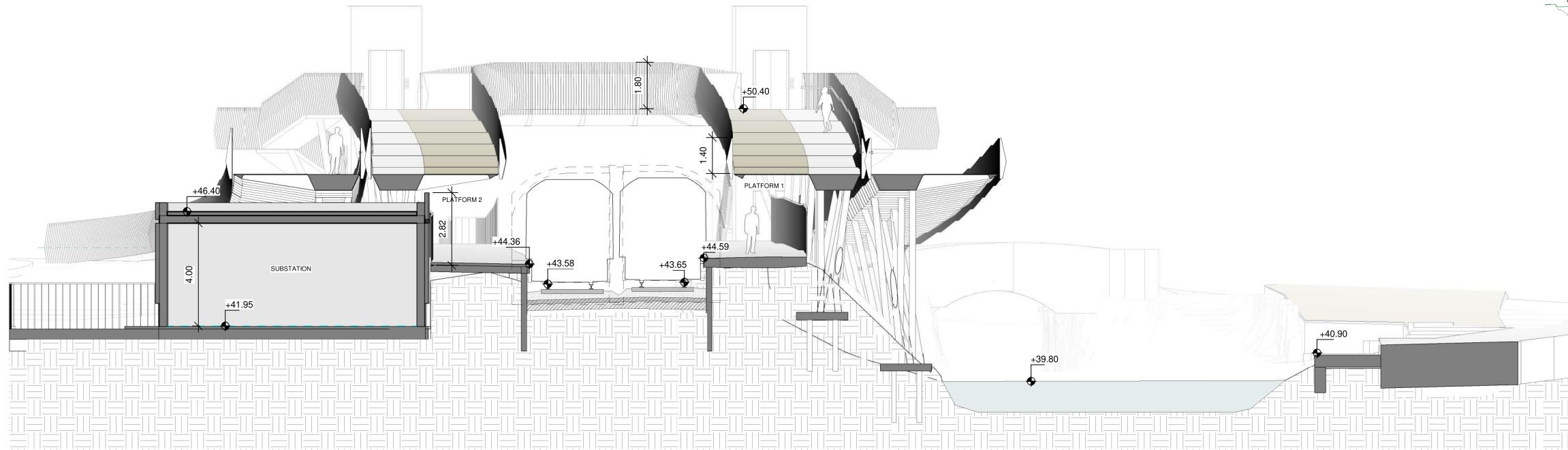
© Irish Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland"
Survey No. 0039720 (OSi Aerial Data or OSi Lidar Data & Survey No. 2020-OSI_NMA_180 (OSi Vector Data).
All elevations are in metres and relate to OSi Geod Model (OSGM02) 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 (TLLG).



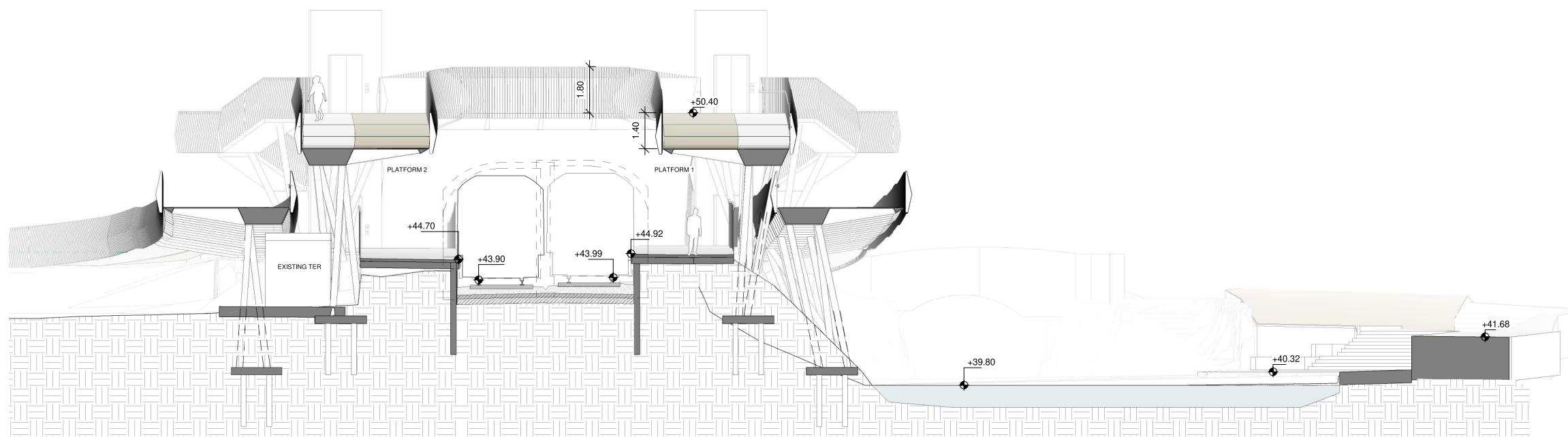
Project



Drawing Title										
STATION DESIGN ASHTOWN STATION FOOTBRIDGE LEVEL PLAN										
Scale:	Drawing Number		Project	Originator	Discipline	Location	Type	Role	Number	Phase
1:200 @ A1	Drawing Number		MAY	MDC	ARC	RS07	DR	A	0003	D
	Date:		AUGUST 2023	Job No:	P/101086	Status:	S3 - For Review & Comment	Rev:	V01	Sheet: 2 of 2



1 | Cross Section 01
Scale 1 : 100



2 | Cross Section 02
Scale 1 : 100

NOTES

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

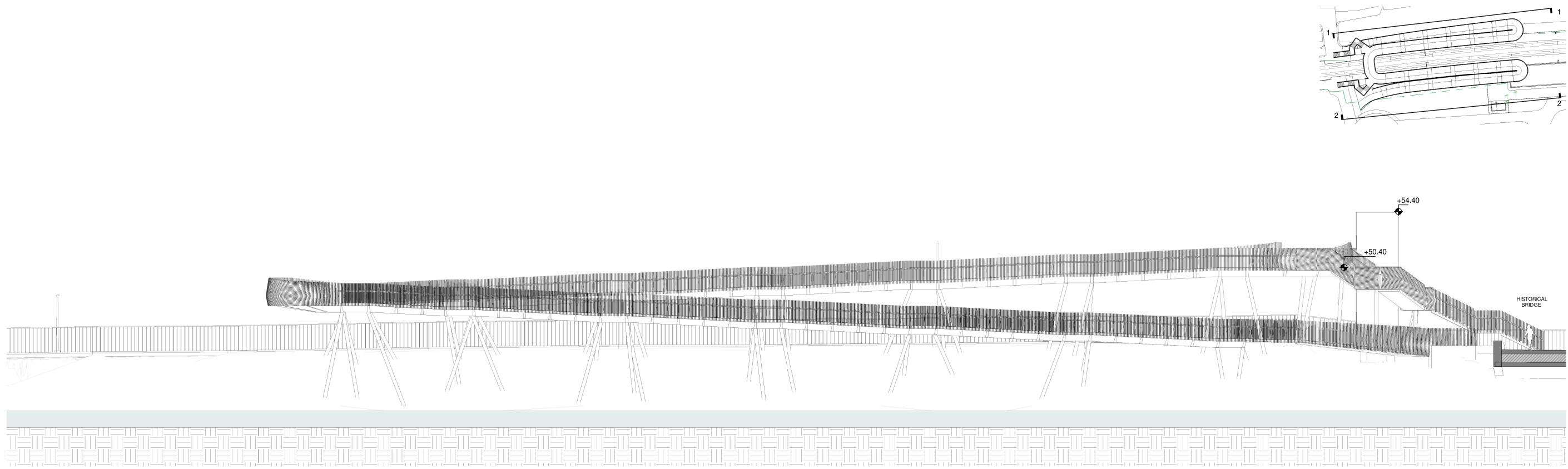
Client		
V01	August 2023	Proposed Developments following Railway Order Submissions
REV.	GDV	JDR
DATE	PRODUCED BY	REVIEWED BY
	APPROVED BY	

© Irish Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
 © Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland"
 Survey No. 0039720 (OSi Aerial Data or OSi Lidar Data & Survey No. 2020-OSI_NMA_180 (OSi Vector Data).
 All elevations are in metres and relate to OSi Grid Model (OSGM02) Malin 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).

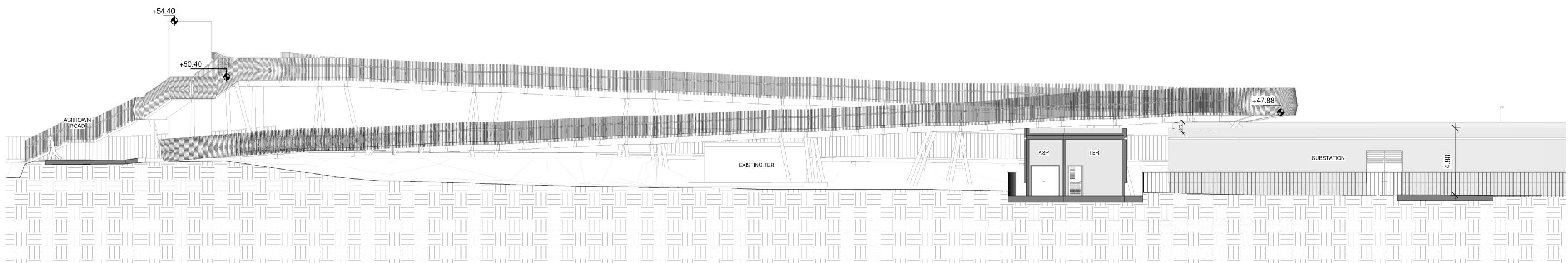
Consultant		
IDOM	C3	FIROD FOUGHAN & O'DONOVAN



Drawing Title									
STATION DESIGN ASHTOWN STATION FOOTBRIDGE. CROSS SECTIONS									
Scale:		Drawing Number		Project		Originator		Discipline	
1:100 @ A1		MAY	MDC	ARC	RS07	DR	A	0006	D
0	0.5	1	2	3	4	5			
Date:	AUGUST 2023	Job No:	P/101086	Status:	S3 - For Review & Comment	Rev:	V01	Sheet:	1 of 1



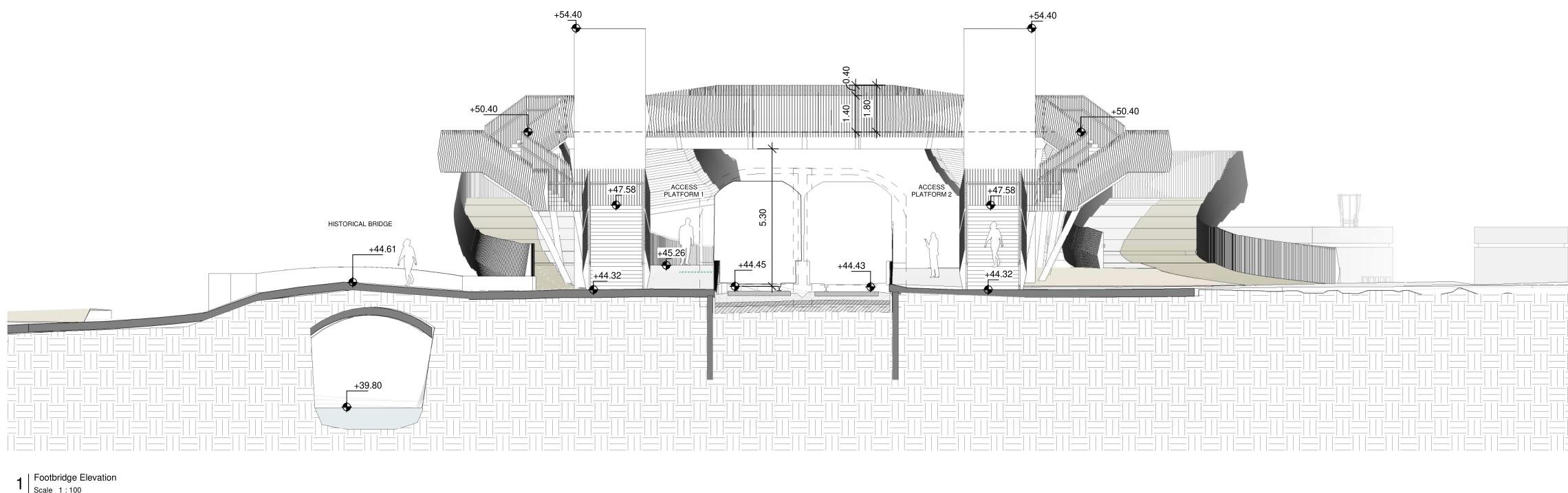
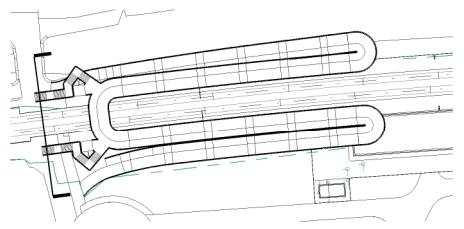
1 | Longitudinal Section 01
Scale 1 : 150



2 | Longitudinal Section 02

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



NOTES

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

V01	August 2023	Proposed Developments following Railway Order Submissions	GDV	JDR
V01	April 2023	PLANNING ISSUE	GDV	JDR
REV.	DATE	Description	PRODUCED BY	REVIEWED BY

Produced by IDOM | Reviewed by NTA | Approved by Iarnród Éireann

© Irish Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
 © Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland"
 Survey No. 0039720 (OSi Aerial Data or OSi Lidar Data & Survey No. 2020-OSI_NMA_180 (OSi Vector Data).
 All elevations are in metres and relate to OSi Geod Model (OSGM02) 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 (TLLG).

Client



Tioncadal Eireann
Project Ireland
2040



Údarás Náisiúnta Iompair
National Transport Authority



Project



Drawing Title

STATION DESIGN
ASHTOWN STATION
FOOTBRIDGE. ELEVATION

Scale:
1:100 @ A1
0 0.5 1 2 3 4 5

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
MAY	MDC	ARC	RS07	DR	A	0008	D	
Date:	AUGUST 2023	Job No:	P/101086	Status:	S3 - For Review & Comment	Rev:	V01	Sheet: 1 of 1

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



		Client		
V 02	October 2024	UPDATED RAILWAY ORDER	KH	TL MK
V 01	April 2022	PHASE 3 - PRELIMINARY DESIGN	KH	TL MK
REV. DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland". Survey No. 0030721 (OS Aerial Data or OSi Lidar Data & Survey No. 2021/OSI_MMA_180 (OS Vector Data)).
All elevations are in metres and relate to OSi Geod Model (DSGM02) Malin 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).

Consultant

IDOM

G5

FIROD
ROUGHAN & O'DONOVAN

Project

DART+ West

Drawing Title

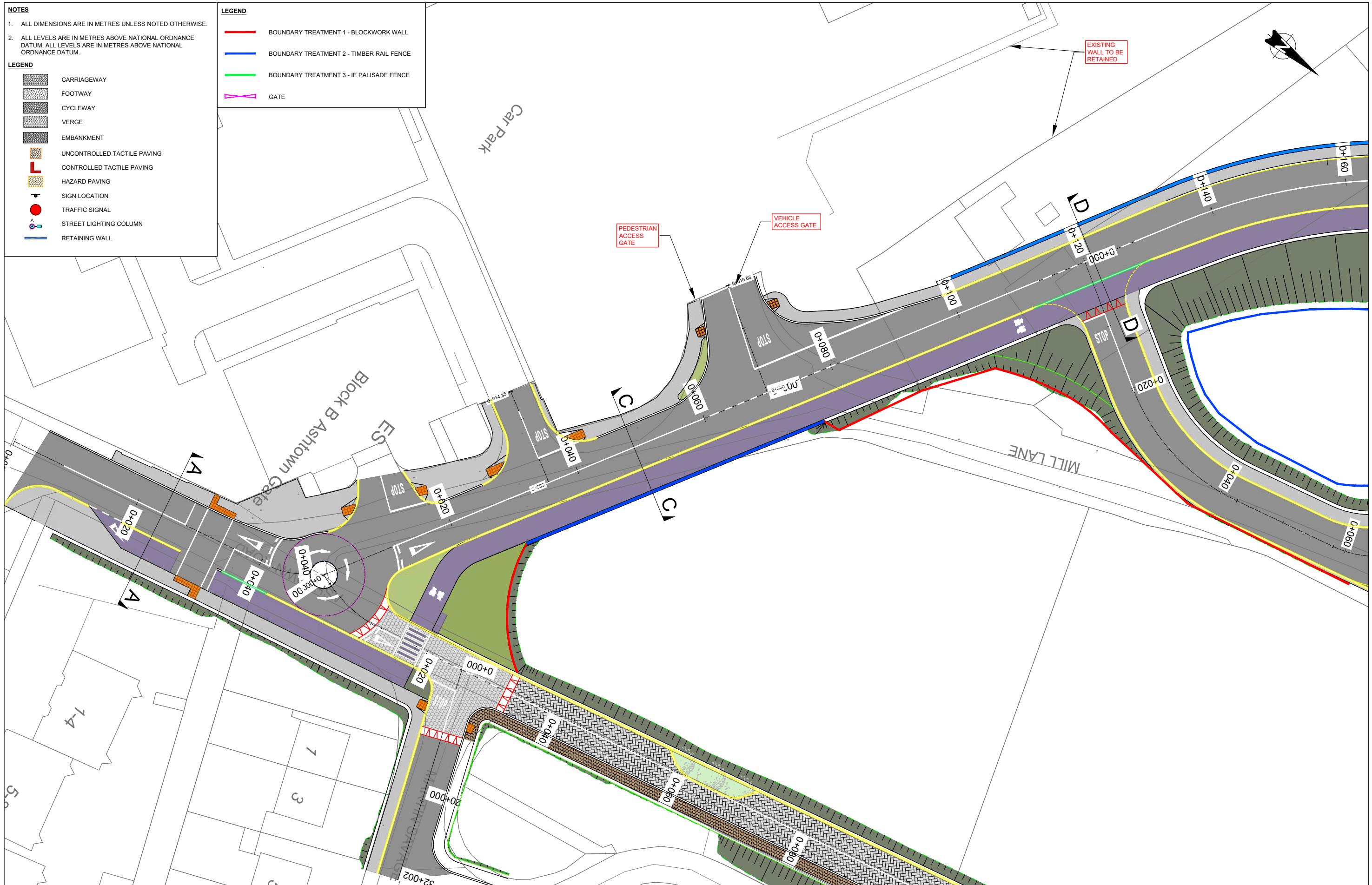
ROADWORKS DESIGN - LC01: ASHTOWN
GENERAL ARRANGEMENT
SHEET LAYOUT

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

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

MAY MDC HRW LC01 DR C 0100 C

Date: October 2024 Job No: P/101086 Status: F1 - Approved & Accepted Rev: V 02 Sheet: 01 of 01



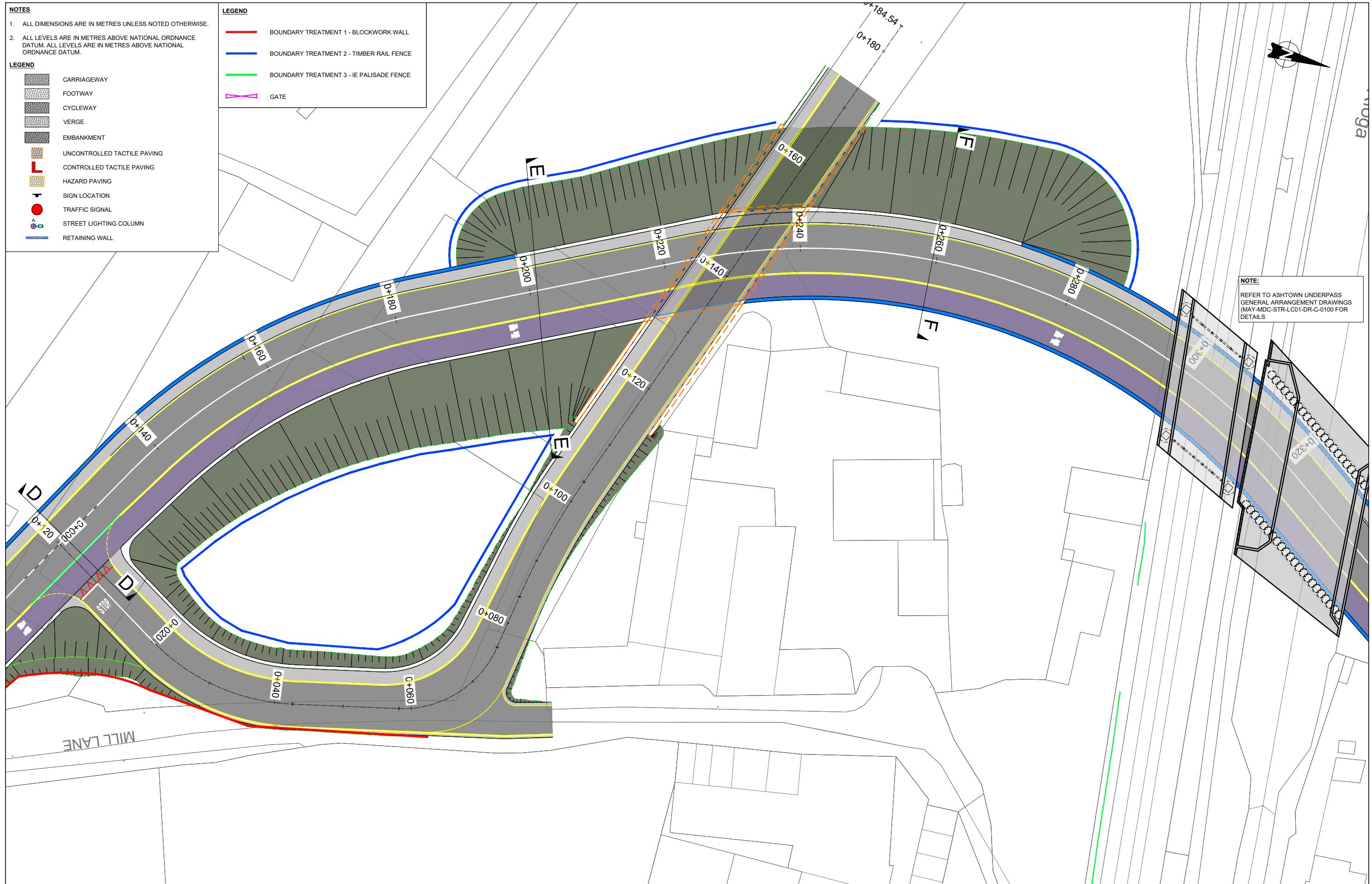
REV.	DATE	DESCRIPTION	Client
V 01	April 2022	PLANNING ISSUE	Tionscadal Eireann Project Ireland 2040

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland"
Survey No. 0309721 (OSI Aerial Data) & Survey No. 2021051_NMA_189 (OSI Vector Data).
All plan lines are in metres relative to OSIR 2016 Grid (OSGM02) Mallaig Head as defined by existing Project Context.
All coordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSIR active GPS station Tallaght College (TLC).

Consultant
IDOM



Drawing Title									
ROADWORKS DESIGN - LC01: ASHTOWN GENERAL ARRANGEMENT SHEET 1 OF 4									
Scale:		Drawing Number Project Originator Discipline Location Type Role Number Phase							
1:250 @ A1 1:500 @ A3		MAY MDC HRW LC01 DR C 0101 D							
0	3.125	6.25	12.5	Date: April 2022		Job No: P/101086	Status: F1 - Approved & Accepted	Rev: V 01	Sheet: 01 of 04



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

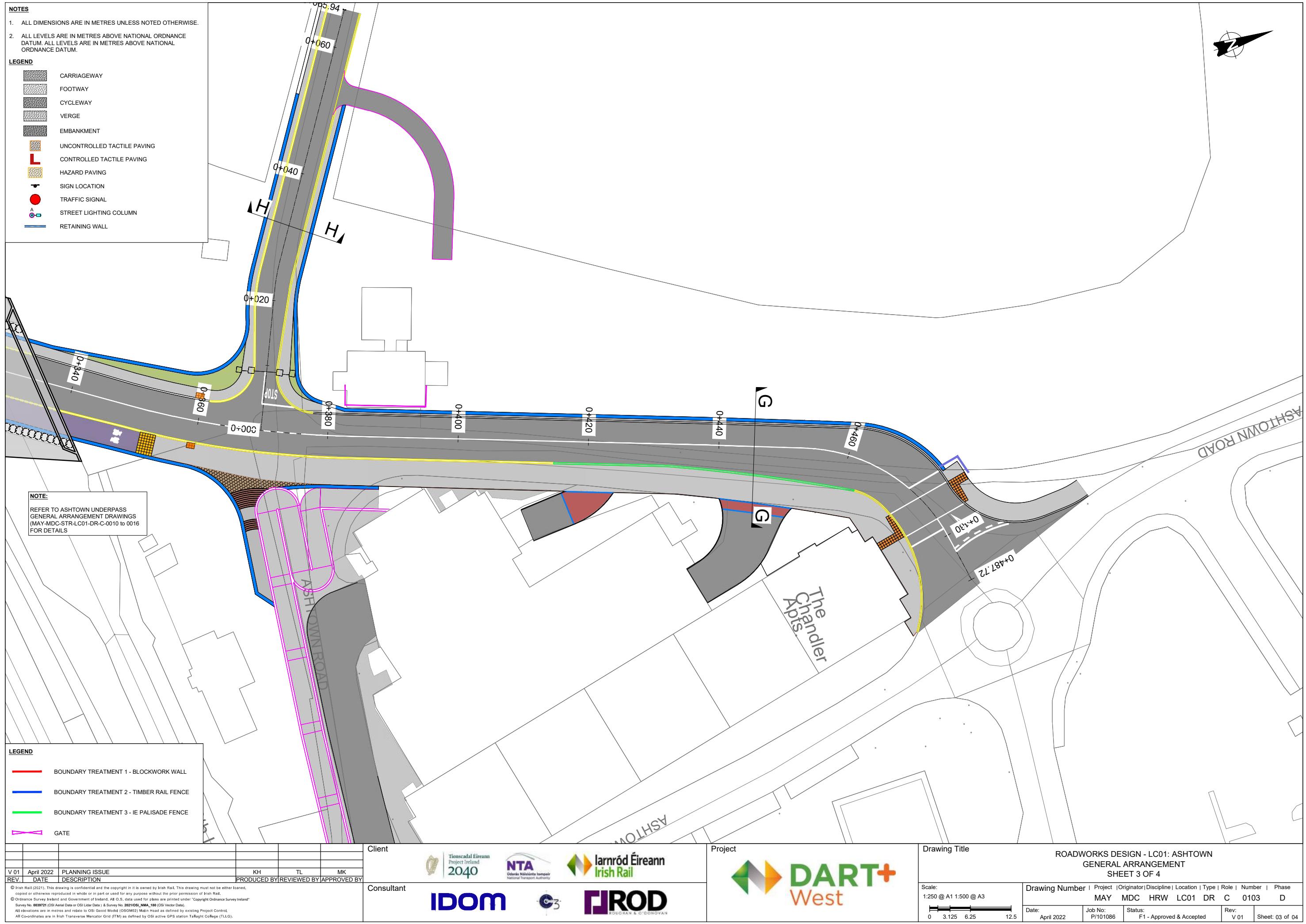
© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
 © Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland"
 Survey No. 0039721 (OSI Aerial Data) & Survey No. 2021051_NMA_189 (OSI Vector Data)
 All plan areas are in metres relative to OSGB 1936 National Grid (OSGM02) Maitland Heighs as defined by existing Project Context.
 All coordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLC).

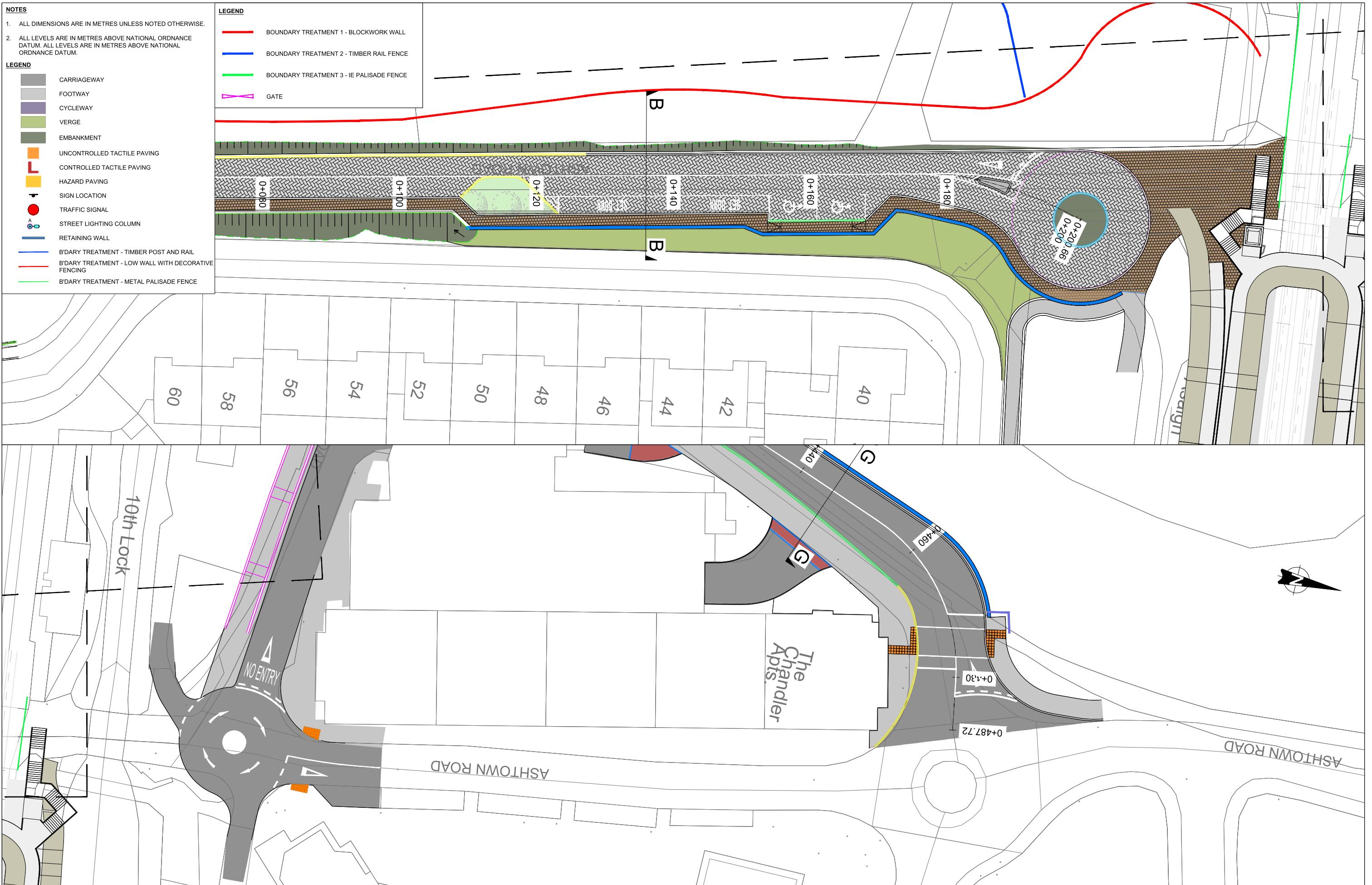
Consultant
IDOM **c3** **FRID**
 FOUDRAN & O'CONOROVAN

Project
DART+
West

Drawing Title
**ROADWORKS DESIGN - LC01: ASHTOWN
GENERAL ARRANGEMENT
SHEET 2 OF 4**

Scale: 1:250 @ A1 1:500 @ A3	Drawing Number Project Originator Discipline Location Type Role Number Phase MAY MDC HRW LC01 DR C 0102 D
0 3.125 6.25 12.5	Date: April 2022 Job No: P/101086 Status: F1 - Approved & Accepted Rev: V 01 Sheet: 02 of 04





V 02	October 2024	UPDATED RAILWAY ORDER	KH	TL	MK
V 01	April 2022	PHASE 3 - PRELIMINARY DESIGN	KH	TL	MK
REV. DATE	DESCRIPTION	PRODUCED BY / REVIEWED BY / APPROVED BY			

This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland". Survey No. 0039721 (OSi Aerial Data or OSi Lidar Data) & Survey No. 2021051_IMA_180 (OSi Vector Data). All elevations are in metres and relate to OSi Geod Model (OSGM02) Main Head as defined by existing Project Control. All Coordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Client



Project



Drawing Title

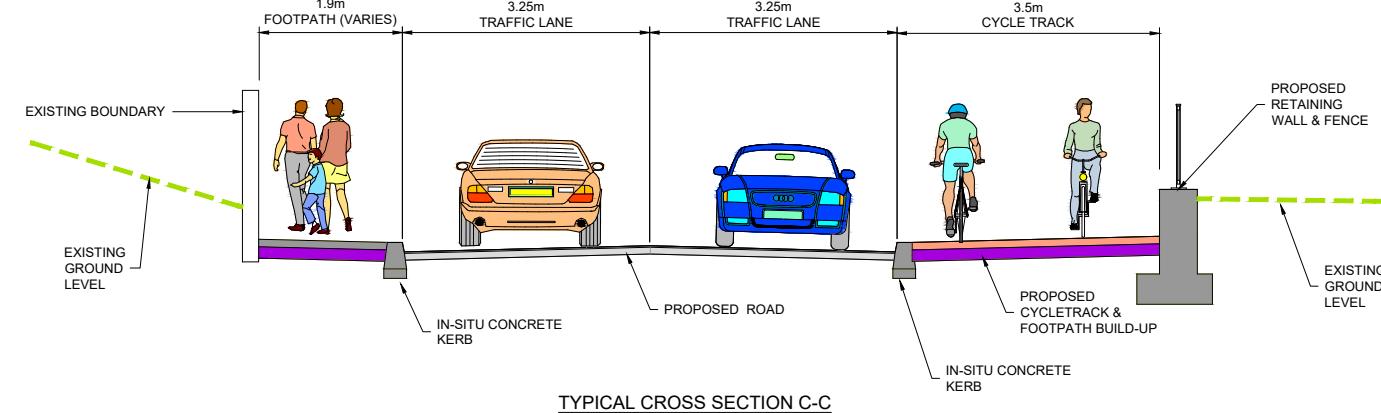
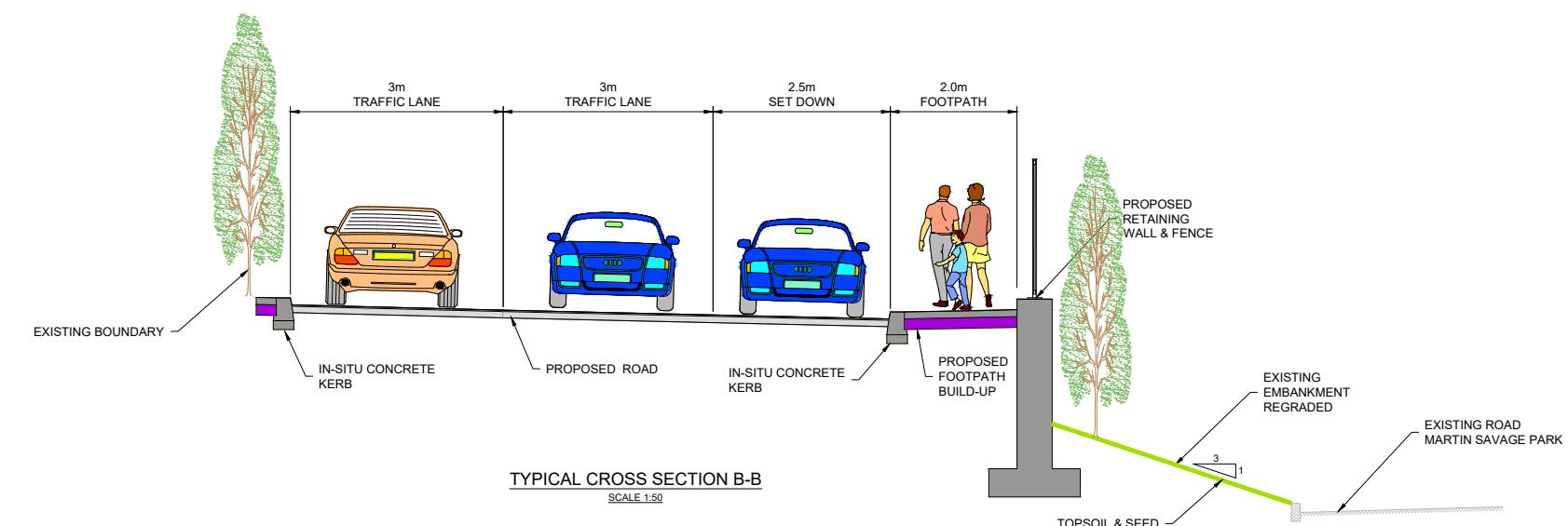
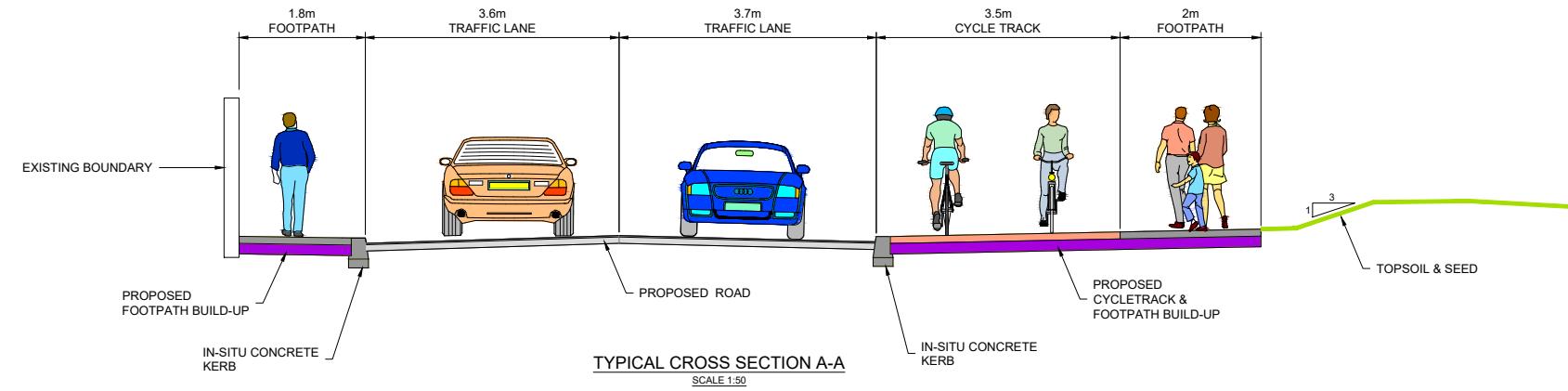
ROADWORKS DESIGN - LC01: ASHTOWN
GENERAL ARRANGEMENT
SHEET 4 OF 4

Scale:
1:250 @ A1 1:500 @ A3
0 3.125 6.25 12.5

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC HRW LC01 DR C 0104 C
Date: October 2024 Job No: P/101086 Status: F1 - Approved & Accepted Rev: V 02 Sheet: 04 of 04

Consultant





NOTES:

1. FOR SECTION LOCATIONS SEE DRAWING: MAY-MDC-HRW-LC01-DR-C-0100, 104
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	PRODUCED BY	REVIEWED BY	APPROVED BY
REV. DATE		DESCRIPTION						

Client



Project

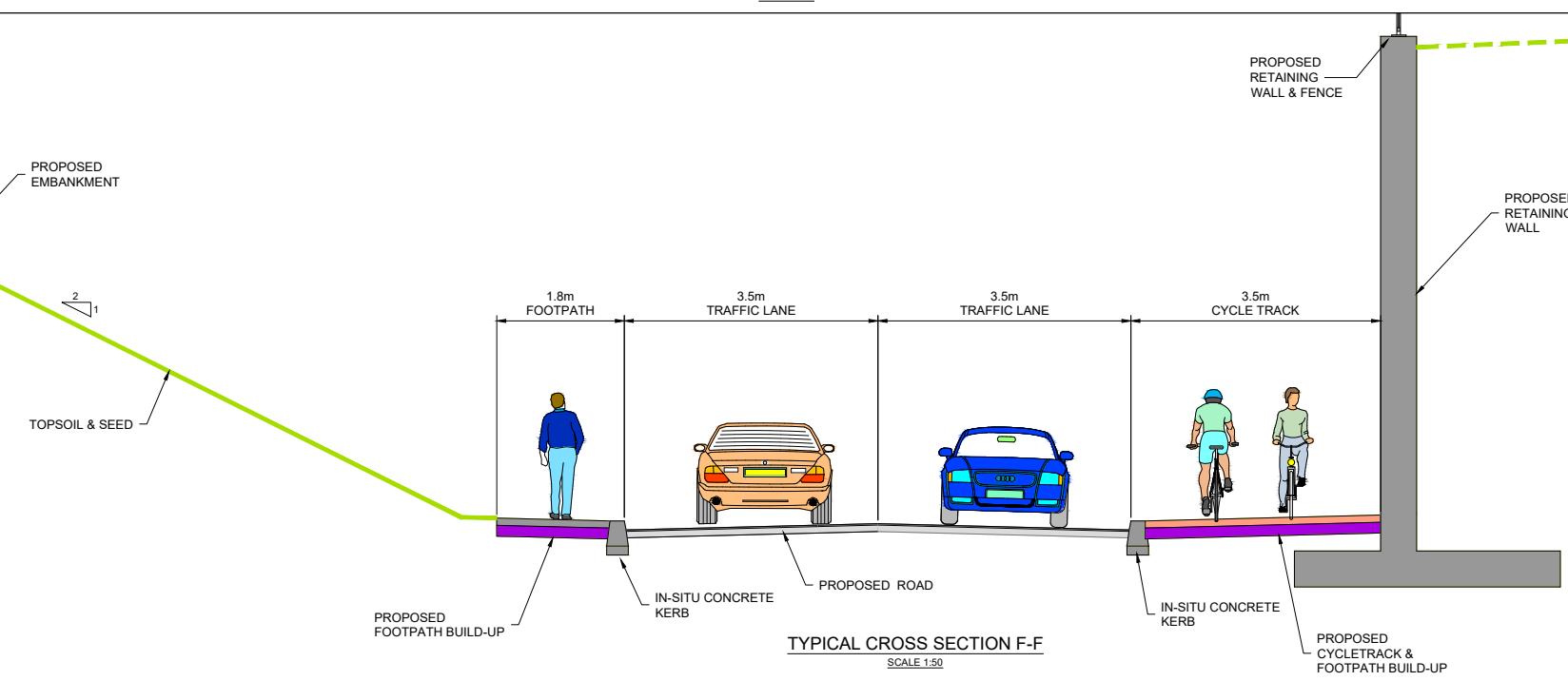
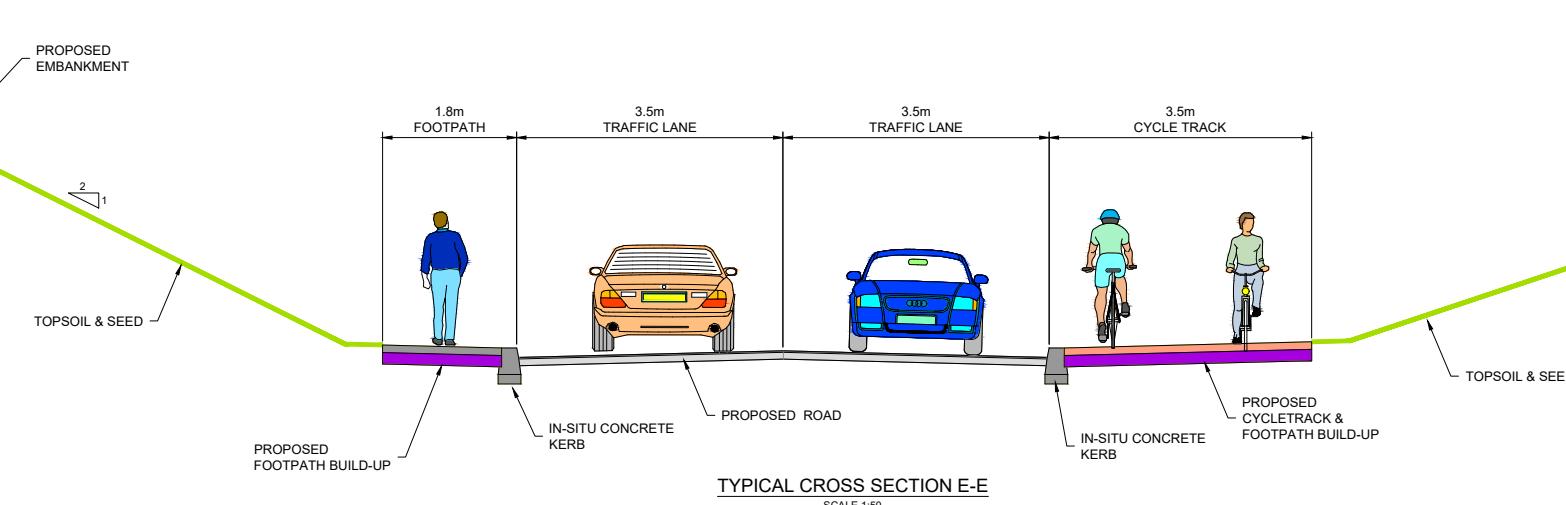
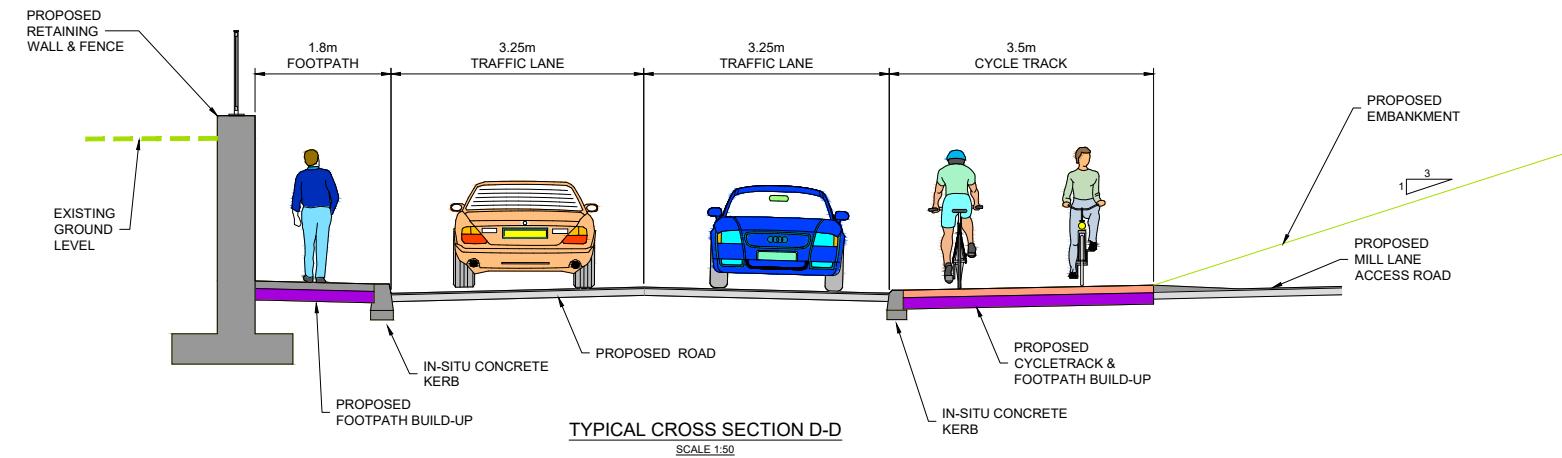


Drawing Title

ROADWORKS DESIGN - LC01: ASHTOWN
ASHTOWN ROAD ALIGNMENT - TYPICAL CROSS SECTIONS
SHEET 01 of 03

Scale:
1:50 @ A1 1:100 @ A3
0 0.625 1.25 2.5

Drawing Number	Project	Originator	Discipline	Location	Type	Number	Phase
MAY	MDC	HRW	LC01	DR	C	0105	D
Date:	April 2022	Job No:	P/101086	Status:	F1 - Approved & Accepted	Rev:	V 01
Sheet: 01 of 03							



NOTES:

- FOR SECTION LOCATIONS SEE DRAWING: MAY-MDC-HRW-LC01-DR-C-0100, 104
- THE BOUNDARY TREATMENT SHOWN IS INDICATIVE ONLY.
- THE PROPOSED PAVEMENT CONSTRUCTION IS INDICATIVE ONLY.

V 01	April 2022	PLANNING ISSUE	KH	TL	MK	PRODUCED BY	REVIEWED BY	APPROVED BY

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0039721 (OSI Aerial Data or OSI Lidar Data) & Survey No. 2021OSI_NMA_180 (OSI Vector Data).
All elevations are in metres and relate to OSi Geod Model (OSGM02) Malin 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



Project



Drawing Title

ROADWORKS DESIGN - LC01: ASHTOWN
ASHTOWN ROAD ALIGNMENT - TYPICAL CROSS SECTIONS
SHEET 02 of 03

Scale:

1:50 @ A1 1:100 @ A3

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

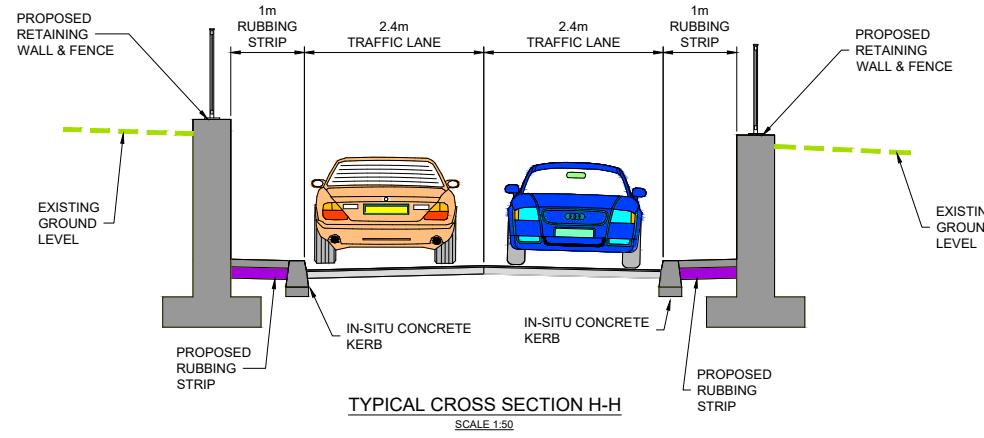
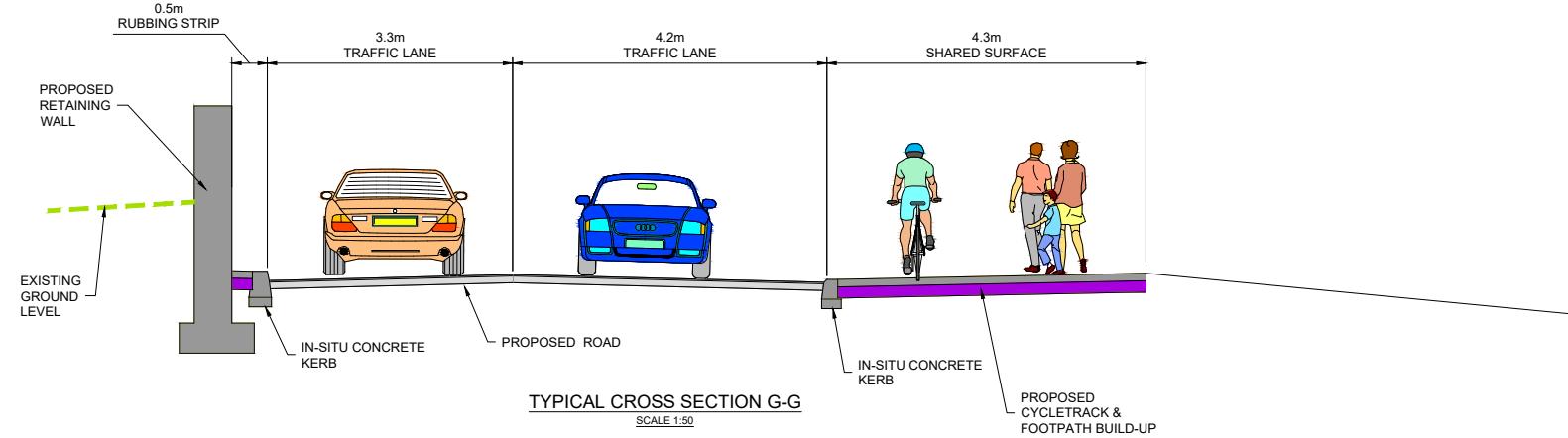
MAY MDC HRW LC01 DR C 0106 D

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

Rev: V 01 Sheet: 02 of 03

Consultant

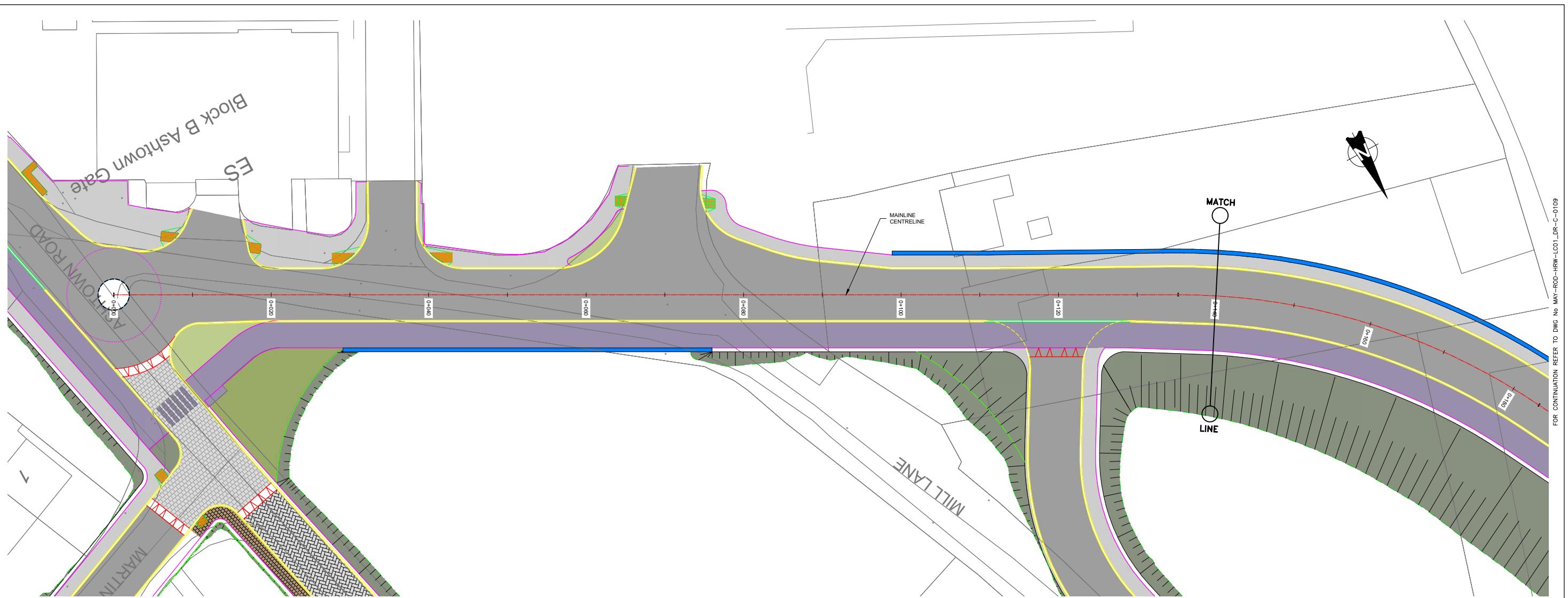




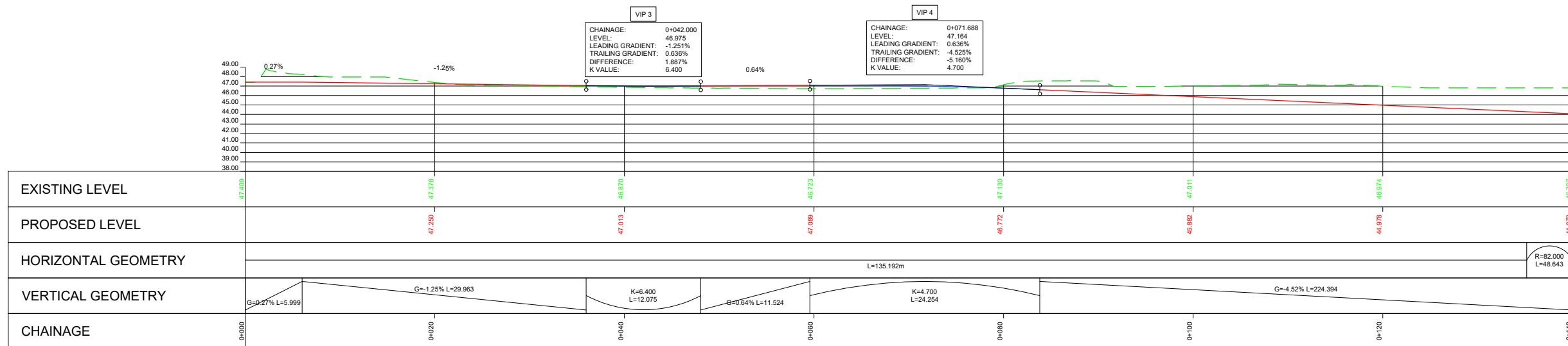
NOTES:									
1. FOR SECTION LOCATIONS SEE DRAWING: MAY-MDC-HRW-LC01-DR-C-0100, 104									
2. THE BOUNDARY TREATMENT SHOWN IS INDICATIVE ONLY.									
3. THE PROPOSED PAVEMENT CONSTRUCTION IS INDICATIVE ONLY.									

V 01	April 2022	PLANNING ISSUE DATE	PRODUCED BY	REVIEWED BY	APPROVED BY	Client	Project	Drawing Title
			KH	TL	MK	 Tioncalá Éireann Project Ireland 2040	 Iarnród Éireann Irish Rail	ROADWORKS DESIGN - LC01: ASHTOWN ASHTOWN ROAD ALIGNMENT - TYPICAL CROSS SECTIONS SHEET 03 of 03
REV.								
								Scale: 1:50 @ A1 1:100 @ A3
						Consultant		Drawing Number Project Originator Discipline Location Type Role Number Phase
						 IDOM	 C3	MAY MDC HRW LC01 DR C 0107 D
								Date: April 2022 Job No: P/101086 Status: F1 - Approved & Accepted Rev: V 01 Sheet: 03 of 03

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0039721 (OSi Aerial Data or OSi Lidar Data) & Survey No. 2021OSi_NMA_180 (OSi Vector Data).
All elevations are in metres and relate to OSi Geod Model (OSGM02) Malin 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).



PART PLAN MAINLINE LAYOUT
A1 SCALE 1:250
A3 SCALE 1:500



LEGEND:

- PROPOSED ROAD CENTRELINE PROFILE
- EXISTING GROUND ALONG ROAD CENTRELINE

REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	TK	TL	MK

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland"
Survey No. 0039721 (SI) Aerial Data of OSI Licence & Survey No. 2021051_NMA_182 (OSI View Data).
All elevations are in metres relative to O.D. Geoid 1995 (OSGM02) Maitin Head as defined by existing Project Context.
All coordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLC).

Client



Project



Drawing Title

ROADWORKS DESIGN - LC01: ASHTOWN
ROAD ALIGNMENT
PLAN AND PROFILE SHEET 1 OF 3

Scale:

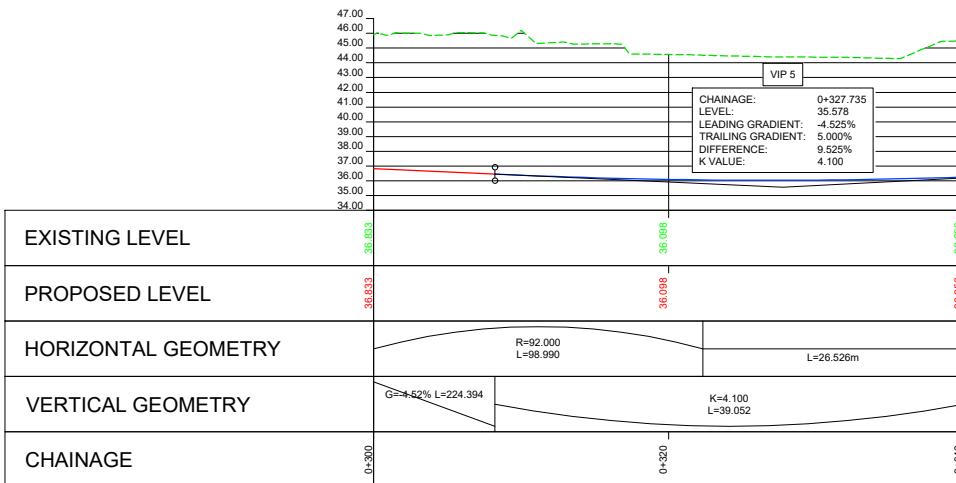
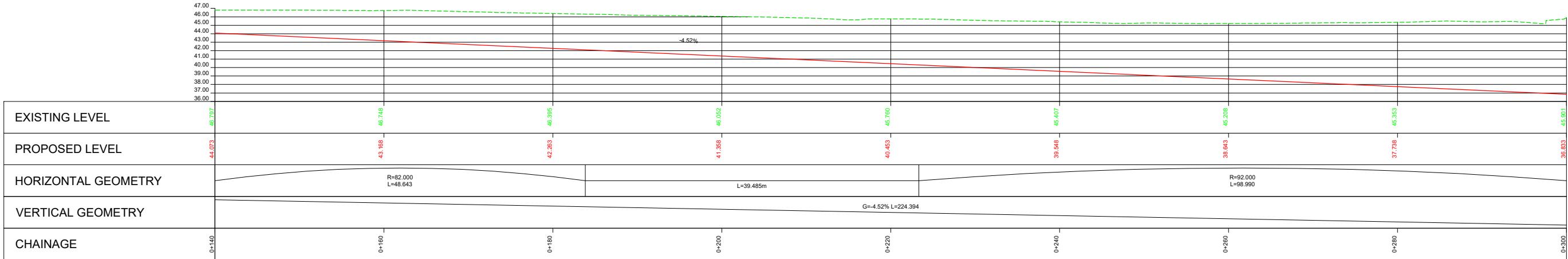
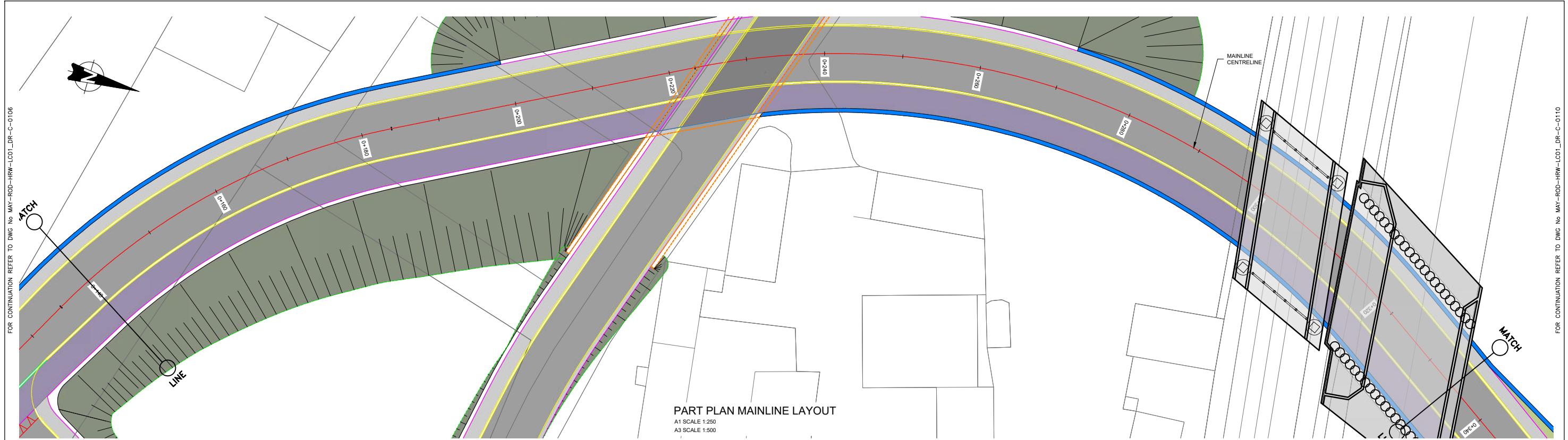
1:250 @ A1 1:500 @ A3

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY ROD HRW LC01 DR C 0108 D

Date: April 2022 | Job No: P/101086 | Status: F1 - Approved & Accepted | Rev: V01 | Sheet: 1 of 3

Consultant





LEGEND:

PROPOSED ROAD CENTRELINE PROFILE
EXISTING GROUND ALONG ROAD CENTRELINE

REV.	DATE	DESCRIPTION	PLANNING ISSUE	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022			TK	TL	MK

Client



PART CL MAINLINE PROPOSED PROFILE
A1 SCALE 1:250 HORIZONTAL
A1 SCALE 1:250 VERTICAL

Project



Drawing Title

ROADWORKS DESIGN - LC01: ASHTOWN
ROAD ALIGNMENT
PLAN AND PROFILE SHEET 2 OF 3

Scale:

1:250 @ A1 1:500 @ A3

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

MAY ROD HRW LC01 DR C 0109 D

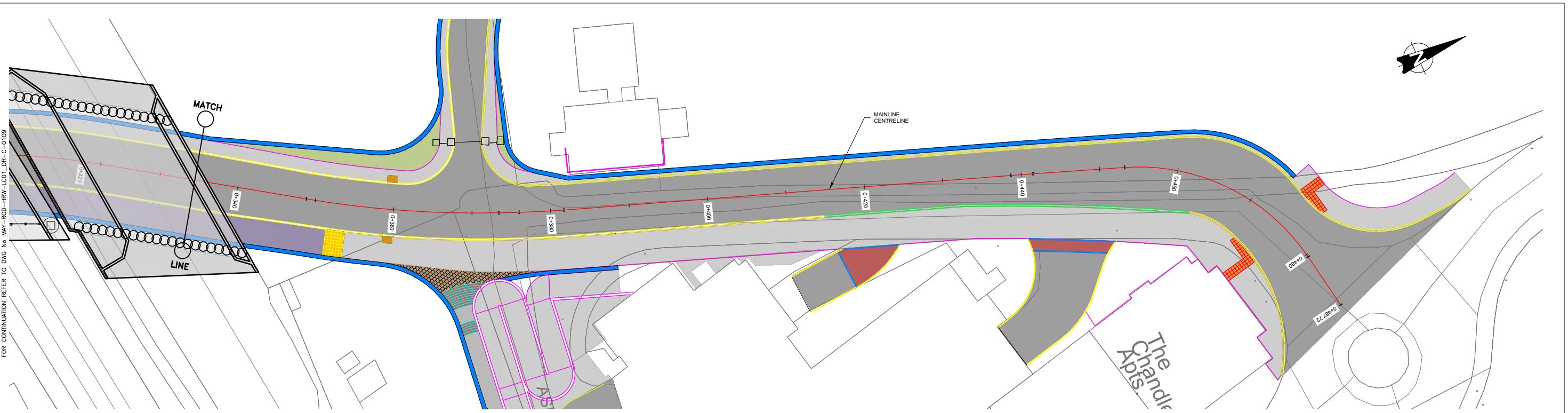
Date: April 2022

Job No: P101086

Status: F1 - Approved & Accepted

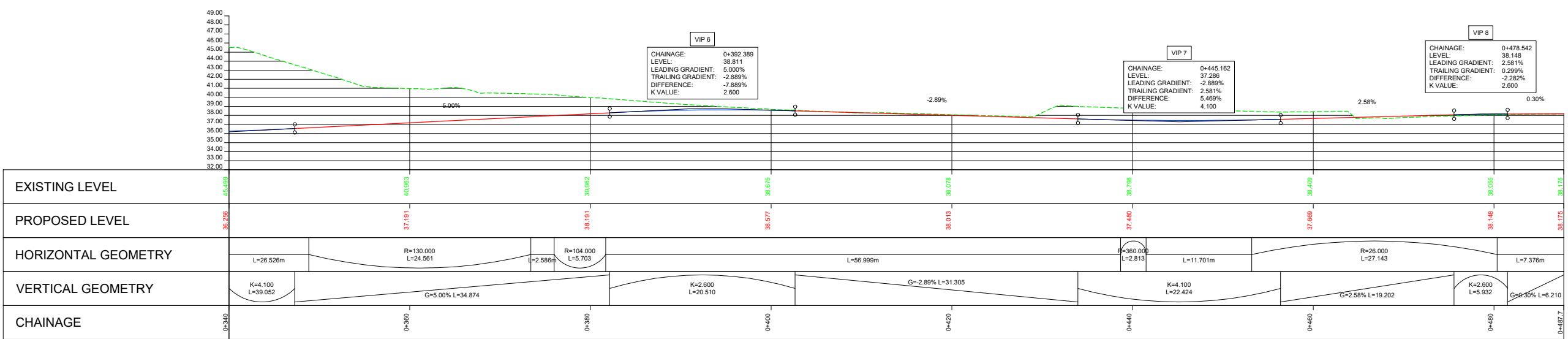
Rev: V01

Sheet: 2 of 3



PART PLAN MAINLINE LAYOUT

A1 SCALE 1:250
A3 SCALE 1:500



PART CL MAINLINE PROPOSED PROFILE

A1 SCALE 1:250 HORIZONTAL
A1 SCALE 1:250 VERTICAL

LEGEND:

- PROPOSED ROAD CENTRELINE PROFILE
- EXISTING GROUND ALONG ROAD CENTRELINE

REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	TK	TL	MK

Client



Project



Drawing Title

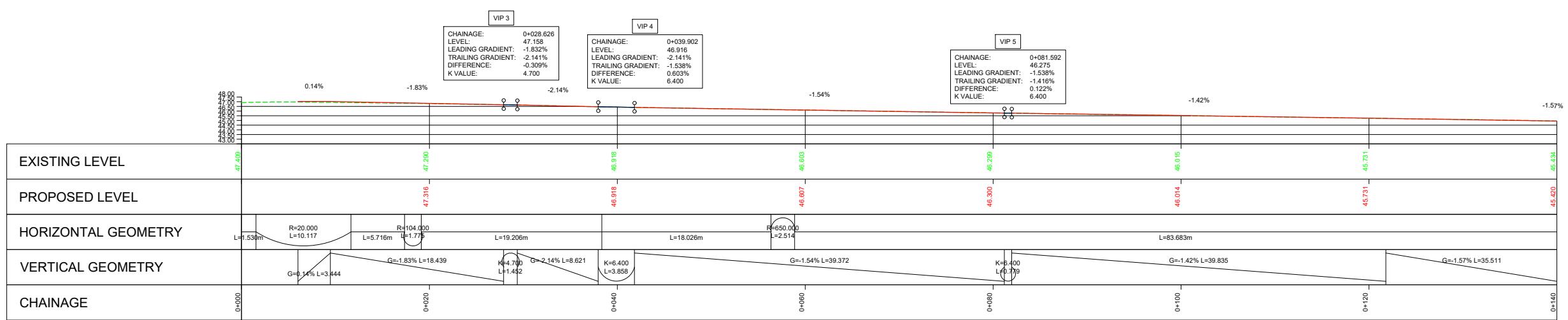
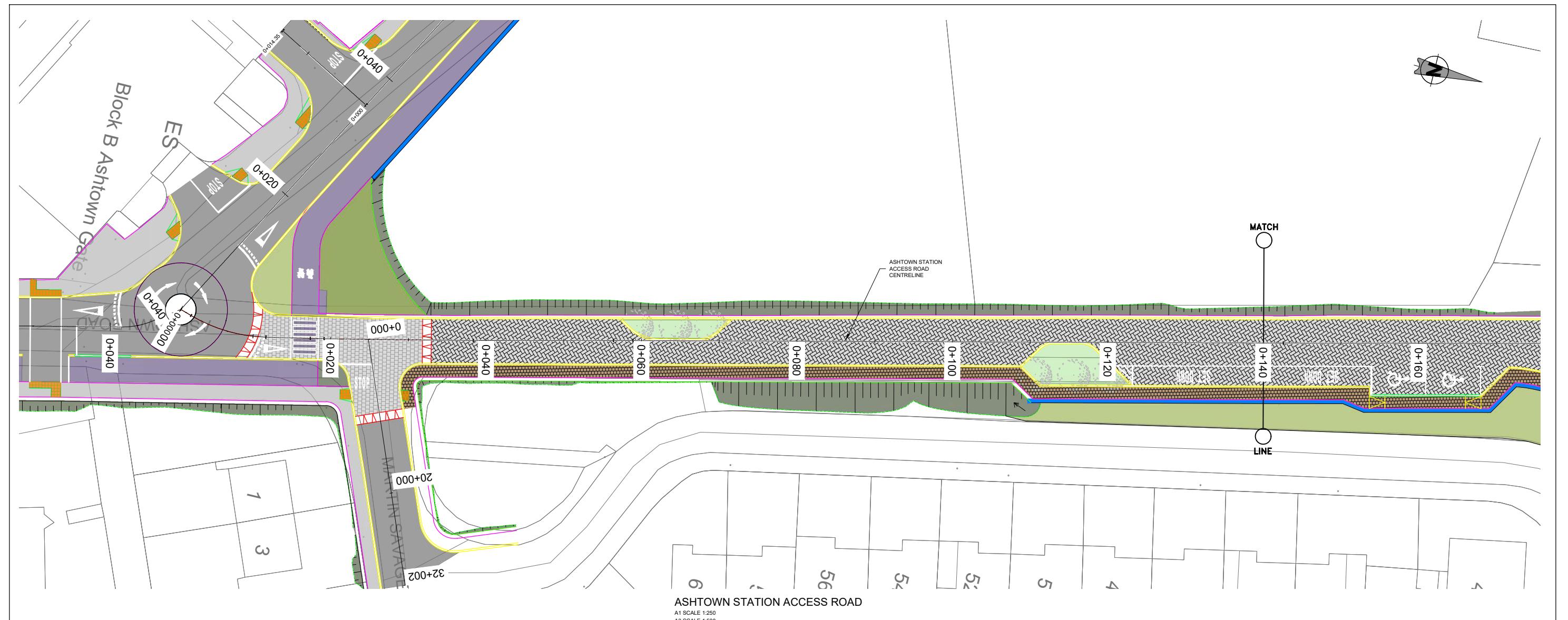
ROADWORKS DESIGN - LC01: ASHTOWN
ROAD ALIGNMENT
PLAN AND PROFILE SHEET 3 OF 3

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

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
MAY ROD HRW LC01 DR C 0110 D								

Date: April 2022 Job No: P/101086 Status: F1 - Approved & Accepted Rev: V01 Sheet: 3 of 3

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland"
Survey No. 0039721 (OS Aerial Data & Survey No. 2021051_NMA_189) (OSM) Data
All elevations are in metres relative to O.D. Geoid 2009 (OSGM02) Mallow Height as defined by Existing Project Context.
All coordinates are in Irish Transverse Mercator Grid (ITM) as defined by OS MasterMap GPS station Tallaght College (TLLG).



LEGEND:

- PROPOSED ROAD CENTRELINE PROFILE
- - - EXISTING GROUND ALONG ROAD CENTRELINE

Client	Project	Drawing Title
Tionscadal Éireann 2040 TK TL MK PRODUCED BY REVIEWED BY APPROVED BY	Iarnród Éireann Irish Rail	ROADWORKS DESIGN - LC01: ASHTOWN STATION ACCESS ROAD ALIGNMENT PLAN AND PROFILE SHEET 1 OF 2

ISSUED FOR PLANNING
REV. DATE DESCRIPTION
IDOM

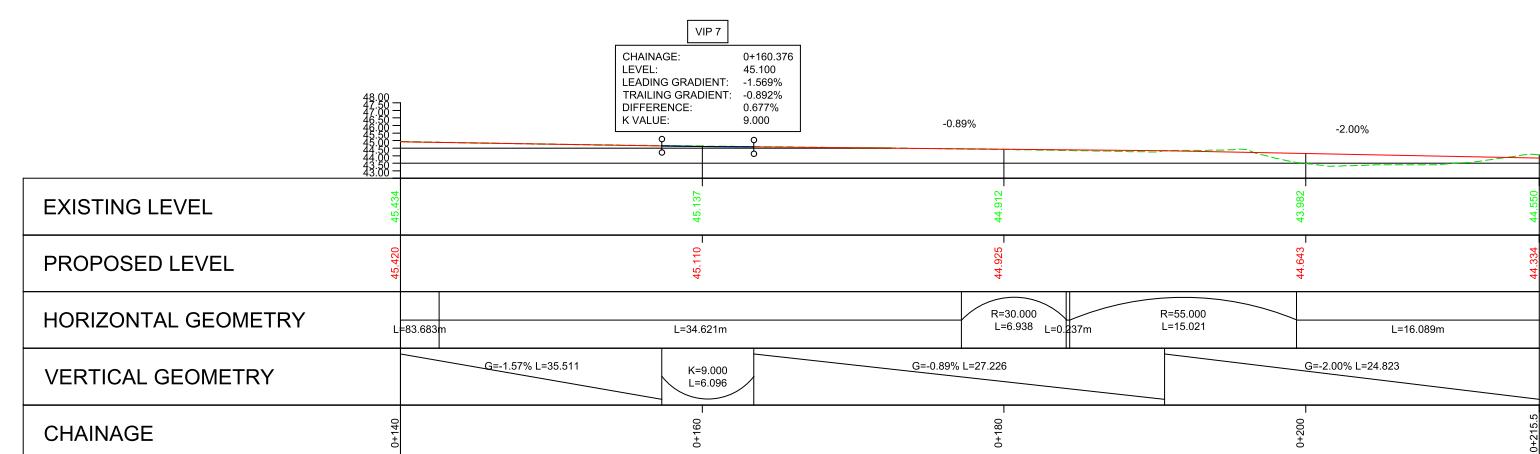
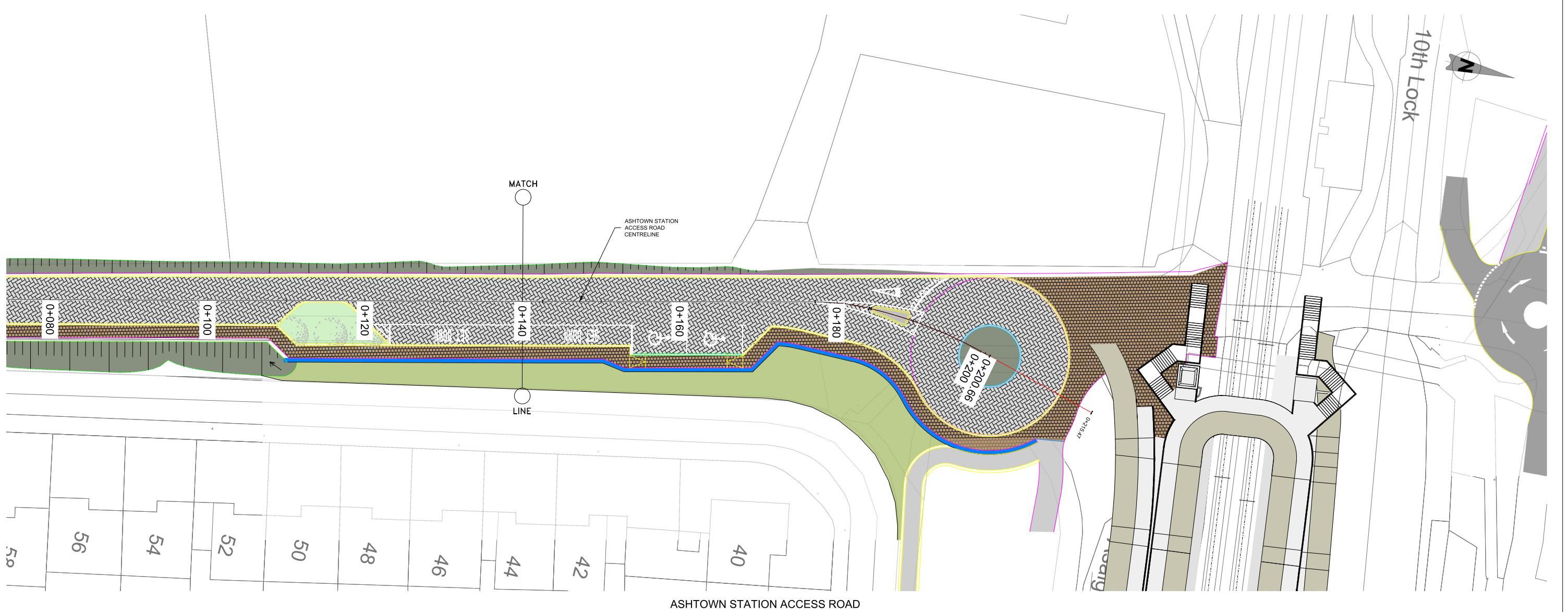
TK TL MK
PRODUCED BY REVIEWED BY APPROVED BY
C3 ROD
FOUDRAN & O' DONOVAN

Consultant

DART+
West

Scale:	Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
1:250 @ A1 1:500 @ A3	MAY	ROAD	HRW	LC01	DR	C	0131	D	
0 3.125 6.25 12.5	Date:	April 2022	Job No:	P/101086	Status:	F1 - Approved & Accepted	Rev:	V 01	Sheet: 1 of 2

This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland".
Survey Ref: 0039721 (SI) Aerial Data © O.S. Licence No. 2021051_NMA_189 (OS View Data).
All elevations are in metres relative to O.S. National Grid (TGGM2) Mallow Height as defined by Existing Project Control.
All coordinates are in Irish Transverse Mercator Grid (ITM) as defined by O.S. active GPS station Tallaght College (TLLG).



LEGEND:

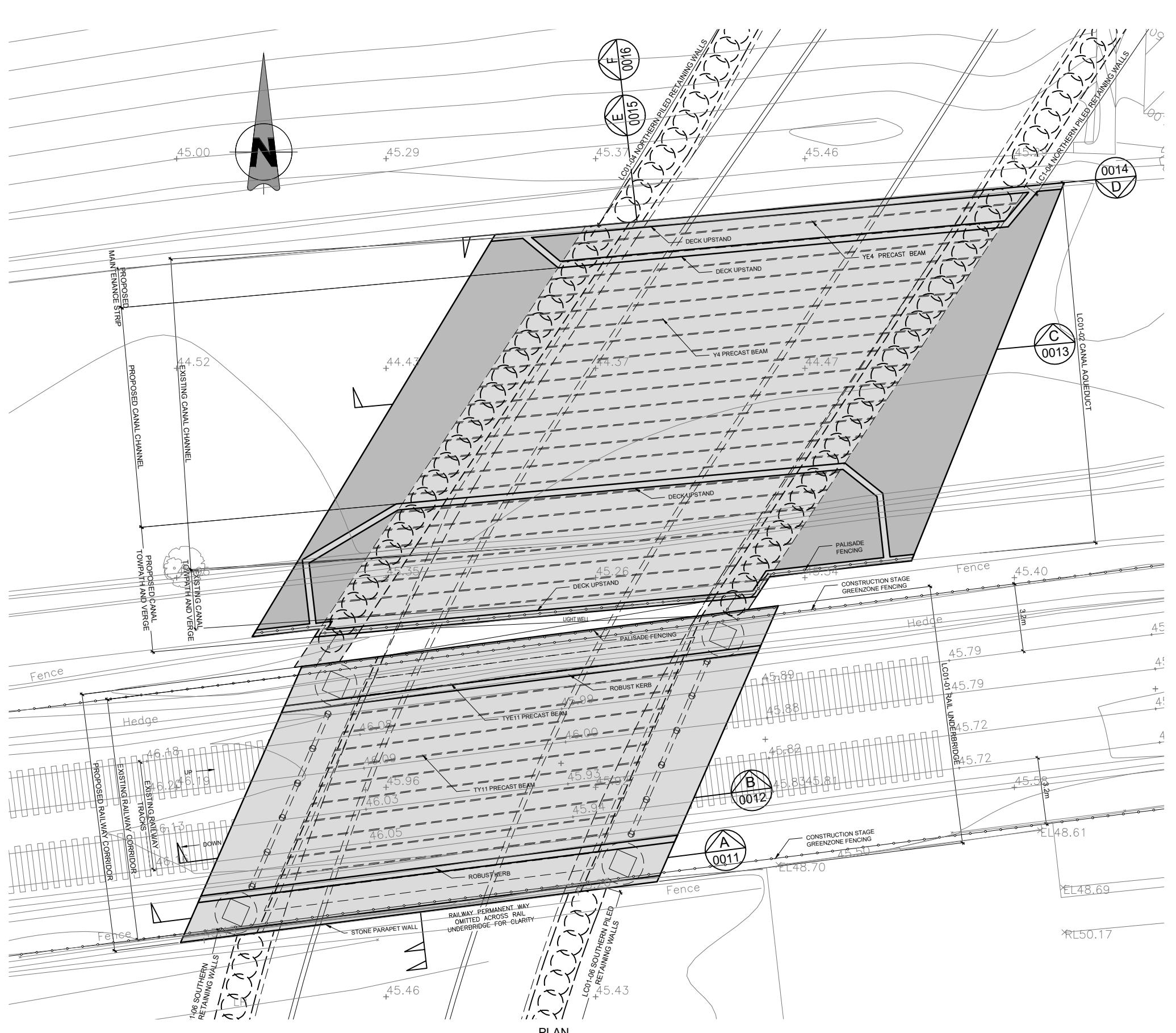
PROPOSED ROAD CENTRELINE PROFILE
EXISTING GROUND ALONG ROAD CENTRELINE

REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
V 02	October 2024	UPDATED RAILWAY ORDER	TK	TL	MK
V 01	April 2022	PHASE 3 - PRELIMINARY DESIGN	TK	TL	MK

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland"
Survey No. 0039721 (OS Aerial Data or OSi Lidar Data) & Survey No. 2021051_NIMA_180 (OSi Vector Data).
All elevations are in metres and relate to OSi Geod Model (CSGM02) 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 (TLLG).

ASHTOWN STATION ACCESS ROAD
A1 SCALE 1:250 HORIZONTAL
A1 SCALE 1:250 VERTICAL

Client	Project	Drawing Title	ROADWORKS DESIGN - LC01: ASHTOWN STATION ACCESS ROAD ALIGNMENT PLAN AND PROFILE SHEET 2 OF 2										
 			Scale:	1:250 @ A1 1:500 @ A3	Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
V 02	October 2024	UPDATED RAILWAY ORDER	TK	TL	MK	MAY	ROD	HRW	LC01	DR	C	0132	C
V 01	April 2022	PHASE 3 - PRELIMINARY DESIGN	TK	TL	MK	Date:	Job No:	Status:					
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY		P/101086	F1 - Approved & Accepted	Rev:	V 02	Sheet:	2	of 2

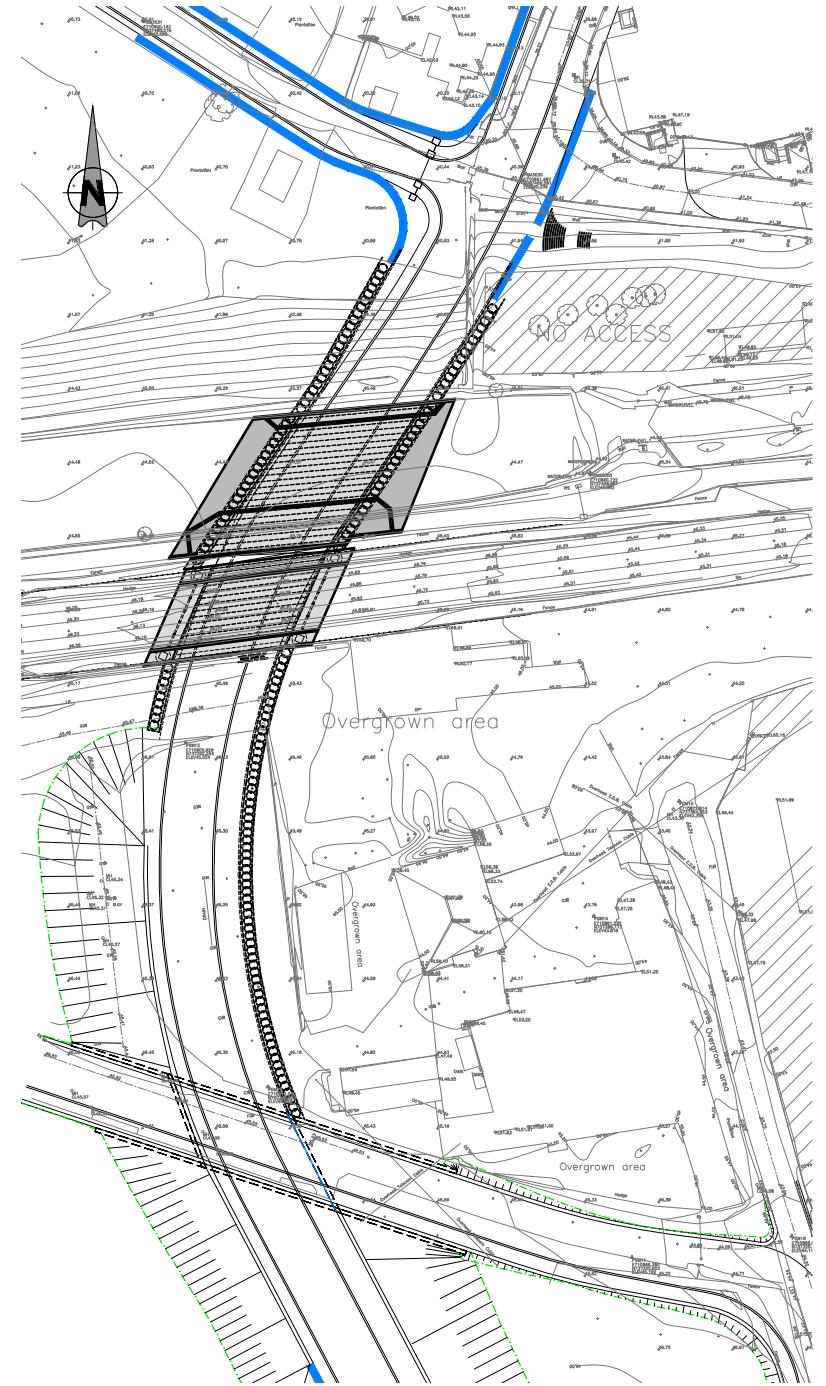


NOTES

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- ALL LEVELS ARE IN METRES ABOVE NATIONAL ORDNANCE DATUM UNLESS NOTED OTHERWISE.
- ALL GROUND STRATA INFORMATION AND GROUND WATER INFORMATION IS ASSUMED AND INDICATIVE. TO BE CONFIRMED FOLLOWING RECEIPT OF SITE SPECIFIC GROUND INVESTIGATION INFORMATION.
- BELLOW GROUND UTILITIES AND DUCTING NOT SHOWN AT THIS STAGE, TO BE DEVELOPED AT DETAILED DESIGN.

REFERENCE INFORMATION

- TOPOGRAPHICAL SURVEY INFORMATION TAKEN FROM DRAWING NUMBER MAY-PCA-VTO-SW-AE-M2-VT-3002
- EXISTING SURFACE WATER DRAINAGE TAKEN FROM MDC DRAWINGS SERIES MAY-MDC-UTL-LC001-DR-C-0021 to 0025
- EXISTING COMBINED AND FOUL WATER DRAINAGE TAKEN FROM MDC DRAWINGS SERIES MAY-MDC-UTL-LC001-DR-C-0021 to 0025
- FOR ROAD DRAWINGS REFER TO MDC DRAWING NUMBER SERIES MAY-MDC-HRW-LC001-DR-C-0001 to 0005



Client		
V01 April 2022	PLANNING ISSUE	
REV. DATE	DESCRIPTION	PRODUCED BY / REVIEWED BY / APPROVED BY

This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
 © Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland"
 Survey No. 0039721 (OS Aerial Data) & Survey No. 2021051(NMA_182) (OS Water Data)
 All elevations are in metres relative to OS Datum (OSGM02) Mean Sea as defined by Existing Project Context.
 All coordinates are in Irish Transverse Mercator Grid (ITM) as defined by O.S. active GPS station Tallaght College (TLLG).

Consultant

IDOM

C3

FRID
FOUGAN & O'CONORAN

Project

DART+ West

Drawing Title

STRUCTURES DESIGN - LC01: ASHTOWN UNDERPASS
GENERAL ARRANGEMENT - PLAN
SHEET 1 OF 2

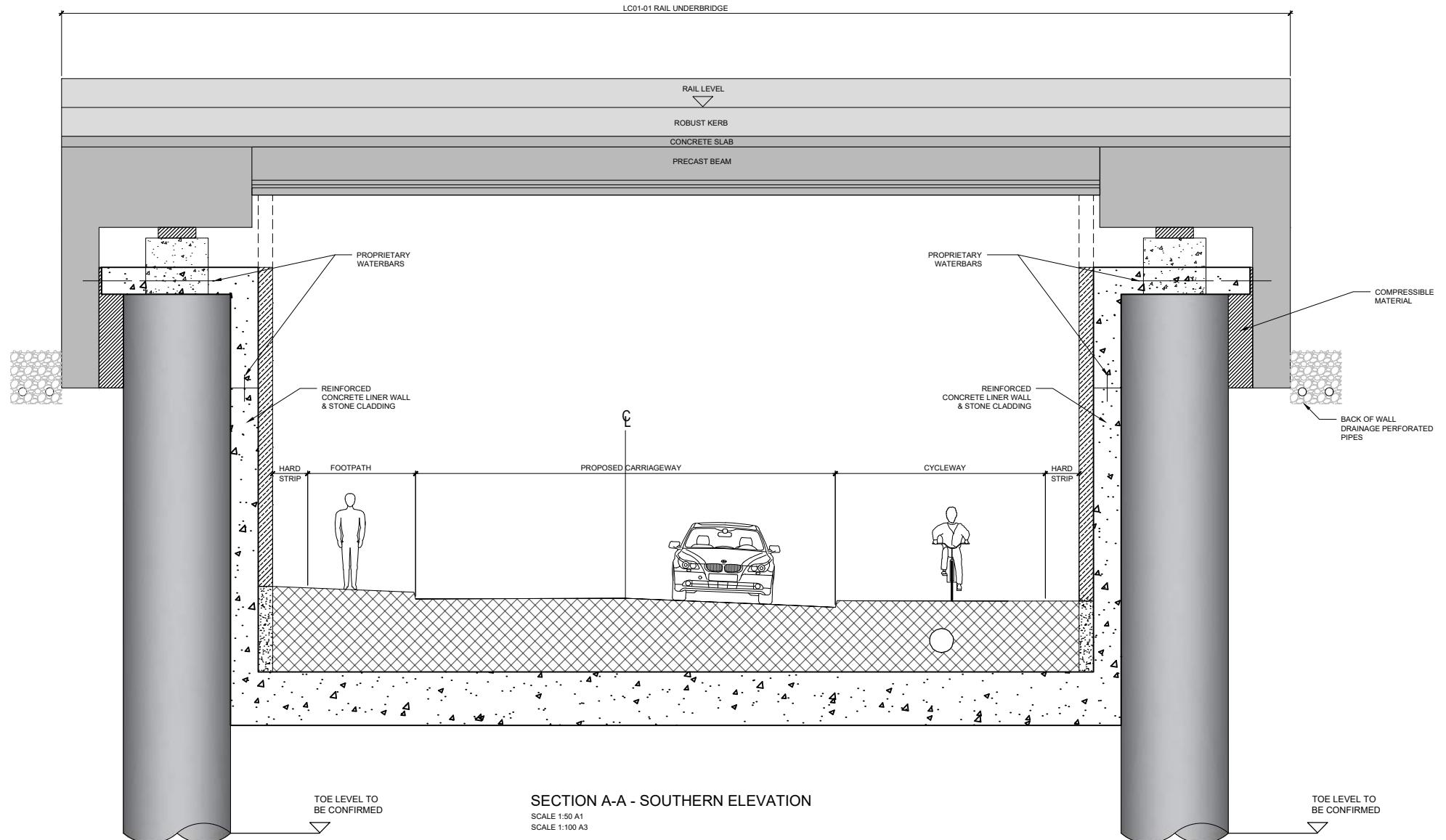
Scale:	Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
1:100 @ A1 1:200 @ A3	MAY	MDC	STR	LC01	DR C	0010	D		
0 0.5 1.25 2.5 5	Date:	April 2022	Job No:	P/101086	Status:	F1 - Approved & Accepted	Rev:	V 01	Sheet: 01 of 02

NOTES

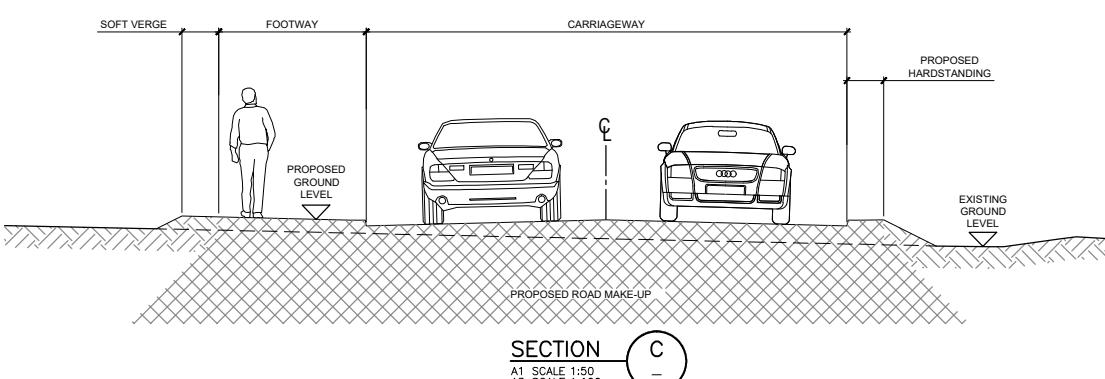
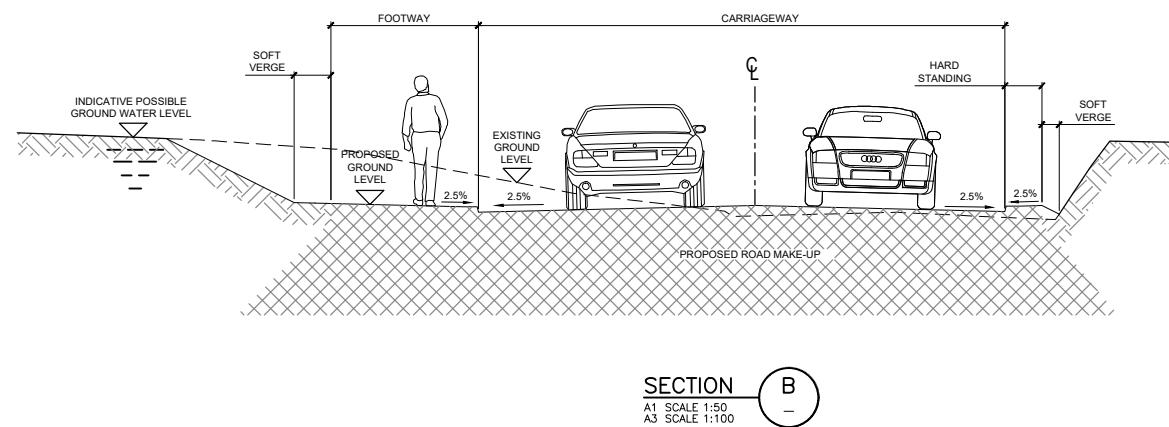
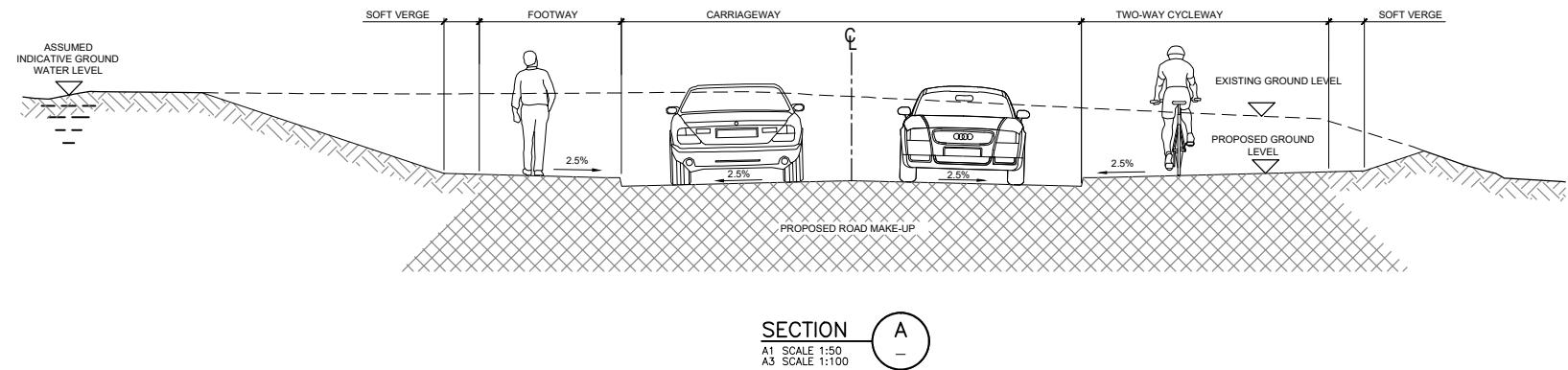
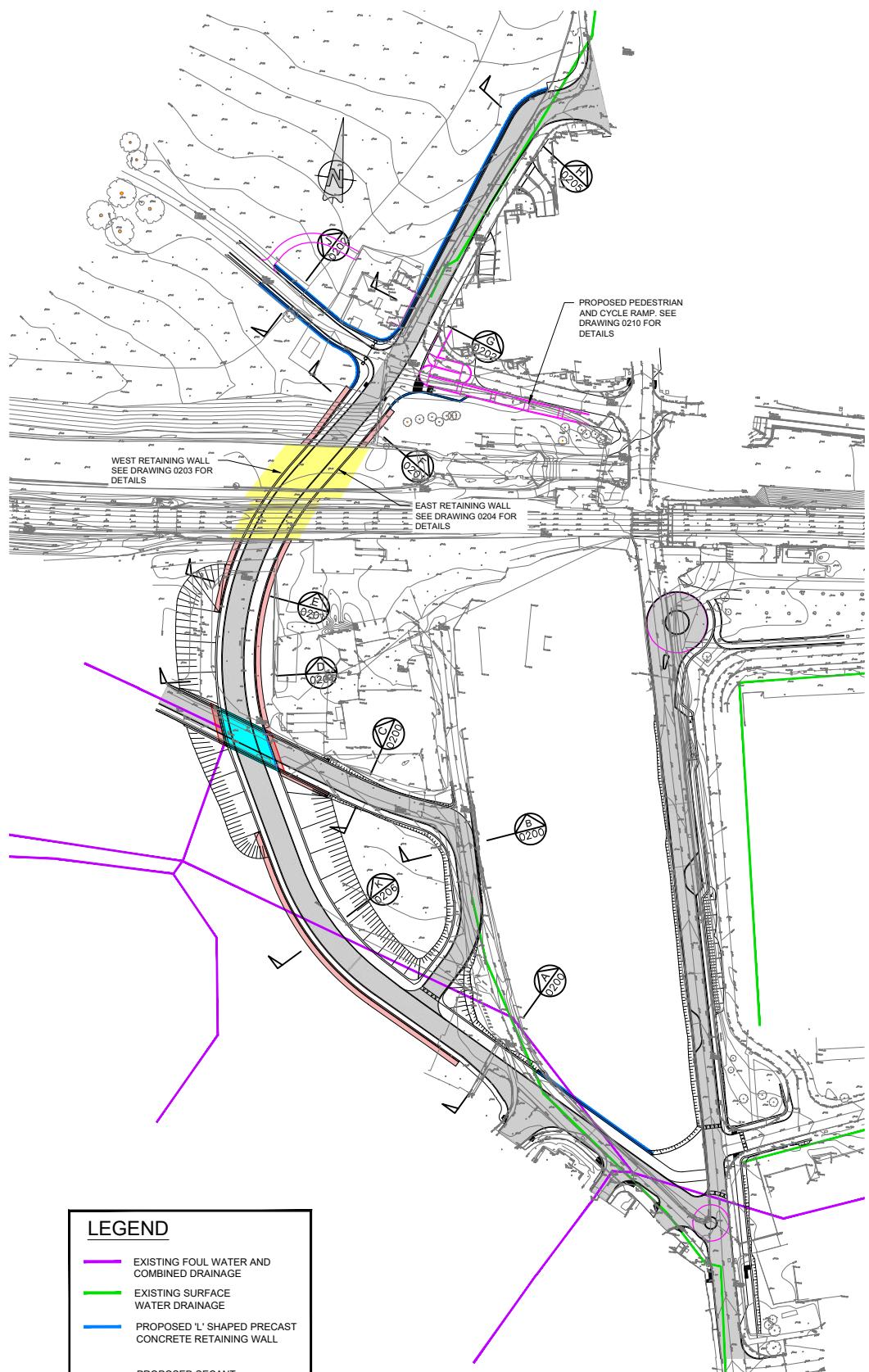
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. ALL LEVELS ARE IN METRES ABOVE NATIONAL ORDNANCE DATUM UNLESS NOTED OTHERWISE.
3. ALL GROUND STRATA INFORMATION AND GROUND WATER INFORMATION IS ASSUMED AND INDICATIVE. TO BE CONFIRMED FOLLOWING RECEIPT OF SITE SPECIFIC GROUND INVESTIGATION INFORMATION.
4. HEADROOM VARIES THROUGH UNDERPASS DUE TO VERTICAL ALIGNMENT. MINIMUM PROVISION IS 5.3m IN ACCORDANCE WITH TII DN-GEO-03036 MAY 2019, SECTION 6.
5. BELOW GROUND UTILITIES AND DUCTING NOT SHOWN AT THIS STAGE, TO BE DEVELOPED AT DETAILED DESIGN.

REFERENCE INFORMATION

1. TOPOGRAPHICAL SURVEY INFORMATION TAKEN FROM DRAWING NUMBER MAY-PCA-VTO-SW_AE-M2-VT-3002
2. EXISTING SURFACE WATER DRAINAGE TAKEN FROM MDC DRAWINGS SERIES MAY-MDC-UTL-LC001-DR-C-0021 to 0025
3. EXISTING COMBINED AND FOUL WATER DRAINAGE TAKEN FROM MDC DRAWINGS SERIES MAY-MDC-UTL-LC001-DR-C-0021 to 0025
4. FOR ROAD DRAWINGS REFER TO MDC DRAWING NUMBER SERIES MAY-MDC-HRW-LC01-DR-C-0001 to 0005



Client			Project			Drawing Title					
V01	April 2022	PLANNING ISSUE	Tionscadal Éireann 2040	NTA Údarás Náisiúnta Iompair National Transport Authority	Iarnród Éireann Irish Rail	DART+ West	STRUCTURES DESIGN - LC01: ASHTOWN UNDERPASS GENERAL ARRANGEMENT - PLAN SHEET 2 OF 2				
REV.	DATE	DESCRIPTION	OS	PC	TL	Scale: 1:50 @ A1 1:100 @ A3	Drawing Number Project Originator Discipline Location Type Role Number Phase				
PRODUCED BY REVIEWED BY APPROVED BY			Consultant				MAY MDC STR LC01 DR C 0011 D				
<small>© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail. © Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0039721 (OS Aerial Data) & Survey No. 2021051_NMAA_182 (OS Vector Data). All elevations are in metres relative to OS datum. (OSGM02) Malin Head as defined by existing Project Context. All coordinates are in Irish Transverse Mercator Grid (ITM) as defined by OS active GPS station Tallaght College (TLC).</small>			IDOM c3 FRD <small>FODORAN & O'CONNOR</small>				Date: April 2022	Job No: P/101086	Status: F1 - Approved & Accepted	Rev: V 01	Sheet: 02 of 02



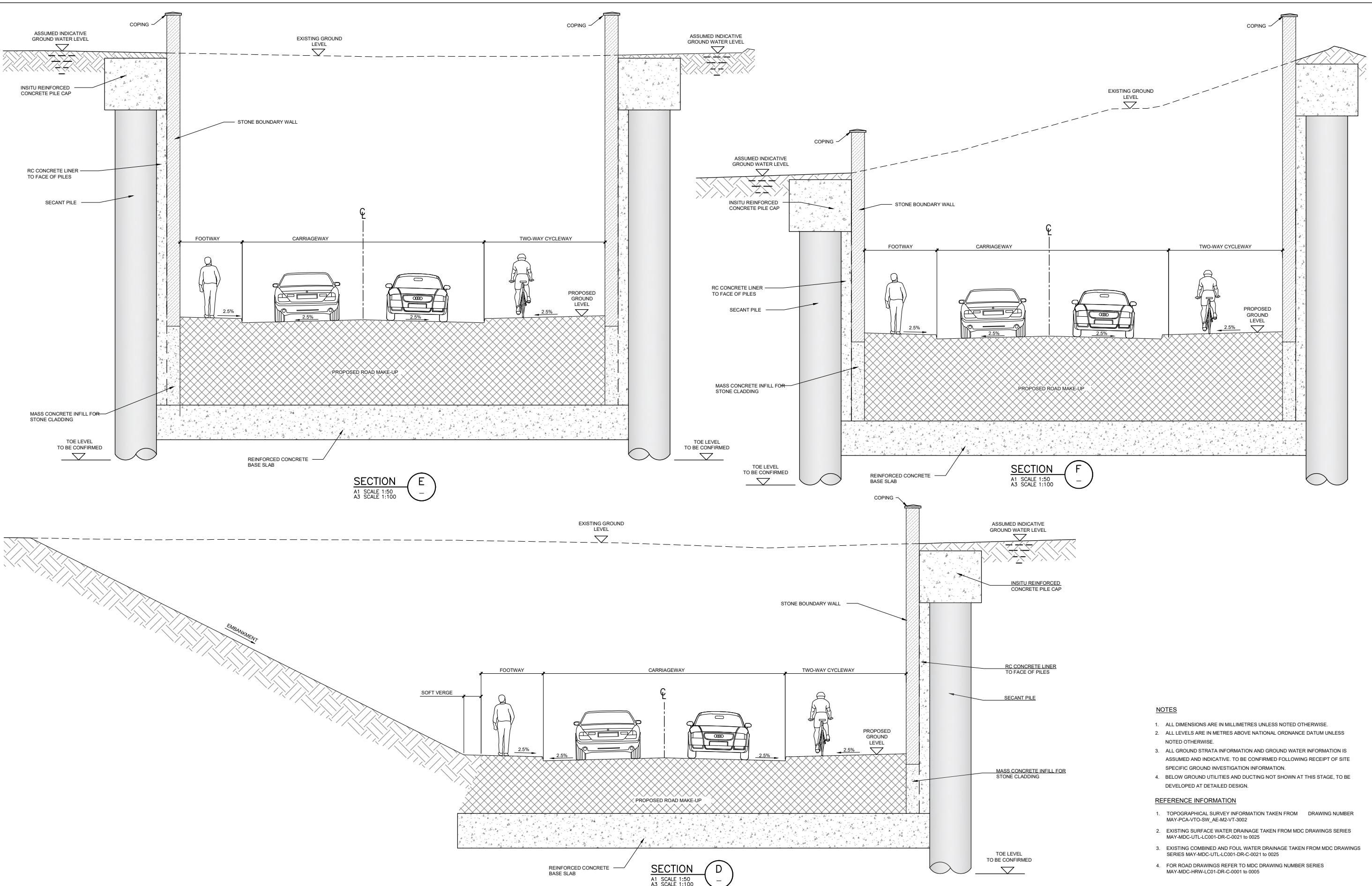
NOTES

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- ALL LEVELS ARE IN METRES ABOVE NATIONAL ORDNANCE DATUM UNLESS NOTED OTHERWISE.
- ALL GROUND STRATA INFORMATION AND GROUND WATER INFORMATION IS ASSUMED AND INDICATIVE. TO BE CONFIRMED FOLLOWING RECEIPT OF SITE SPECIFIC GROUND INVESTIGATION INFORMATION.
- BELLOW GROUND UTILITIES AND DUCTING NOT SHOWN AT THIS STAGE, TO BE DEVELOPED AT DETAILED DESIGN.

REFERENCE INFORMATION

- TOPOGRAPHICAL SURVEY INFORMATION TAKEN FROM DRAWING NUMBER MAY-PCA-VTO-SW_AE-M2-VT-3002
- EXISTING SURFACE WATER DRAINAGE TAKEN FROM MDC DRAWINGS SERIES MAY-MDC-UTL-LC001-DR-C-0021 to 0025
- EXISTING COMBINED AND FOUL WATER DRAINAGE TAKEN FROM MDC DRAWINGS SERIES MAY-MDC-UTL-LC001-DR-C-0021 to 0025
- FOR ROAD DRAWINGS REFER TO MDC DRAWING NUMBER SERIES MAY-MDC-HRW-LC01-DR-C-001 to 0005

REV.	DATE	DESCRIPTION	Client	Project	Drawing Title	
V01	April 2022	PLANNING ISSUE	Tionscadal Eireann 2040 	NTA Údarás Náisiúnta Iompair National Transport Authority 	Iarnród Éireann Irish Rail 	STRUCTURES DESIGN - LC01: ASHTOWN UNDERPASS - RETAINING WALLS GENERAL ARRANGEMENT - SECTIONS SHEET 1 OF 7
AG PC MK PRODUCED BY REVIEWED BY APPROVED BY						
<small>© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail. © Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0039721 (SI) Aerial Data or OSM Licence 1 & Survey No. 2021051_NMA_189 (OSM Version Date: All elevations are in metres relative to OSGM02 (OSGM02) Malin Head as defined by existing Project Context. All coordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSGM02 GPS station Tallaght College (TLC).</small>						
Consultant IDOM			Project DART+ West			
Scale: 1:50 @ A1 1:100 @ A3			Drawing Number Project Originator Discipline Location Type Role Number Phase MAY MDC STR LC01 DR C 0200 D			
			Date: April 2022 Job No: P/101086 Status: F1 - Approved & Accepted Rev: V 01 Sheet: 01 of 07			



Client		
V01 April 2022 PLANNING ISSUE	AG	PC
REV. DATE DESCRIPTION	PRODUCED BY	REVIEWED BY APPROVED BY

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland"
Survey No. 0309721 (OSI Aerial Data or OSM Land Data) & Survey No. 2021051_NMA_189 (OSI Water Data).
All elevations are in metres relative to OSGB 1936 (OSGM02) Maitland Height as defined by existing Project Context.
All coordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Consultant
IDOM



Project



Drawing Title
STRUCTURES DESIGN - LC01: ASHTOWN UNDERPASS - RETAINING WALLS
GENERAL ARRANGEMENT - SECTIONS
SHEET 2 OF 7

Scale:	Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
1:50 @ A1 1:100 @ A3	MAY	MDC	STR	LC01	DR	C	0201	D	
0 0.625 1.25 2.5	Date:	April 2022	Job No:	P/101086	Status:	F1 - Approved & Accepted	Rev:	V 01	Sheet: 02 of 07

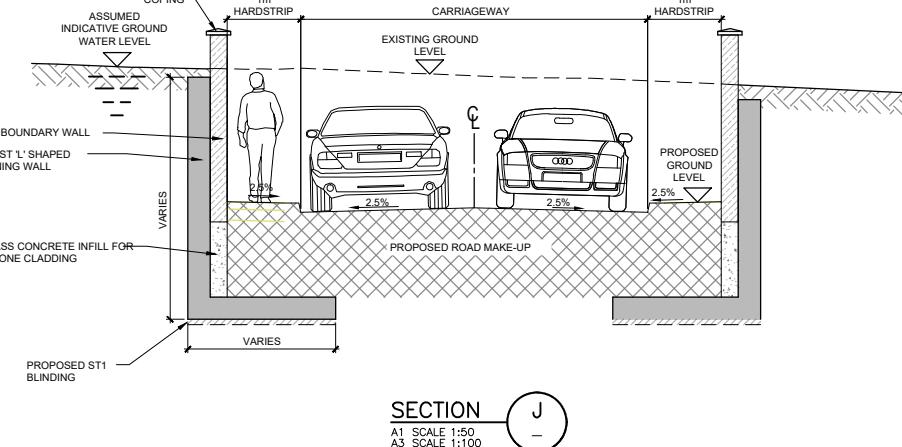
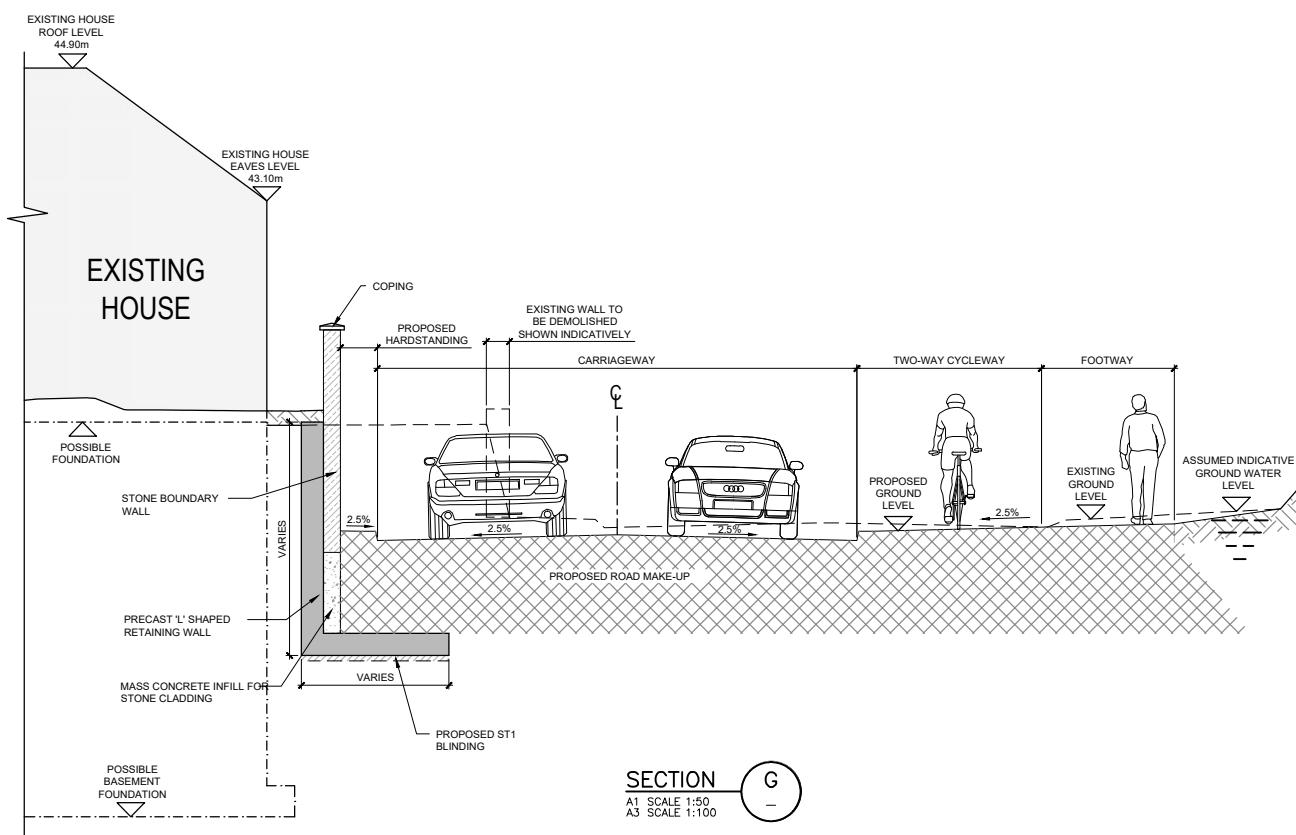
NOTES

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- ALL LEVELS ARE IN METRES ABOVE NATIONAL ORDNANCE DATUM UNLESS NOTED OTHERWISE.
- ALL GROUND STRATA INFORMATION AND GROUND WATER INFORMATION IS ASSUMED AND INDICATIVE. TO BE CONFIRMED FOLLOWING RECEIPT OF SITE SPECIFIC GROUND INVESTIGATION INFORMATION.
- BELOW GROUND UTILITIES AND DUCTING NOT SHOWN AT THIS STAGE, TO BE DEVELOPED AT DETAILED DESIGN.

REFERENCE INFORMATION

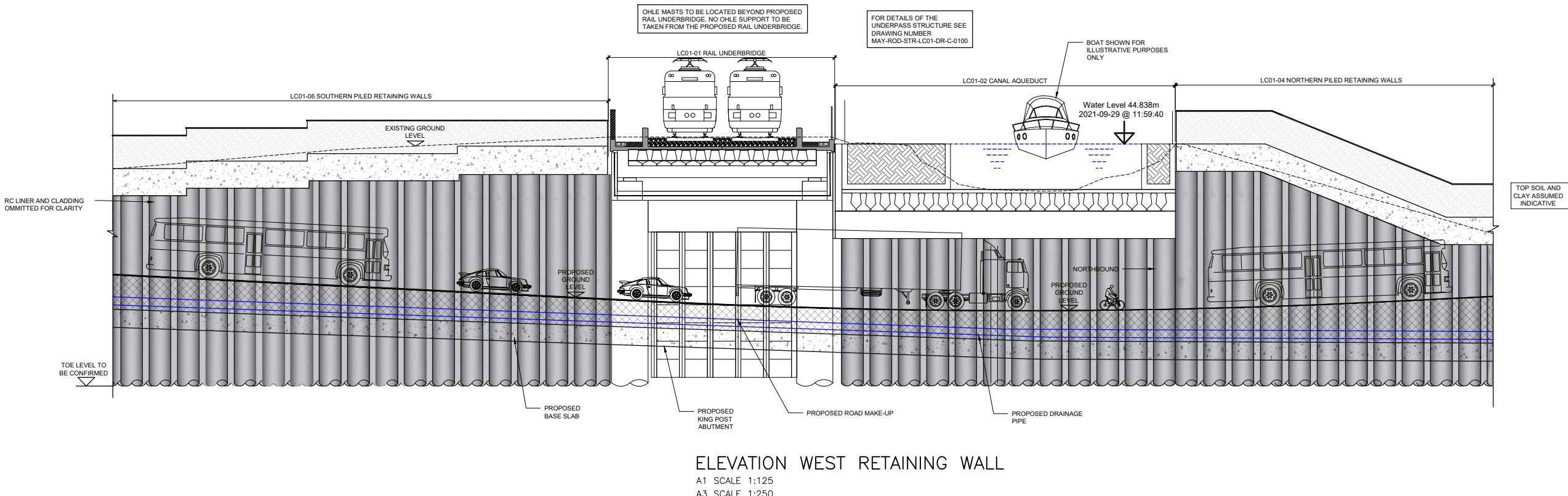
- TOPOGRAPHICAL SURVEY INFORMATION TAKEN FROM DRAWING NUMBER MAY-PCA-VTO-SW-AE-M2-VT-3002
- EXISTING SURFACE WATER DRAINAGE TAKEN FROM MDC DRAWINGS SERIES MAY-MDC-UTL-LC001-DR-C-0021 to 0025
- EXISTING COMBINED AND FOUL WATER DRAINAGE TAKEN FROM MDC DRAWINGS SERIES MAY-MDC-UTL-LC001-DR-C-0021 to 0025
- FOR ROAD DRAWINGS REFER TO MDC DRAWING NUMBER SERIES MAY-MDC-HRW-LC01-DR-C-0001 to 0005

- NOTES**
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
 - ALL LEVELS ARE IN METRES ABOVE NATIONAL ORDNANCE DATUM UNLESS NOTED OTHERWISE.
 - ALL GROUND STRATA INFORMATION AND GROUND WATER INFORMATION IS ASSUMED AND INDICATIVE. TO BE CONFIRMED FOLLOWING RECEIPT OF SITE SPECIFIC GROUND INVESTIGATION INFORMATION.
 - BELOW GROUND UTILITIES AND DUCTING NOT SHOWN AT THIS STAGE. TO BE DEVELOPED AT DETAILED DESIGN.
- REFERENCE INFORMATION**
- TOPOGRAPHICAL SURVEY INFORMATION TAKEN FROM DRAWING NUMBER MAY-PCA-VTO-SW_AE-M2-VT-3002
 - EXISTING SURFACE WATER DRAINAGE TAKEN FROM MDC DRAWINGS SERIES MAY-MDC-UTL-LC001-DR-C-0021 to 0025
 - EXISTING COMBINED AND FOUL WATER DRAINAGE TAKEN FROM MDC DRAWINGS SERIES MAY-MDC-UTL-LC001-DR-C-0021 to 0025
 - FOR ROAD DRAWINGS REFER TO MDC DRAWING NUMBER SERIES MAY-MDC-HRW-LC01-DR-C-0001 to 0005



REV.	DATE	DESCRIPTION	Client	Project	Drawing Title
V01	April 2022	PLANNING ISSUE	Tionscadal Éireann Project Ireland 2040 	IDOM 	STRUCTURES DESIGN - LC01: ASHTOWN UNDERPASS - RETAINING WALLS GENERAL ARRANGEMENT - SECTIONS SHEET 3 OF 7
			AG PC MK	C3 ROD FOUDRAN & O'CONORAN	
		PRODUCED BY	REVIEWED BY	APPROVED BY	
© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail. © Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0039721 (OS Aerial Data) & Survey No. 2021051_NMAA_189 (OS Vector Data). All elevations are in metres relative to OS National Grid (OSGM02) Malin Head as defined by existing Project Context. All coordinates are in Irish Transverse Mercator Grid (ITM) as defined by OS active GPS station Tallaght College (TLC).			Drawing Number Project Originator Discipline Location Type Role Number Phase MAY MDC STR LC01 DR C 0202 D Scale: 1:50 @ A1 1:100 @ A3 0 0.625 1.25 2.5 Date: April 2022 Job No: P/101086 Status: F1 - Approved & Accepted Rev: V 01 Sheet: 03 of 07		

- NOTES**
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
 - ALL LEVELS ARE IN METRES ABOVE NATIONAL ORDNANCE DATUM UNLESS NOTED OTHERWISE.
 - ALL GROUND STRATA INFORMATION AND GROUND WATER INFORMATION IS ASSUMED AND INDICATIVE. TO BE CONFIRMED FOLLOWING RECEIPT OF SITE SPECIFIC GROUND INVESTIGATION INFORMATION.
 - BELOW GROUND UTILITIES AND DUCTING NOT SHOWN AT THIS STAGE. TO BE DEVELOPED AT DETAILED DESIGN.
- REFERENCE INFORMATION**
- TOPOGRAPHICAL SURVEY INFORMATION TAKEN FROM DRAWING NUMBER MAY-PCA-VTO-SW_AE-M2-VT-3002
 - EXISTING SURFACE WATER DRAINAGE TAKEN FROM MDC DRAWINGS SERIES MAY-MDC-UTL-LC001-DR-C-0021 to 0025
 - EXISTING COMBINED AND FOUL WATER DRAINAGE TAKEN FROM MDC DRAWINGS SERIES MAY-MDC-UTL-LC001-DR-C-0021 to 0025
 - FOR ROAD DRAWINGS REFER TO MDC DRAWING NUMBER SERIES MAY-MDC-HRW-LC01-DR-C-0001 to 0005

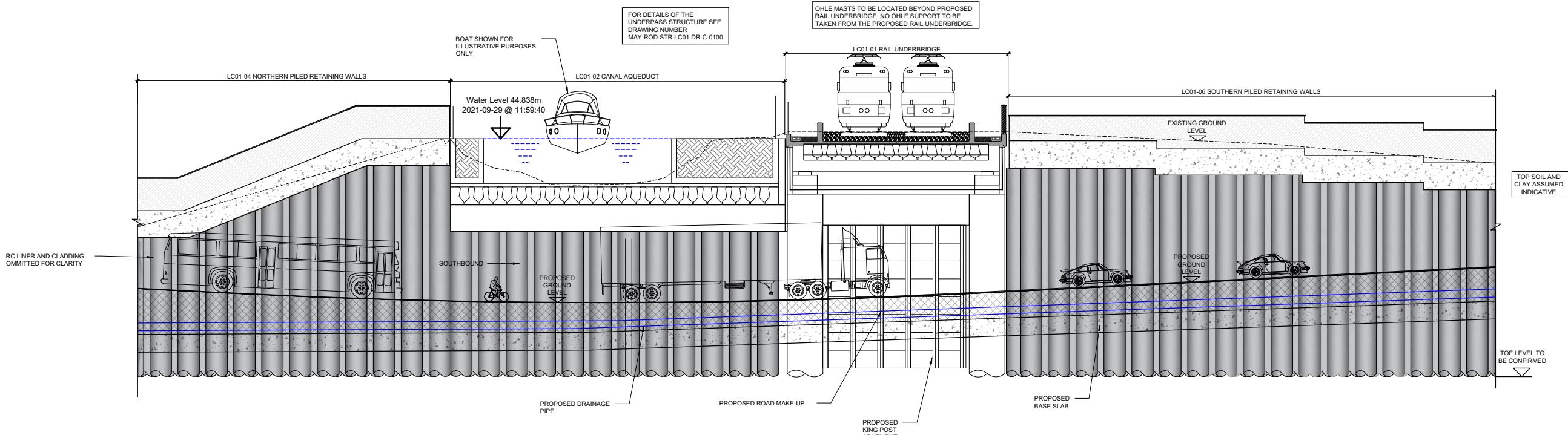


Client			Project			Drawing Title		
V01 April 2022 PLANNING ISSUE	AG	PC	lárnród Éireann Irish Rail	DART+ West	STRUCTURES DESIGN - LC01: ASHTOWN UNDERPASS - RETAINING WALLS WEST ELEVATION SHEET 4 OF 7			
REV. DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY		Scale:	Drawing Number	Project Originator Discipline Location Type Role Number Phase
						1:50 @ A1 1:100 @ A3	MAY MDC STR LC01 DR C 0203 D	
							Date: April 2022	Job No: P/101086
							Status: F1 - Approved & Accepted	Rev: V 01
								Sheet: 04 of 07

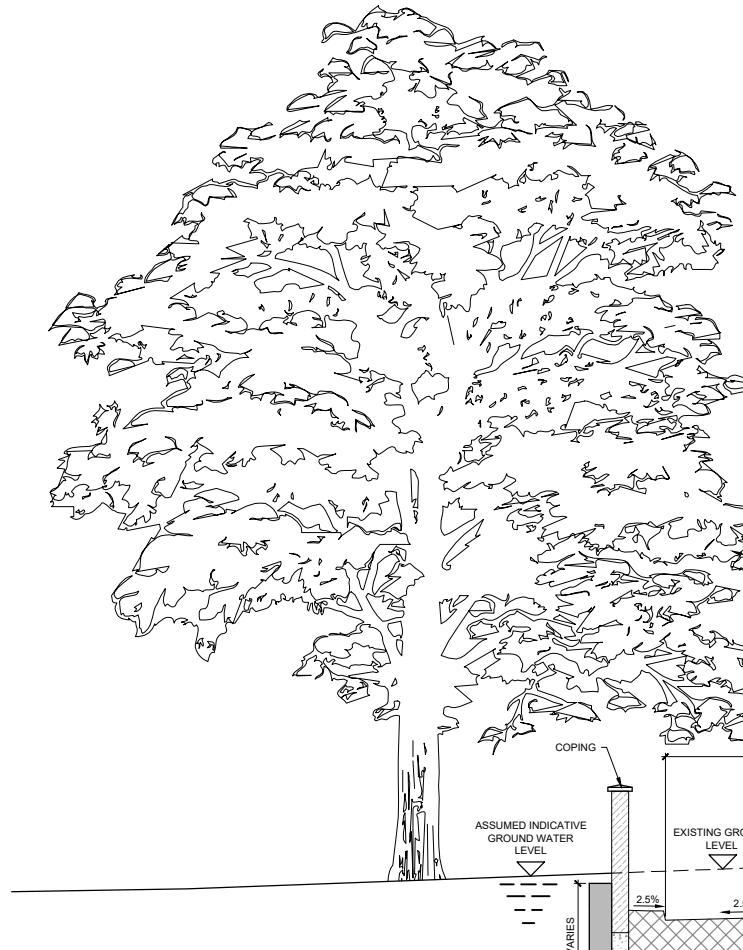
© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
 © Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland"
 Survey No. 0039721 (OS Aerial Data or OS LiDAR Data) & Survey No. 2021051_NMA_189 (OS Vector Data).
 All elevations are in metres relative to OS National Grid (OSGM02) Malin Head as defined by existing Project Context.
 All coordinates are in Irish Transverse Mercator Grid (ITM) as defined by OS active GPS station Tallaght College (TLC).

Consultant IDOM C3 ROD FOUDRAN & O'CONORAN

- NOTES**
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
 - ALL LEVELS ARE IN METRES ABOVE NATIONAL ORDNANCE DATUM UNLESS NOTED OTHERWISE.
 - ALL GROUND STRATA INFORMATION AND GROUND WATER INFORMATION IS ASSUMED AND INDICATIVE. TO BE CONFIRMED FOLLOWING RECEIPT OF SITE SPECIFIC GROUND INVESTIGATION INFORMATION.
 - BELOW GROUND UTILITIES AND DUCTING NOT SHOWN AT THIS STAGE. TO BE DEVELOPED AT DETAILED DESIGN.
- REFERENCE INFORMATION**
- TOPOGRAPHICAL SURVEY INFORMATION TAKEN FROM DRAWING NUMBER MAY-PCA-VTO-SW_AE-M2-VT-3002
 - EXISTING SURFACE WATER DRAINAGE TAKEN FROM MDC DRAWINGS SERIES MAY-MDC-UTL-LC001-DR-C-0021 to 0025
 - EXISTING COMBINED AND FOUL WATER DRAINAGE TAKEN FROM MDC DRAWINGS SERIES MAY-MDC-UTL-LC001-DR-C-0021 to 0025
 - FOR ROAD DRAWINGS REFER TO MDC DRAWING NUMBER SERIES MAY-MDC-HRW-LC01-DR-C-0001 to 0005



Client			Project			Drawing Title		
V01	April 2022	PLANNING ISSUE	Tionscadal Eireann 2040	NTA Údarás Náisiúnta Tampair National Transport Authority	Iarnród Éireann Irish Rail	DART+ West	STRUCTURES DESIGN - LC01: ASHTOWN UNDERPASS - RETAINING WALLS EAST ELEVATION SHEET 5 OF 7	
REV.	DATE	DESCRIPTION	AG	PC	MK		Scale:	Drawing Number Project Originator Discipline Location Type Role Number Phase
		PRODUCED BY REVIEWED BY APPROVED BY					1:50 @ A1 1:100 @ A3	MAY MDC STR LC01 DR C 0204 D
© Irish Rail (2022). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail. © Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0039721 (OS Aerial Data or OS LiDAR Data) & Survey No. 2021051_NMA_189 (OS View Data) All elevations are in metres relative to OS National Grid (OSGM02) Malin Head as defined by Existing Project Context. All coordinates are in Irish Transverse Mercator Grid (ITM) as defined by OS active GPS station Tallaght College (TLC).			Consultant	IDOM	C3	ROD FOUDRAN & O' DONOVAN	Date:	Job No.: P/101086 Status: F1 - Approved & Accepted Rev: V 01 Sheet: 05 of 07



SECTION H -

A1 SCALE 1:50
A3 SCALE 1:100

EXISTING
BUILDING

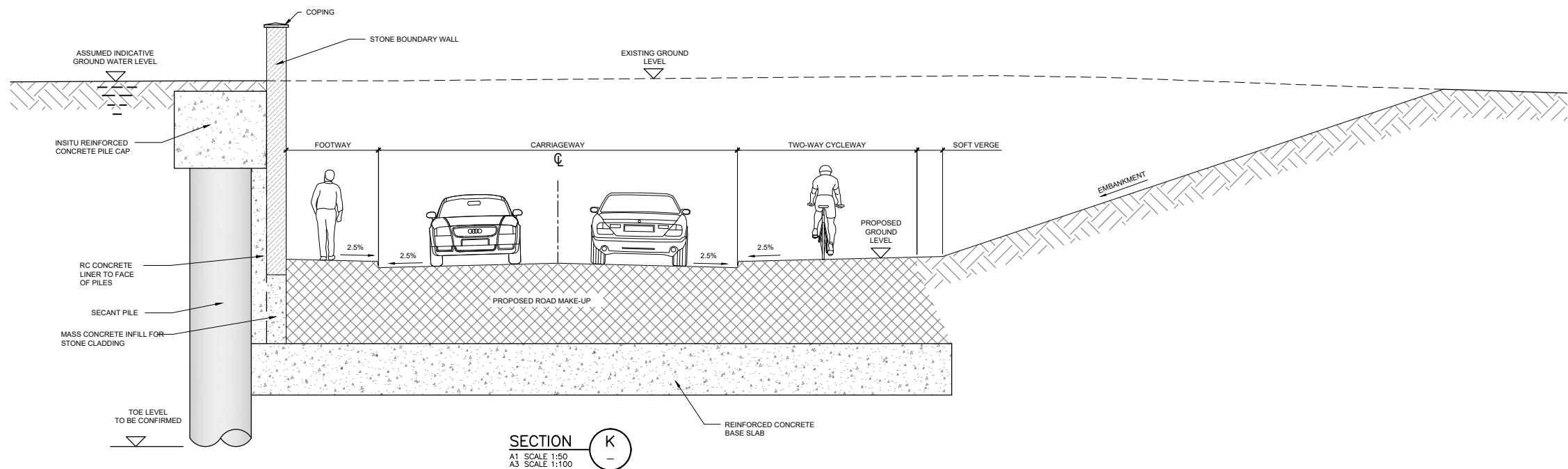
- NOTES**
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
 2. ALL LEVELS ARE IN METRES ABOVE NATIONAL ORDNANCE DATUM UNLESS NOTED OTHERWISE.
 3. ALL GROUND STRATA INFORMATION AND GROUND WATER INFORMATION IS ASSUMED AND INDICATIVE. TO BE CONFIRMED FOLLOWING RECEIPT OF SITE SPECIFIC GROUND INVESTIGATION INFORMATION.
 4. BELOW GROUND UTILITIES AND DUCTING NOT SHOWN AT THIS STAGE. TO BE DEVELOPED AT DETAILED DESIGN.

REFERENCE INFORMATION

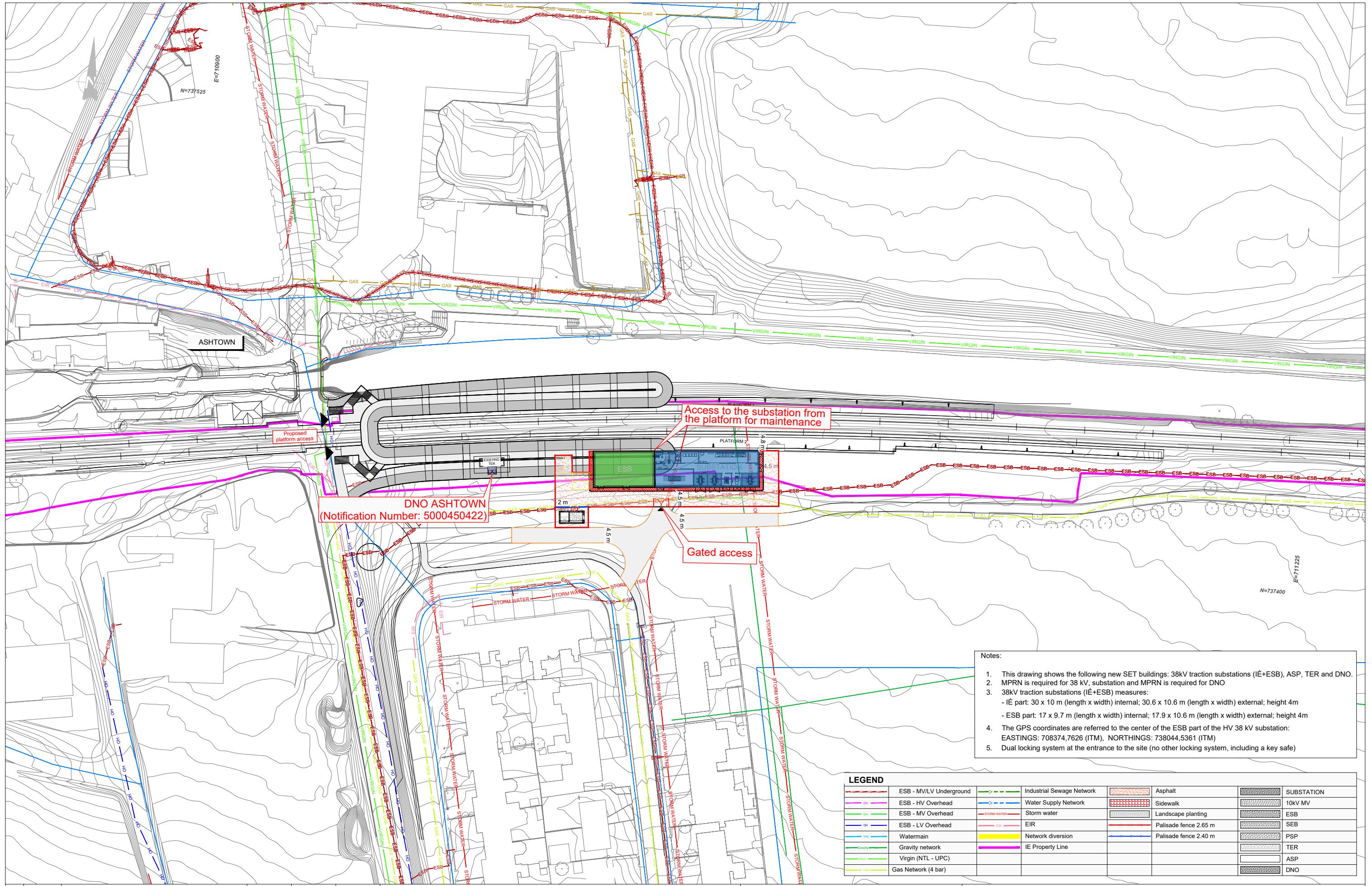
1. TOPOGRAPHICAL SURVEY INFORMATION TAKEN FROM DRAWING NUMBER MAY-PCA-VTO-SW_AE-M2-VT-3002
2. EXISTING SURFACE WATER DRAINAGE TAKEN FROM MDC DRAWINGS SERIES MAY-MDC-UTL-LC001-DR-C-0021 to 0025
3. EXISTING COMBINED AND FOUL WATER DRAINAGE TAKEN FROM MDC DRAWINGS SERIES MAY-MDC-UTL-LC001-DR-C-0021 to 0025
4. FOR ROAD DRAWINGS REFER TO MDC DRAWING NUMBER SERIES MAY-MDC-HRW-LC01-DR-C-0001 to 0005

Client			Project			Drawing Title		
V01 April 2022	PLANNING ISSUE		Tionscadal Eireann 2040	NTA Údarás Náisiúnta Iompair National Transport Authority	Iarnród Éireann Irish Rail	DART+ West	STRUCTURES DESIGN - LC01: ASHTOWN UNDERPASS - RETAINING WALLS GENERAL ARRANGEMENT - SECTIONS SHEET 6 OF 7	
REV. DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY			Scale:	Drawing Number Project Originator Discipline Location Type Role Number Phase
		AG	PC	MK			1:50 @ A1 1:100 @ A3	MAY MDC STR LC01 DR C 0205 D
© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail. © Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0039721 (OS Aerial Data) & Survey No. 2021051_NMA_189 (OS Vector Data). All elevations are in metres relative to OS datum. (OSGM02) Malin Head as defined by existing Project Context. All coordinates are in Irish Transverse Mercator Grid (ITM) as defined by OS active GPS station Tallaght College (TLC).			Consultant	IDOM	C3	JROD FOUDRAN & O'CONORAN	Date: April 2022 Job No: P/101086 Status: F1 - Approved & Accepted Rev: V 01 Sheet: 06 of 07	

- NOTES**
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
 2. ALL LEVELS ARE IN METRES ABOVE NATIONAL ORDNANCE DATUM UNLESS NOTED OTHERWISE.
 3. ALL GROUND STRATA INFORMATION AND GROUND WATER INFORMATION IS ASSUMED AND INDICATIVE. TO BE CONFIRMED FOLLOWING RECEIPT OF SITE SPECIFIC GROUND INVESTIGATION INFORMATION.
 4. BELOW GROUND UTILITIES AND DUCTING NOT SHOWN AT THIS STAGE. TO BE DEVELOPED AT DETAILED DESIGN.
- REFERENCE INFORMATION**
1. TOPOGRAPHICAL SURVEY INFORMATION TAKEN FROM DRAWING NUMBER MAY-PCA-VTO-SW_AE-M2-VT-3002
 2. EXISTING SURFACE WATER DRAINAGE TAKEN FROM MDC DRAWINGS SERIES MAY-MDC-UTL-LC001-DR-C-0021 to 0025
 3. EXISTING COMBINED AND FOUL WATER DRAINAGE TAKEN FROM MDC DRAWINGS SERIES MAY-MDC-UTL-LC001-DR-C-0021 to 0025
 4. FOR ROAD DRAWINGS REFER TO MDC DRAWING NUMBER SERIES MAY-MDC-HRW-LC001-DR-C-0001 to 0005



Client			Project			Drawing Title		
			Tionscadal Eireann 2040	NTA Údarás Náisiúnta Iompair National Transport Authority	Iarnród Éireann Irish Rail	DART+ West	STRUCTURES DESIGN - LC01: ASHTOWN UNDERPASS - RETAINING WALLS GENERAL ARRANGEMENT - SECTIONS SHEET 7 OF 7	
V01	April 2022	PLANNING ISSUE	AG	PC	MK			
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY			
Consultant			IDOM	C3	ROD FOUDRAN & O'CONORAN	Scale: 1:50 @ A1 1:100 @ A3	Drawing Number Project Originator Discipline Location Type Role Number Phase	
<small>© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail. © Ordnance Survey Ireland and Government of Ireland. All OS data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0039721 (OSI Aerial Data) & Survey No. 2021051_NMA_182 (OSI Vector Data) All elevations are in metres relative to OS National Grid (OSGM02) Maitland Head as defined by existing Project Context. All coordinates are in Irish Transverse Mercator Grid (ITM) as defined by OS active GPS station Tallaght College (TLC).</small>							MAY MDC STR LC01 DR C 0206 D	Date: April 2022 Job No: P/101086 Status: F1 - Approved & Accepted Rev: V 01 Sheet: 07 of 07



V01 April 2022 PLANNING ISSUE
REV. DATE DESCRIPTION
PRODUCED BY REVIEWED BY APPROVED BY

Client
Tionscadal Fíreann Project Ireland 2040
NTA
Iarnród Éireann Irish Rail

Consultant
IDOM

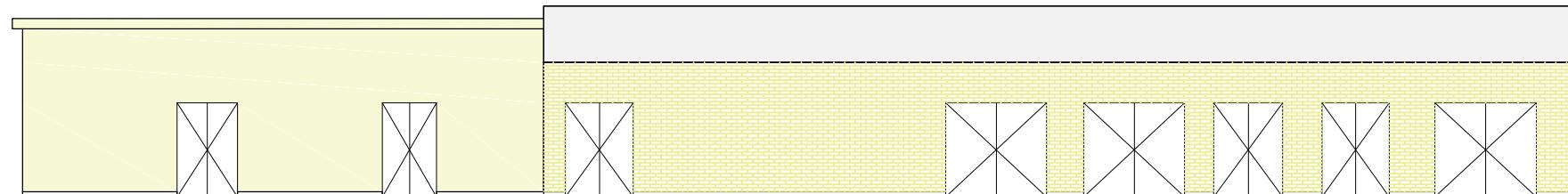
C3
FIROD
FOURMAN & O'DONOVAN

Project

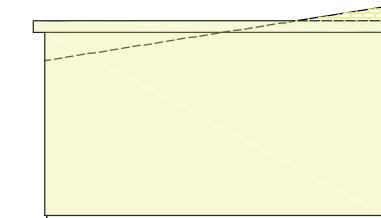
DART+
West

Drawing Title
SET TECHNICAL BUILDINGS
ASHTOWN

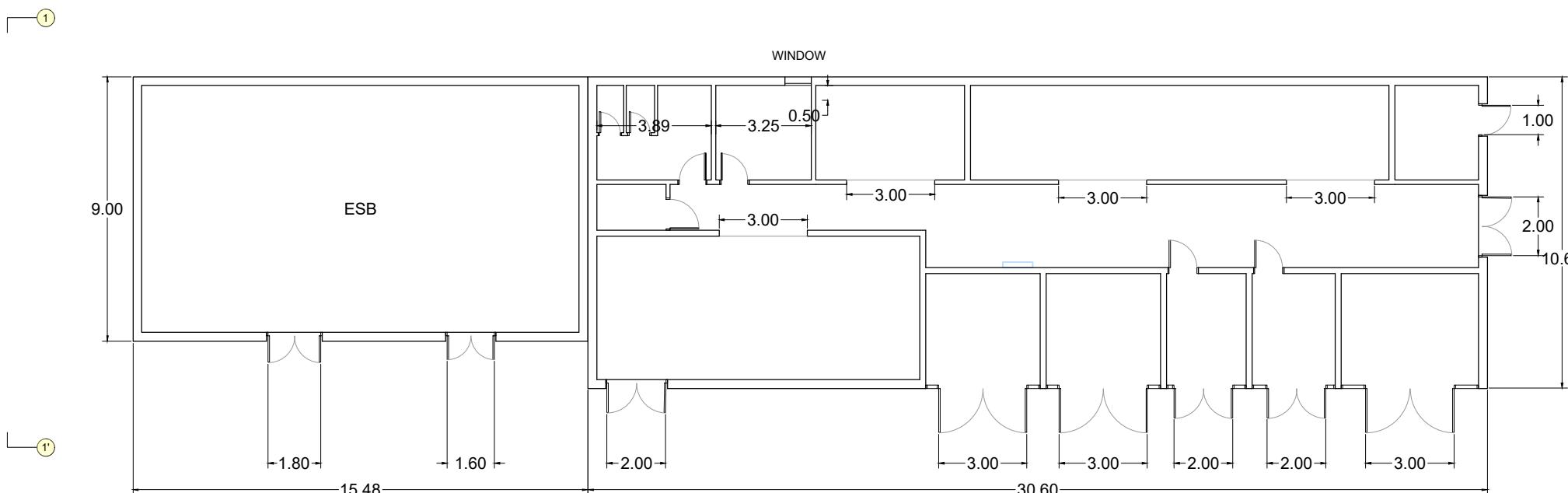
Scale: 1:500 @ A1
Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC SET ROUT DR Z 0003 D
Date: April 2022 Job No: P/101086 Status: F1-Approved & accepted Rev: V01 Sheet: 01 of 01



FRONT VIEW



VIEW 1-1'

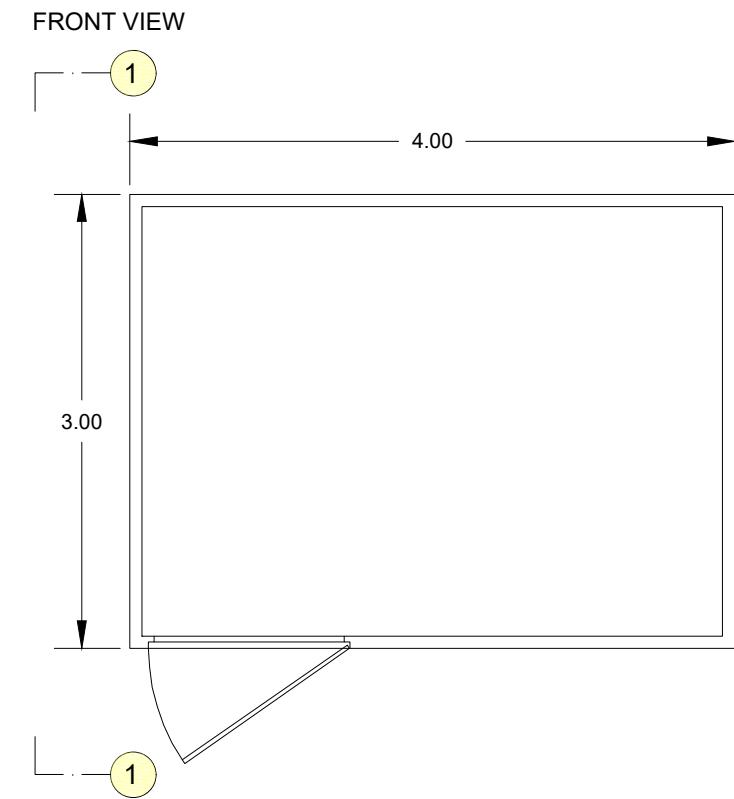
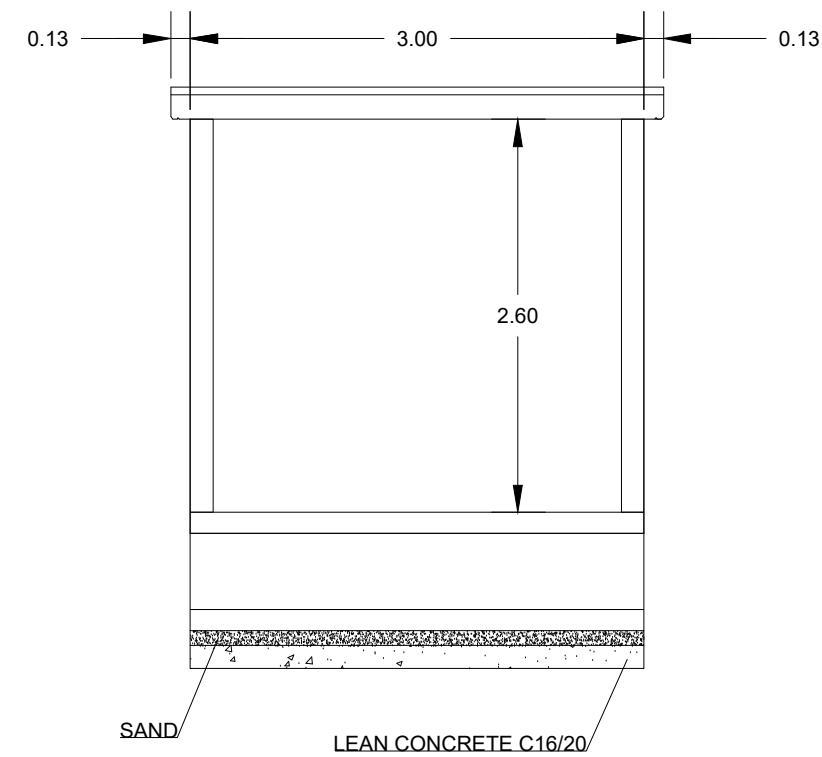
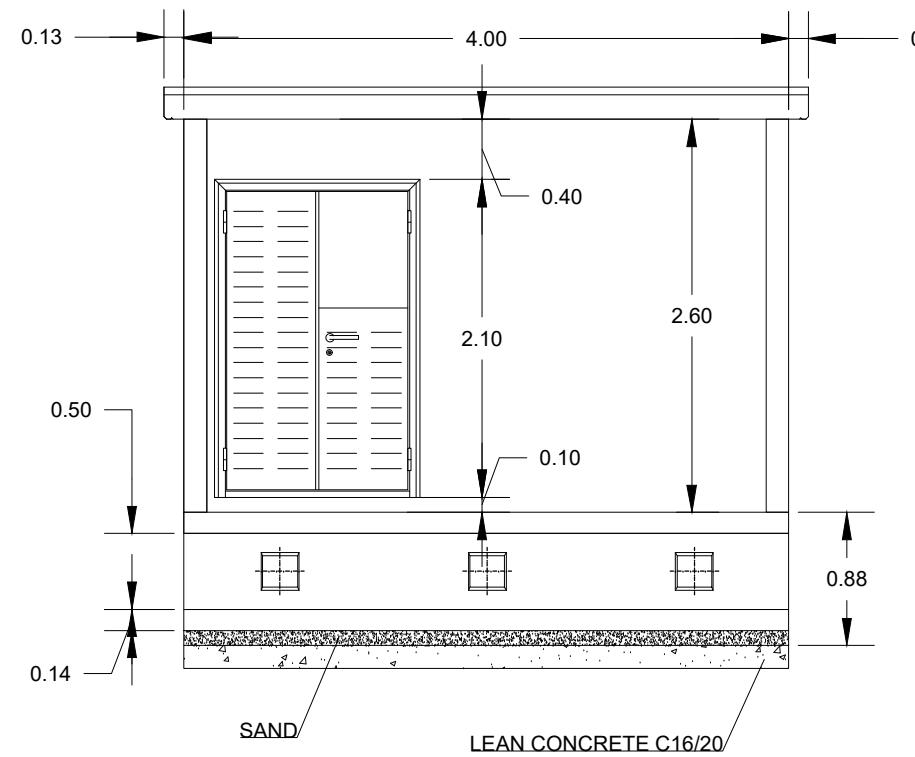


PLAN VIEW

					Client	Project	Drawing Title	
V01	April 2022	PLANNING ISSUE	MCG	MPT	CCS	Reviewed By	Approved By	SET TECHNICAL BUILDINGS ASHTOWN BUILDINGS DETAIL
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY			Scale: 1/200 @ A3
								Drawing Number Project Originator Discipline Location Type Role Number Phase MAY MDC SET RS07 DR Z 0010 D 0 1.25 2.5 5 Date: April 2022 Job No: P/101086 Status: F1-Approved & accepted Rev: V01 Sheet: 01 of 02

© Irish Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
 © Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland"
 Survey No. 0039720 (OSI Aerial Data or OSILidar Data) & Survey No. 2020/OSI_NMA_180 (OS Vector Data).
 All elevations are in metres and relate to OSi Geod Model (DSGM02) Main Head as defined by existing Project Control.
 All Coordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Client Logos: Tioncal Óileann Project Ireland 2040, NTA (National Transport Authority), Iarnród Éireann Irish Rail
 Consultant Logos: IDOM, C3, FIROD (FIRODAHL & FIRODIGEN)



TER BUILDING

					Client	Project	Drawing Title
V01	April 2022	PLANNING ISSUE	MCG	MPT	CCS	2040	SET TECHNICAL BUILDINGS ASHTOWN BUILDINGS DETAIL
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY	NTA National Transport Authority	DART+ West
0039720	(OSI Aerial Data or OSiLidar Data) & Survey No. 2020/OSI_NMA_180 (OS Vector Data).	All elevations are in metres and relate to OSi Geod Model (DSGM02) Main Head as defined by existing Project Control.	All Coordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).	Consultant	IDOM	C3	FIROD