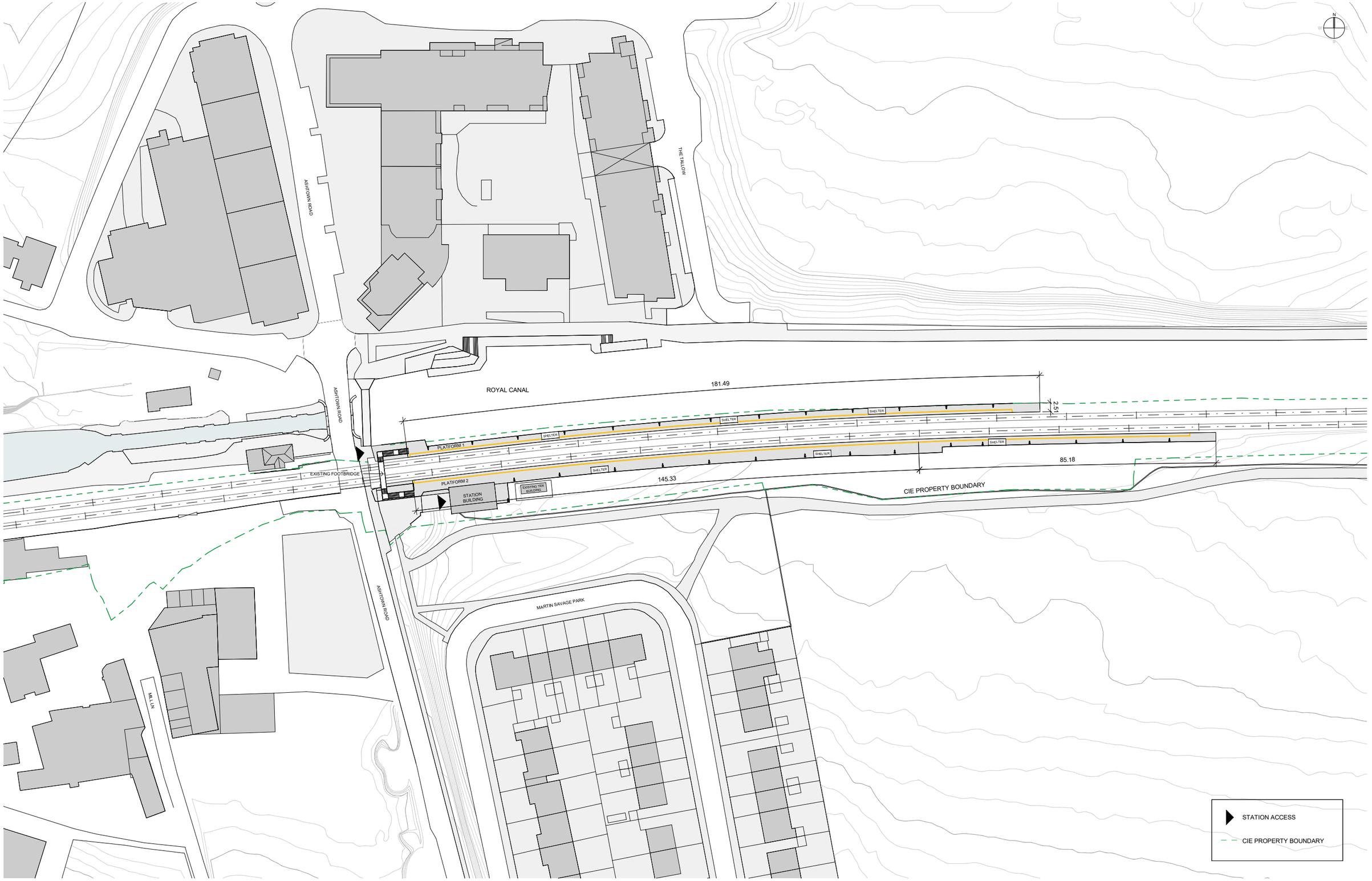


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Client: Tionscadal Éireann Project Ireland 2040 | NTA Údarás Náisiúnta Iompair National Transport Authority | Iarnród Éireann Irish Rail

Consultant: IDOM | C3 | ROD ROBOGHAN & O'DONOVAN

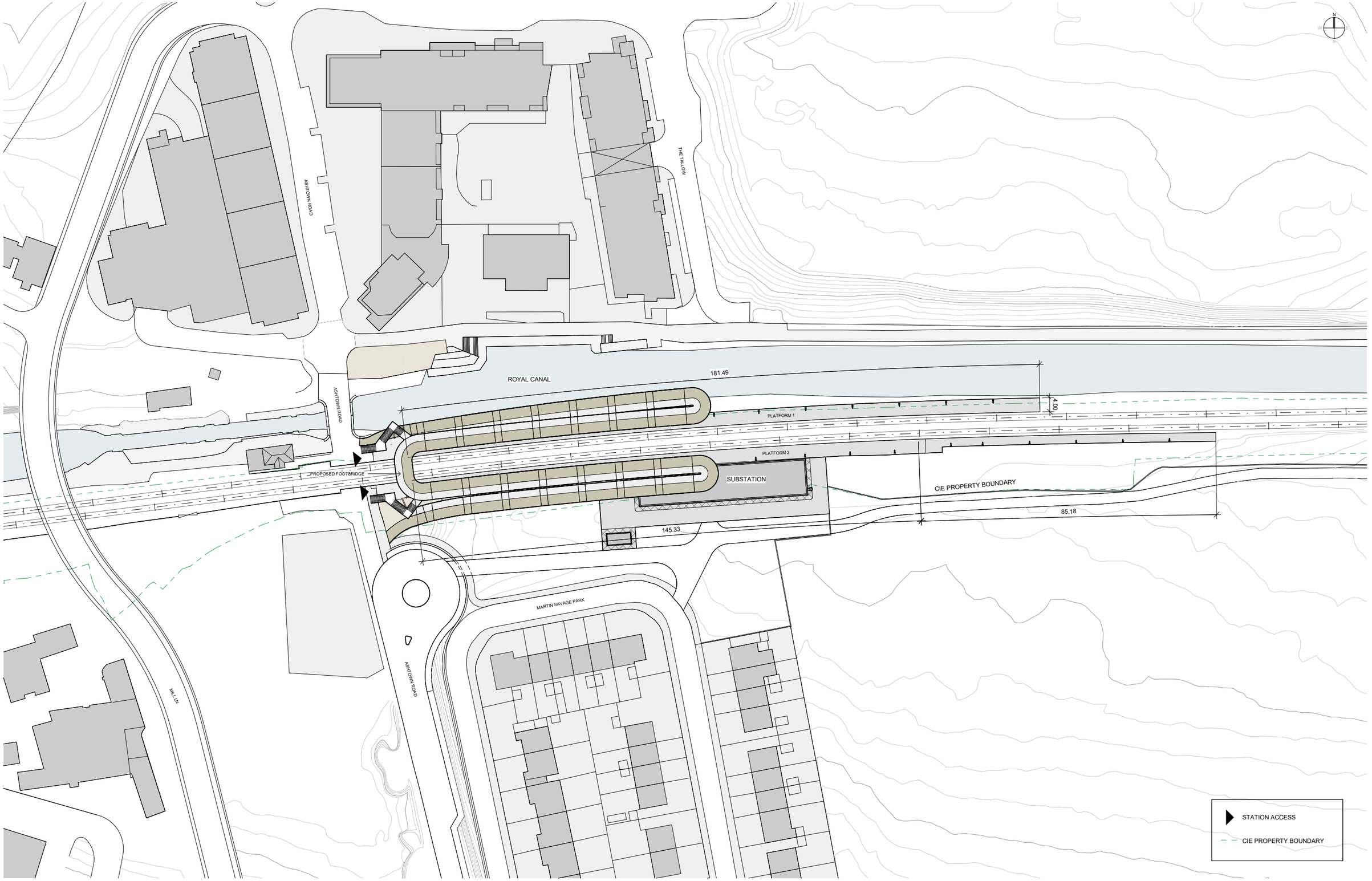
Project: DART+ West

Drawing Title: STATION DESIGN
ASHTOWN STATION
STATION LOCATION. EXISTING

Scale: 1:500 @ A1 - 1:1000 @ A3
0 5 10 20

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	RS07	DR	A	0001	D

Date:	Job No:	Status:	Rev:	Sheet:
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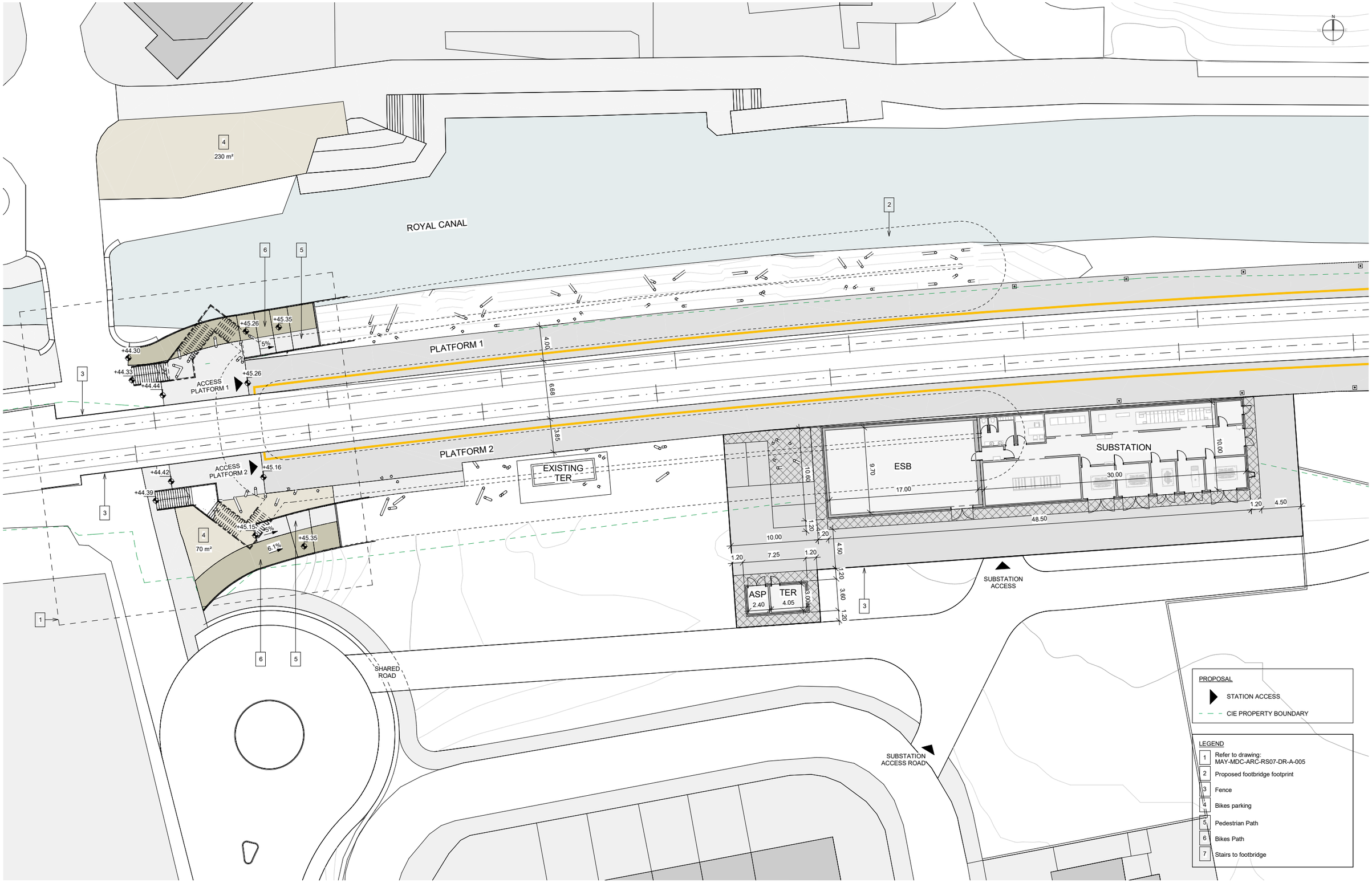
Project: DART+ West

Drawing Title
STATION DESIGN
ASHTOWN STATION
STATION LOCATION. PROPOSED

Scale: 1:500 @ A1 - 1:1000 @ A3
0 5 10 20

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	RS07	DR	A	0001	D

Date:	Job No:	Status:	Rev:	Sheet:
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PROPOSAL

- STATION ACCESS
- CIE PROPERTY BOUNDARY

LEGEND

1. Refer to drawing: MAY-MDC-ARC-RS07-DR-A-005
2. Proposed footbridge footprint
3. Fence
4. Bikes parking
5. Pedestrian Path
6. Bikes Path
7. Stairs to footbridge

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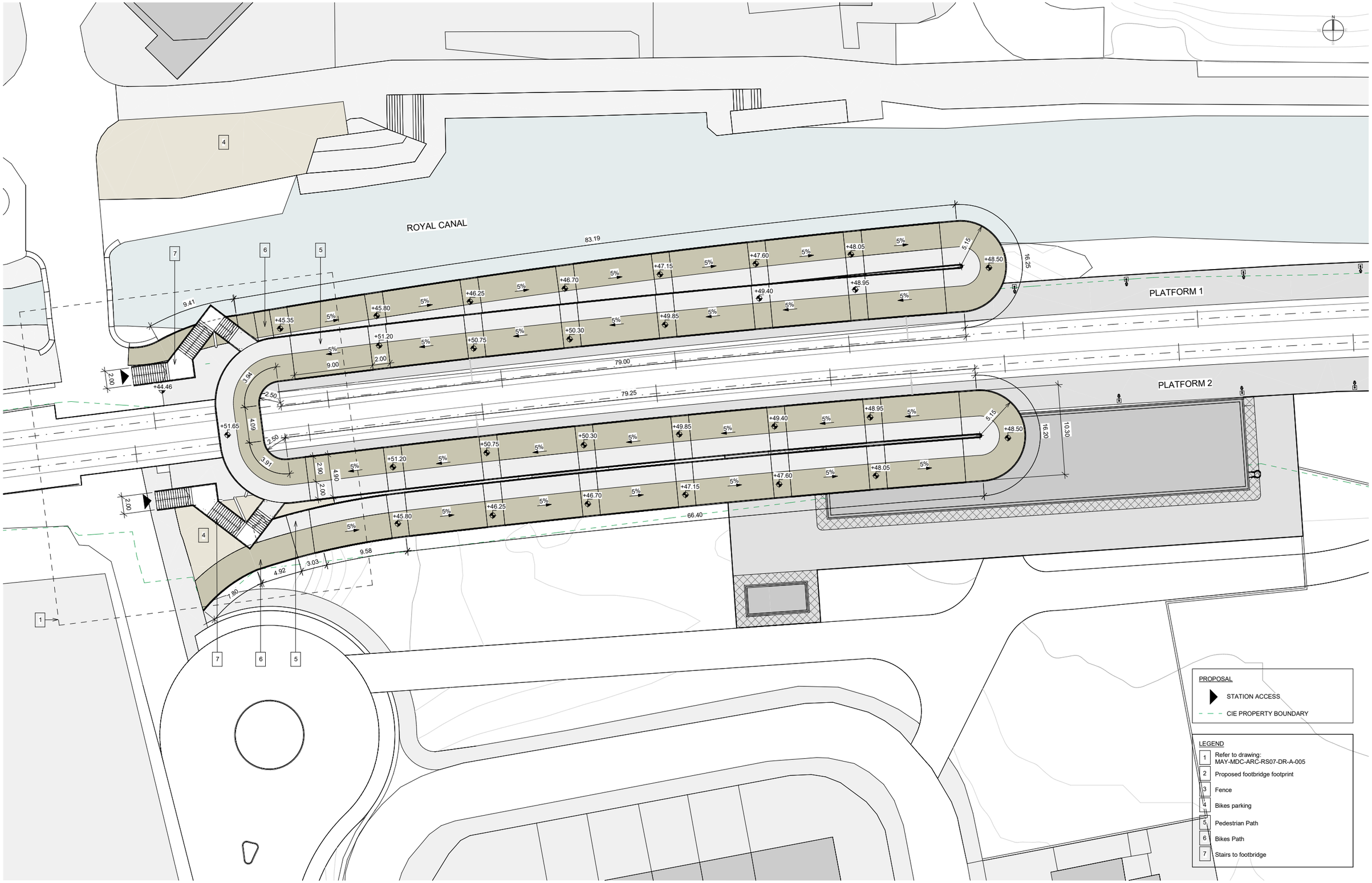
Project: DART+ West

Drawing Title: STATION DESIGN
ASHTOWN STATION
PLATFORM LEVEL PLAN

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

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	RS07	DR	A	0003	D

Date:	Job No:	Status:	Rev:	Sheet:
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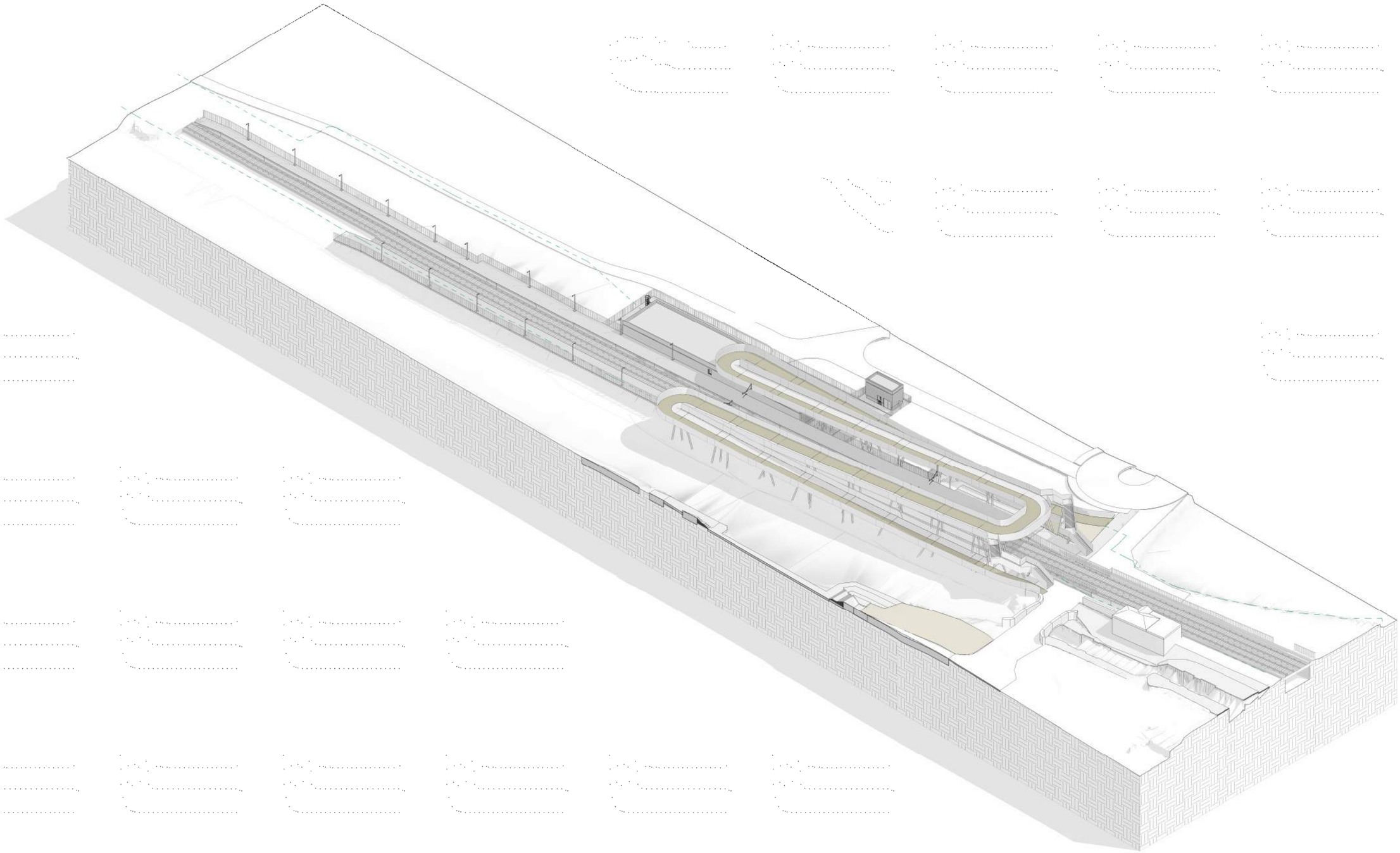
Project: DART+ West

Drawing Title: STATION DESIGN
ASHTOWN STATION
PLATFORM LEVEL PLAN

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

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	RS07	DR	A	0003	D

Date:	Job No:	Status:	Rev:	Sheet:
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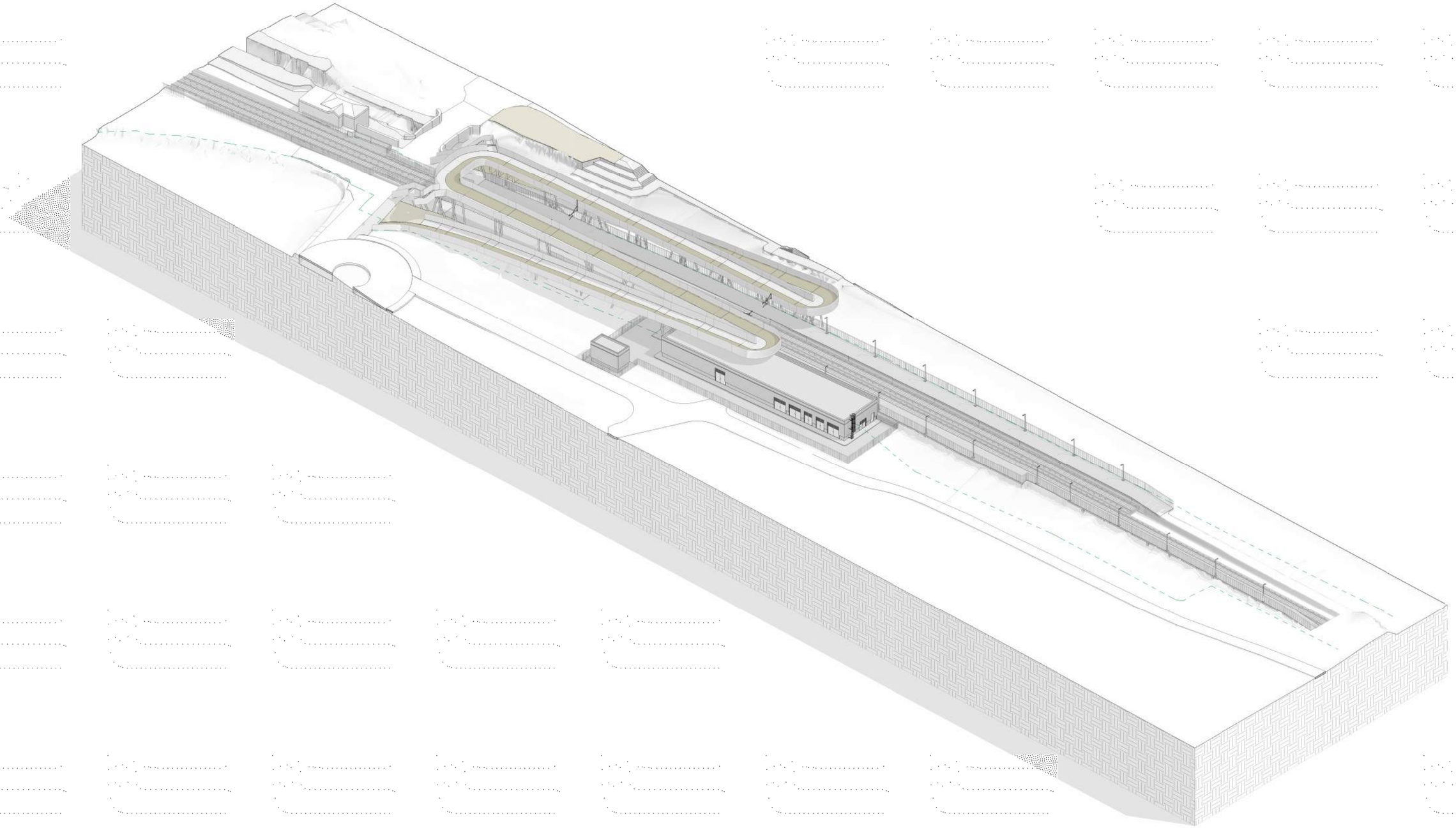
Project: DART+ West

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: 1 of 2



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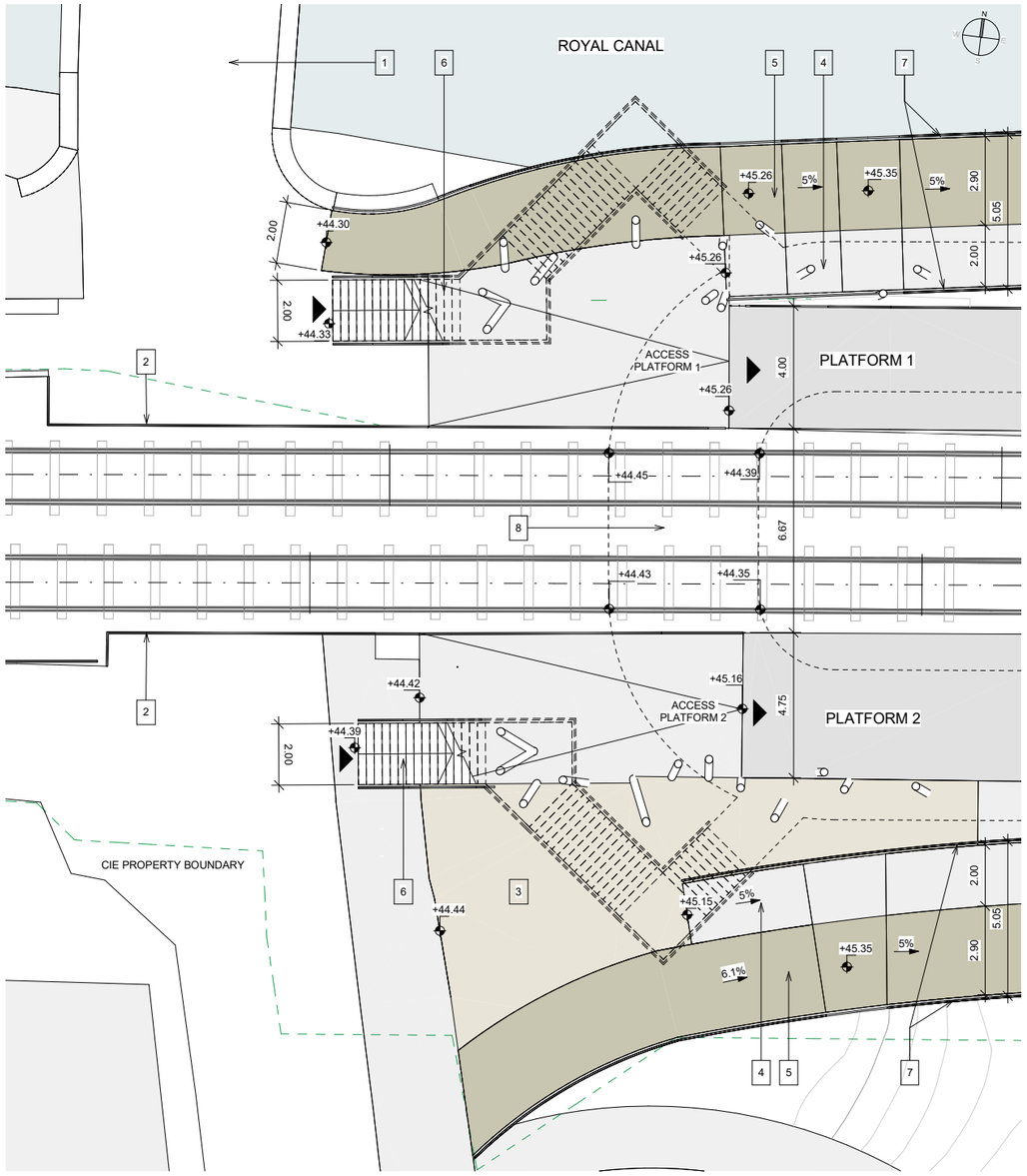
Project: DART+ West

Drawing Title: STATION DESIGN
ASHTOWN STATION
AXONOMETRIC VIEW

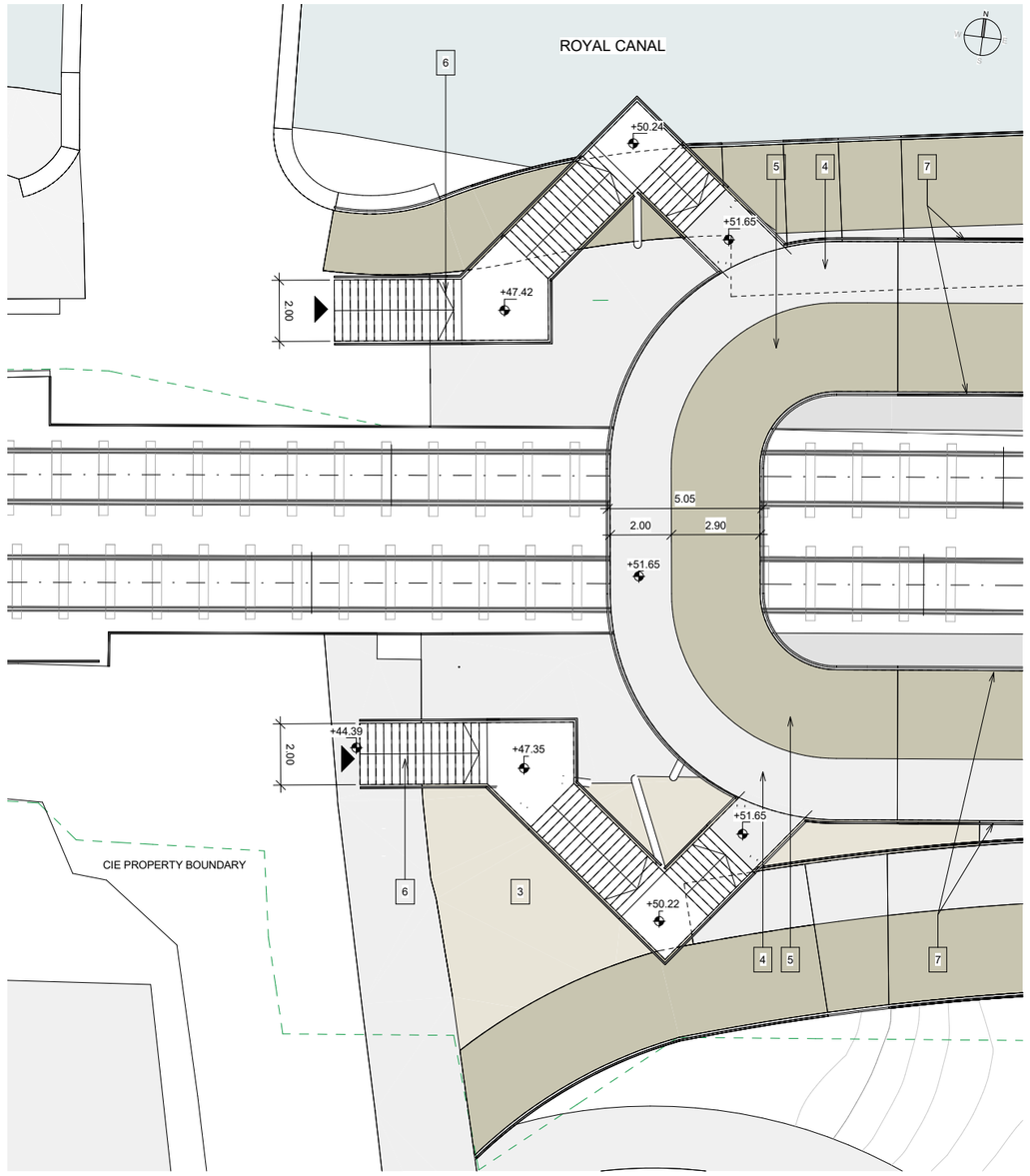
Scale: 1:-- @ A1 - 1:-- @A3

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	RS07	DR	A	0004	D

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



1 | Platform level
Scale 1 : 100



2 | Footbridge Level
Scale 1 : 100

LEGEND

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

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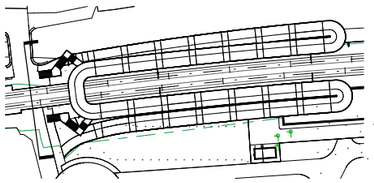
Project: DART+ West

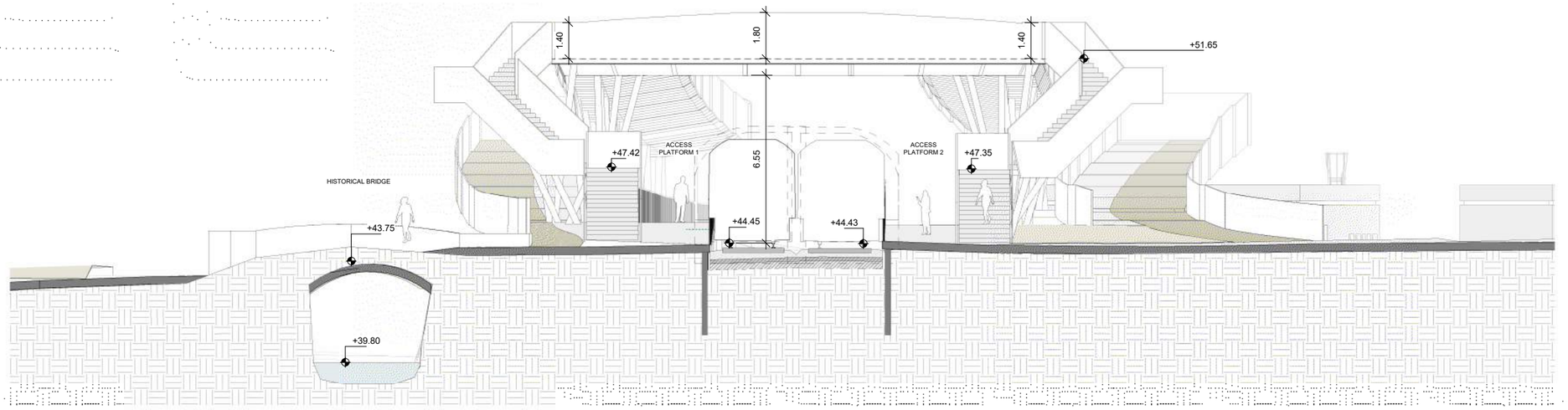
Drawing Title
STATION DESIGN
ASHTOWN STATION
FOOTBRIDGE. PLANS

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

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	RS07	DR	A	0005	D

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





1 | Footbridge Elevation
Scale 1 : 100

NOTES

1. The retaining system will bedefined 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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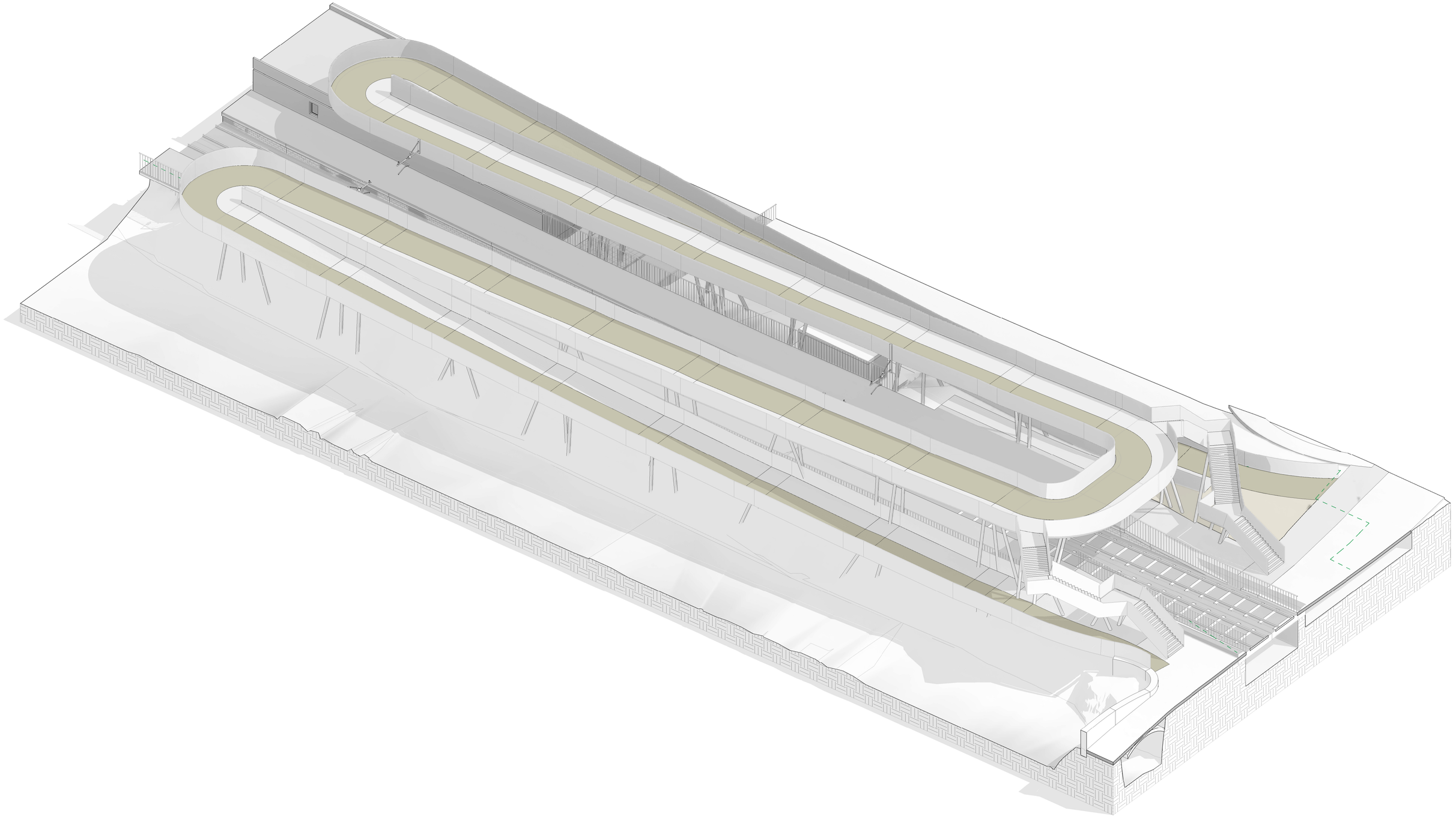
Project: DART+ West

Drawing Title: STATION DESIGN
ASHTOWN STATION
FOOTBRIDGE. ELEVATION

Scale: 1:100 @ A1 - 1:200 A3
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: April 2022 | Job No: P/101086 | Status: F1 - Approved & accepted | Rev: V01 | Sheet: 1 of 1



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Client

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Consultant

IDOM | C3 | ROD ROUGHAN & O'DONOVAN

Project

DART+ West

Drawing Title

STATION DESIGN
ASHTOWN STATION
FOOTBRIDGE. AXONOMETRIC VIEWS

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

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

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

NOTES

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

LEGEND

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

SHEET 1 OF 4 1:250@A1;1:500@A3

SHEET 2 OF 4 1:250@A1;1:500@A3

SHEET 3 OF 4 1:250@A1;1:500@A3

SHEET 4 OF 4 1:250@A1;1:500@A3

SHEET 4 OF 4 1:250@A1;1:500@A3

REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
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Consultant: IDOM | C3 | ROD Roughan & O'Donovan

Project: DART+ West

Drawing Title: ROADWORKS DESIGN - LC01: ASHTOWN
GENERAL ARRANGEMENT
SHEET LAYOUT

Scale: 1:250 @ A1 1:500 @ A3
0 5 12.5 25 50

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC HRW LC01 DR C 0100 D

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

NOTES

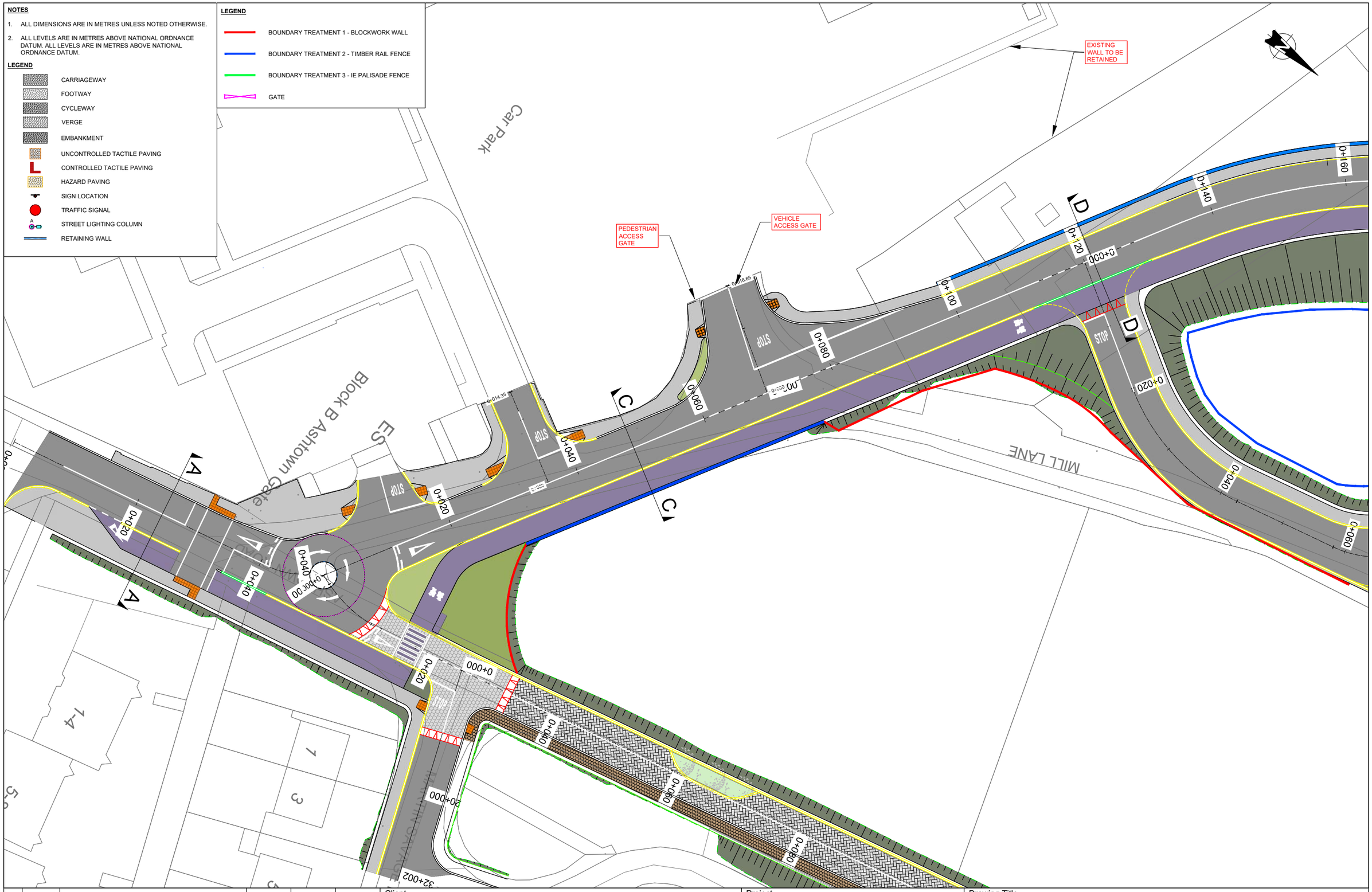
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LEGEND

- 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



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Consultant: IDOM | C3 | ROD Fougnan & O'Donovan

Project: DART+ West

Drawing Title: ROADWORKS DESIGN - LC01: ASHTOWN
GENERAL ARRANGEMENT
SHEET 1 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 0101 D

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

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

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Consultant: IDOM | G3 | ROD Roughan & O'Donovan

Project: DART+ West

Drawing Title: ROADWORKS DESIGN - LC01: ASHTOWN GENERAL ARRANGEMENT SHEET 2 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 0102 D

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

NOTES

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

LEGEND

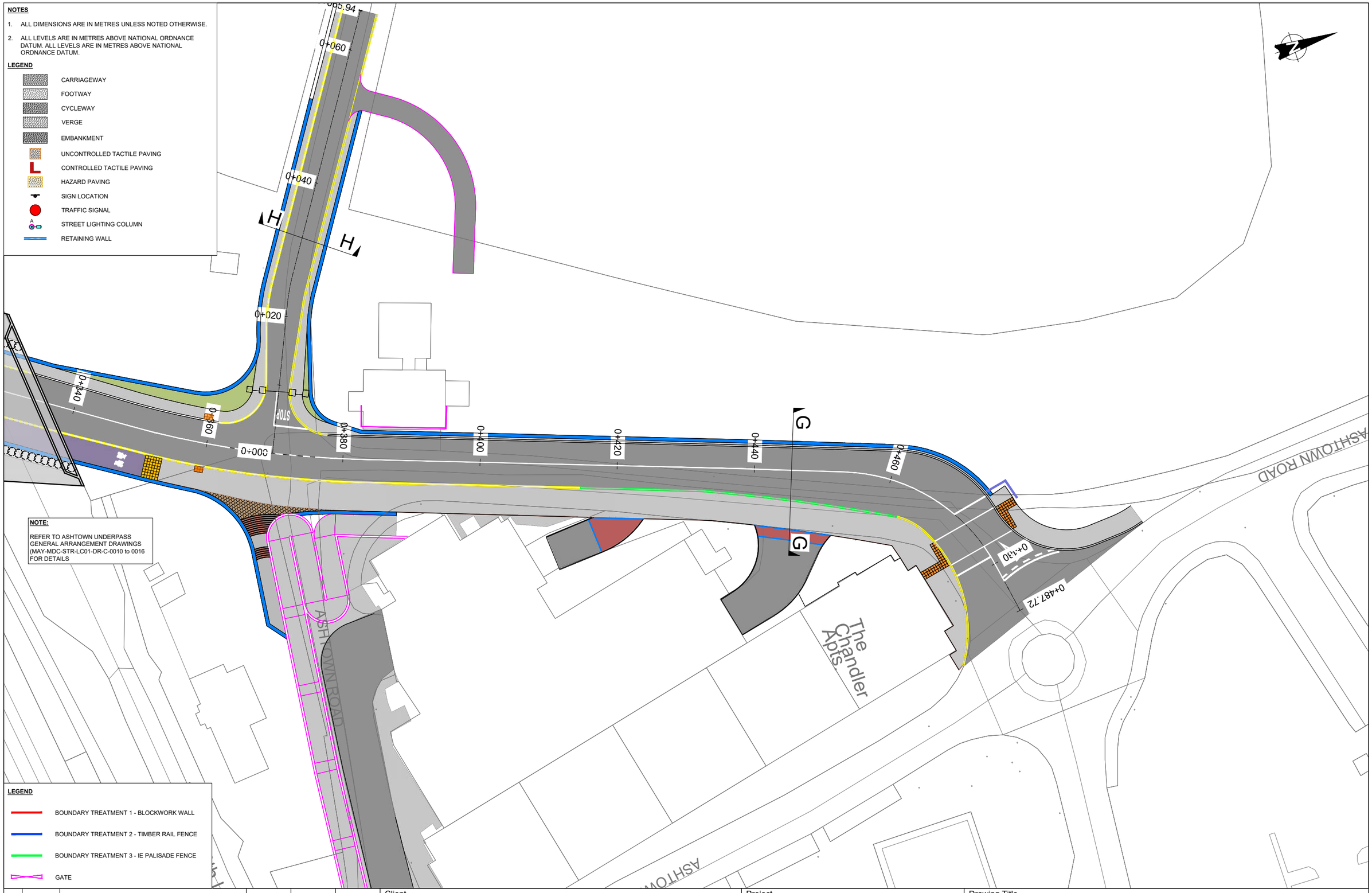
- CARRIAGEWAY
- FOOTWAY
- CYCLEWAY
- VERGE
- EMBANKMENT
- UNCONTROLLED TACTILE PAVING
- CONTROLLED TACTILE PAVING
- HAZARD PAVING
- SIGN LOCATION
- TRAFFIC SIGNAL
- STREET LIGHTING COLUMN
- RETAINING WALL

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



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Client: Tionscadal Éireann Project Ireland 2040 | NTA National Transport Authority | Iarnród Éireann Irish Rail

Consultant: IDOM | G3 | ROD Roughan & O'Donovan

Project: DART+ West

Drawing Title: ROADWORKS DESIGN - LC01: ASHTOWN GENERAL ARRANGEMENT SHEET 3 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 0103 D

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

NOTES

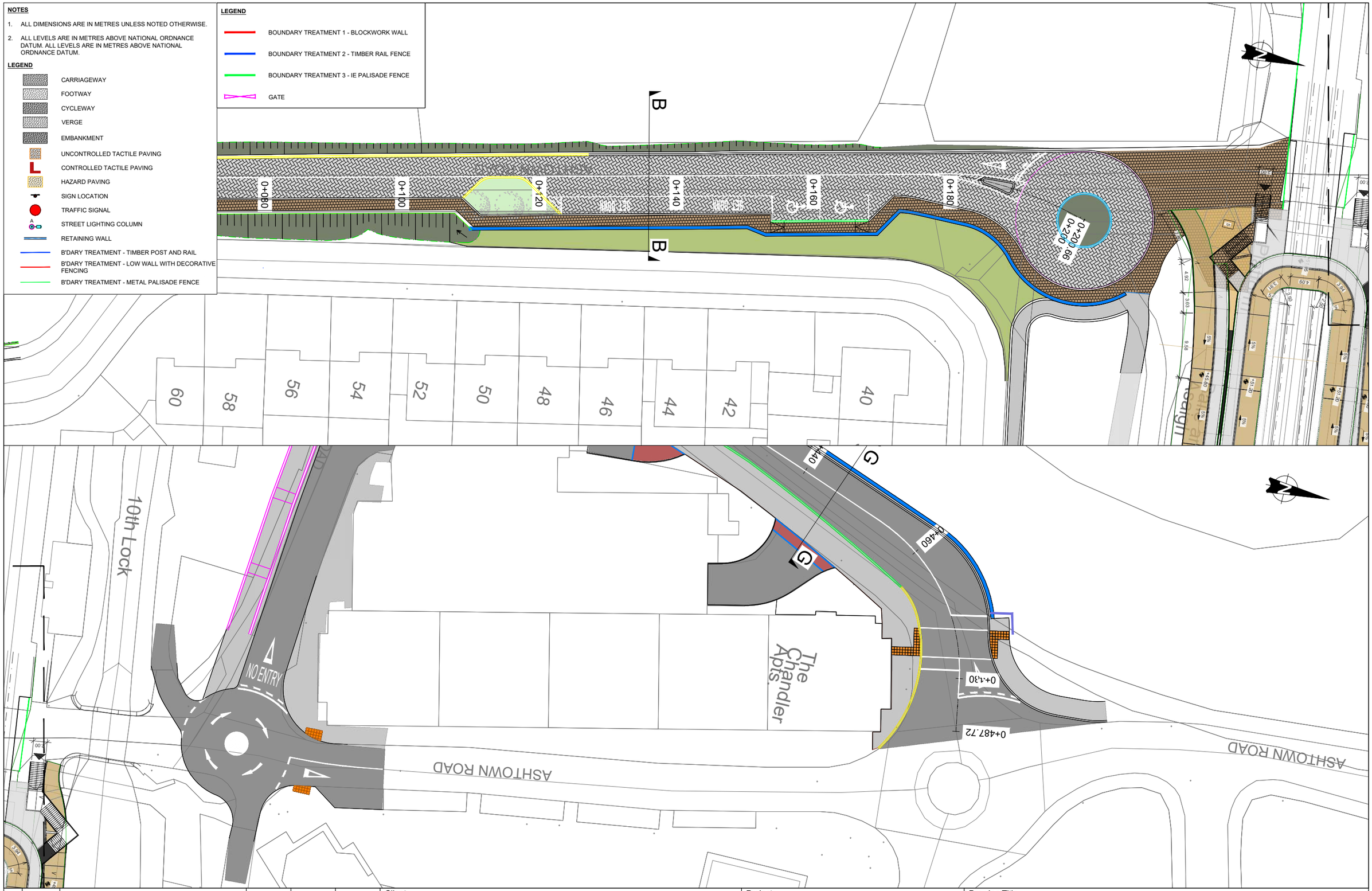
1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
2. ALL LEVELS ARE IN METRES ABOVE NATIONAL ORDNANCE DATUM. ALL LEVELS ARE IN METRES ABOVE NATIONAL ORDNANCE DATUM.

LEGEND

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



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

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Client: Tionscadal Éireann Project Ireland 2040 | NTA Údarás Náisiúnta Iompair National Transport Authority | Iarnród Éireann Irish Rail

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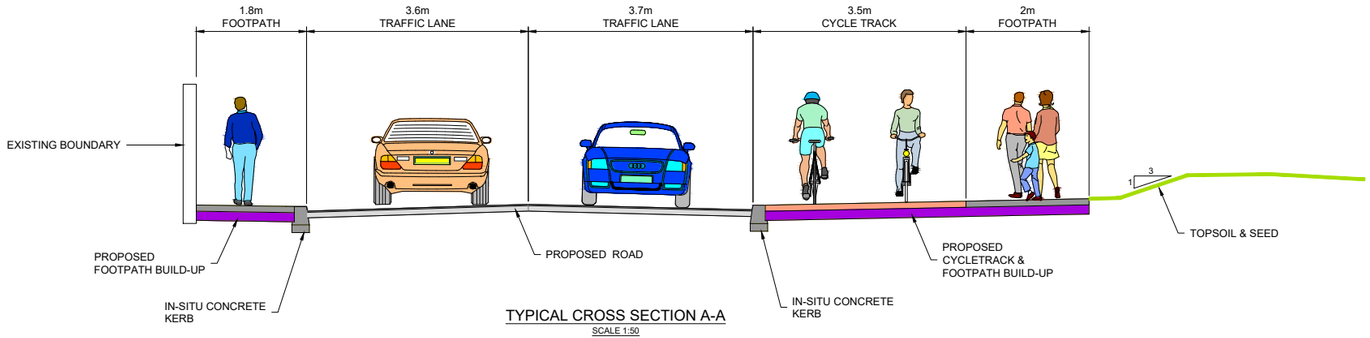
Project: DART+ West

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

Scale: 1:250 @ A1 1:500 @ A3
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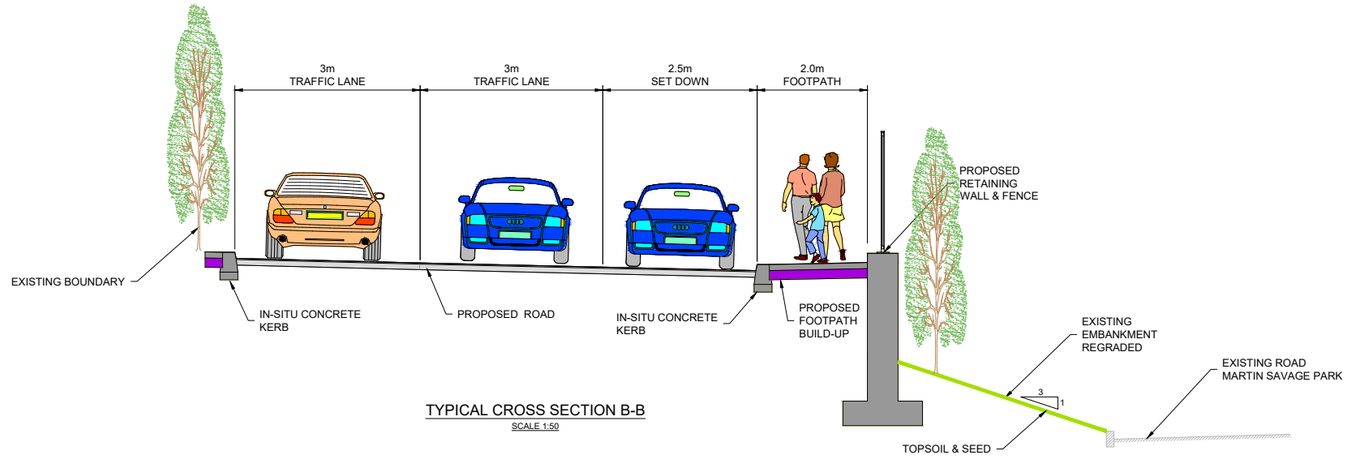
Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC HRW LC01 DR C 0104 D

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



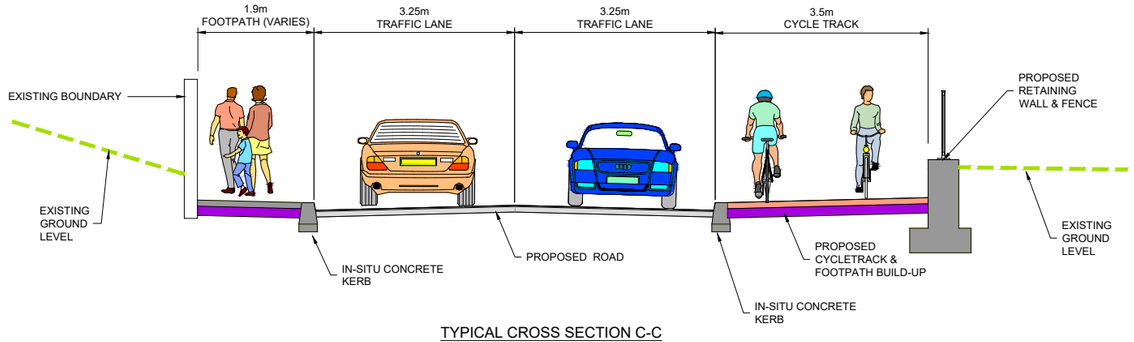
TYPICAL CROSS SECTION A-A

SCALE 1:50



TYPICAL CROSS SECTION B-B

SCALE 1:50



TYPICAL CROSS SECTION C-C

SCALE 1:50

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.

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Client: Tionscadal Éireann Project Ireland 2040 | NTA Údarás Náisiúnta Iompair National Transport Authority | Iarnród Éireann Irish Rail

Consultant: IDOM | G3 | ROD Roughan & O'Donovan

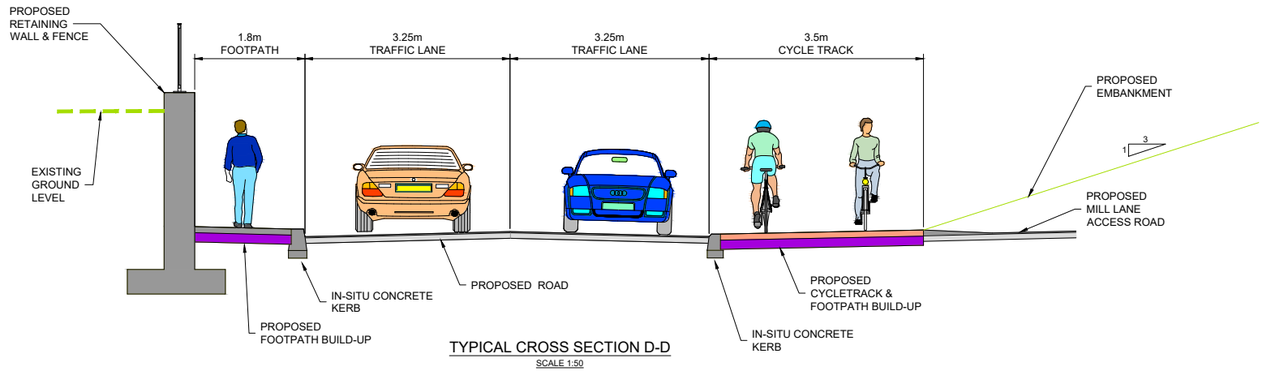
Project: DART+ West

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

Scale: 1:50 @ A1 1:100 @ A3
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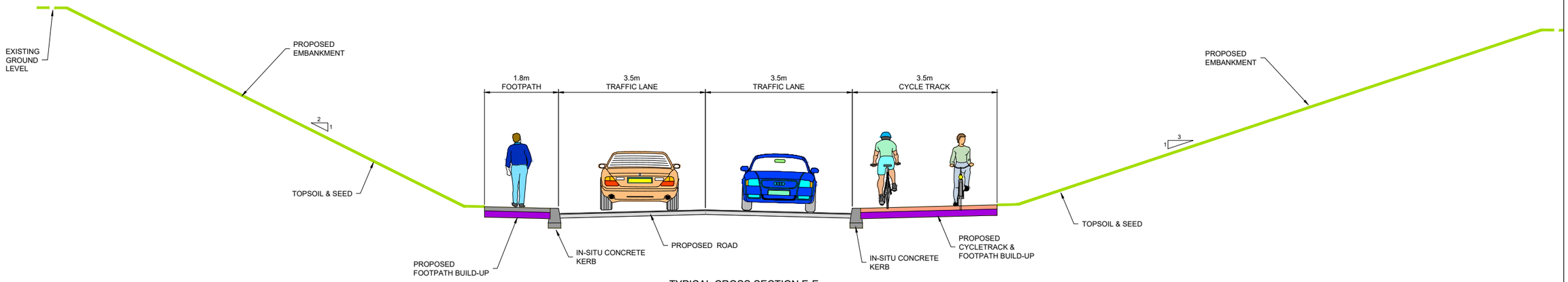
Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC HRW LC01 DR C 0105 D

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



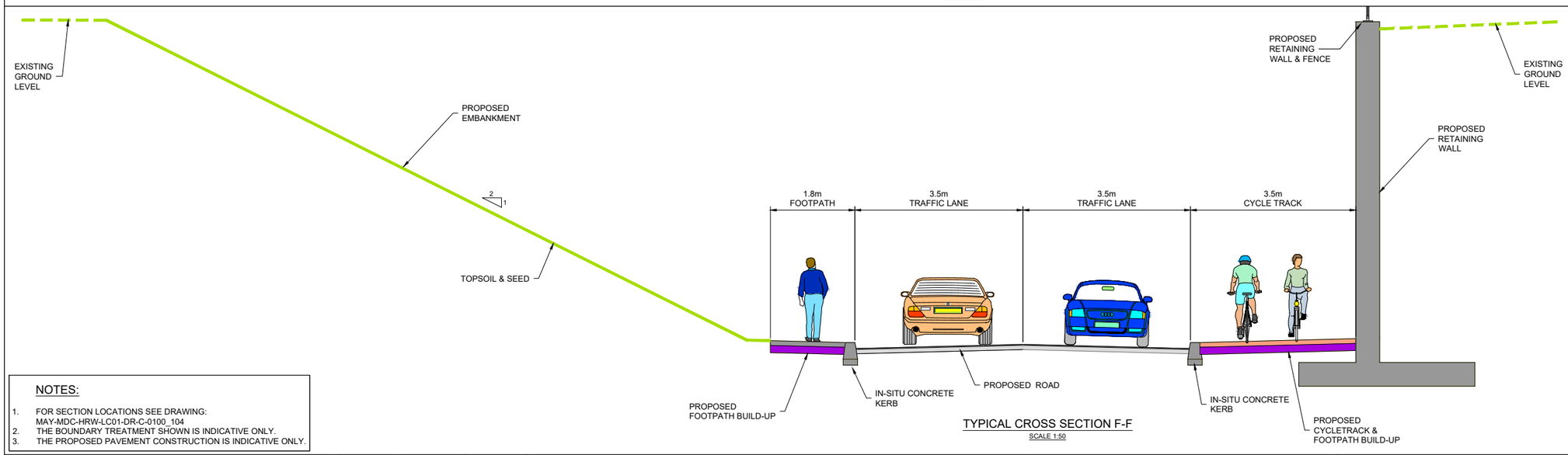
TYPICAL CROSS SECTION D-D

SCALE 1:50



TYPICAL CROSS SECTION E-E

SCALE 1:50



TYPICAL CROSS SECTION F-F

SCALE 1:50

NOTES:

1. FOR SECTION LOCATIONS SEE DRAWING: MAY-MDC-HRW-LC01-DR-C-0100_104
2. THE BOUNDARY TREATMENT SHOWN IS INDICATIVE ONLY.
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Client: Tionscadal Éireann Project Ireland 2040 | NTA National Transport Authority | Iarnród Éireann Irish Rail

Consultant: IDOM | C3 | ROD Roughan & O'Donovan

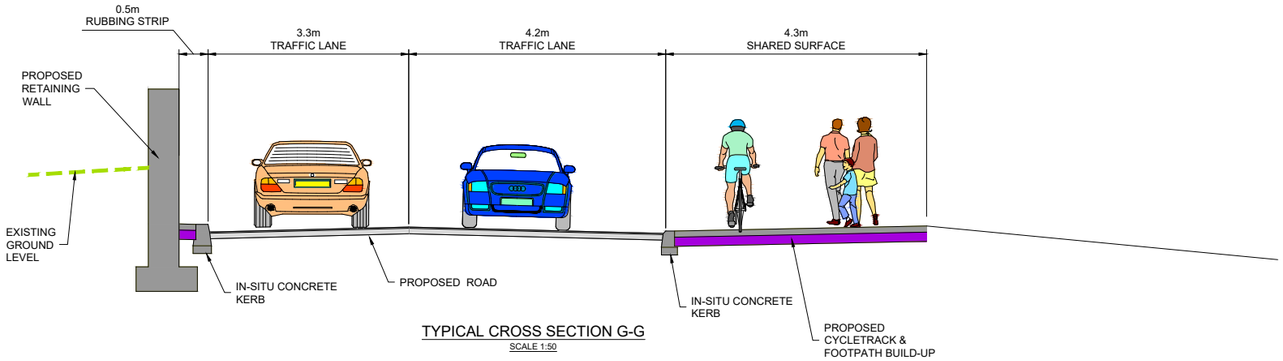
Project: DART+ West

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

Scale: 1:50 @ A1 1:100 @ A3
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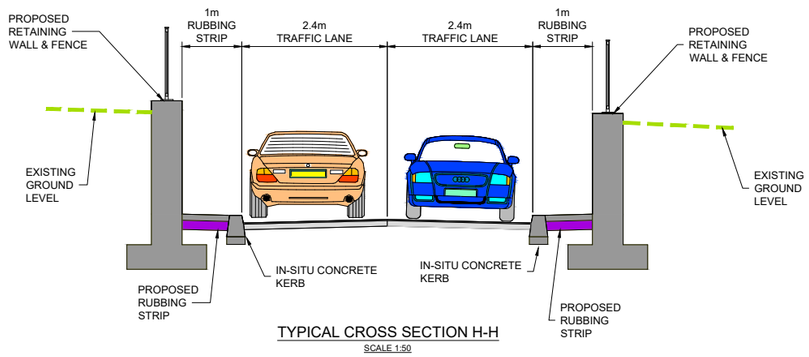
Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC HRW LC01 DR C 0106 D

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



TYPICAL CROSS SECTION G-G

SCALE 1:50



TYPICAL CROSS SECTION H-H

SCALE 1:50

NOTES:

1. FOR SECTION LOCATIONS SEE DRAWING: MAY-MDC-HRW-LC01-DR-C-0100_104
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3. THE PROPOSED PAVEMENT CONSTRUCTION IS INDICATIVE ONLY.

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Consultant: IDOM | O'Z3 | ROD Roughan & O'Donovan

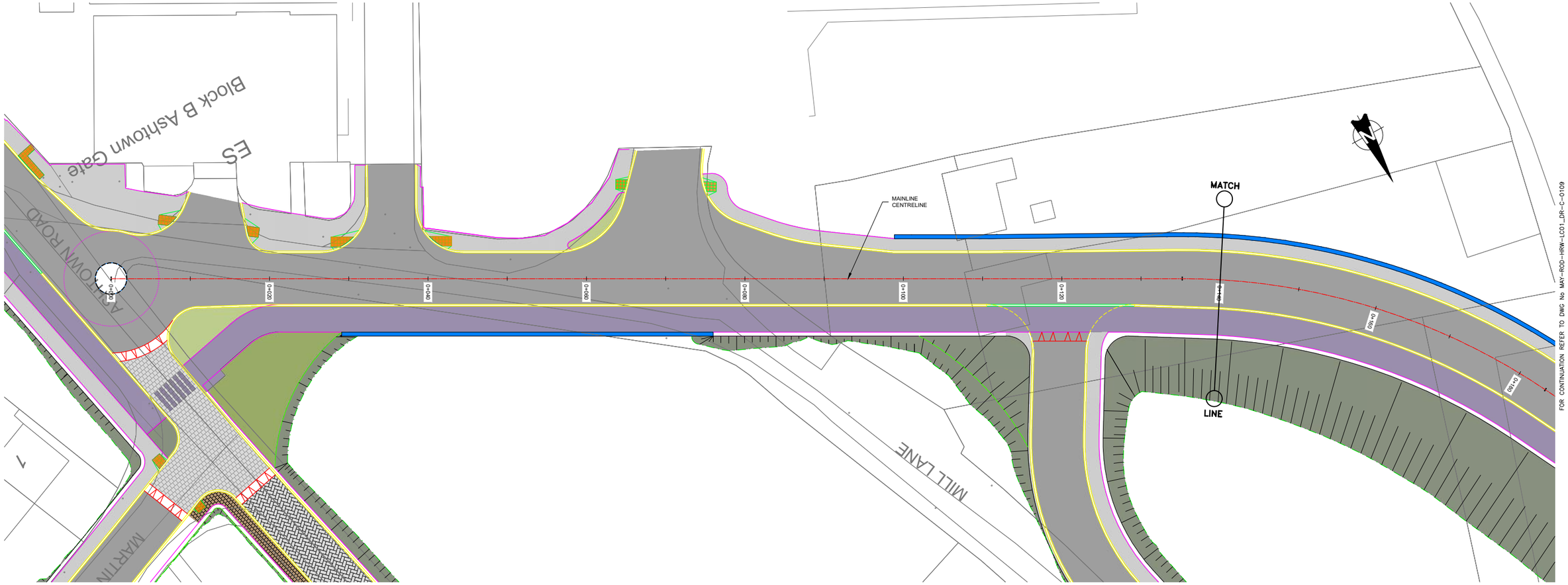
Project: DART+ West

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

Scale: 1:50 @ A1 1:100 @ A3
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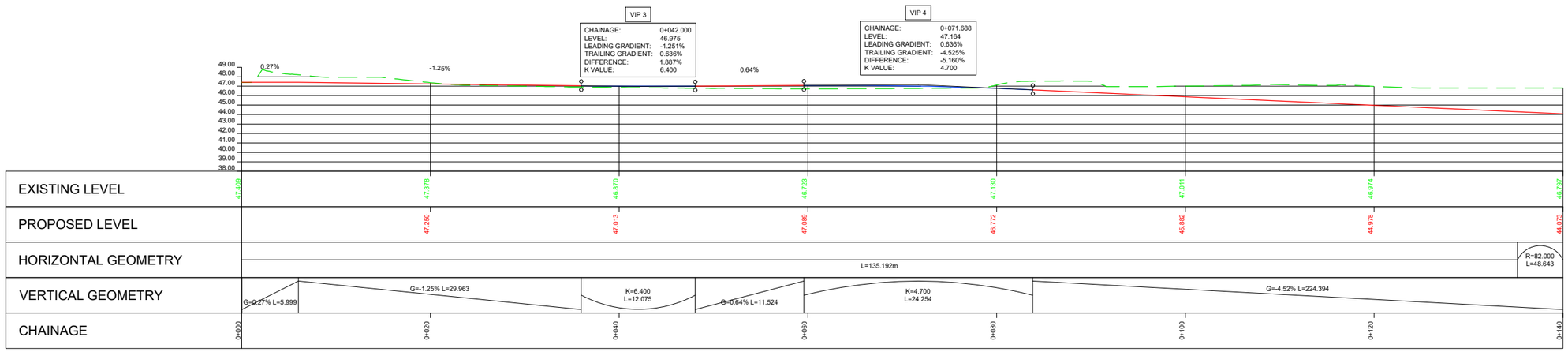
Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC HRW LC01 DR C 0107 D

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



PART PLAN MAINLINE LAYOUT

A1 SCALE 1:250
A3 SCALE 1:500



PART MAINLINE CL 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
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Consultant: IDOM | C3 | ROD Roughan & O'Donovan

Project: DART+ West

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

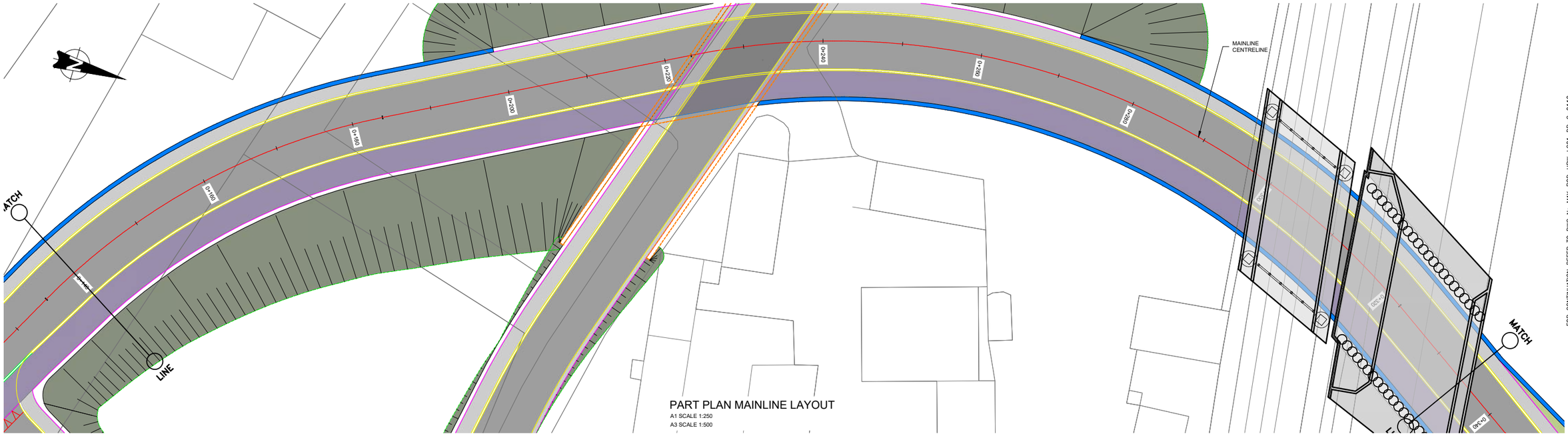
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Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase: MAY ROD HRW LC01 DR C 0108 D

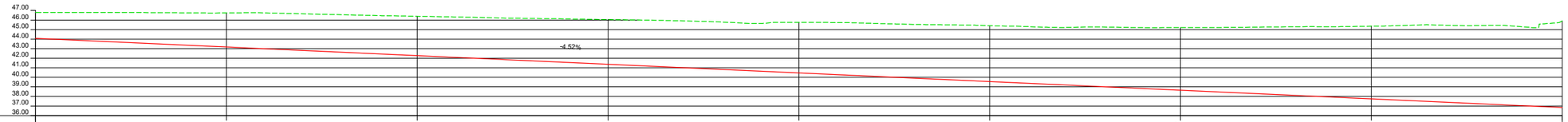
Date: April 2022 | Job No: P/101086 | Status: F1 - Approved & Accepted | Rev: V 01 | Sheet: 1 of 3

FOR CONTINUATION REFER TO DWG No MAY-ROD-HRW-LC01_DR-C-0109

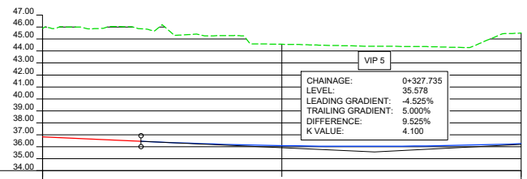
FOR CONTINUATION REFER TO DWG No MAY-ROD-HRW-LC01_DR-C-0106



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



EXISTING LEVEL	46.707	46.748	46.395	46.052	45.760	45.407	45.208	45.353	45.091
PROPOSED LEVEL	44.073	43.168	42.263	41.358	40.453	39.548	38.643	37.738	36.883
HORIZONTAL GEOMETRY		R=82.000 L=48.643		L=39.485m		R=92.000 L=98.990			
VERTICAL GEOMETRY					G=-4.52% L=224.394				
CHAINAGE	0+140	0+160	0+180	0+200	0+220	0+240	0+260	0+280	0+300



EXISTING LEVEL	39.833	39.086	39.256
PROPOSED LEVEL	36.833	36.098	36.256
HORIZONTAL GEOMETRY	R=92.000 L=98.990		L=26.526m
VERTICAL GEOMETRY	G=-4.52% L=224.394	K=4.100 L=39.052	
CHAINAGE	0+300	0+320	0+340

LEGEND:

PROPOSED ROAD CENTRELINE PROFILE

EXISTING GROUND ALONG ROAD CENTRELINE

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

REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
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Client: Tionscadal Éireann Project Ireland 2040 | NTA Údarás Náisiúnta Iompair National Transport Authority | Iarnród Éireann Irish Rail

Consultant: IDOM | C3 | ROD Roughan & O'Donovan

Project: DART+ West

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

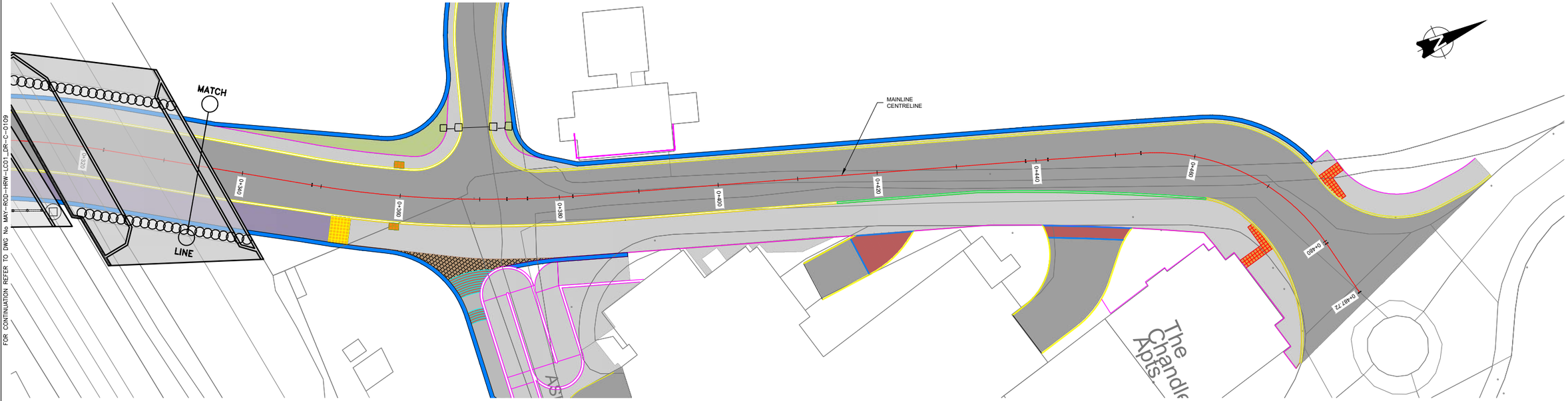
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Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY ROD HRW LC01 DR C 0109 D

Date: April 2022 | Job No: P/101086 | Status: F1 - Approved & Accepted | Rev: V 01 | Sheet: 2 of 3

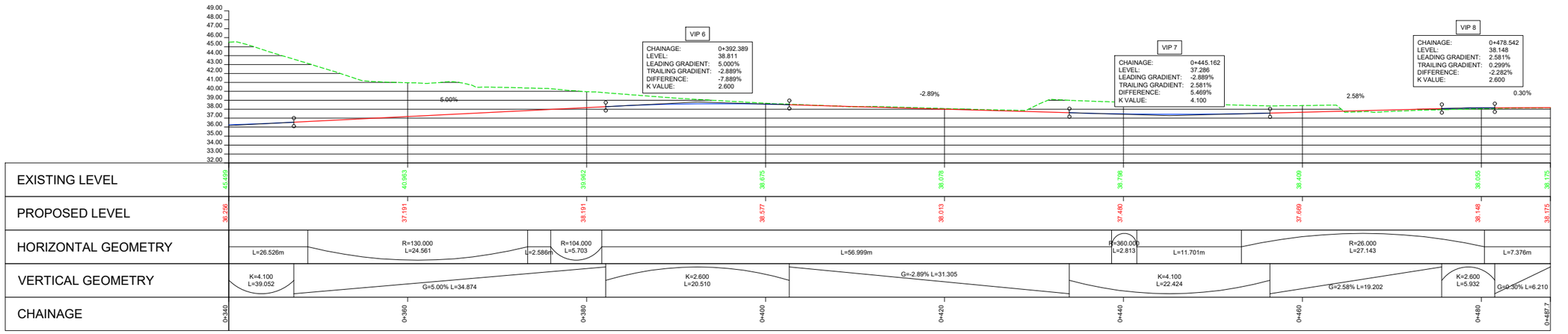
FOR CONTINUATION REFER TO DWG No MAY-ROD-HRW-LC01_DR-C-0110

FOR CONTINUATION REFER TO DWG No MAY-ROD-HRW-LC01_DR-C-0109



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
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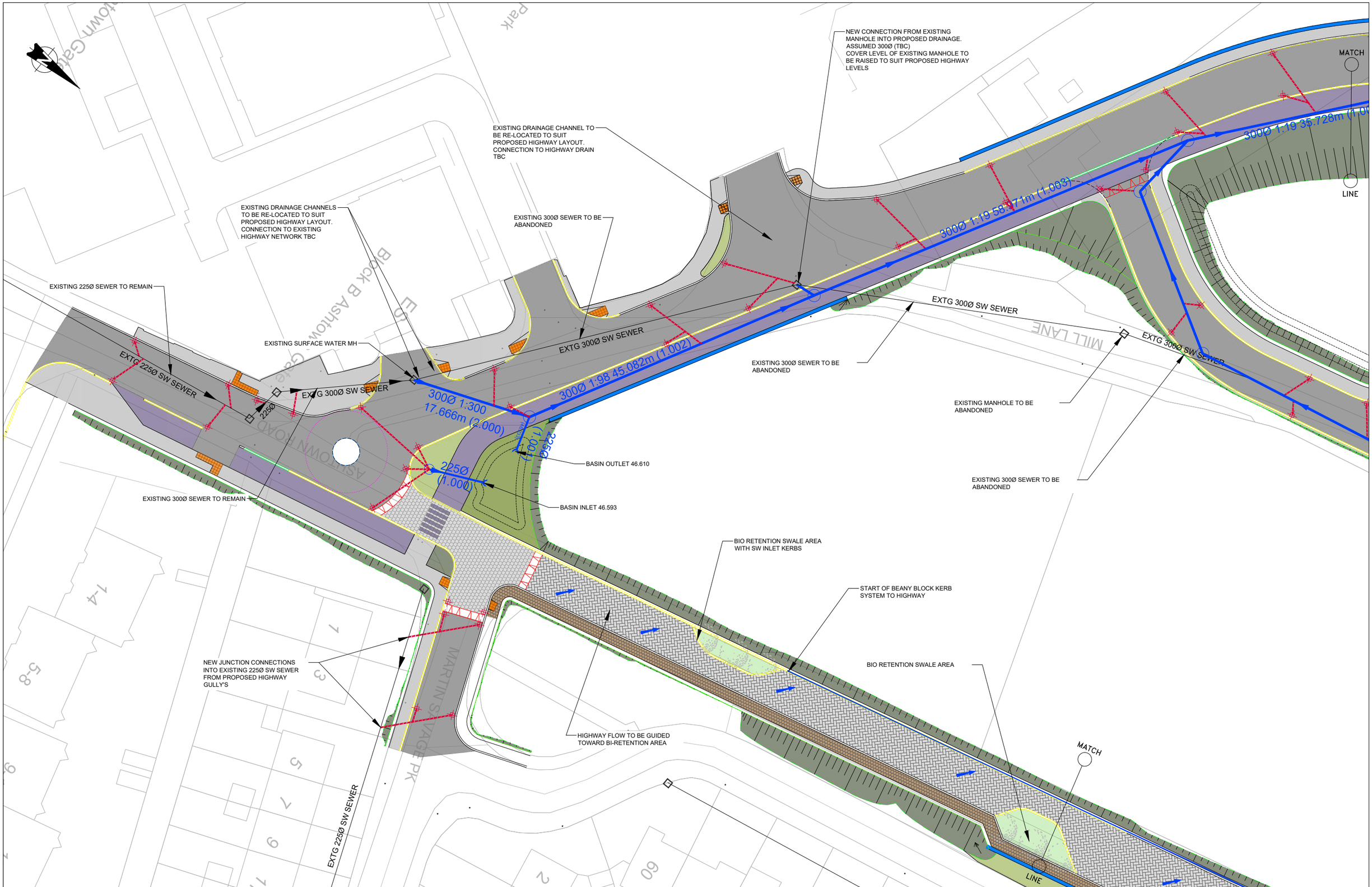
Project: DART+ West

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

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

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

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



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Client: Tionscadal Éireann Project Ireland 2040 | NTA Údarás Náisiúnta Iompair National Transport Authority | Iarnród Éireann Irish Rail

Consultant: IDOM | C3 | ROD Roughan & O'Donovan

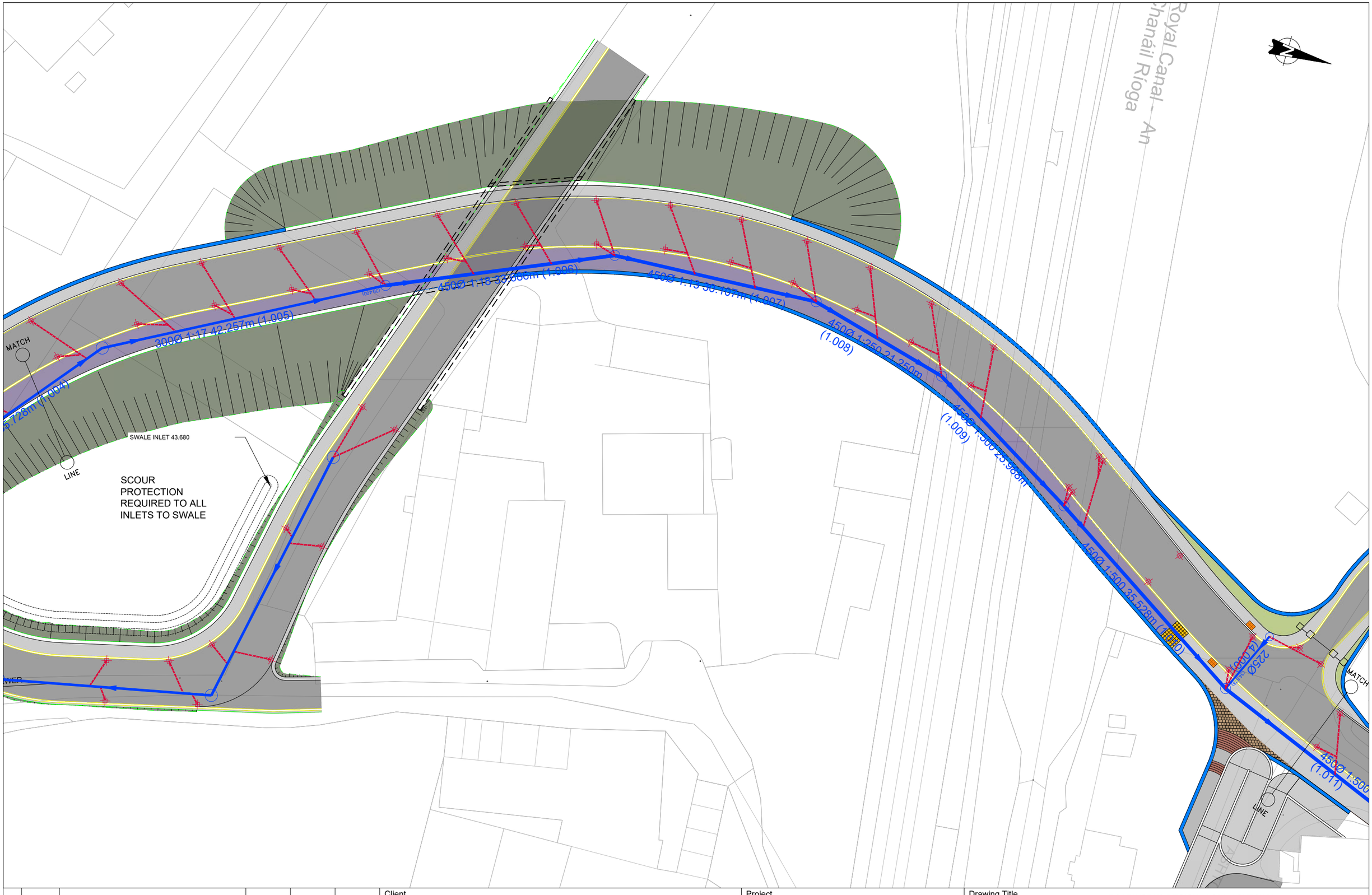
Project: DART+ West

Drawing Title: ROADWORKS DESIGN - LC01: ASHTOWN DRAINAGE SHEET 1 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 0123 D

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



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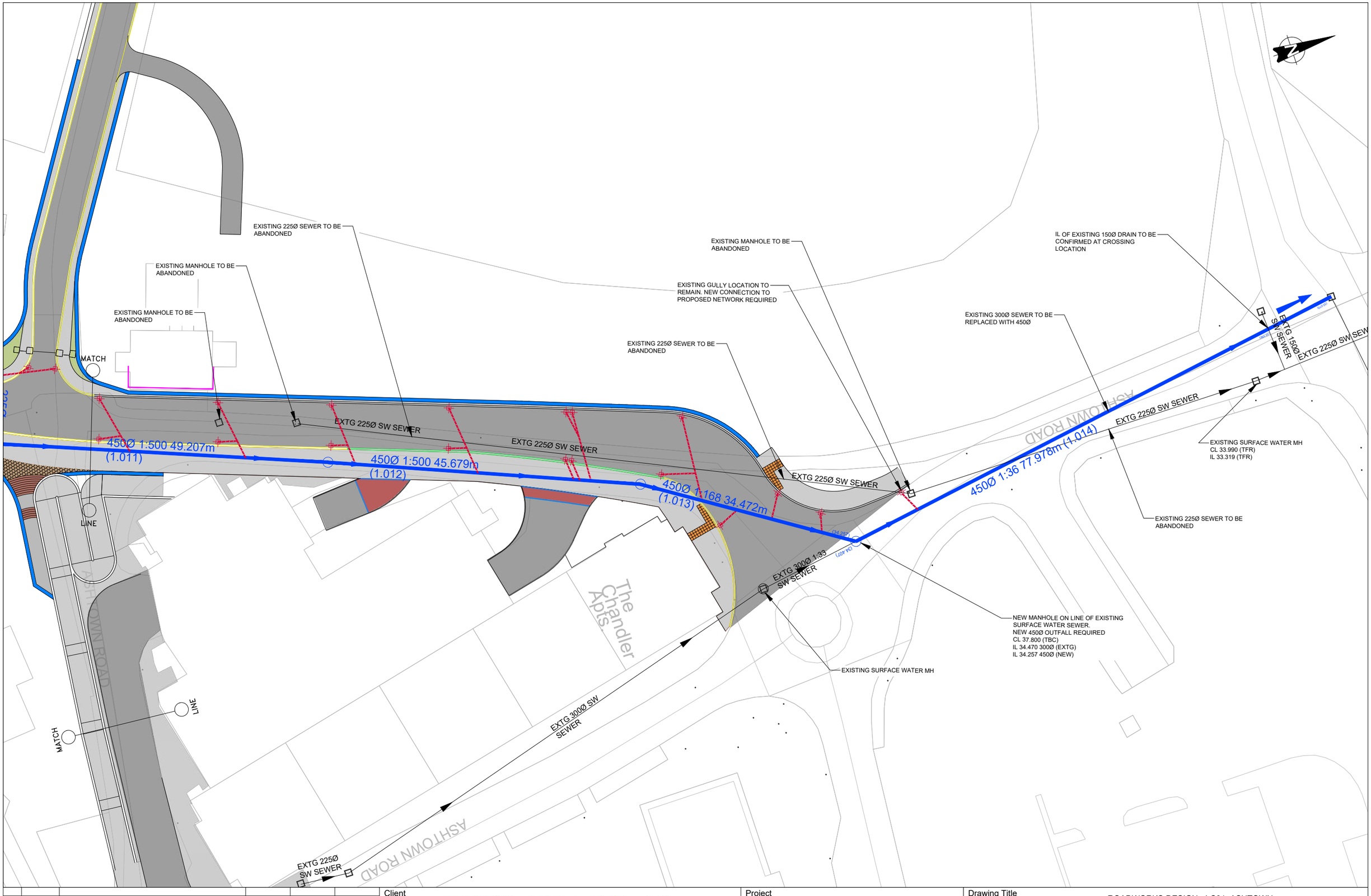
Project: DART+ West

Drawing Title: ROADWORKS DESIGN - LC01: ASHTOWN
DRAINAGE
SHEET 2 OF 4

Scale: 1:250 @ A1 1:500 @ A3
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Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC HRW LC01 DR C 0124 D

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Consultant: IDOM | C3 | ROD Roughan & O'Donovan

Project: DART+ West

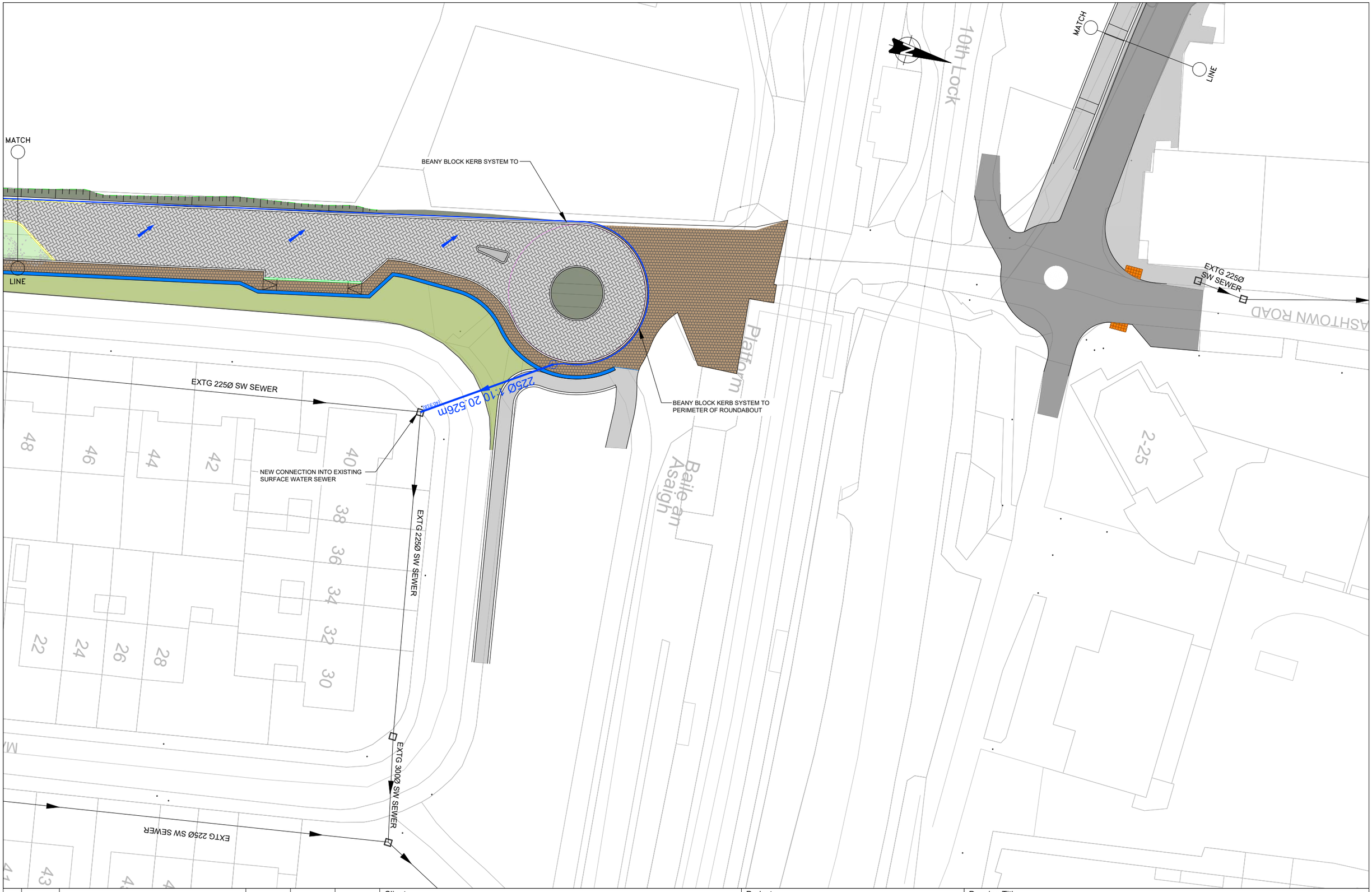
Drawing Title: ROADWORKS DESIGN - LC01: ASHTOWN DRAINAGE SHEET 3 OF 4

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Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase: MAY MDC HRW LC01 DR C 0125 D

Date:	Job No:	Status:	Rev:	Sheet:
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Consultant: IDOM | G3 | ROD Roughan & O'Donovan

Project: DART+ West

Drawing Title: ROADWORKS DESIGN - LC01: ASHTOWN
DRAINAGE
SHEET 4 OF 4

Scale: 1:250 @ A1 1:500 @ A3
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Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC HRW LC01 DR C 0126 D

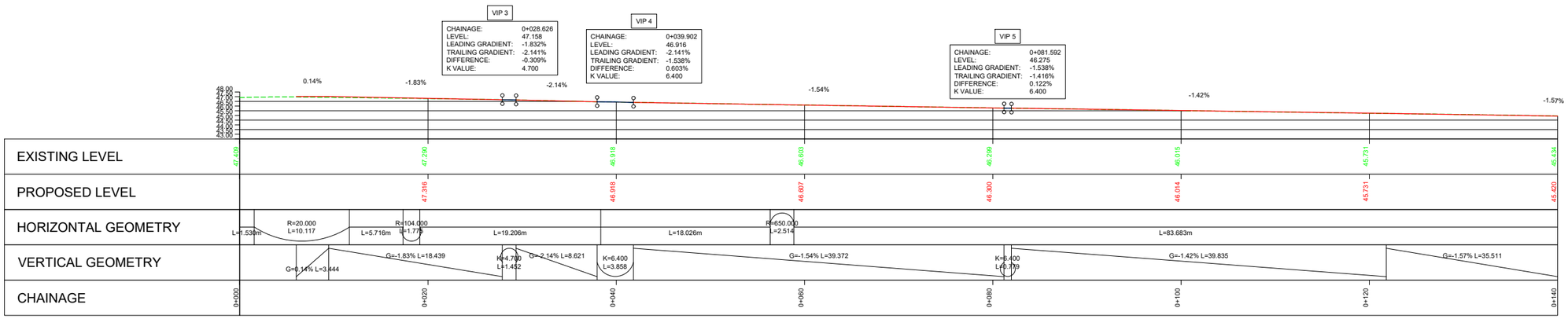
Date:	Job No:	Status:	Rev:	Sheet:
April 2022	P/101086	F1 - Approved & Accepted	V 01	Sheet: 04 of 04



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

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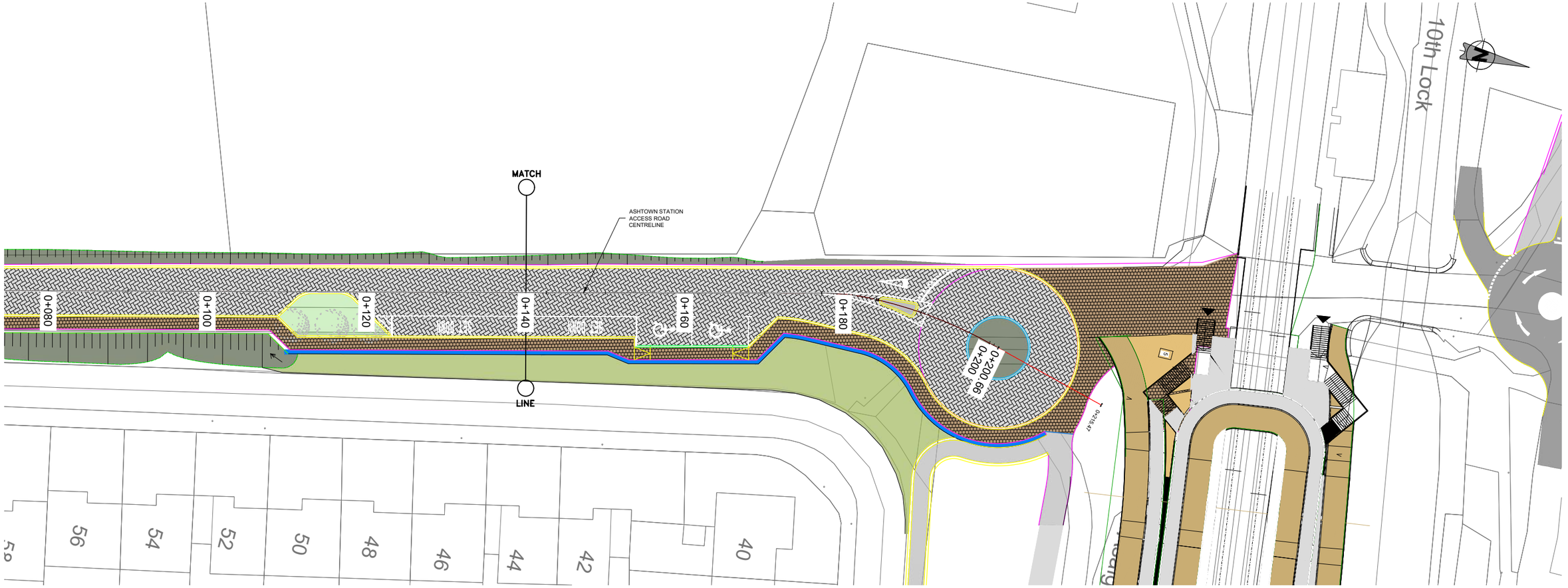
Project: DART+ West

Drawing Title: ROADWORKS DESIGN - LC01: ASHTOWN STATION ACCESS ROAD ALIGNMENT PLAN AND PROFILE SHEET 1 OF 2

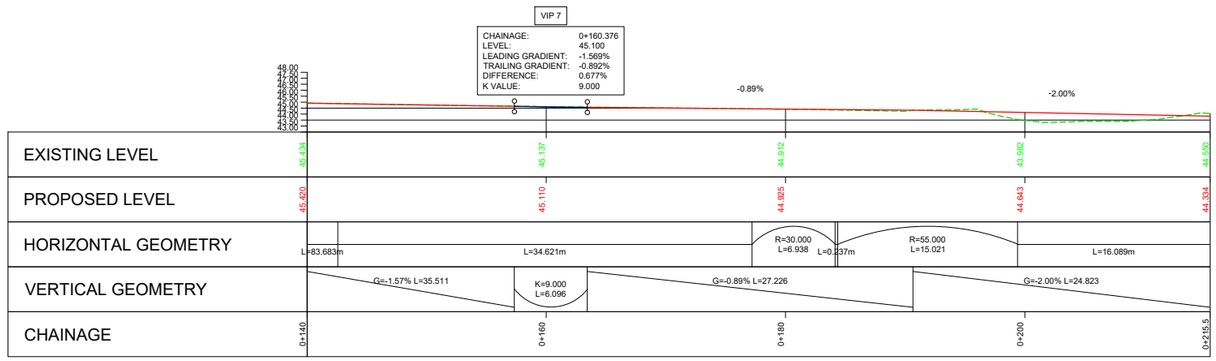
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Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase: MAY ROD HRW LC01 DR C 0131 D

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



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

REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
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Consultant: IDOM | C3 | ROD Roughan & O'Donovan

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
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Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY ROD HRW LC01 DR C 0132 D

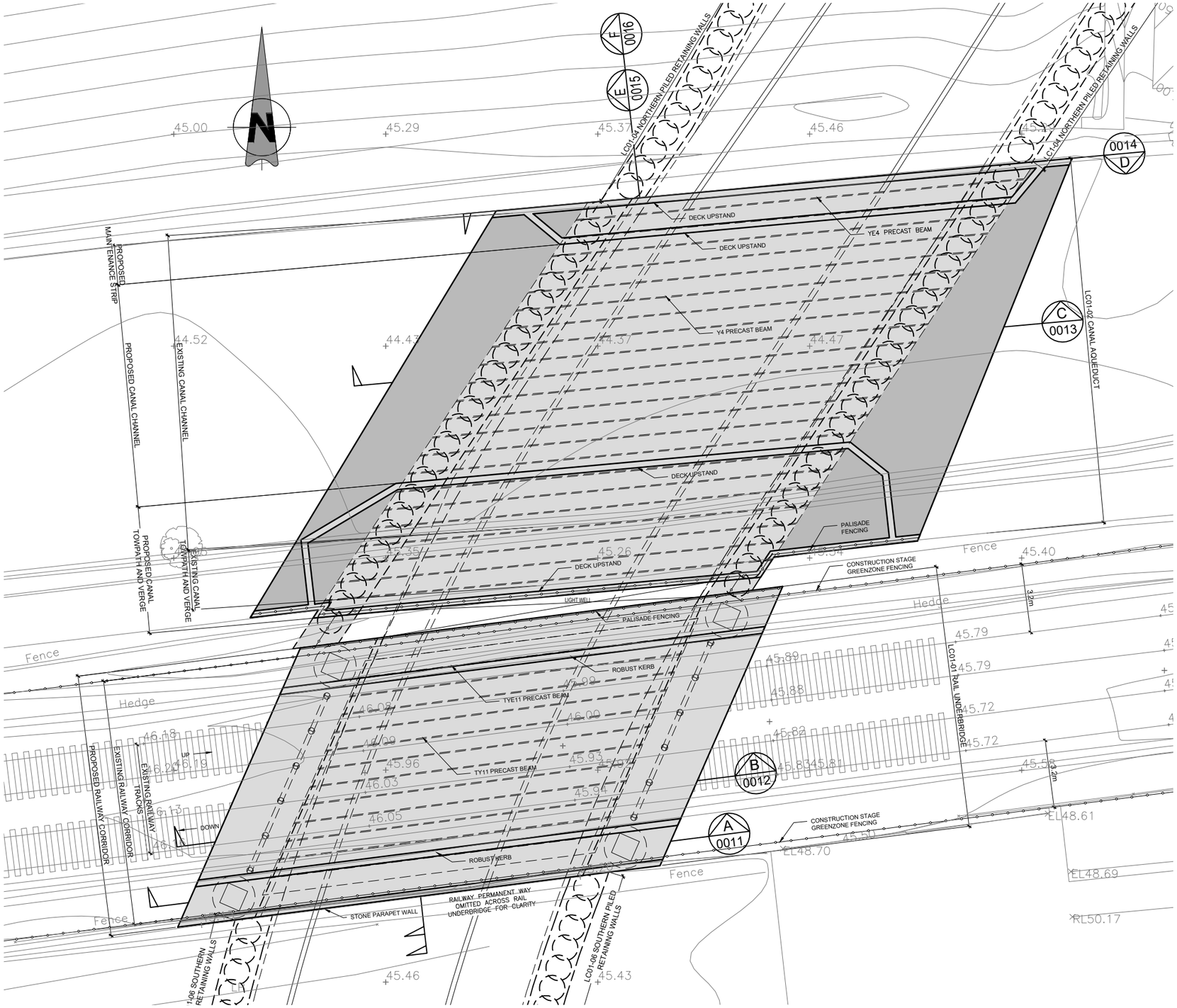
Date: April 2022 | Job No: P/101086 | Status: F1 - Approved & Accepted | Rev: V 01 | Sheet: 2 of 2

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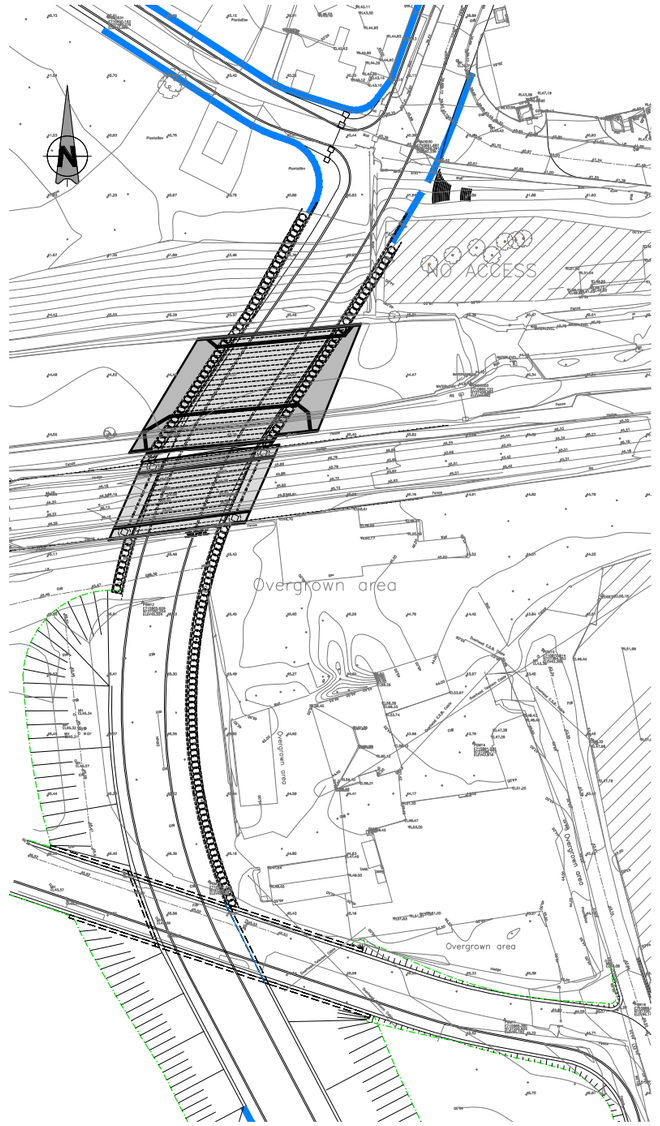
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3. ALL GROUND STRATA INFORMATION AND GROUND WATER INFORMATION IS ASSUMED AND INDICATIVE. TO BE CONFIRMED FOLLOWING RECEIPT OF SITE SPECIFIC GROUND INVESTIGATION INFORMATION.
4. BELOW GROUND UTILITIES AND DUCTING NOT SHOWN AT THIS STAGE, TO BE DEVELOPED 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



PLAN
SCALE 1:100 A1
SCALE 1:200 A3



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

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Consultant: IDOM | C3 | ROD Roughan & O'Donovan

Project: DART+ West

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

Scale: 1:100 @ A1 1:200 @ A3 (0 0.5 1.25 2.5 5)

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase: MAY MDC STR LC01 DR C 0010 D

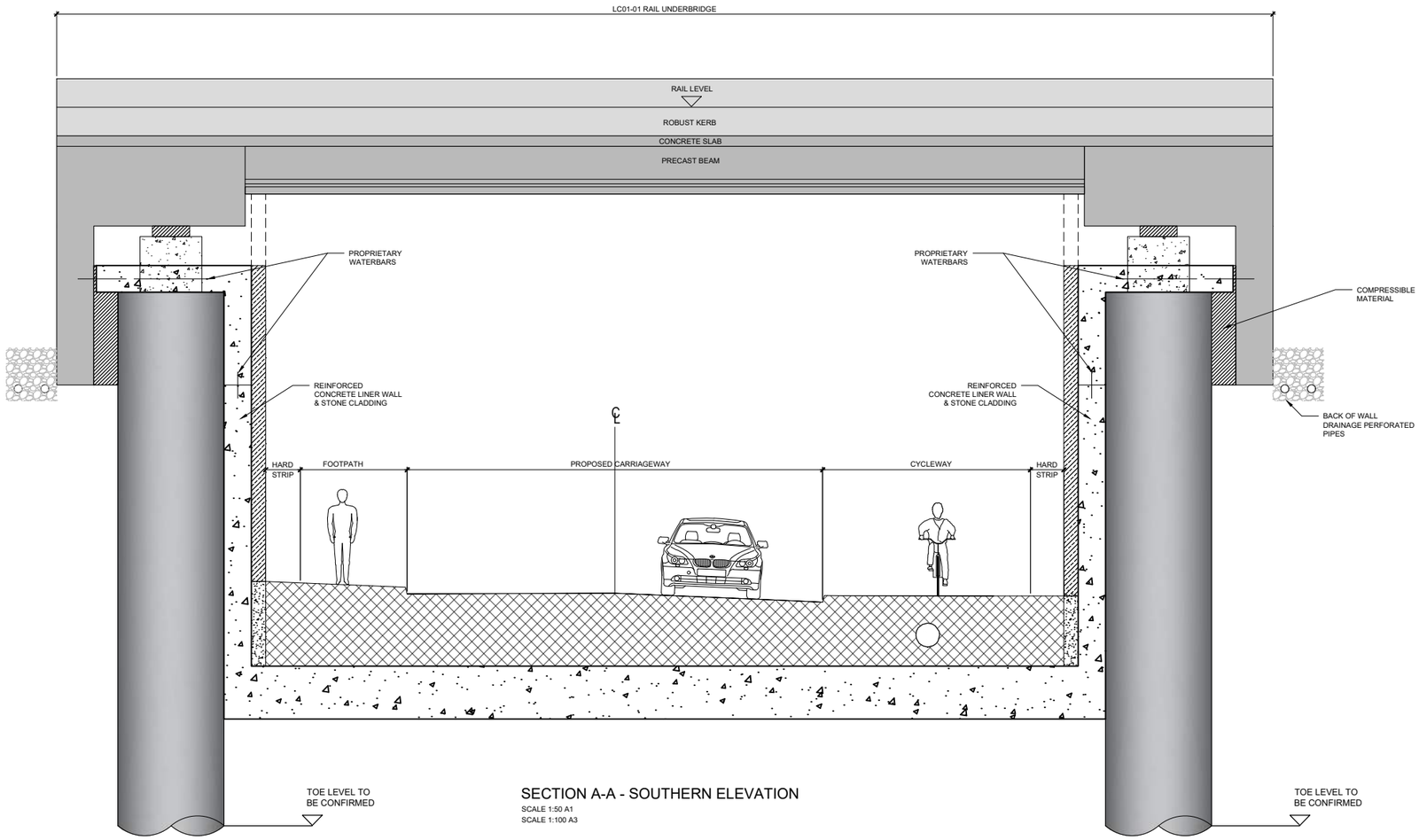
Date: April 2022 | Job No: P/101086 | Status: F1 - Approved & Accepted | Rev: V 01 | Sheet: 01 of 02

NOTES

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



SECTION A-A - SOUTHERN ELEVATION

SCALE 1:50 A1
SCALE 1:100 A3

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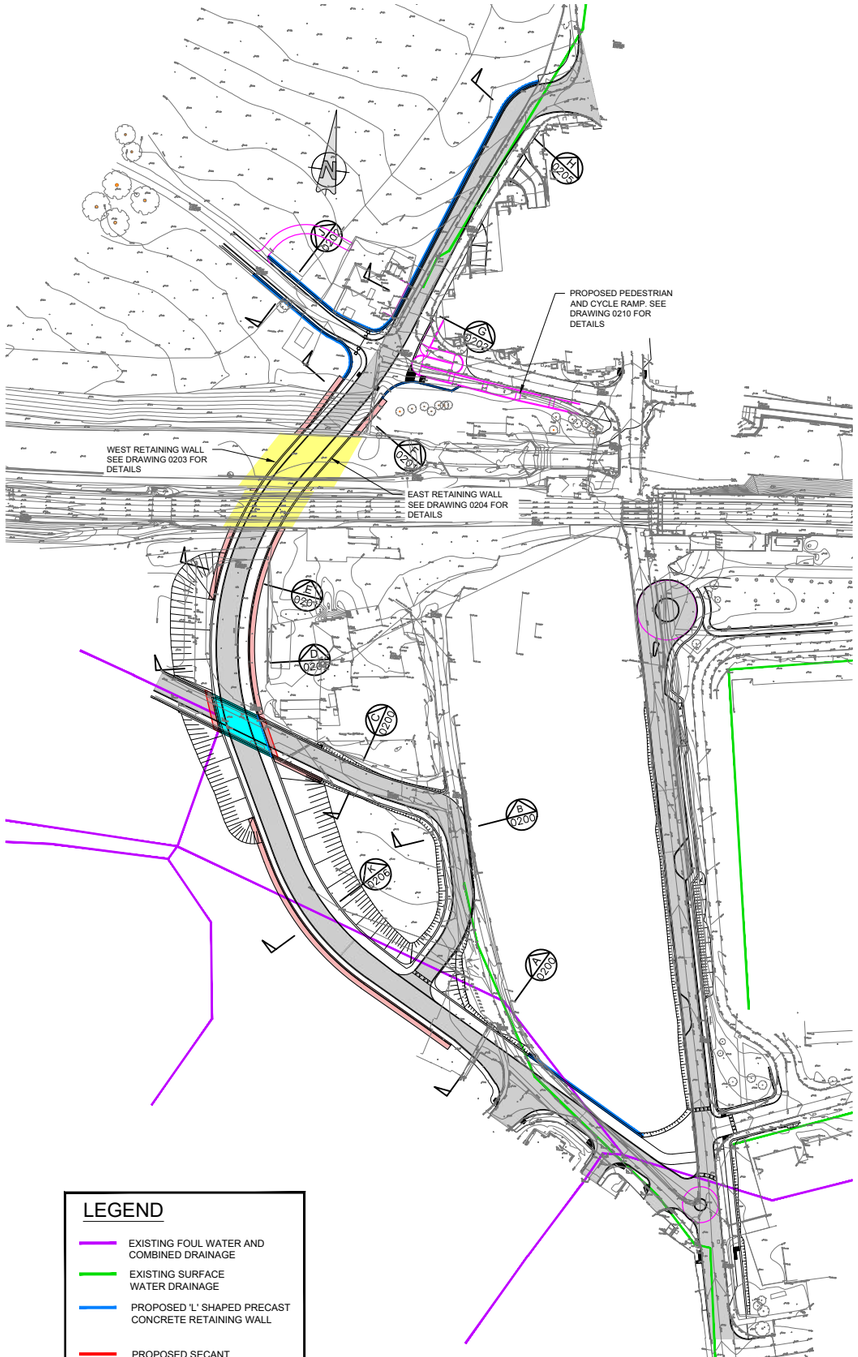
Project: DART+ West

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

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

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase: MAY MDC STR LC01 DR C 0011 D

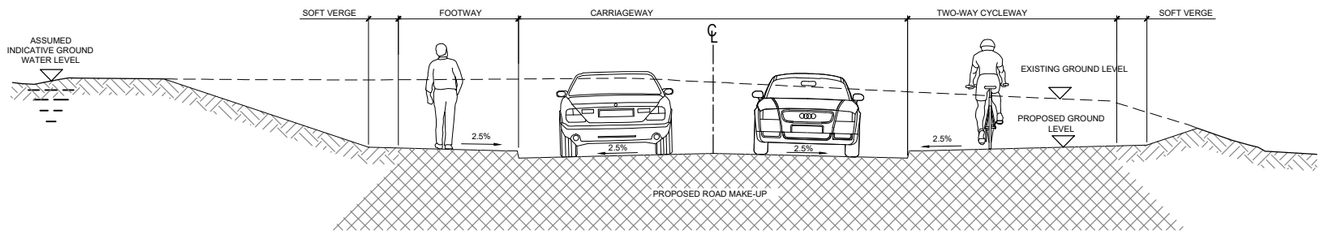
Date: April 2022 | Job No: P/101086 | Status: F1 - Approved & Accepted | Rev: V 01 | Sheet: 02 of 02



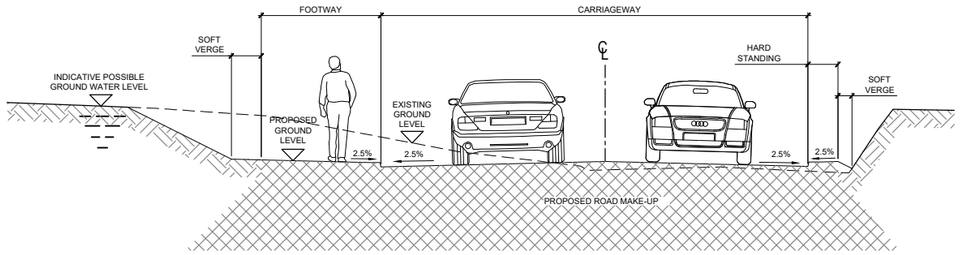
PLAN
SCALE 1:1000 A1
SCALE 1:2000 A3

LEGEND

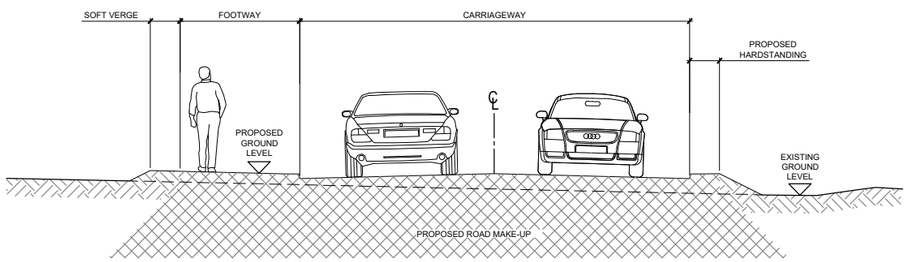
- EXISTING FOUL WATER AND COMBINED DRAINAGE
- EXISTING SURFACE WATER DRAINAGE
- PROPOSED 'L' SHAPED PRECAST CONCRETE RETAINING WALL
- PROPOSED SECANT PILED RETAINING WALL
- PROPOSED UNDERPASS
- PROPOSED OVERBRIDGE



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



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



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

NOTES

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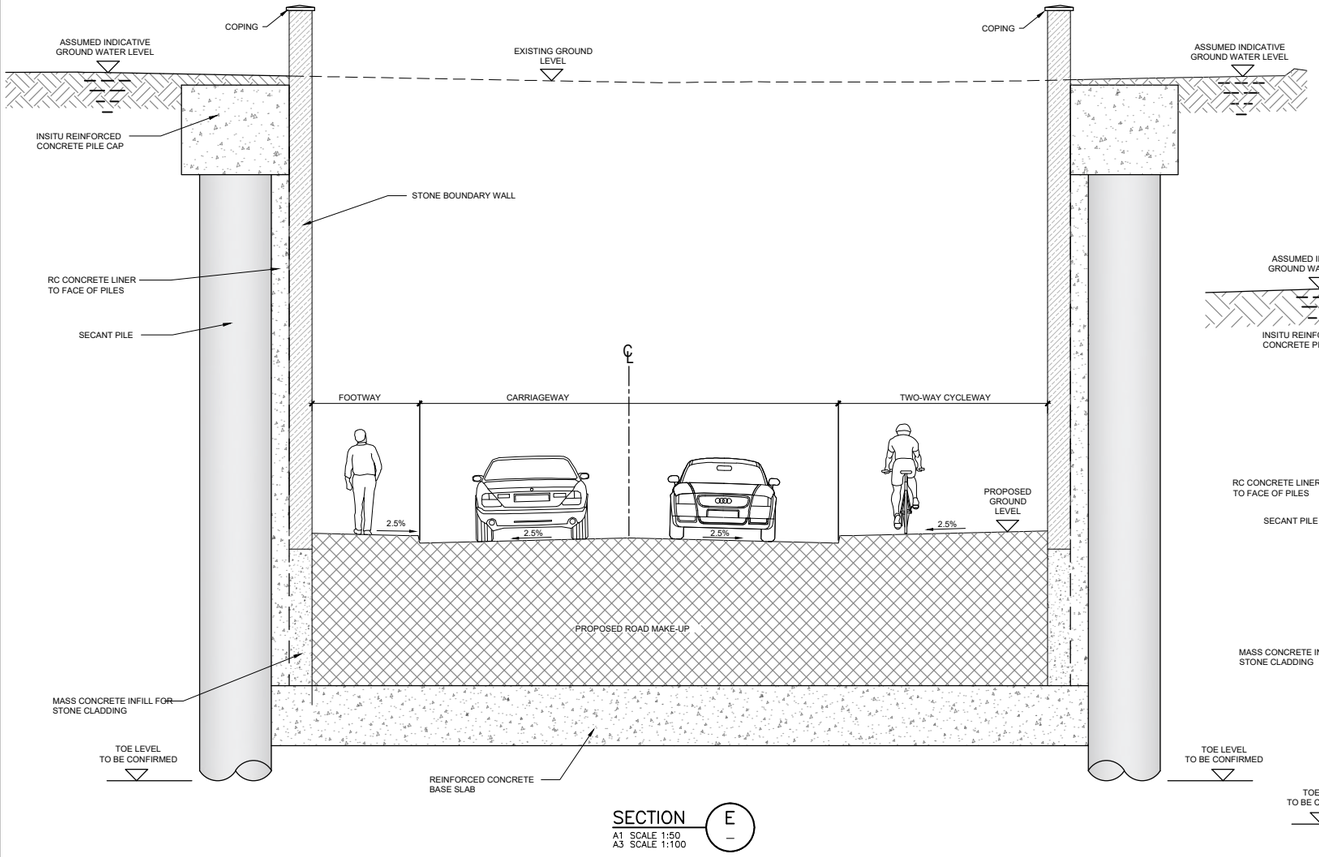
Project: DART+ West

Drawing Title: STRUCTURES DESIGN - LC01: ASHTOWN UNDERPASS - RETAINING WALLS GENERAL ARRANGEMENT - SECTIONS SHEET 1 OF 7

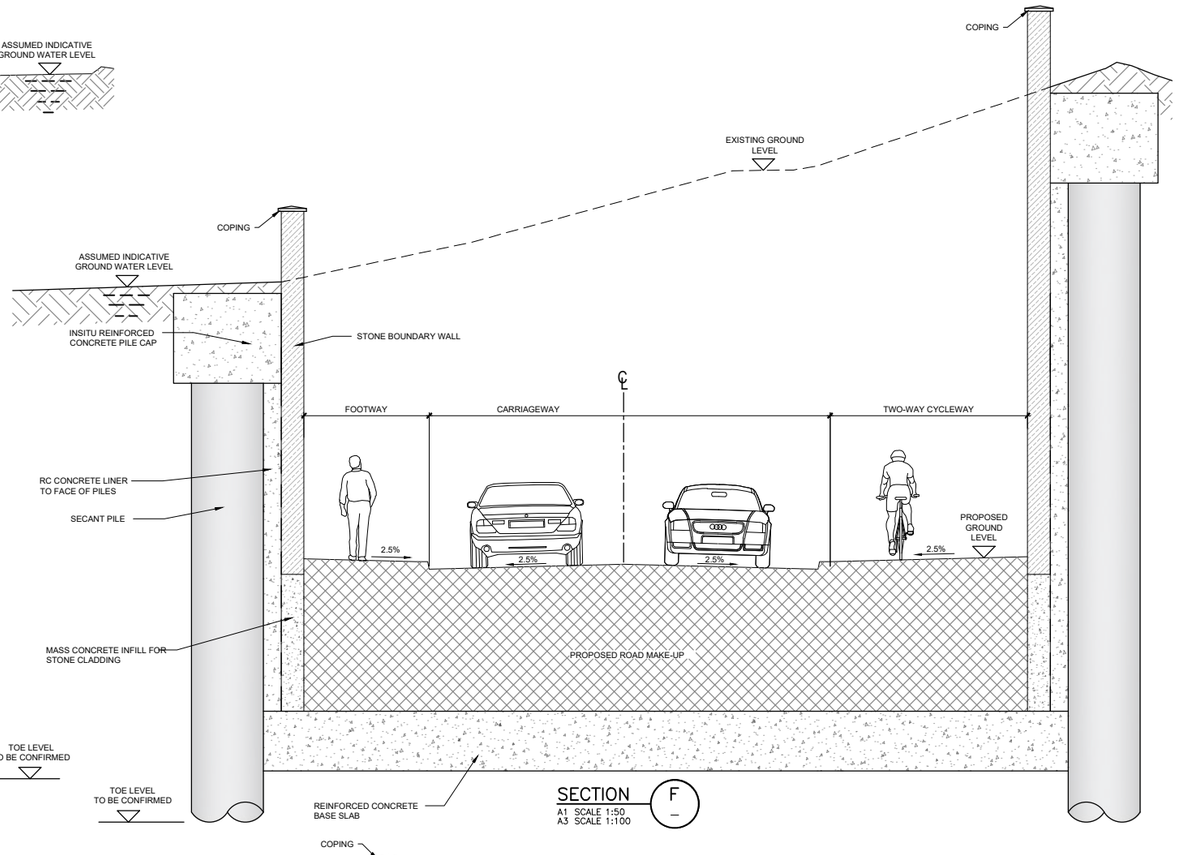
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Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC STR LC01 DR C 0200 D

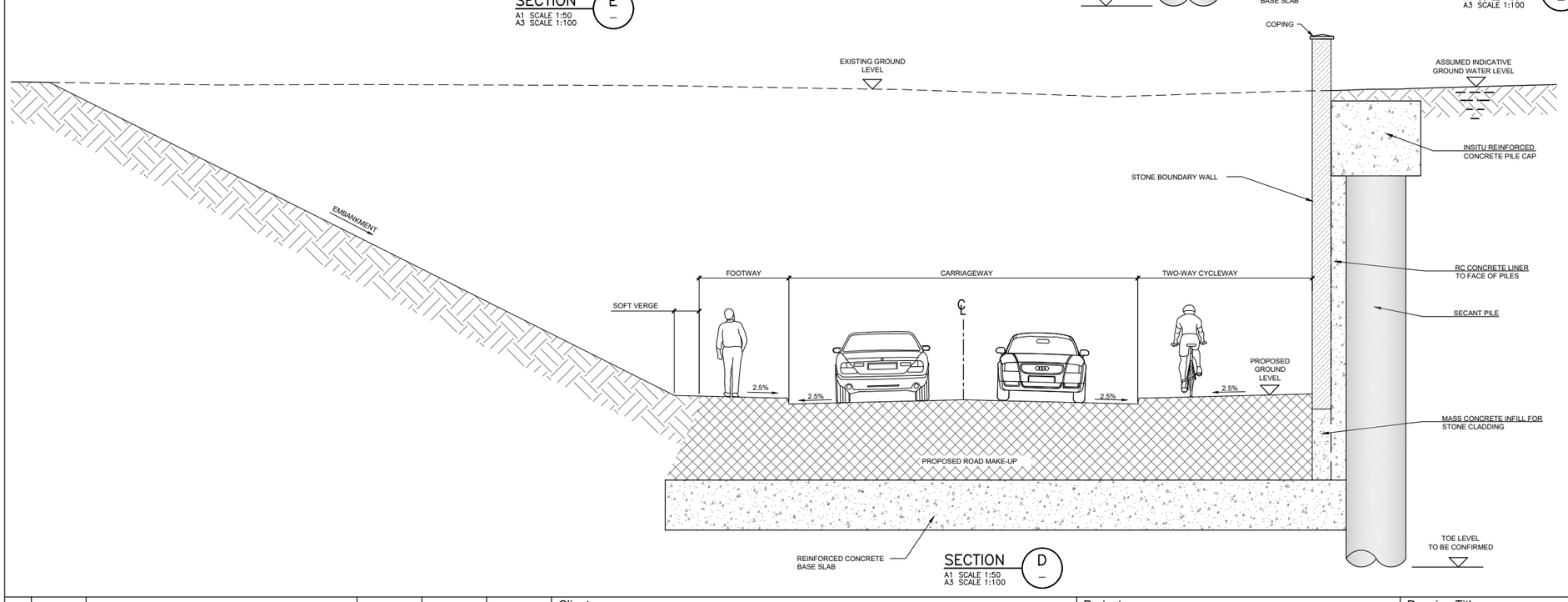
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April 2022	P/101086	F1 - Approved & Accepted	V 01	01 of 07



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



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



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

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Client: Tionscadal Éireann Project Ireland 2040 | NTA National Transport Authority | Iarnród Éireann Irish Rail

Consultant: IDOM | C3 | ROD Roughan & O'Donovan

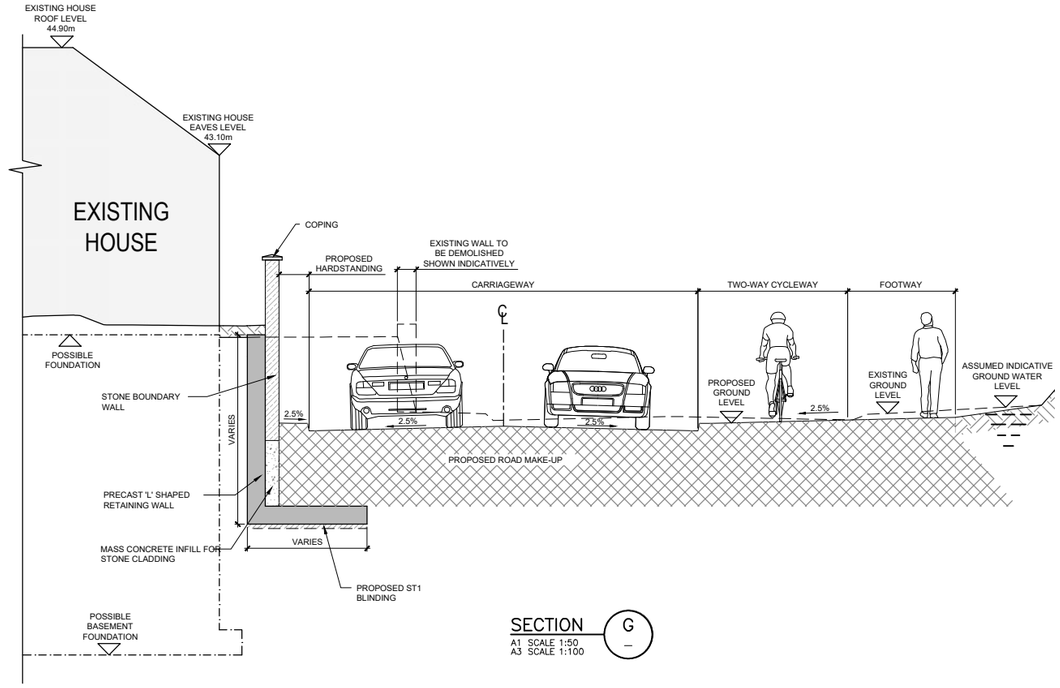
Project: DART+ West

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

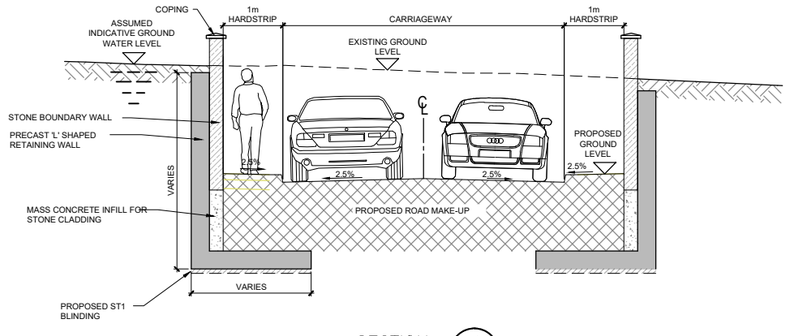
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Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC STR LC01 DR C 0201 D

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



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



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

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 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

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Client: Tionscadal Éireann Project Ireland 2040 | NTA National Transport Authority | Iarnród Éireann Irish Rail

Consultant: IDOM | G3 | ROD Roughan & O'Donovan

Project: DART+ West

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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Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC STR LC01 DR C 0202 D

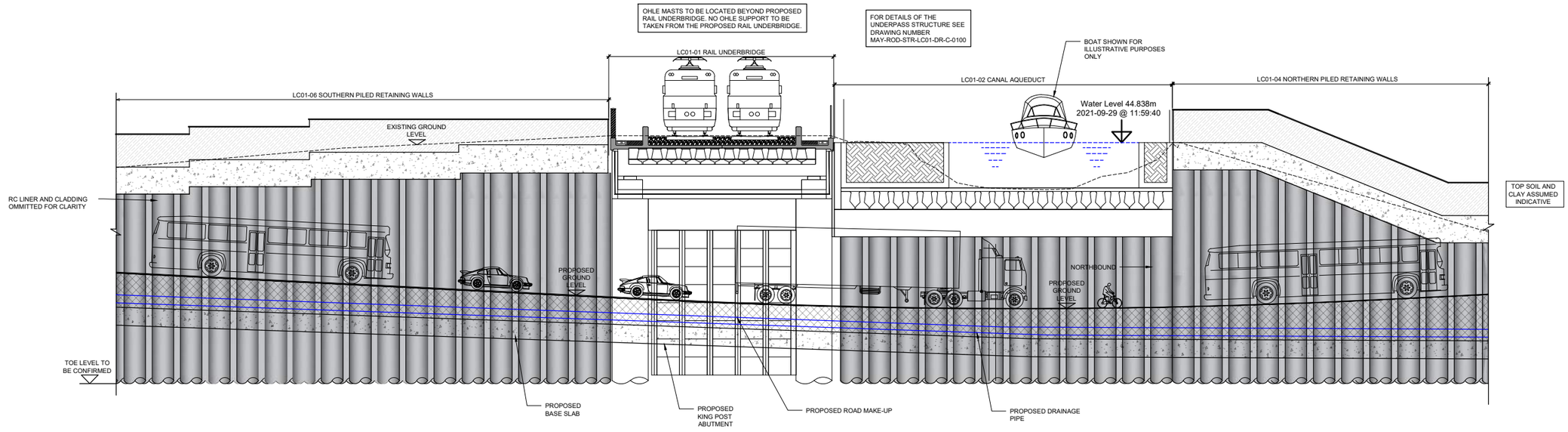
Date: April 2022 | Job No: P/101086 | Status: F1 - Approved & Accepted | Rev: V 01 | Sheet: 03 of 07

NOTES

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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
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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: Tionscadal Éireann Project Ireland 2040 | NTA Údarás Náisiúnta Iompair National Transport Authority | Iarnród Éireann Irish Rail

Consultant: IDOM | C3 | ROD Roughan & O'Donovan

Project: DART+ West

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

Scale: 1:50 @ A1 1:100 @ A3
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Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
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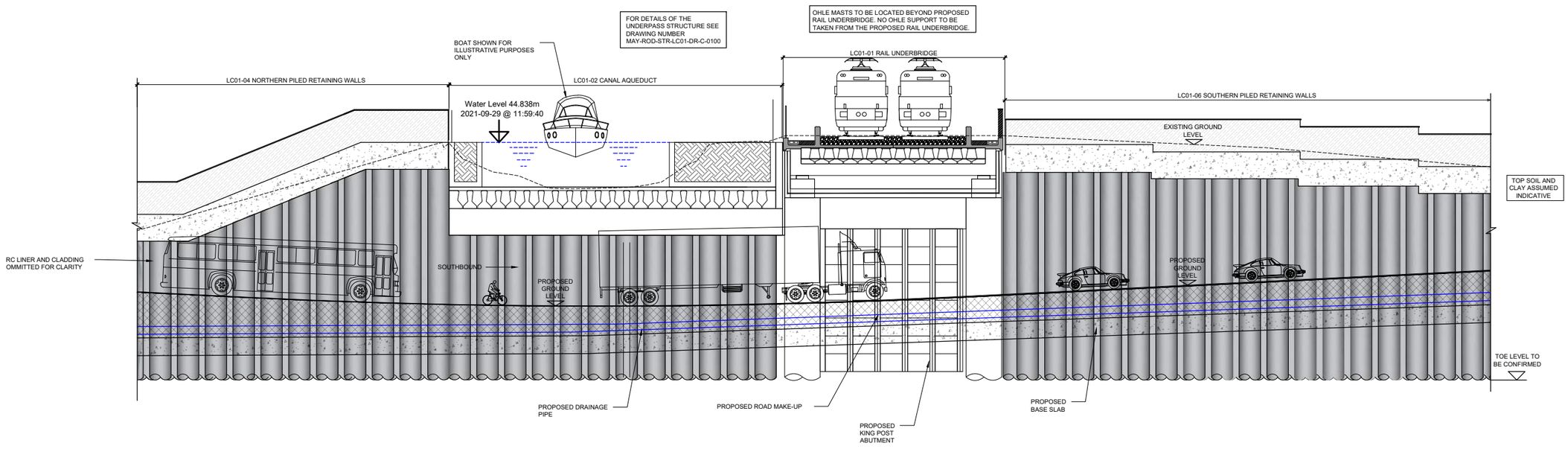
Date: April 2022
Job No: P/101086
Status: F1 - Approved & Accepted
Rev: V 01
Sheet: 04 of 07

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



ELEVATION EAST RETAINING WALL

A1 SCALE 1:125
A3 SCALE 1:250

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Client: Tionscadal Éireann Project Ireland 2040 | NTA Údarás Náisiúnta Iompair National Transport Authority | Iarnród Éireann Irish Rail

Consultant: IDOM | C3 | ROD Roughan & O'Donovan

Project: DART+ West

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

Scale: 1:50 @ A1 1:100 @ A3
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Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
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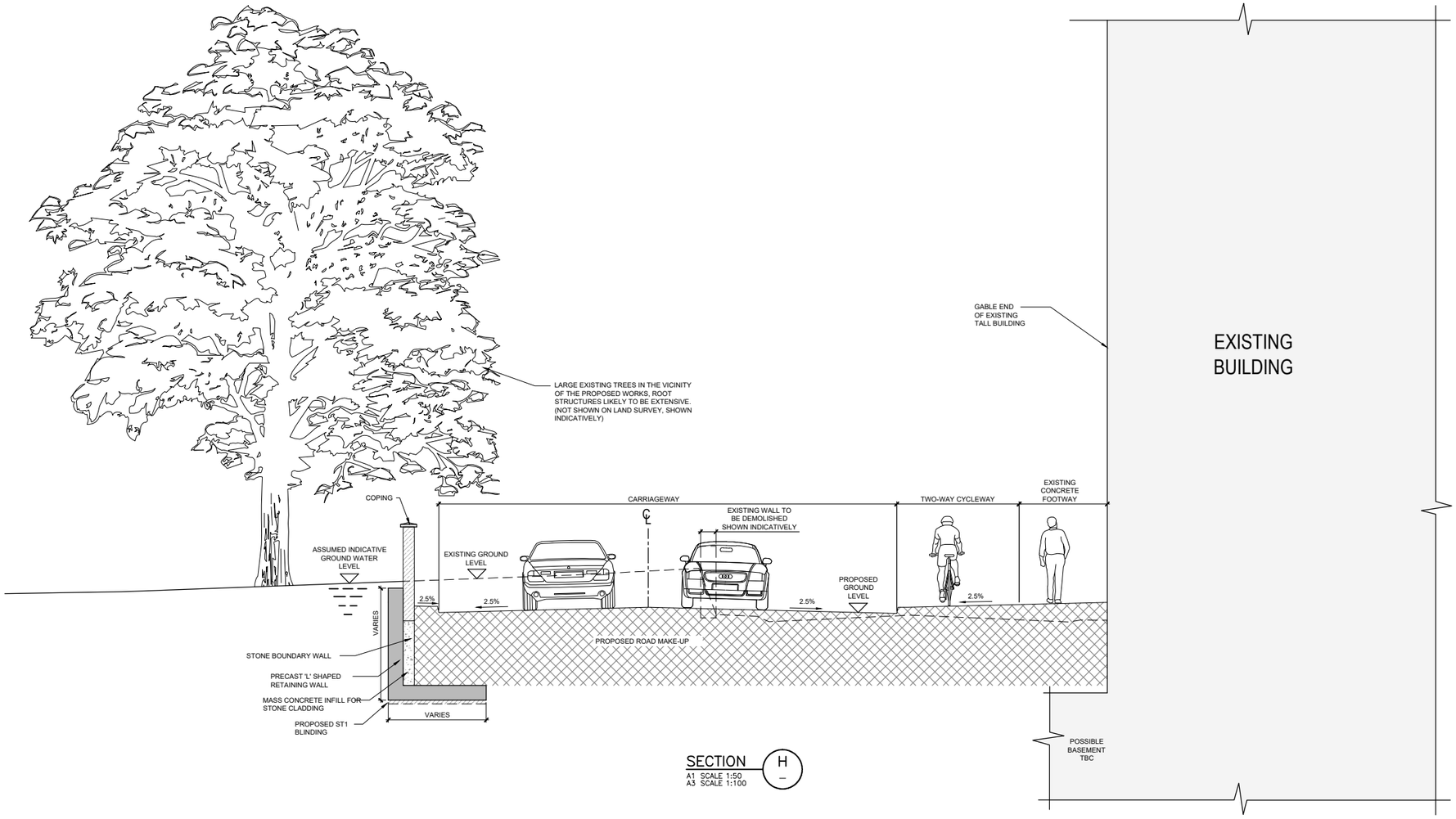
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April 2022	P/101086	F1 - Approved & Accepted	V 01	Sheet: 05 of 07

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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



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

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Client: Tionscadal Éireann Project Ireland 2040 | NTA Údarás Náisiúnta Iompair National Transport Authority | Iarnród Éireann Irish Rail

Consultant: IDOM | C3 | ROD Roughan & O'Donovan

Project: DART+ West

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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Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC STR LC01 DR C 0205 D

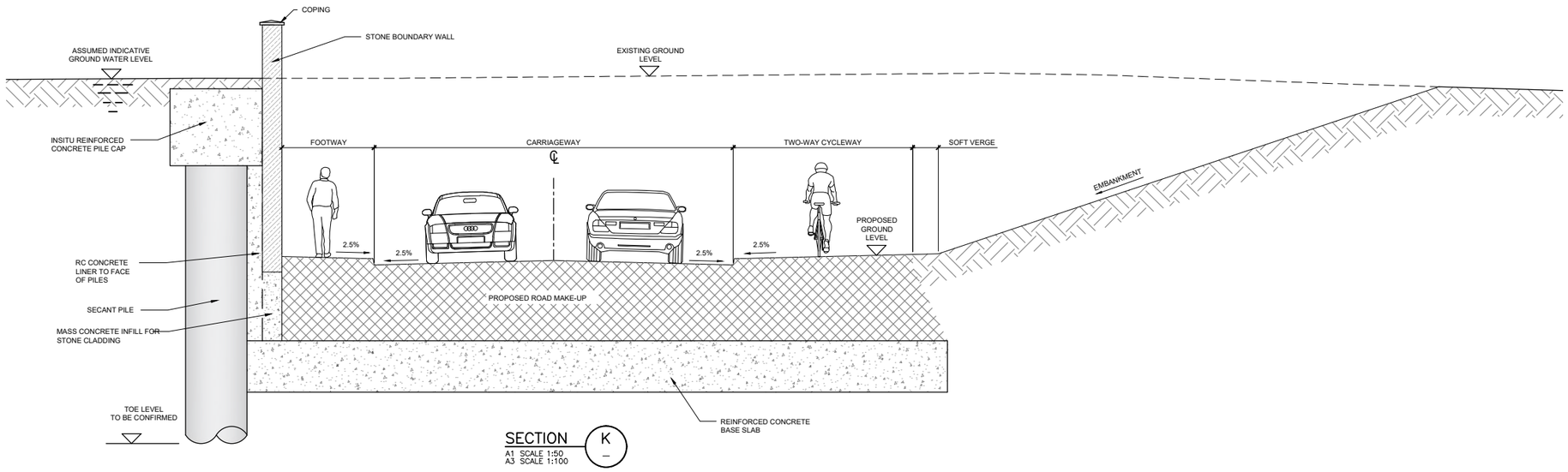
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April 2022	P/101086	F1 - Approved & Accepted	V 01	06 of 07

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



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

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Consultant: IDOM | C3 | ROD Roughan & O'Donovan

Project: DART+ West

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

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

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC STR LC01 DR C 0206 D

Date:	Job No:	Status:	Rev:	Sheet:
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