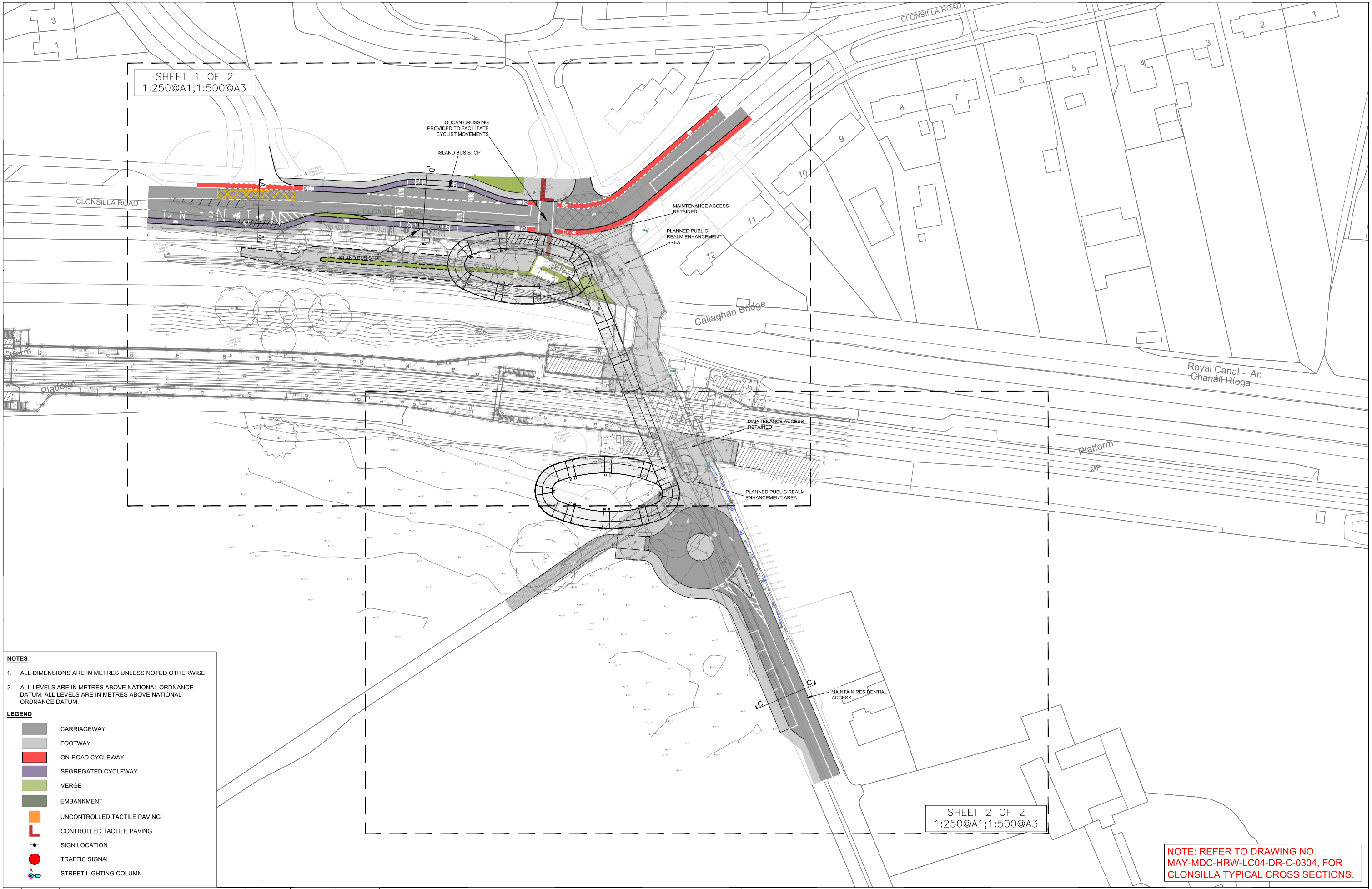


SHEET 1 OF 2
1:250@A1;1:500@A3

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



NOTES

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

LEGEND

- CARRIAGEWAY
- FOOTWAY
- ON-ROAD CYCLEWAY
- SEGREGATED CYCLEWAY
- VERGE
- EMBANKMENT
- UNCONTROLLED TACTILE PAVING
- CONTROLLED TACTILE PAVING
- SIGN LOCATION
- TRAFFIC SIGNAL
- STREET LIGHTING COLUMN

NOTE: REFER TO DRAWING NO. MAY-MDC-HRW-LC04-DR-C-0304, FOR CLONSILLA TYPICAL CROSS SECTIONS.

V 02	October 2024	UPDATED RAILWAY ORDER	JMC	TL	MK
V 01	April 2022	PHASE 3 - PRELIMINARY DESIGN	JMC	TL	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 (TLG9).

Client

Tionscatal Éireann
Project Ireland
2040

NTA
Udairse Náisiúnta Iomparáil
National Transport Authority

Iarnród Éireann
Irish Rail

Consultant

IDOM

G3

PROD

ROUGHAN & O'DONOVAN

Project

DART+
West

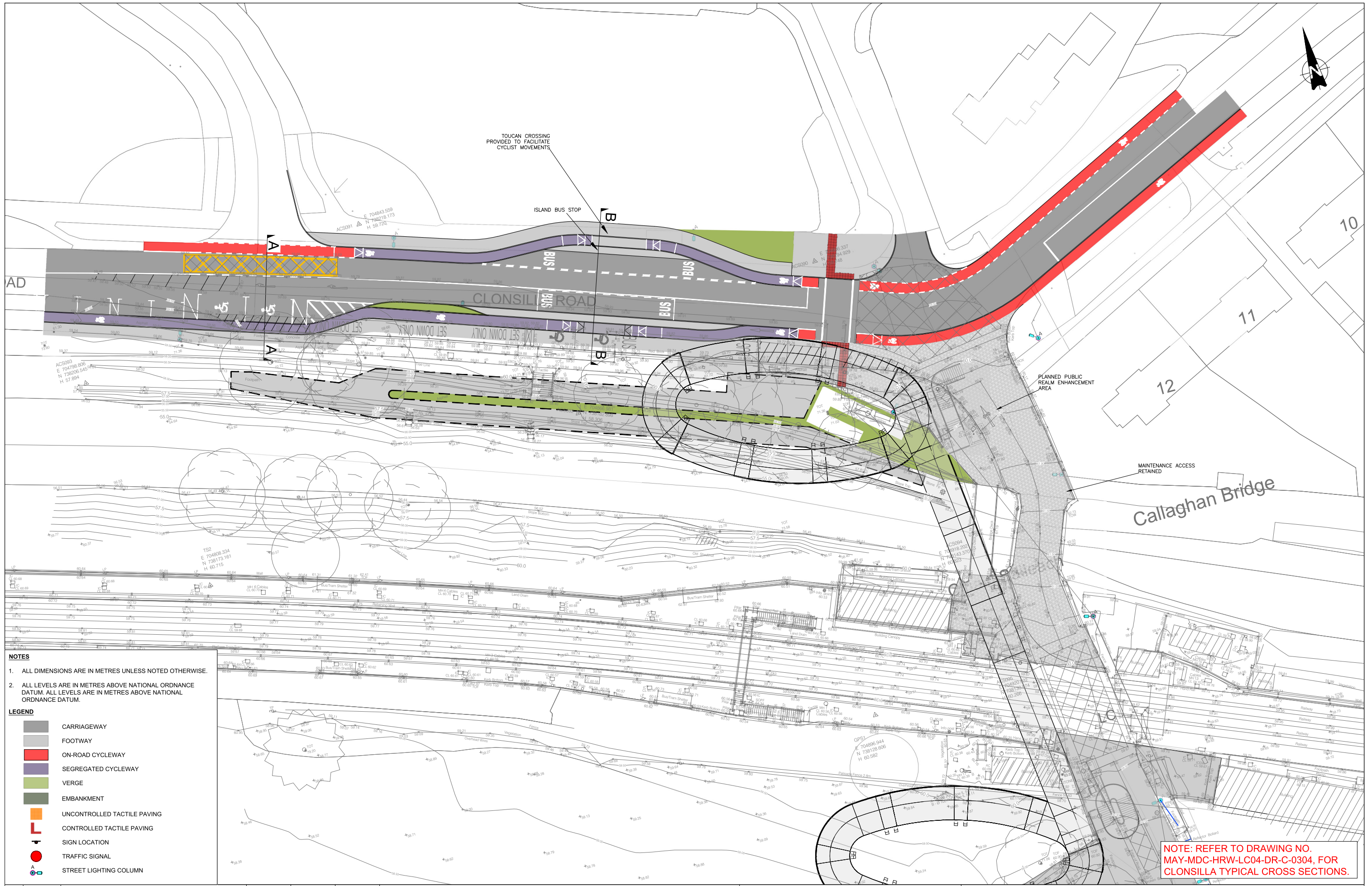
Drawing Title

ROADWORKS DESIGN - LC04: CLONSILLA
GENERAL ARRANGEMENT
SHEET LAYOUT

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

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY | MDC | HRW | LC04 | DR | C | 0100 | C

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



NOTES

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

LEGEND

	CARRIAGEWAY
	FOOTWAY
	ON-ROAD CYCLEWAY
	SEGREGATED CYCLEWAY
	VERGE
	EMBANKMENT
	UNCONTROLLED TACTILE PAVING
	CONTROLLED TACTILE PAVING
	SIGN LOCATION
	TRAFFIC SIGNAL
	STREET LIGHTING COLUMN

NOTE: REFER TO DRAWING NO. MAY-MDC-HRW-LC04-DR-C-0304, FOR CLONSILLA TYPICAL CROSS SECTIONS.

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

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Client

Tionscatal Éireann
Project Ireland
2040

NTA
Náisiúnta Mairiúnta Iomparáil
National Transport Authority

Iarnród Éireann
Irish Rail

Consultant

IDOM

G3

PROD

ROUGHAN & O'DONOVAN

Project

DART+
West

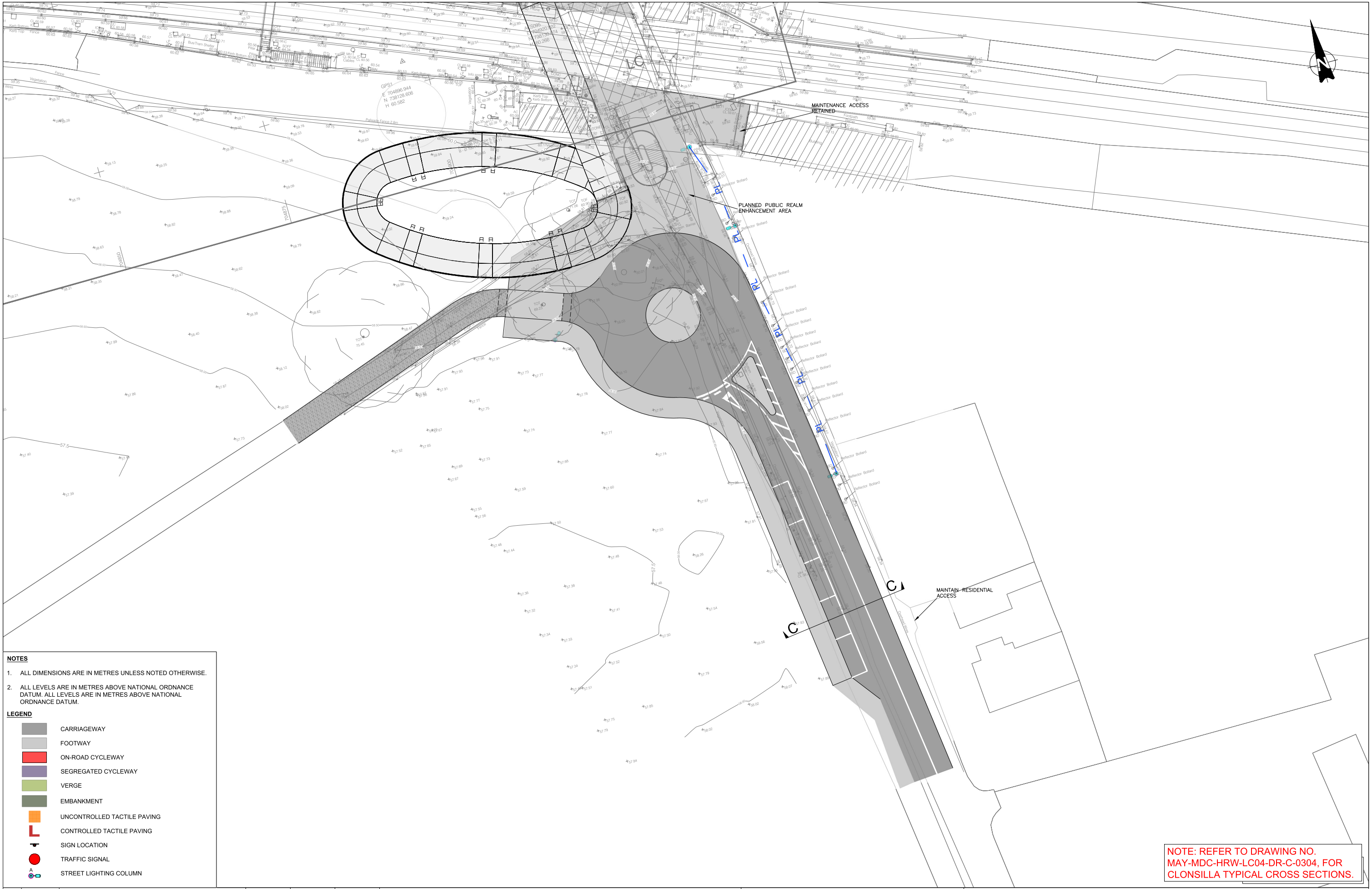
Drawing Title

ROADWORKS DESIGN - LC04: CLONSILLA
GENERAL ARRANGEMENT
SHEET 1 OF 2

Scale:
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Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC HRW LC04 DR C 0101 C

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



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LEGEND

- CARRIAGEWAY
- FOOTWAY
- ON-ROAD CYCLEWAY
- SEGREGATED CYCLEWAY
- VERGE
- EMBANKMENT
- UNCONTROLLED TACTILE PAVING
- CONTROLLED TACTILE PAVING
- SIGN LOCATION
- TRAFFIC SIGNAL
- STREET LIGHTING COLUMN

NOTE: REFER TO DRAWING NO. MAY-MDC-HRW-LC04-DR-C-0304, FOR CLONSILLA TYPICAL CROSS SECTIONS.

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

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Client

Consultant

Project

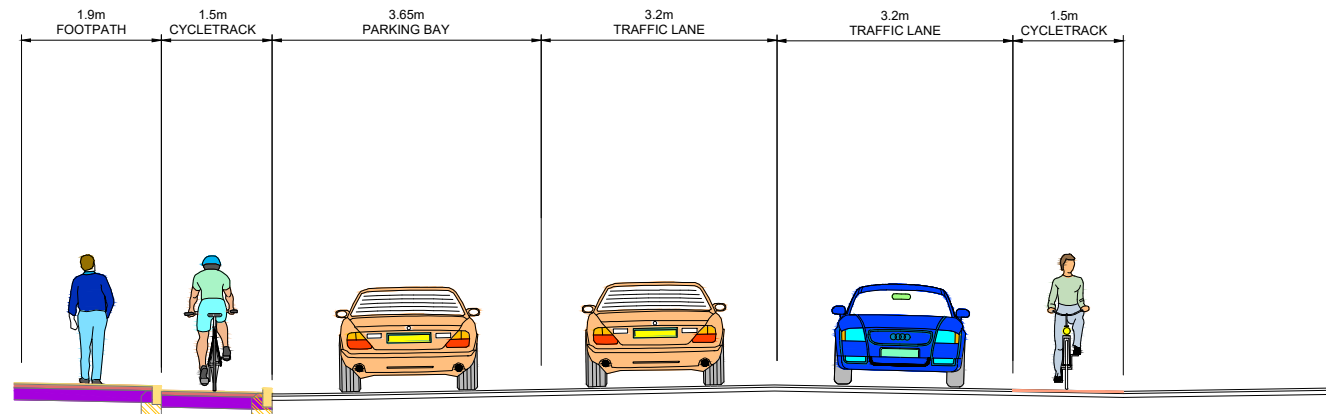
Drawing Title

**ROADWORKS DESIGN - LC04: CLONSILLA
GENERAL ARRANGEMENT
SHEET 2 OF 2**

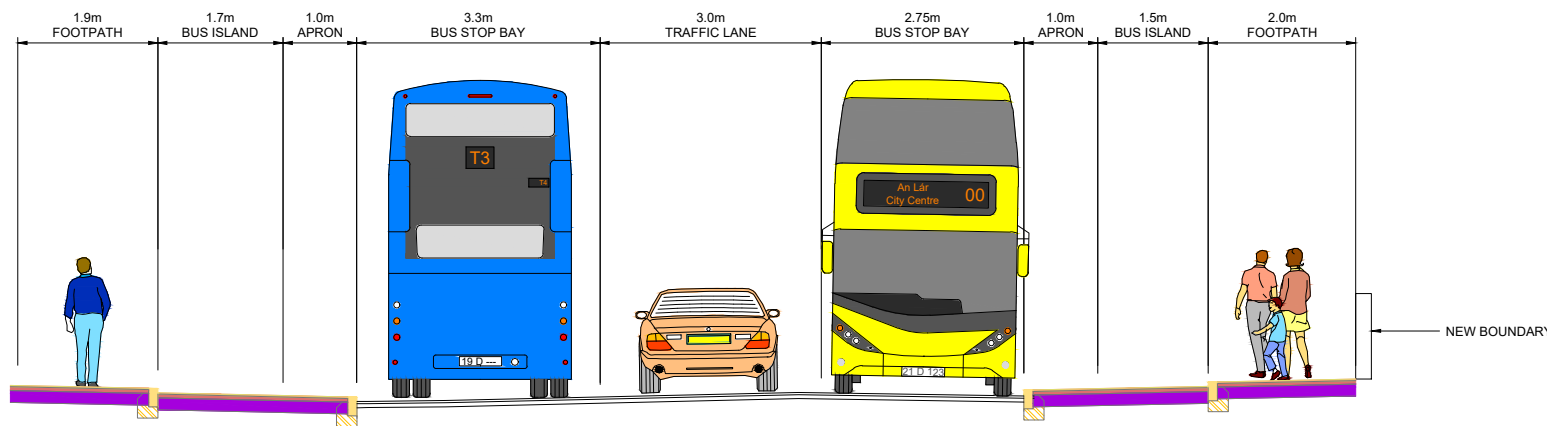
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Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC HRW LC04 DR C 0102 C

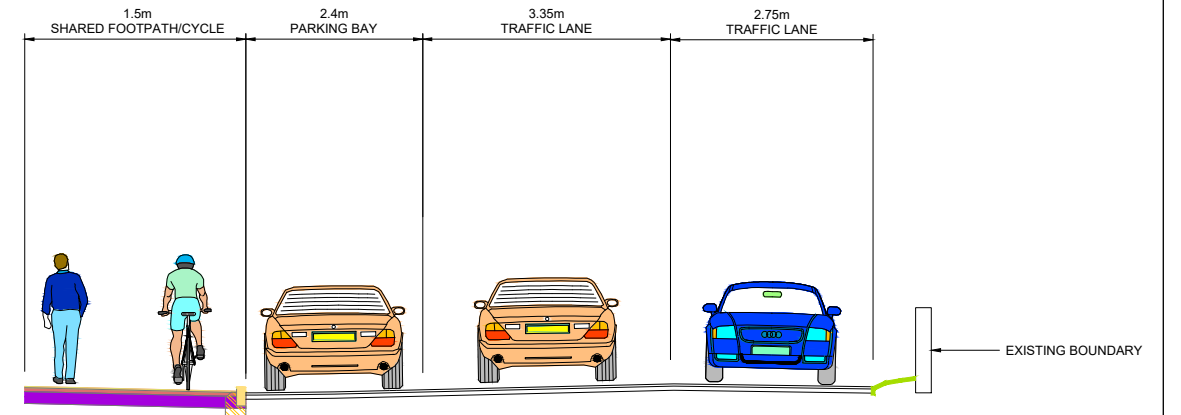
Date: October 2024 Job No: P/101086 Status: F1 - Approved & Accepted Rev: V 02 Sheet: 02 of 02



TYPICAL CROSS SECTION B-B
 CLONSILLA STATION (R121)
 LOCATED ON GA SHEET 01
 DRAWING REF: MAY-MDC-HRW-LC04-DR-C-0100



TYPICAL CROSS SECTION A-A
 CLONSILLA STATION (R121)
 LOCATED ON GA SHEET 01
 DRAWING REF: MAY-MDC-HRW-LC04-DR-C-0100



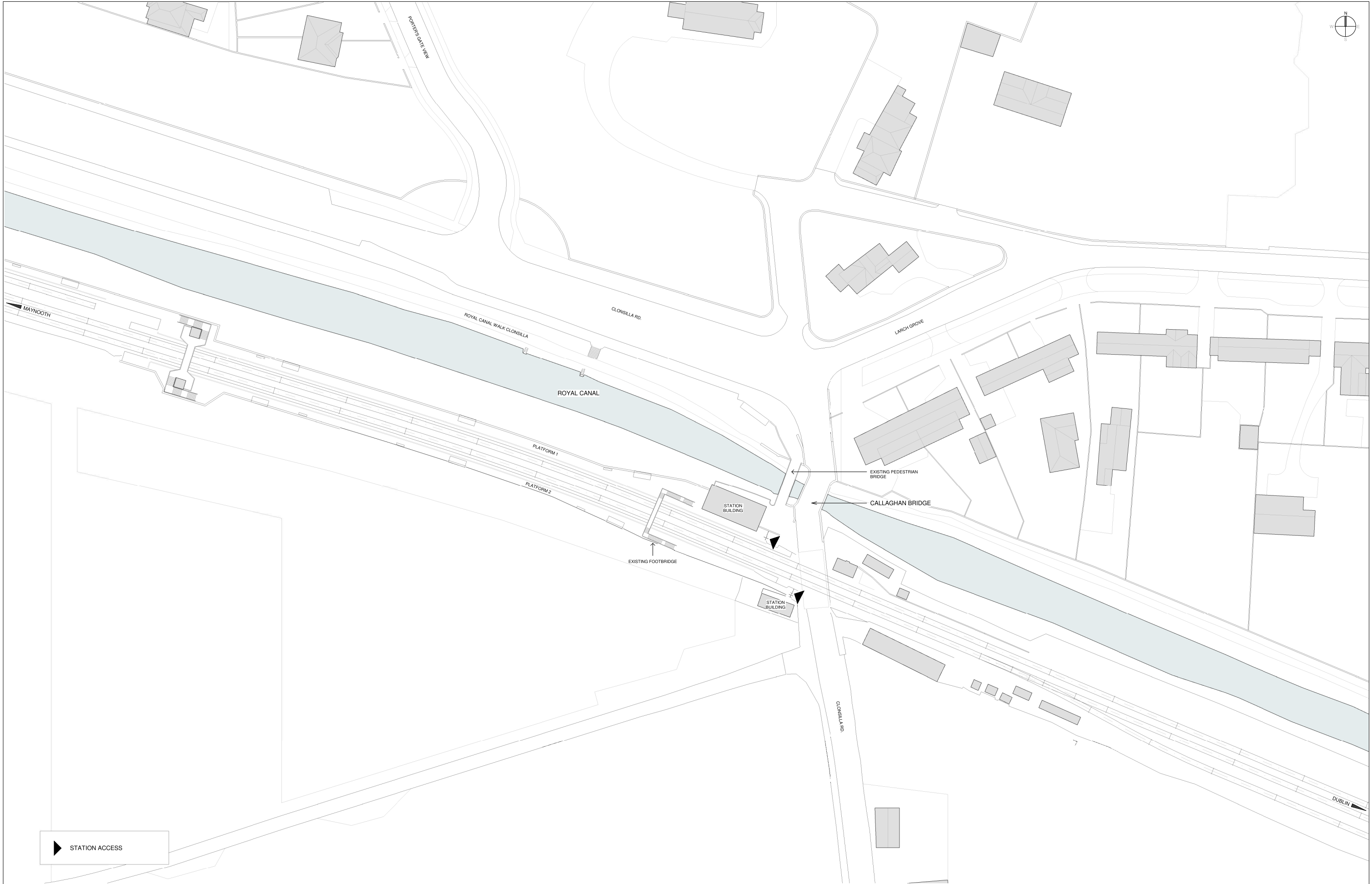
TYPICAL CROSS SECTION C-C
 CLONSILLA STATION (R121)
 LOCATED ON GA SHEET 01
 DRAWING REF: MAY-MDC-HRW-LC04-DR-C-0100

NOTES:

- FOR SECTION LOCATIONS SEE DRAWING: MAY-MDC-HRW-LC04-DR-C-0100
- THE BOUNDARY TREATMENT SHOWN IS INDICATIVE ONLY.
- THE PROPOSED PAVEMENT CONSTRUCTION IS INDICATIVE ONLY.

<table border="1"> <tr> <td>V 01</td> <td>April 2022</td> <td>PLANNING ISSUE</td> <td>KH</td> <td>TL</td> <td>MK</td> </tr> <tr> <td>REV.</td> <td>DATE</td> <td>DESCRIPTION</td> <td>PRODUCED BY</td> <td>REVIEWED BY</td> <td>APPROVED BY</td> </tr> </table>		V 01	April 2022	PLANNING ISSUE	KH	TL	MK	REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY	<p>Client</p>	<p>Project</p>	<p>Drawing Title</p> <p>ROADWORKS DESIGN - LC04: CLONSILLA CLONSILLA ROAD JUNCTION - CROSS SECTIONS SHEET 01 of 01</p>																								
V 01	April 2022	PLANNING ISSUE	KH	TL	MK																																			
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY																																			
<p>Consultant</p>			<p>Scale:</p> <p>1:50 @ A1 1:100 @ A3</p>	<table border="1"> <tr> <td>Drawing Number</td> <td>Project</td> <td>Originator</td> <td>Discipline</td> <td>Location</td> <td>Type</td> <td>Role</td> <td>Number</td> <td>Phase</td> </tr> <tr> <td>MAY</td> <td>MDC</td> <td>HRW</td> <td>LC04</td> <td>DR</td> <td>C</td> <td>0115</td> <td>D</td> <td></td> </tr> <tr> <td>Date:</td> <td>Job No:</td> <td>Status:</td> <td>Rev:</td> <td>Sheet:</td> <td colspan="4"></td> </tr> <tr> <td>April 2022</td> <td>P/101086</td> <td>F1 - Approved & Accepted</td> <td>V 01</td> <td>Sheet: 01 of 01</td> <td colspan="4"></td> </tr> </table>	Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase	MAY	MDC	HRW	LC04	DR	C	0115	D		Date:	Job No:	Status:	Rev:	Sheet:					April 2022	P/101086	F1 - Approved & Accepted	V 01	Sheet: 01 of 01				
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Date:	Job No:	Status:	Rev:	Sheet:																																				
April 2022	P/101086	F1 - Approved & Accepted	V 01	Sheet: 01 of 01																																				

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▶ STATION ACCESS

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

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Client

Consultant

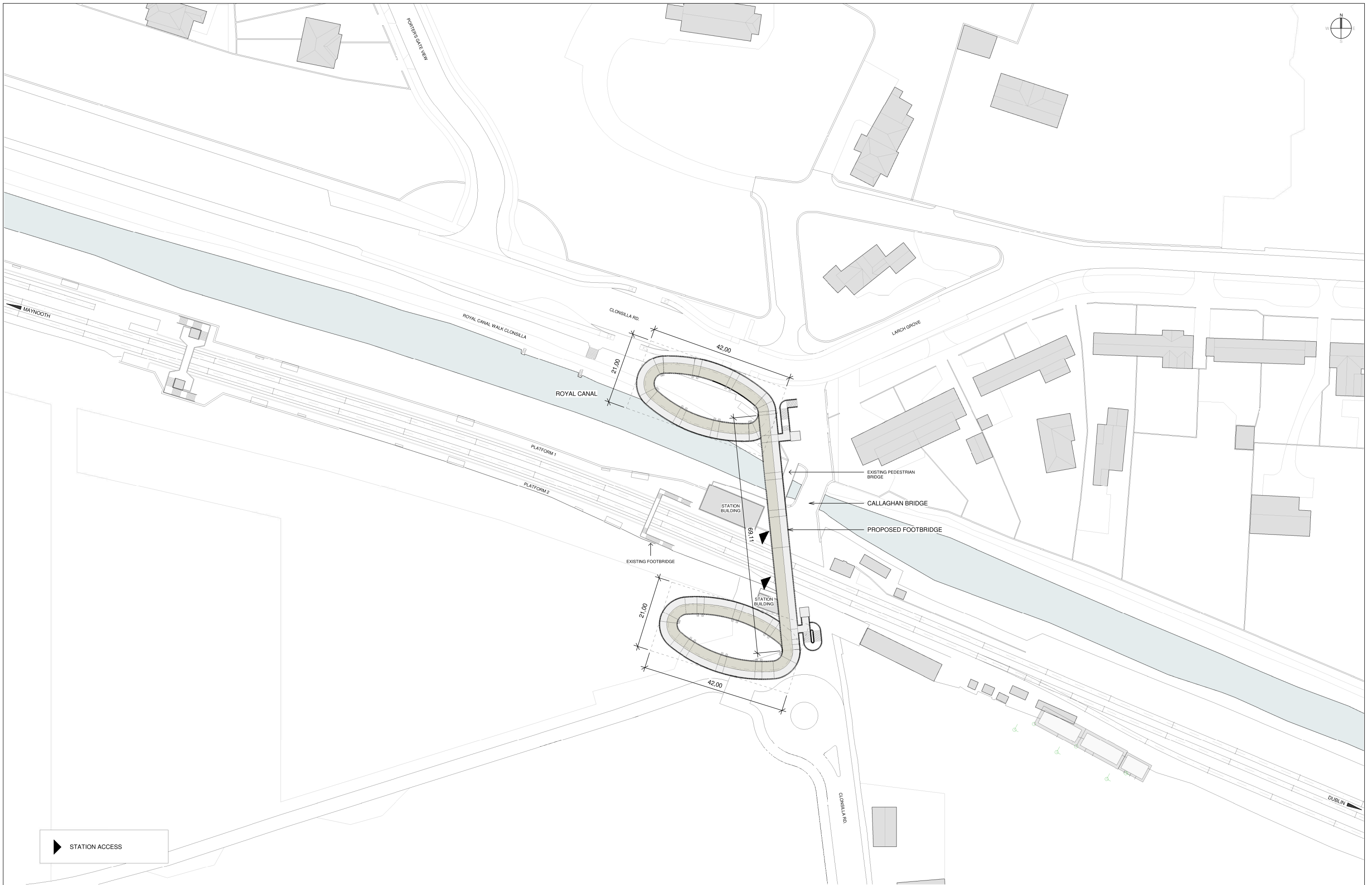
Project

Drawing Title

**LEVEL CROSSING DESIGN
CLONSILLA PEDESTRIAN CROSSING
LOCATION PLAN. EXISTING**

Scale: 1:500 @ A1

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	LC04	DR	A	0001	D
Date:	Job No:	Status:	Rev:					
AUGUST 2023	P/101086	S3 - For Review & Comment	V01	Sheet: 1 of 2				



▶ STATION ACCESS

REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
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Client

Consultant

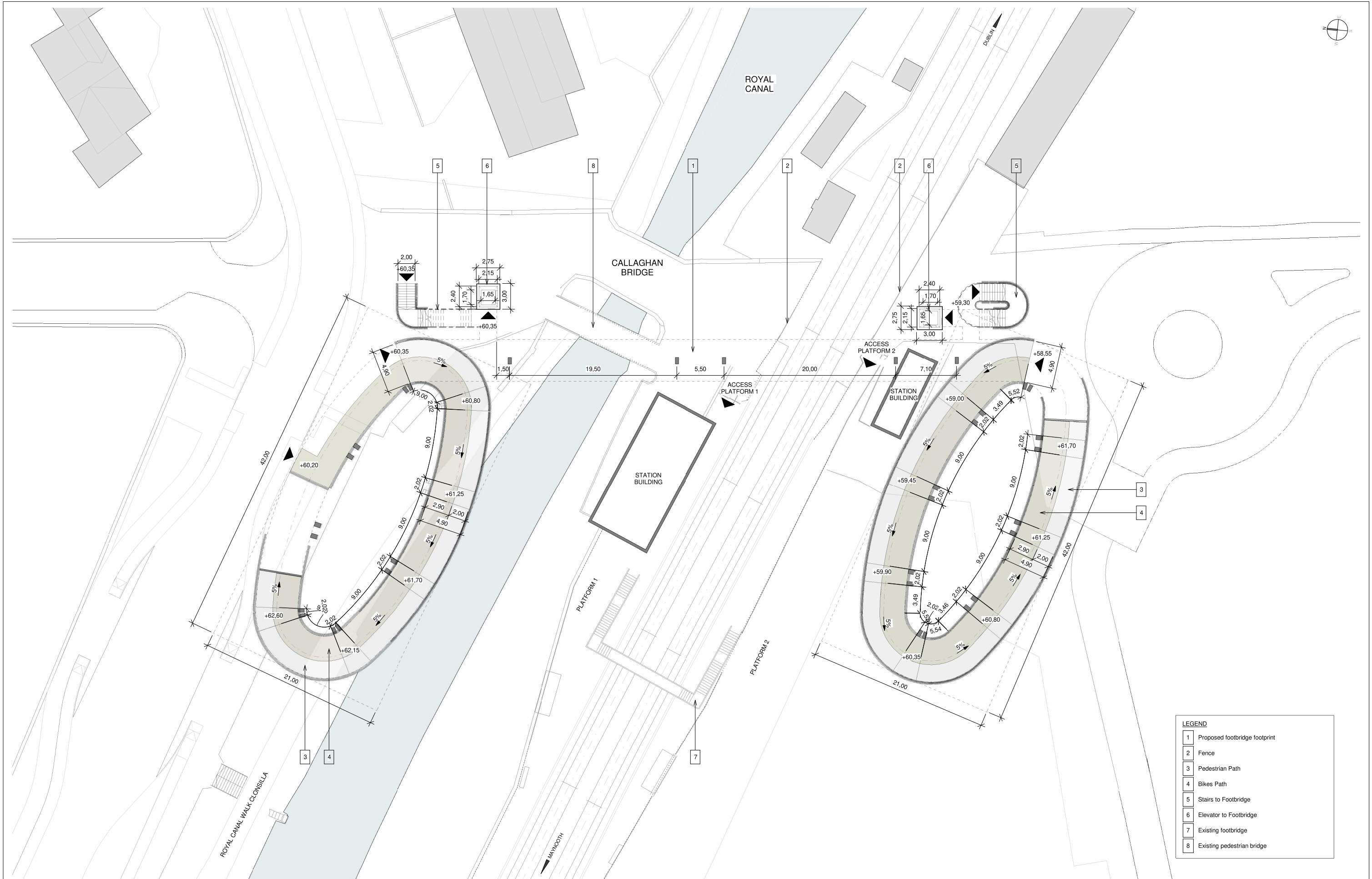
Project

Drawing Title

**LEVEL CROSSING DESIGN
CLONSILLA PEDESTRIAN CROSSING
LOCATION PLAN, PROPOSAL**

Scale: 1:500 @ A1

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	LC04	DR	A	0001	D
Date:	Job No:	Status:	Rev:					
AUGUST 2023	P/101086	S3 - For Review & Comment	V01	Sheet: 2 of 2				



REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
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Client

Tionscald Éireann
Project Ireland
2040

NTA
Uachtarán Náisiúnaí
National Transport Authority

Iarnród Éireann
Irish Rail

Consultant

IDOM

C3

PROJOD
ROGHAN & O'DONOVAN

Project

DART+
West

Drawing Title

LEVEL CROSSING DESIGN
CLONSILLA PEDESTRIAN CROSSING
STREET LEVEL PLAN

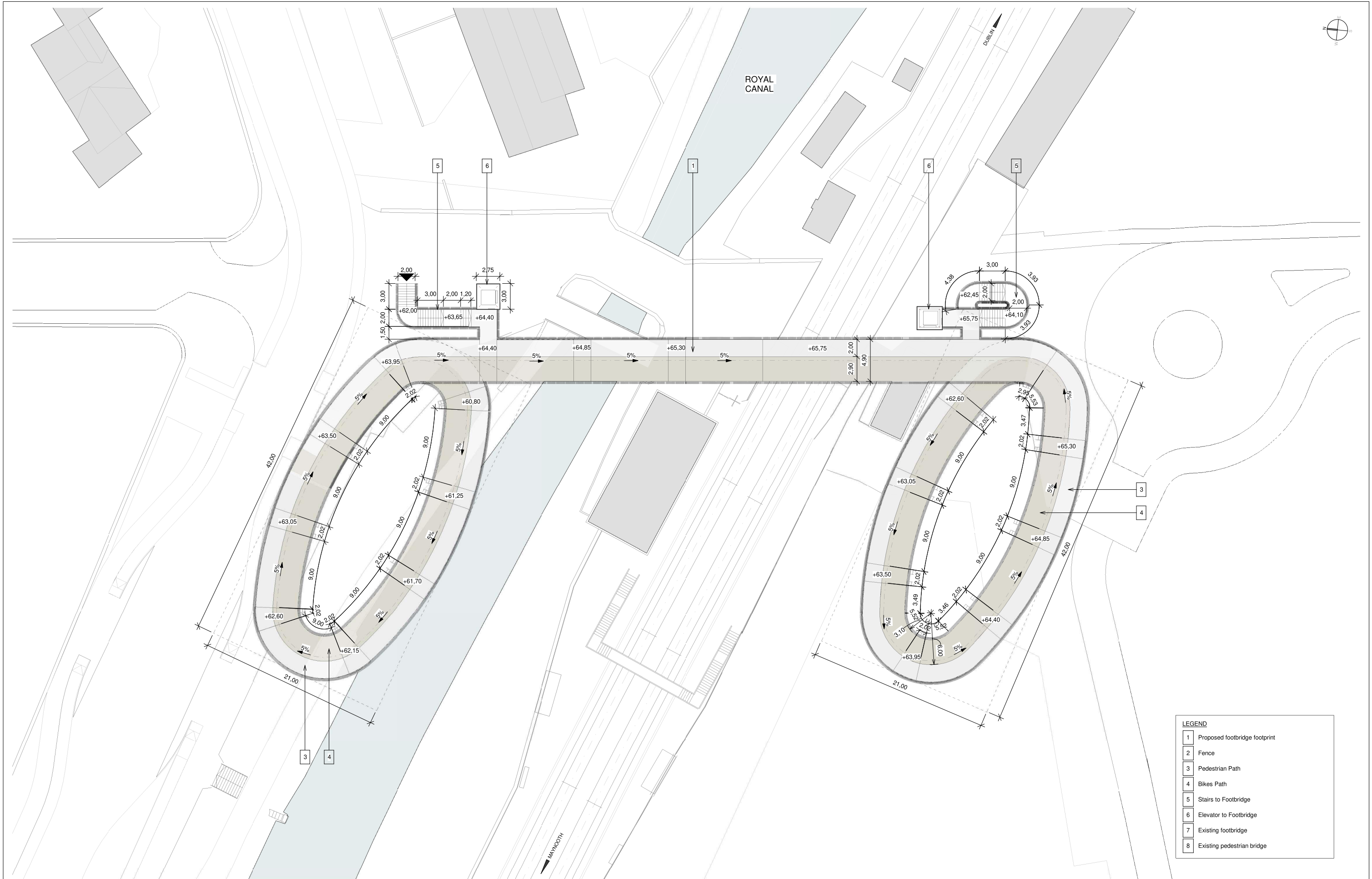
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Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase

MAY MDC ARC LC04 DR A 0002 D

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



LEGEND	
1	Proposed footbridge footprint
2	Fence
3	Pedestrian Path
4	Bikes Path
5	Stairs to Footbridge
6	Elevator to Footbridge
7	Existing footbridge
8	Existing pedestrian bridge

REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
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Client

Tionscald Éireann
Project Ireland
2040

NTA
Uachtarán Náisiúnaí
National Transport Authority

Iarnród Éireann
Irish Rail

Consultant

IDOM

C3

PROJOD
EDUIGHAN & O'DONOVAN

Project

DART+
West

Drawing Title

LEVEL CROSSING DESIGN
CLONSILLA PEDESTRIAN CROSSING
FOOTBRIDGE LEVEL PLAN

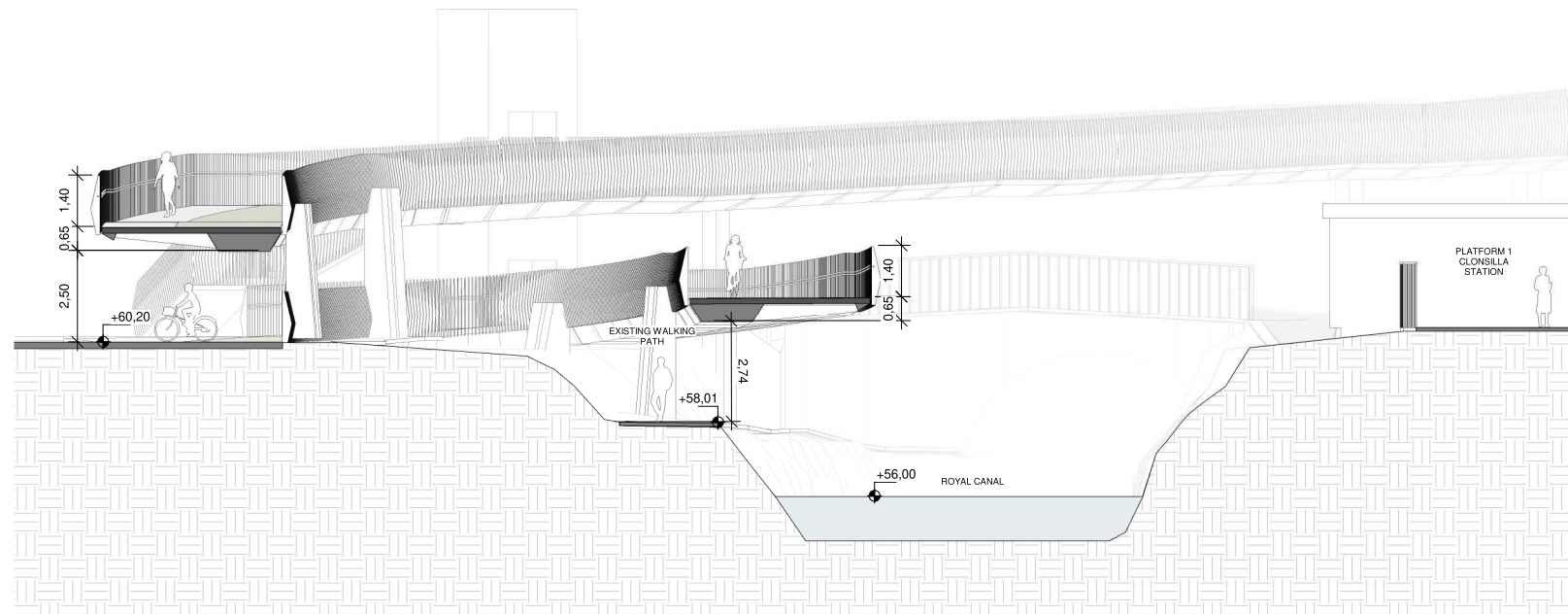
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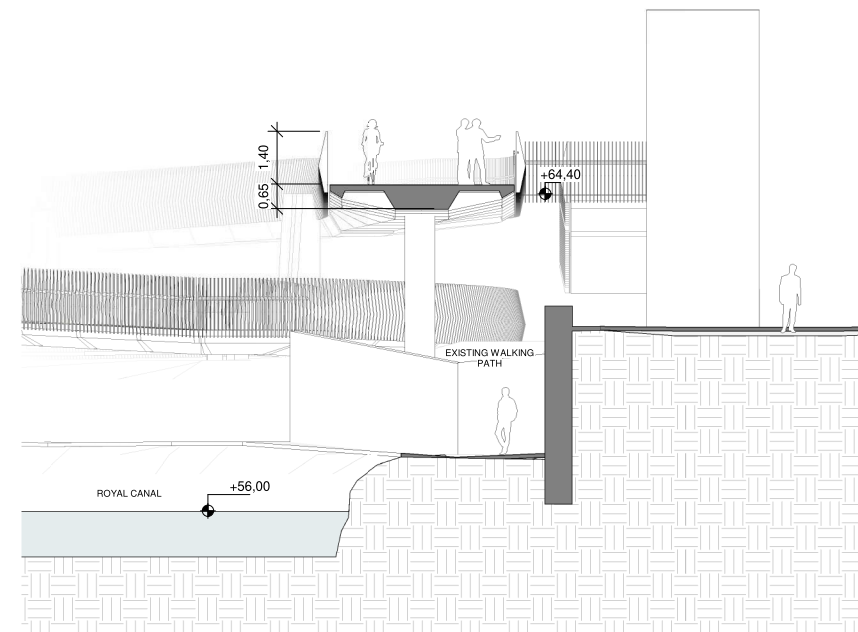
Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase

MAY MDC ARC LC04 DR A 0002 D

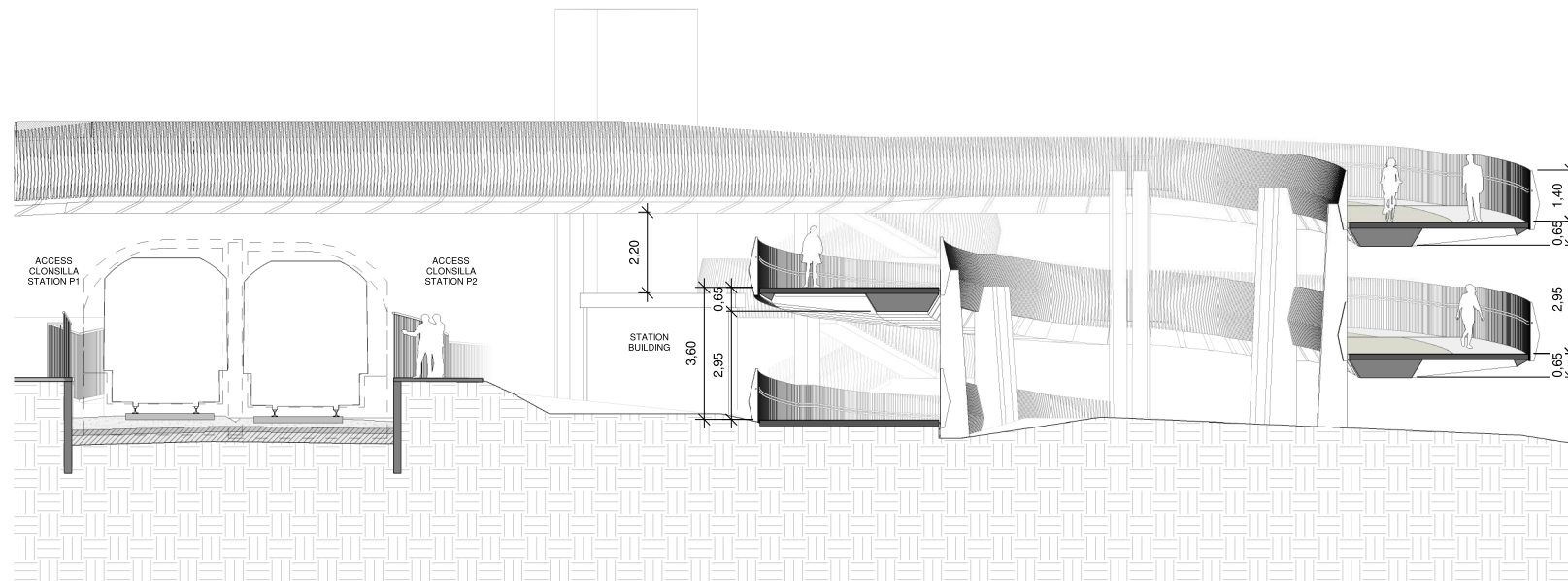
Date: AUGUST 2023 | Job No: P/101086 | Status: S3 - For Review & Comment | Rev: V01 | Sheet: 2 of 2



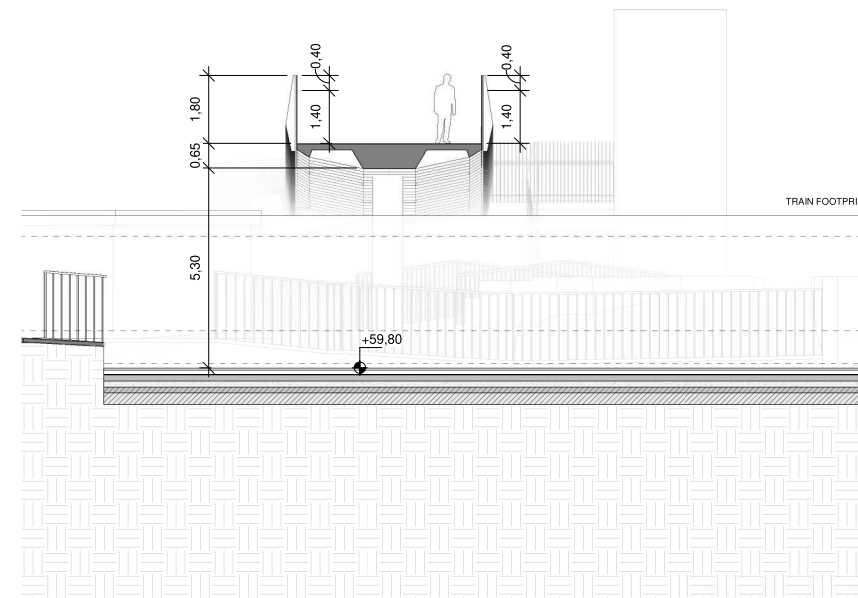
1 | Cross Section 01_North Oval
Scale 1 : 100



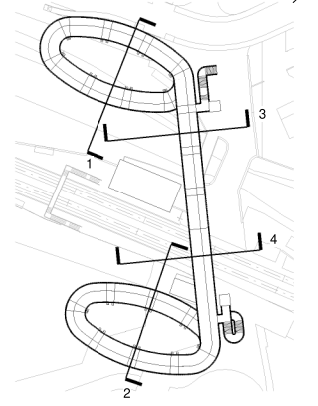
3 | Cross Section 03_Bridge
Scale 1 : 100



2 | Cross Section 02_South Oval
Scale 1 : 100



4 | Cross Section 04_Track
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 track clearance under the bridge: 5.30 m.
 - 4 Minimum clearance between existing walking path and proposed footbridge: 2.50 m
 - 5 Additional protection will be provided when bridge crosses de track:
- 1.40 m height solid railing + 0.40 m height IP2X mesh
- no handrails

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

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Client

Tionscatal Éireann
Project Ireland
2040

NTA
Uachtarán Náisiúnta Iomparáir
National Transport Authority

Iarnród Éireann
Irish Rail

Consultant

IDOM

C3

PROJOD
ROGHAN & O'DONOVAN

Project

DART+
West

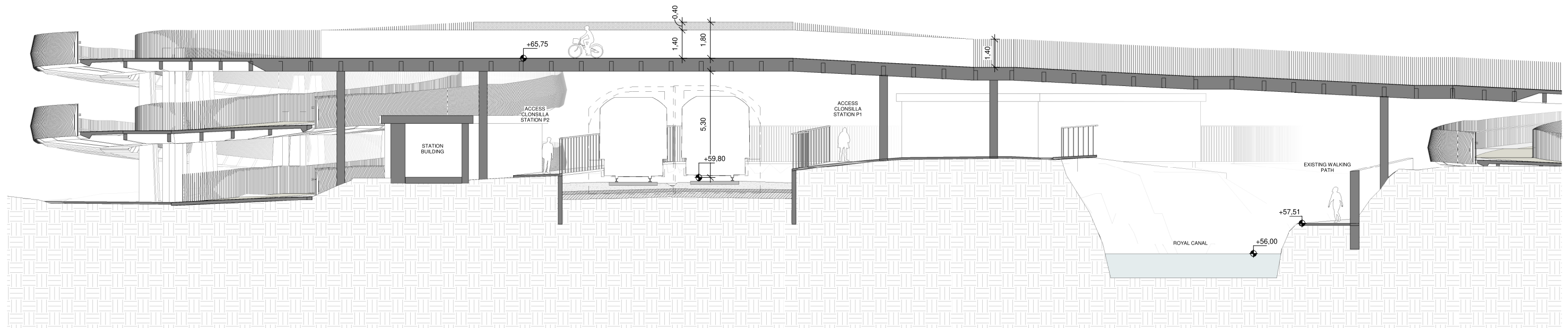
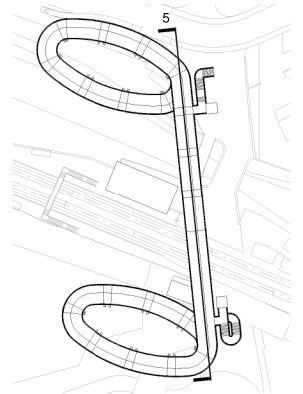
Drawing Title

LEVEL CROSSING DESIGN
CLONSILLA PEDESTRIAN CROSSING
CROSS SECTIONS

Scale:
1:100 @ A1

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY | MDC | ARC | LC04 | DR | A | 0003 | D

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



5 | Longitudinal Section
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 track clearance under the bridge: 5.30 m.
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- no handrails

REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	AUGUST 2023	Proposed Developments following Railway Order Submissions	GDV	JDR	CCH

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Client

Consultant

Project

Drawing Title

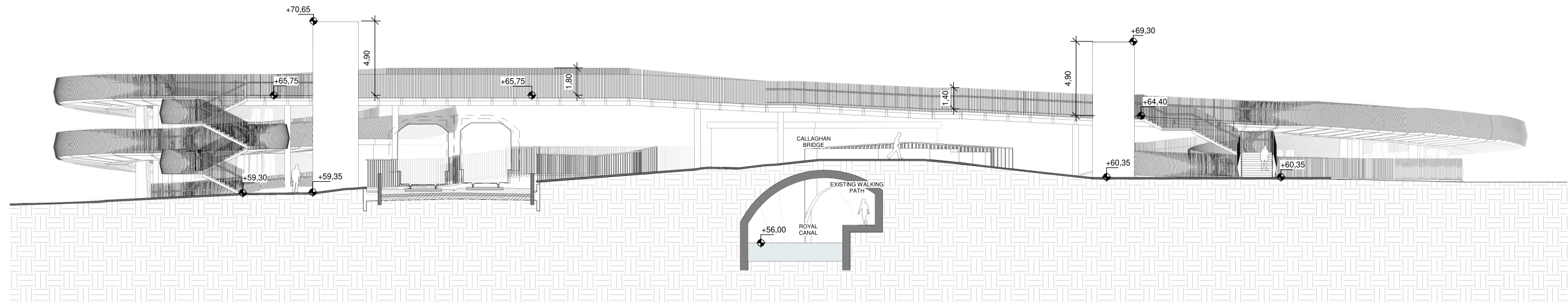
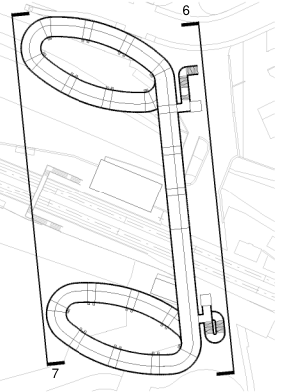
**LEVEL CROSSING DESIGN
CLONSILLA PEDESTRIAN CROSSING
LONGITUDINAL SECTION**

Scale: 1:100 @ A1

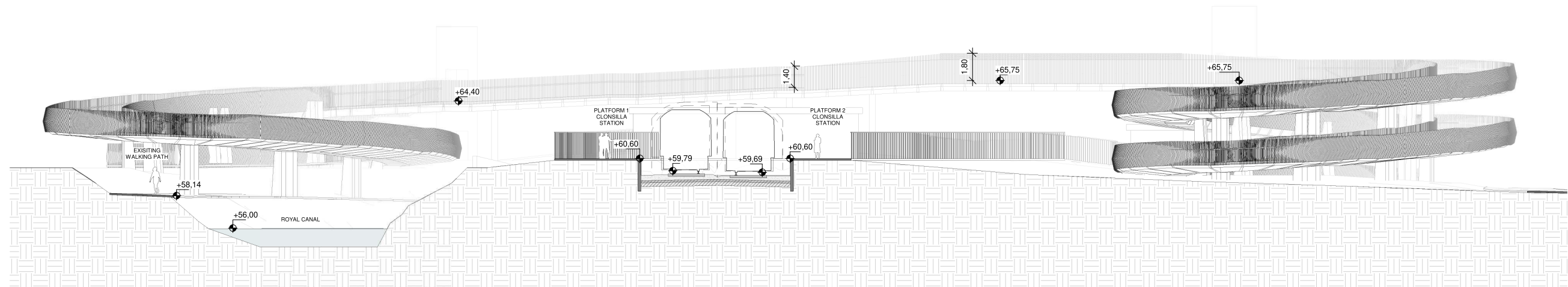
Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	LC04	DR	A	0004	D

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

Sheet: 1 of 1



6 | East Elevation
Scale 1 : 150



7 | West Elevation
Scale 1 : 150

- NOTES**
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- 1.40 m height solid railing + 0.40 m height IP2X mesh
- no handrails

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

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Client

Consultant

Project

Drawing Title

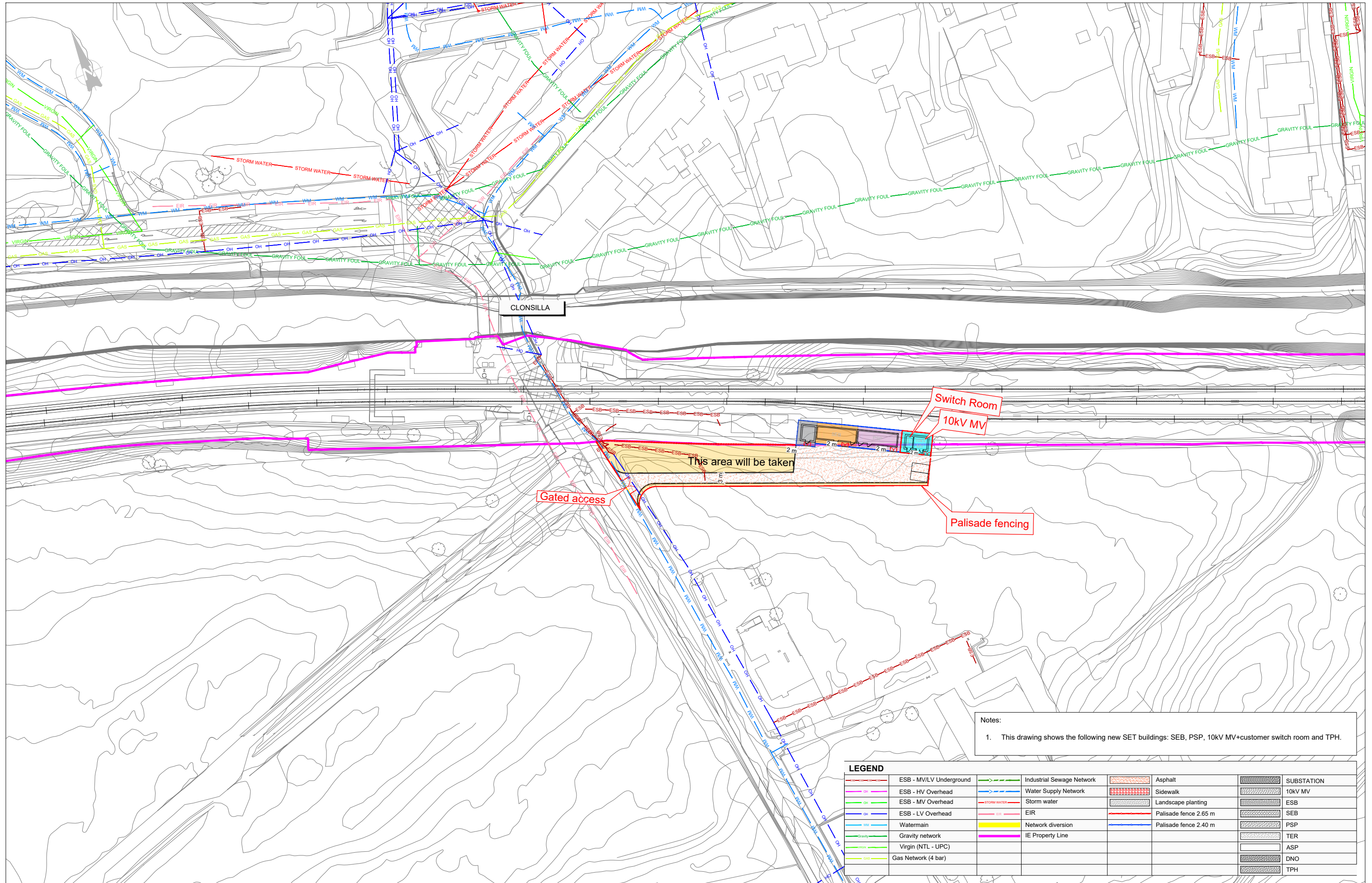
**LEVEL CROSSING DESIGN
CLONSILLA PEDESTRIAN CROSSING
ELEVATIONS**

Scale: 1:150 @ A1

Drawing Number	Project	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	LC04	DR	A	0005 D

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

Sheet: 1 of 1



CLONSILLA

Switch Room
10kV MV

This area will be taken

Gated access

Palisade fencing

Notes:
1. This drawing shows the following new SET buildings: SEB, PSP, 10kV MV+customer switch room and TPH.

LEGEND		SUBSTATION	
ESB - MV/LV Underground	Industrial Sewage Network	Asphalt	10kV MV
ESB - HV Overhead	Water Supply Network	Sidewalk	ESB
ESB - MV Overhead	Storm water	Landscape planting	SEB
ESB - LV Overhead	EIR	Palisade fence 2.65 m	PSP
Watermain	Network diversion	Palisade fence 2.40 m	TER
Gravity network	IE Property Line		ASP
Virgin (NTL - UPC)			DNO
Gas Network (4 bar)			TPH

V01	April 2022	PLANNING ISSUE	MCG	MPT	CCS
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
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Client

Consultant

Project

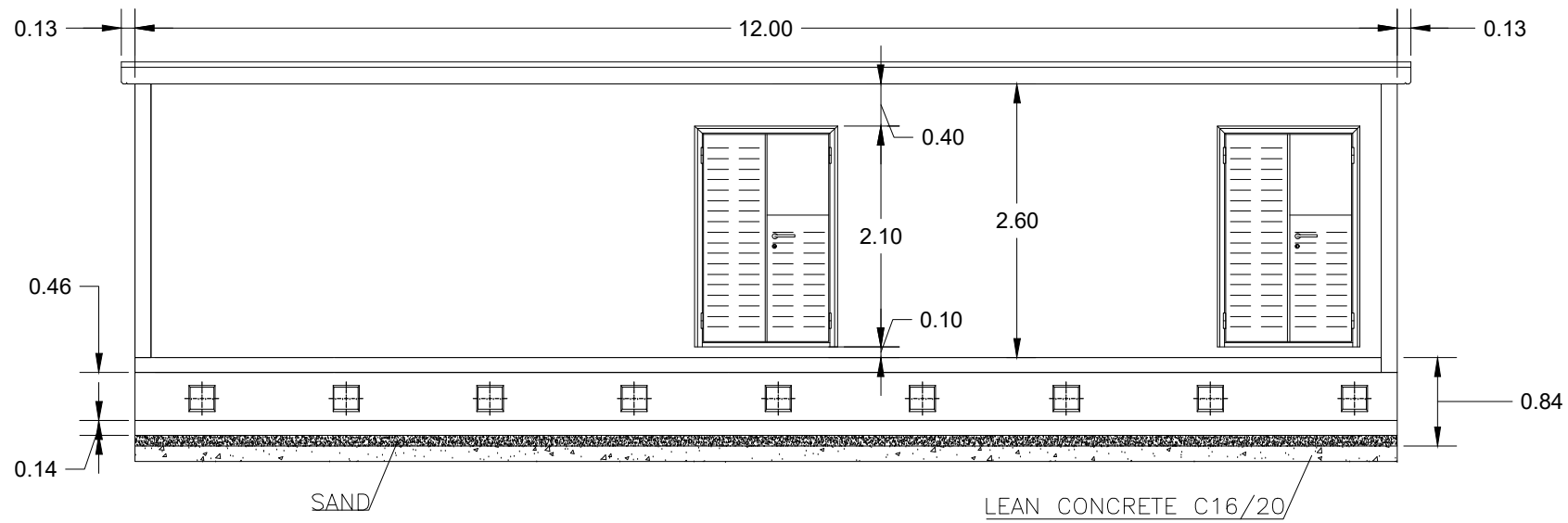
Drawing Title

SET TECHNICAL BUILDINGS
CLONSILLA

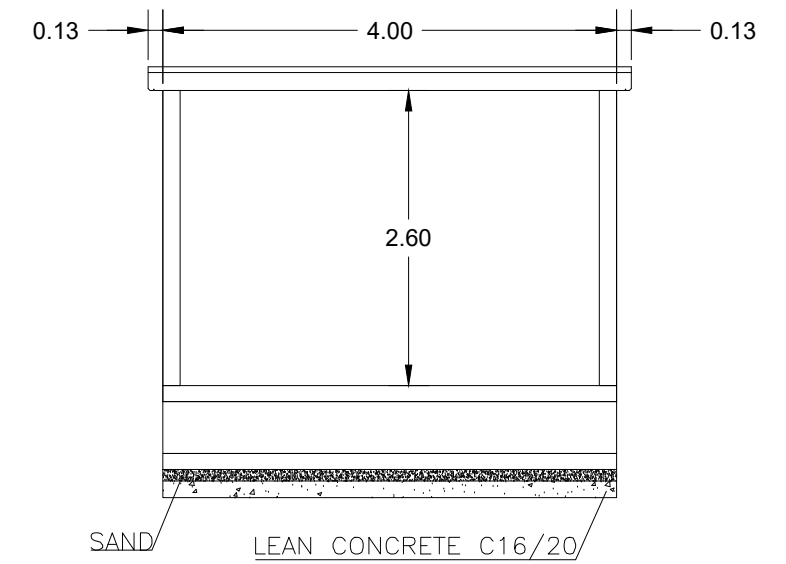
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MAY MDC SET RS11 DR Z 0003 D

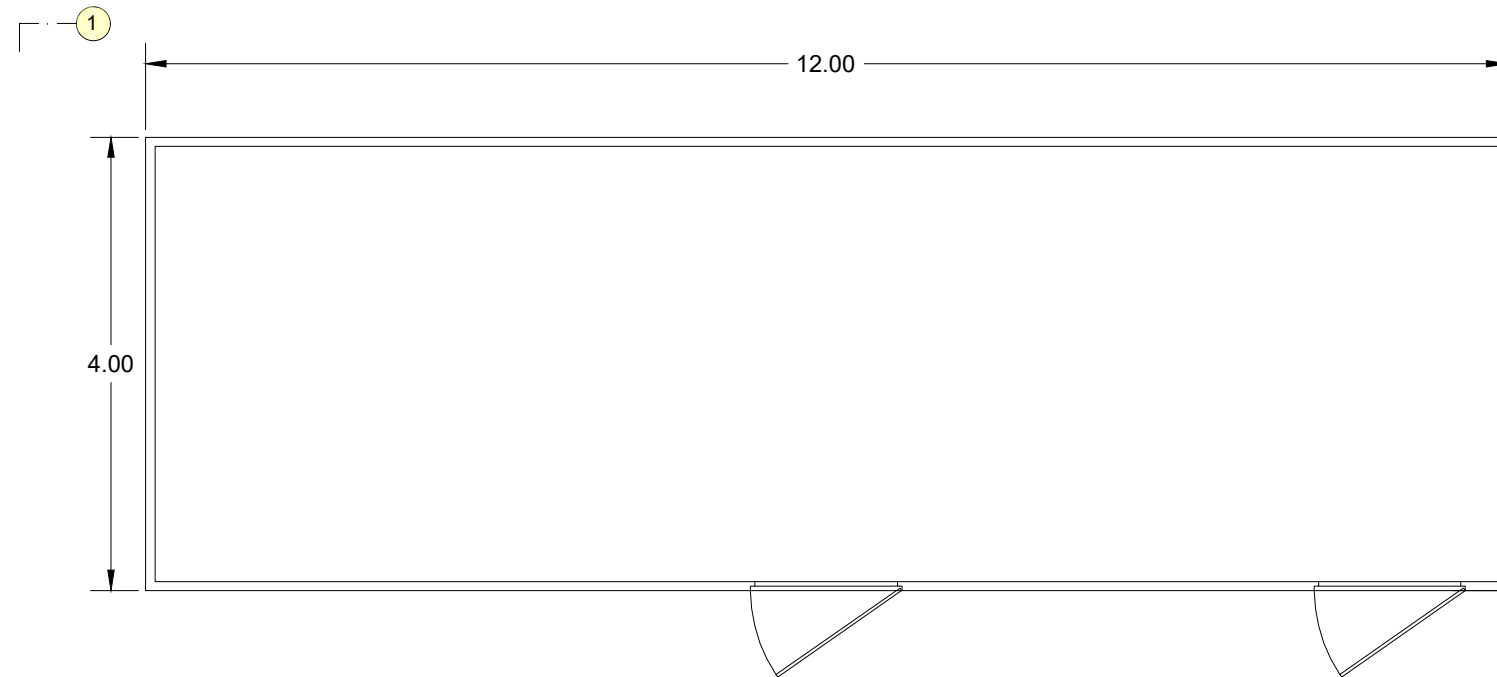
Date: April 2022 | Job No: P/101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 01 of 01



FRONT VIEW



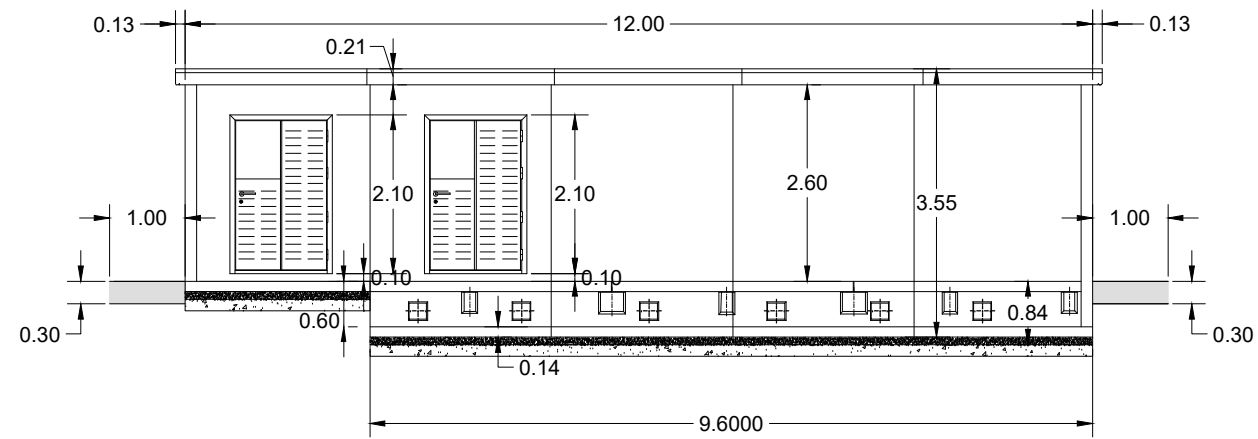
VIEW 1'-1'



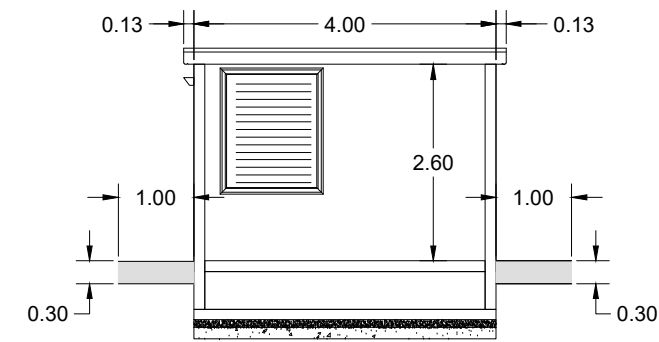
PLANT VIEW

SEB BUILDING

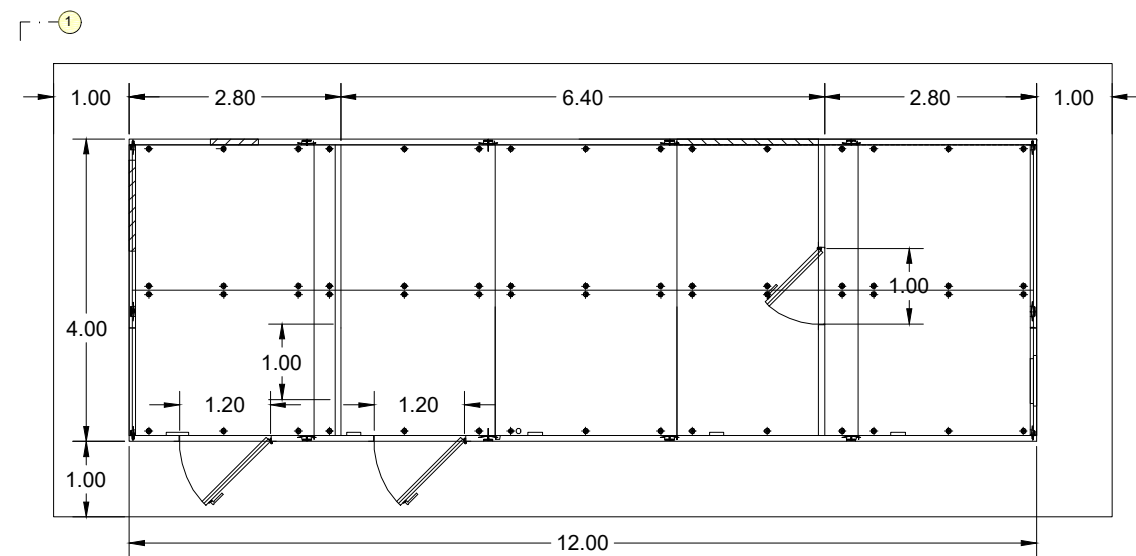
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V01	April 2022	PLANNING ISSUE	MCG	MPT	CCS																																		
<p>Consultant</p>		<p>Scale:</p> <p>1:15@ A3</p>	<table border="1"> <tr> <td>Drawing Number</td> <td>Project</td> <td>Originator</td> <td>Discipline</td> <td>Location</td> <td>Type</td> <td>Role</td> <td>Number</td> <td>Phase</td> </tr> <tr> <td>MAY MDC SET RS11 DR Z 0010</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0010</td> <td>D</td> </tr> <tr> <td>Date:</td> <td>Job No:</td> <td>Status:</td> <td>Rev:</td> <td>Sheet:</td> <td colspan="4"></td> </tr> <tr> <td>April 2022</td> <td>P/101086</td> <td>F1-Approved & accepted</td> <td>V01</td> <td>01 of 04</td> <td colspan="4"></td> </tr> </table>	Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase	MAY MDC SET RS11 DR Z 0010							0010	D	Date:	Job No:	Status:	Rev:	Sheet:					April 2022	P/101086	F1-Approved & accepted	V01	01 of 04				
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Date:	Job No:	Status:	Rev:	Sheet:																																			
April 2022	P/101086	F1-Approved & accepted	V01	01 of 04																																			



FRONT VIEW



VIEW 1'-1'



PLANT VIEW

PSP BUILDING

REV	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	MCG	MPT	CCS

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Client

Consultant

Project

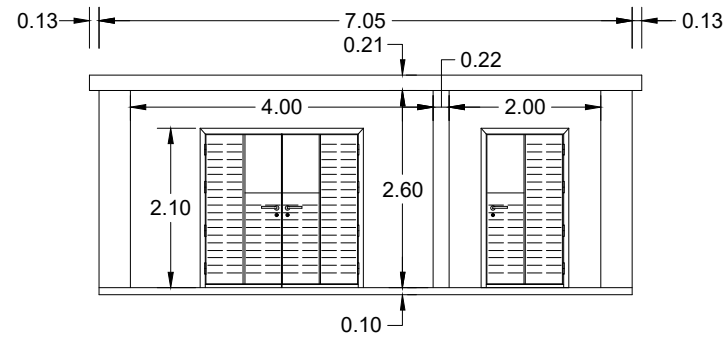
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SET TECHNICAL BUILDINGS
CLONSILLA BUILDINGS DETAIL

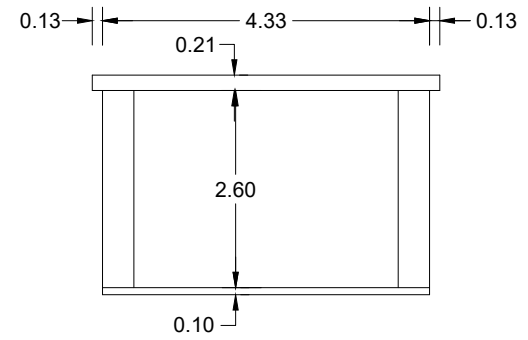
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April 2022	P/101086	F1-Approved & accepted	V01	02 of 04

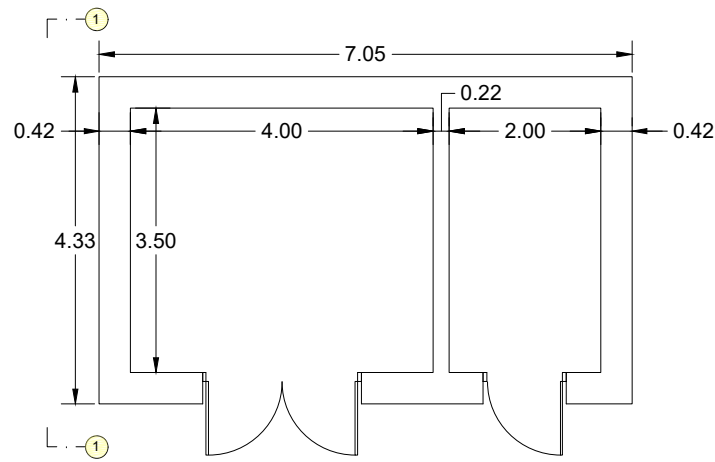
Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC SET RS11 DR Z 0010 D



FRONT VIEW



VIEW 1'-1'



PLANT VIEW

10KV MV & SWITCH ROOM BUILDING

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Client

Consultant

Project

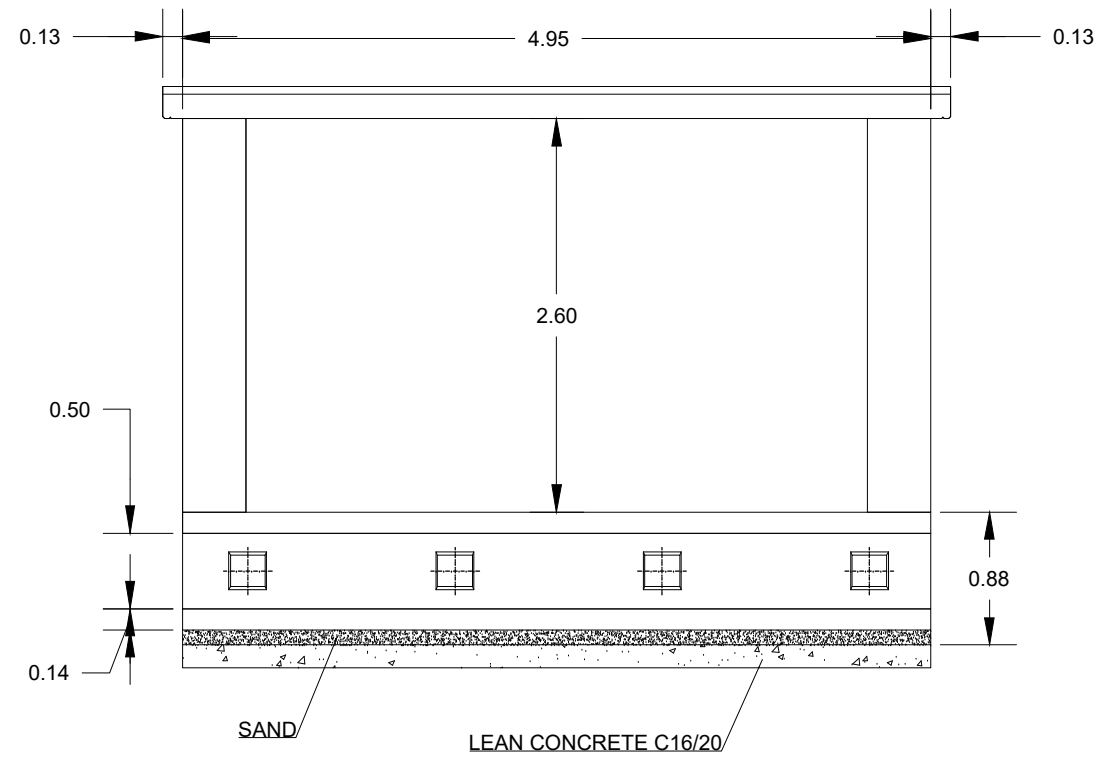
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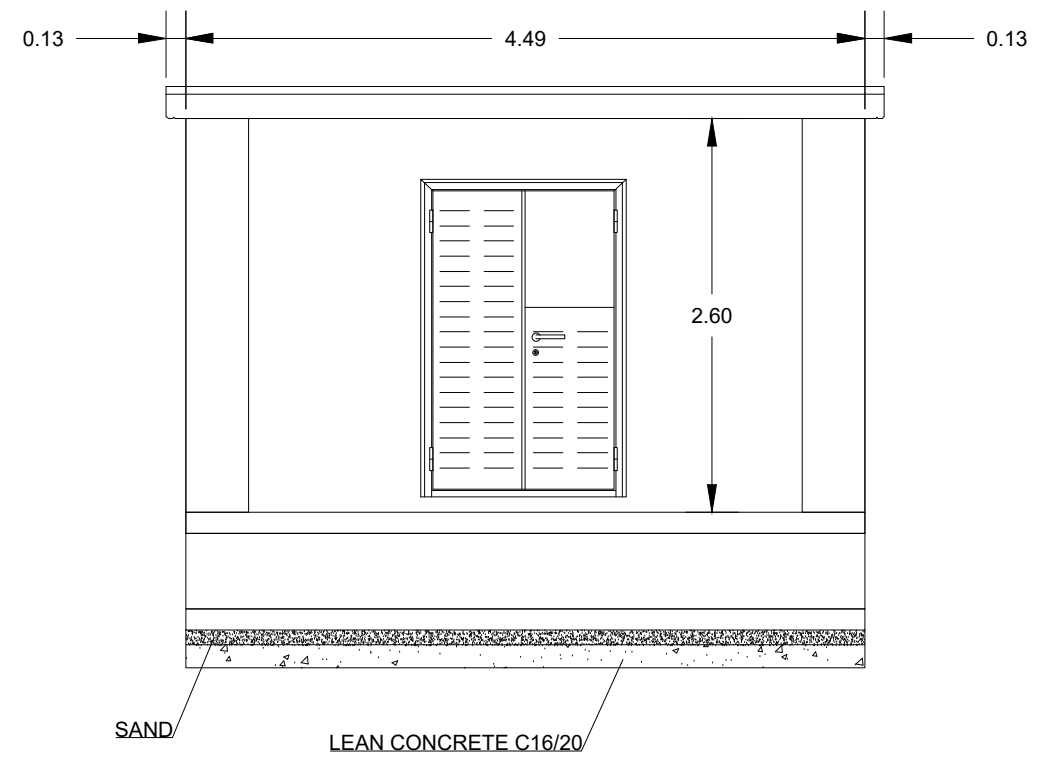
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Date:	Job No:	Status:	Rev:	Sheet:
April 2022	P/101086	F1-Approved & accepted	V01	03 of 04

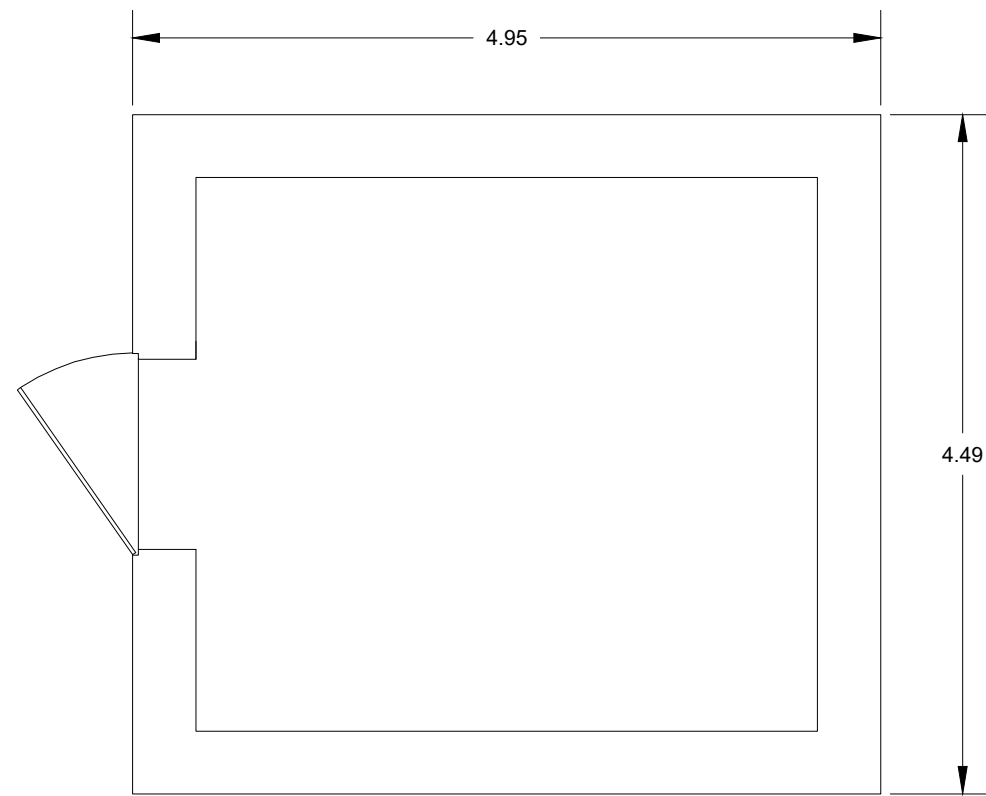
Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC SET RS11 DR Z 0010 D



FRONT VIEW



VIEW 1'-1'



PLANT VIEW

TPH BUILDING

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Client

Consultant

Project

Drawing Title

SET TECHNICAL BUILDINGS
CLONSILLA BUILDINGS DETAIL

Scale:
1:100 @ A3

Date:	Job No:	Status:	Rev:	Sheet:
April 2022	P/101086	F1-Approved & accepted	V01	04 of 04

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