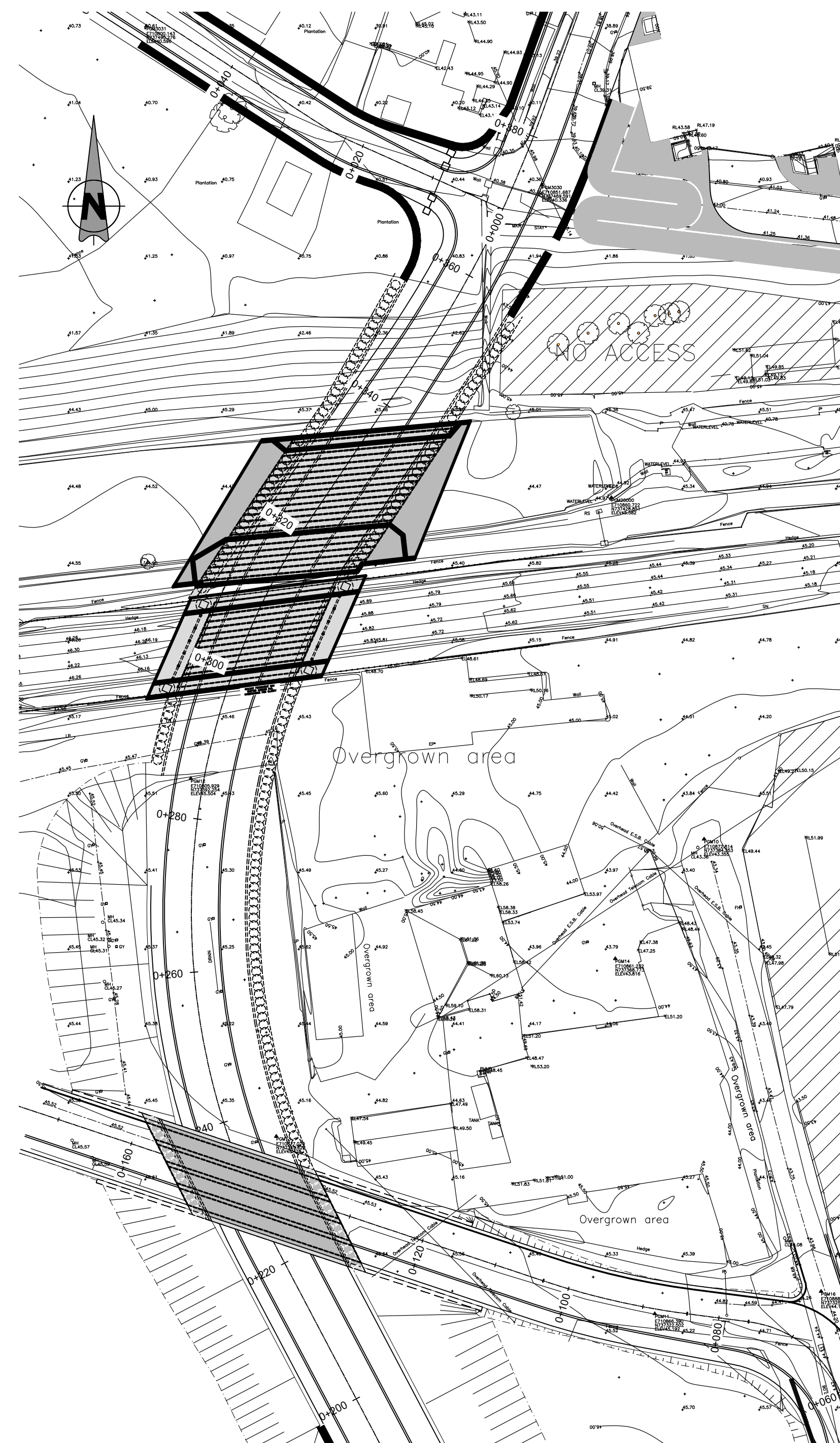




1. TOPOGRAPHICAL SURVEY INFORMATION TAKEN FROM DRAWING NUMBER
MAY-PCA-VTO-SW_AE-MD-VT-3002
2. EXISTING SURFACE WATER DRAINAGE TAKEN FROM MDC DRAWINGS SERIES
MAY-MDC-UTL-LC001-DR-C-0021 to 0025
3. EXISTING COMBINED AND FOLI WATER DRAINAGE TAKEN FROM MDC DRAWINGS
SERIES MAY-MDC-UTL-LC001-DR-C-0021 to 0025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

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

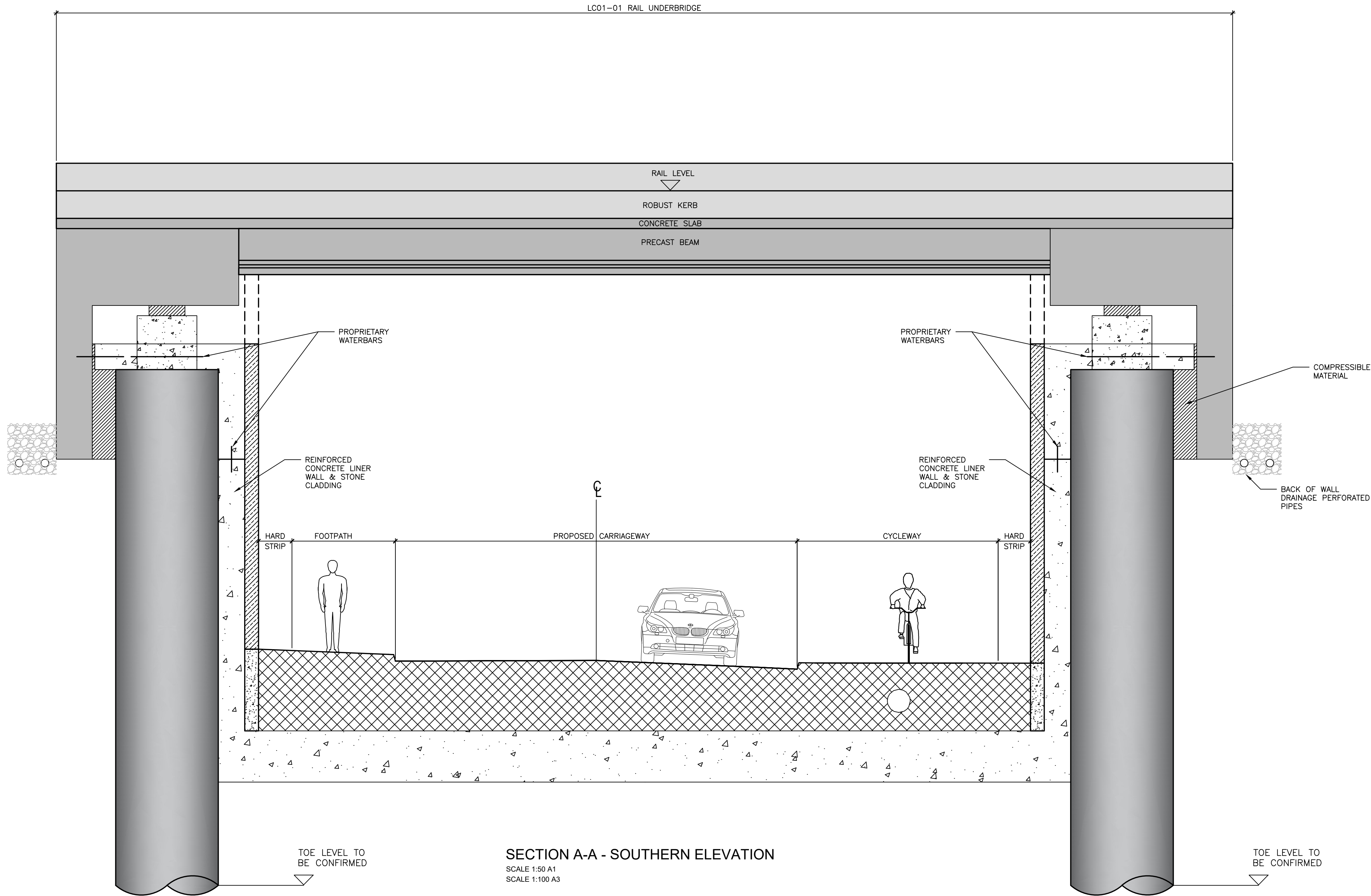
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		GENERAL ARRANGEMENT - PLAN									
		SHEET 1 OF 7									
Scale:		Drawing Number Project Originator Discipline Location Type Role Number Phase									
1:100 @ A1		MAY MDC STR LC01 DR C 0010 C									
		Date: February 2022		Job No: P/101086		Status: S4 - Suitable for Acceptance			Rev: V 03		Sheet: 01 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. 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 MAY-PCA-VTO-SW_AE-M2-VT-3002 DRAWING NUMBER
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



V04	March 2022	HIGHWAY REALIGNED	OS	PC	TL
V03	Sep 2021	REVISED TO INCORPORATE COMMENTS FROM IE	IT	MR	TL
V02	August 2021	PRELIMINARY DESIGN	IT	PC	TL
V01	July 2021	PRELIMINARY DESIGN	IT	PC	MK
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY

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

Client



Consultant



Project



Drawing Title

STRUCTURES DESIGN - LC01: ASHTOWN UNDERPASS
GENERAL ARRANGEMENT - ELEVATIONS
SHEET 2 OF 7

Scale:
1:50 @ A1



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

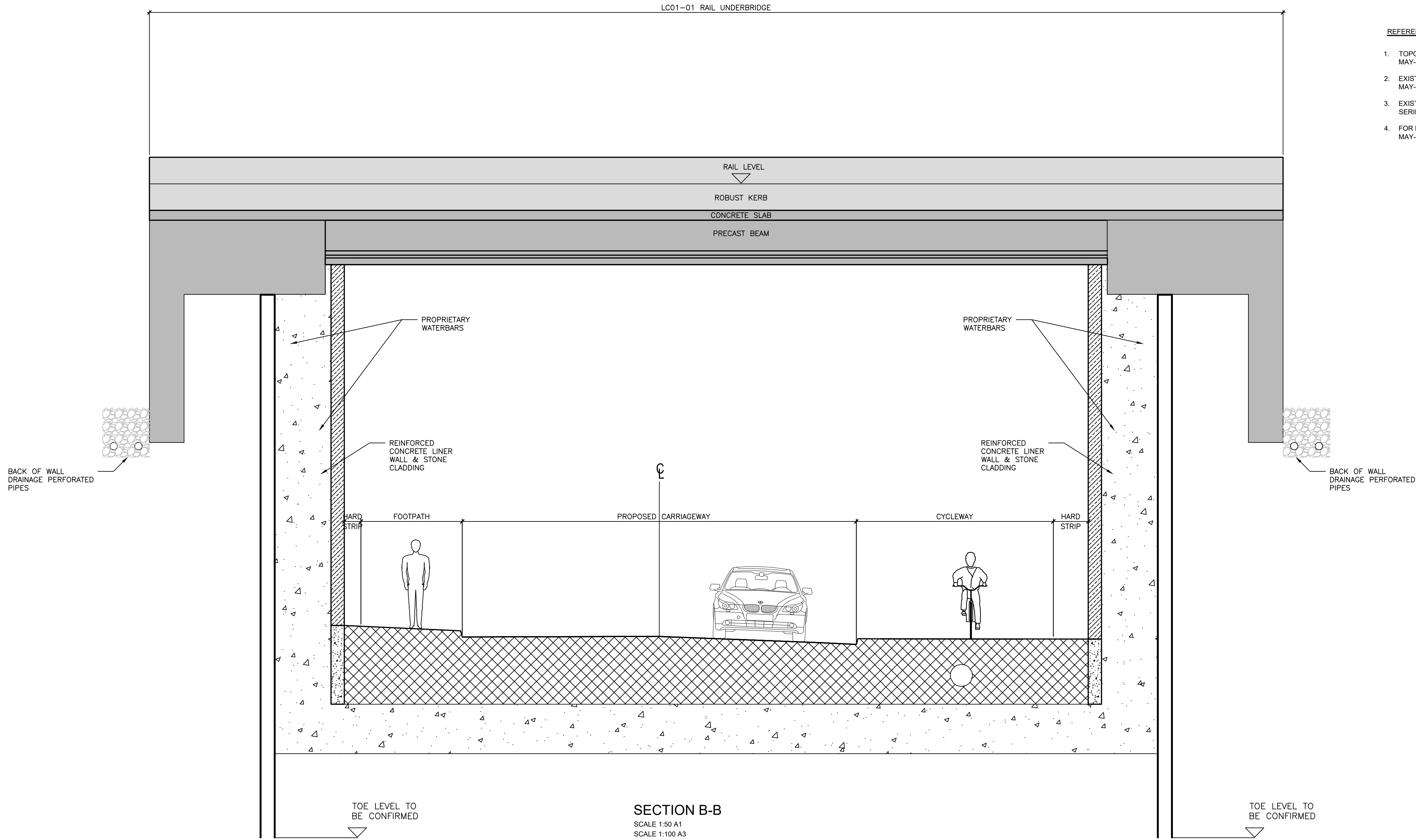
Date: February 2022 Job No: P/101086 Status: S4 - Suitable for Acceptance Rev: V 04 Sheet: 02 of 07

NOTES

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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 MAY-PCA-VTO-SW_AE-M2-VT-3002 DRAWING NUMBER
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



V04	March 2022	HIGHWAY REALIGNED	OS	PC	TL
V03	Sep 2021	REVISED TO INCORPORATE COMMENTS FROM IE	IT	MR	TL
V02	August 2021	PRELIMINARY DESIGN	IT	PC	TL
V01	July 2021	PRELIMINARY DESIGN	IT	PC	MK
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY

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Survey No. **0039721** (OSi Aerial Data or OSi Lidar Data) & Survey No. **2021OSI_NMA_100** (OSi Vector Data).

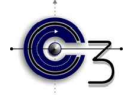
All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control.

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

Client



Consultant



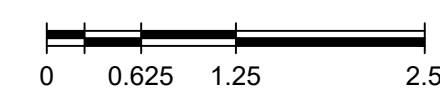
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Drawing Title

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

Scale:
1:50 @ A1



Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC STR LC01 DR C 0012 C

Date: February 2022 Job No: P/101086 Status: S4 - Suitable for Acceptance Rev: V 04 Sheet: 03 of 07

- NOTES

1.

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.

2.

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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 MAY-PCA-VTO-SW_AE-M2-VT-3002

DRAWING NUMBER

2.

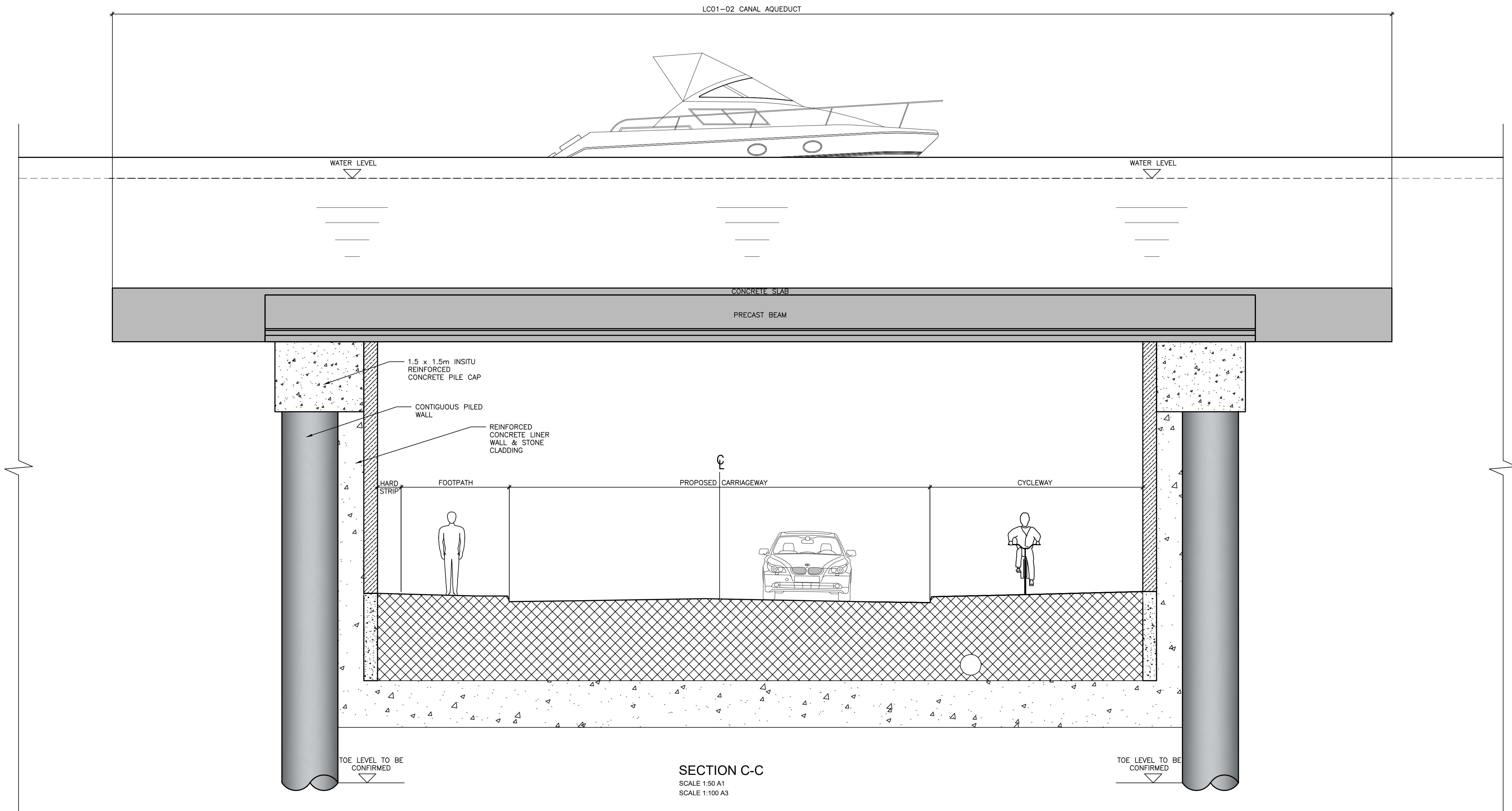
EXISTING SURFACE WATER DRAINAGE TAKEN FROM MDC DRAWINGS SERIES MAY-MDC-UTL-LC001-DR-C-0021 to 0025

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



V04	March 2022	HIGHWAY REALIGNED	OS	PC	TL
V03	Sep 2021	REVISED TO INCORPORATE COMMENTS FROM IE	IT	MR	TL
V02	August 2021	PRELIMINARY DESIGN	IT	PC	TL
V01	July 2021	PRELIMINARY DESIGN	IT	PC	MK
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY

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

Client

Consultant

Project

Drawing Title

STRUCTURES DESIGN - LC01: ASHTOWN UNDERPASS
GENERAL ARRANGEMENT - CROSS SECTIONS
SHEET 4 OF 7

Scale:

1:50 @ A1

Drawing Number

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

MAY MDC STR LC01 DR C 0013 C

Date:

February 2022

Job No:

P/101086

Status:

S4 - Suitable for Acceptance

Rev:

V 04

Sheet:

04 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.

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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.

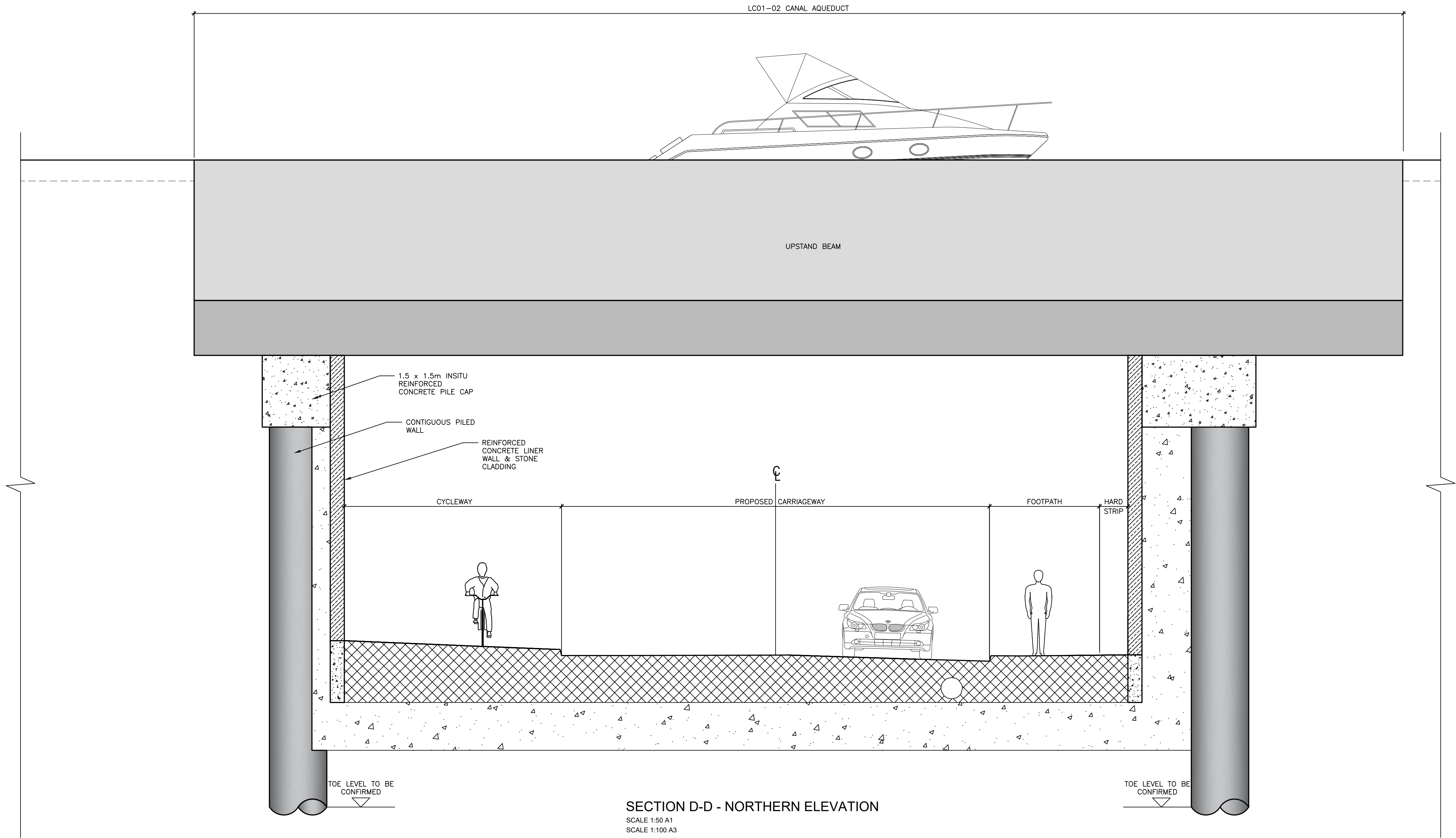
- REFERENCE INFORMATION
1. TOPOGRAPHICAL SURVEY INFORMATION TAKEN FROM MAY-PCA-VTO-SW_AE-M2-VT-3002

DRAWING NUMBER

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



V04	March 2022	HIGHWAY REALIGNED	OS	PC	TL
V03	Sep 2021	REVISED TO INCORPORATE COMMENTS FROM IE	IT	MR	TL
V02	August 2021	PRELIMINARY DESIGN	IT	PC	TL
V01	July 2021	PRELIMINARY DESIGN	IT	PC	MK
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY

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Client

Consultant

Project

Drawing Title

STRUCTURES DESIGN - LC01: ASHTOWN UNDERPASS
GENERAL ARRANGEMENT - ELEVATIONS
SHEET 5 OF 7

Scale:
1:50 @ A1

Drawing Number

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

MAY MDC STR LC01 DR C 0014 C

Date:

February 2022

Job No:

P/101086

Status:

S4 - Suitable for Acceptance

Rev:

V 04

Sheet:

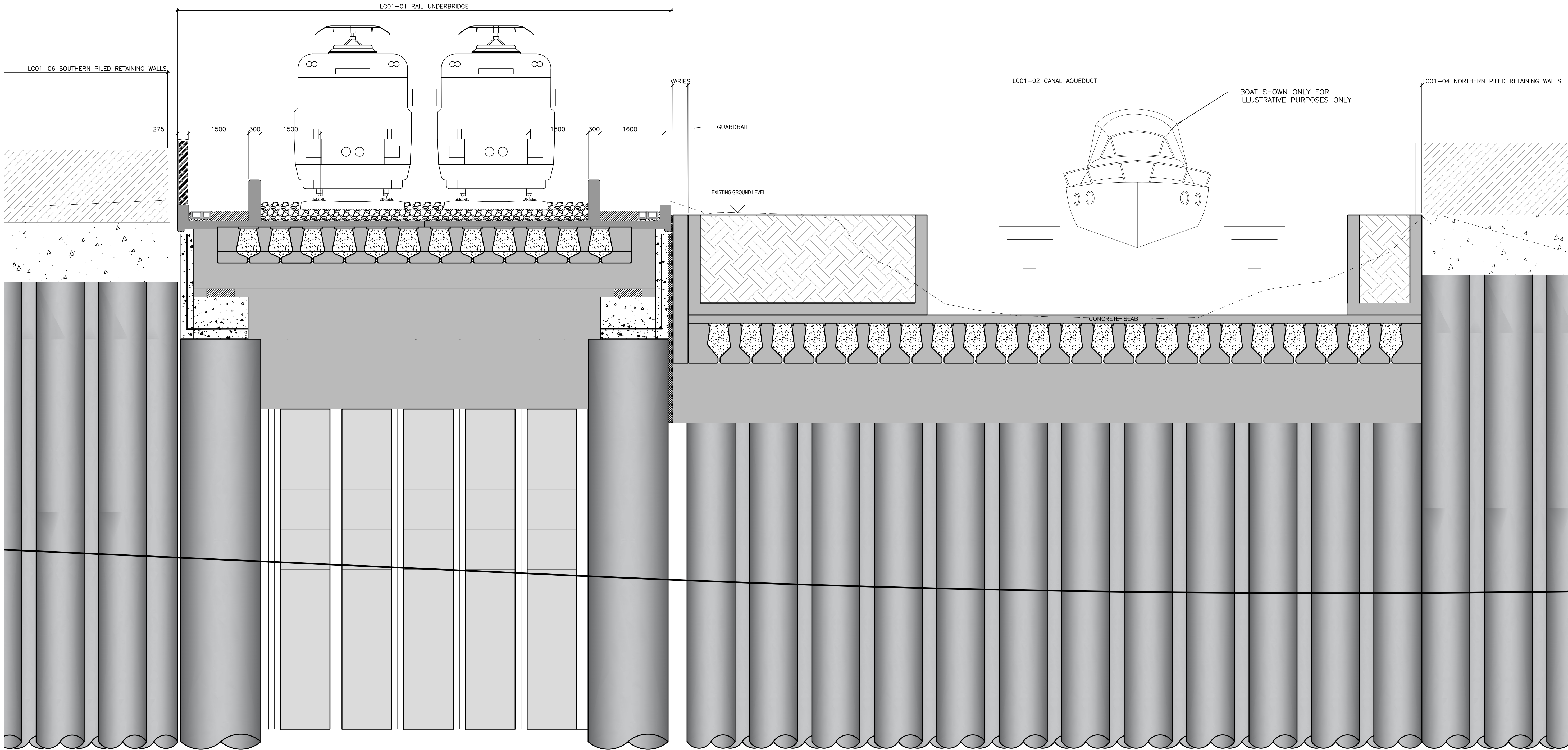
05 of 07

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. ALL LEVELS ARE IN METRES ABOVE NATIONAL ORDNANCE DATUM UNLESS NOTED OTHERWISE.
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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 MAY-PCA-VTO-SW_AE-M2-VT-3002 DRAWING NUMBER
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 E-E - LONGITUDINAL SECTION

SCALE 1:50 A1
SCALE 1:100 A3

V04	March 2022	HIGHWAY REALIGNED	OS	PC	TL
V03	Sep 2021	REVISED TO INCORPORATE COMMENTS FROM IE	IT	MR	TL
V02	August 2021	PRELIMINARY DESIGN	IT	PC	TL
V01	July 2021	PRELIMINARY DESIGN	IT	PC	MK
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY

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Client



Consultant



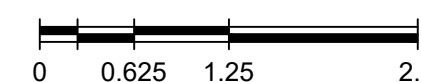
Project



Drawing Title

STRUCTURES DESIGN - LC01: ASHTOWN UNDERPASS
GENERAL ARRANGEMENT - LONGITUDINAL SECTION
SHEET 6 OF 7

Scale:
1:50 @ A1



Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC STR LC01 DR C 0015 C

Date:
February 2022

Job No:
P/101086

Status:
S4 - Suitable for Acceptance

Rev:
V 04

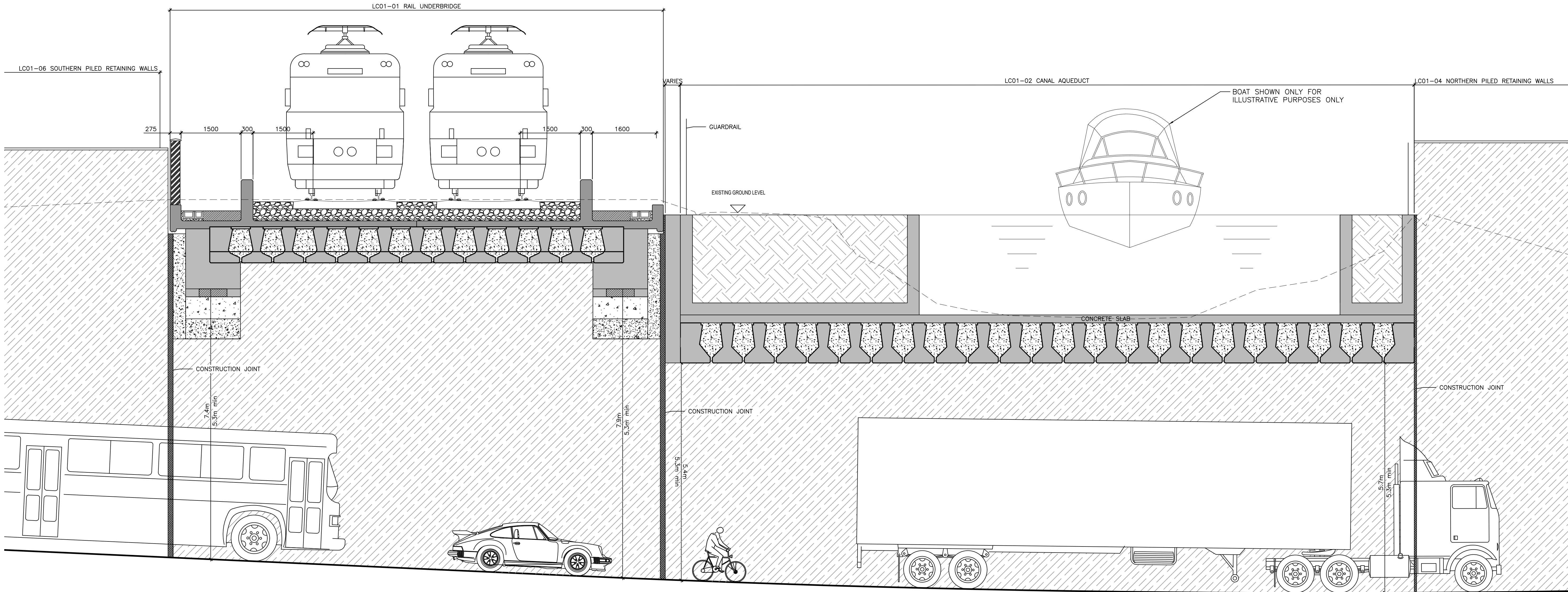
Sheet: 06 of 07

NOTES

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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.
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REFERENCE INFORMATION

1. TOPOGRAPHICAL SURVEY INFORMATION TAKEN FROM MAY-PCA-VTO-SW_AE-M2-VT-3002 DRAWING NUMBER
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 F-F - ILLUSTRATIVE LONGITUDINAL SECTION

SCALE 1:50 A1
SCALE 1:100 A3

V04	March 2022	HIGHWAY REALIGNED	OS	PC	TL
V03	Sep 2021	REVISED TO INCORPORATE COMMENTS FROM IE	IT	MR	TL
V02	August 2021	PRELIMINARY DESIGN	IT	PC	TL
V01	July 2021	PRELIMINARY DESIGN	IT	PC	MK
REV.	DATE	DESCRIPTION	PRODUCED BYREVIEWED BYAPPROVED BY		

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Client



Consultant



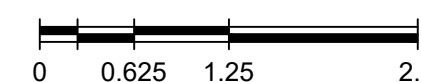
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Drawing Title

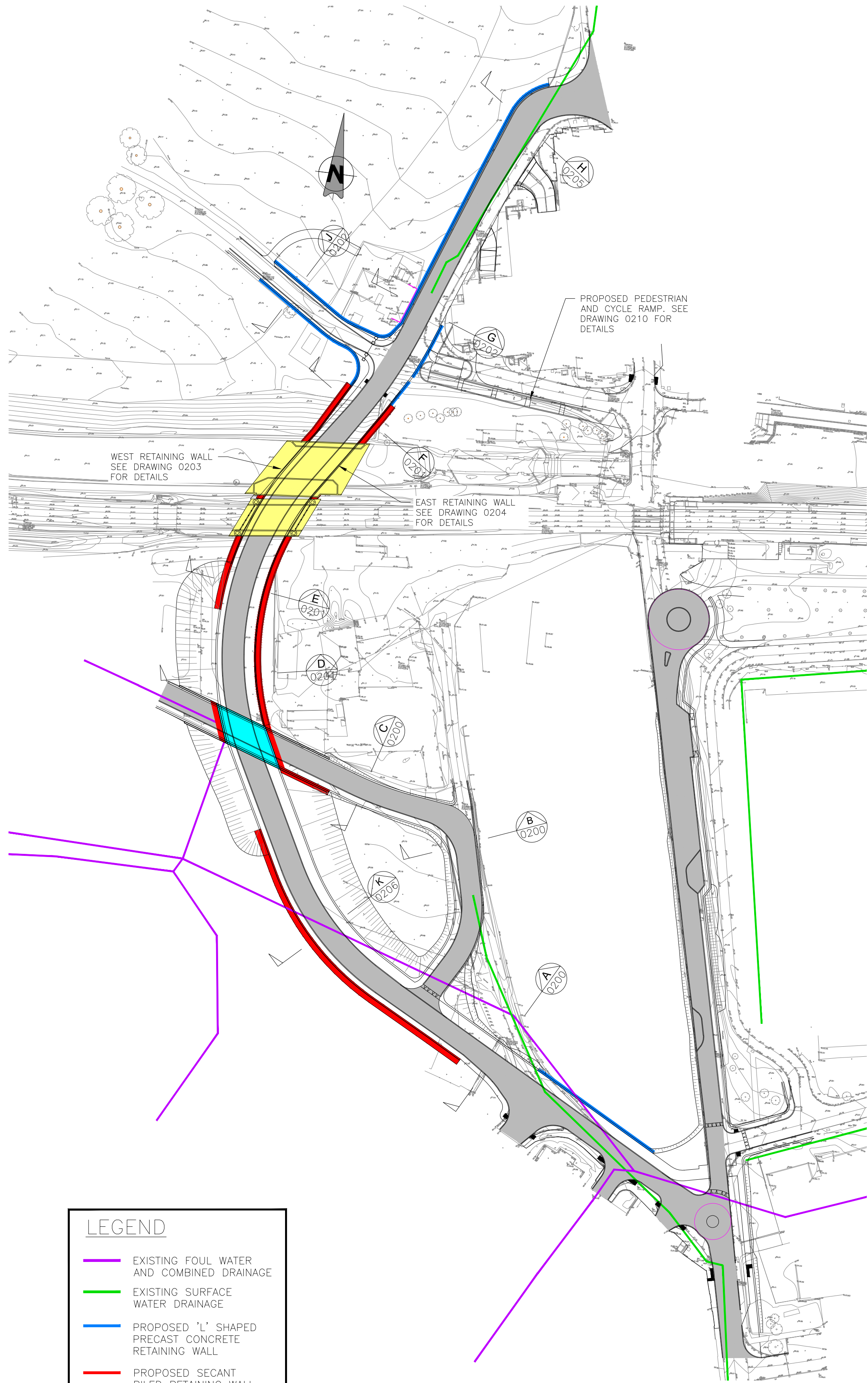
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GENERAL ARRANGEMENT - LONGITUDINAL SECTION
SHEET 7 OF 7

Scale:
1:50 @ A1

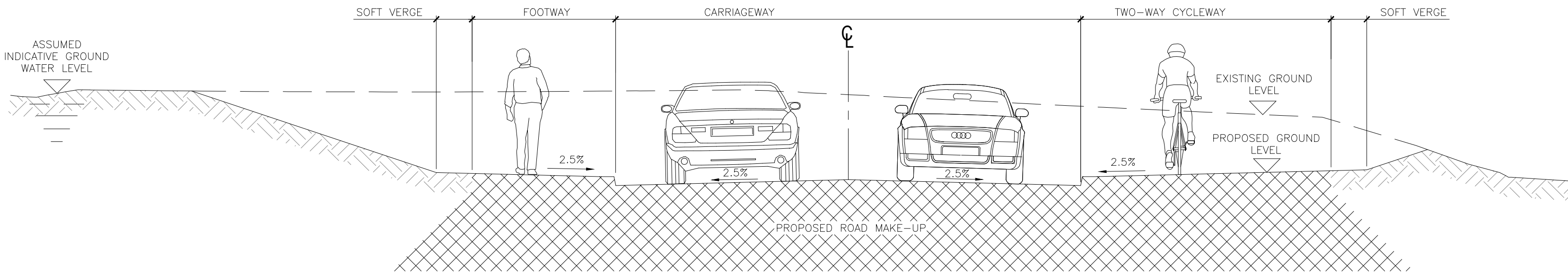


Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC STR LC01 DR C 0016 C

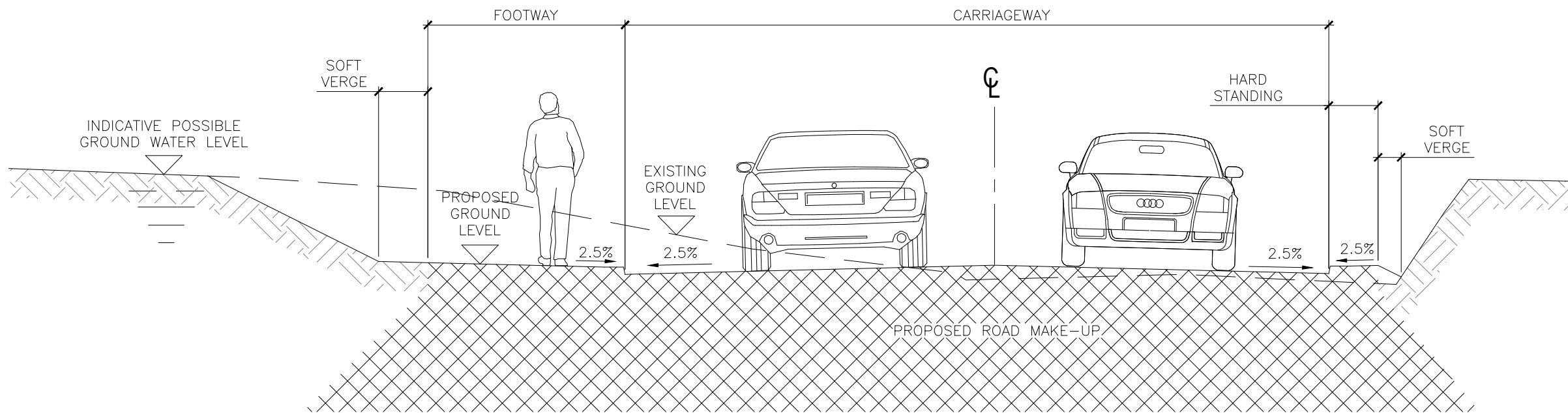
Date: February 2022 Job No: P/101086 Status: S4 - Suitable for Acceptance Rev: V 04 Sheet: 07 of 07



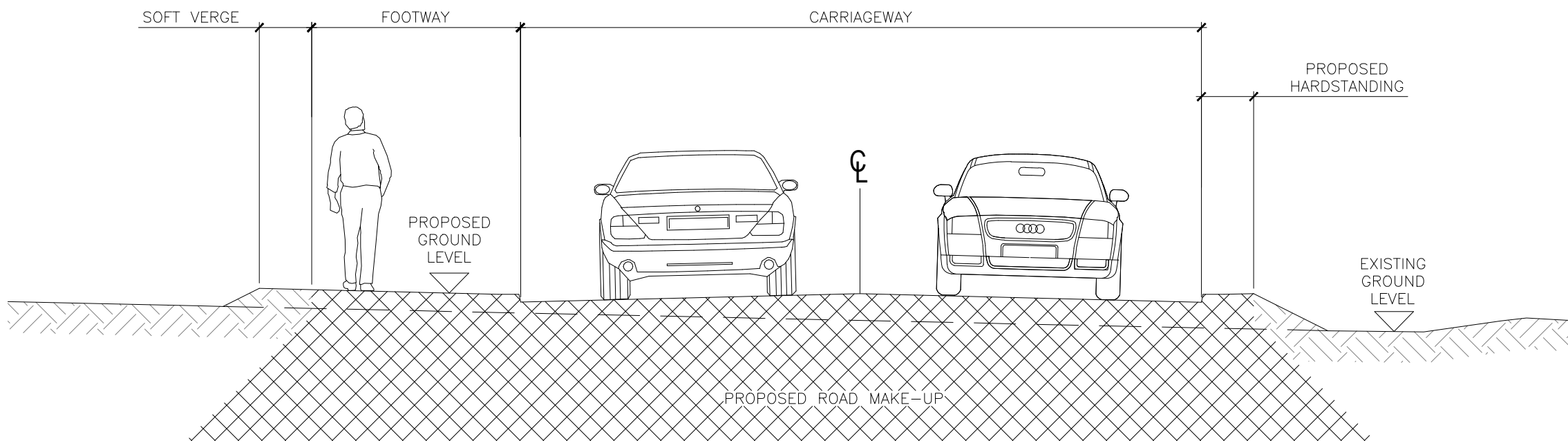
PLAN
SCALE 1:1000 A1
SCALE 1:2000 A3



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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 - 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

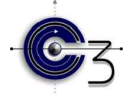
V03	March 2022	HIGHWAY REALIGNED	AG	PC	TL
V02	August 2021	PRELIMINARY DESIGN	IT	PC	TL
V01	July 2021	PRELIMINARY DESIGN	AG	PC	MK
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY

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Client



Consultant



Project

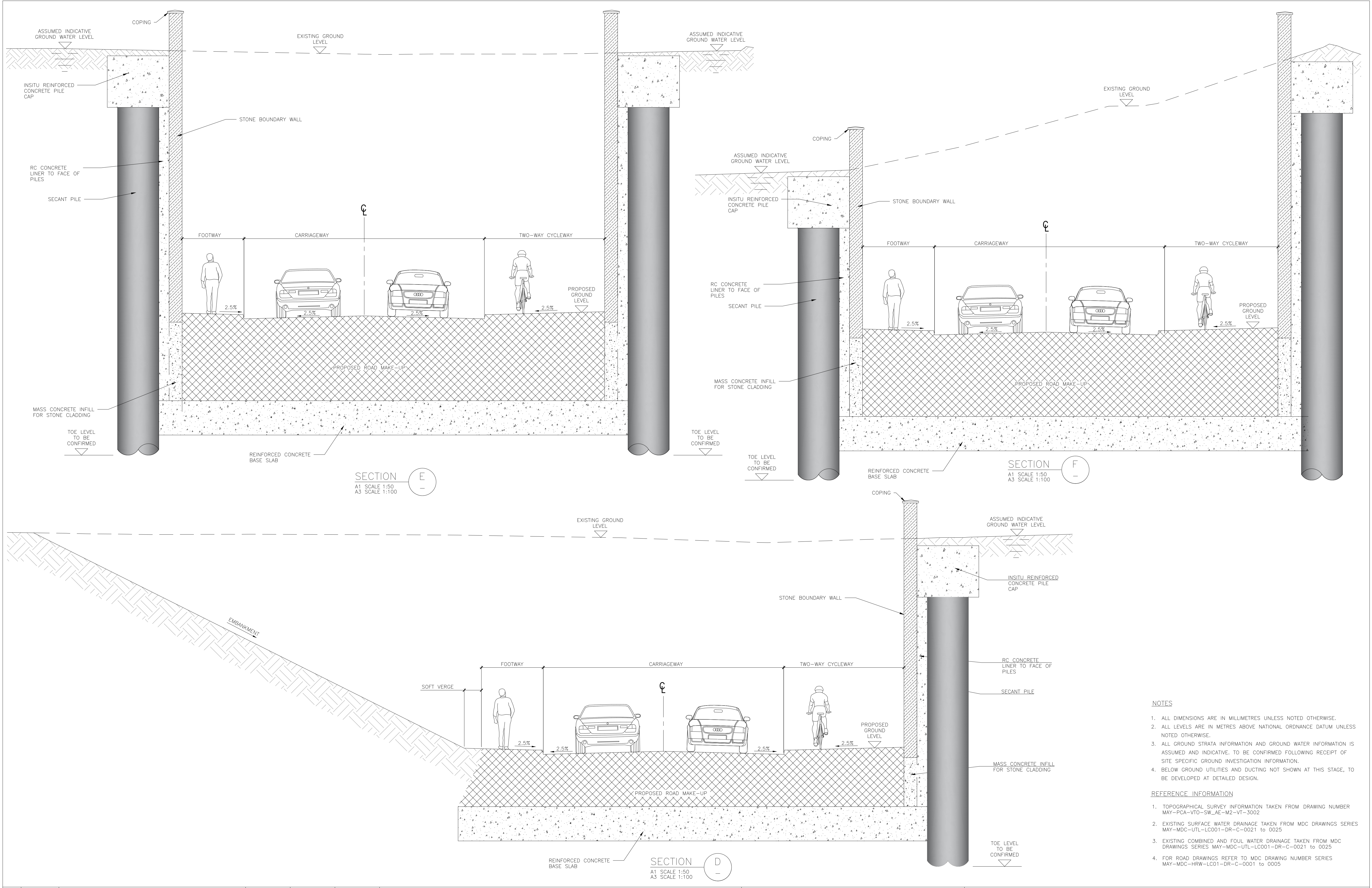


Drawing Title

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

Scale:
1:50 @ A1
0 0.625 1.25 2.5

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
MAY MDC STR LC01 DR C 0200	C							
Date: March 2022	Job No: P/101086	Status: S4 - Suitable for Acceptance	Rev: V 03	Sheet: 01 of 07				



- NOTES**
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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

V03 March 2022 HIGHWAY REALIGNED		AG	PC	TL	
V02 August 2021 PRELIMINARY DESIGN		IT	PC	TL	
V01 July 2021 PRELIMINARY DESIGN		AG	PC	MK	
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY

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Tionscadal Éireann
Project Ireland
2040



NTA
Udarás Náisiúnta Iompair
National Transport Authority



larnród Éireann
Irish Rail



ROUGHAN & O'DONOVAN



DART+
West

Scale:
1:50 @ A1



0 0.625 1.25 2.5

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

MAY MDC STR LC01 DR C 0201 C

Date: March 2022

Job No: P/101086

Status: S4 - Suitable for Acceptance

Rev: V 03

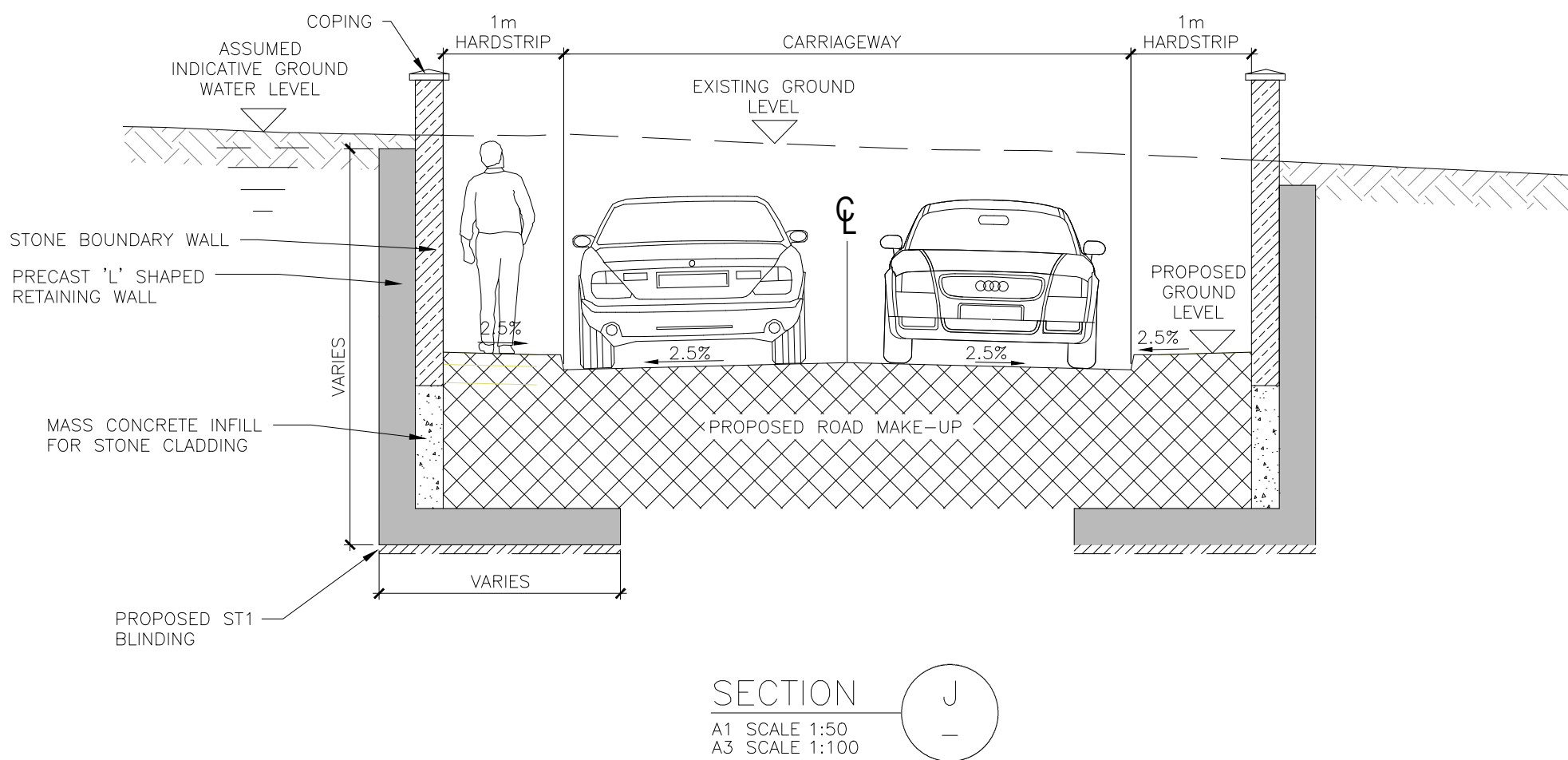
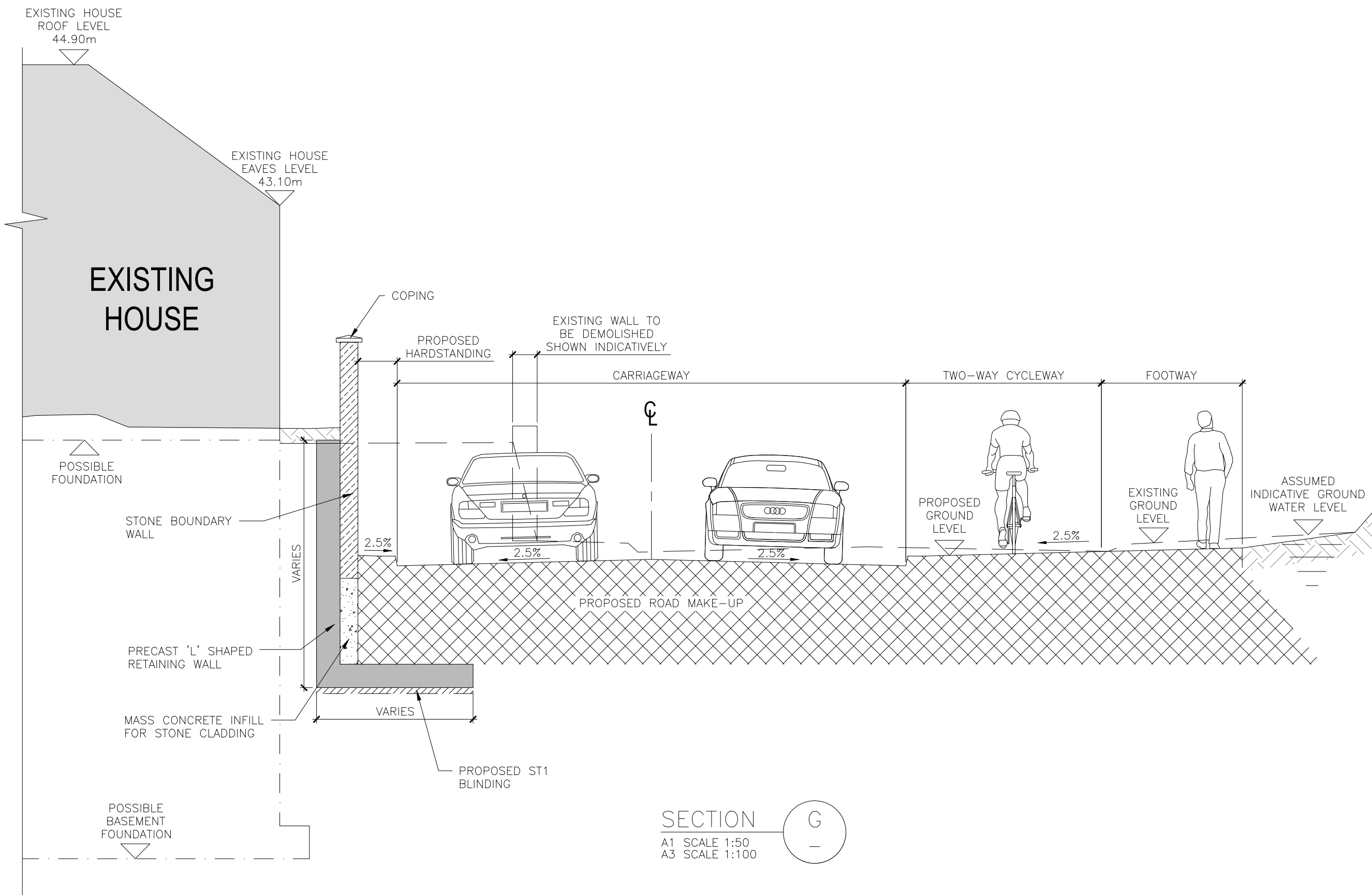
Sheet: 02 of 07

NOTES

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



V03	March 2022	HIGHWAY REALIGNED	AG	PC	TL
V02	August 2021	PRELIMINARY DESIGN	IT	PC	TL
V01	July 2021	PRELIMINARY DESIGN	AG	PC	MK
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY

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Client



Consultant



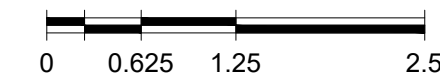
Project



Drawing Title

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

Scale:
1:50 @ A1



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

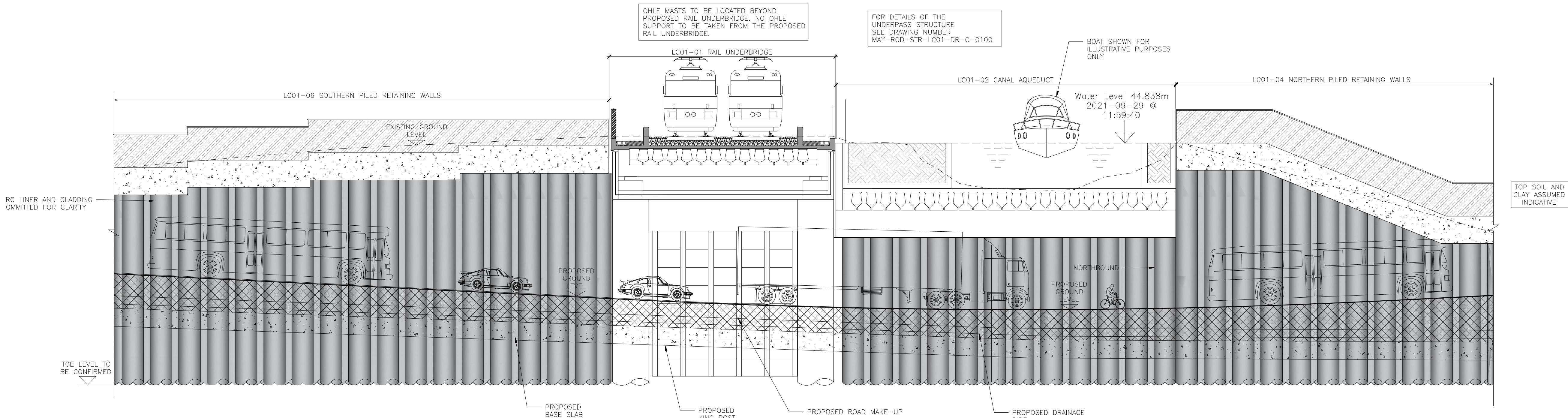
Date: March 2022 | Job No: P/101086 | Status: S4 - Suitable for Acceptance | Rev: V 03 | Sheet: 03 of 07

NOTES

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ELEVATION WEST RETAINING WALL

A1 SCALE 1:125
A3 SCALE 1:250

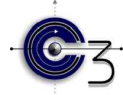
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V02	August 2021	PRELIMINARY DESIGN	IT	PC	TL
V01	July 2021	PRELIMINARY DESIGN	AG	PC	MK
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY

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Client



Consultant



Project



Drawing Title

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

Scale:
1:125 @ A1
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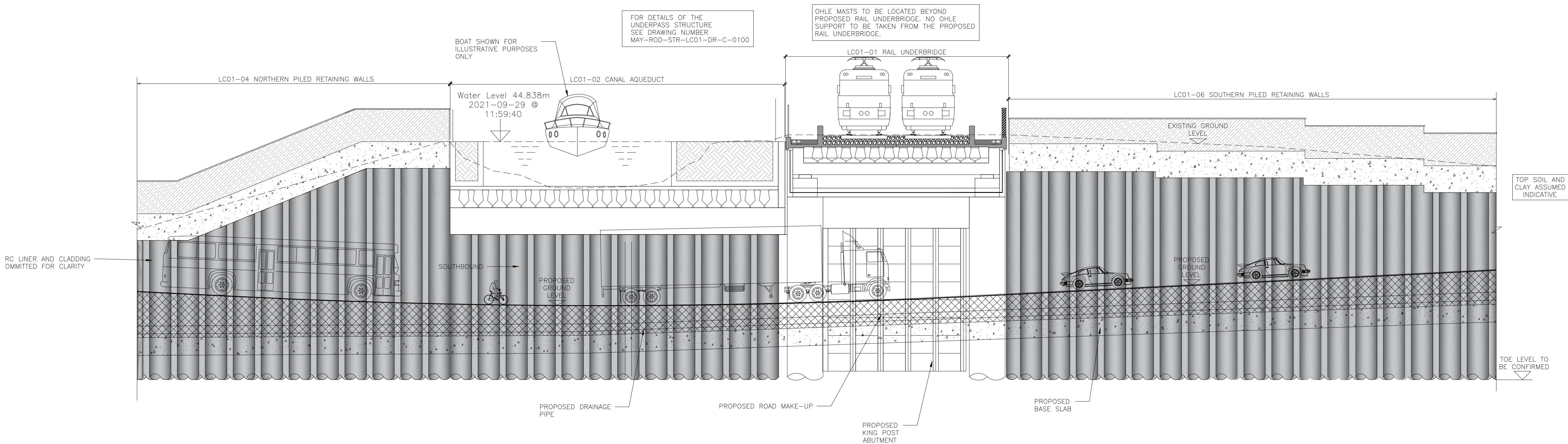
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MAY	MDC	STR	LC01	DR	C	0203	C	
Date:	March 2022	Job No:	P/101086	Status:	S4 - Suitable for Acceptance	Rev:	V 03	Sheet: 04 of 07

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ELEVATION EAST RETAINING WALL

A1 SCALE 1:125
A3 SCALE 1:250

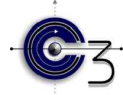
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V02	August 2021	PRELIMINARY DESIGN	IT	PC	TL
V01	July 2021	PRELIMINARY DESIGN	AG	PC	MK
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Client



Consultant



Project



Drawing Title

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

Scale:
1:125 @ A1
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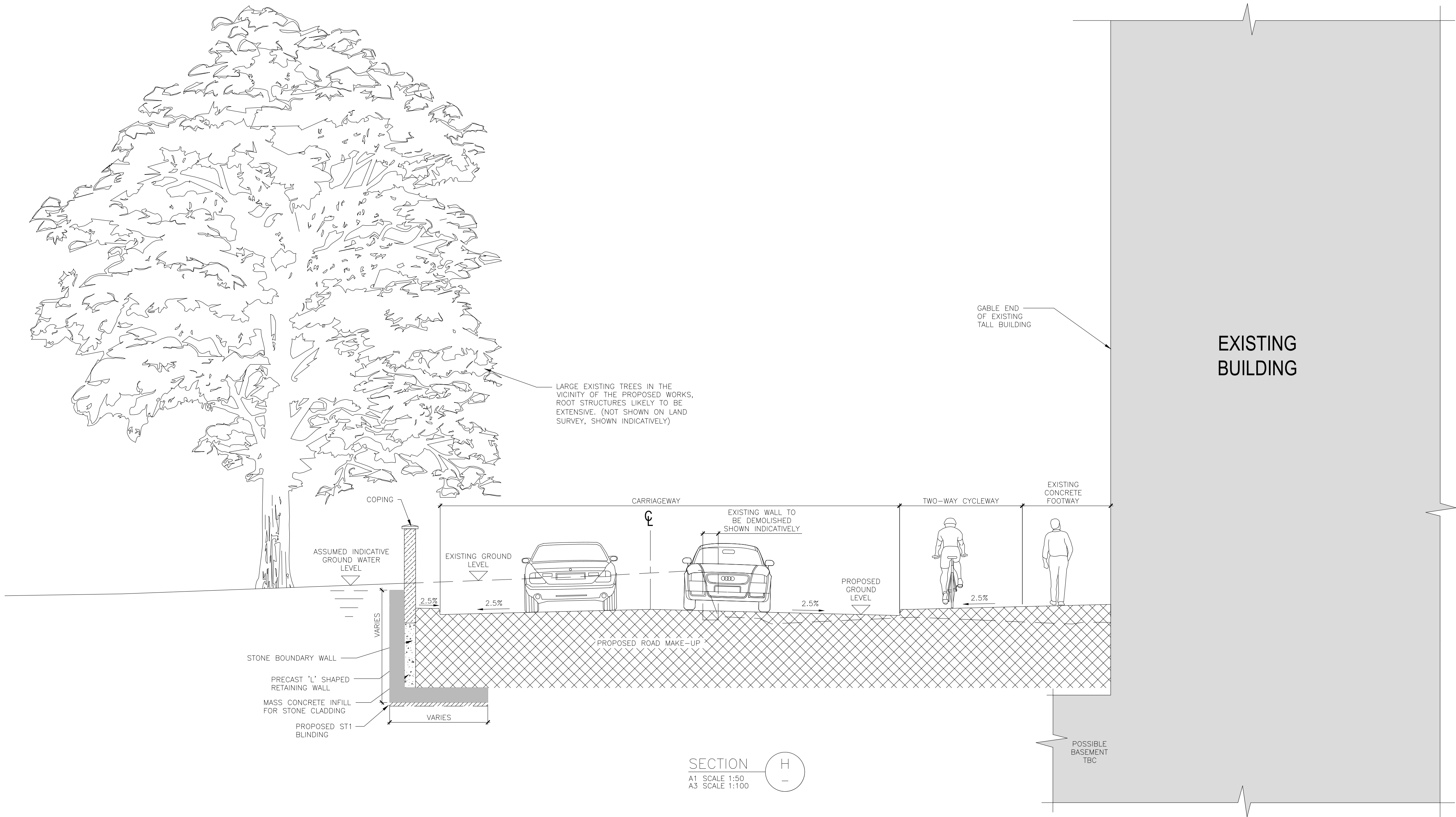
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MAY	MDC	STR	LC01	DR	C	0204	C	
Date:	March 2022	Job No:	P/101086	Status:	S4 - Suitable for Acceptance	Rev:	V 03	Sheet: 05 of 07

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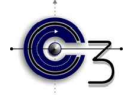
V03	March 2022	HIGHWAY REALIGNED	AG	PC	TL
V02	August 2021	PRELIMINARY DESIGN	IT	PC	TL
V01	July 2021	PRELIMINARY DESIGN	AG	PC	MK
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY

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Client



Consultant



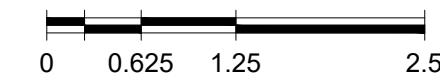
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Drawing Title

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

Scale:
1:50 @ A1



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

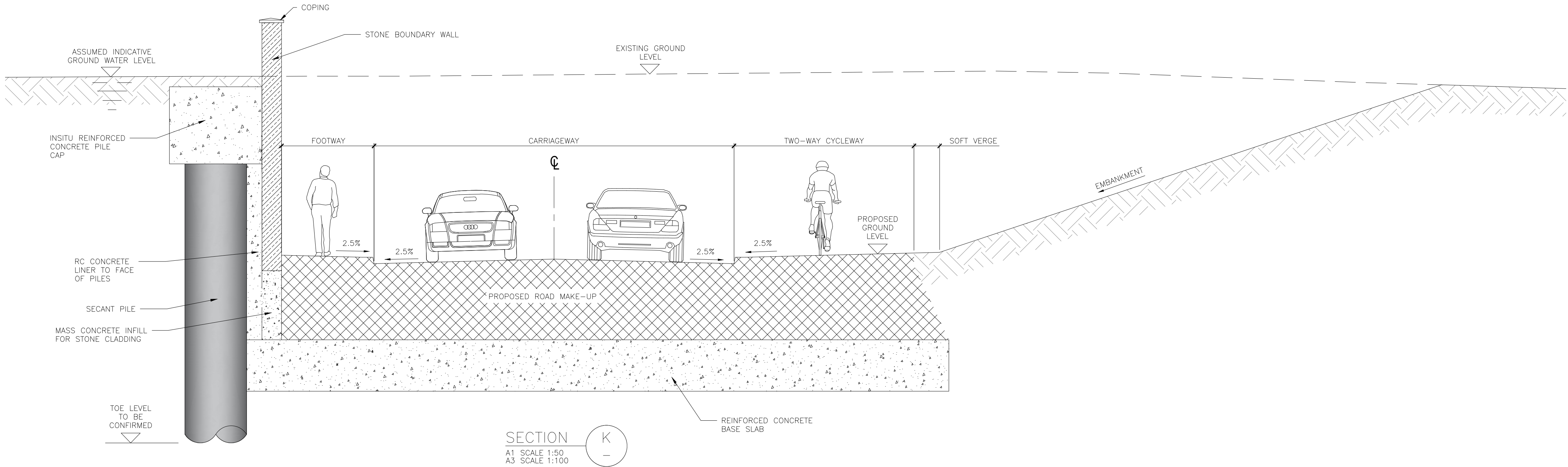
Date: March 2022 | Job No: P/101086 | Status: S4 - Suitable for Acceptance | Rev: V 03 | Sheet: 06 of 07

NOTES

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



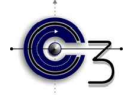
V03	March 2022	HIGHWAY REALIGNED	AG	PC	TL
V02	August 2021	PRELIMINARY DESIGN	IT	PC	TL
V01	July 2021	PRELIMINARY DESIGN	AG	PC	MK
REV.	DATE	DESCRIPTION	PRODUCED BY REVIEWED BY APPROVED BY		

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Client



Consultant



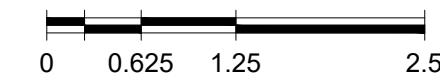
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Drawing Title

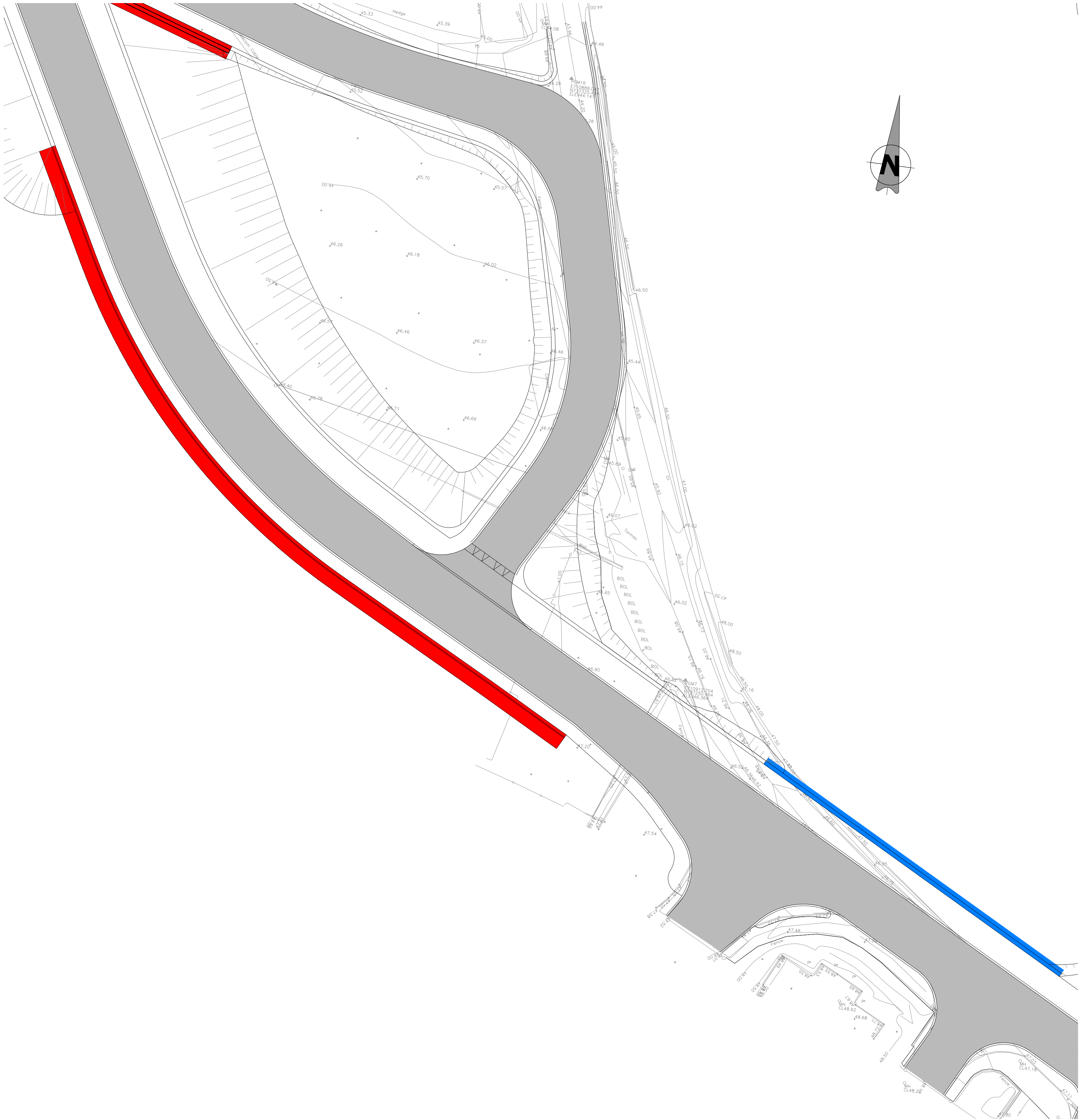
STRUCTURES DESIGN - LC01: ASHTOWN UNDERPASS - RETAINING WALLS
GENERAL ARRANGEMENT - SECTIONS
SHEET 7 OF 7

Scale:
1:50 @ A1



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

Date: March 2022 | Job No: P/101086 | Status: S4 - Suitable for Acceptance | Rev: V 03 | Sheet: 07 of 07

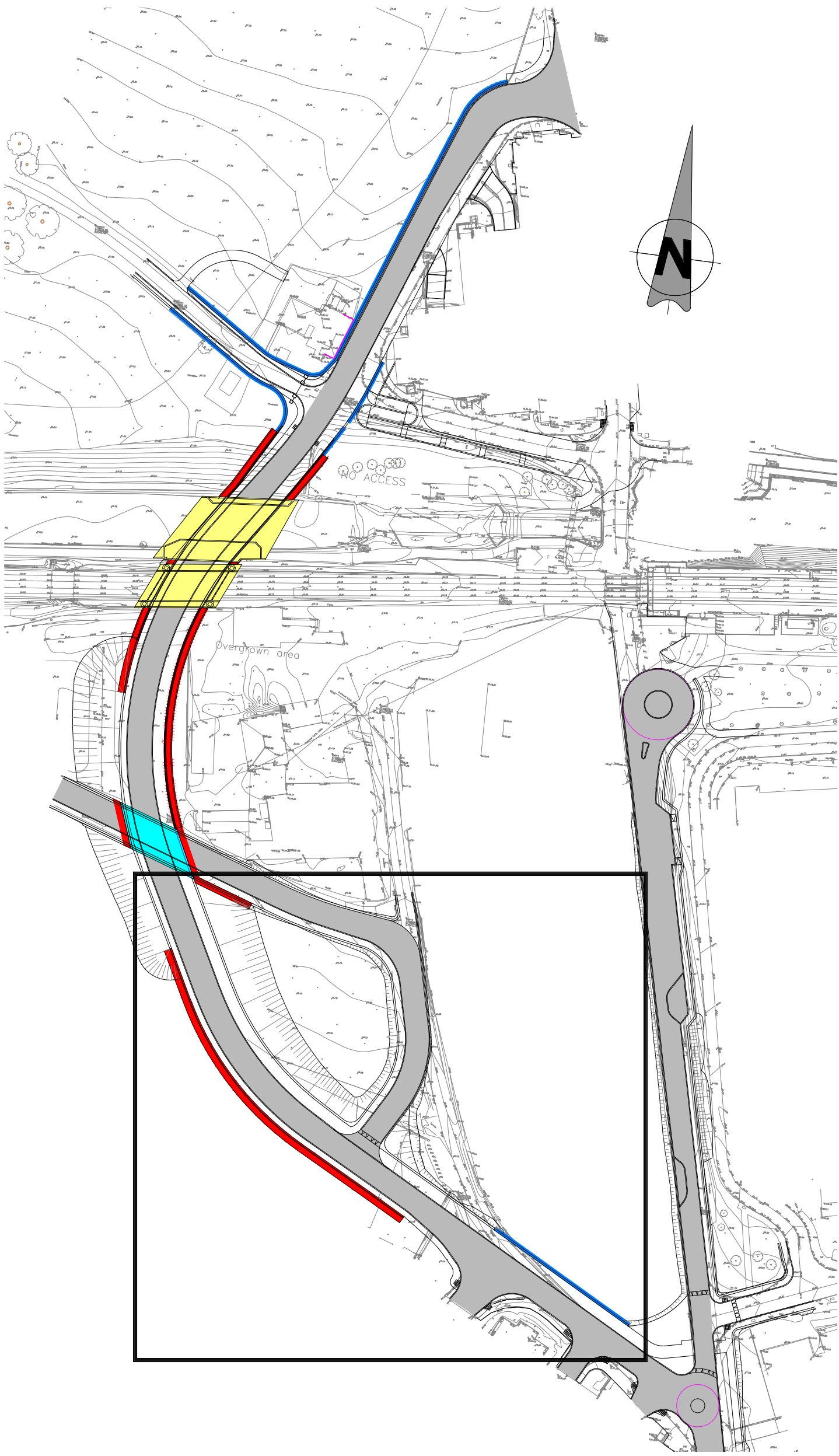


PLAN
SCALE 1:300 A1
SCALE 1:600 A3

LEGEND

- PROPOSED SECANT PILED RETAINING WALL
- PROPOSED 'L' SHAPED PRECAST CONCRETE RETAINING WALL
- PROPOSED UNDERPASS
- PROPOSED OVERBRIDGE

- NOTES**
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KEY PLAN
SCALE 1:1250 A1
SCALE 1:2500 A3

V03	March 2022	HIGHWAY REALIGNED	AG	PC	TL
V02	August 2021	PRELIMINARY DESIGN	IT	PC	TL
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Client

Consultant

Project

Project

Drawing Title

STRUCTURES DESIGN - LC01: ASHTOWN UNDERPASS - RETAINING WALLS
LOCATION PLAN
SHEET 1 OF 3

Scale: 1:200 @ A1

Drawing Number

Project

Originator

Discipline

Location

Type

Role

Number

Phase

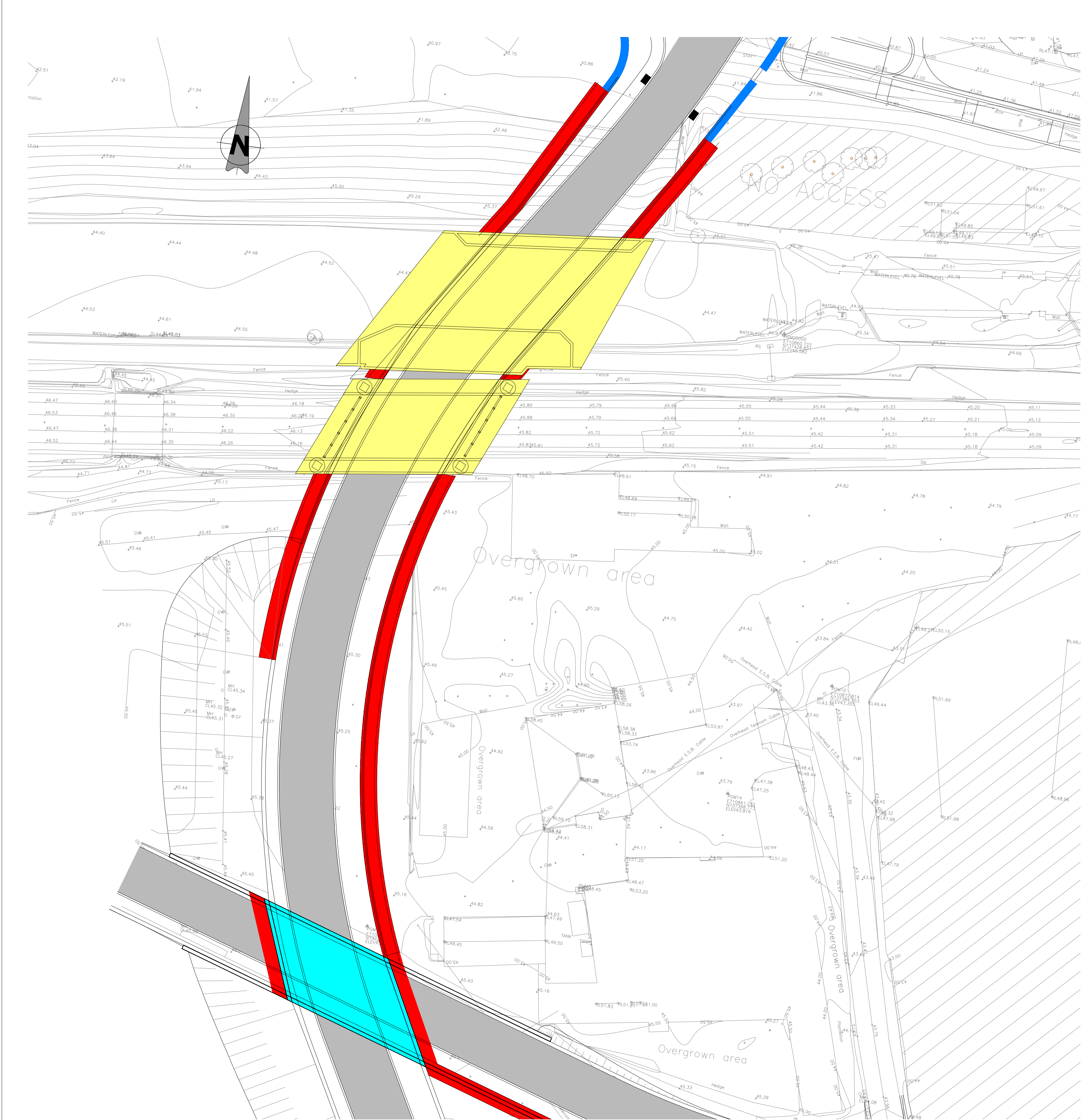
Date: March 2022

Job No: P/101086

Status: S4 - Suitable for Acceptance

Rev: V 03

Sheet: 01 of 03

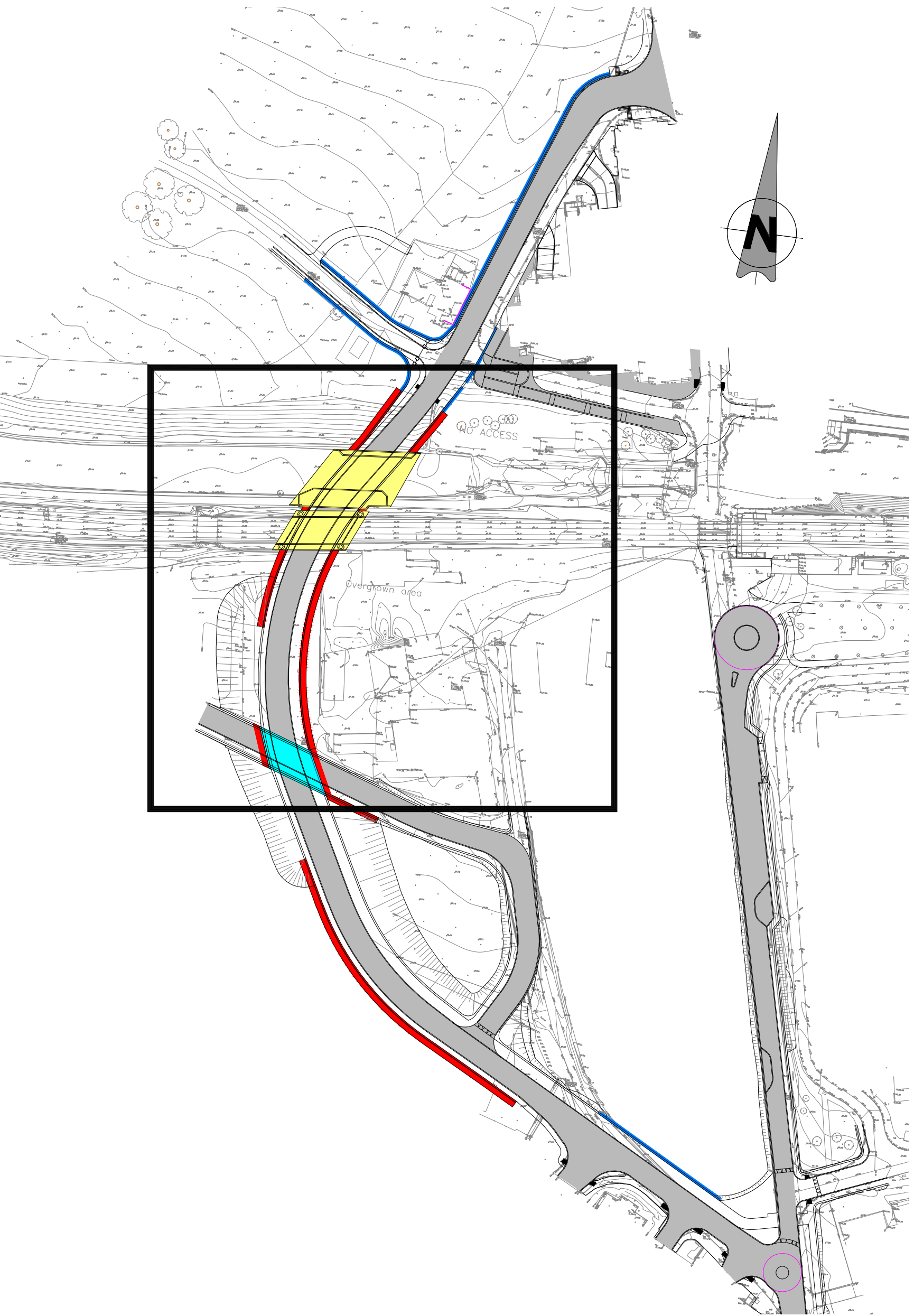


PLAN
SCALE 1:300 A1
SCALE 1:600 A3

LEGEND

- PROPOSED SECANT PILED RETAINING WALL
- PROPOSED 'L' SHAPED PRECAST CONCRETE RETAINING WALL
- PROPOSED UNDERPASS
- PROPOSED OVERBRIDGE

- NOTES
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KEY PLAN
SCALE 1:1250 A1
SCALE 1:2500 A3

V03	March 2022	HIGHWAY REALIGNED	AG	PC	TL
V02	August 2021	PRELIMINARY DESIGN	IT	PC	TL
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Client

Consultant

Tionscadal Éireann 2040
Project Ireland 2040

NTA
Udaráis Náisiúnta Iompar
National Transport Authority

Iarnród Éireann
Irish Rail

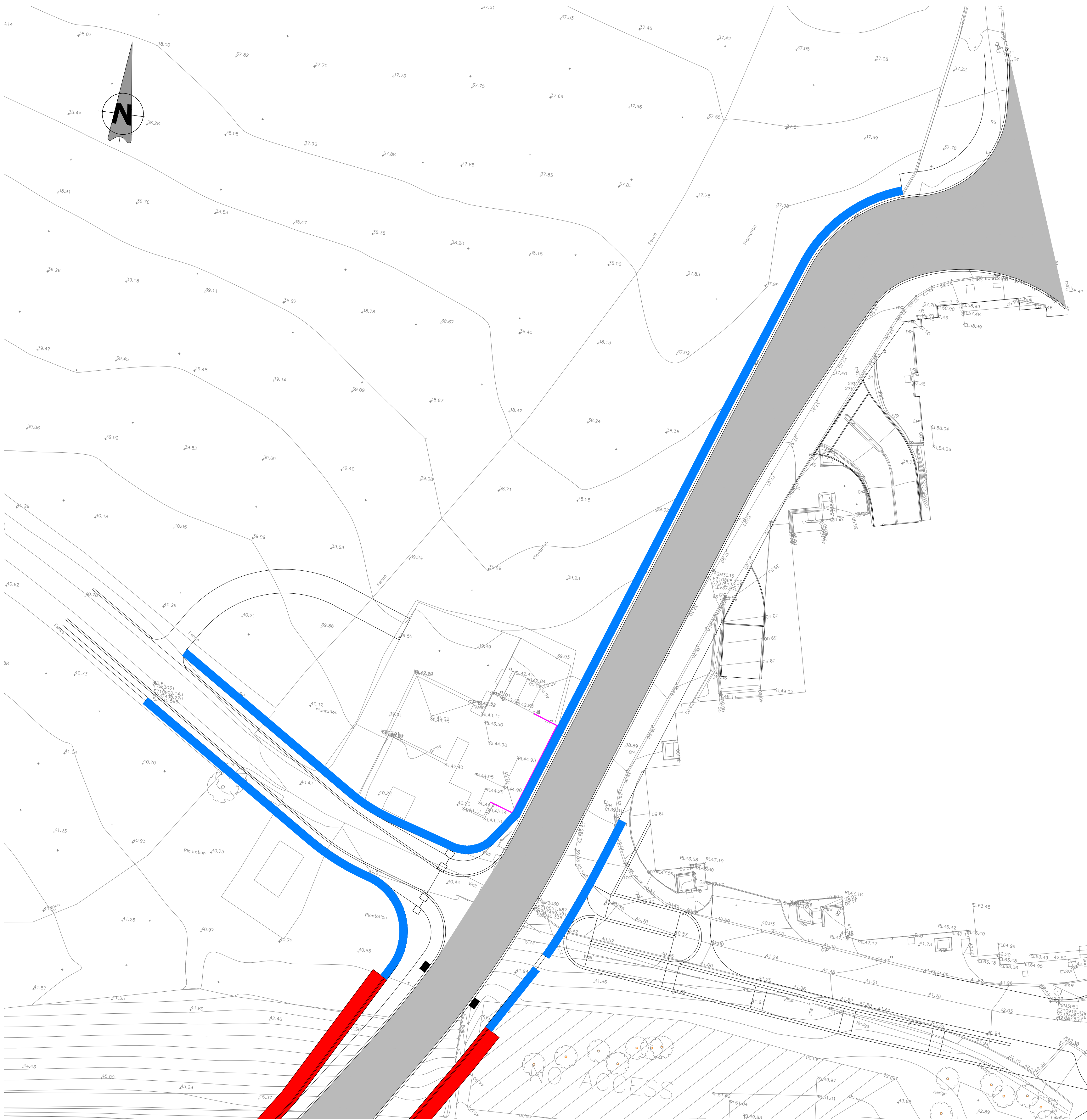
IDOM

ROD
ROUGHAN & O'DONOVAN

Project

DART+
West

Drawing Title	STRUCTURES DESIGN - LC01: ASHTOWN UNDERPASS - RETAINING WALLS LOCATION PLAN SHEET 2 OF 3									
Scale: 1:200 @ A1	Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase	
	MAY	MDC	STR	LC01	DR	C	0208	C		
Date: March 2022	Job No: P/101086	Status: S4 - Suitable for Acceptance	Rev: V 03	Sheet: 02 of 03						



PLAN
SCALE 1:300 A1
SCALE 1:600 A3

LEGEND

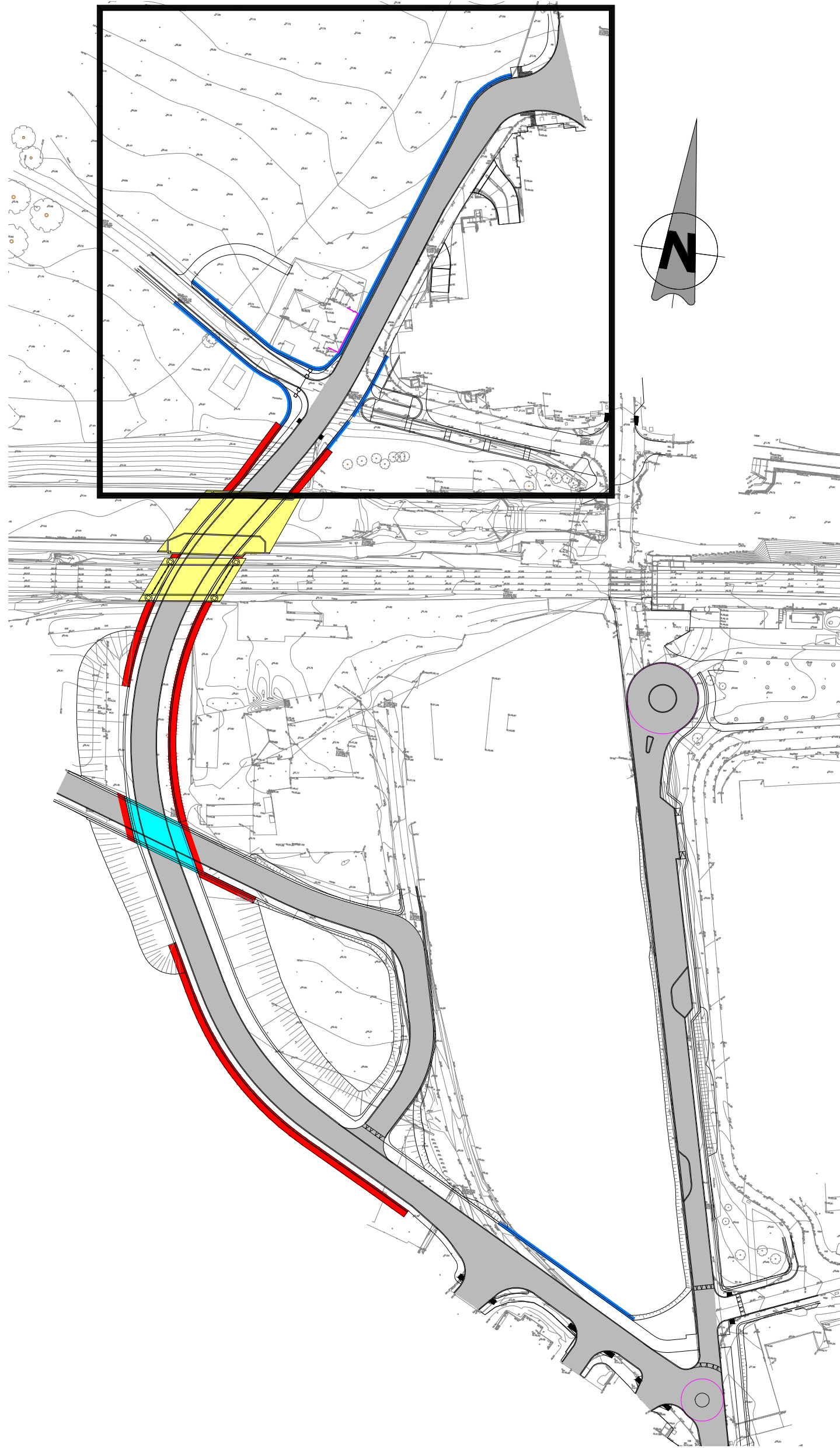
- PROPOSED SECANT PILED RETAINING WALL
- PROPOSED 'L' SHAPED PRECAST CONCRETE RETAINING WALL
- PROPOSED UNDERPASS
- PROPOSED OVERBRIDGE

NOTES

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KEY PLAN
SCALE 1:1250 A1
SCALE 1:2500 A3

V03	March 2022	HIGHWAY REALIGNED	AG	PC	TL
V02	August 2021	PRELIMINARY DESIGN	IT	PC	TL
V01	July 2021	PRELIMINARY DESIGN	AG	PC	MK
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY

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© 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. 2021/OSI_NMA_180 (OSI Vector Data).
All elevations are in metres and relate to OSI Geoid 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



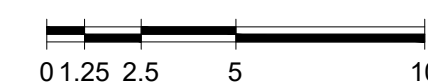
Consultant



Drawing Title

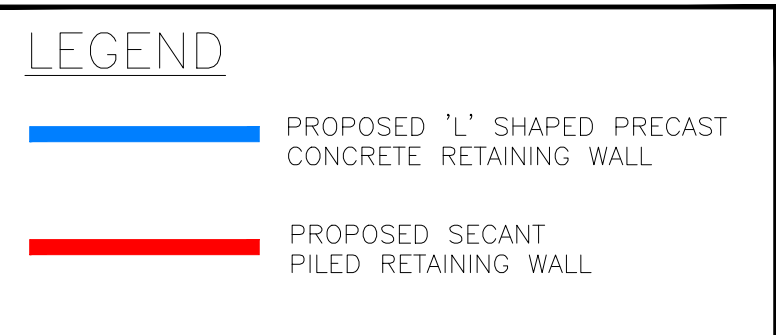
STRUCTURES DESIGN - LC01: ASHTOWN UNDERPASS - RETAINING WALLS
LOCATION PLAN
SHEET 3 OF 3

Scale:
1:200 @ A1



Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC STR LC01 DR C 0209 C

Date: March 2022 | Job No: P/101086 | Status: S4 - Suitable for Acceptance | Rev: V 03 | Sheet: 03 of 03



A1 SCALE 1:250
A3 SCALE 1:500



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.

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

Date: March 2022	Job No: P/101086	Status: S4 - Suitable for Acceptance	Rev: V 03	Sheet: 01 of 1
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