

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

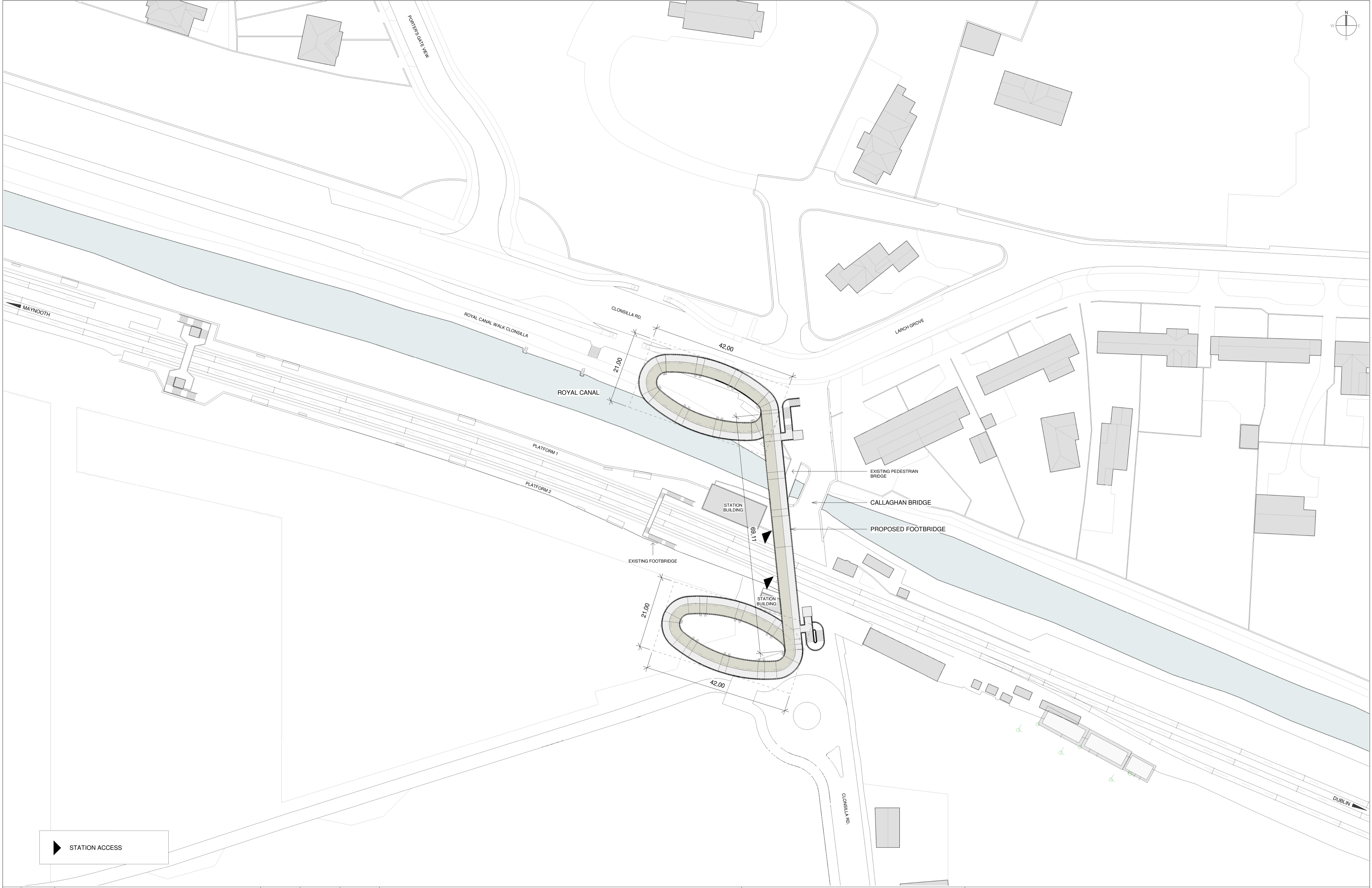
Drawing Title

### 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:	Sheet:
AUGUST 2023	P/101086	S3 - For Review & Comment	V01	1 of 2



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**Client**

**Consultant**

**Project**

**Drawing Title**

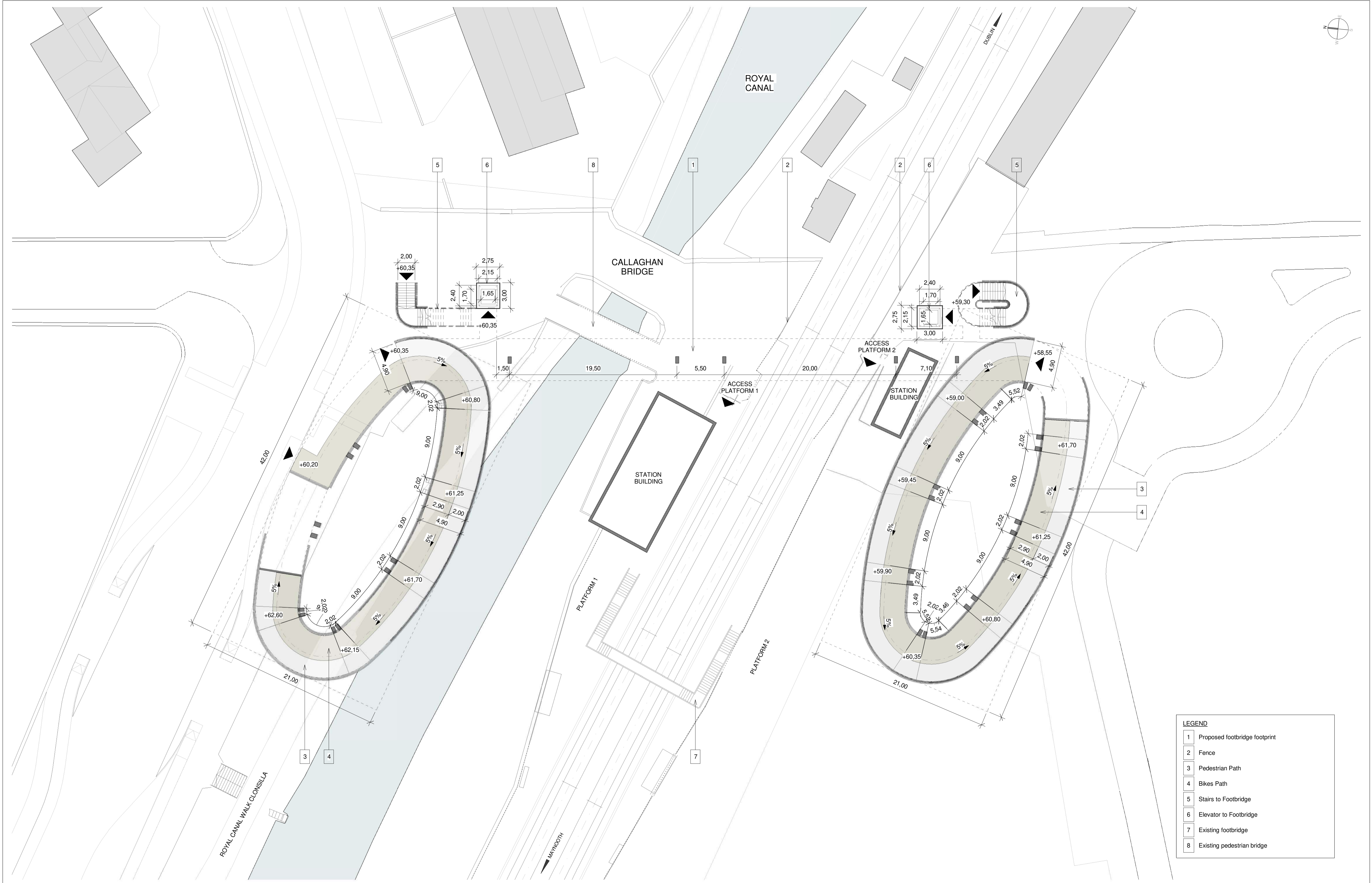
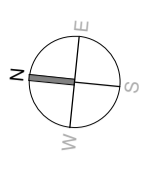
LEVEL CROSSING DESIGN  
CLONSILLA PEDESTRIAN CROSSING  
LOCATION PLAN. PROPOSAL

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

MAY MDC ARC LC04 DR A 0001 D

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

**Scale:** 1:500 @ A1



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

Client	Tionscadal Éireann Project Ireland 2040		
Consultant	IDOM	NTA	IRÓD
Produced by	GDV	Reviewed by	JDR
Approved by	CCH		

Client: Tionscadal Éireann Project Ireland 2040

Consultant: IDOM, NTA, IRÓD

Project: DART+ West

Drawing Title: LEVEL CROSSING DESIGN CLONSILLA PEDESTRIAN CROSSING STREET LEVEL PLAN

Drawing Number: 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

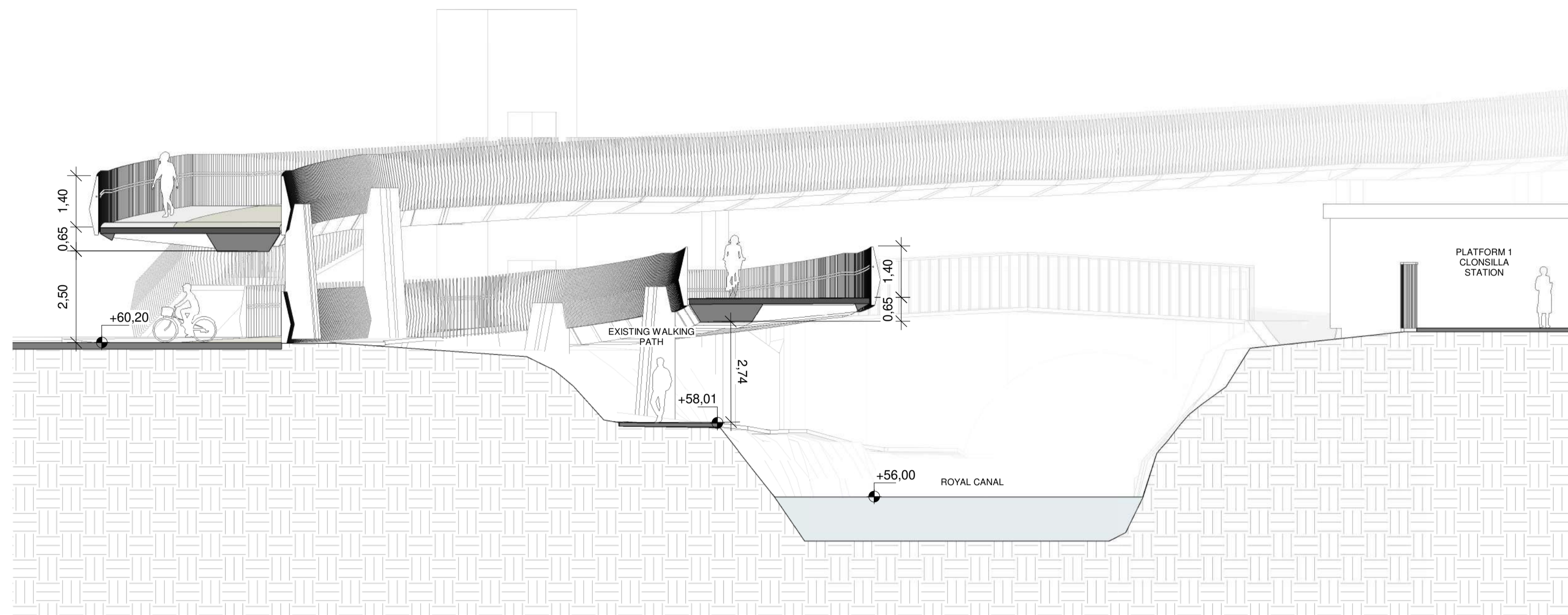
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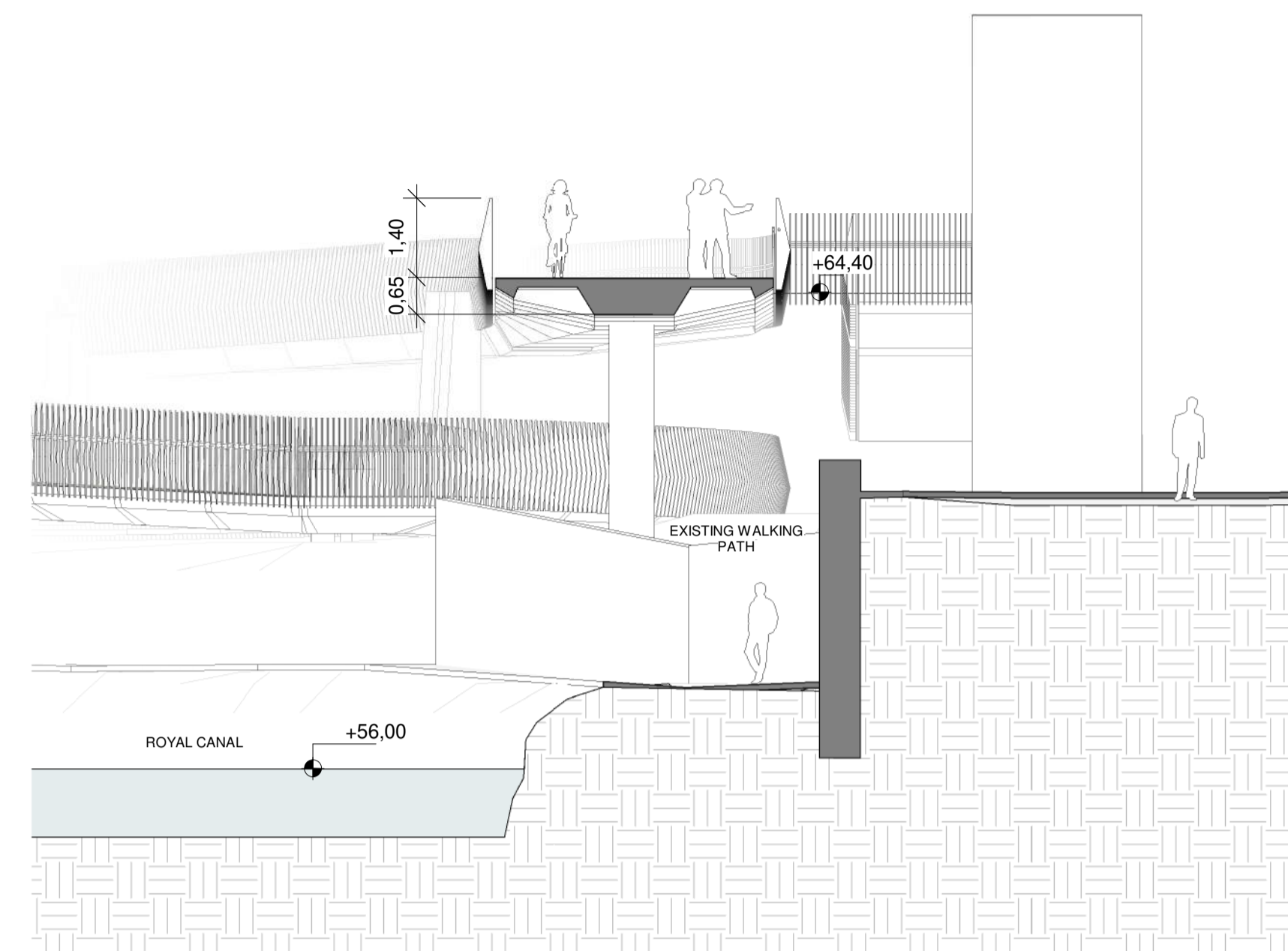
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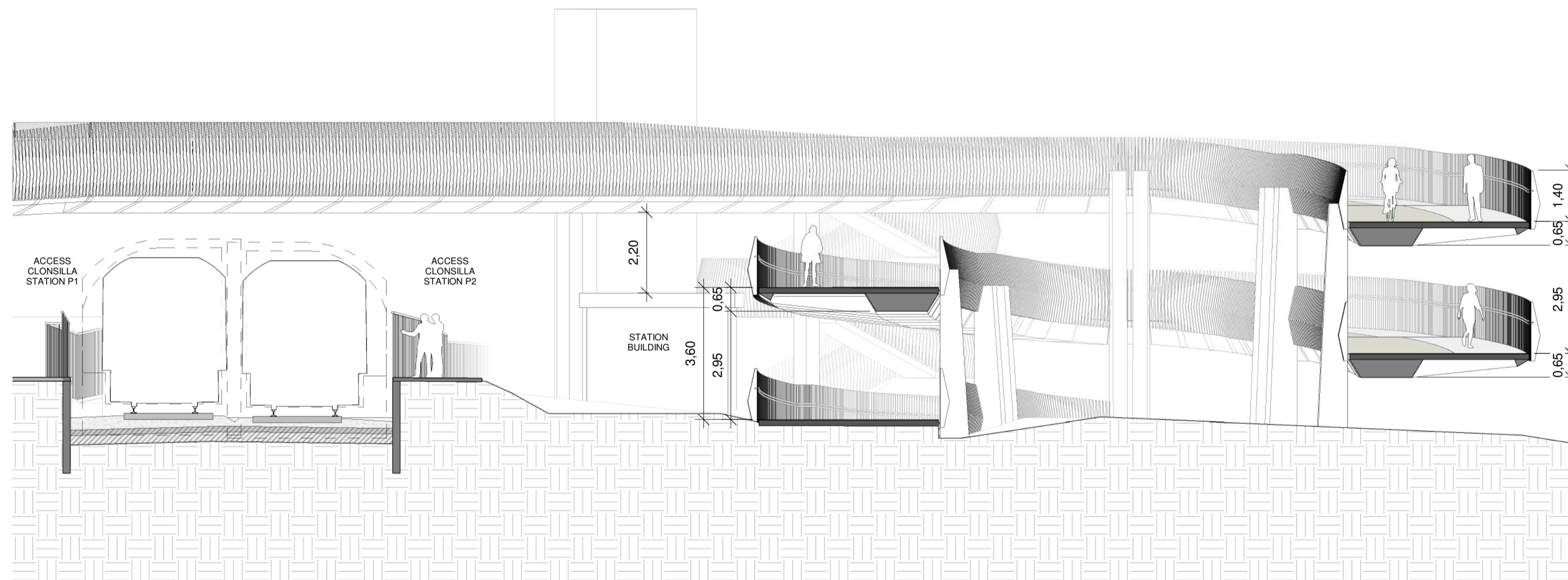
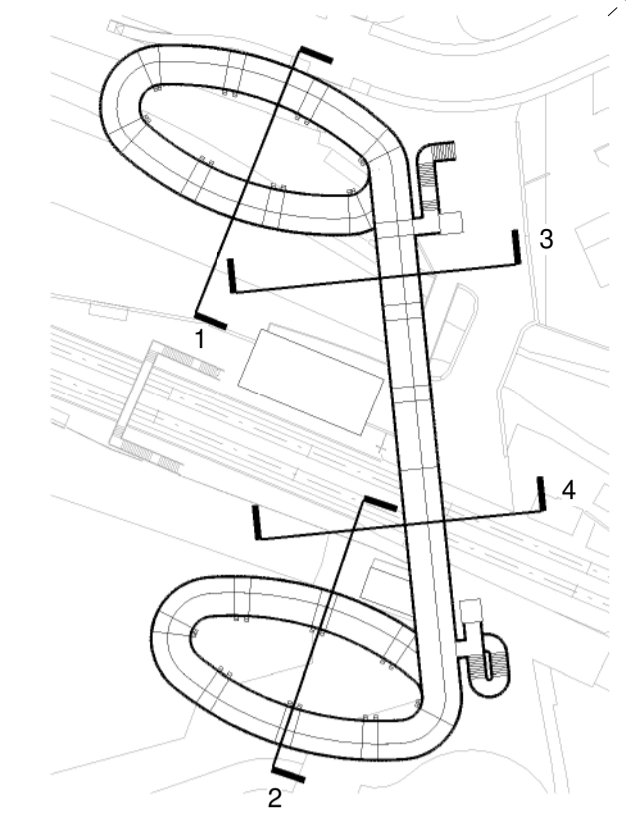




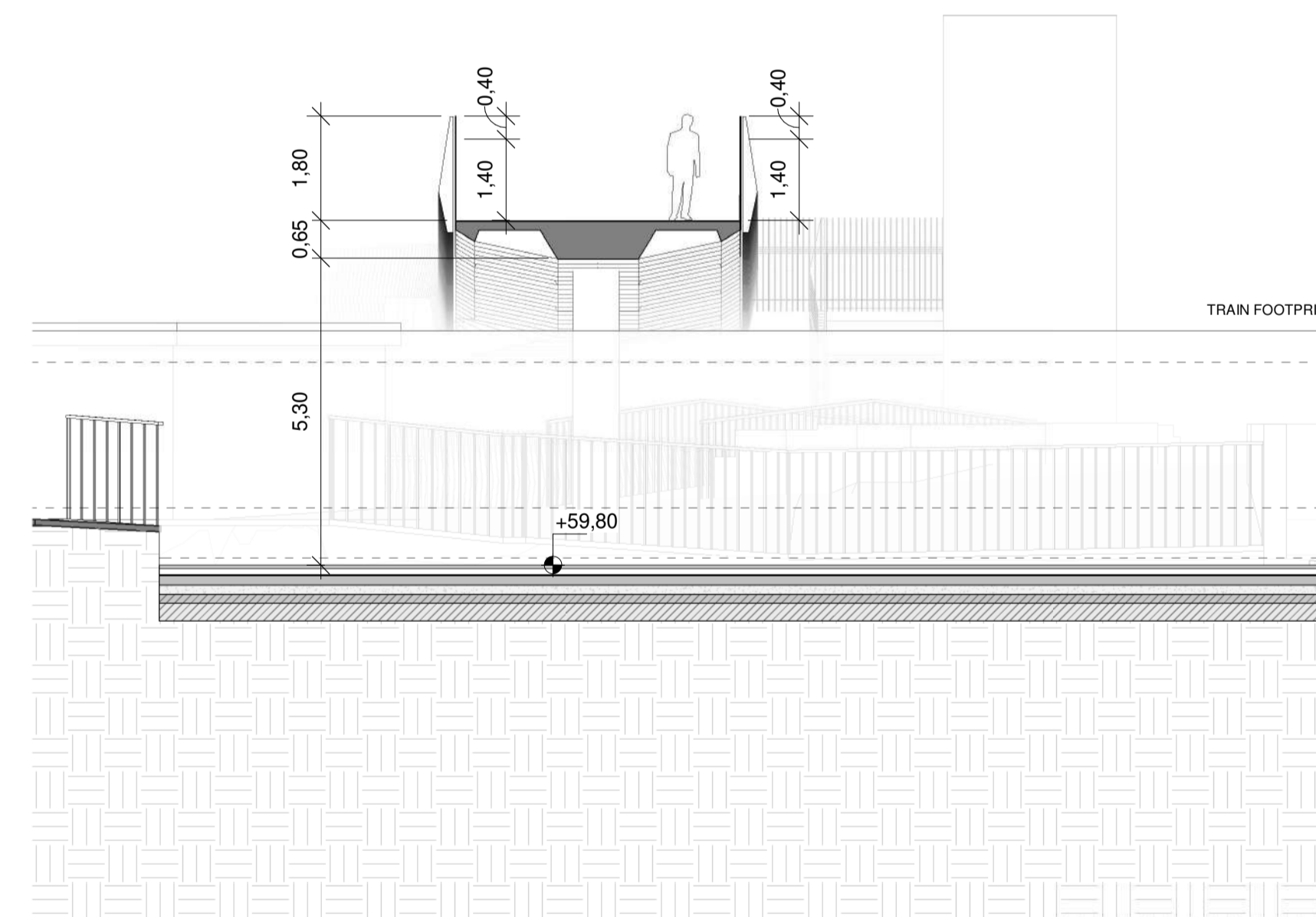
1 | Cross Section 01\_North Oval  
Scale 1:100



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**
- The retaining system will be defined with the input of the Geotechnical Report.
  - The foundation (deep or shallow) will be defined with the input of the Geotechnical Report and the retaining system.
  - Minimum track clearance under the bridge: 5.30 m.
  - Minimum clearance between existing walking path and proposed footbridge: 2.50 m
  - Additional protection will be provided when bridge crosses de track:
    - 1.40 m height solid railing + 0.40 m height IP2X mesh
    - no handrails

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Client

Tionscald Éireann  
Project Ireland  
2040

NTA  
Údarás Náisiúnta Iomparáil  
National Transport Authority

Iarnród Éireann  
Irish Rail

Consultant

IDOM

EROD  
ROGHAN & O'DONOVAN

Project

DART+  
West

Drawing Title

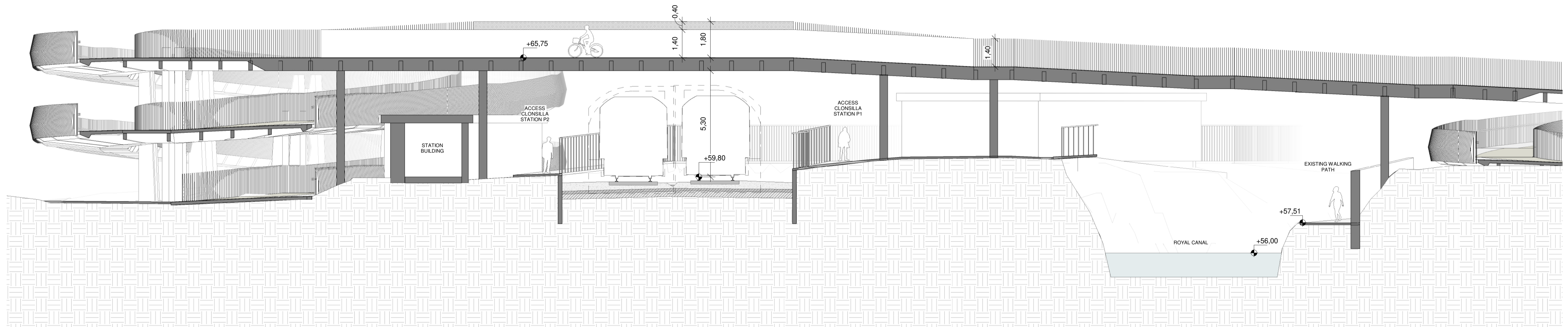
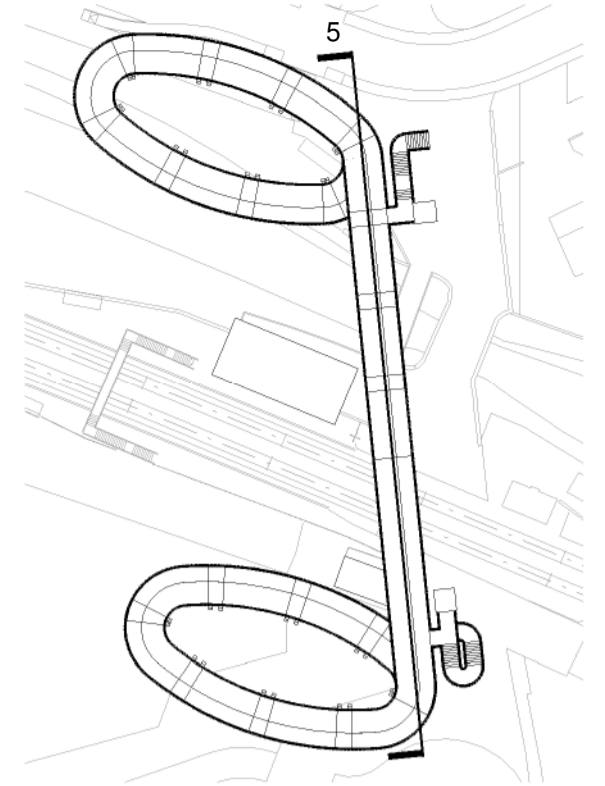
LEVEL CROSSING DESIGN  
CLONSILLA PEDESTRIAN CROSSING  
CROSS SECTIONS

Scale:  
1:100 @ A1

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

Date:	Job No.:	Status:	Rev.:
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5 | Longitudinal Section  
Scale 1 : 100

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**Client**

Tionscald Éireann  
Project Ireland 2040

NTA  
Údarás Náisiúnta Iompair  
National Transport Authority

Iarnród Éireann  
Irish Rail

**Consultant**

IDOM

3

PROJ ROD  
ROUGHAN & O'DONOVAN

**Project**

DART+  
West

**Drawing Title**

LEVEL CROSSING DESIGN  
CLONSILLA PEDESTRIAN CROSSING  
LONGITUDINAL SECTION

**Drawing Number**

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

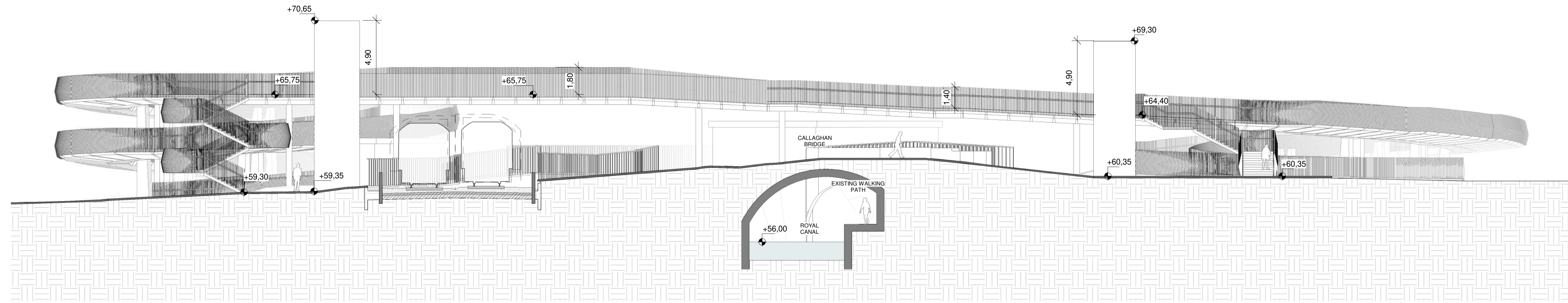
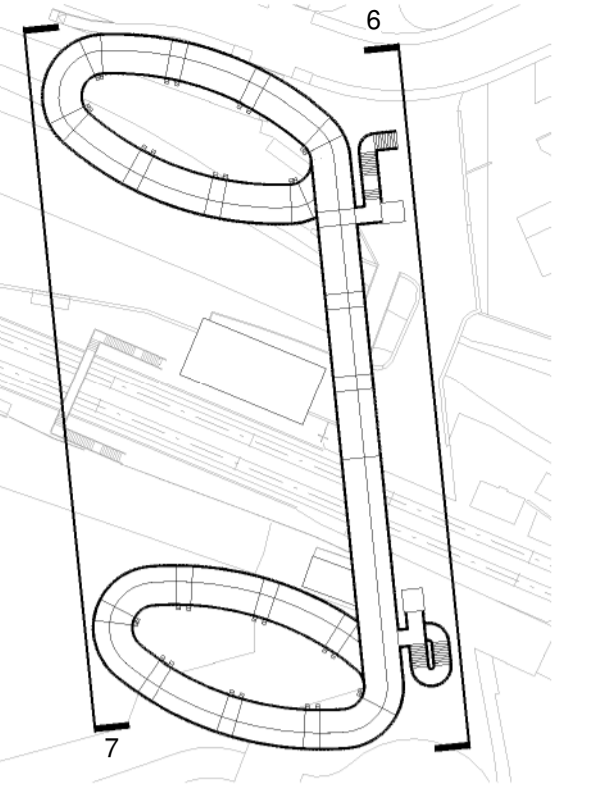
**Date:** AUGUST 2023

**Job No:** P/101086

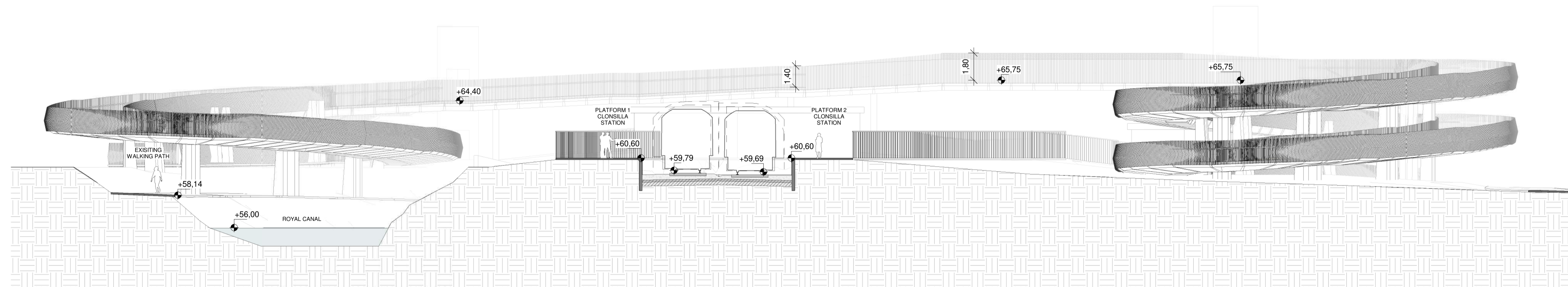
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**Rev:** V01

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6 East Elevation  
Scale 1 : 150



7 West Elevation  
Scale 1 : 150

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**Client**

Tionscadal Éireann Project Ireland 2040

NTA Údarás Náisiúnta Iompará Náisiúnta Transport Authority

**Irish Rail**

**Consultant**

IDOM

3

IRIOD ROUGHAN & O'DONOVAN

**Project**

DART+ West

**Drawing Title**

LEVEL CROSSING DESIGN  
CLONSILLA PEDESTRIAN CROSSING  
ELEVATIONS

**Scale:**  
1:150 @ A1

**Drawing Number**

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

**Date:** AUGUST 2023

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