
 STATION ACCESS
 CIE PROPERTY BOUNDARY

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

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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

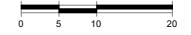



Consultant

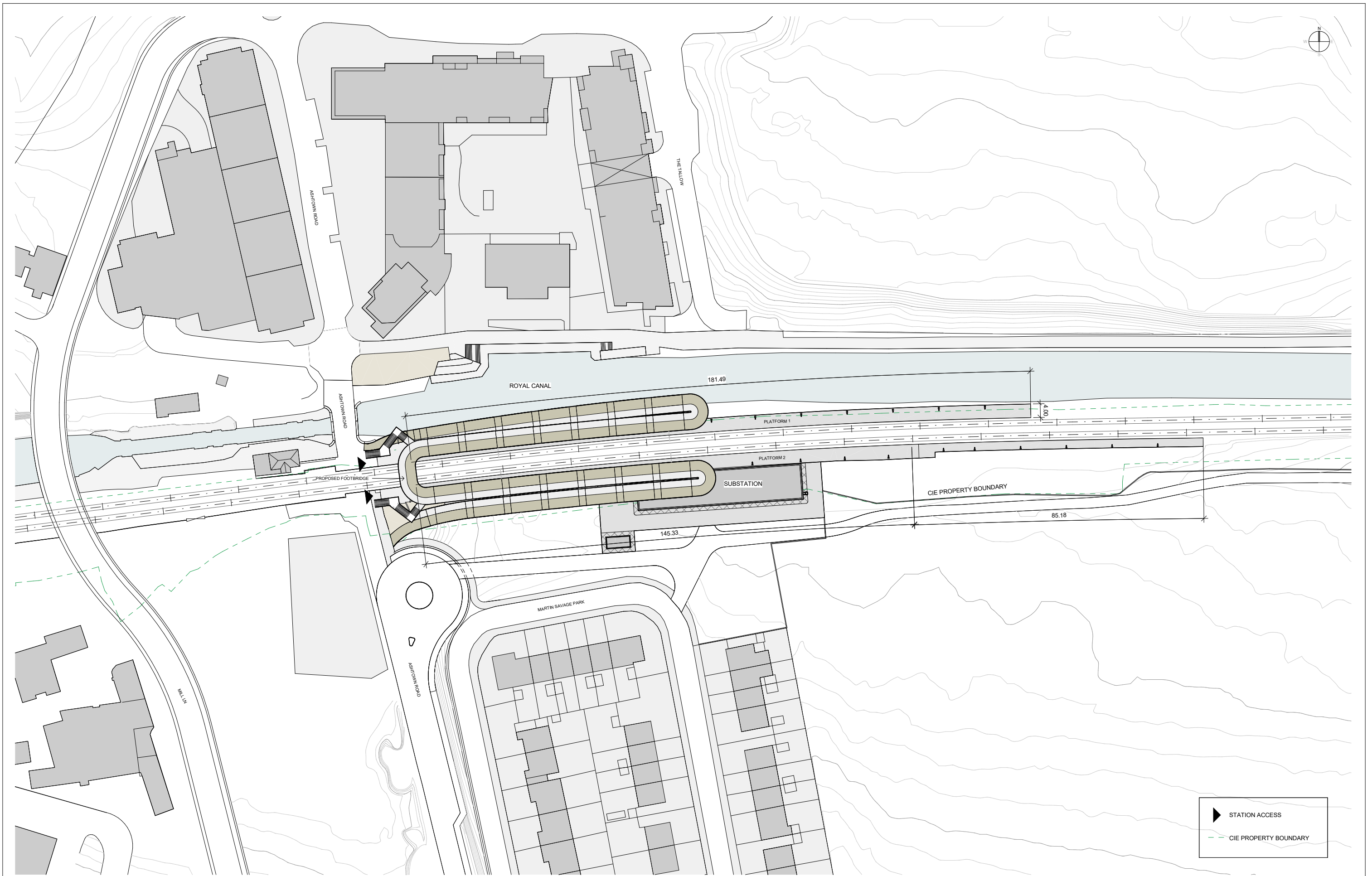



Project


Drawing Title
 STATION DESIGN
 ASHTOWN STATION
 STATION LOCATION. EXISTING

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


Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
MAY	MDC	ARC	RS07	DR	A	0001	D	
Date:	Job No:	Status:	Rev:					
April 2022	P/101086	F1 - Approved & accepted	V01	Sheet: 1 of 2				



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Client

Tionscald Éireann
Project Ireland
2040

NTA
National Transport Authority

Iarnród Éireann
Irish Rail

Consultant

IDOM

C3

JROD
E. O'Riordan & D'Donnovan

Project

DART+
West

Drawing Title

STATION DESIGN
ASHTOWN STATION
STATION LOCATION, PROPOSED

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

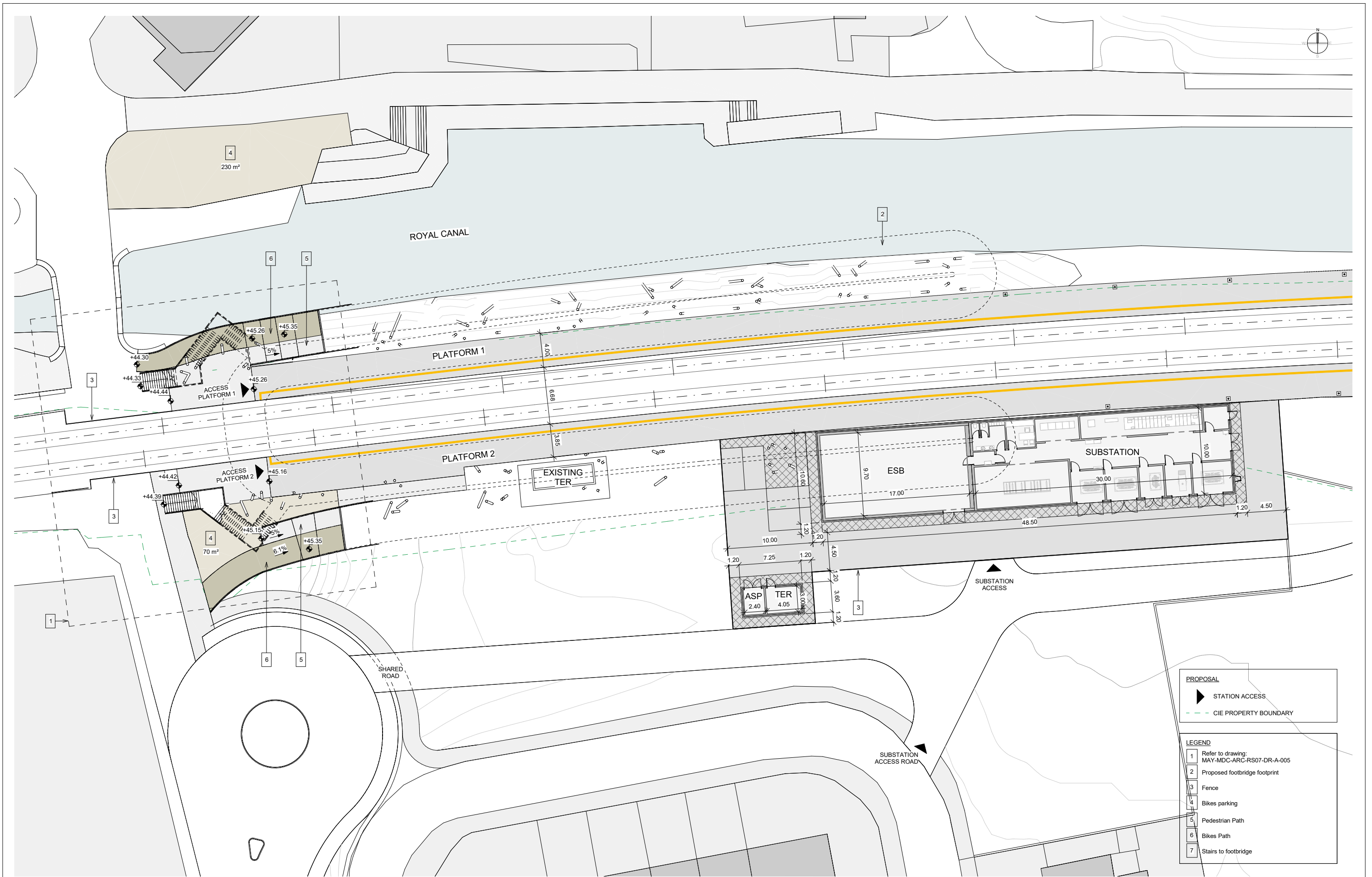
MAY | MDC | ARC | RS07 | DR | A | 0001 | D

Date: April 2022 | Job No: P/101086 | Status: F1 - Approved & accepted | Rev: V01 | Sheet: 2 of 2

Scale:

1:500 @ A1 - 1:1000 @ A3

0 5 10 20



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V01	April 2022	PLANNING ISSUE	GDV	JDR	CCH

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Client

Tionscald Éireann
Project Ireland
2040

NTA
Náisiúnta Náisiúnta Iompartha
National Transport Authority

Iarnród Éireann
Irish Rail

Consultant

IDOM

C3

JROD
EÓIRIÁN & Ó'DOIRIÁN

Project

DART+
West

Drawing Title

STATION DESIGN
ASHTOWN STATION
PLATFORM LEVEL PLAN

Scale:

1:200 @ A1 - 1:400 @ A3

Drawing Number

MAY MDC ARC RS07 DR A 0003 D

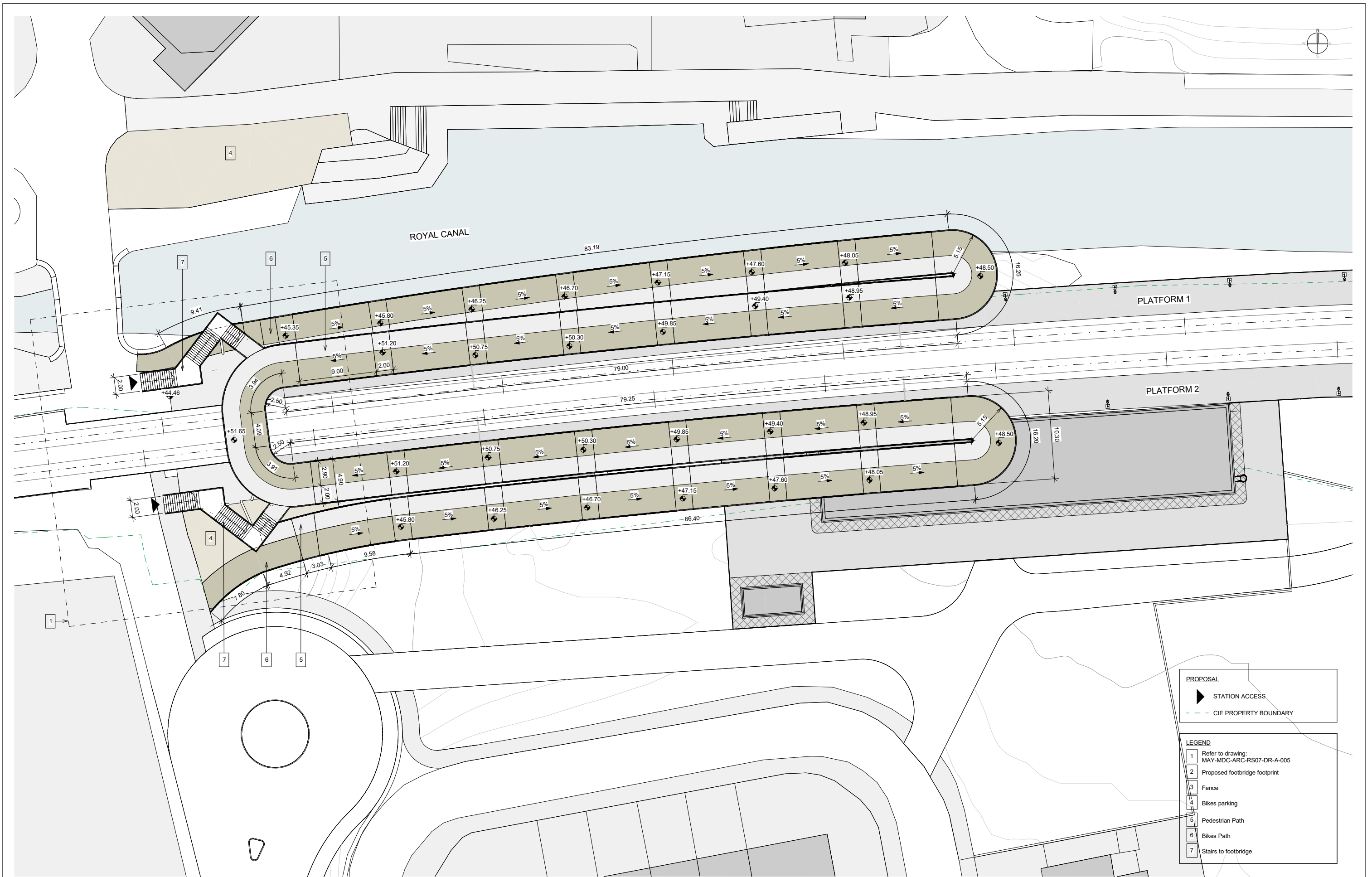
Date: April 2022

Job No: P/101086

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Rev: V01

Sheet: 1 of 2



VO1	April 2022	PLANNING ISSUE	GDV	JDR	CCH
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Client

Tionscadal Éireann Project Ireland 2040

NTA Náisiúnta Aonúis Náisiúnta National Transport Authority

Iarnród Éireann Irish Rail

Consultant

IDOM

C3

PROJOD RODRIGUES & O'DONOVAN

Project

DART+ West

Drawing Title

STATION DESIGN ASHTOWN STATION PLATFORM LEVEL PLAN

Drawing Number

MAY MDC ARC RS07 DR A 0003 D

Date: April 2022

Job No: P/101086

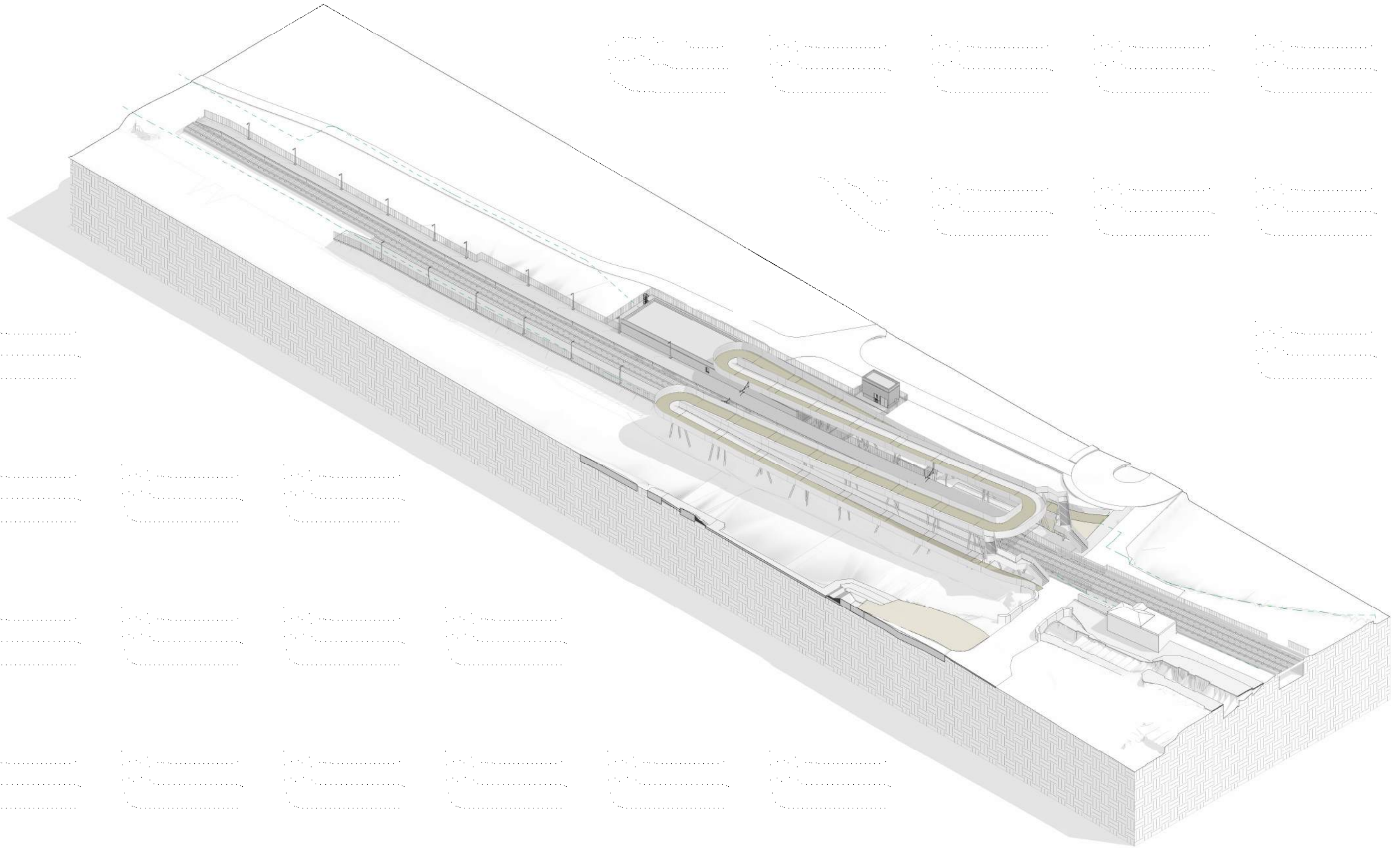
Status: F1 - Approved & accepted

Rev: V01

Sheet: 2 of 2

Scale: 1:200 @ A1 - 1:400 @ A3

0 1 2 3 4 5 10



VD1	April 2022	PLANNING ISSUE	GDV	JDR	CCH
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Client

Consultant

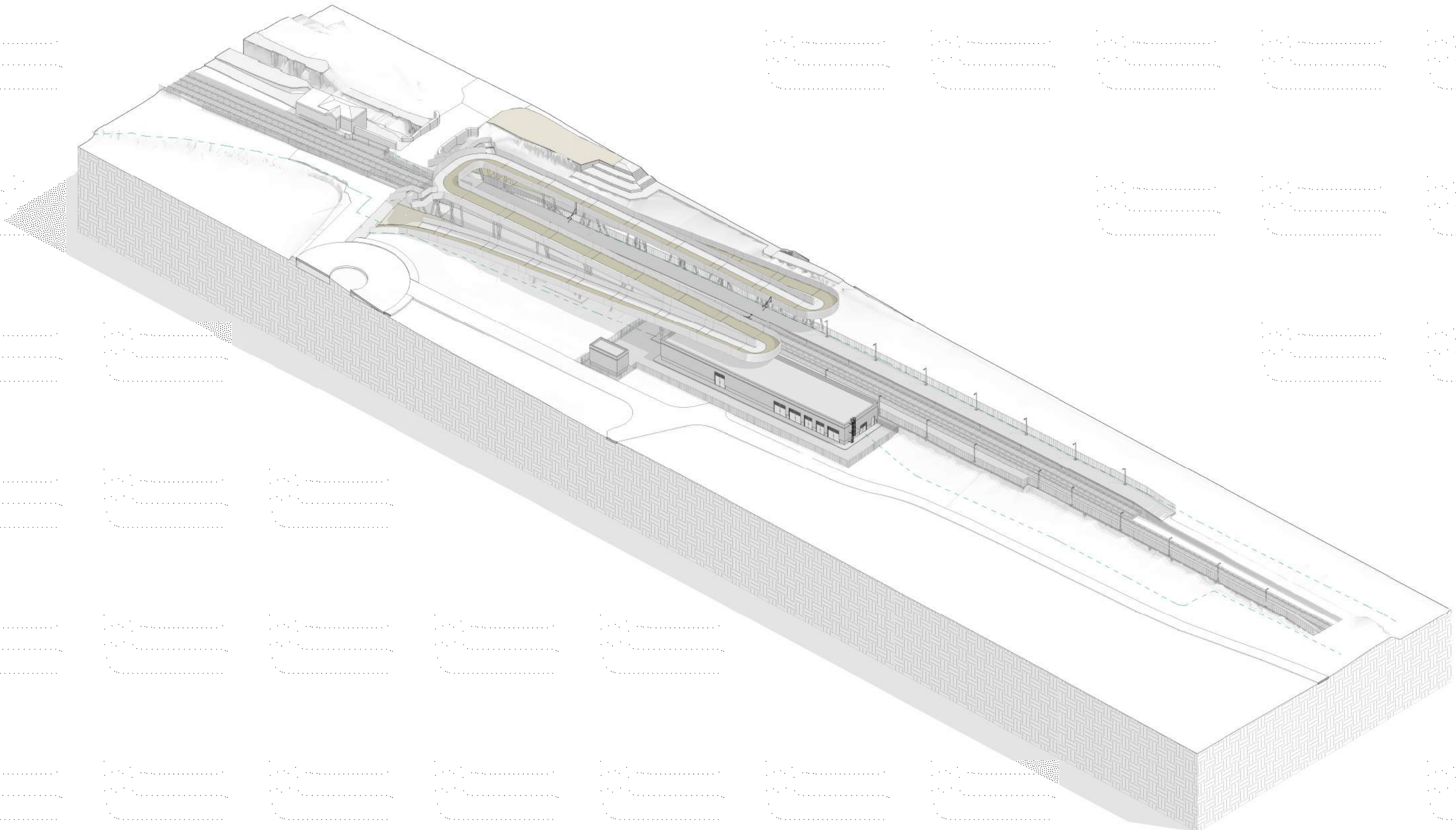
Project

Drawing Title

STATION DESIGN
ASHTOWN STATION
AXONOMETRIC VIEW

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

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	RS07	DR	A	0004	D
Date:	Job No:	Status:	Rev:					
April 2022	P/101086	F1 - Approved & accepted	V01	Sheet: 1 of 2				



VD1	April 2022	PLANNING ISSUE	GDV	JDR	CCH
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Client

Consultant

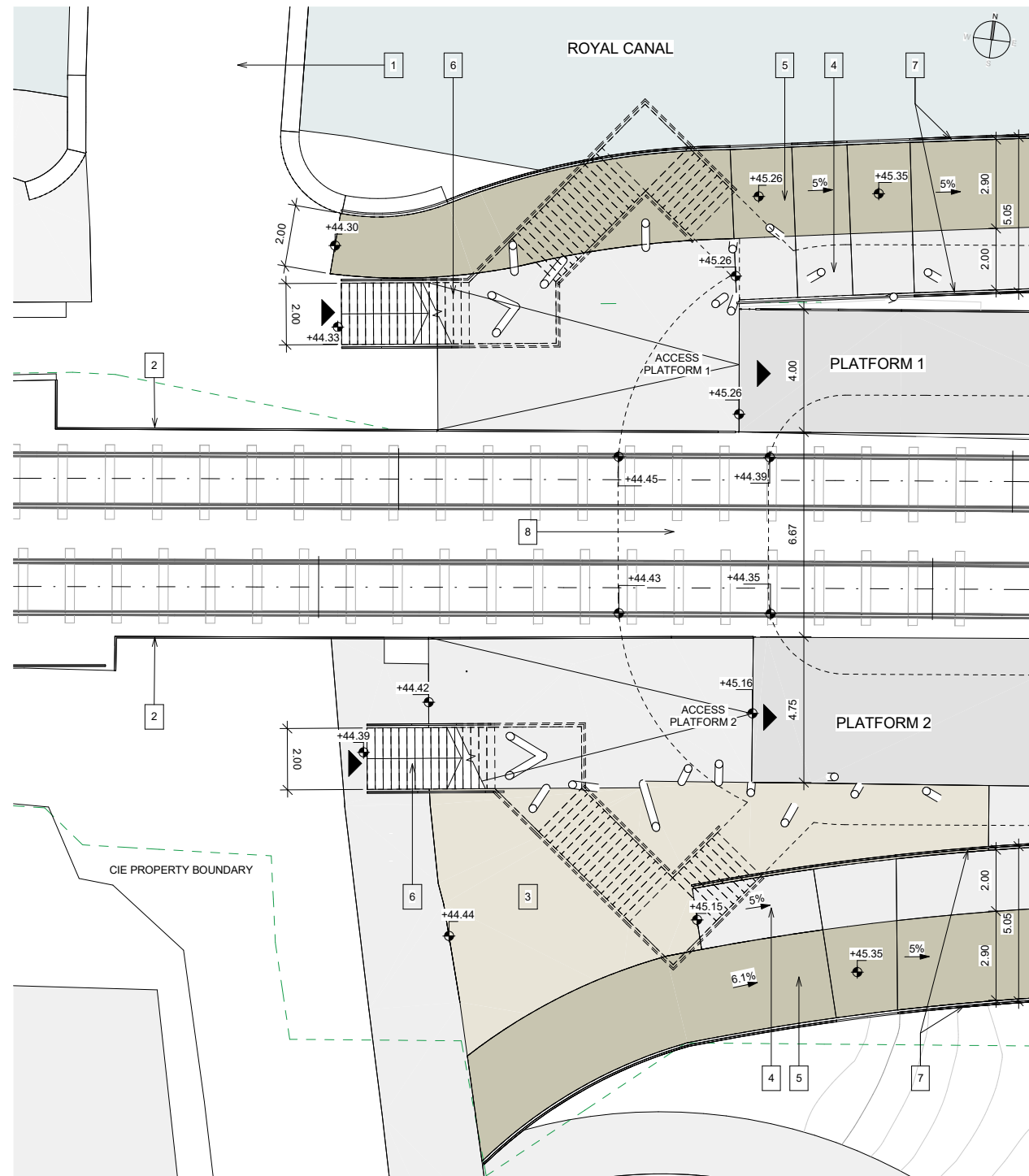
Project

Drawing Title

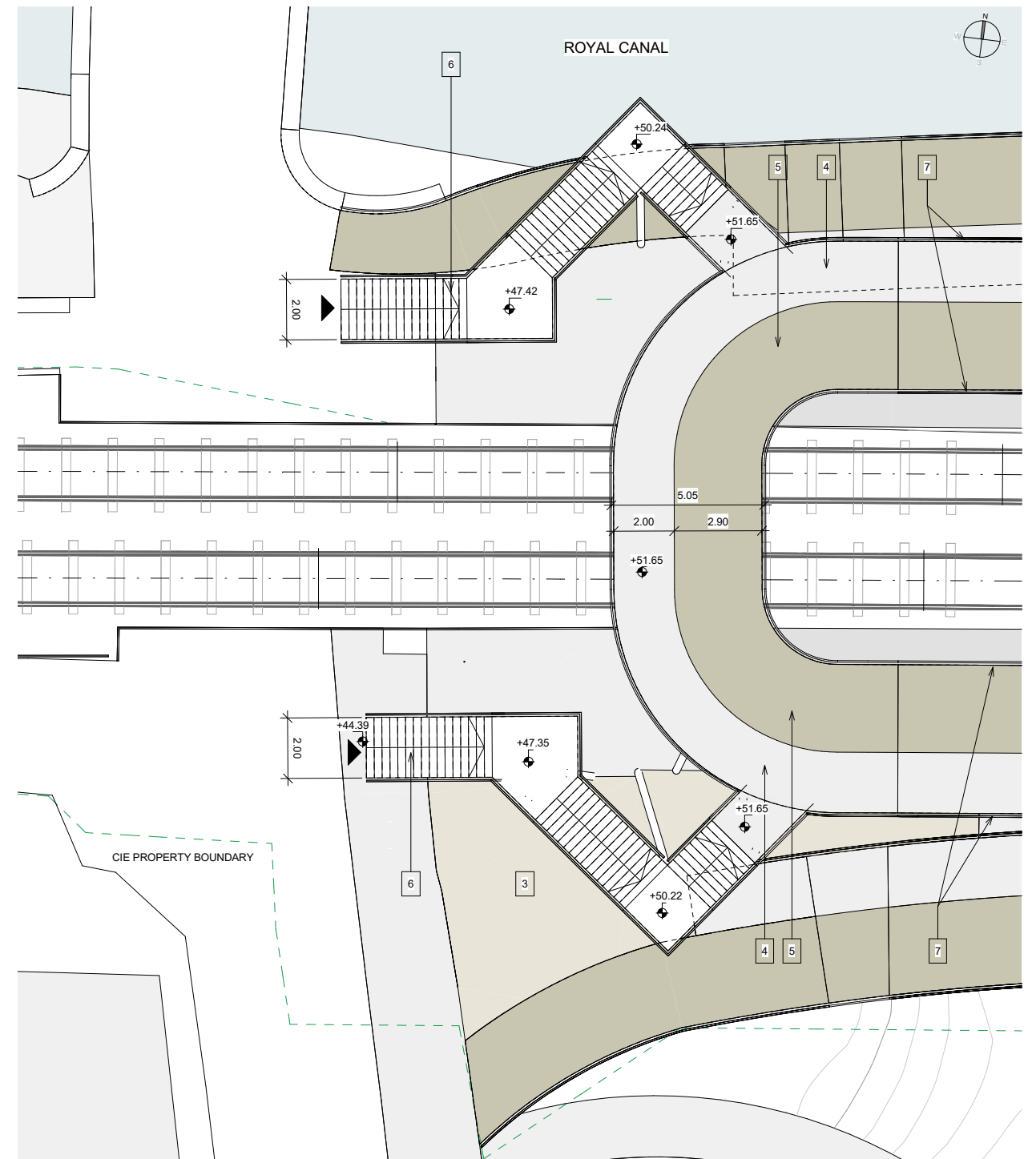
STATION DESIGN
ASHTOWN STATION
AXONOMETRIC VIEW

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

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	RS07	DR	A	0004	D
Date:	April 2022	Job No:	P/101086	Status:	F1 - Approved & accepted	Rev:	V01	Sheet: 2 of 2



1 | Platform level
Scale 1:100



2 | Footbridge Level
Scale 1:100

LEGEND	
1	Historical Bridge
2	New Fence
3	Bikes parking
4	Pedestrian Path
5	Bikes Path
6	Stairs to footbridge
7	Footbridge railing Variable height 1.40m/1.80m
8	Proposed footbridge footprint

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Client

Consultant

Project

Drawing Title

STATION DESIGN ASHTOWN STATION FOOTBRIDGE PLANS

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

Drawing Number: MAY MDC ARC RS07 DR A 0005 D

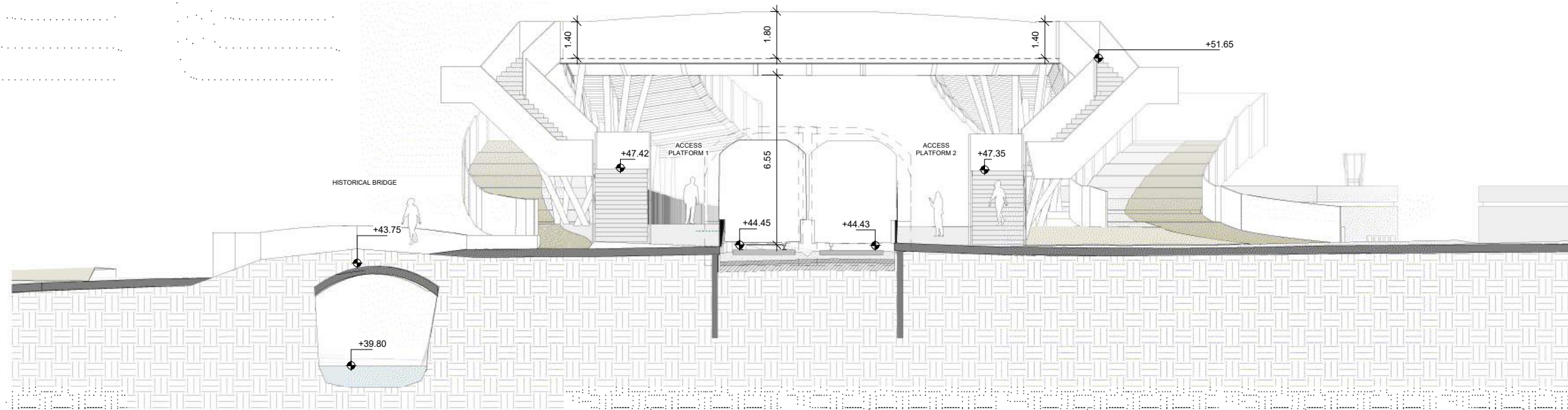
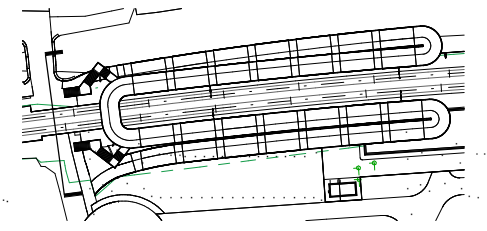
Date: April 2022

Job No: P/101086

Status: F1 - Approved & accepted

Rev: V01

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: 4.70 m.

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Client

Tionscadal Éireann Project Ireland 2040

NTA Núacht Náisiúnaí Iompar
National Transport Authority

Irish Rail

Consultant

IDOM

C3

IRIOD ROGHAN & D'ONOIVAN

Project

DART+
West

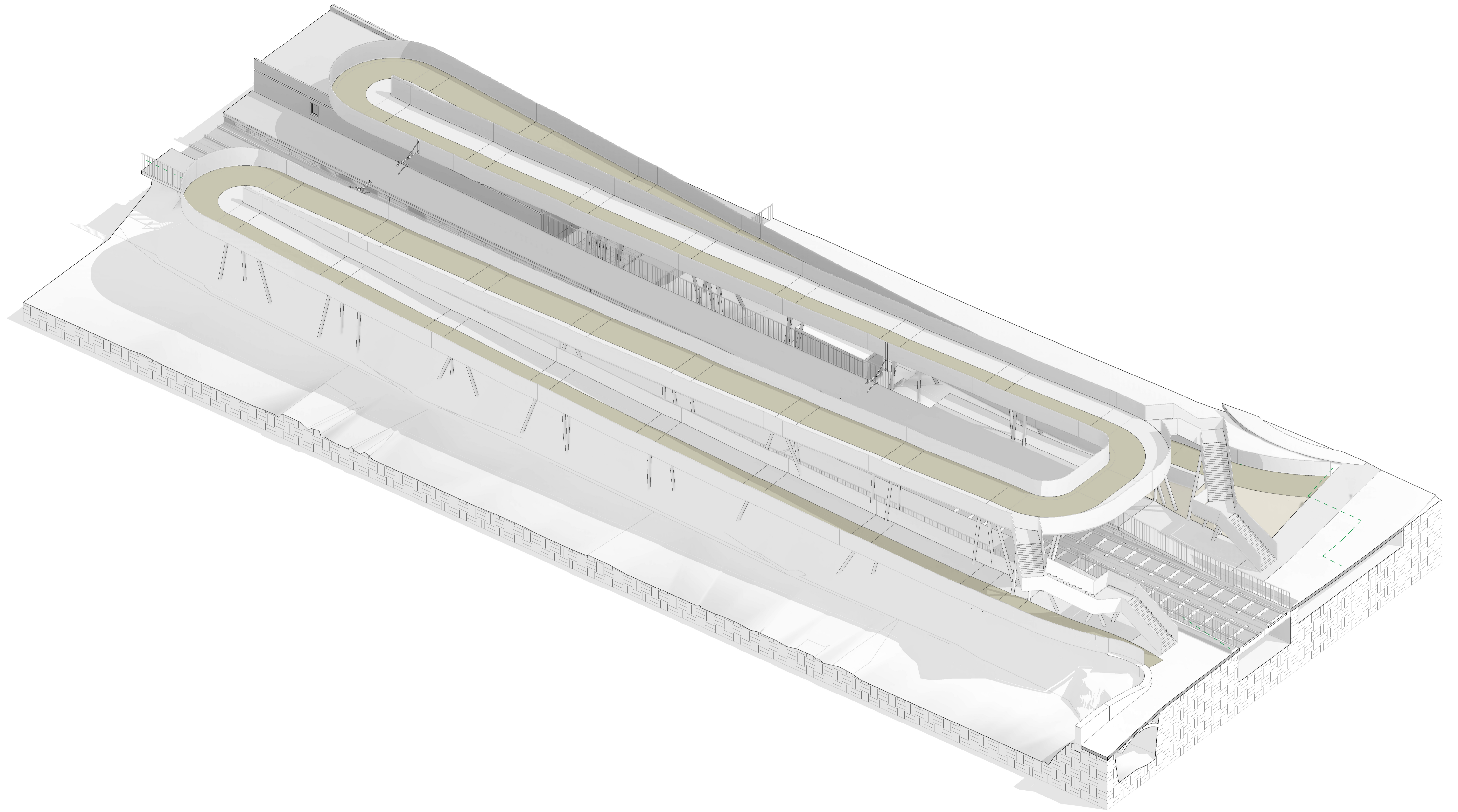
Drawing Title

STATION DESIGN
ASHTOWN STATION
FOOTBRIDGE: ELEVATION

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

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY | MDC | ARC | RS07 | DR | A | 0008 | D

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



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Client

Consultant

Project

Drawing Title

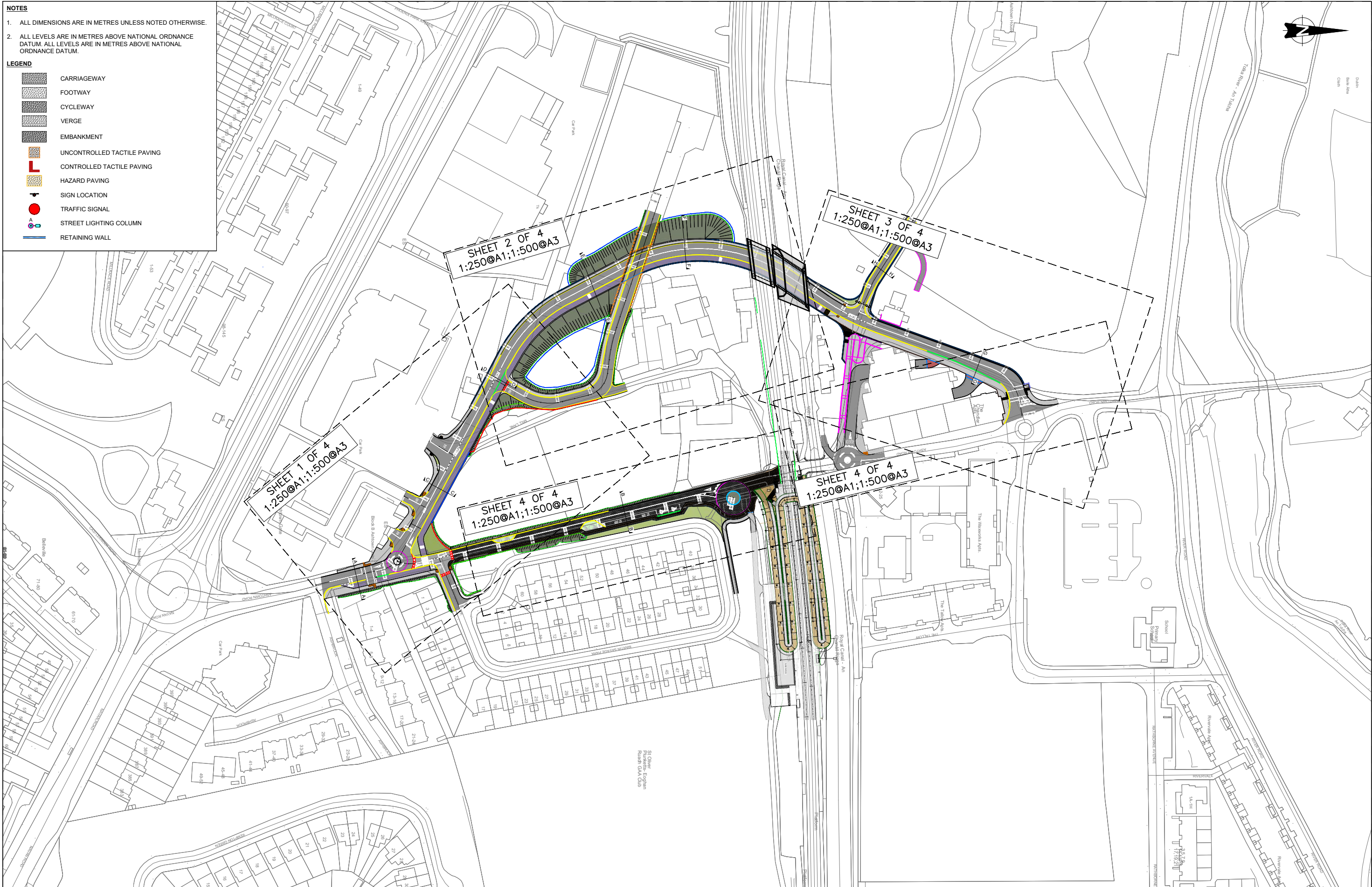
STATION DESIGN
ASHTOWN STATION
FOOTBRIDGE. AXONOMETRIC VIEWS

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY | MDC | ARC | RS07 | DR | A | 0009 | D

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

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

- 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
 - CYCLEWAY
 - VERGE
 - EMBANKMENT
 - UNCONTROLLED TACTILE PAVING
 - CONTROLLED TACTILE PAVING
 - HAZARD PAVING
 - SIGN LOCATION
 - TRAFFIC SIGNAL
 - STREET LIGHTING COLUMN
 - RETAINING WALL



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 - LC01: ASHTOWN
GENERAL ARRANGEMENT
SHEET LAYOUT

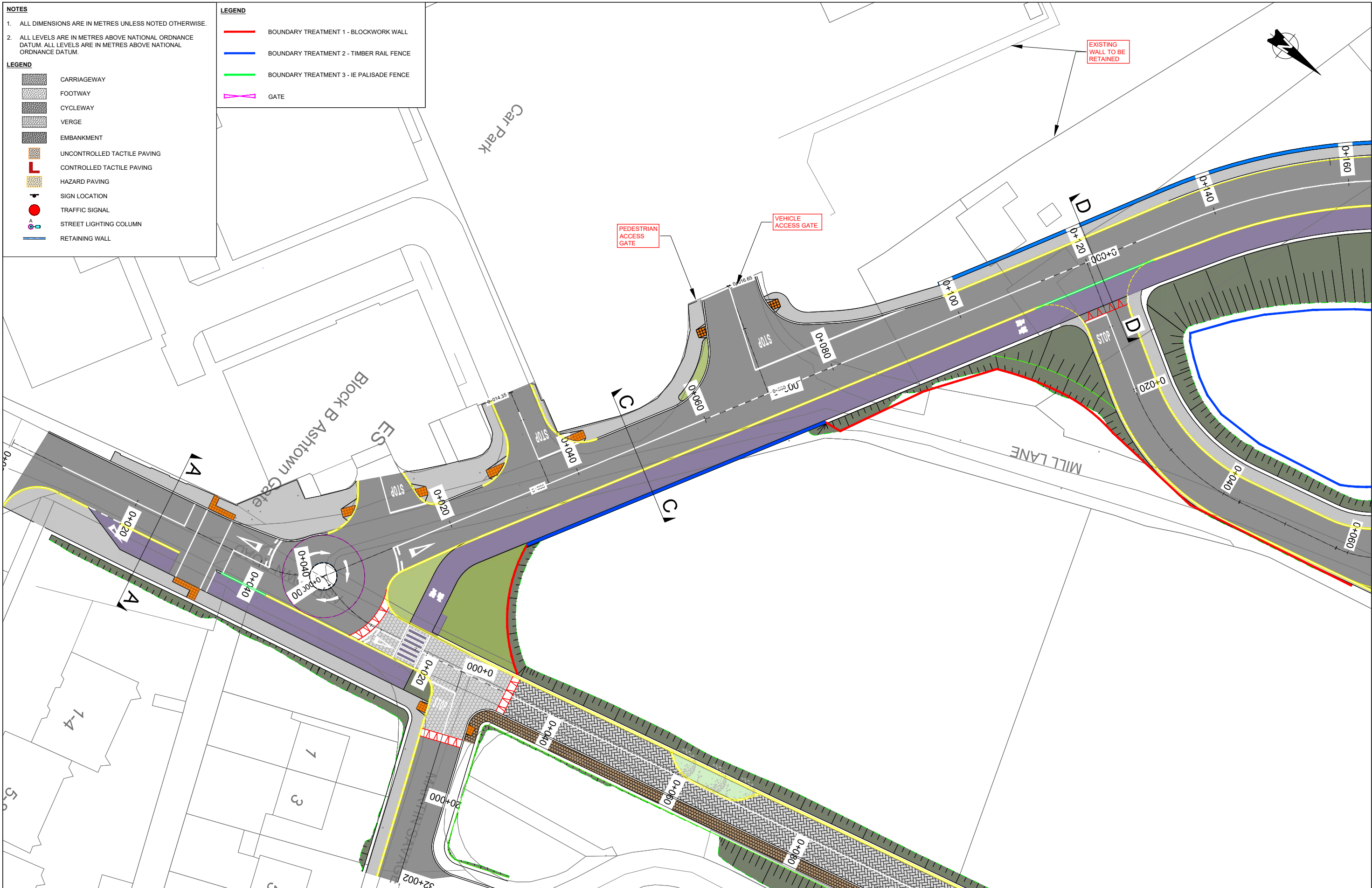
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1:250 @ A1 1:500 @ A3

Date:	April 2022	Job No:	P/101086	Status:	F1 - Approved & Accepted	Rev:	V 01	Sheet:	01 of 01
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- LEGEND**
- CARRIAGEWAY
 - FOOTWAY
 - CYCLEWAY
 - VERGE
 - EMBANKMENT
 - UNCONTROLLED TACTILE PAVING
 - CONTROLLED TACTILE PAVING
 - HAZARD PAVING
 - SIGN LOCATION
 - TRAFFIC SIGNAL
 - STREET LIGHTING COLUMN
 - RETAINING WALL

- LEGEND**
- BOUNDARY TREATMENT 1 - BLOCKWORK WALL
 - BOUNDARY TREATMENT 2 - TIMBER RAIL FENCE
 - BOUNDARY TREATMENT 3 - IE PALISADE FENCE
 - GATE



Client	Tionscald Eireann Project Ireland 2040	NTA Oibríoch Náisiúnta Iompar National Transport Authority	Iarnród Éireann Irish Rail	Project	DART+ West	Drawing Title	ROADWORKS DESIGN - LC01: ASHTOWN GENERAL ARRANGEMENT SHEET 1 OF 4
Consultant	IDOM	G3	PROD			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

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NOTES

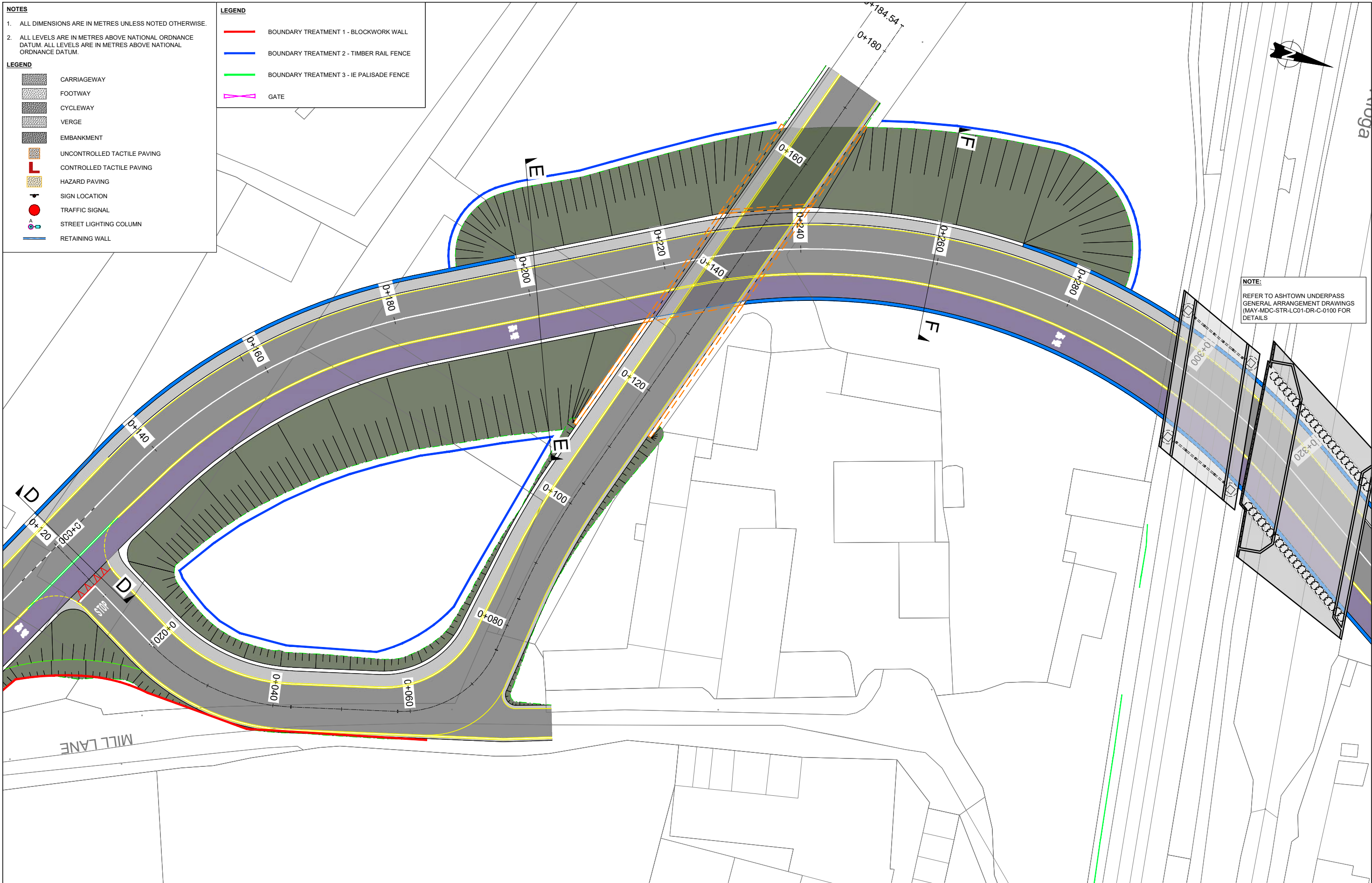
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LEGEND

- CARRIAGEWAY
- FOOTWAY
- CYCLEWAY
- VERGE
- EMBANKMENT
- UNCONTROLLED TACTILE PAVING
- CONTROLLED TACTILE PAVING
- HAZARD PAVING
- SIGN LOCATION
- TRAFFIC SIGNAL
- STREET LIGHTING COLUMN
- RETAINING WALL

LEGEND

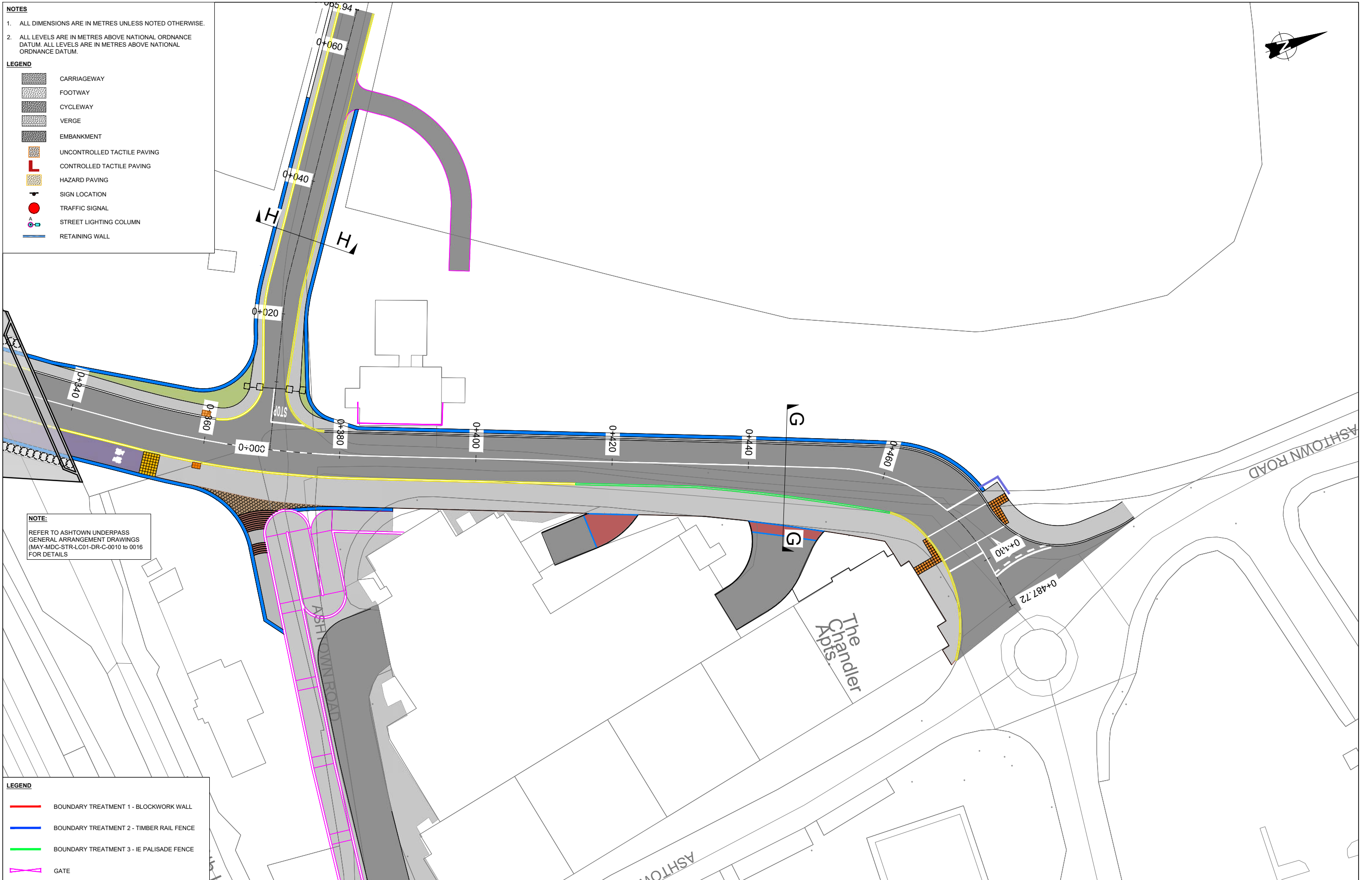
- BOUNDARY TREATMENT 1 - BLOCKWORK WALL
- BOUNDARY TREATMENT 2 - TIMBER RAIL FENCE
- BOUNDARY TREATMENT 3 - IE PALISADE FENCE
- GATE



NOTE:
REFER TO ASHTOWN UNDERPASS
GENERAL ARRANGEMENT DRAWINGS
(MAY-MDC-STR-LC01-DR-C-0100 FOR
DETAILS)

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

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- LEGEND**
- CARRIAGEWAY
 - FOOTWAY
 - CYCLEWAY
 - VERGE
 - EMBANKMENT
 - UNCONTROLLED TACTILE PAVING
 - CONTROLLED TACTILE PAVING
 - HAZARD PAVING
 - SIGN LOCATION
 - TRAFFIC SIGNAL
 - STREET LIGHTING COLUMN
 - RETAINING WALL

NOTE:
REFER TO ASHTOWN UNDERPASS
GENERAL ARRANGEMENT DRAWINGS
(MAY-MDC-STR-LC01-DR-C-0010 to 0016
FOR DETAILS

- LEGEND**
- BOUNDARY TREATMENT 1 - BLOCKWORK WALL
 - BOUNDARY TREATMENT 2 - TIMBER RAIL FENCE
 - BOUNDARY TREATMENT 3 - IE PALISADE FENCE
 - GATE

Client								
Project								
Drawing Title	ROADWORKS DESIGN - LC01: ASHTOWN GENERAL ARRANGEMENT SHEET 3 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		0103	D
Date:	April 2022	Job No:	P/101086	Status:	F1 - Approved & Accepted		Rev:	V 01
							Sheet:	03 of 04

Consultant

Project

Drawing Title

ROADWORKS DESIGN - LC01: ASHTOWN
GENERAL ARRANGEMENT
SHEET 3 OF 4

Scale:

1:250 @ A1 1:500 @ A3

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

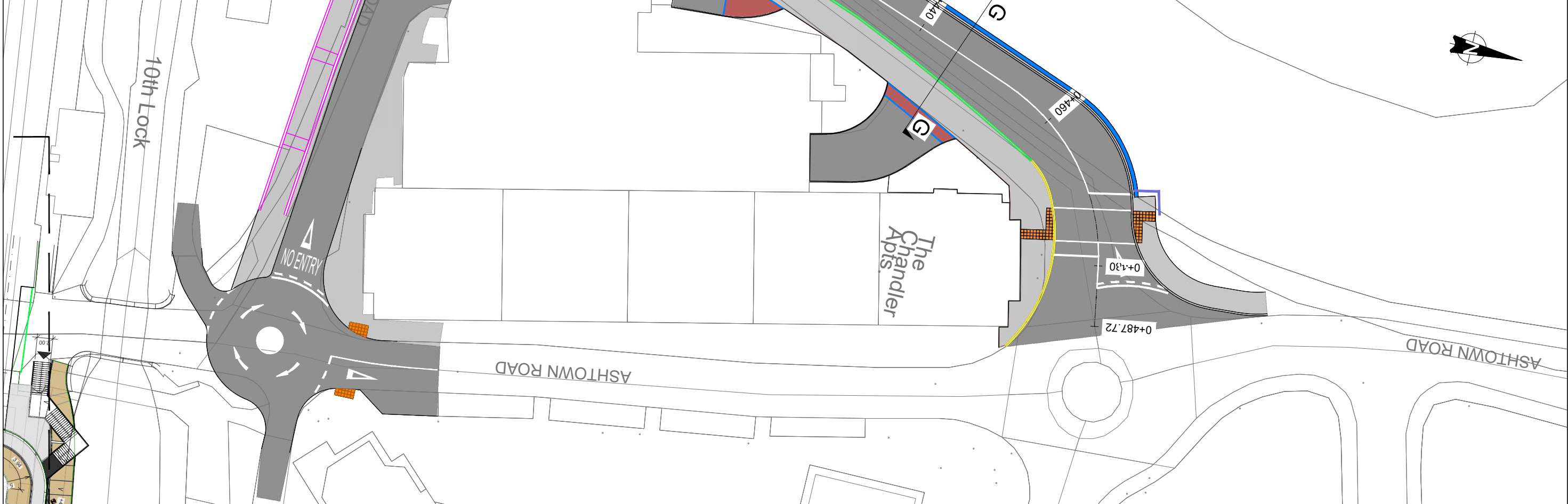
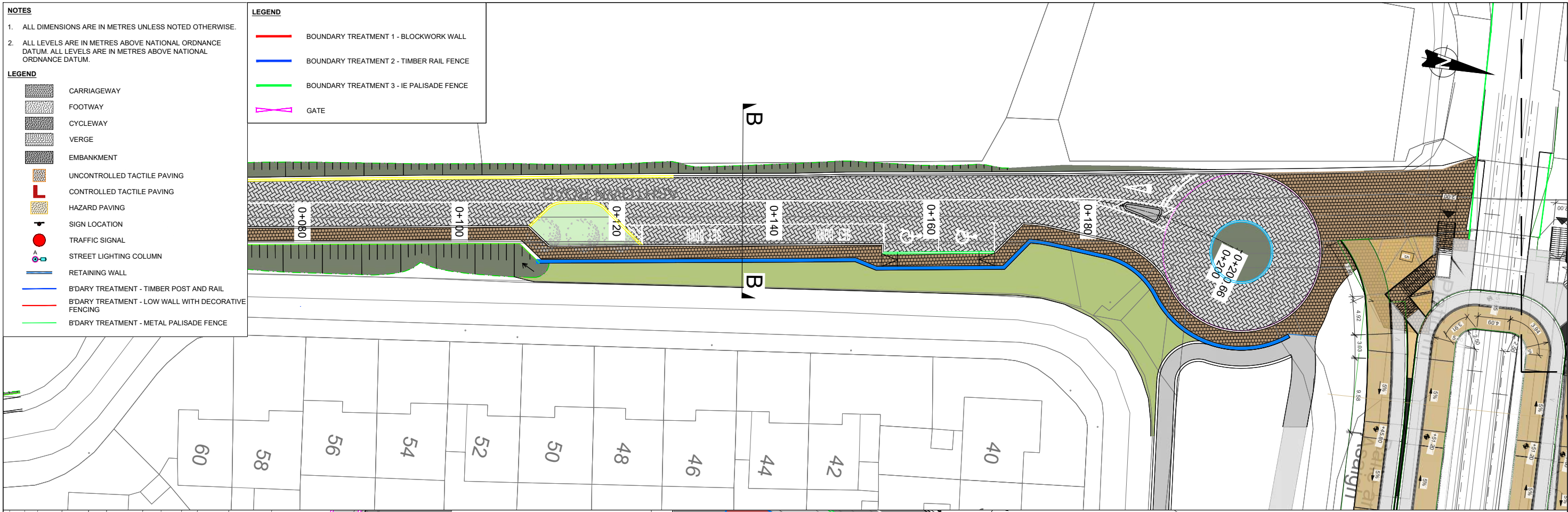
MAY | MDC | HRW | LC01 | DR | C | | 0103 | D

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- CARRIAGEWAY
 - FOOTWAY
 - CYCLEWAY
 - VERGE
 - EMBANKMENT
 - UNCONTROLLED TACTILE PAVING
 - CONTROLLED TACTILE PAVING
 - HAZARD PAVING
 - SIGN LOCATION
 - TRAFFIC SIGNAL
 - STREET LIGHTING COLUMN
 - RETAINING WALL
 - B'DARY TREATMENT - TIMBER POST AND RAIL
 - B'DARY TREATMENT - LOW WALL WITH DECORATIVE FENCING
 - B'DARY TREATMENT - METAL PALISADE FENCE

- LEGEND**
- BOUNDARY TREATMENT 1 - BLOCKWORK WALL
 - BOUNDARY TREATMENT 2 - TIMBER RAIL FENCE
 - BOUNDARY TREATMENT 3 - IE PALISADE FENCE
 - GATE



Client	Tionscatal Éireann Project Ireland 2040		
Consultant	IDOM	G3	IRÓD
Project	DART+ West		
Drawing Title	ROADWORKS DESIGN - LC01: ASHTOWN GENERAL ARRANGEMENT SHEET 4 OF 4		
Scale:	1:250 @ A1 1:500 @ A3		
Drawing Number	Project	Originator	Discipline
MAY	MDC	HRW	LC01
DR	C	0104	D
Date:	Job No:	Status:	Rev:
April 2022	P/101086	F1 - Approved & Accepted	V 01
Sheet: 04 of 04			

Client: Tionscatal Éireann Project Ireland 2040

Consultant: IDOM, G3, IRÓD

Project: DART+ West

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

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

Drawing Number: MAY MDC HRW LC01 DR C 0104 D

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

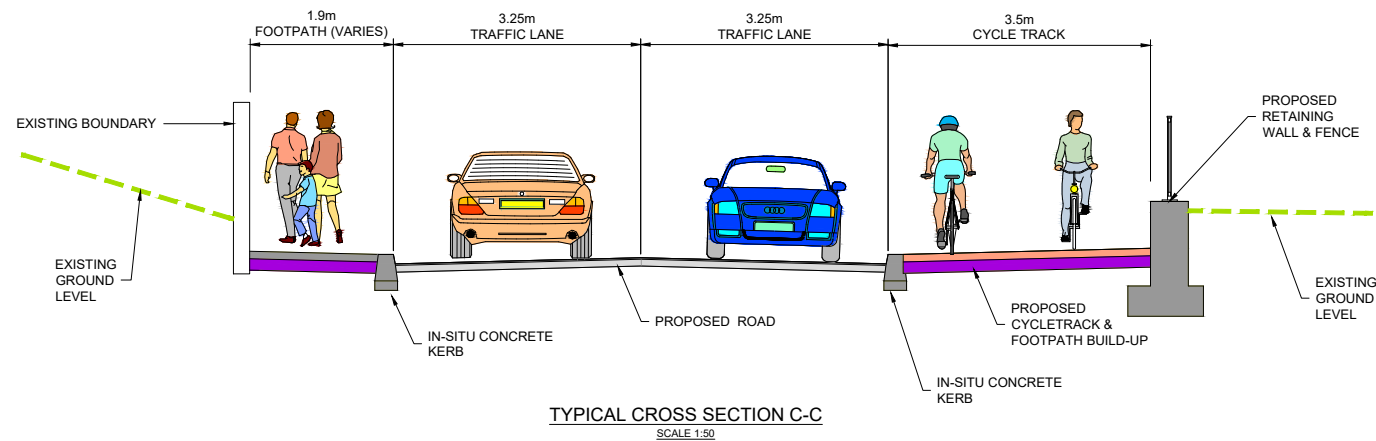
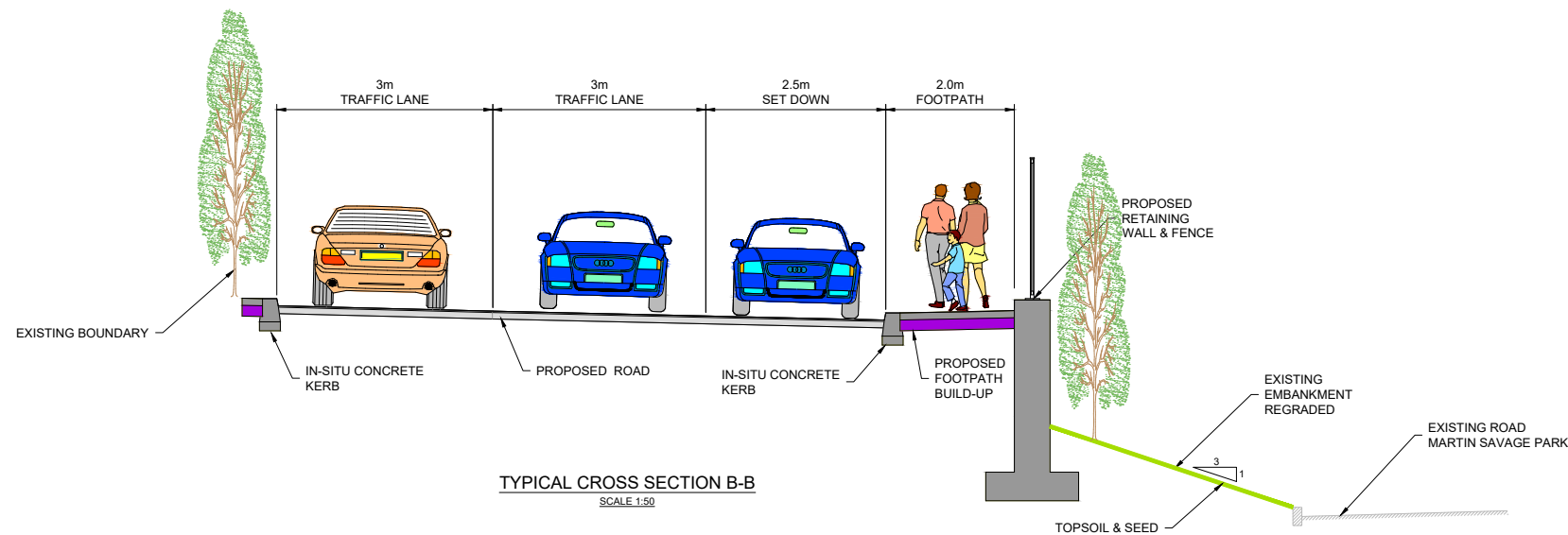
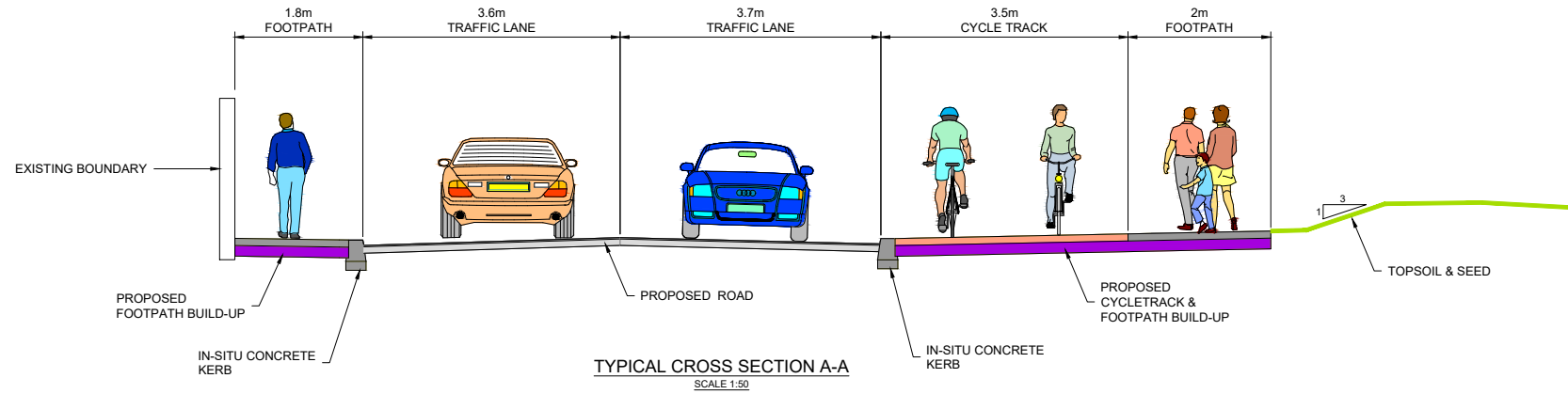
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Survey No: 0039721 (OSI Aerial Data or OSI Lidar Data) & Survey No: 2021051_NMA_188 (OSI Vector Data).

All elevations are in metres and relate to OSI Geoid Model (OSGM02) Mean-High as defined by existing Project Control.

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



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.

Client	KH			TL	MK
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 (TLTG).

Client

Consultant

Project

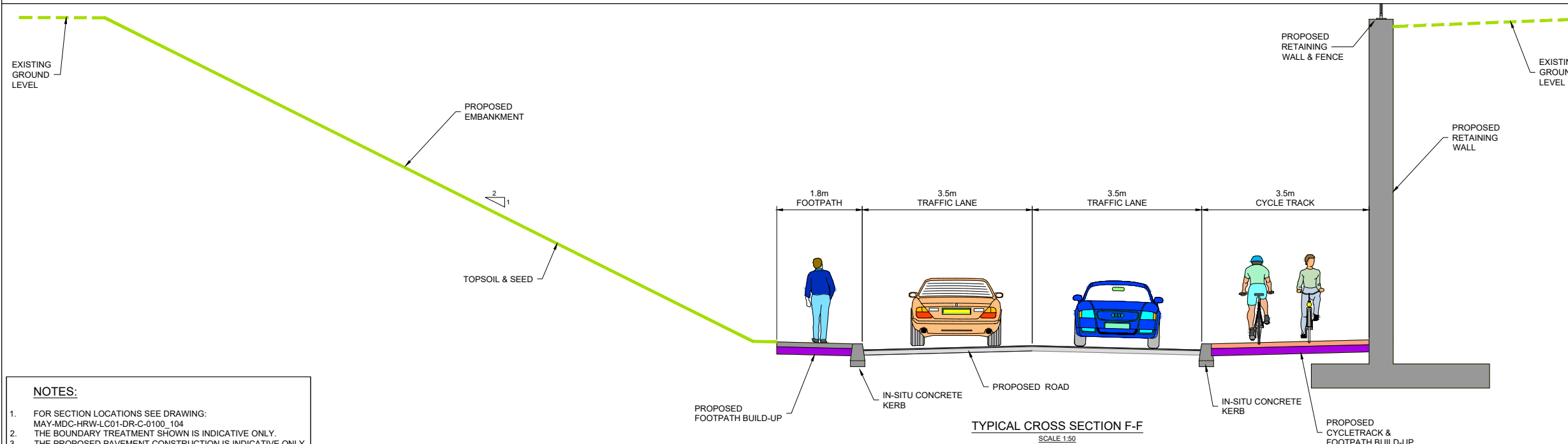
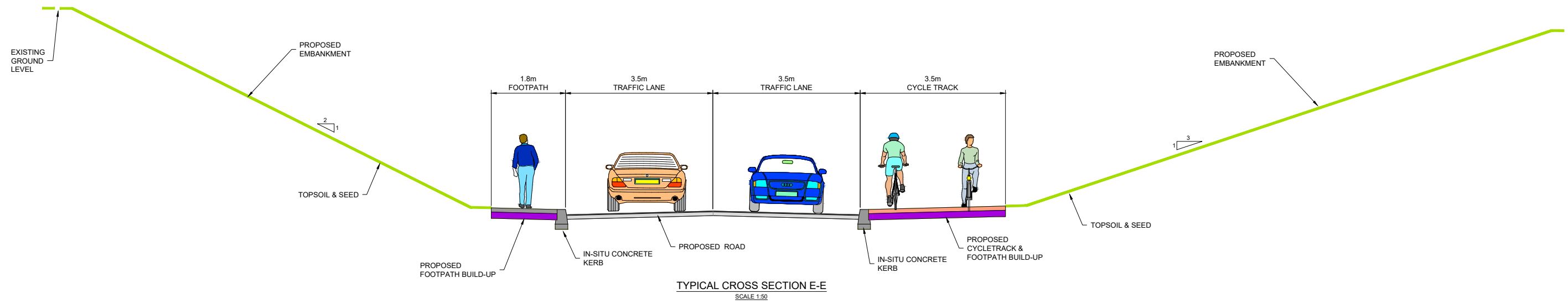
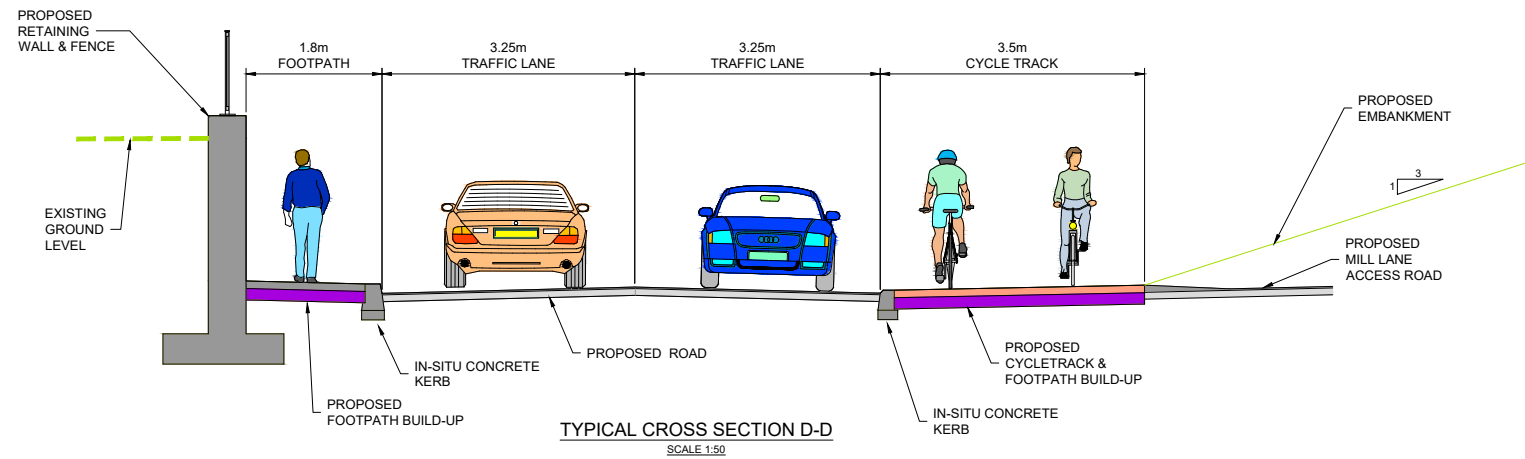
Drawing Title

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

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

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC HRW LC01 DR C 0105 D

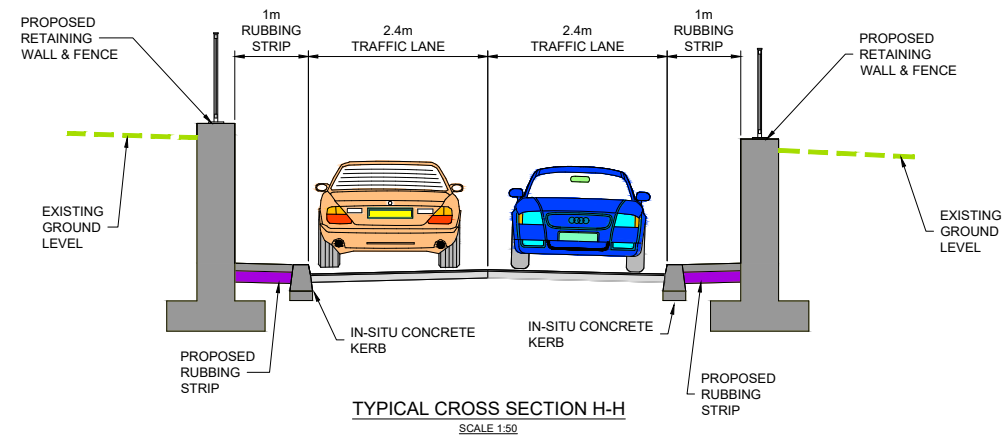
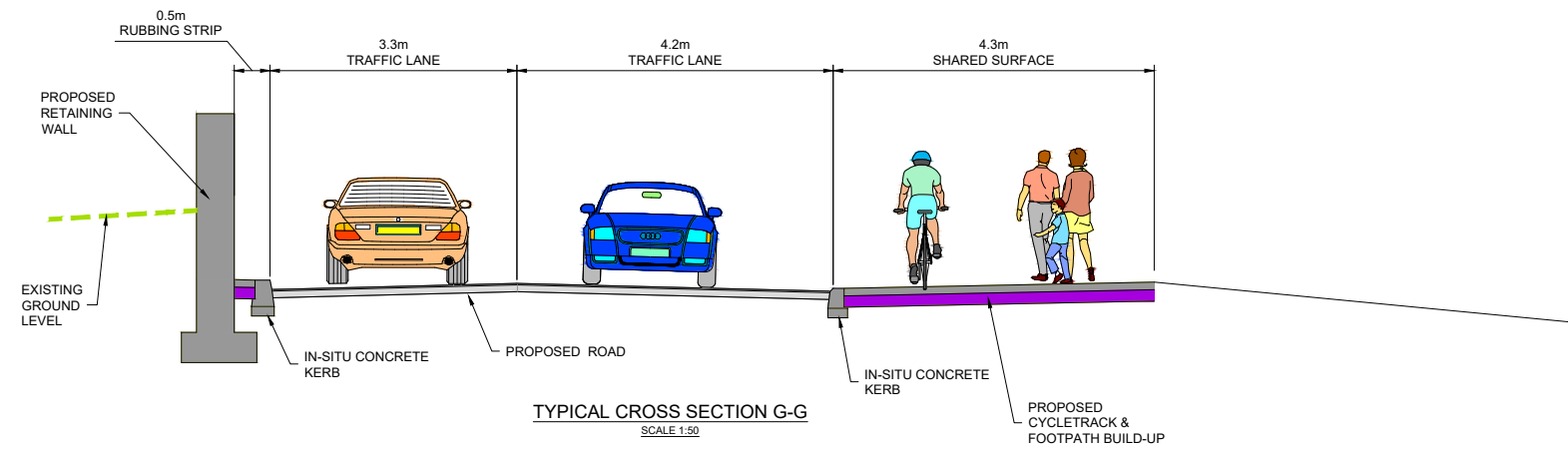
Date: April 2022 | Job No: P/101086 | Status: F1 - Approved & Accepted | Rev: V 01 | Sheet: 01 of 03



- 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.

Client	Tionscald Eireann Project Ireland 2040		
Consultant	IDOM	G3	PROJ ROD
Project	DART+ West		
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	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

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



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.

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

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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

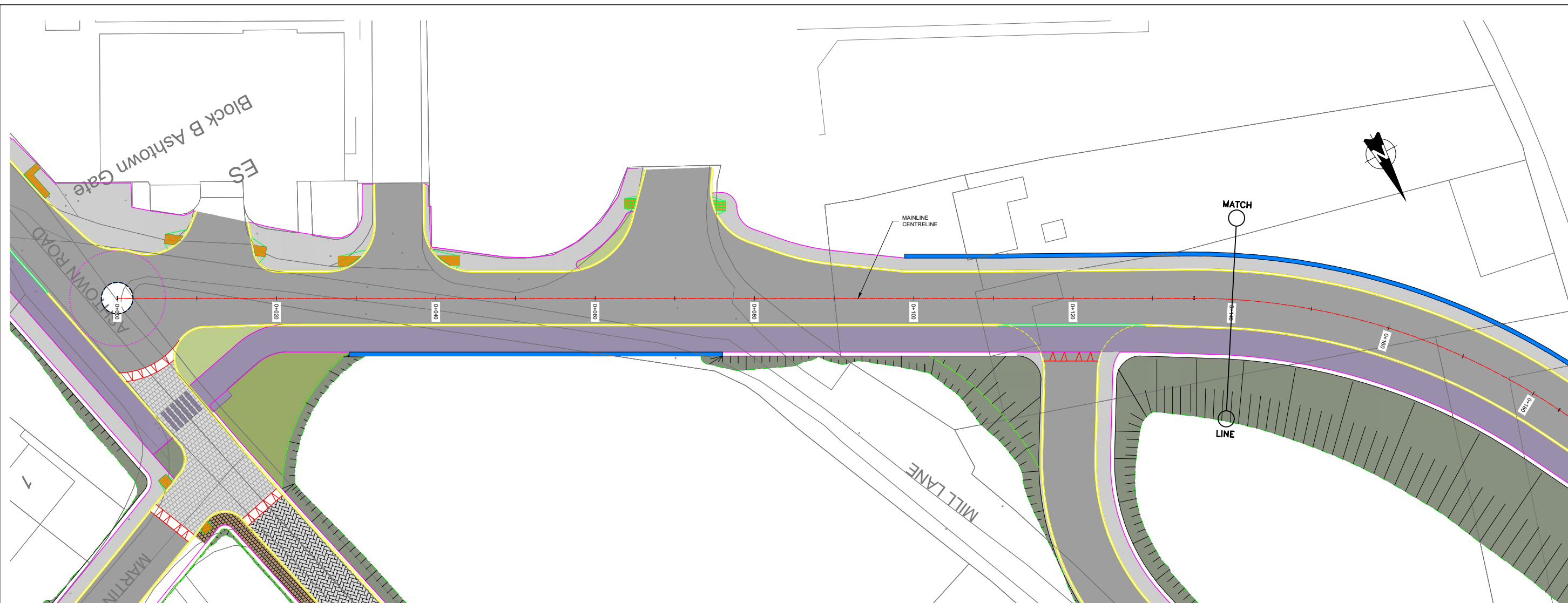
Drawing Title

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

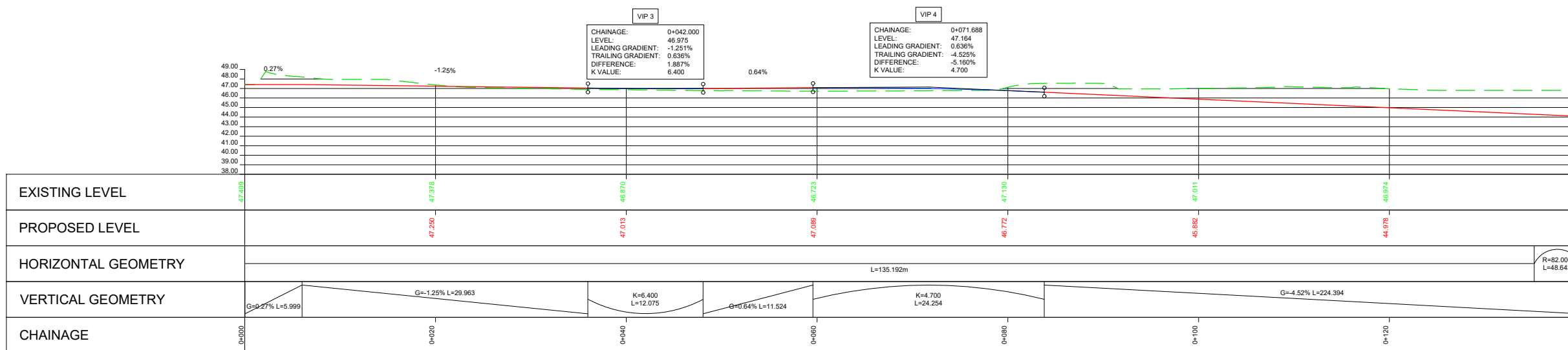
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Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC HRW LC01 DR C 0107 D

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



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



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

Client	Tionscald Eireann Project Ireland 2040		
Project	Iarnród Éireann Irish Rail		
Consultant	IDOM	G3	PROUD & O'DONOVAN
Client	TK	TL	MK
REV.	DATE	DESCRIPTION	PRODUCED BY REVIEWED BY APPROVED BY
V01	April 2022	PLANNING ISSUE	

Client: Tionscald Eireann Project Ireland 2040

Project: Iarnród Éireann Irish Rail

Consultant: IDOM, G3, PROUD & O'DONOVAN

Project: DART+ West

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

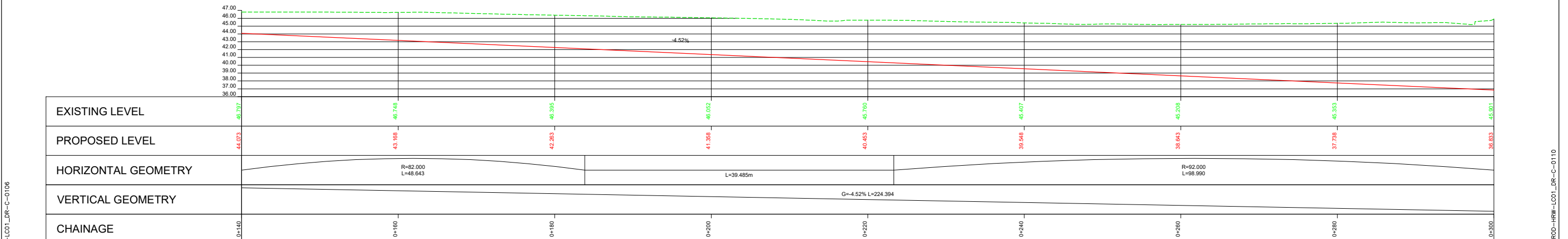
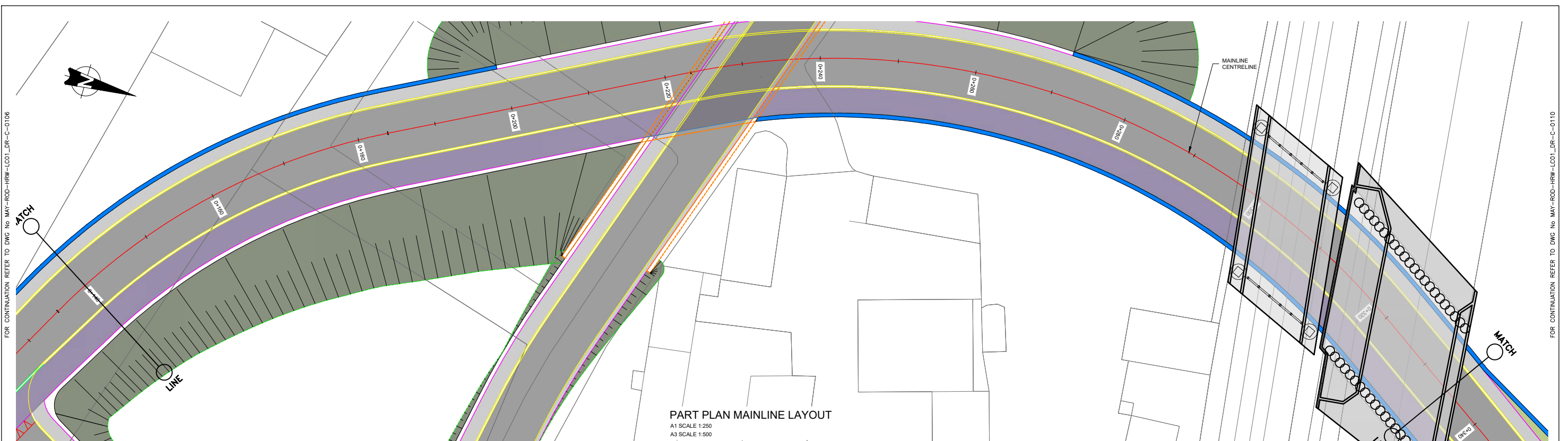
Scale: 1:250 @ A1, 1:500 @ A3

Drawing Number: MAY ROD HRW LC01 DR C 0108 D

Date: April 2022 | Job No: P/101086 | Status: F1 - Approved & Accepted | Rev: V 01 | Sheet: 1 of 3

FOR CONTINUATION REFER TO DWG No MAY-ROD-HRW-LC01-DR-C-0109

FOR CONTINUATION REFER TO DWG No MAY-ROD-HRW-LC01-DR-C-0109



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

Client		Project		Drawing Title	
				ROADWORKS DESIGN - LC01: ASHTOWN ROAD ALIGNMENT PLAN AND PROFILE SHEET 2 OF 3	
Consultant				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	
PRODUCED BY REVIEWED BY APPROVED BY TK TL MK		Date: April 2022 Job No: P/101086 Status: F1 - Approved & Accepted Rev: V 01 Sheet: 2 of 3		Date: April 2022 Job No: P/101086 Status: F1 - Approved & Accepted Rev: V 01 Sheet: 2 of 3	

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FOR CONTINUATION REFER TO DWG No MAY-ROD-HRW-LC01_DR-C-0106

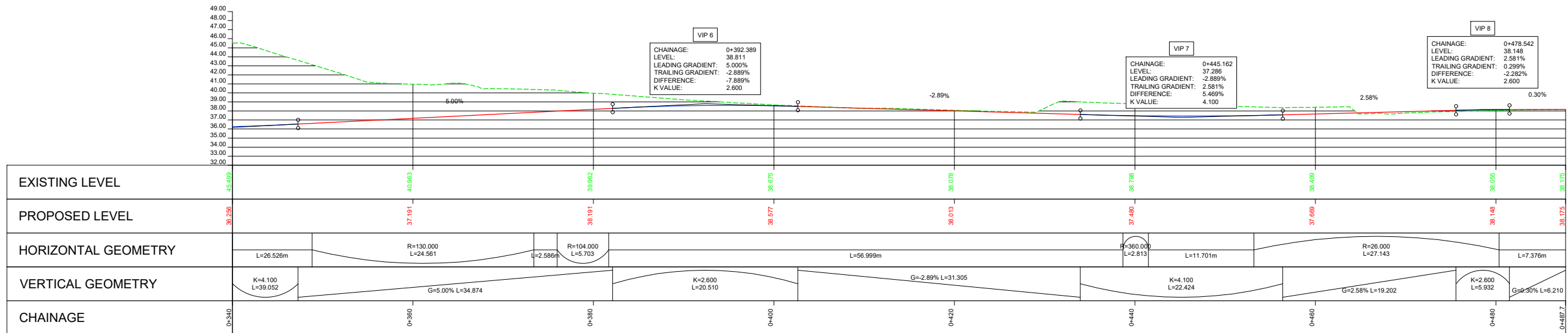
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FOR CONTINUATION REFER TO DWG No MAY-ROD-HRW-LC01_DR-C-0110

FOR CONTINUATION REFER TO DWG No MAY-ROD-HRW-LC01_DR-C-0110



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	TK	TL	MK
V01	April 2022	PLANNING ISSUE			

PRODUCED BY REVIEWED BY APPROVED BY

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

Consultant: IDOM, G3, IROD

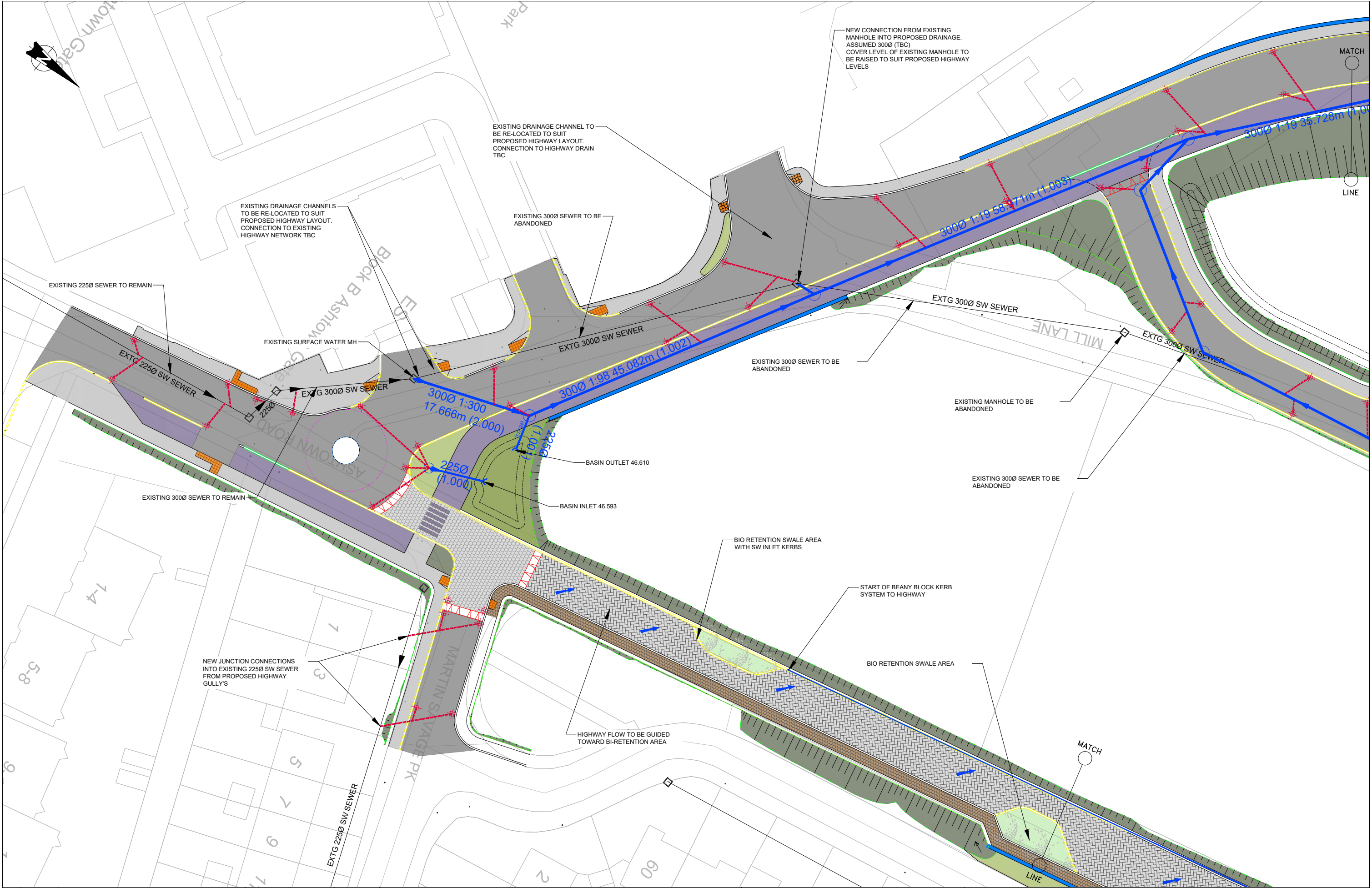
Project: DART+ West

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

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

Drawing Number: MAY ROD HRW LC01 DR C 0110 D

Date: April 2022, Job No: P/101086, Status: F1 - Approved & Accepted, Rev: V 01, Sheet: 3 of 3



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

Consultant

Project

Drawing Title

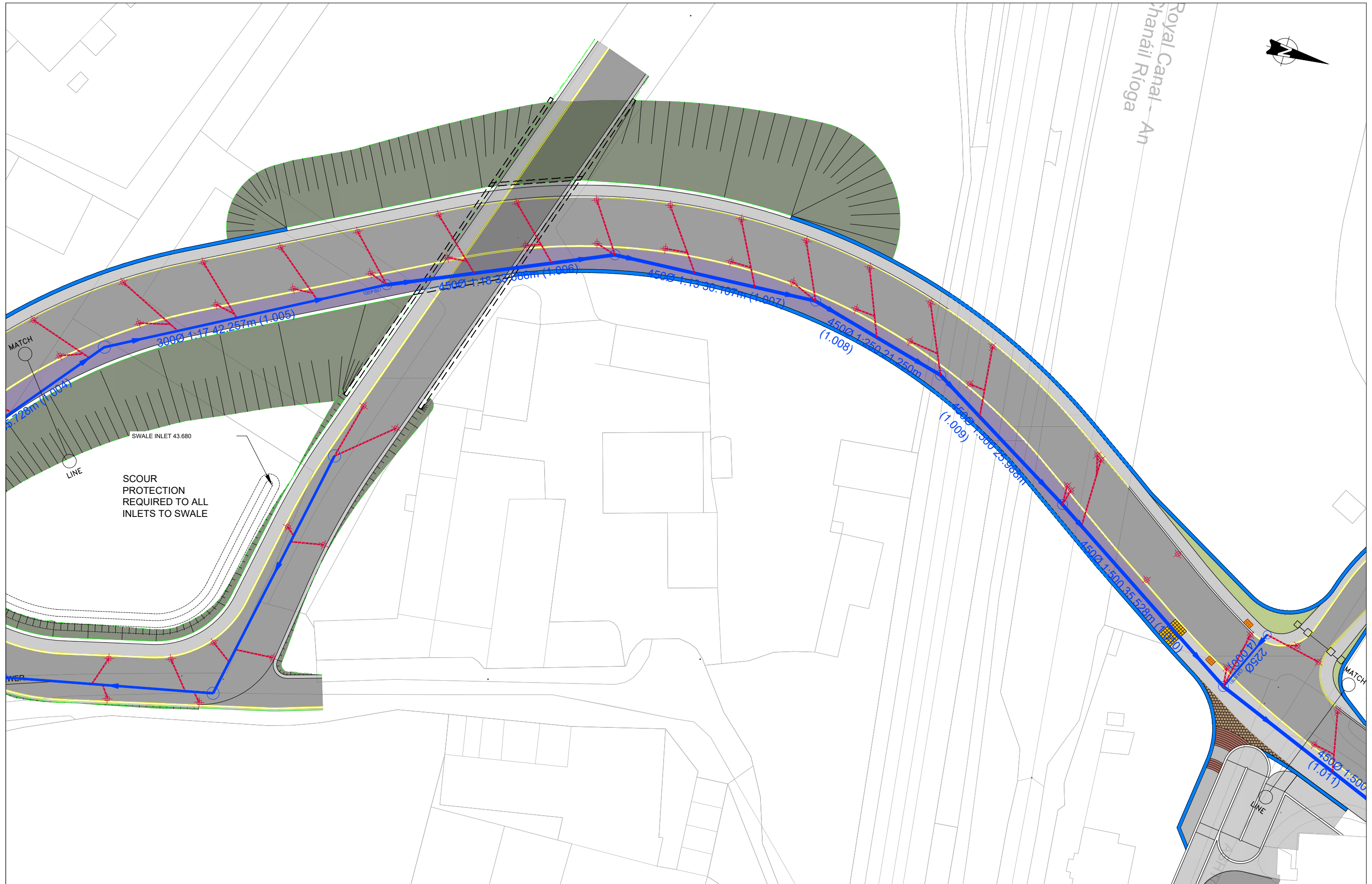
ROADWORKS DESIGN - LC01: ASHTOWN
DRAINAGE
SHEET 1 OF 4

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

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

MAY MDC HRW LC01 DR C 0123 D

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



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

Tionscatal Éireann
Project Ireland
2040

NTA
Údaráis Náisiúnta Iompair
National Transport Authority

Iarnród Éireann
Irish Rail

Consultant

IDOM

G3

PROJOD
ROGHAN & O'DONOVAN

Project

DART+
West

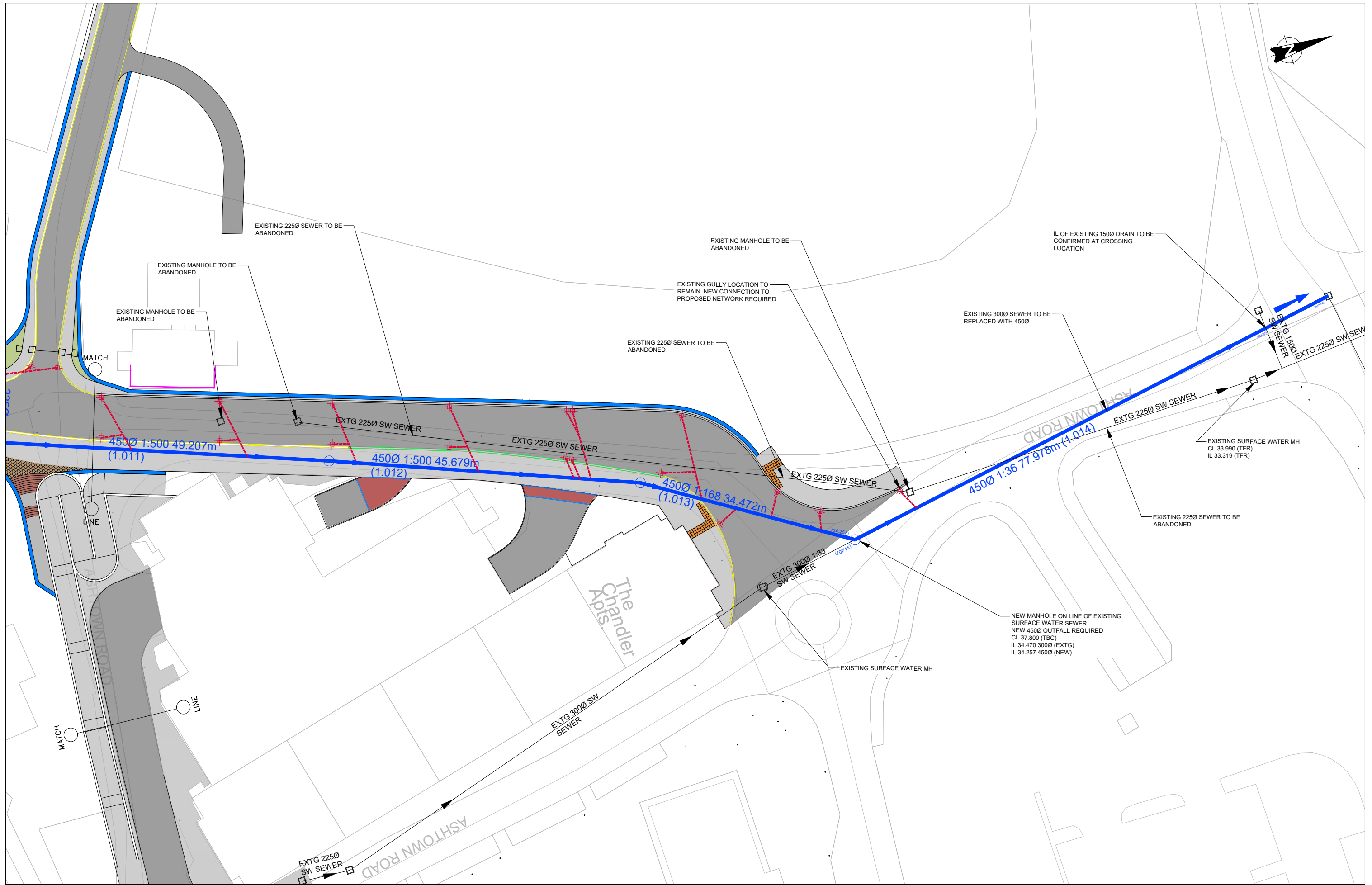
Drawing Title

ROADWORKS DESIGN - LC01: ASHTOWN
DRAINAGE
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 0124 D

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



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

Consultant

Project

Drawing Title

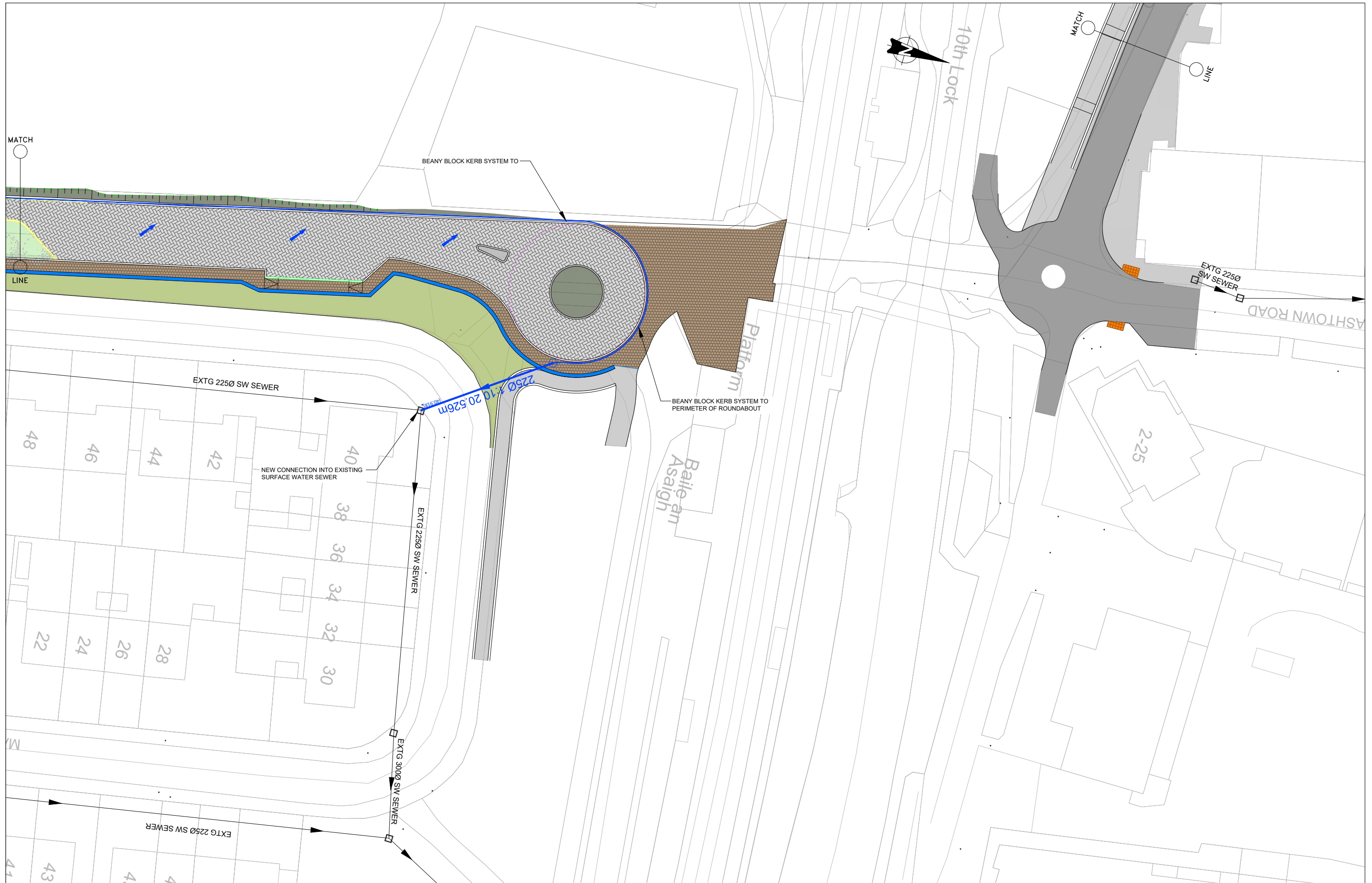
ROADWORKS DESIGN - LC01: ASHTOWN DRAINAGE SHEET 3 OF 4

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

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

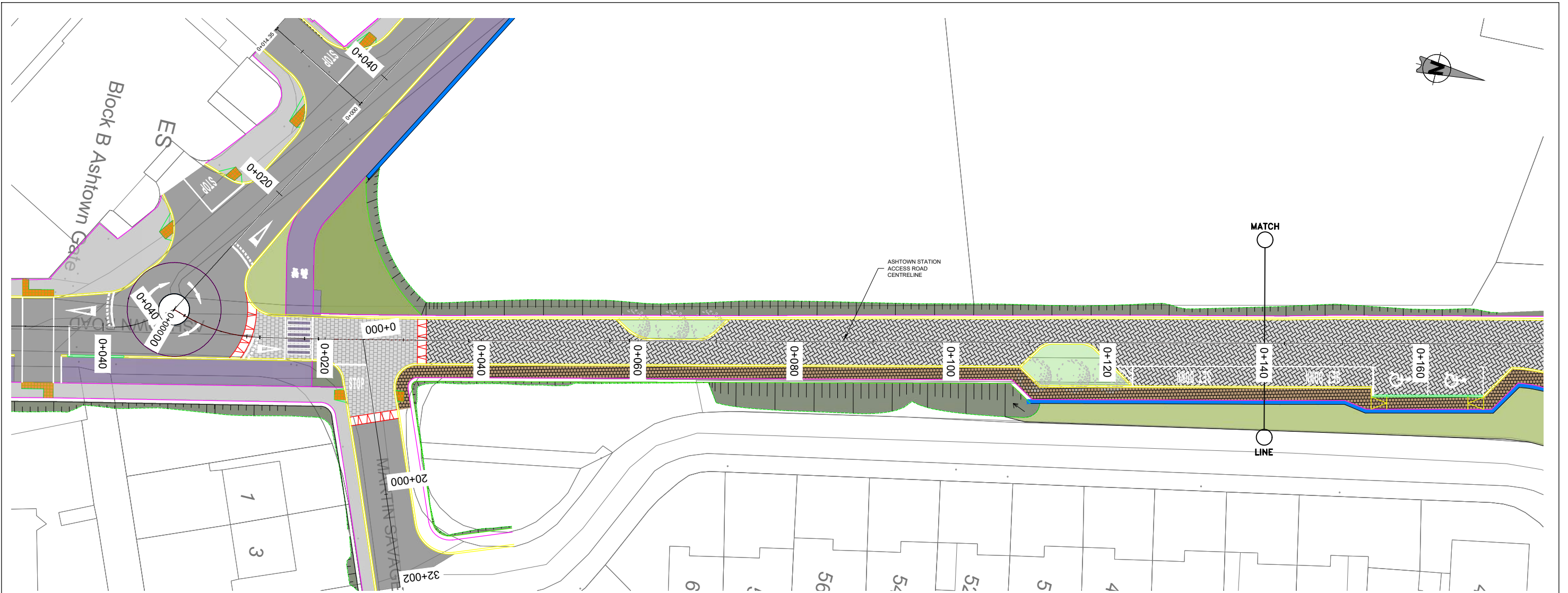
MAY MDC HRW LC01 DR C 0125 D

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

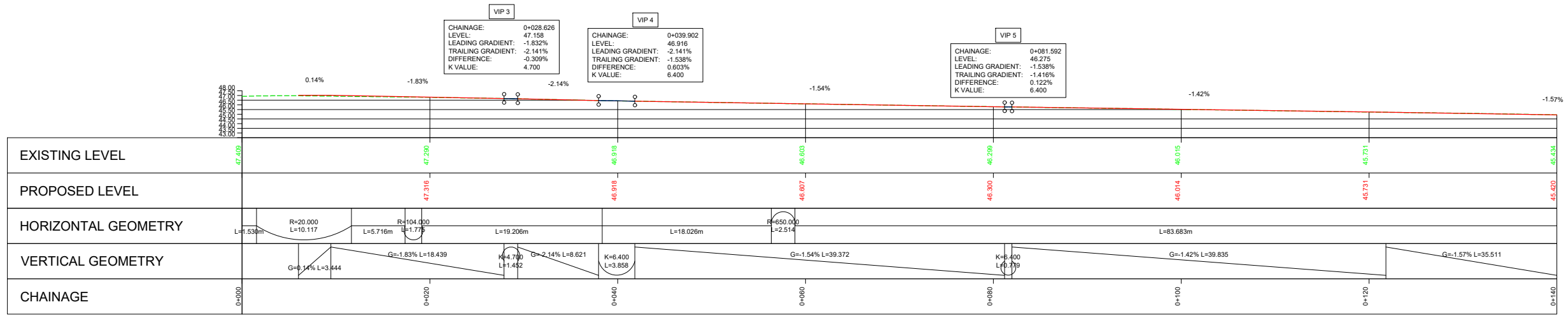


Client	Tionscald Éireann Project Ireland 2040							
Consultant	NTA Udaráis Náisiúnta Iompair National Transport Authority							
	Iarnród Éireann Irish Rail							
	IDOM							
	G3							
	IROD RUIGHAN & O'DONOVAN							
Project	DART+ West							
Drawing Title	ROADWORKS DESIGN - LC01: ASHTOWN DRAINAGE SHEET 4 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	0126	D
Date:	April 2022	Job No:	P/101086	Status:	F1 - Approved & Accepted		Rev:	V 01
								Sheet 04 of 04

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ASHTOWN STATION ACCESS ROAD
 A1 SCALE 1:250
 A3 SCALE 1:500



LEGEND:

- PROPOSED ROAD CENTRELINE PROFILE
- EXISTING GROUND ALONG ROAD CENTRELINE

ASHTOWN STATION ACCESS ROAD
 A1 SCALE 1:250 HORIZONTAL
 A3 SCALE 1:250 VERTICAL

Client	TK			TL	MK
Consultant	PRODUCED BY REVIEWED BY APPROVED BY				

Client:

Consultant:

Project:

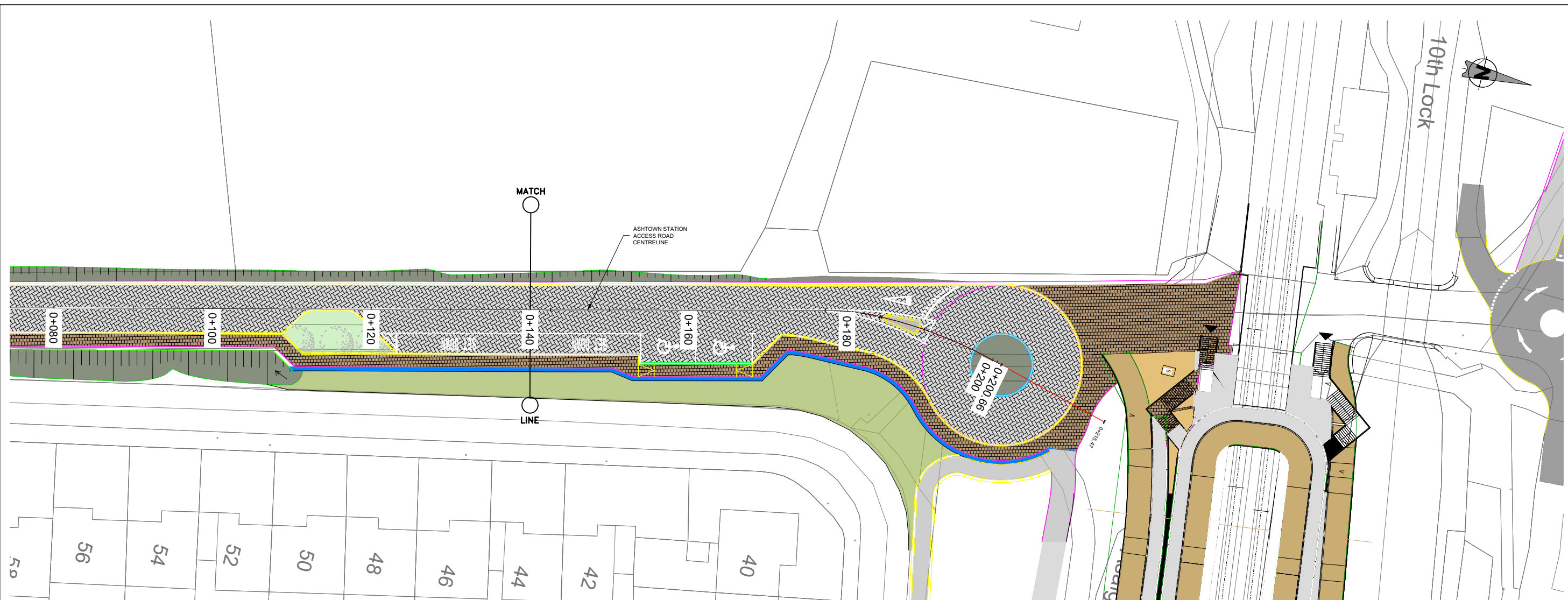
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Scale: 1:250 @ A1 1:500 @ A3

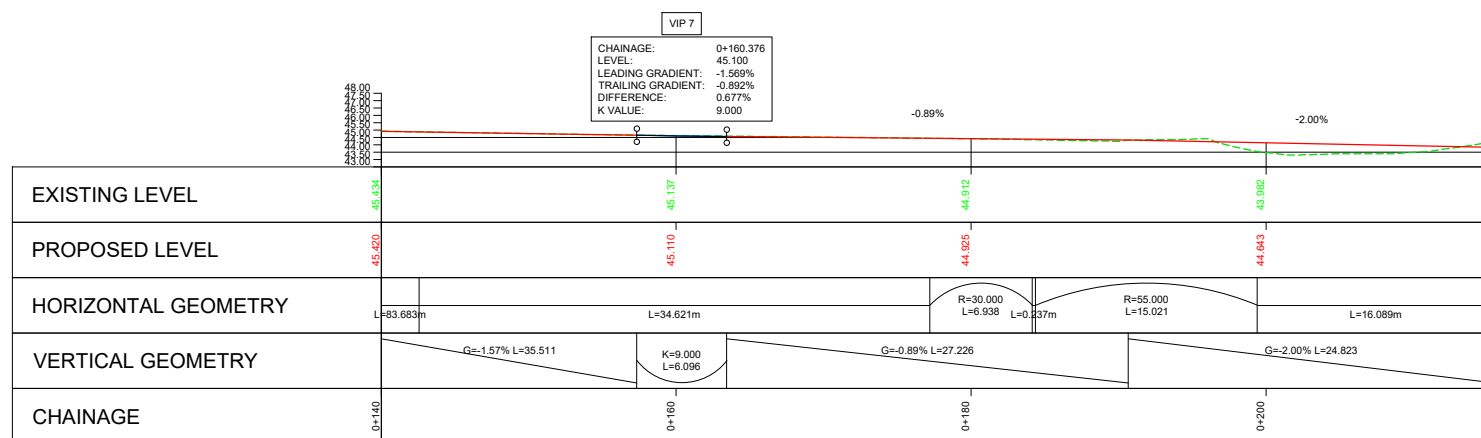
Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
 MAY ROD HRW LC01 DR C 0131 D

Date: April 2022 Job No: P/101086 Status: F1 - Approved & Accepted Rev: V 01 Sheet: 1 of 2

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ASHTOWN STATION ACCESS ROAD
 A1 SCALE 1:250
 A3 SCALE 1:500

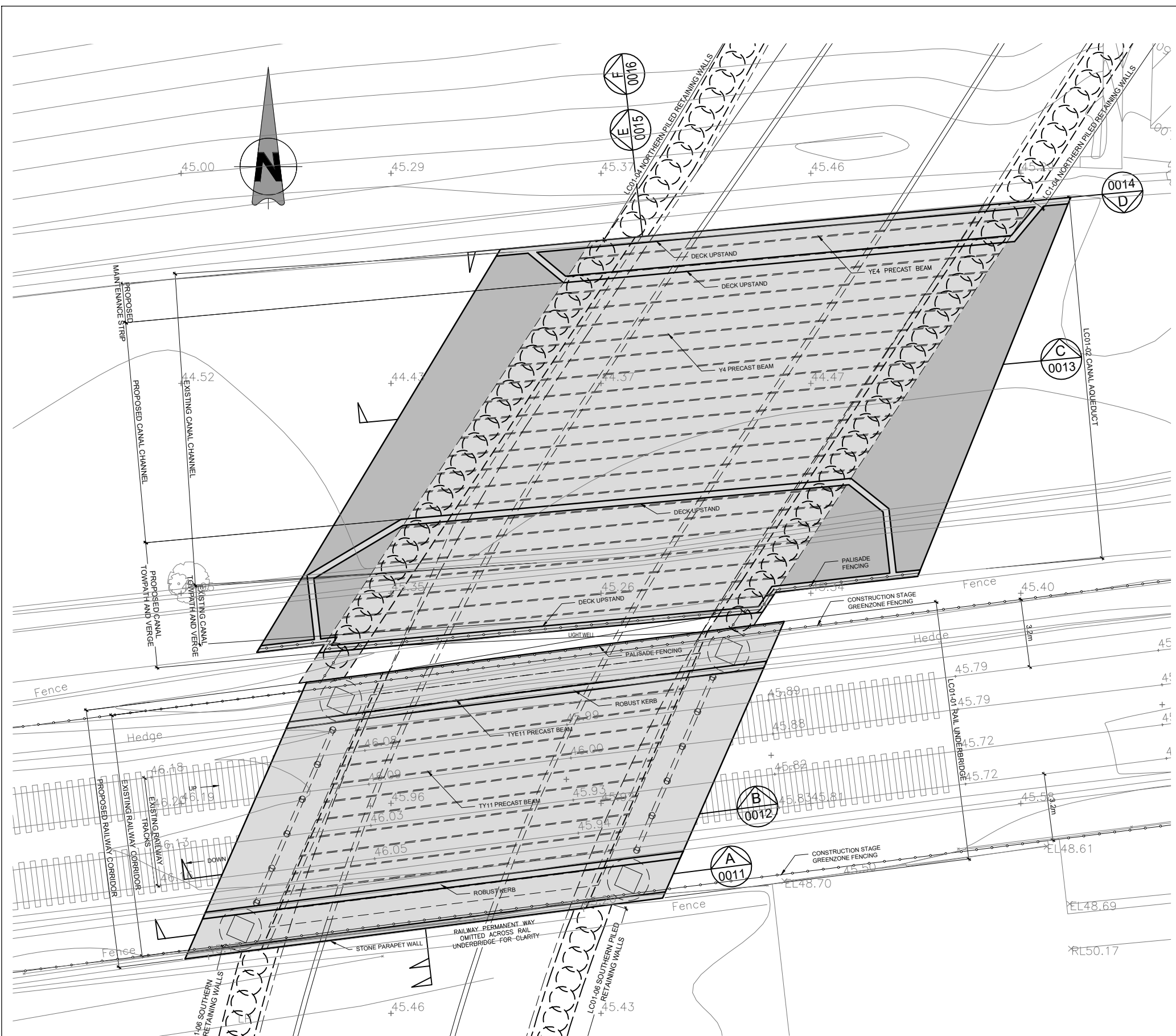


ASHTOWN STATION ACCESS ROAD
 A1 SCALE 1:250 HORIZONTAL
 A1 SCALE 1:250 VERTICAL

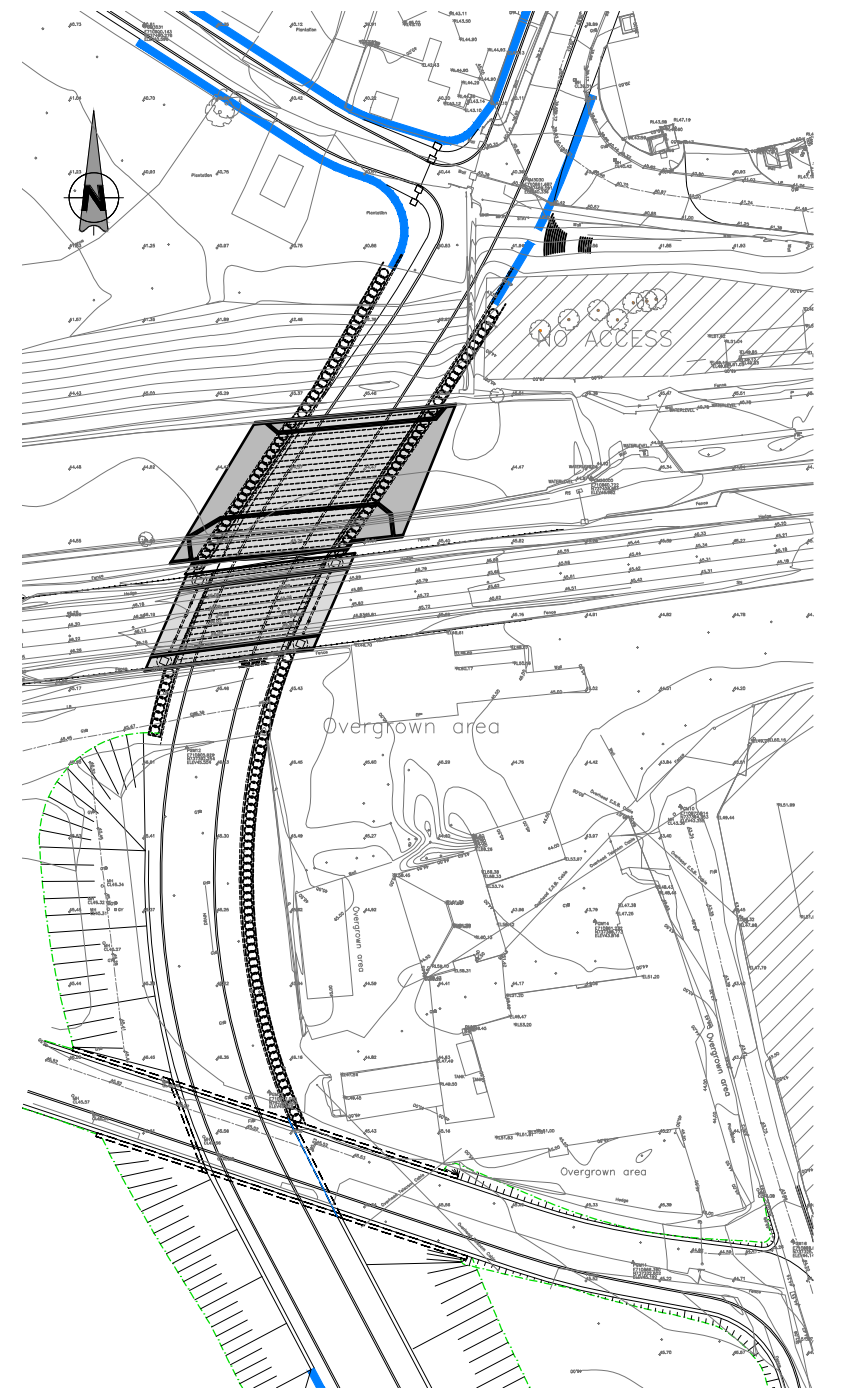
LEGEND:
 - - - - - PROPOSED ROAD CENTRELINE PROFILE
 - - - - - EXISTING GROUND ALONG ROAD CENTRELINE

Client	Tionscadal Éireann Project Ireland 2040			NTA Oibríocht Náisiúnta Iompar National Transport Authority			Iarnród Éireann Irish Rail		
Consultant	IDOM			G3			IROD		
Project	DART+ West								
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		
Date:	April 2022			Job No:			P/101086		
Rev:	V 01			Status:			F1 - Approved & Accepted		
Sheet:	2 of 2			Date:			April 2022		

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



PLAN
SCALE 1:100 A1
SCALE 1:200 A3



KEY PLAN
SCALE 1:500 A1
SCALE 1:1000 A3

- 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	Tionscald Eireann Project Ireland 2040		
Project	Iarnród Éireann Irish Rail		
Project	DART+ West		
Client	IDOM	G3	PROJOD
Consultant	IDOM G3 PROJOD		
OS	PC	TL	
REV.	DATE	DESCRIPTION	PRODUCED BY / REVIEWED BY / APPROVED BY
V01	April 2022	PLANNING ISSUE	

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

Project: DART+ West

Consultant: IDOM, G3, PROJOD

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

Drawing Number: MAY MDC STR LC01 DR C 0010 D

Date: April 2022

Job No: P/101086

Status: F1 - Approved & Accepted

Rev: V 01

Sheet: 01 of 02

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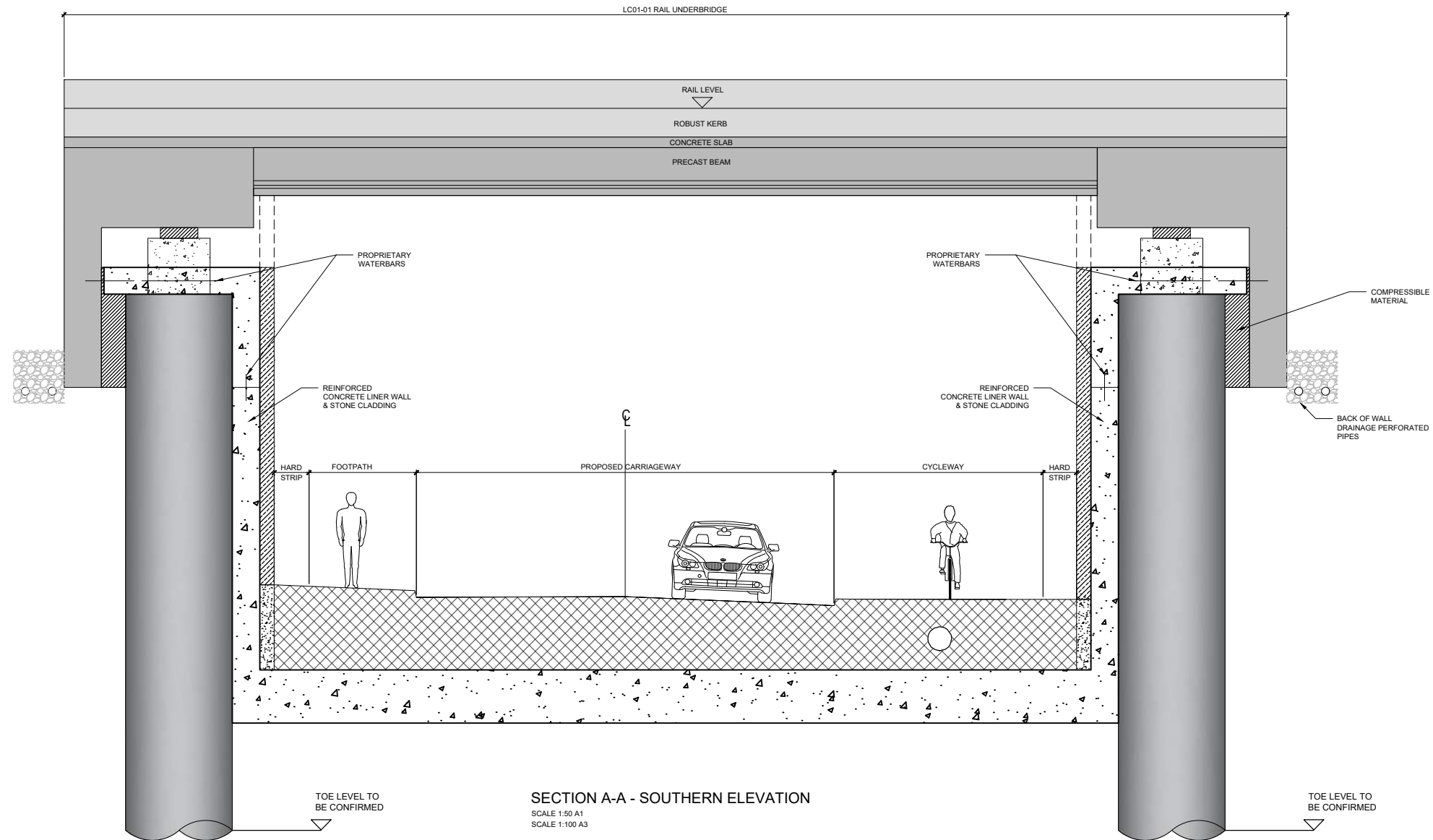
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLTG).

NOTES

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2. ALL LEVELS ARE IN METRES ABOVE NATIONAL ORDNANCE DATUM UNLESS NOTED OTHERWISE.
3. ALL GROUND STRATA INFORMATION AND GROUND WATER INFORMATION IS ASSUMED AND INDICATIVE. TO BE CONFIRMED FOLLOWING RECEIPT OF SITE SPECIFIC 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



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Client

Project

Consultant

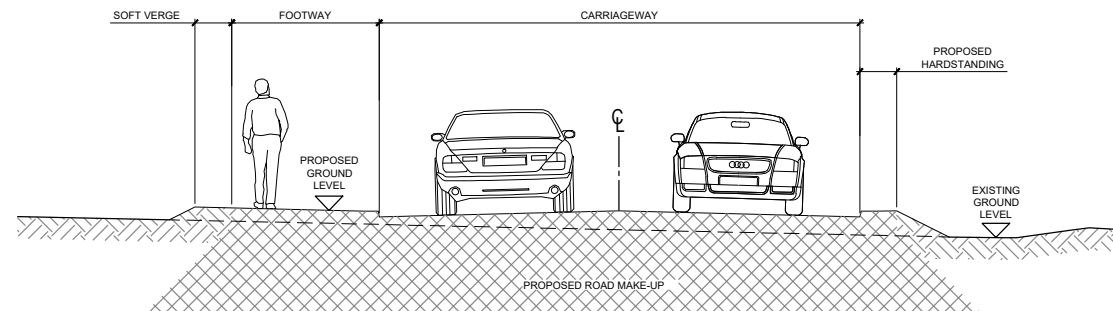
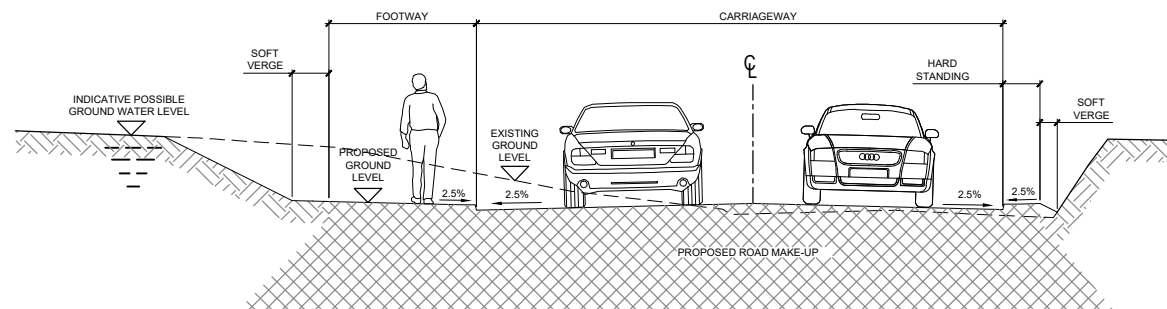
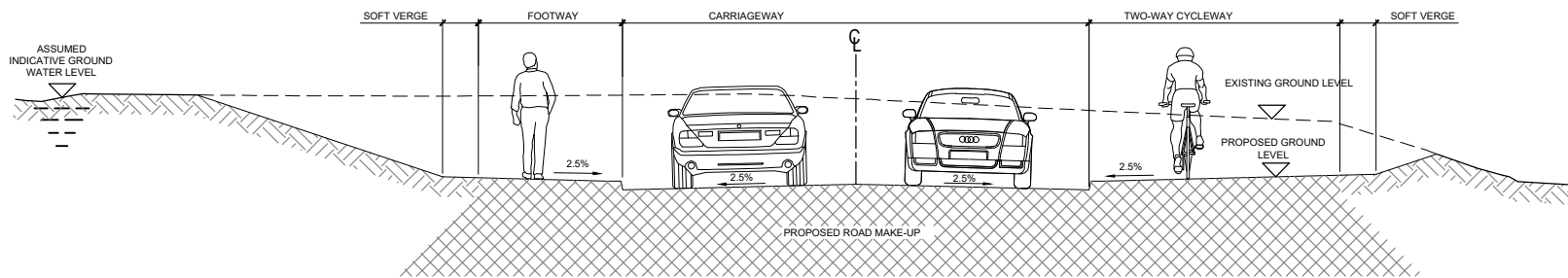
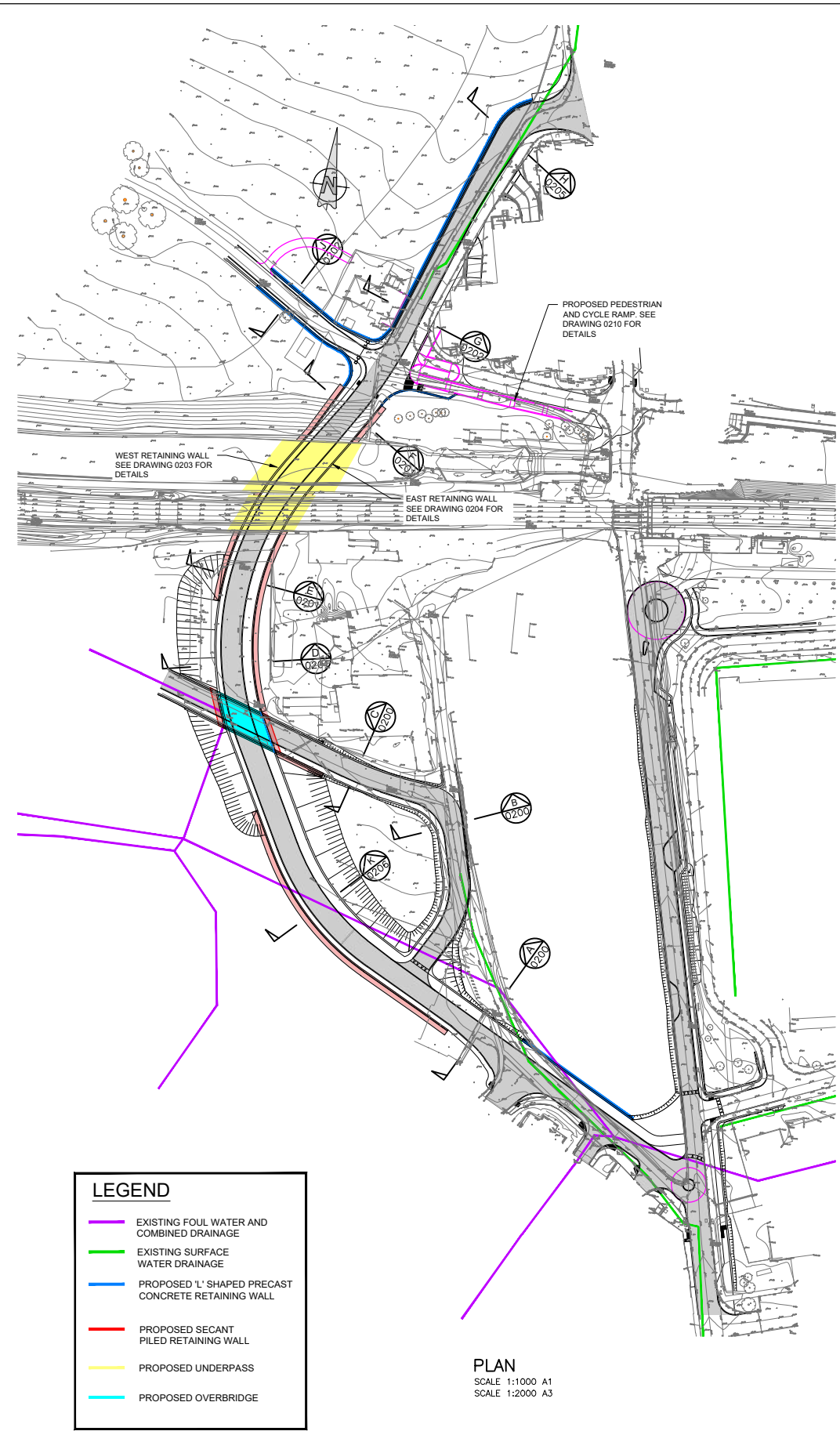
Drawing Title

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

Scale:

1:50 @ A1 1:100 @ A3

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



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

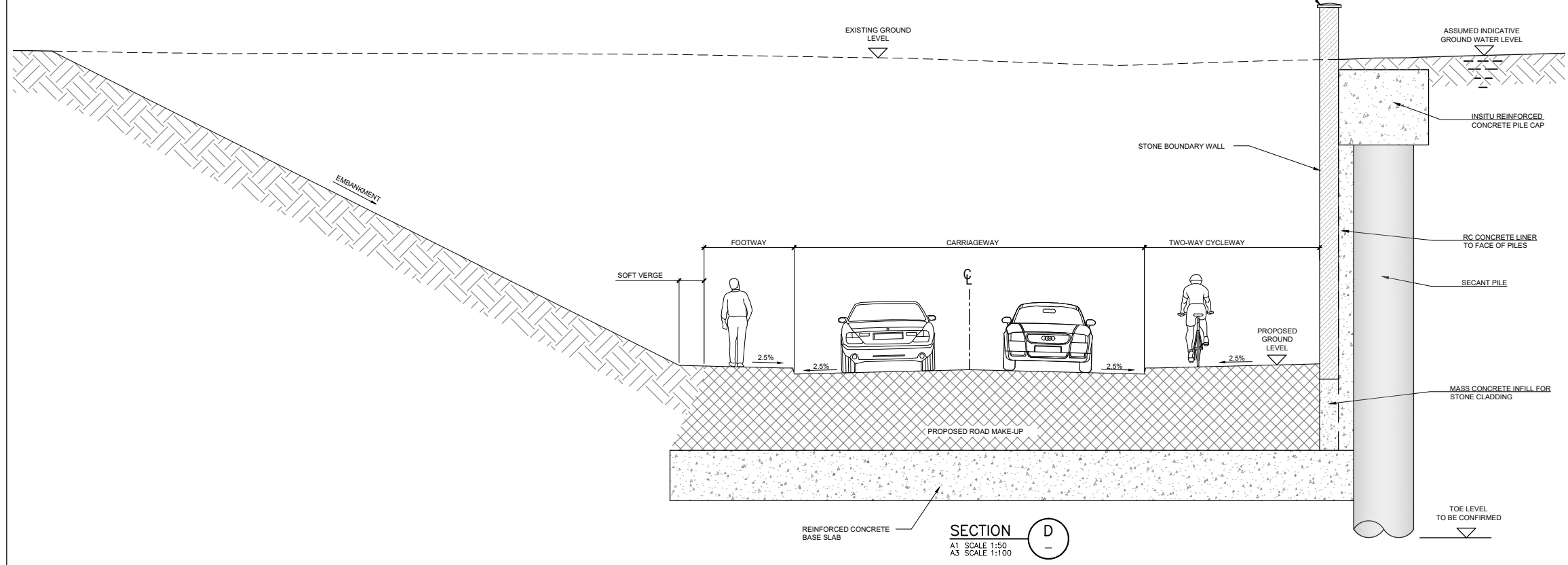
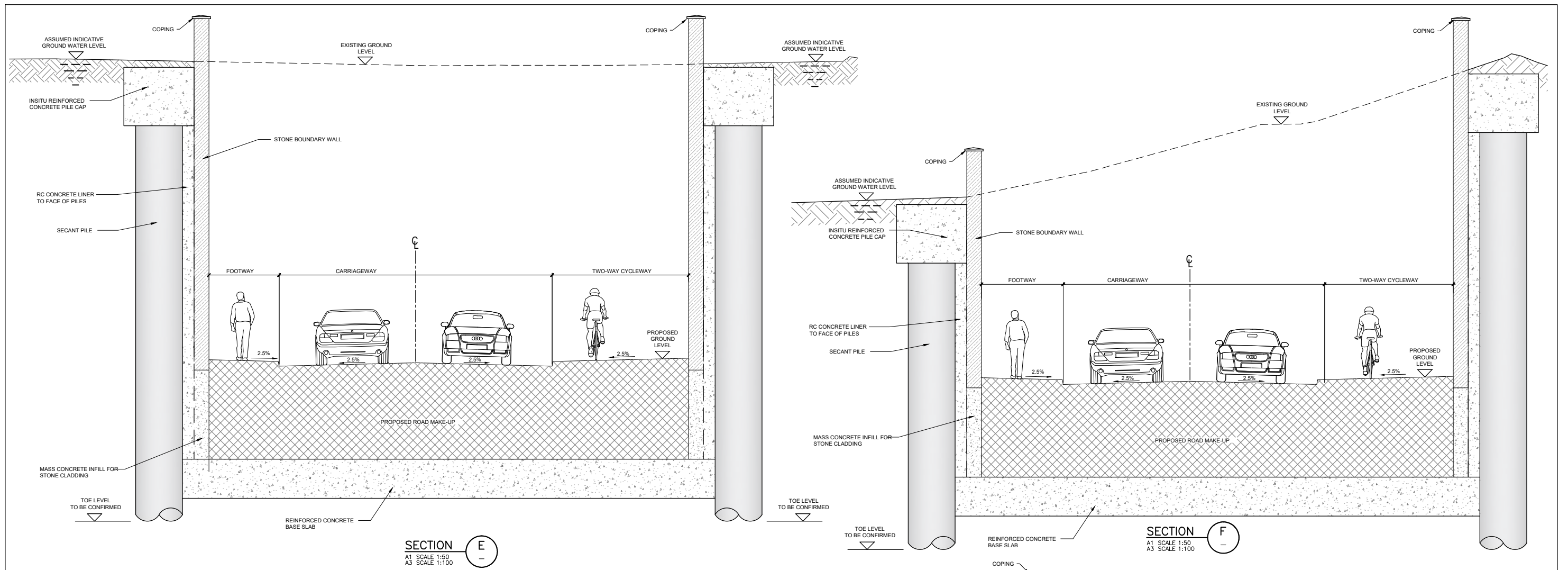
Client	Tionscald Eireann Project Ireland 2040			NTA Oibríoch Náisiúnta Iompar National Transport Authority			Iarnród Éireann Irish Rail		
Project	DART+ West								
Drawing Title	STRUCTURES DESIGN - LC01: ASHTOWN UNDERPASS - RETAINING WALLS GENERAL ARRANGEMENT - SECTIONS SHEET 1 OF 7								
Scale:	1:50 @ 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

Consultant

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Project

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- 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	Tionscatal Éireann Project Ireland 2040		
Consultant	IDOM	G3	PRODUCED BY REVIEWED BY APPROVED BY
Project	Iarnród Éireann Irish Rail		
Drawing Title	STRUCTURES DESIGN - LC01: ASHTOWN UNDERPASS - RETAINING WALLS GENERAL ARRANGEMENT - SECTIONS SHEET 2 OF 7		
Scale:	1:50 @ A1 1:100 @ A3		
Drawing Number	Project	Originator	Discipline
MAY	MDC	STR	LC01
DR	C	0201	D
Date:	Job No:	Status:	Rev:
April 2022	P/101086	F1 - Approved & Accepted	V 01
Sheet: 02 of 07			

Client: Tionscatal Éireann Project Ireland 2040, NTA (National Transport Authority), Iarnród Éireann Irish Rail

Project: DART+ West

Consultant: IDOM, G3, IROD

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

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

Drawing Number: MAY MDC STR LC01 DR C 0201 D

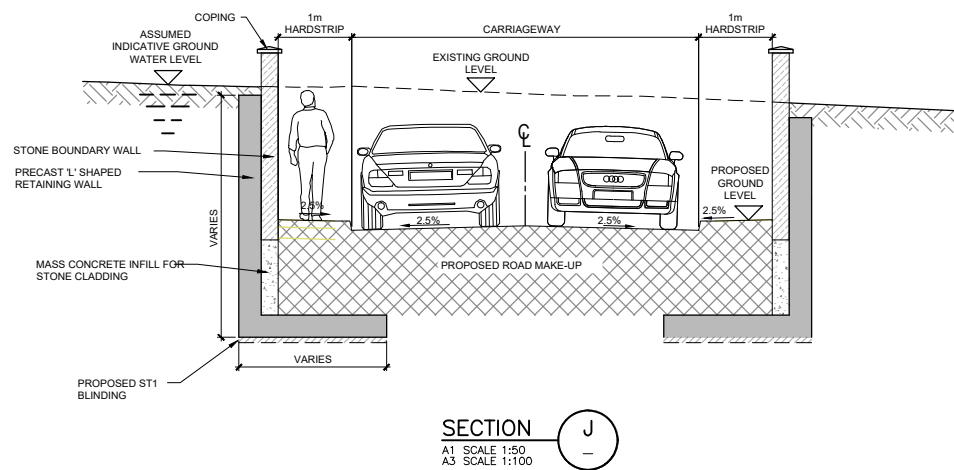
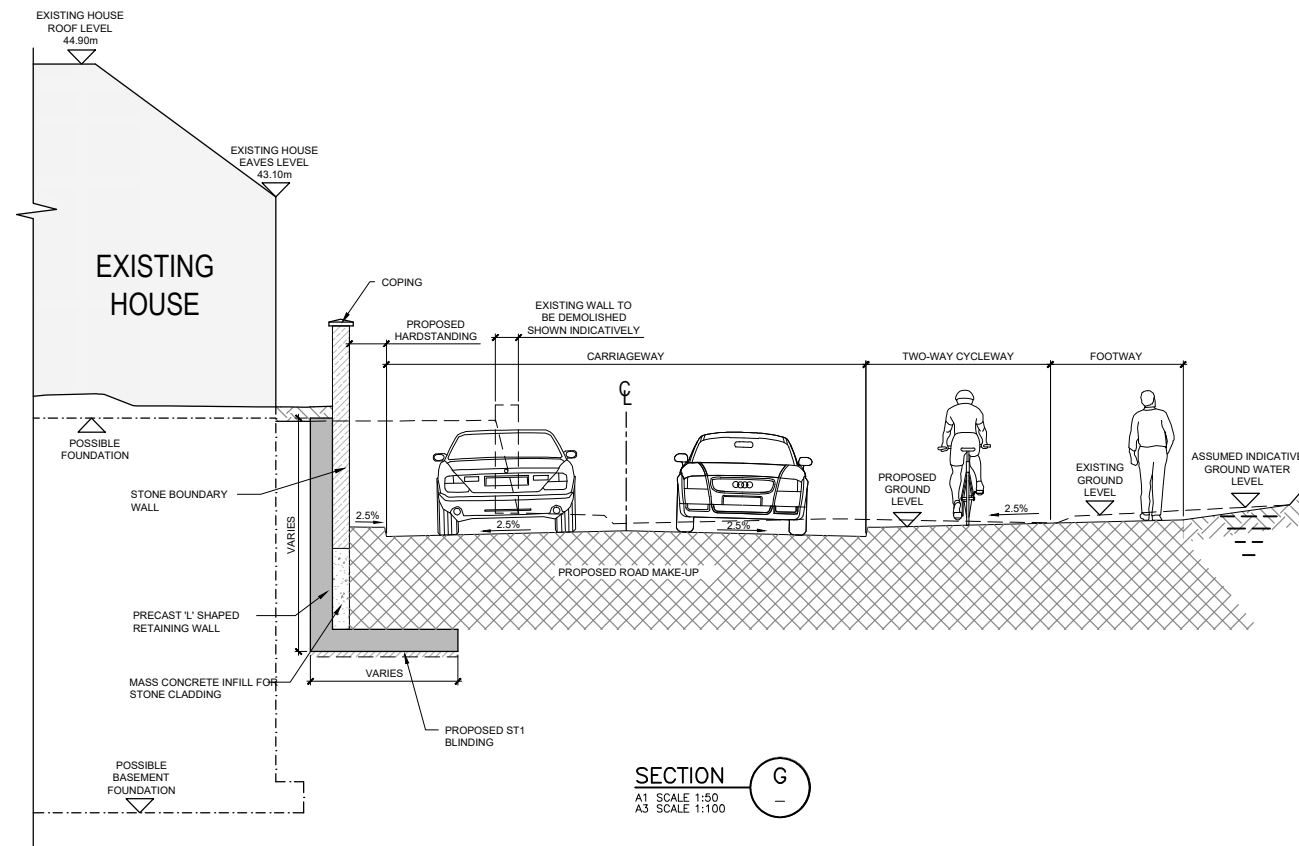
Date: April 2022 Job No: P/101086 Status: F1 - Approved & Accepted Rev: V 01 Sheet: 02 of 07

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4. FOR ROAD DRAWINGS REFER TO MDC DRAWING NUMBER SERIES MAY-MDC-HRW-LC01-DR-C-0001 to 0005



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Client

Project

Consultant

Drawing Title

STRUCTURES DESIGN - LC01: ASHTOWN UNDERPASS - RETAINING WALLS
 GENERAL ARRANGEMENT - SECTIONS
 SHEET 3 OF 7

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

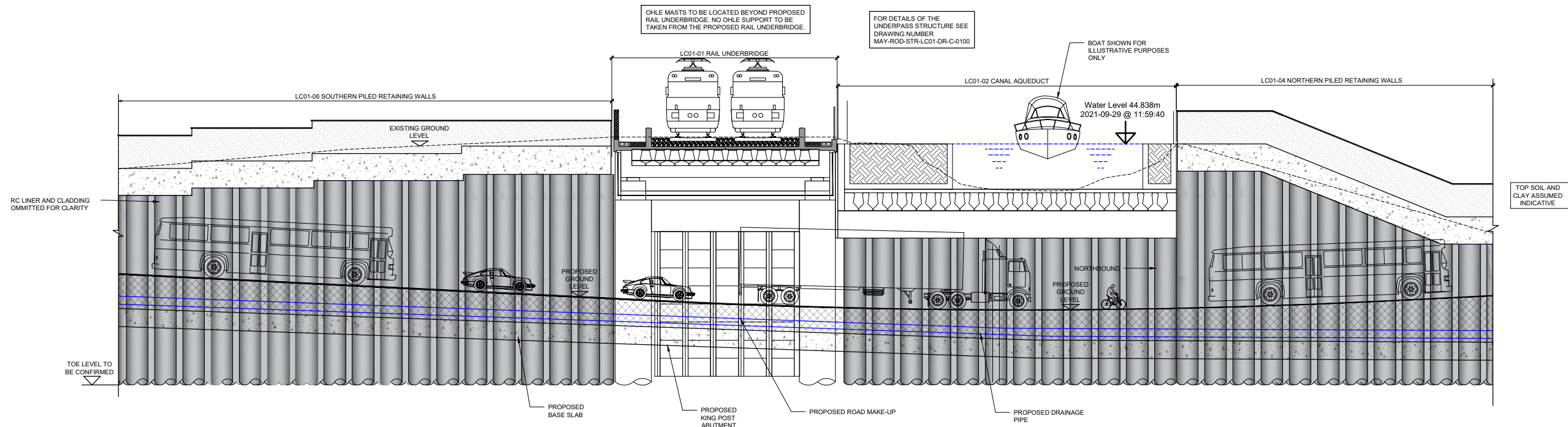
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MAY MDC STR LC01 DR C 0202							D	D
Date:	Job No:	Status:	Rev:					
April 2022	P/101086	F1 - Approved & Accepted	V 01	Sheet: 03 of 07				

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REFERENCE INFORMATION

1. TOPOGRAPHICAL SURVEY INFORMATION TAKEN FROM DRAWING NUMBER MAY-PCA-VTO-SW_AE-M2-VT-3022
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



ELEVATION WEST RETAINING WALL

A1 SCALE 1:125
A3 SCALE 1:250

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Client

Project

Consultant

Drawing Title

STRUCTURES DESIGN - LC01: ASHTOWN UNDERPASS - RETAINING WALLS
WEST ELEVATION
SHEET 4 OF 7

Scale:

1:50 @ A1 1:100 @ A3

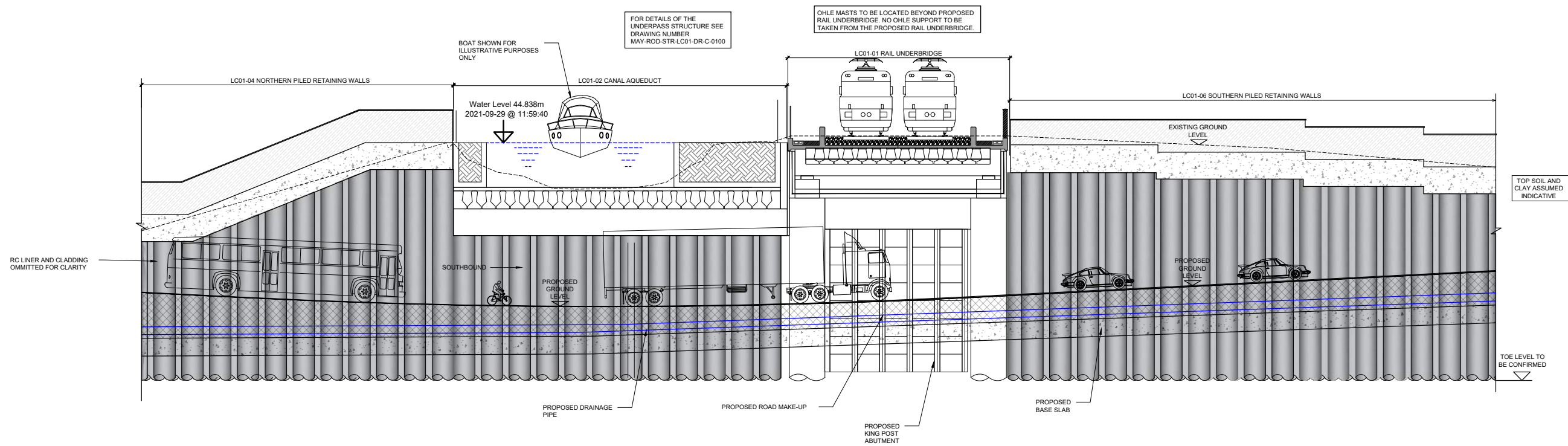
Date:	April 2022	Job No:	P/101086	Status:	F1 - Approved & Accepted	Rev:	V 01	Sheet:	04 of 07
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REFERENCE INFORMATION

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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



ELEVATION EAST RETAINING WALL

A1 SCALE 1:125
A3 SCALE 1:250

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Client

Project

Consultant

Project

Drawing Title
**STRUCTURES DESIGN - LC01: ASHTOWN UNDERPASS - RETAINING WALLS
EAST ELEVATION
SHEET 5 OF 7**

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

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC STR LC01 DR C 0204 D

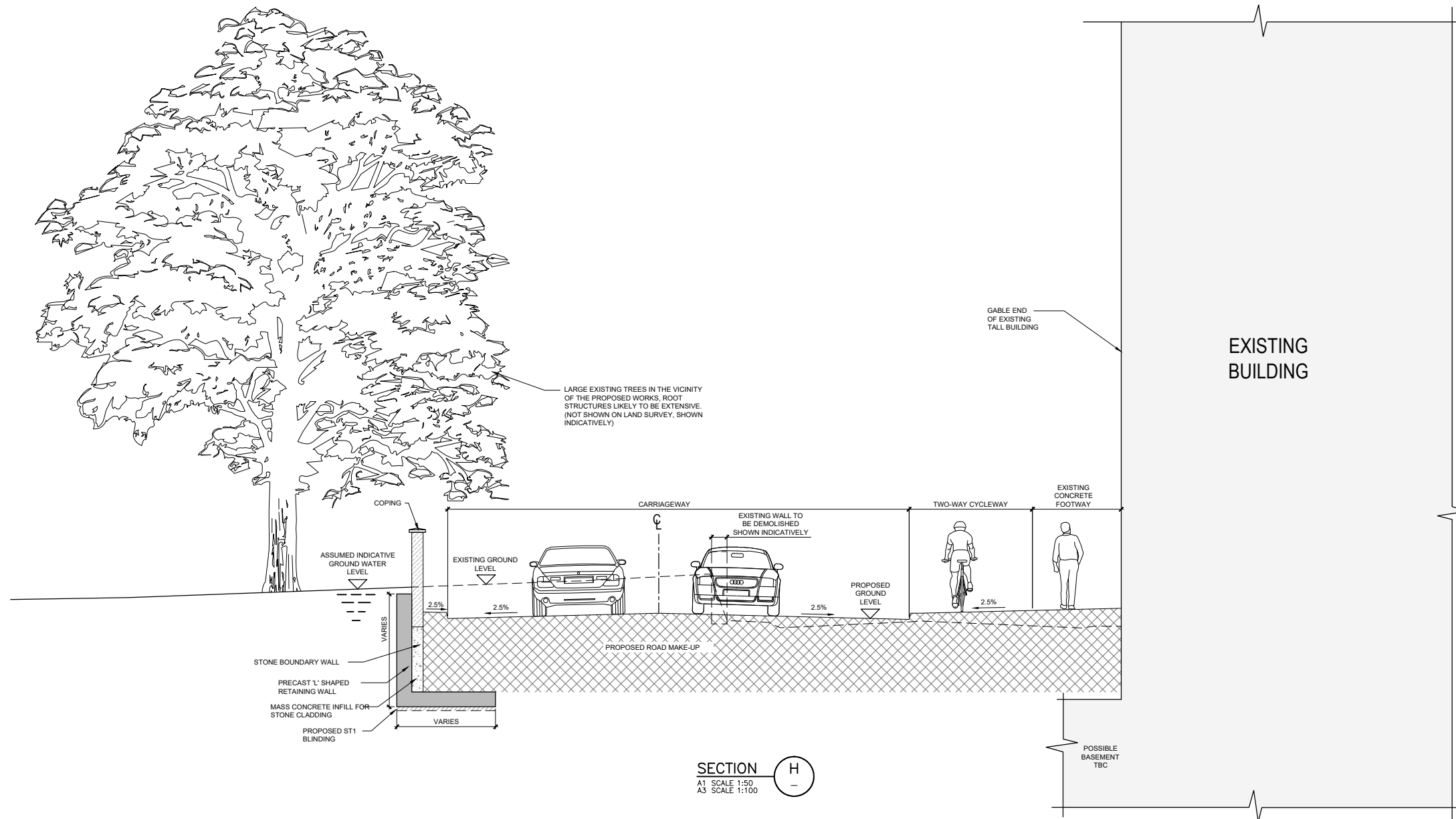
Date: April 2022 Job No: P/101086 Status: F1 - Approved & Accepted Rev: V 01 Sheet: 05 of 07

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SECTION H
 A1 SCALE 1:50
 A3 SCALE 1:100

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Client

Project

Consultant

Drawing Title

STRUCTURES DESIGN - LC01: ASHTOWN UNDERPASS - RETAINING WALLS
 GENERAL ARRANGEMENT - SECTIONS
 SHEET 6 OF 7

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

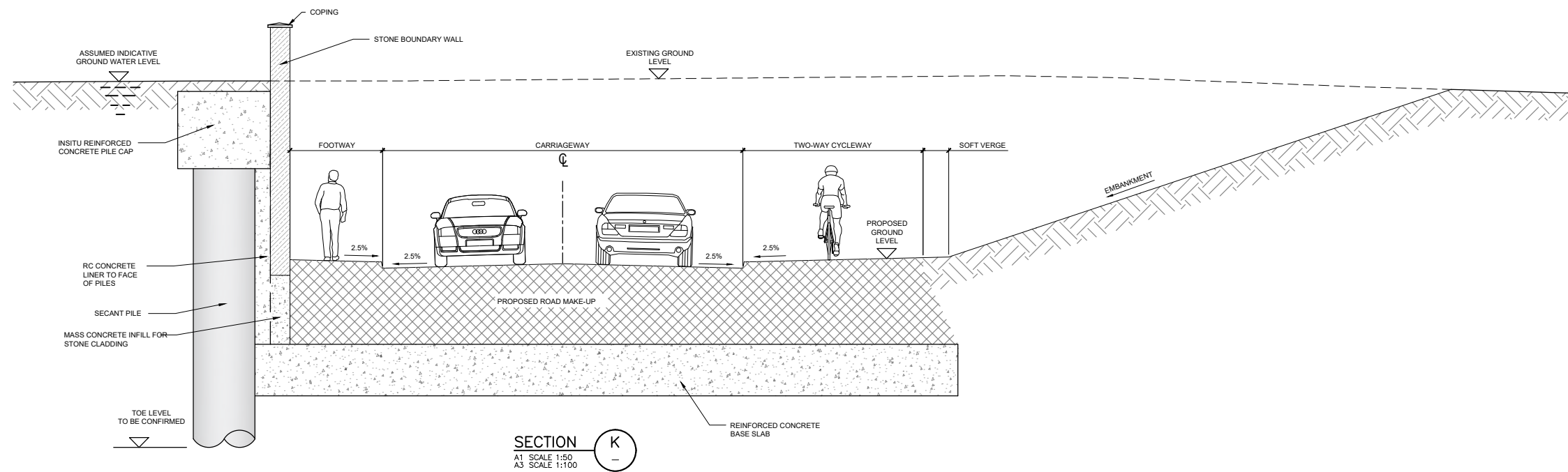
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MAY MDC STR LC01 DR C 0205							0205	D
Date:	Job No:	Status:	Rev:					
April 2022	P/101086	F1 - Approved & Accepted	V 01	Sheet: 06 of 07				

NOTES

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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



SECTION K
A1 SCALE 1:50
A3 SCALE 1:100

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Client

Project

Consultant

Drawing Title

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

Scale:

1:50 @ A1 1:100 @ A3

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
MAY	MDC	STR	LC01	DR	C	0206	D	
Date:	Job No:	Status:	Rev:					
April 2022	P/101086	F1 - Approved & Accepted	V 01	Sheet: 07 of 07				