

# Structures General Arrangement





# BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS

## RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME

DRAWING SERIES NUMBER(S)	DRAWING SERIES DESCRIPTION
BCIDD-ROT-STR_IX-0016_XX_00-DR-SS-0001	RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME. STRUCTURES. BRIDGES AND MAJOR RETAINING STRUCTURES - COVER SHEET
BCIDD-ROT-STR_KP-0016_XX_00-DR-SS-0001	RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME. STRUCTURES. BRIDGES AND RETAINING STRUCTURES - KEY PLAN
BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0019	RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME. STRUCTURES. RINGSEND 01. GEORGE'S DOCK SCHERZER BRIDGES - PROPOSED FOUNDATION DESIGN
BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0001	RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME. STRUCTURES. RINGSEND 01. GEORGE'S DOCK BRIDGE - GENERAL ARRANGEMENT - SHEET 1 OF 2
BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0002	RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME. STRUCTURES. RINGSEND 01. GEORGE'S DOCK BRIDGE - SECTIONS - SHEET 2 OF 2
BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0003	RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME. STRUCTURES. RINGSEND 02. BOARDWALK AT NORTH WALL QUAY - GENERAL ARRANGEMENT - SHEET 1 OF 2
BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0004	RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME. STRUCTURES. RINGSEND 02. BOARDWALK AT NORTH WALL QUAY - ELEVATION & SECTION - SHEET 2 OF 2
BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0020	RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME. STRUCTURES. RINGSEND 03. ROYAL CANAL SCHERZER BRIDGES. PROPOSED FOUNDATION DESIGN
BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0005	RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME. STRUCTURES. RINGSEND 03. ROYAL CANAL BRIDGE - GENERAL ARRANGEMENT - SHEET 1 OF 2
BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0006	RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME. STRUCTURES. RINGSEND 03. ROYAL CANAL BRIDGE - SECTIONS - SHEET 2 OF 2
MCD0716-RPS-00-XX-DR-S-DG0001	RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME. STRUCTURES..RINGSEND 04. WWRC BOARDWALK. STRUCTURAL LAYOUT PLAN
MCD0716-RPS-00-XX-DR-S-DG0002	RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME. STRUCTURES..RINGSEND 04. WWRC BOARDWALK. WESTERN STRUCTURAL LAYOUT - PLAN & DETAILS
MCD0716-RPS-00-XX-DR-S-DG0003	RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME. STRUCTURES.RINGSEND 04. WWRC BOARDWALK. EASTERN STRUCTURAL LAYOUT - PLAN & DETAILS
BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0009	RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME. STRUCTURES. RINGSEND 05. DODDER (OPENING) BRIDGE - OVERALL PLAN
BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0010	RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME. STRUCTURES. RINGSEND 05. DODDER (OPENING) BRIDGE - PLAN & LONGSECTION - SHEET 1 OF 6
BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0011	RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME. STRUCTURES. RINGSEND 05. DODDER (OPENING) BRIDGE - PLAN & LONGSECTION - SHEET 2 OF 6
BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0012	RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME. STRUCTURES. RINGSEND 05. DODDER (OPENING) BRIDGE - PLAN & CROSS SECTIONS - SHEET 3 OF 6
BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0013	RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME. STRUCTURES. RINGSEND 05. DODDER (OPENING) BRIDGE - CROSS SECTIONS - SHEET 4 OF 6
BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0014	RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME. STRUCTURES. RINGSEND 05. DODDER (OPENING) BRIDGE - CROSS SECTIONS - SHEET 5 OF 6
BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0015	RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME. STRUCTURES. RINGSEND 05. DODDER (OPENING) BRIDGE - CROSS SECTIONS - SHEET 6 OF 6
BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0016	RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME. STRUCTURES. RINGSEND RECLAIMED LAND - PLAN LAYOUT - SHEET 1 OF 3
BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0017	RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME. STRUCTURES. RINGSEND RECLAIMED LAND - SECTIONS - SHEET 2 OF 3
BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0018	RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME. STRUCTURES. RINGSEND RECLAIMED LAND - SECTIONS - SHEET 3 OF 3
BCIDD-ROT-SHA_ZZ-0016_XX_00-DR-SS-0001	RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME. St PATRICK'S ROWING CLUB - GROUND FLOOR PLAN
BCIDD-ROT-SHA_ZZ-0016_XX_00-DR-SS-0002	RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME. St PATRICK'S ROWING CLUB - FIRST FLOOR PLAN
BCIDD-ROT-SHA_ZZ-0016_XX_00-DR-SS-0003	RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME. St PATRICK'S ROWING CLUB - PROPOSED ELEVATIONS / SECTIONS
BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0007	RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME. STRUCTURES. PROPOSED SUB-STATION LOCATION
BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0008	RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME. STRUCTURES. - ESB SUB-STATION

\\rodubp1\U201919\17\1717-02\_WIP\08 MODELS\01\_CAD\01\_DWG\03\_STG 3 - STATUTORY PROCESS (M)\01\_PLANNING\16\_RINGSEND\Cover\_Sheets\BCIDD-ROT-STR\_IX-0016\_XX\_00-DR-SS-0001.dwg

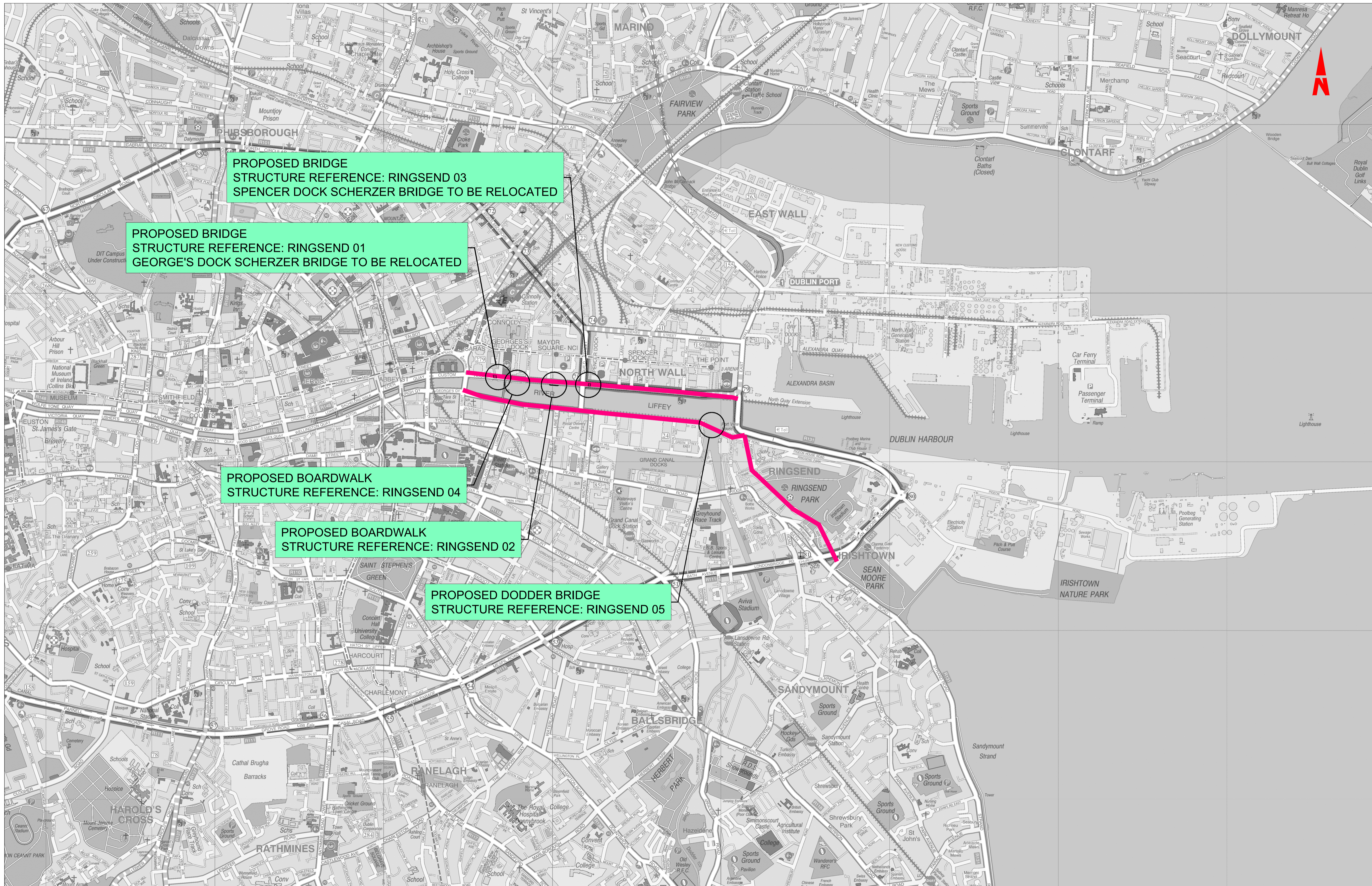
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Rev	Date	Drn	Chk'd	App'd	Description
M01	MAR 2023	CG	EOC	SMG	ISSUE FOR PHASE 4: PLANNING

Date	Scale	NTS @ A1	Drawn	Checked	Approved
MAR 2023	NTS @ A3	CG	EOC	SMG	
Programme Code	Originator Code	QMS Code			
BCIDD	ROT				

<b>Programme Title</b> <b>BUSCONNECTS DUBLIN</b> <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
<b>Drawing Title</b> RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME BRIDGES AND MAJOR RETAINING STRUCTURES COVER SHEET			
Drawing File Name	Sheet Number	Status	Rev
BCIDD-ROT-STR_IX-0016_XX_00-DR-SS-0001	01 of 01	A	M01

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**PROPOSED BRIDGE**  
**STRUCTURE REFERENCE: RINGSEND 03**  
**SPENCER DOCK SCHERZER BRIDGE TO BE RELOCATED**

**PROPOSED BRIDGE**  
**STRUCTURE REFERENCE: RINGSEND 01**  
**GEORGE'S DOCK SCHERZER BRIDGE TO BE RELOCATED**

**PROPOSED BOARDWALK**  
**STRUCTURE REFERENCE: RINGSEND 04**

**PROPOSED BOARDWALK**  
**STRUCTURE REFERENCE: RINGSEND 02**

**PROPOSED DODDER BRIDGE**  
**STRUCTURE REFERENCE: RINGSEND 05**

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Rev	Date	Drn	Chk'd	App'd	Description
M01	06/04/2022	JGE	EFD	SMG	ISSUE FOR PHASE 4: PLANNING

**Client**  
 NTA  
 Údarás Náisiúnta Iompair  
 National Transport Authority

**Engineering Designer**  
 IROD  
 TYPASA

**Date**  
 06/04/2022

**Scale**  
 1:10000 @ A1  
 1:20000 @ A3

**Drawn**  
 JGE

**Checked**  
 EFD

**Approved**  
 SMG

**Project Code**  
 BCIDD

**Originator Code**  
 NTA

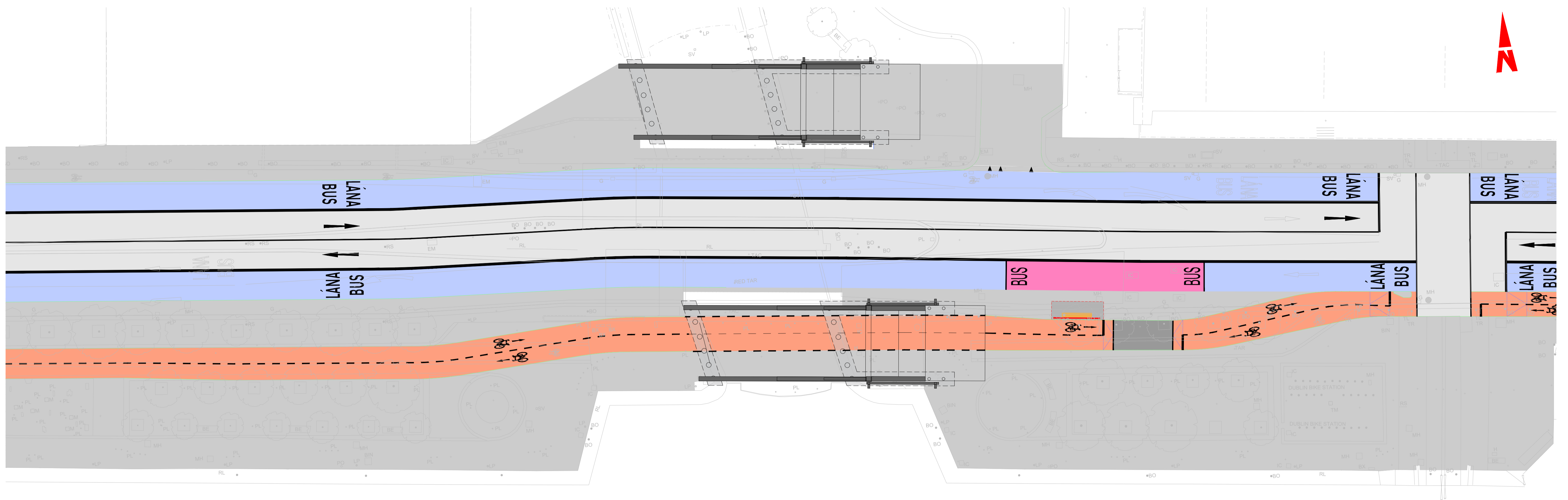
**QMS Code**

**Programme Title**  
**BUSCONNECTS DUBLIN**  
**CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

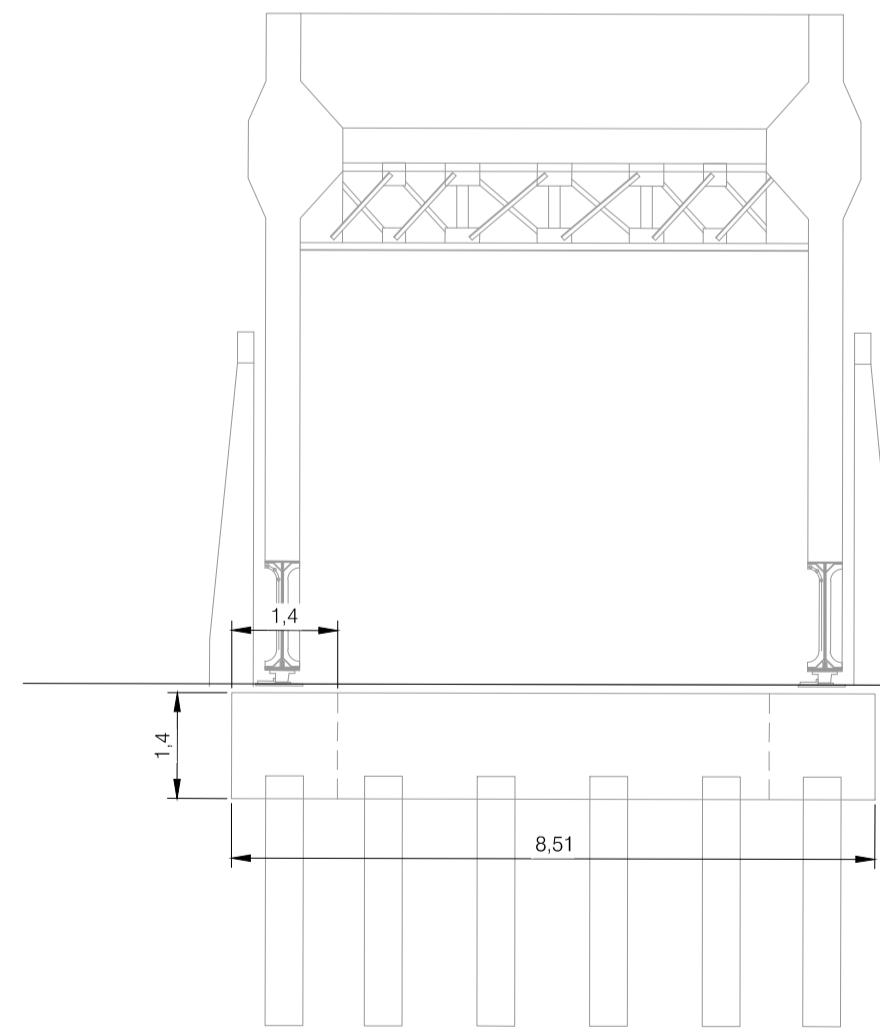
**Drawing Title**  
 CBC 16  
 RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME  
 BRIDGES & RETAINING STRUCTURES  
 KEY PLAN

<b>Drawing File Name</b> BCIDD-ROT-STR_KP-0016_XX_00-DR-SS-0001	<b>Sheet Number</b> 01 of 01	<b>Status</b> A	<b>Rev</b> M01
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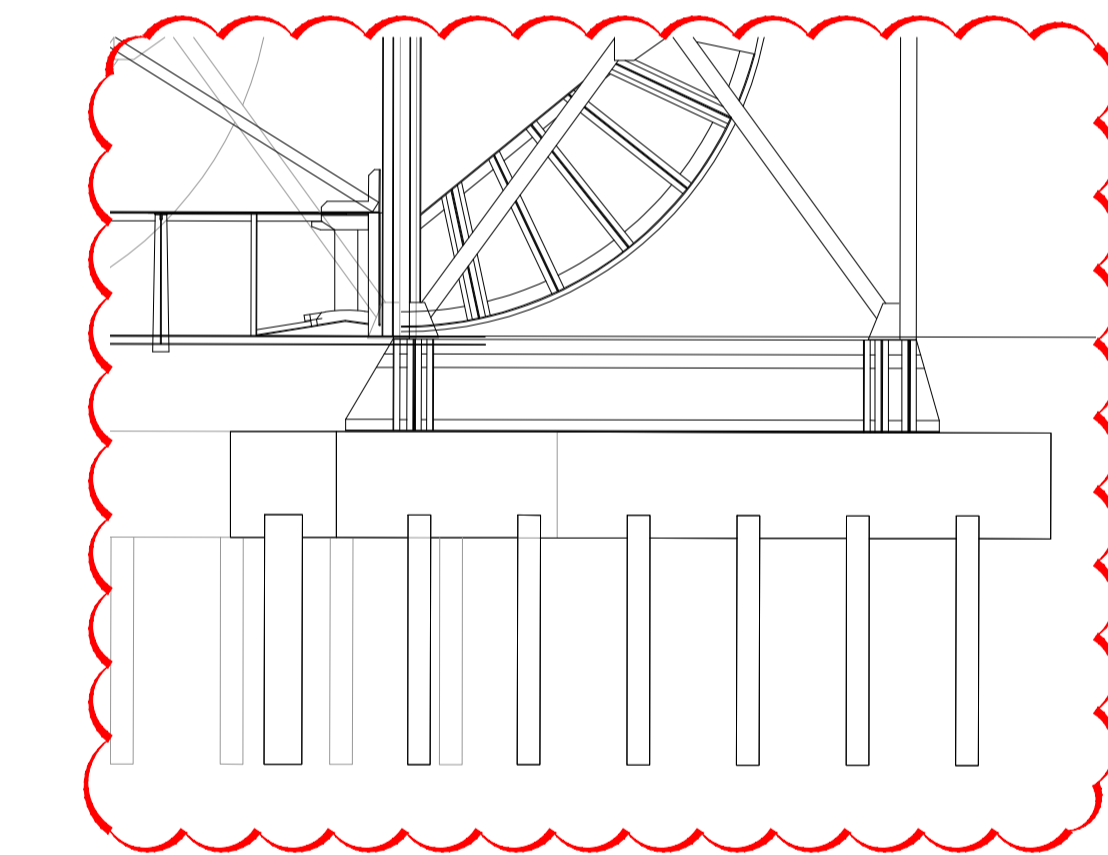
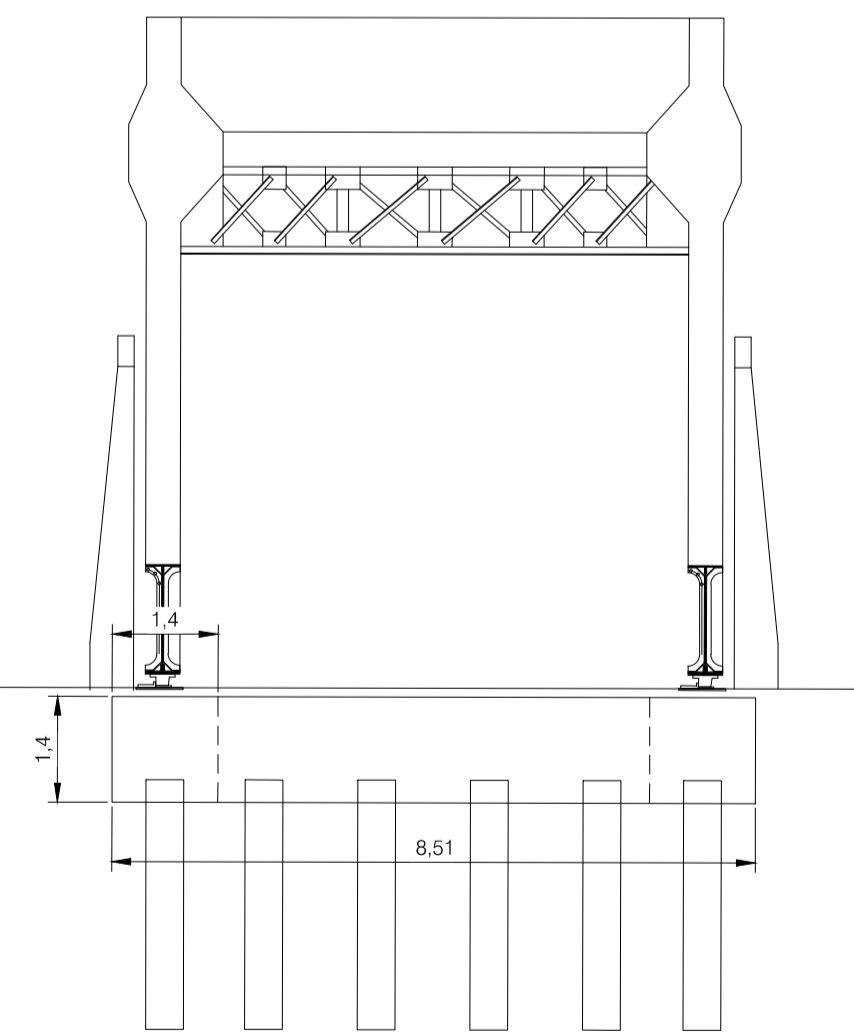
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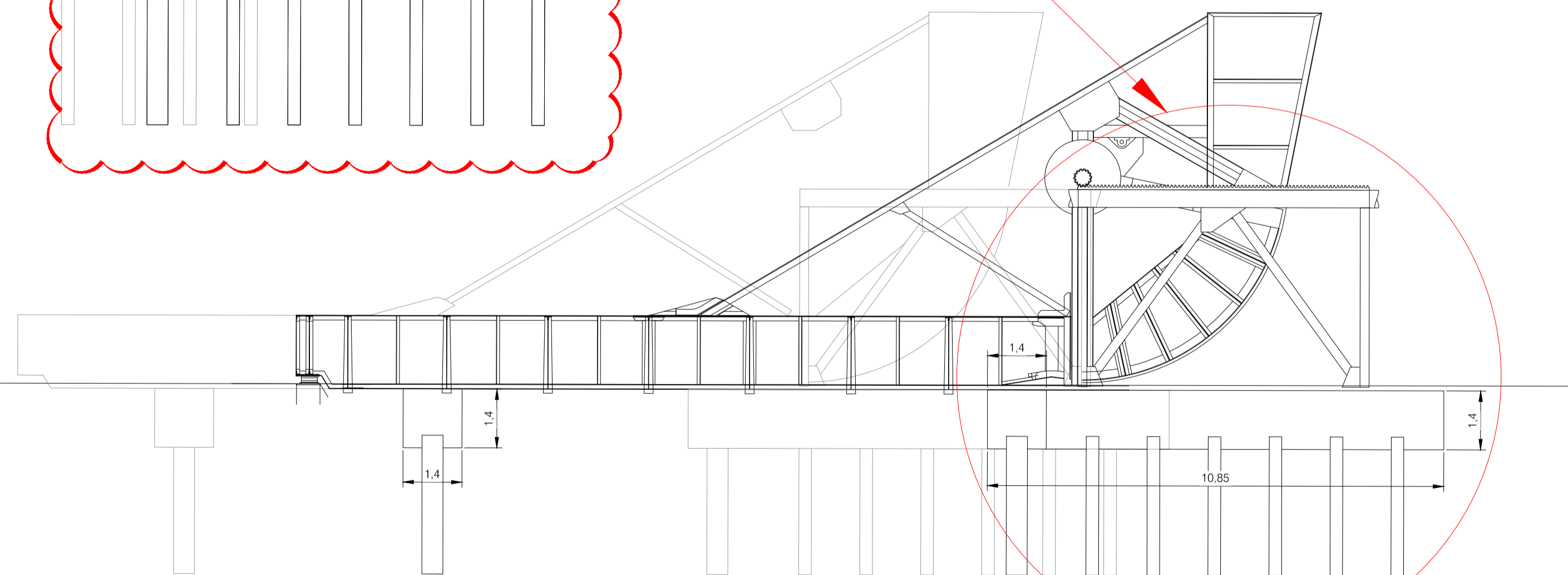
PLAN VIEW  
1:200



EAST ELEVATION  
1:100



SOUTH ELEVATION  
1:100



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Rev	Date	Drn	Chk'd	App'd	Description
M01	30/06/2022	AG	EOC	SMG	ISSUED FOR PHASE 4: PLANNING

Client <b>NTA</b> Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer <b>FIROD</b> TYPSA		
Date 30/06/2022	Scale 1:100 @ A1 1:200 @ A3	Drawn AG	Checked EOC	Approved SMG
Programme Code BCIDD	Originator Code ROT	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN</b> CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME RINGSEND 01 - GEORGE'S DOCK SCHERZER BRIDGES PROPOSED FOUNDATION DESIGN				
Drawing File Name BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0019	Sheet Number 19 of 20	Status A	Rev M01	

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J:\2019\1917119117-02\_WIPO8 MODELS\01 CAD\01 DWG\03 STG 3 - STATUTORY PROCESS (M)\01 PLANNING\16 RINGSEND\BCIDD-ROT-STR\_ZZ-0016\_XX\_00-DR-SS-0019.dwg



SCALE 1:100 @ A1; 1:200 @ A3



PLEASE REFER TO UTILITIES DRAWINGS FOR FURTHER INFORMATION

GEORGE'S DOCK

RELOCATED SCHERZER BRIDGE

EXISTING CULVERT

NORTH WALL QUAY

LANA

SE QUAY

BUS

BUS

BEARING

BEARING

RINGSEND 01 BRIDGE

WEST ABUTMENT

EAST ABUTMENT

EXISTING QUAY WALL TO BE PARTIALLY DEMOLISHED

7No REINFORCED CONCRETE PILES

7No REINFORCED CONCRETE PILES

QUAY WALL

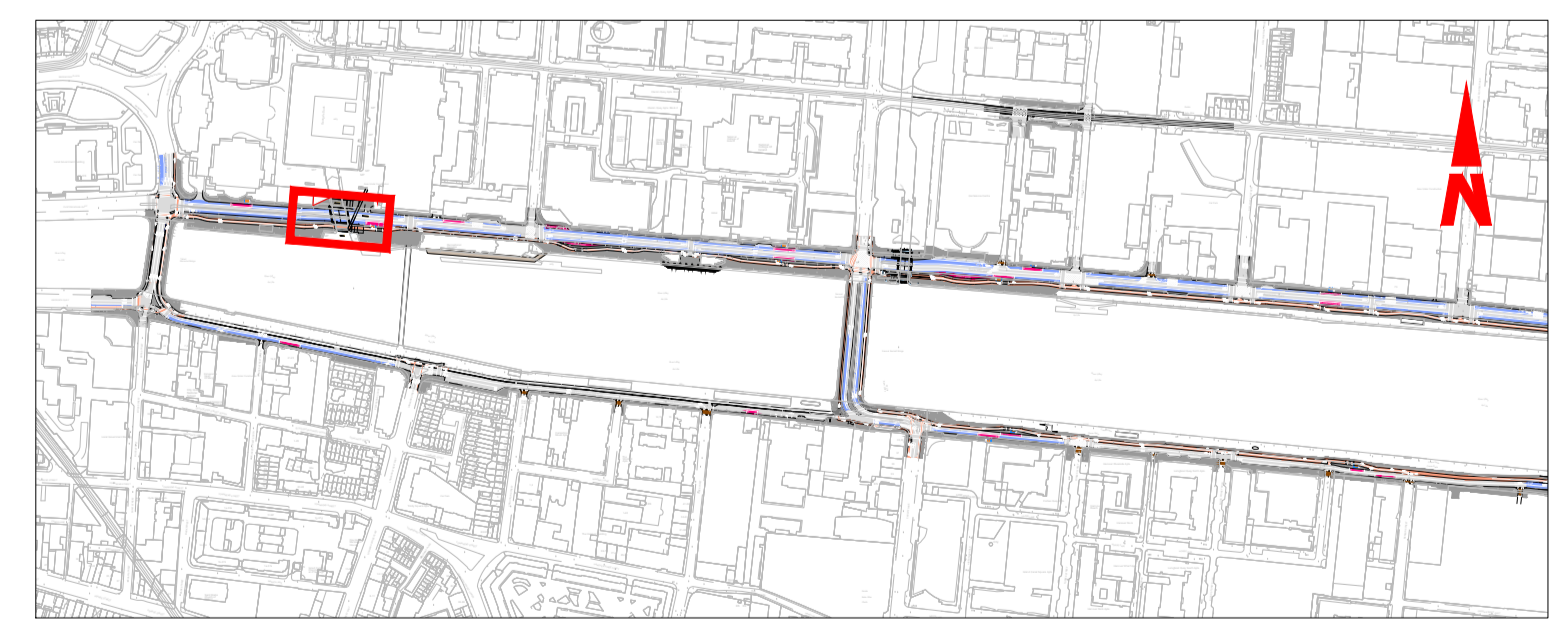
QUAY WALL

RELOCATED SCHERZER BRIDGE

RIVER LIFFEY

GENERAL PLAN  
SCALE 1:100

- NOTES:**
- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
  - THE GENERAL ARRANGEMENT IS INDICATIVELY ONLY.
  - PRIOR TO THE EXECUTION OF THE WORKS, THE CONTRACTOR MUST CHECK ON SITE THE GEOMETRY AND DIMENSIONS OF THE EXISTING STRUCTURAL ELEMENTS. SHOULD THE CONTRACTOR FIND ANY DISCREPANCY WITH THOSE INDICATED IN THE DRAWINGS, THEN IT SHALL BE COMMUNICATED IMMEDIATELY TO THE PROJECT DIRECTOR PRIOR COMMENCING CONSTRUCTION WORKS.
  - TEMPORARY FENCING SHOULD BE ERECTED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
  - ALL BURIED SURFACES TO BE WATERPROOFED IN ACCORDANCE WITH THE TII SPECIFICATION FOR ROAD WORKS.
  - FOUNDATION DETAILS SUBJECT TO CONFIRMATION OR RECEIPT OF G.I.
  - SAFETY BARRIER IN ACCORDANCE WITH DN-REG-03034
  - PRECAST BEAM STRENGTH:
    - C45/55 @ TRANSFER
    - C57/70 @ 28 DAYS
  - SERVICES SHOWN INDICATIVELY ONLY. THE CONTRACTOR SHALL IDENTIFY THE SERVICES ON SITE PRIOR COMMENCING CONSTRUCTION WORKS.



KEY PLAN

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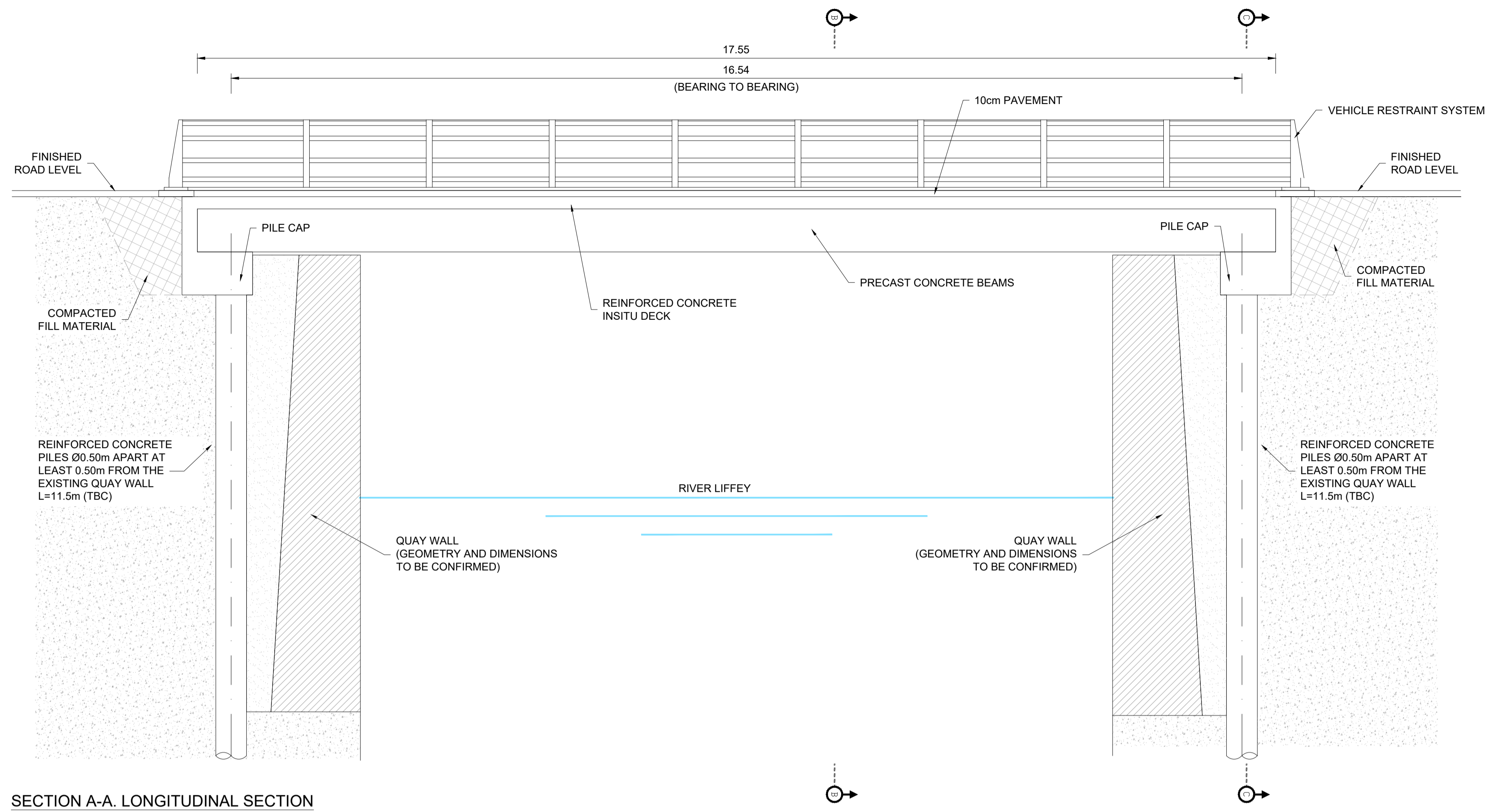
Rev	Date	Drn	Chk'd	App'd	Description
M01	30/06/2022	JGE	EFD	SMG	ISSUE FOR PHASE 4: PLANNING

Client <b>NTA</b> Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer <b>PROD</b> TYPSA		
Date 30/06/2022	Scale 1:100 @ A1 1:200 @ A3	Drawn JGE	Checked EFD	Approved SMG
Project Code BCIDD	Originator Code ROT	QMS Code		

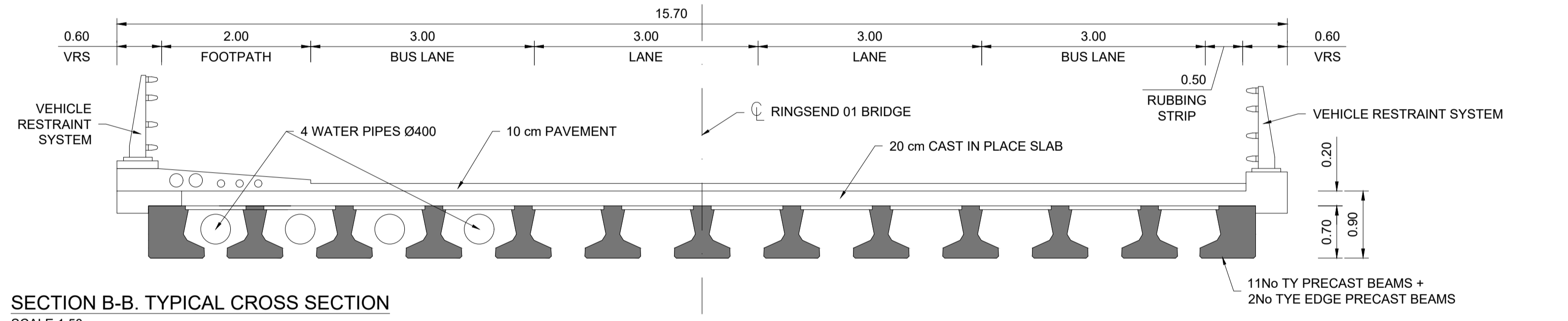
Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME STRUCTURES RINGSEND 01 - GEORGE'S DOCK GENERAL ARRANGEMENT - SHEET 1 OF 2				
Drawing File Name BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-001	Sheet Number 01 of 02	Status A	Rev M01	

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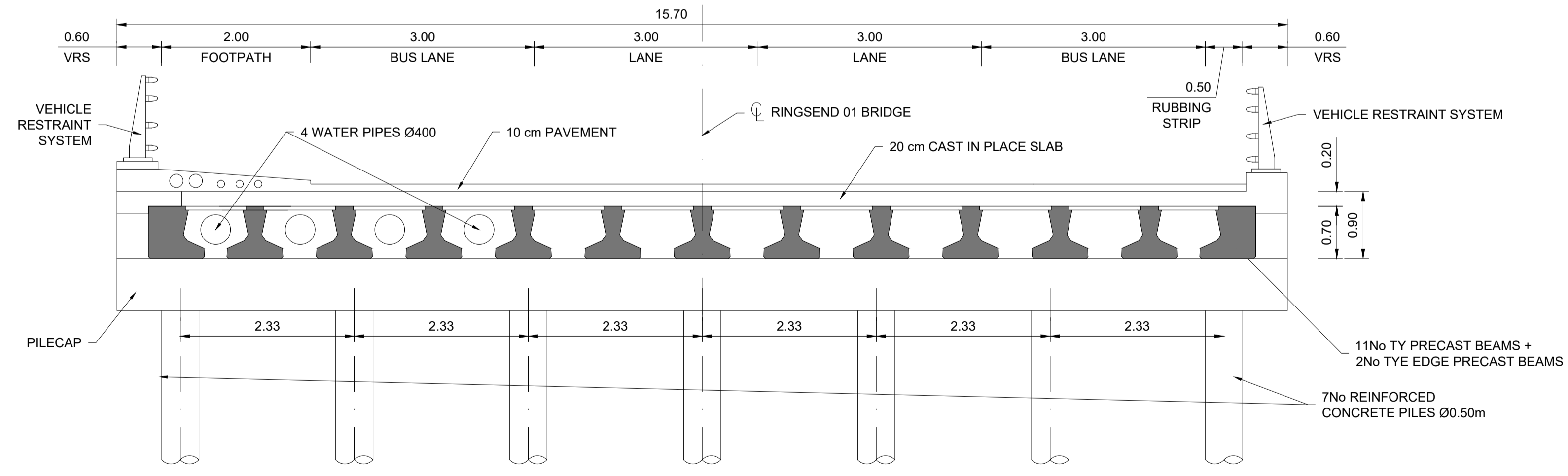
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SECTION A-A. LONGITUDINAL SECTION  
SCALE 1:50



SECTION B-B. TYPICAL CROSS SECTION  
SCALE 1:50



SECTION C-C. TYPICAL CROSS SECTION AT ABUTMENTS  
SCALE 1:50

- NOTES:**
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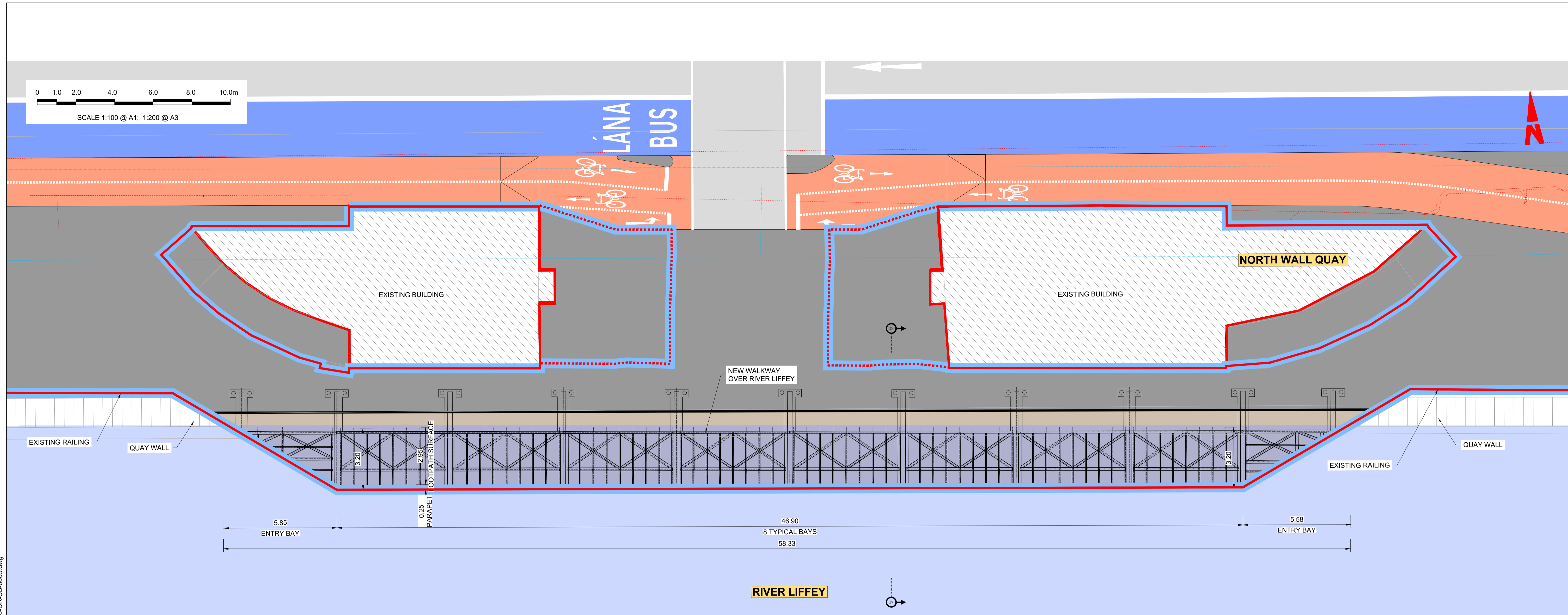
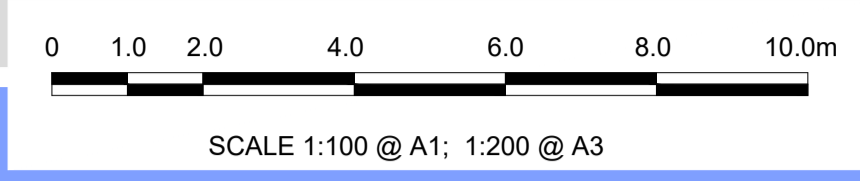
Rev	Date	Drn	Chk'd	App'd	Description
M01	30/06/2022	JGE	EFD	SMG	ISSUE FOR PHASE 4: PLANNING

Client <b>NTA</b> Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer <b>IROD</b> TYPSA		
Date 30/06/2022	Scale 1:100 @ A1 1:200 @ A3	Drawn JGE	Checked EFD	Approved SMG
Project Code BCIDD	Originator Code ROT	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME STRUCTURES RINGSEND 01 - GEORGE'S DOCK SECTIONS - SHEET 2 OF 2				
Drawing File Name BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0002	Sheet Number 02 of 02	Status A	Rev M01	

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

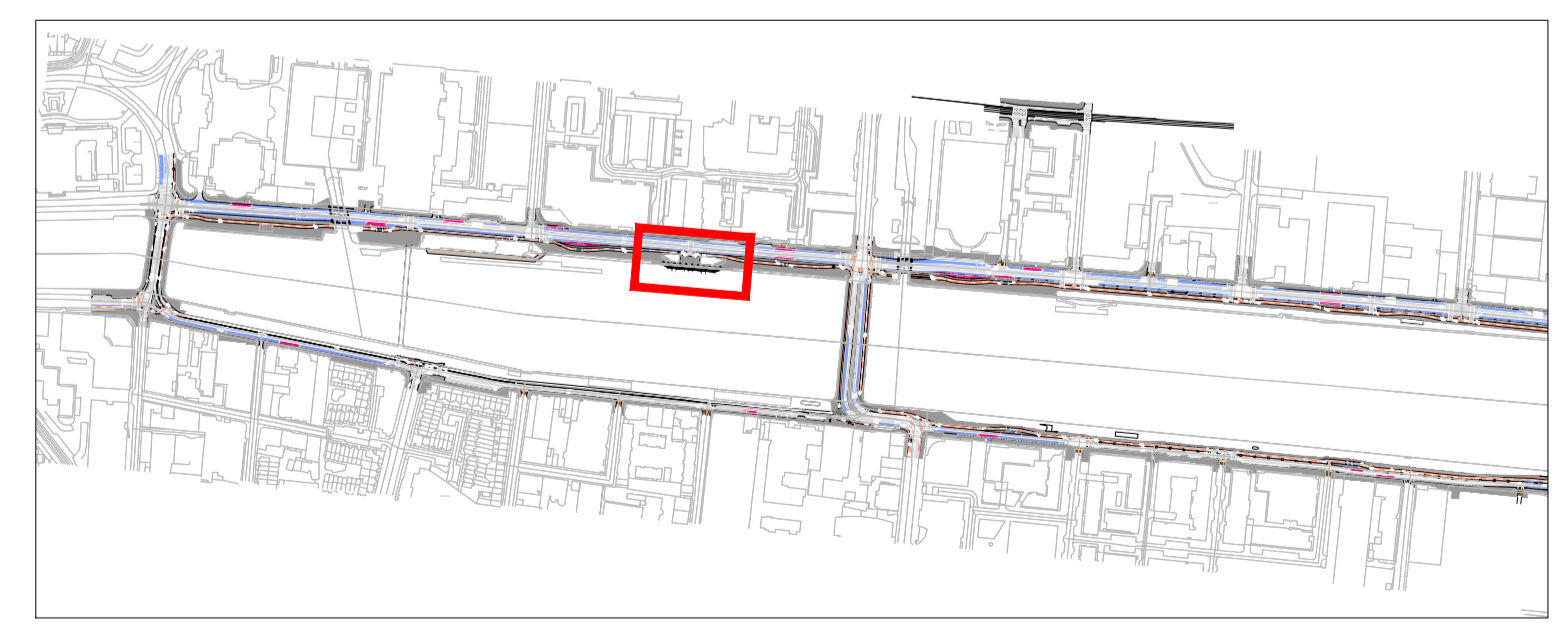
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**GENERAL PLAN**  
SCALE 1:100

**NOTES:**

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4. ALL BURIED SURFACES TO BE WATERPROOFED IN ACCORDANCE WITH THE TII SPECIFICATION FOR ROAD WORKS.
5. FOUNDATION DETAILS SUBJECT TO CONFIRMATION OR RECEIPT OF G.I.
6. SAFETY BARRIER IN ACCORDANCE WITH SAFETY BARRIER IN ACCORDANCE WITH DN-REG-03034
7. STRUCTURAL STEEL ELEMENTS:  
- STEEL S355
8. SERVICES SHOWN INDICATIVELY ONLY. THE CONTRACTOR SHALL IDENTIFY THE SERVICES ON SITE PRIOR COMMENCING CONSTRUCTION WORKS.



**KEY PLAN**

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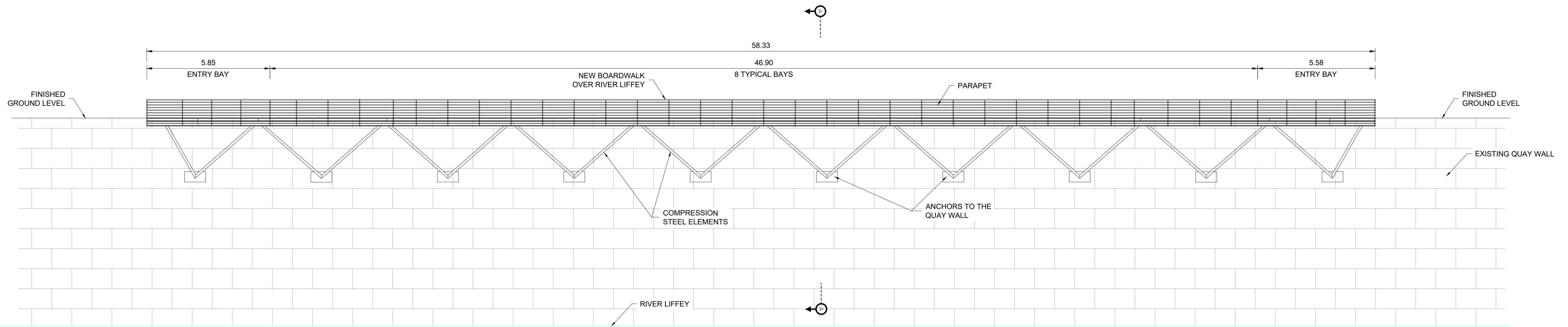
Rev	Date	Drn	Chk'd	App'd	Description
M01	30/06/2022	JGE	EFD	SMG	ISSUE FOR PHASE 4: PLANNING

 Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer  TYPSA		
Date	Scale	Drawn	Checked	Approved
30/06/2022	1:100 @ A1 1:200 @ A3	JGE	EFD	SMG
Project Code	Originator Code	QMS Code		
BCIDD	ROT			

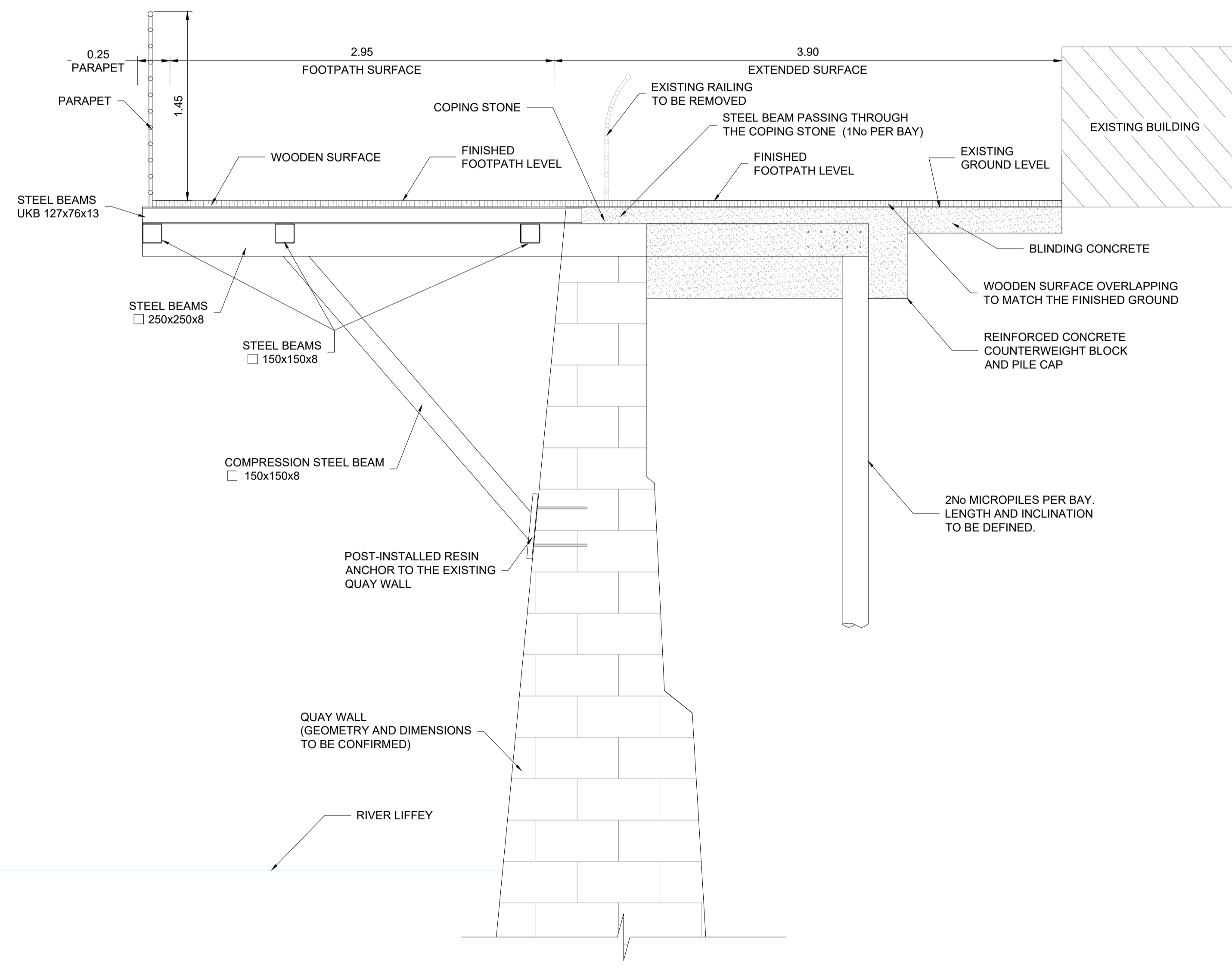
Programme Title <b>BUSCONNECTS DUBLIN</b> <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME STRUCTURES RINGSEND 02 - BOARDWALK AT NORTH WALL QUAY - GENERAL ARRANGEMENT				
Drawing File Name	Sheet Number	Status	Rev	
BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0003	01 of 02	A	M01	

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ELEVATION VIEW  
SCALE 1:100



SECTION A-A. TYPICAL SECTION  
SCALE 1:25

**NOTES:**

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5. FOUNDATION DETAILS SUBJECT TO CONFIRMATION OR RECEIPT OF G.I.
6. SAFETY BARRIER IN ACCORDANCE WITH SAFETY BARRIER IN ACCORDANCE WITH DN-REG-03034
7. STRUCTURAL STEEL ELEMENTS:  
- STEEL S355
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M01	30/06/2022	JGE	EFD	SMG	ISSUE FOR PHASE4: PLANNING

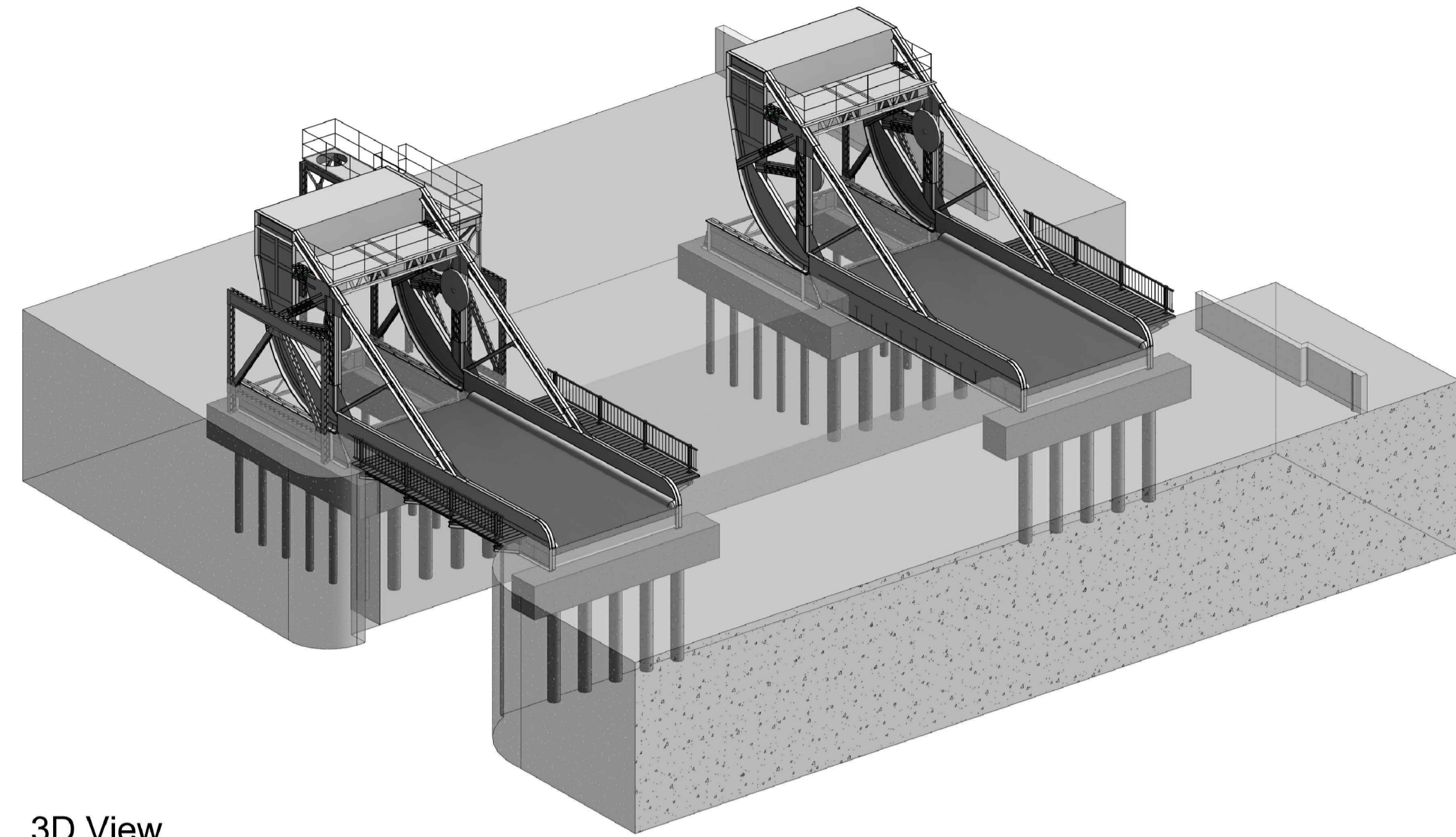
Client <b>NTA</b> Udarás Náisiúnta Iompair National Transport Authority		Engineering Designer <b>JROD</b> TYPSA		
Date 30/06/2022	Scale AS SHOWN	Drawn JGE	Checked EFD	Approved SMG
Project Code BCIDD	Originator Code ROT	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME STRUCTURES RINGSEND 02 - BOARDWALK AT NORTH WALL QUAY - ELEVATION & SECTION - SHEET 2 OF 2				
Drawing File Name BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0004	Sheet Number 02 of 02	Status A	Rev M01	

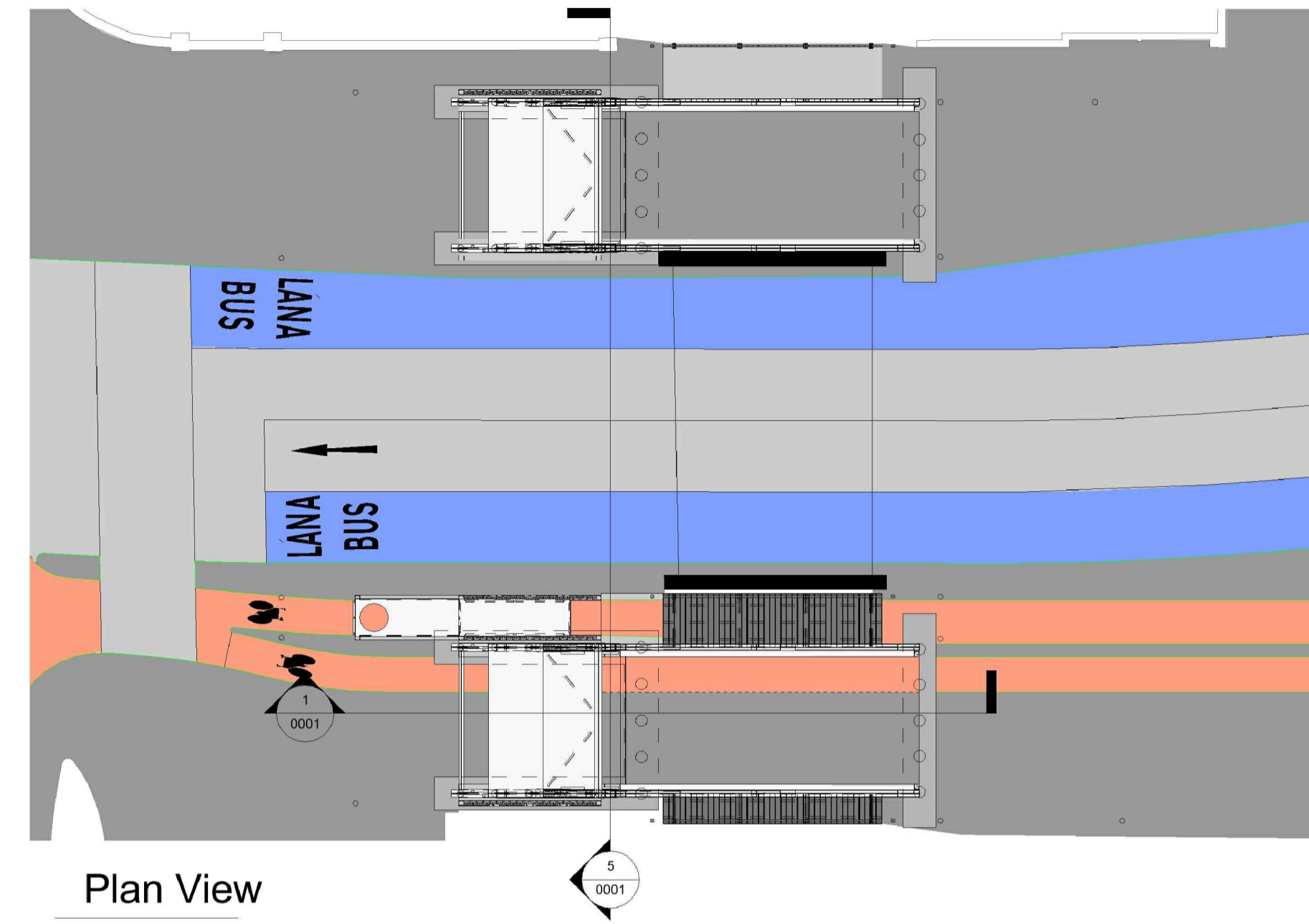
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3D View

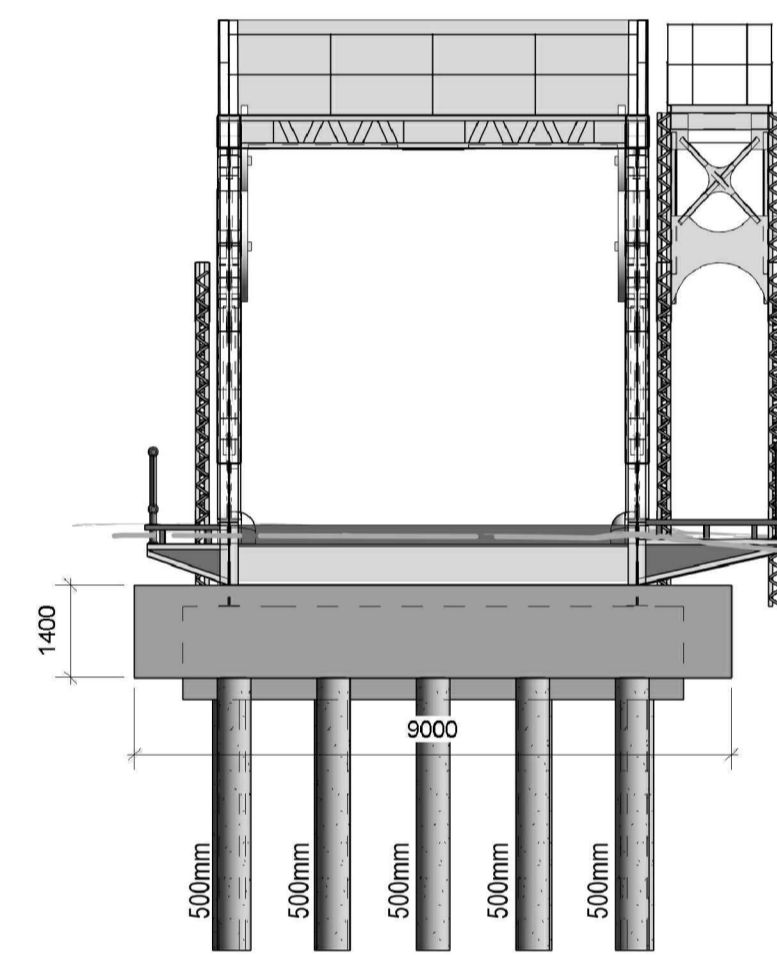


Plan View

1 : 200

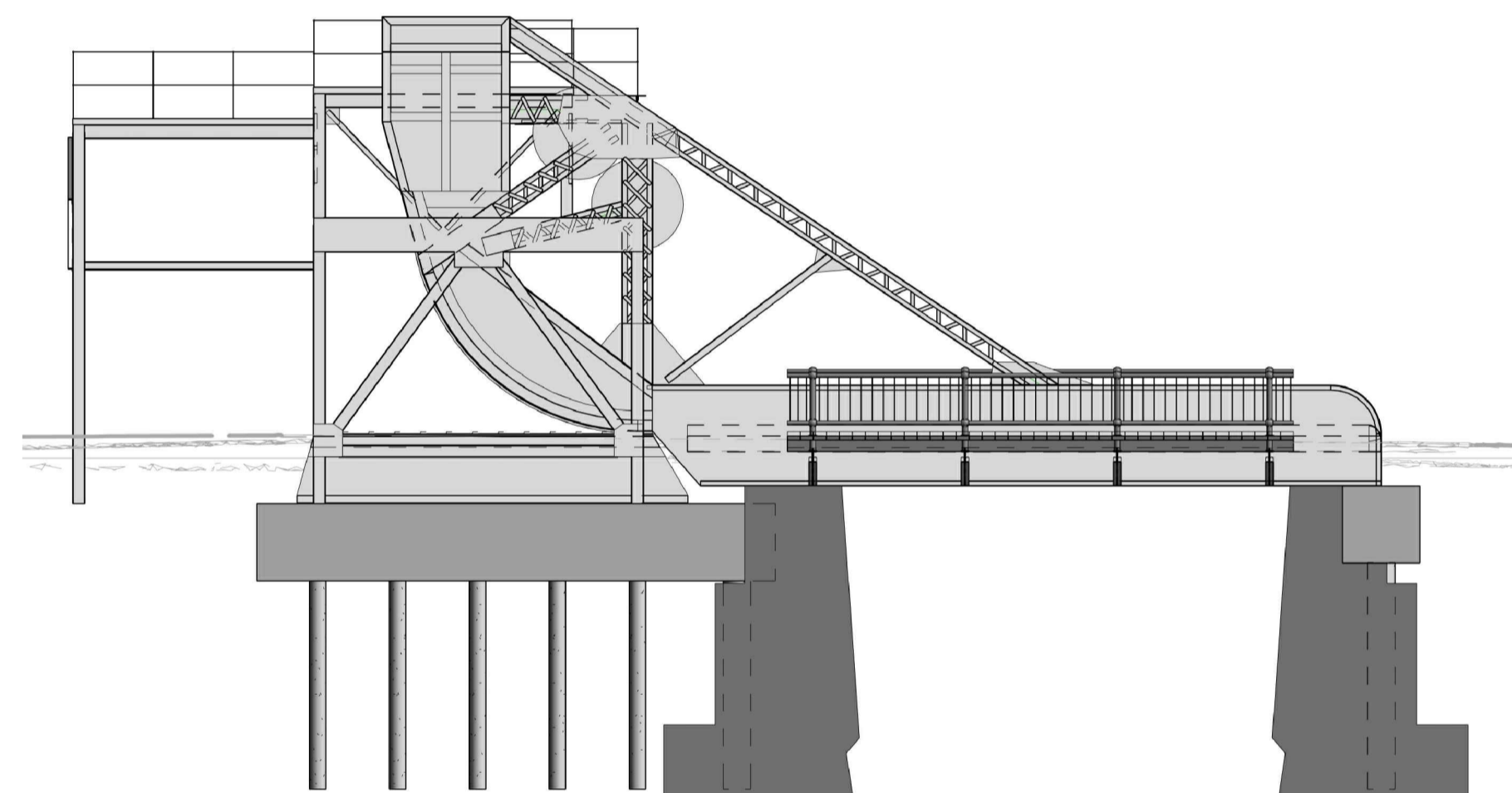
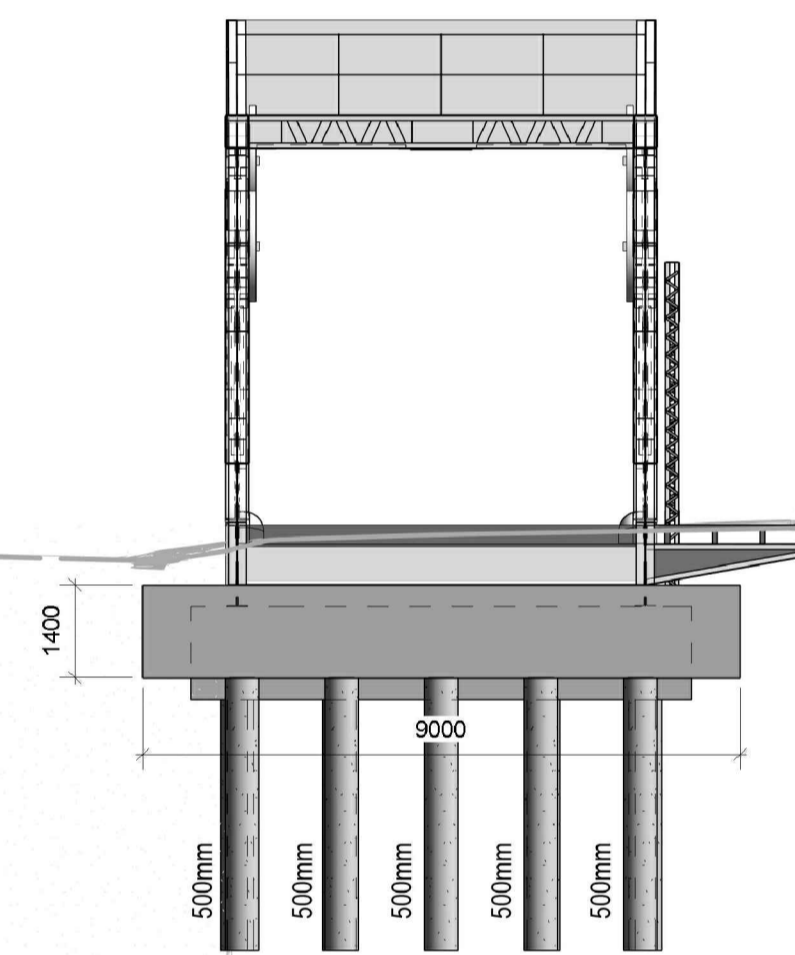
**NOTES:**

1. LENGTH OF PILES 5m SUBJECT TO G.I. DIAMETER AS SHOWN.
2. FOUNDATION LAYOUT ASSUMES THE BRIDGES ARE TO BE RECOMMISSIONED
3. DEPTH TO BEDROCK IS CURRENTLY UNKNOWN AND WILL BE DETERMINED AS PART OF DETAILED DESIGN.
4. PILE CAPS BEHIND CAPPING STONES
5. SEE ACCOMPANYING TYPICAL CROSS SECTION



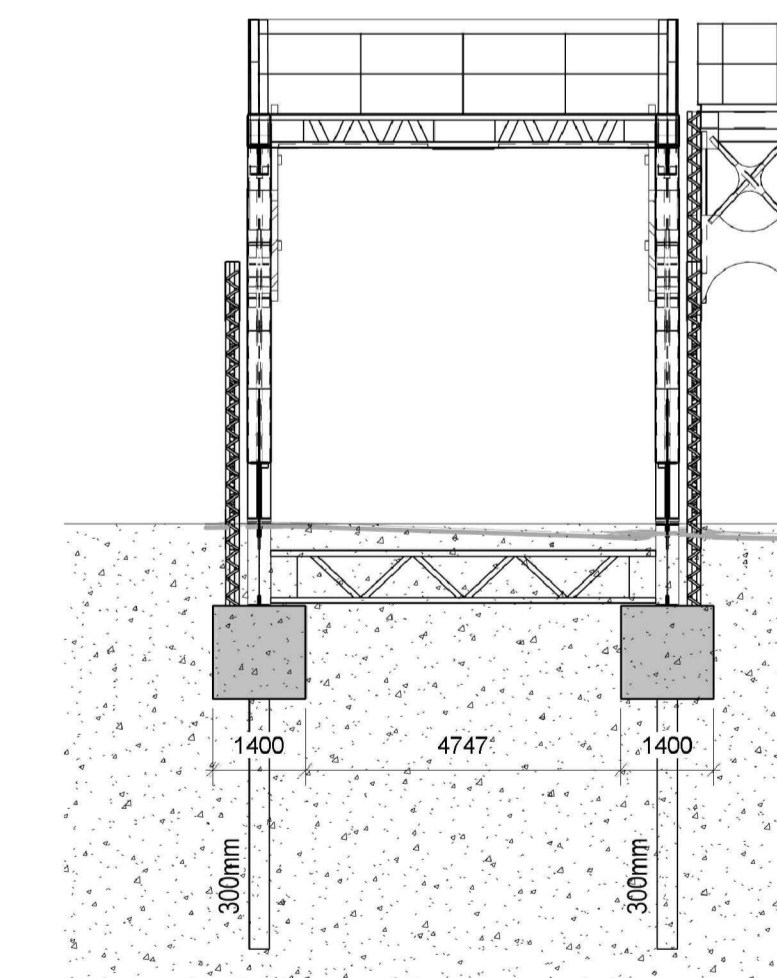
East Elevation

1 : 100



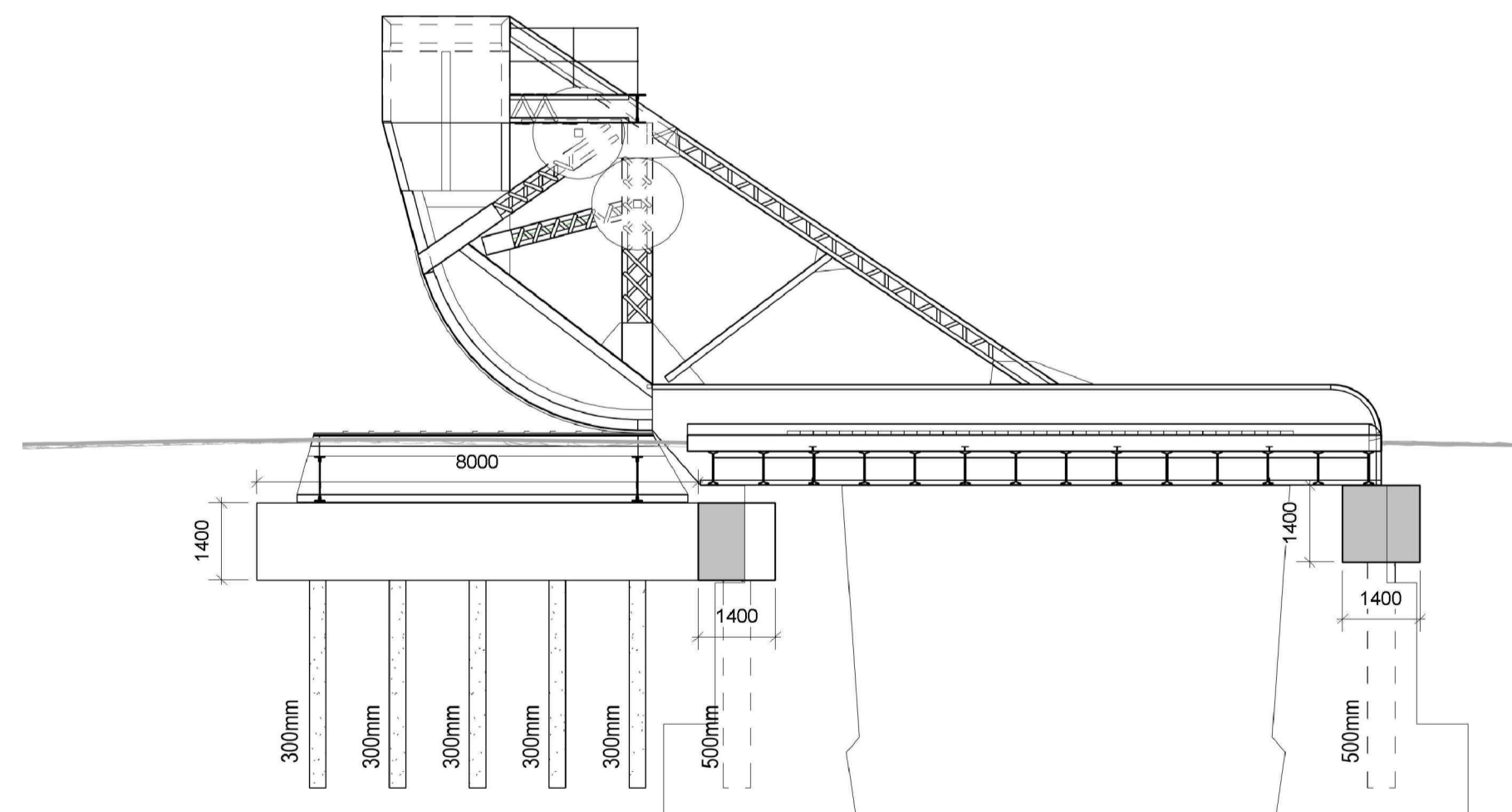
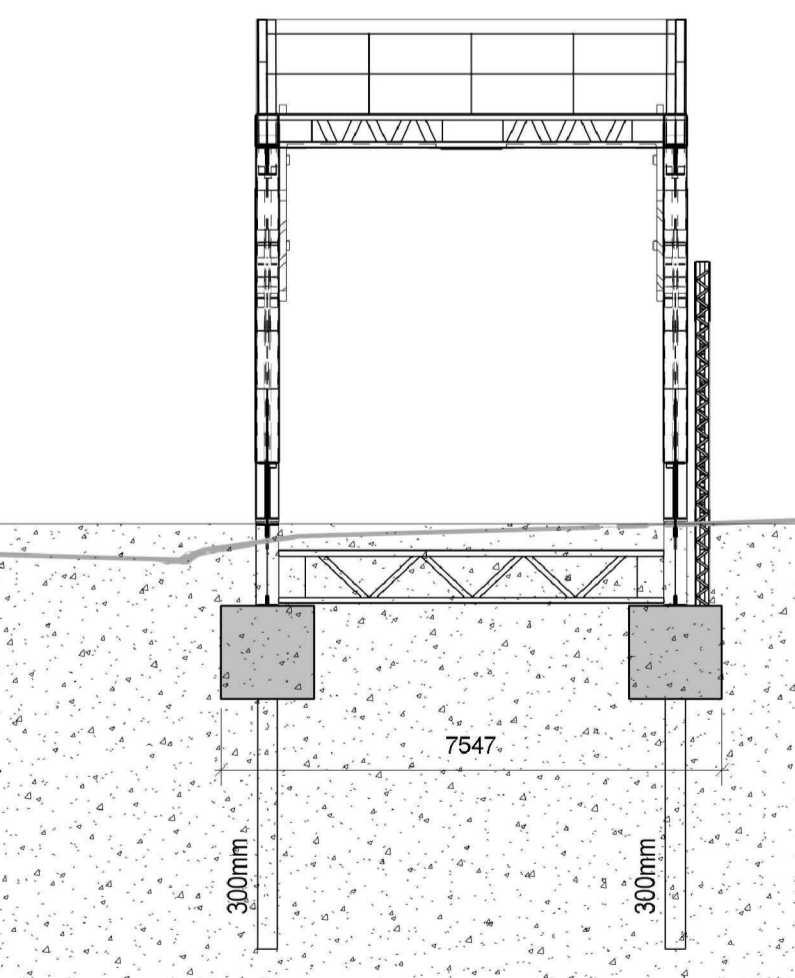
South Elevation

1 : 100



Section B-B

1 : 100



Section A-A

1 : 100

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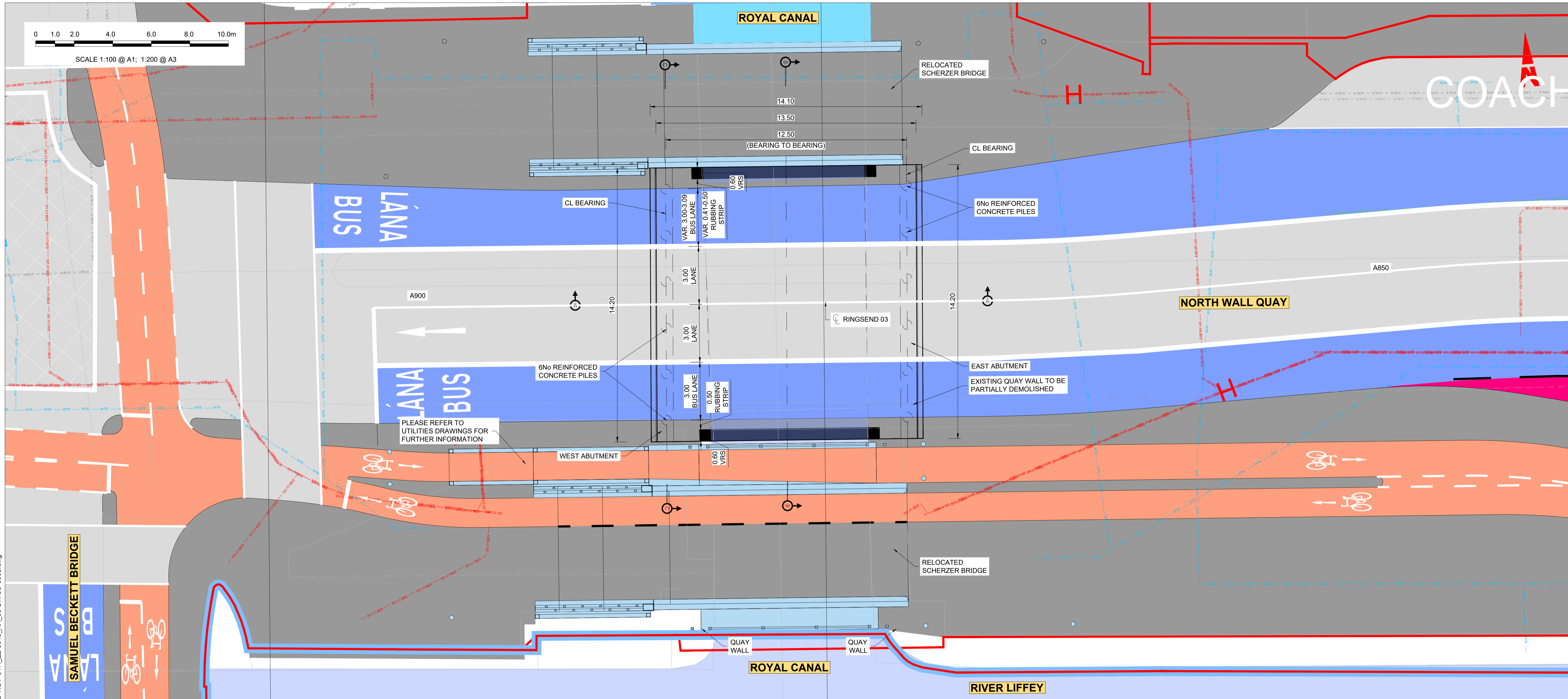


Rev	Date	Drn	Chk'd	App'd	Description
M01	30/06/2022	AG	EOC	SMG	ISSUED FOR PHASE 4: PLANNING

Client <b>NTA</b> Udarás Náisiúnta Iompair National Transport Authority		Engineering Designer <b>FIROD</b> TYPSA		
Date 30/06/2022	Scale 1:100 @ A1 1:200 @ A3	Drawn AG	Checked EOC	Approved SMG
Programme Code BCIDD	Originator Code ROT	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN</b> CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME RINGSEND 03 - ROYAL CANAL SCHERZER BRIDGES PROPOSED FOUNDATION DESIGN				
Drawing File Name BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0020	Sheet Number 20 of 20	Status A	Rev M01	

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GENERAL PLAN  
SCALE 1:100

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- SAFETY BARRIER IN ACCORDANCE WITH DN-REG-03034
- PRECAST BEAM STRENGTH:  
- C45/55 @ TRANSFER  
- C57/70 @ 28 DAYS
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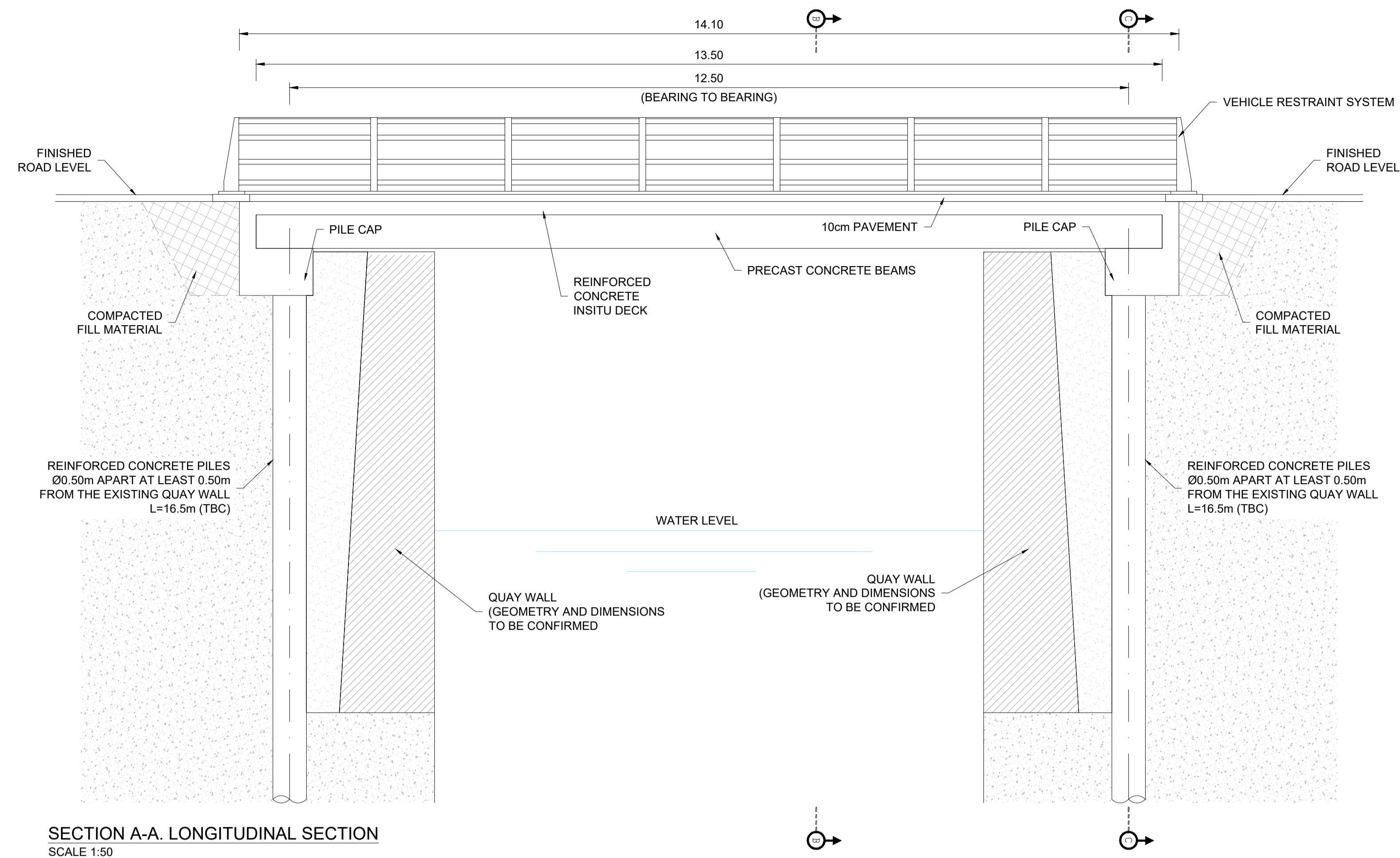
Client  
**NTA**  
 Údarás Náisiúnta Iompair  
 National Transport Authority

Engineering Designer  
**I-ROD**  
 TYPASA

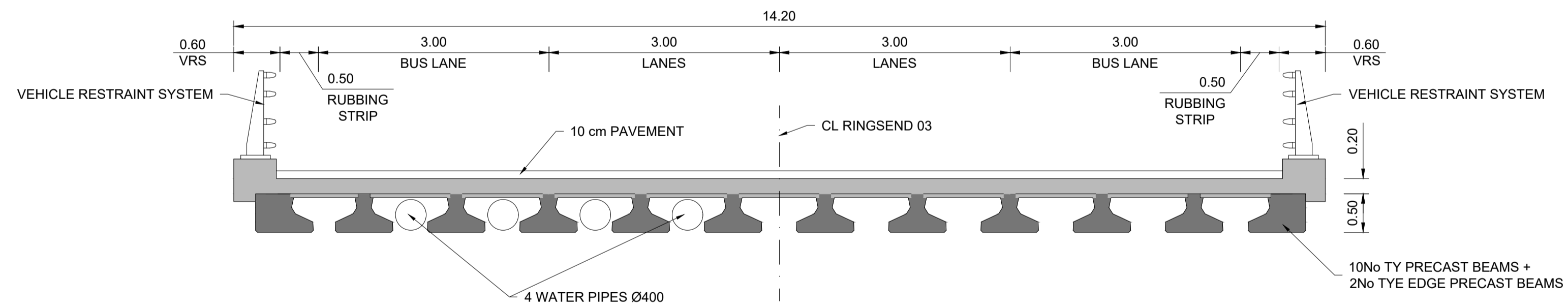
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Drawing Title RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME STRUCTURES RINGSEND 03 - ROYAL CANAL BRIDGE - GENERAL ARRANGEMENT - SHEET 1 OF 2	
Drawing File Name BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0005	Sheet Number 01 of 02
Status A	Rev M01

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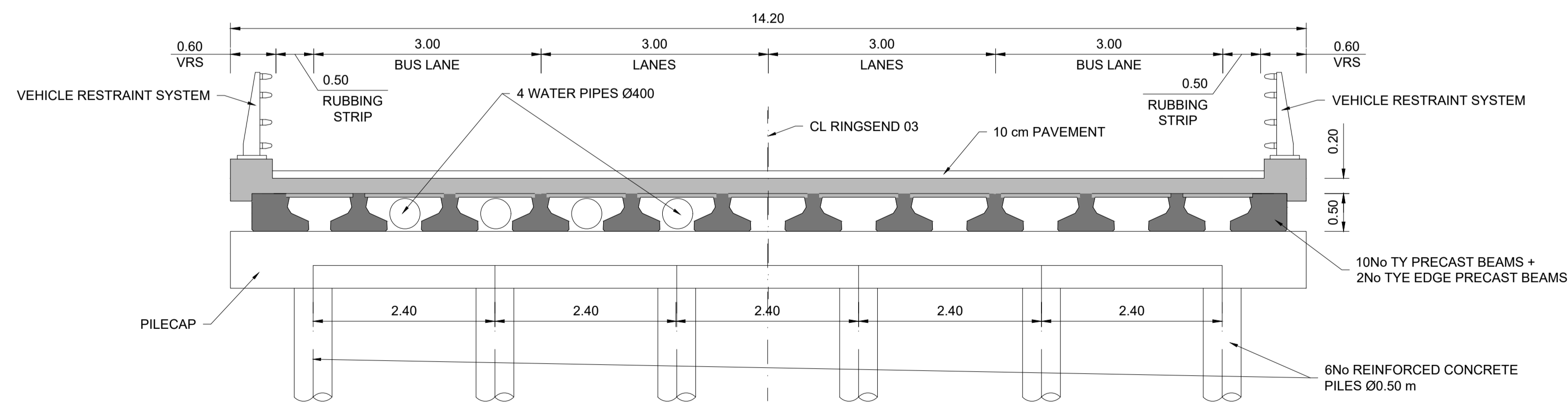
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SECTION A-A. LONGITUDINAL SECTION  
SCALE 1:50



SECTION B-B. TYPICAL CROSS SECTION  
SCALE 1:50



SECTION C-C. TYPICAL CROSS SECTION AT ABUTMENT  
SCALE 1:50

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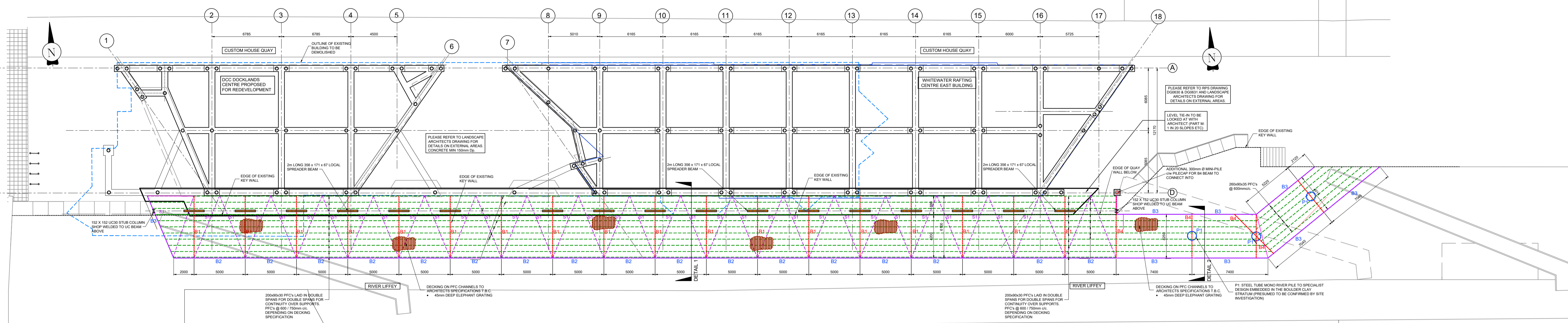
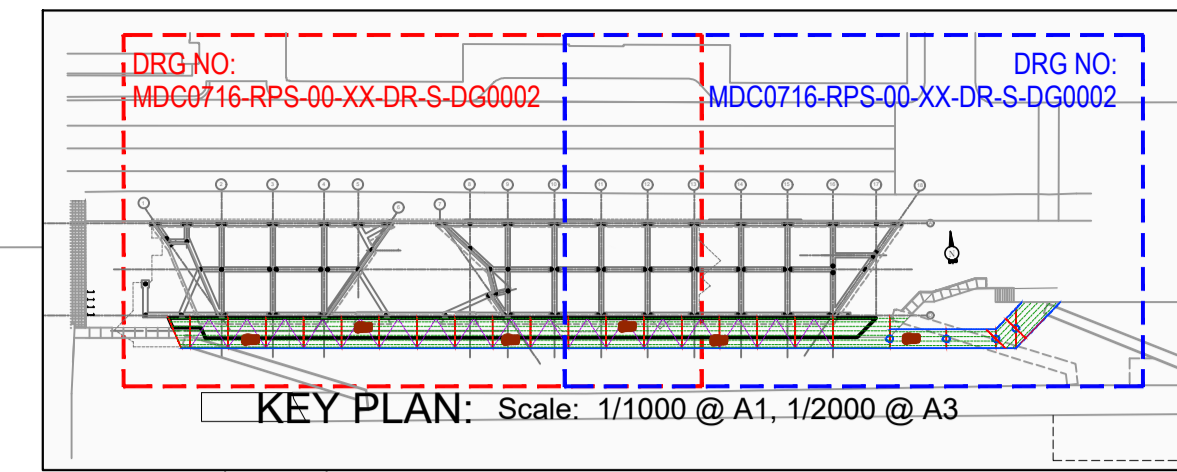
Client  
**NTA**  
Udarás Náisiúnta Iompair  
National Transport Authority

Engineering Designer  
**IROD**  
TYPSA

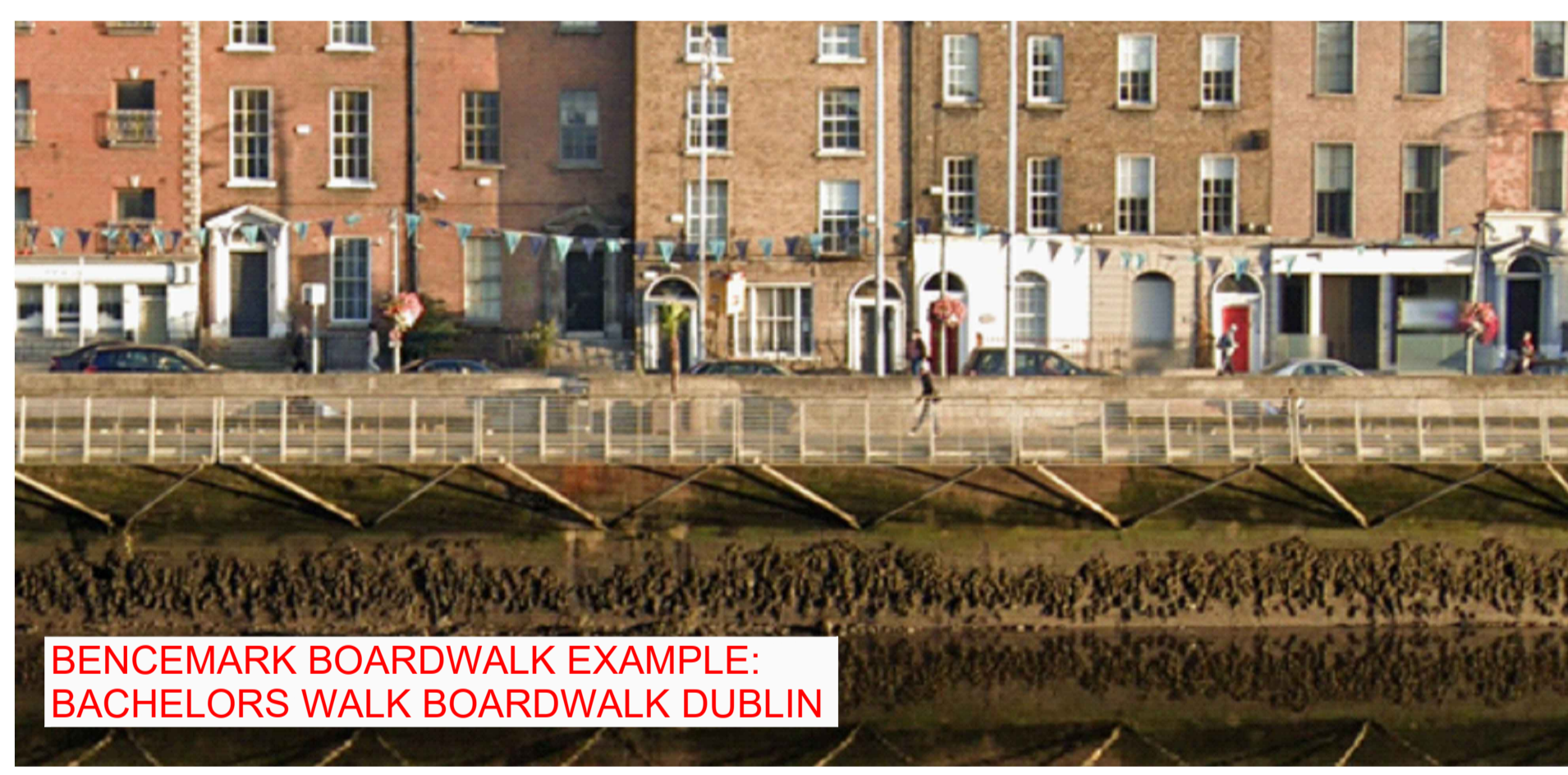
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Drawing Title RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME STRUCTURES RINGSEND 03 - ROYAL CANAL BRIDGE - SECTIONS - SHEET 2 OF 2				
Date 30/06/2022	Scale 1:50 @ A1 1:100 @ A3	Drawn JGE	Checked EFD	Approved SMG
Project Code BCIDD	Originator Code ROT	QMS Code		
Drawing File Name BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0006	Sheet Number 02 of 02	Status A	Rev M01	

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STEELWORK LAYOUT PLAN - CUSTOM HOUSE QUAY WWRC BOARDWALK  
Scale: 1/200 @ A1, 1/400 @ A3



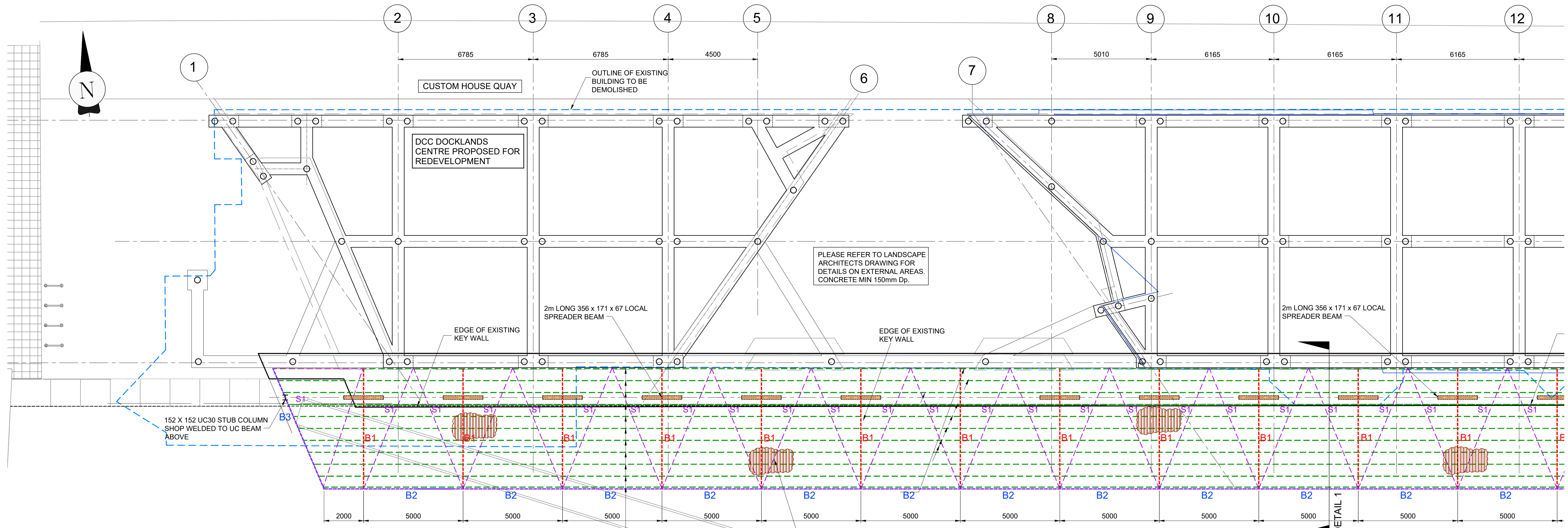
**NOTES:**

- ALL MILD STEEL IS TO BE HOT DIPPED GALVANISED TO ACHIEVE A C5M MARINE CORROSION RATING TO ISO12944 (WITH ETCH PRIMER AND DUPLEX COAT).
- STAINLESS STEEL TO BE EITHER GRADE 316L (EUROPEAN GRADE 1.4401) OR DUPLEX2205 (EUROPEAN GRADE 1.4462).
- NOTE STAINLESS STEEL WILL BE MORE EXPENSIVE THAN MILD STEEL AND MORE DIFFICULT TO PROCURE. OFFSET BY AESTHETICS AN SUPERIOR INHERENT CORROSION DESIGN.
- ALL SIZES AND LAYOUT SUBJECT TO CONFIRMATION BY DETAILED DESIGN.
- PEDESTRIAN LOADING ONLY ASSUMED ON BOARDWALK = 5.0kN/m<sup>2</sup>
- BALLUSTRADE TO BE DESIGNED FOR 3.0kN/m LINE LOAD AT 1100 ABOVE BOARDWALK LEVEL. STEELWORK DEFLECTION DESIGN ASSUMES BALUSTRADING COMPRISES STEELWORK (NOT GLASS).
- DECKING TO ARCHITECTS SPECIFICATION TO WITHSTAND 5.0kN/m<sup>2</sup> LIVE LOAD. OPTIONS ARE ELEFANT GRATING TYPE 05 OR 50mm DEEP EKKI PLANKS WITH ANTISLIP "STADIA" INSERT.
- ALL MILD STEEL = GRADE S355 WITH SUBGRADE TO SUIT EXTERNAL USE

BEAM LEGEND	MILD STEEL (S355)
B1 (OUTRIGGER BEAM)	356 x 406 UC340
B2 -5.0m SPAN (TORSION RESISTING EDGE BEAM - FOR BALLISTRAD FIXING)	380x100x54 PFC
B3 -7.5m SPAN (TORSION RESISTING EDGE BEAM - FOR BALLISTRAD FIXING)	254x254 UC107
B4 (CANTILEVER BEAM OVER MONO PILE)	254x254 UC89
S1 BRACING	75 x 75 RSA
2m LONG SPREADER BEAM	356 x 171 UB67

R:\MDC0716 - Proposed Boardwalk North Wall Quay\8.0 Drawings\DW\MDC0716-RPS-00-XX-DR-S-DG0001.dwg

<p>Dublin City Council Comhairle Cathrach Bhaile Átha Cliath</p>		<p>General Notes</p> <p>(i) Hard copies, dwf and pdf will form a controlled issue of the drawing. All other formats (dwg etc.) are deemed to be an uncontrolled issue and any work carried out based on these files is at the recipients own risk. RPS will not accept any responsibility for any errors from the use of these files, either by human error by the recipient, listing of the un-dimensioned measurements, compatibility with the recipients software, and any errors arising when these files are used to aid the recipients drawing production, or setting out on site.</p> <p>(ii) DO NOT SCALE, use figured dimensions only.</p>	<p>(iii) This drawing is the property of RPS, it is a project confidential classified document. It must not be copied used or its contents divulged without prior written consent. The needs and expectations of client and RPS must be considered when working with this drawing.</p> <p>(iv) Information including topographical survey, geotechnical investigation and utility detail used in the design have been provided by others.</p> <p>(v) All Levels refer to Ordnance Survey Datum, Malin Head.</p>	<table border="1"> <tr> <th>Rev</th> <th>Date</th> <th>By</th> <th>App</th> <th>Amendment / Issue</th> </tr> <tr> <td>S0 P01.02</td> <td>25.03.21</td> <td>PH/DW</td> <td></td> <td>DRAFT ISSUE FOR REVIEW</td> </tr> <tr> <td>S0 P01.01</td> <td>25.02.21</td> <td>PH/DW</td> <td></td> <td>DRAFT ISSUE FOR REVIEW</td> </tr> </table>	Rev	Date	By	App	Amendment / Issue	S0 P01.02	25.03.21	PH/DW		DRAFT ISSUE FOR REVIEW	S0 P01.01	25.02.21	PH/DW		DRAFT ISSUE FOR REVIEW	<p>MAKING COMPLEX EASY</p>	<p>Scale: 1:200 @ A1 1:400 @ A3</p> <p>Created on: 24.02.21</p> <p>Sheets: 1 of 1</p>	<p>Project: CUSTOM HOUSE QUAY WWRC BOARDWALK</p> <p>Title: WWRC BOARDWALK STRUCTURAL LAYOUT PLAN</p>	<p>File Identifier: MDC0716-RPS-00-XX-DR-S-DG0001</p> <p>Status: S0</p>	<p>Rev: P01.02</p>
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S0 P01.02	25.03.21	PH/DW		DRAFT ISSUE FOR REVIEW																				
S0 P01.01	25.02.21	PH/DW		DRAFT ISSUE FOR REVIEW																				
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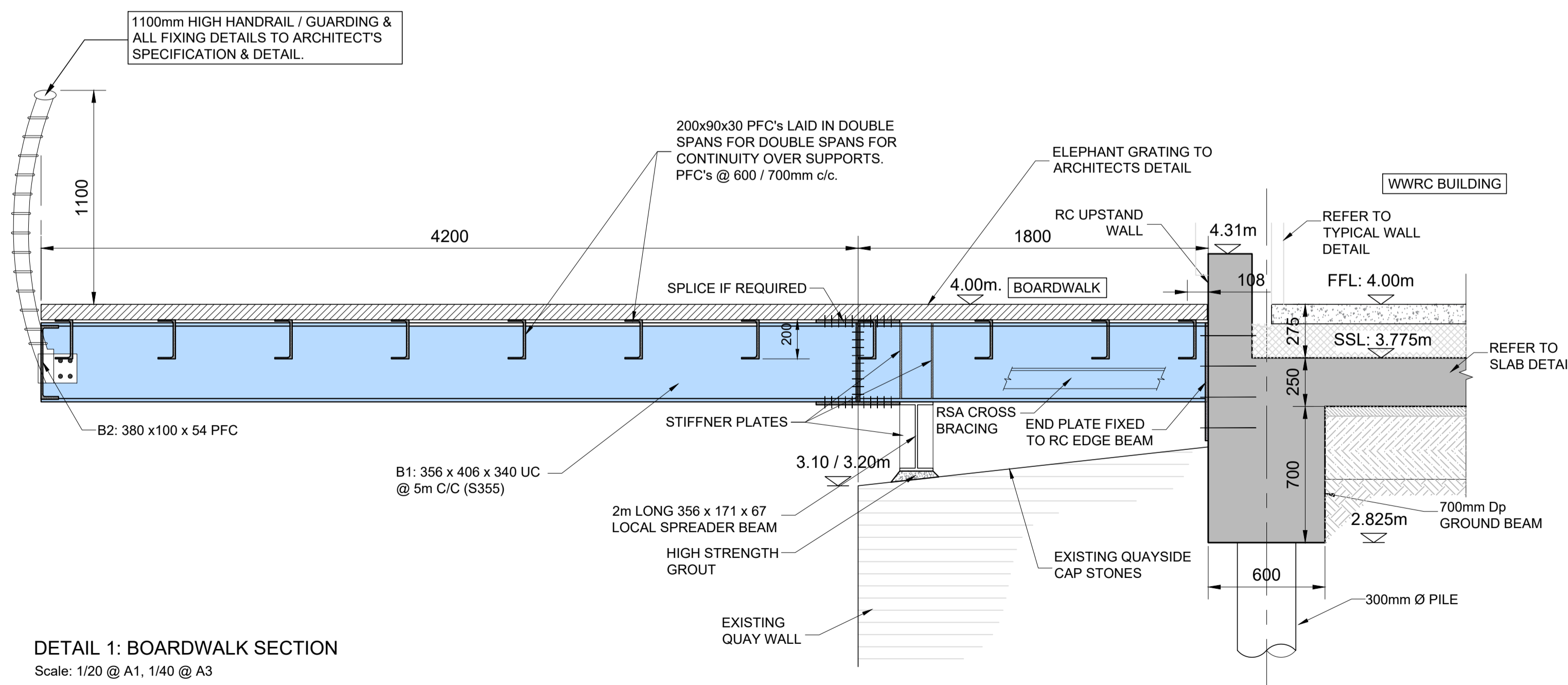


**WESTERN STEELWORK LAYOUT PLAN  
CUSTOM HOUSE QUAY WWRC BOARDWALK**

Scale: 1/100 @ A1, 1/200 @ A3

**EASTERN STEELWORK LAYOUT PLAN  
CUSTOM HOUSE QUAY WWRC BOARDWALK**

Scale: 1/100 @ A1, 1/200 @ A3

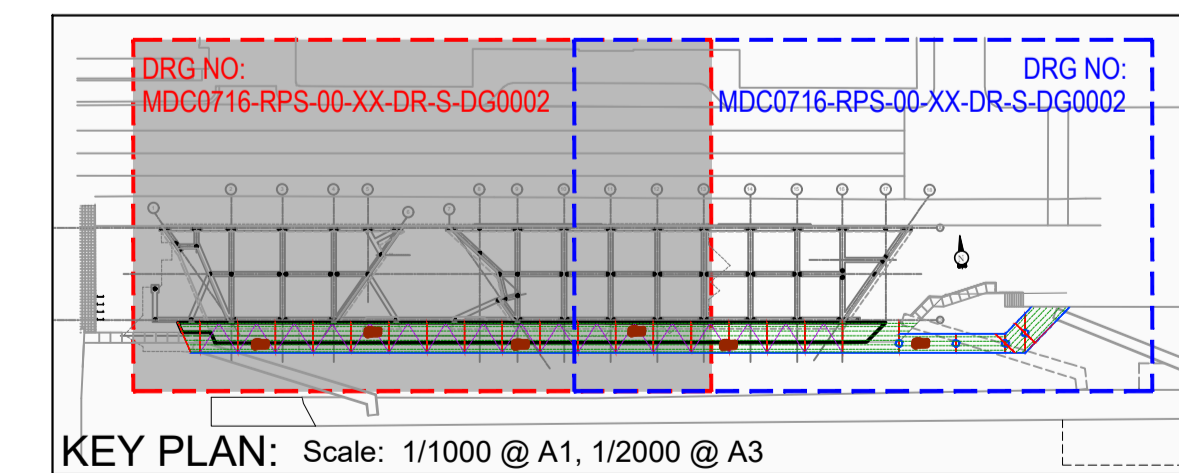


**DETAIL 1: BOARDWALK SECTION**  
Scale: 1/20 @ A1, 1/40 @ A3

BEAM LEGEND	MILD STEEL (S355)
B1 (OUTRIGGER BEAM)	356 x 406 UC340
B2 -5.0m. SPAN (TORSION RESISTING EDGE BEAM - FOR BALLISTRAD FIXING)	380x100x54 PFC
B3 -7.5m. SPAN (TORSION RESISTING EDGE BEAM - FOR BALLISTRAD FIXING)	254x254 UC107
B4 (CANTILEVER BEAM OVER MONO PILE)	254x254 UC89
S1 BRACING	75 x 75 RSA
2m LONG SPREADER BEAM	356 x 171 UB67

**NOTES:**

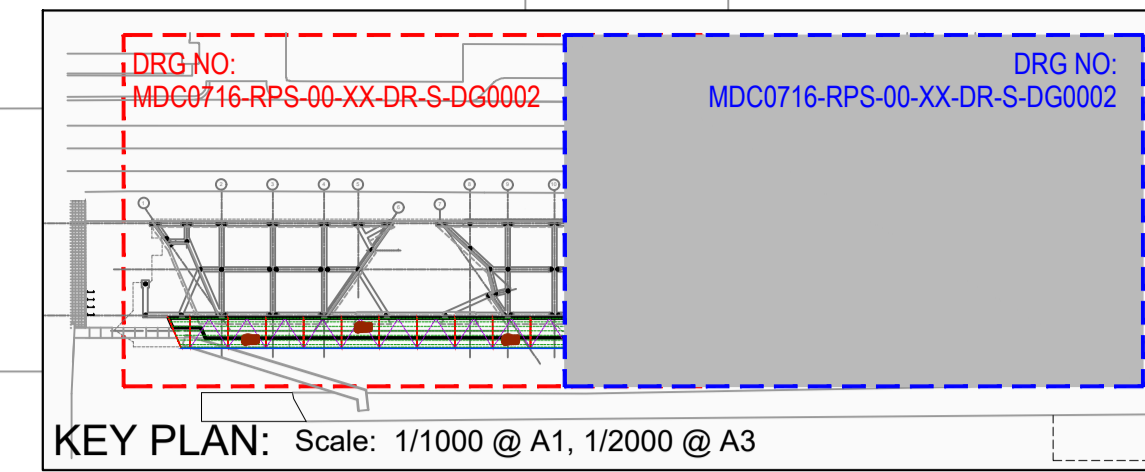
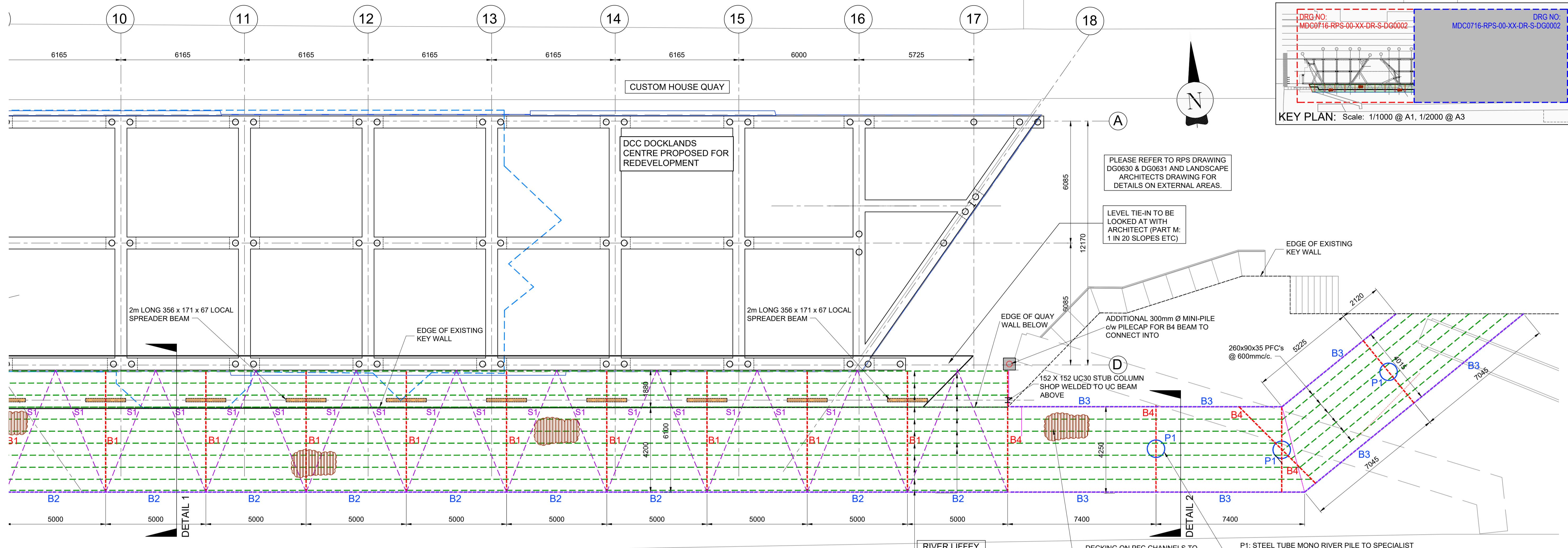
- ALL MILD STEEL IS TO BE HOT DIPPED GALVANISED TO ACHIEVE A C5M MARINE CORROSION RATING TO ISO12944 (WITH ETCH PRIMER AND DUPLEX COAT).
- STAINLESS STEEL TO BE EITHER GRADE 316L (EUROPEAN GRADE 1.4401) OR DUPLEX2205 (EUROPEAN GRADE 1.4462).
- NOTE STAINLESS STEEL WILL BE MORE EXPENSIVE THAN MILD STEEL AND MORE DIFFICULT TO PROCURE. OFFSET BY ASTHETICS AN SUPERIOR INHERENT CORROSION DESIGN.
- ALL SIZES AND LAYOUT SUBJECT TO CONFIRMATION BY DETAILED DESIGN.
- PEDESTRIAN LOADING ONLY ASSUMED ON BOARDWALK = 5.0kN/m<sup>2</sup>
- BALLISTRAD TO BE DESIGNED FOR 3.0kN/m LINE LOAD AT 1100 ABOVE BOARDWALK LEVEL. STEELWORK DEFLECTION DESIGN ASSUMES BALUSTRADING COMPRISES STEELWORK (NOT GLASS).
- DECKING TO ARCHITECTS SPECIFICATION TO WITHSTAND 5.0kN/m<sup>2</sup> LIVE LOAD. OPTIONS ARE ELEFANT GRATING TYPE 05 OR 50mm DEEP EKKI PLANKS WITH ANTISLIP "STADIA" INSERT.
- ALL MILD STEEL = GRADE S355 WITH SUBGRADE TO SUIT EXTERNAL USE



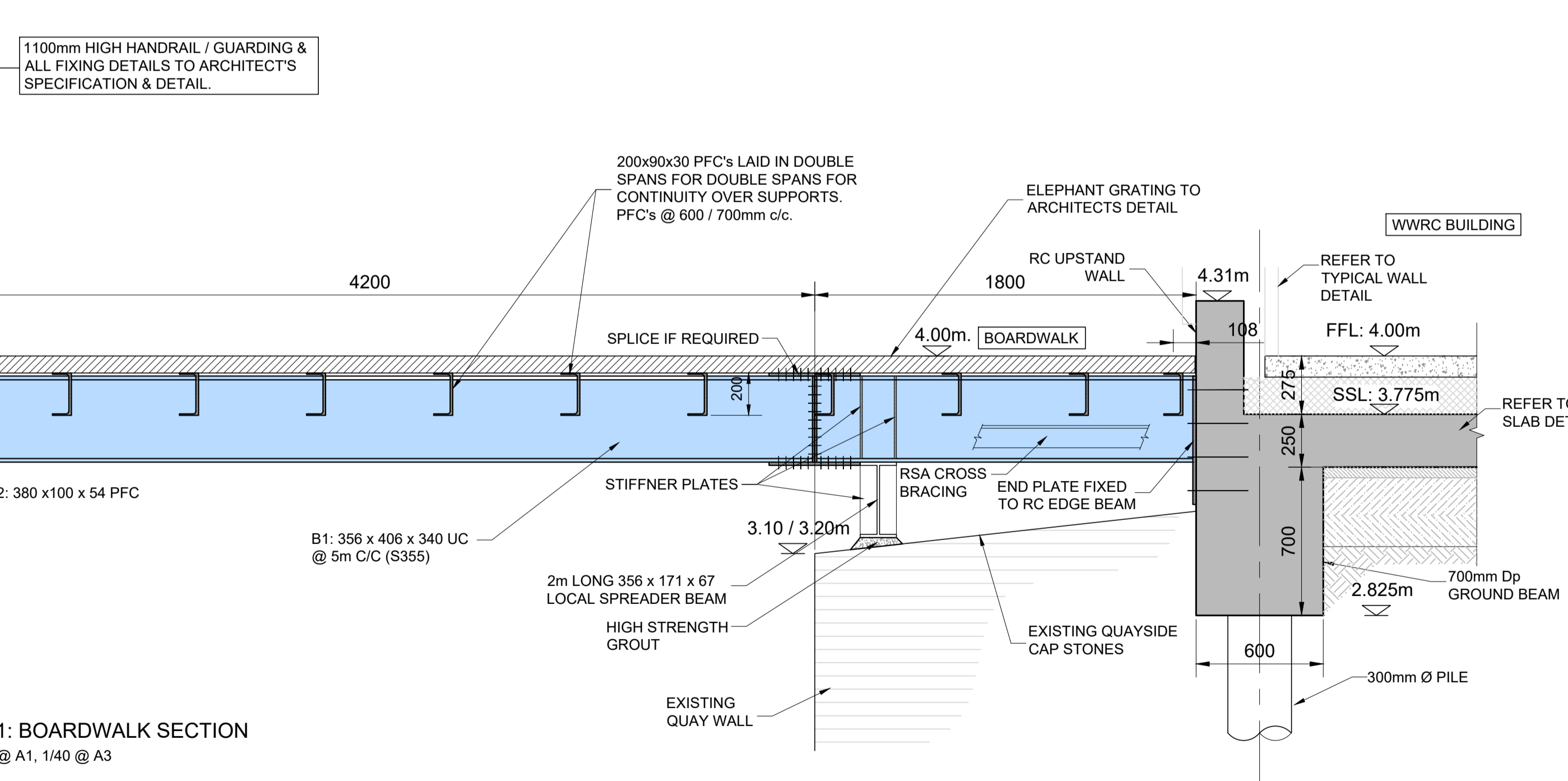
**KEY PLAN:** Scale: 1/1000 @ A1, 1/2000 @ A3

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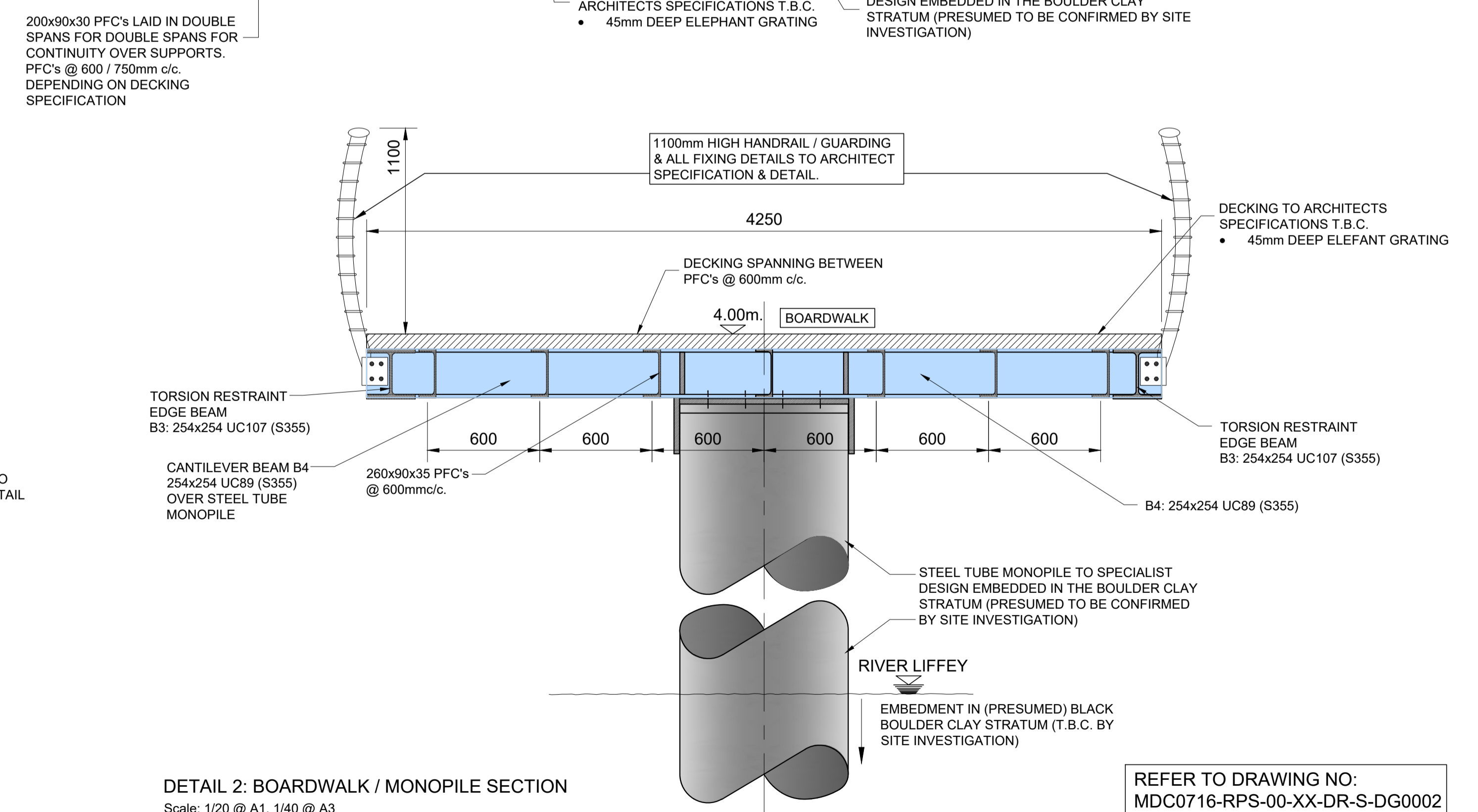
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**EASTERN STEELWORK LAYOUT PLAN**  
**CUSTOM HOUSE QUAY WWRC BOARDWALK**  
 Scale: 1/100 @ A1, 1/200 @ A3



**DETAIL 1: BOARDWALK SECTION**  
 Scale: 1/20 @ A1, 1/40 @ A3

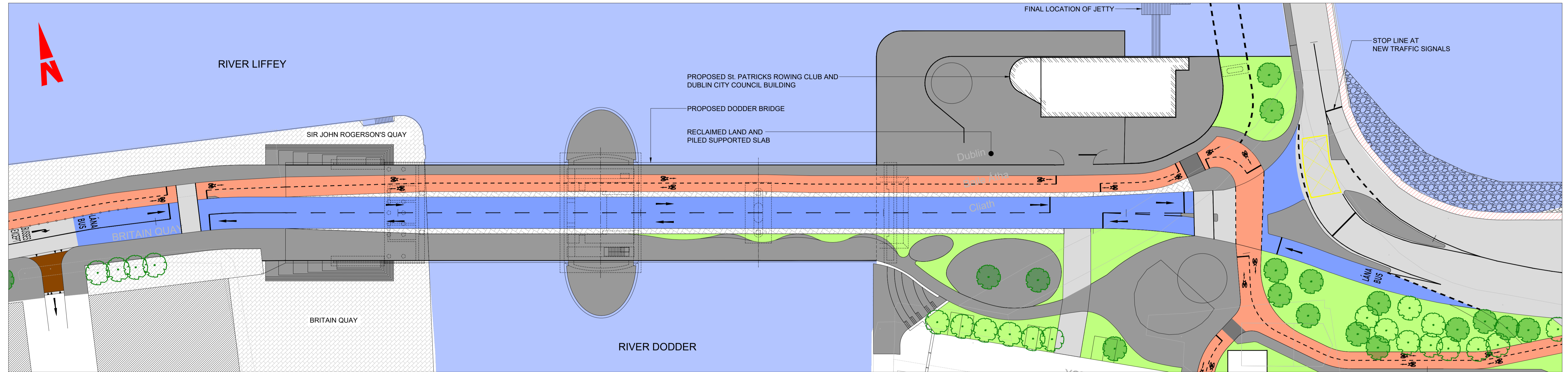


**DETAIL 2: BOARDWALK / MONOPILE SECTION**  
 Scale: 1/20 @ A1, 1/40 @ A3

REFER TO DRAWING NO:  
 MDC0716-RPS-00-XX-DR-S-DG0002  
 FOR STRUCTURAL NOTES AND  
 SECTION SIZES

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PLAN  
SCALE 1:400 A1  
SCALE 1:800 A3

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M01	30/06/2022	OB	JK	SMG	ISSUED FOR PHASE 4: PLANNING

Client  
**NTA**  
 Údarás Náisiúnta Iompair  
 National Transport Authority

Engineering Designer  
**FIROD**  
 TYPSA

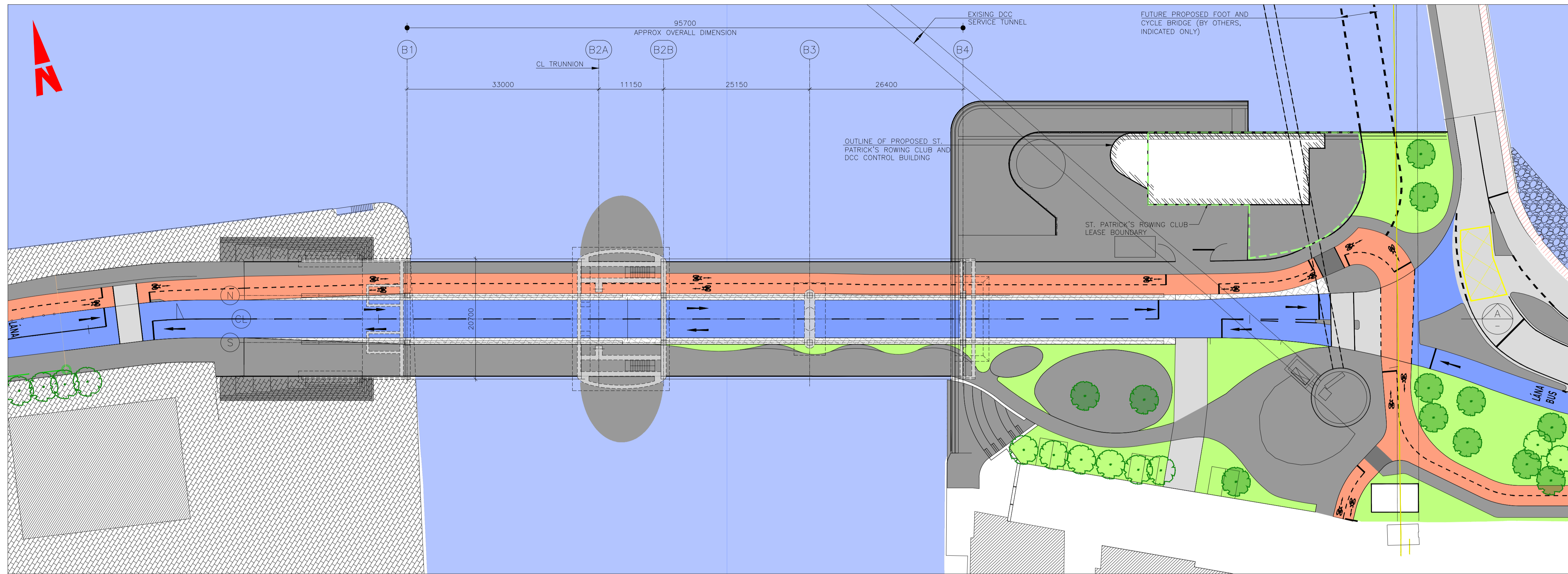
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BCIDD	ROT			

Programme Title  
**BUSCONNECTS DUBLIN**  
**CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

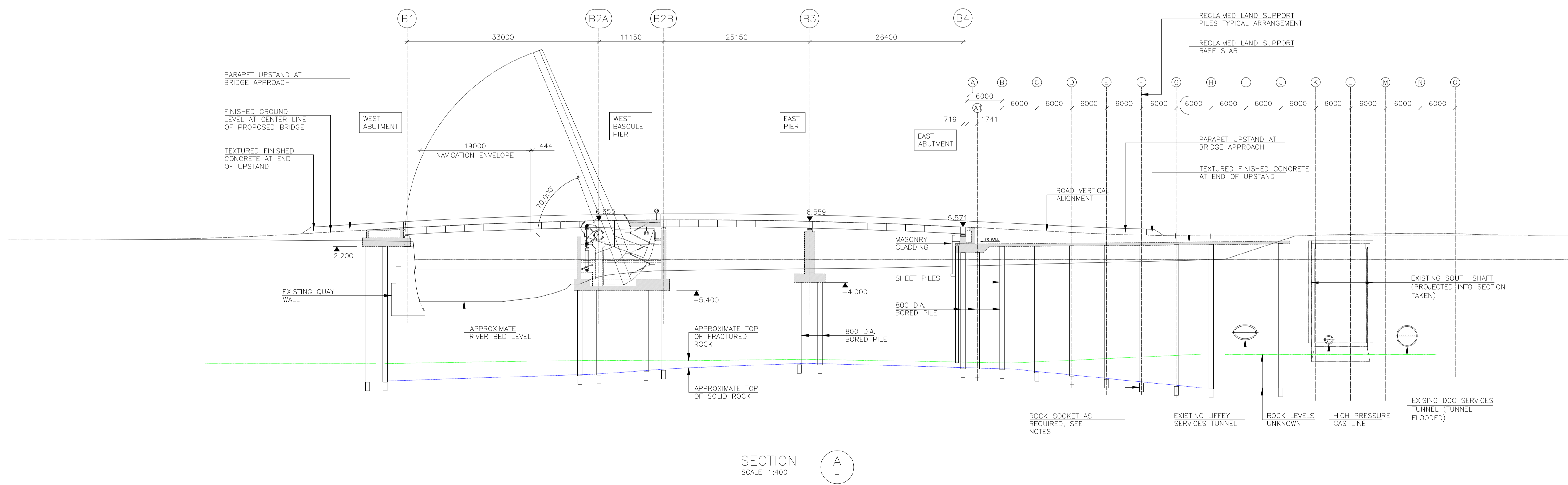
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 STRUCTURES  
 RINGSEND 05 - DODDER (OPENING) BRIDGE - OVERALL PLAN

Drawing File Name	Sheet Number	Status	Rev
BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0009	09 of 20	A	M01

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GENERAL SUBSTRUCTURE BRIDGE PLAN  
SCALE 1:400



SECTION A  
SCALE 1:400

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M01	30/06/2022	OB	JK	SMG	ISSUED FOR PHASE 4: PLANNING

Client  
**NTA**  
Udarás Náisiúnta Iompair  
National Transport Authority

Engineering Designer  
**CIROD**  
TYPISA

Programme Title  
**BUSCONNECTS DUBLIN  
CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title  
RINGSSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME  
STRUCTURES  
RINGSSEND 05 - DODDER (OPENING) BRIDGE - PLAN & LONGSECTION - SHEET 1 OF 6

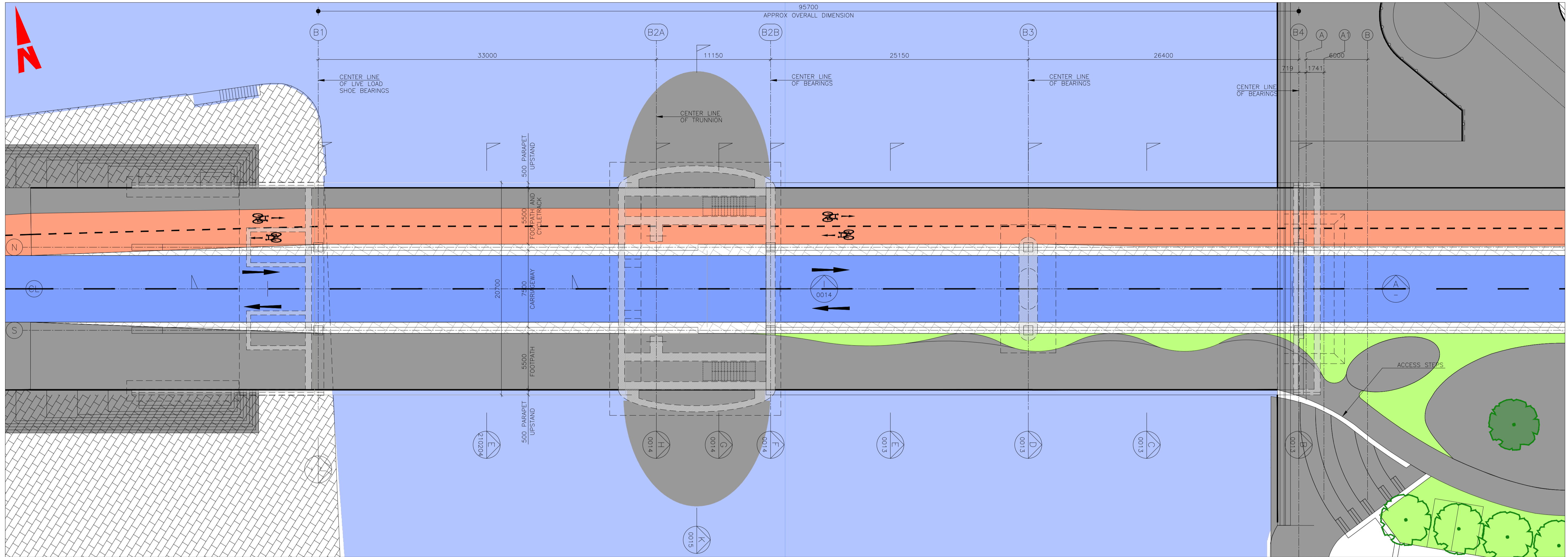
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Rev: M01

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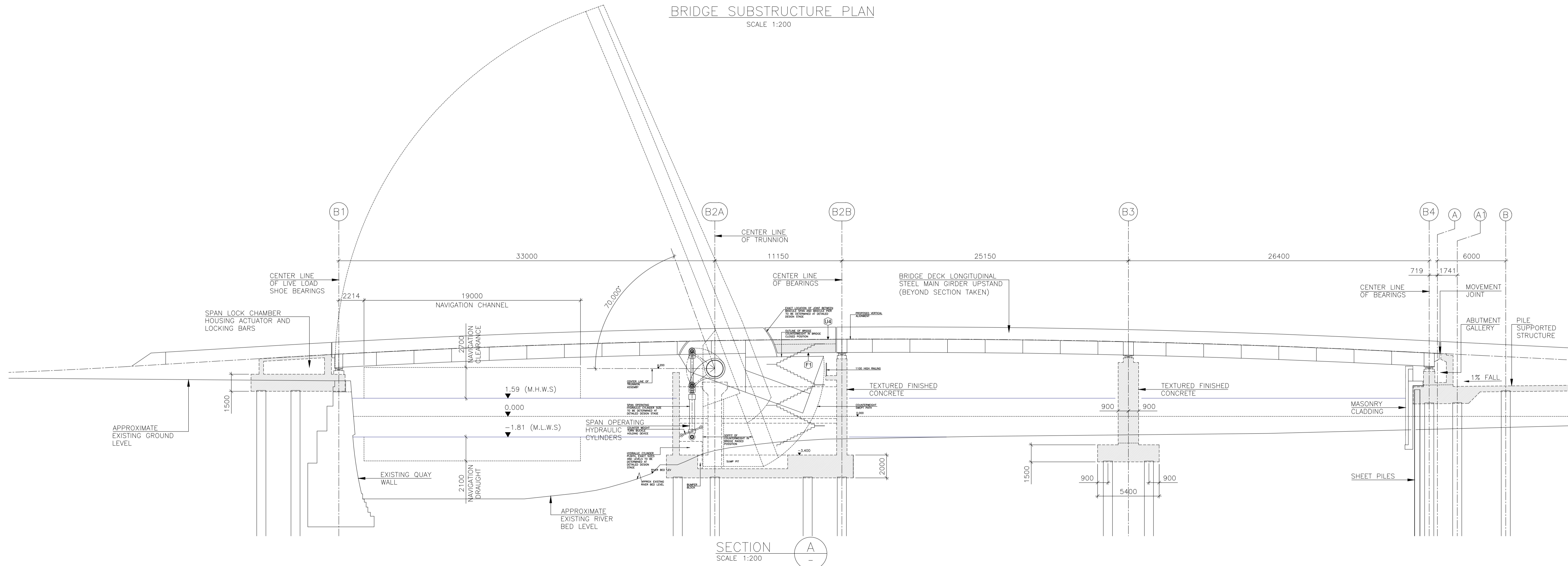
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BRIDGE SUBSTRUCTURE PLAN

SCALE 1:200



SECTION A-A

SCALE 1:200

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M01	30/06/2022	OB	JK	SMG	ISSUED FOR PHASE 4: PLANNING

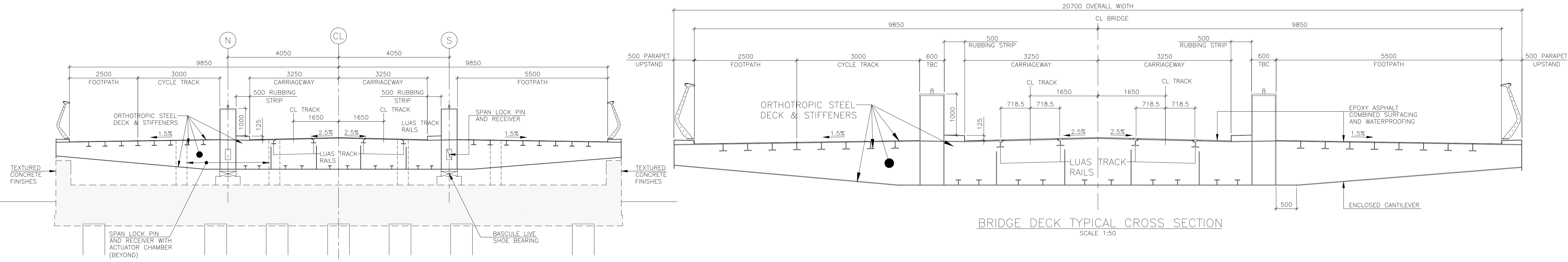
Client  
**NTA**  
 Údarás Náisiúnta Iompair  
 National Transport Authority

Engineering Designer  
**FIROD**  
 TYPSA

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>	
Drawing Title RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME STRUCTURES RINGSEND 05 - DODDER (OPENING) BRIDGE - PLAN & LONGSECTION - SHEET 2 OF 6	
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Approved SMG	
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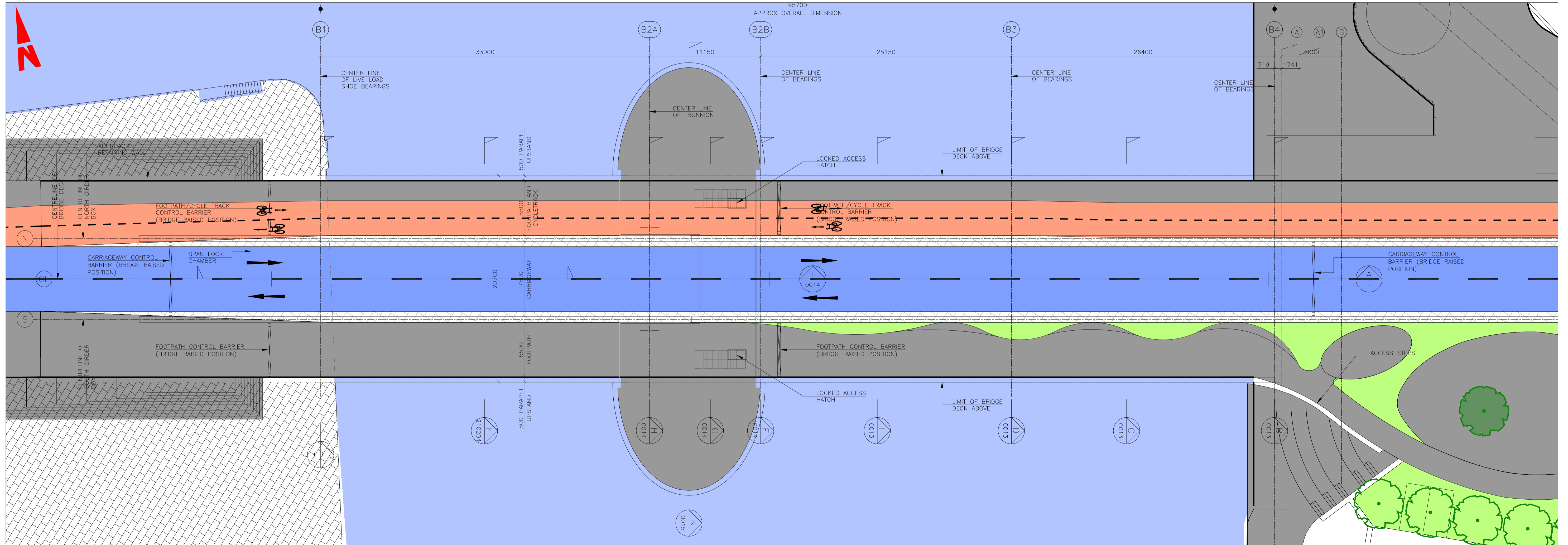
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SECTION J  
SCALE 1:75

BRIDGE DECK TYPICAL CROSS SECTION  
SCALE 1:50



BRIDGE SUPERSTRUCTURE PLAN  
SCALE 1:200

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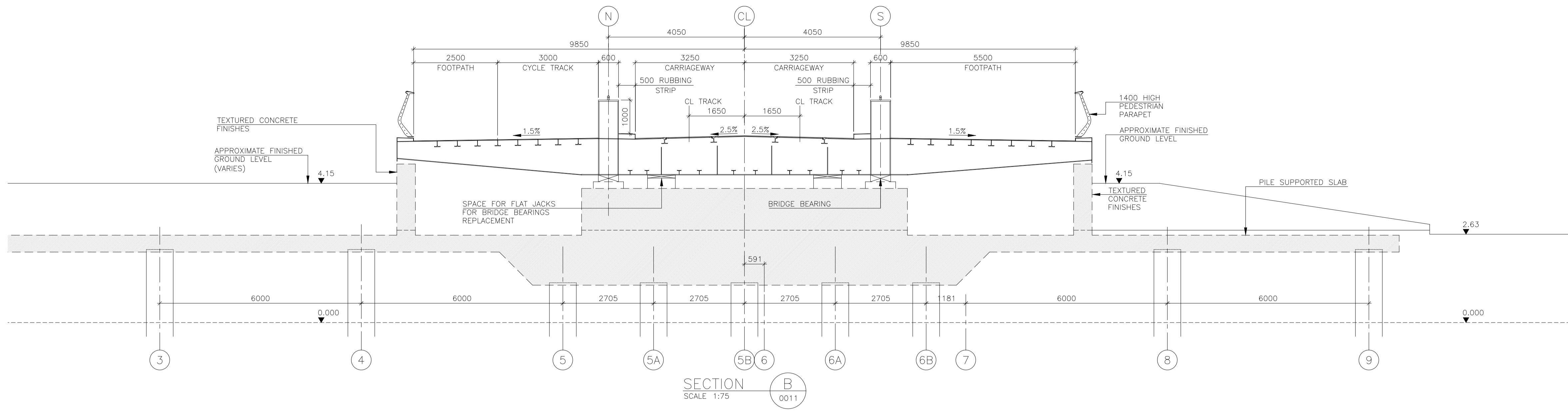
Rev	Date	Drn	Chk'd	App'd	Description
M01	30/06/2022	OB	JK	SMG	ISSUED FOR PHASE 4: PLANNING

Client <b>NTA</b> Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer <b>FIROD</b> TYPSA		
Date 30/06/2022	Scale 1:75 @ A1 1:150 @ A3	Drawn OB	Checked JK	Approved SMG
Programme Code BCIDD	Originator Code ROT	QMS Code		

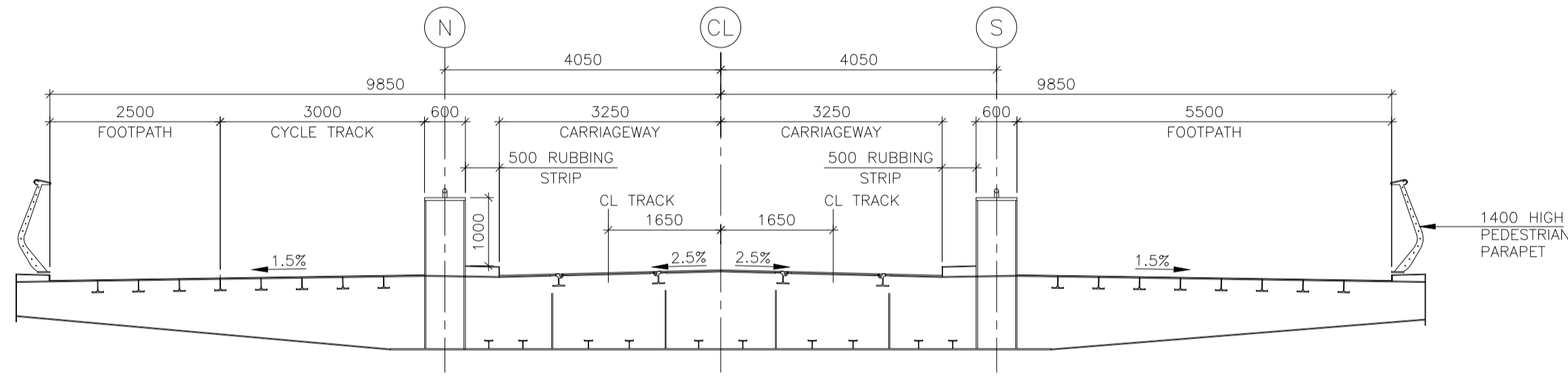
Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME STRUCTURES RINGSEND 05 - DODDER (OPENING) BRIDGE - PLAN & CROSS SECTIONS - SHEET 3 OF 6				
Drawing File Name BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0012	Sheet Number 12 of 20	Status A	Rev M01	

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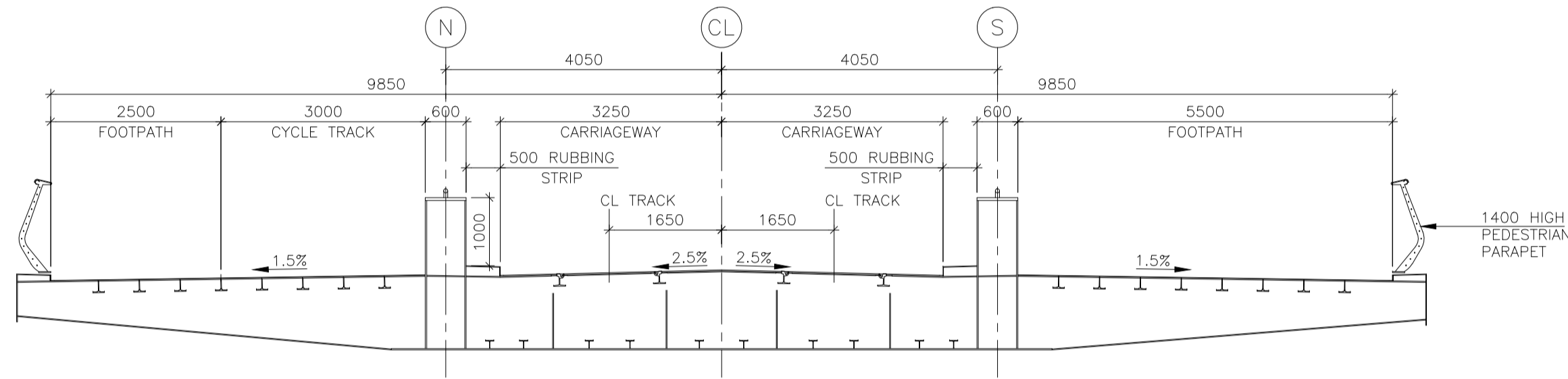
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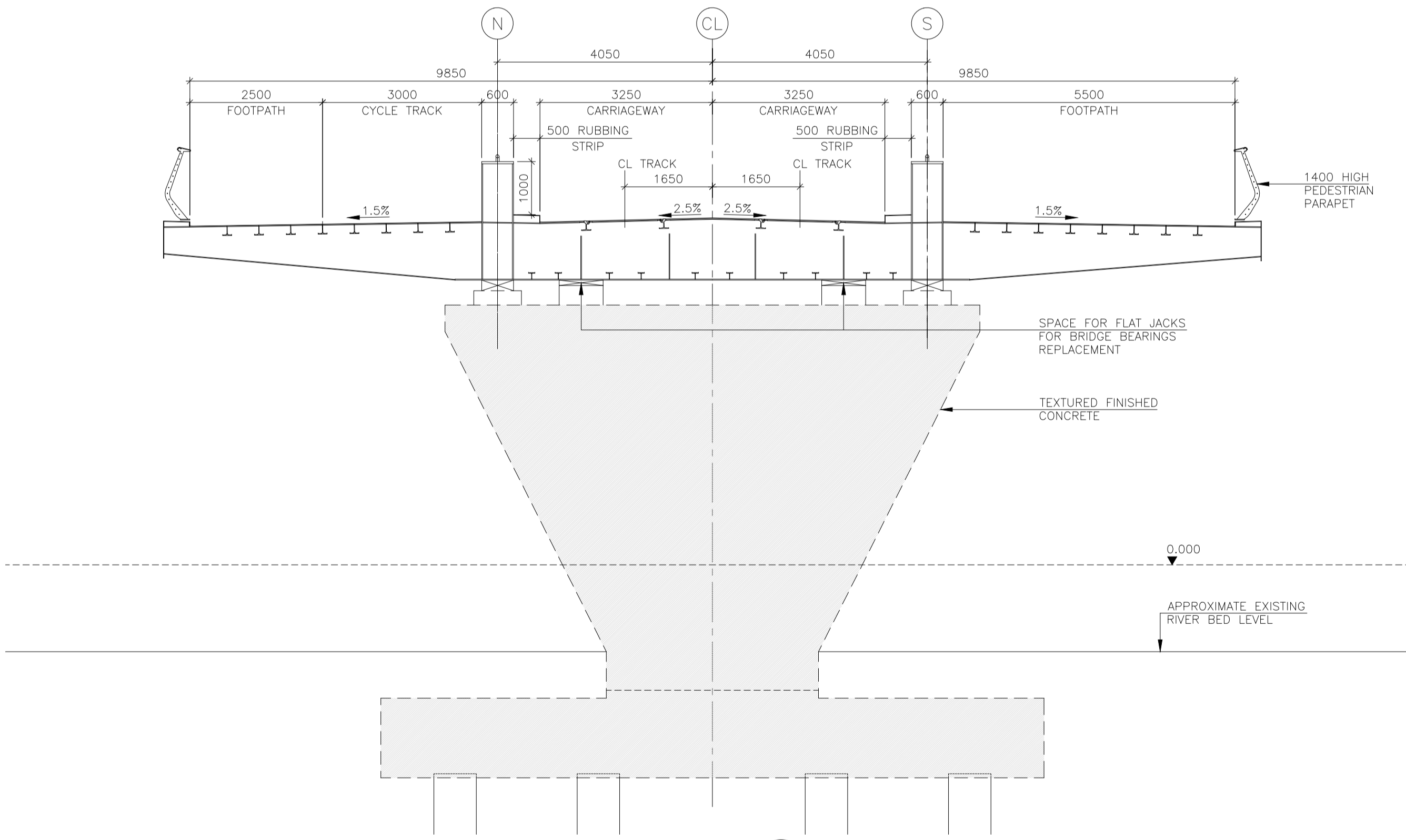
SECTION B  
SCALE 1:75  
0011



SECTION C  
SCALE 1:75  
0011



SECTION E  
SCALE 1:75  
0011



SECTION D  
SCALE 1:75  
0011


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Rev	Date	Drn	Chk'd	App'd	Description
M01	30/06/2022	OB	JK	SMG	ISSUED FOR PHASE 4: PLANNING

Client  
  
 Údarás Náisiúnta Iompair  
 National Transport Authority

Engineering Designer  
  
 IROD  
 TYPSA

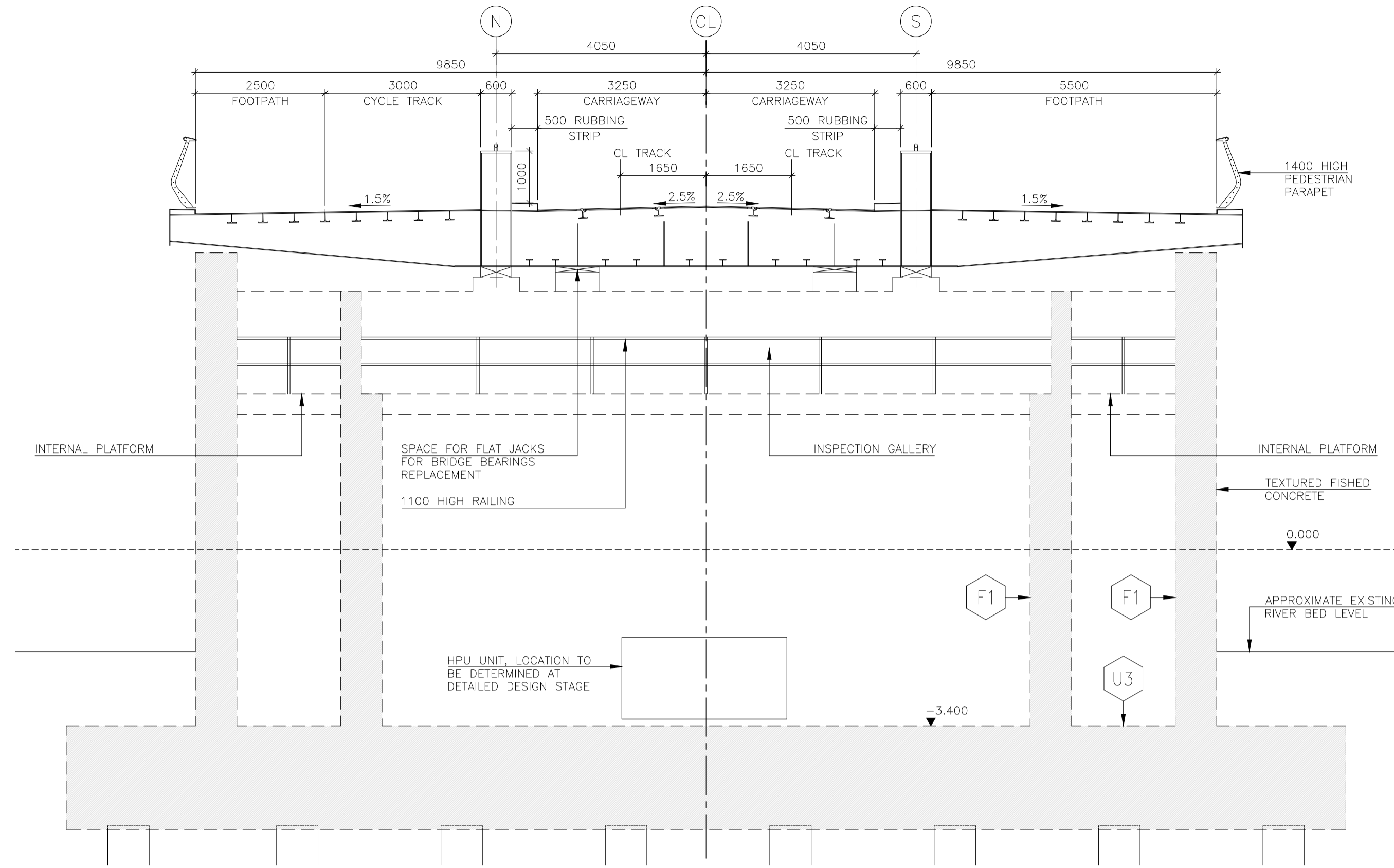
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**BUSCONNECTS DUBLIN**  
**CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title  
 RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME  
 STRUCTURES  
 RINGSEND 05 - DODDER (OPENING) BRIDGE - CROSS SECTIONS - SHEET 4 OF 6

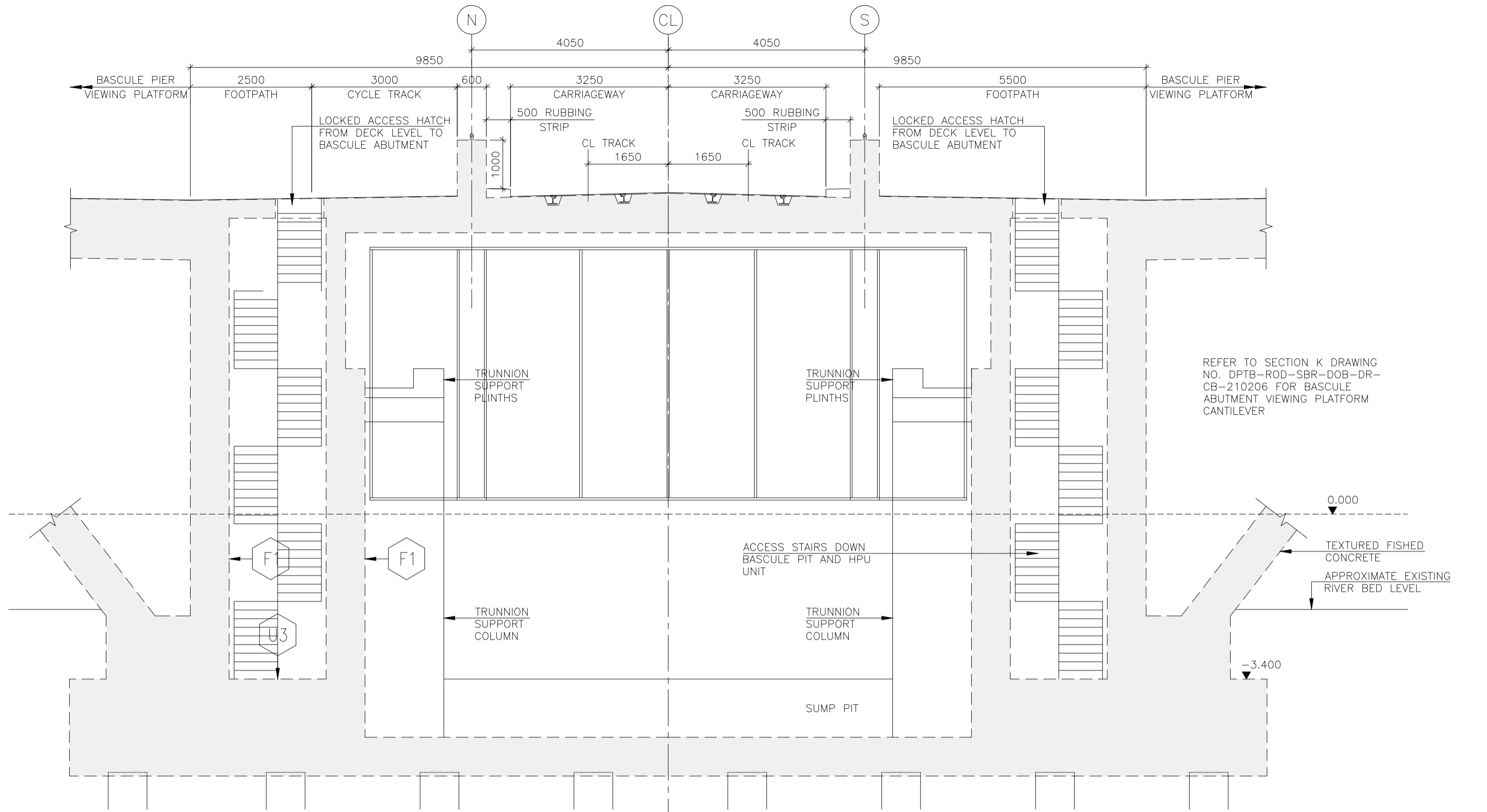
Date	30/06/2022	Scale	1:75 @ A1 1:150 @ A3	Drawn	OB	Checked	JK	Approved	SMG
Programme Code	BCIDD	Originator Code	ROT	QMS Code					

Drawing File Name	BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0013	Sheet Number	13 of 20	Status	A	Rev	M01
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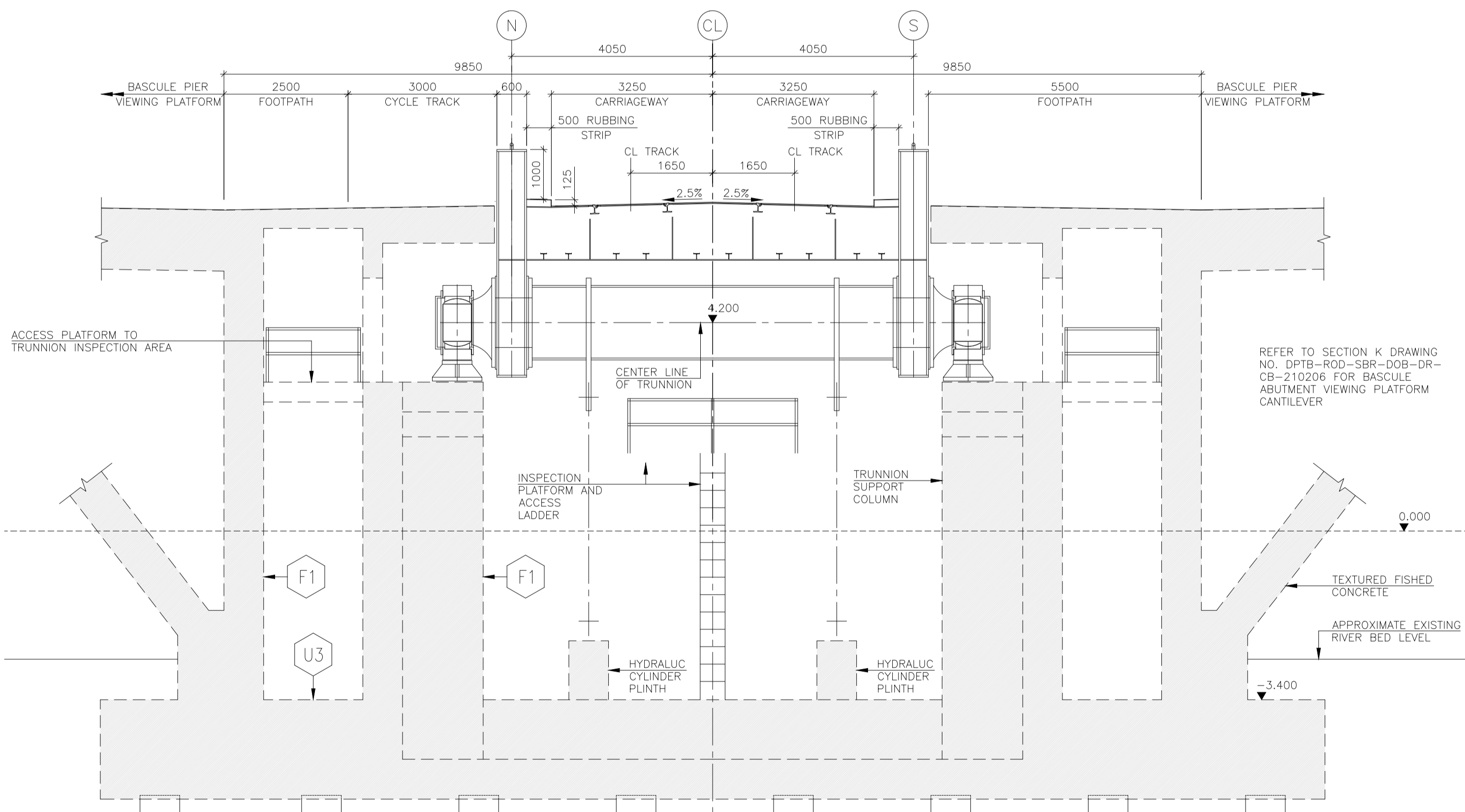
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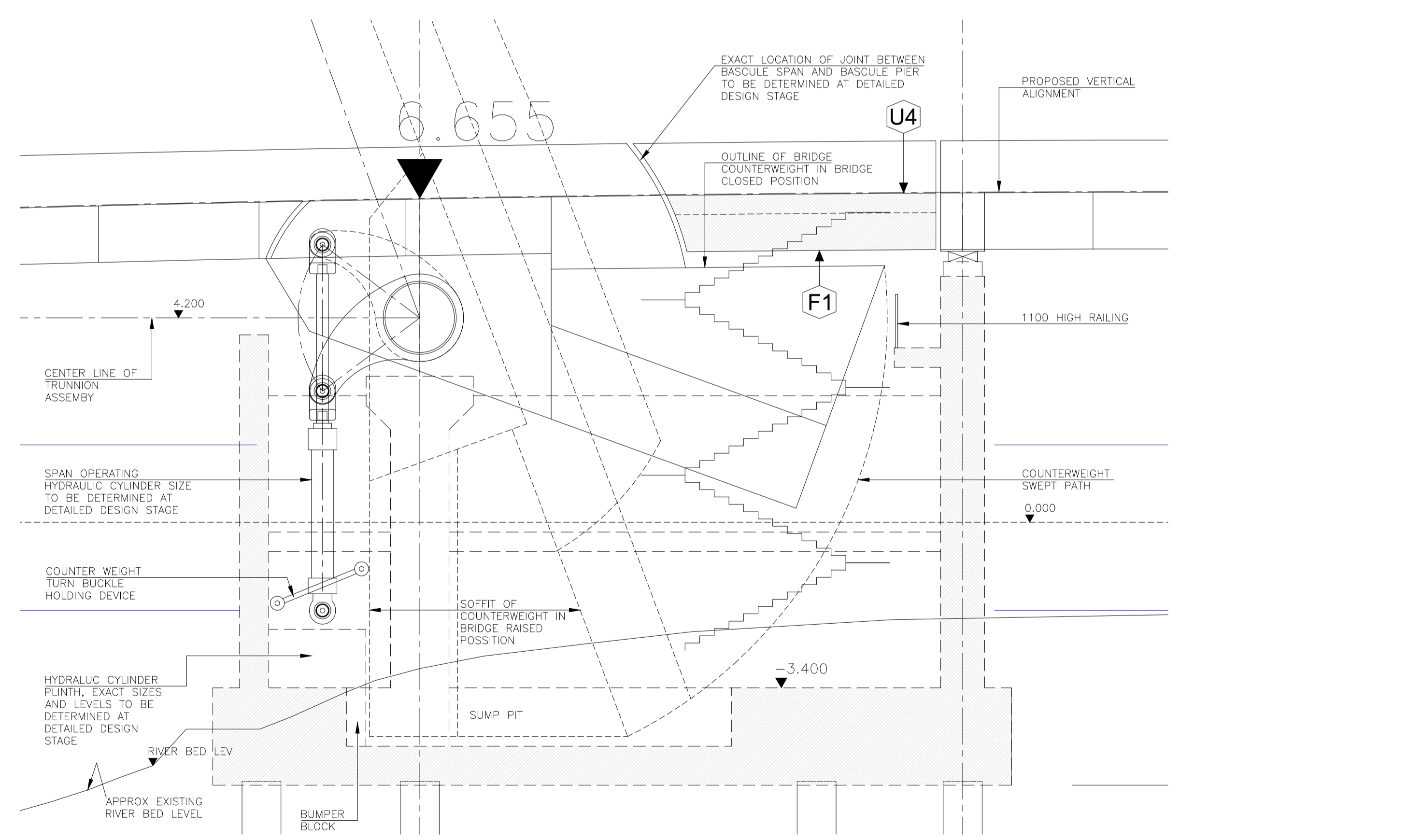
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SECTION G  
SCALE 1:75  
0011



SECTION H  
SCALE 1:75  
0011



SECTION I  
SCALE 1:75  
0011

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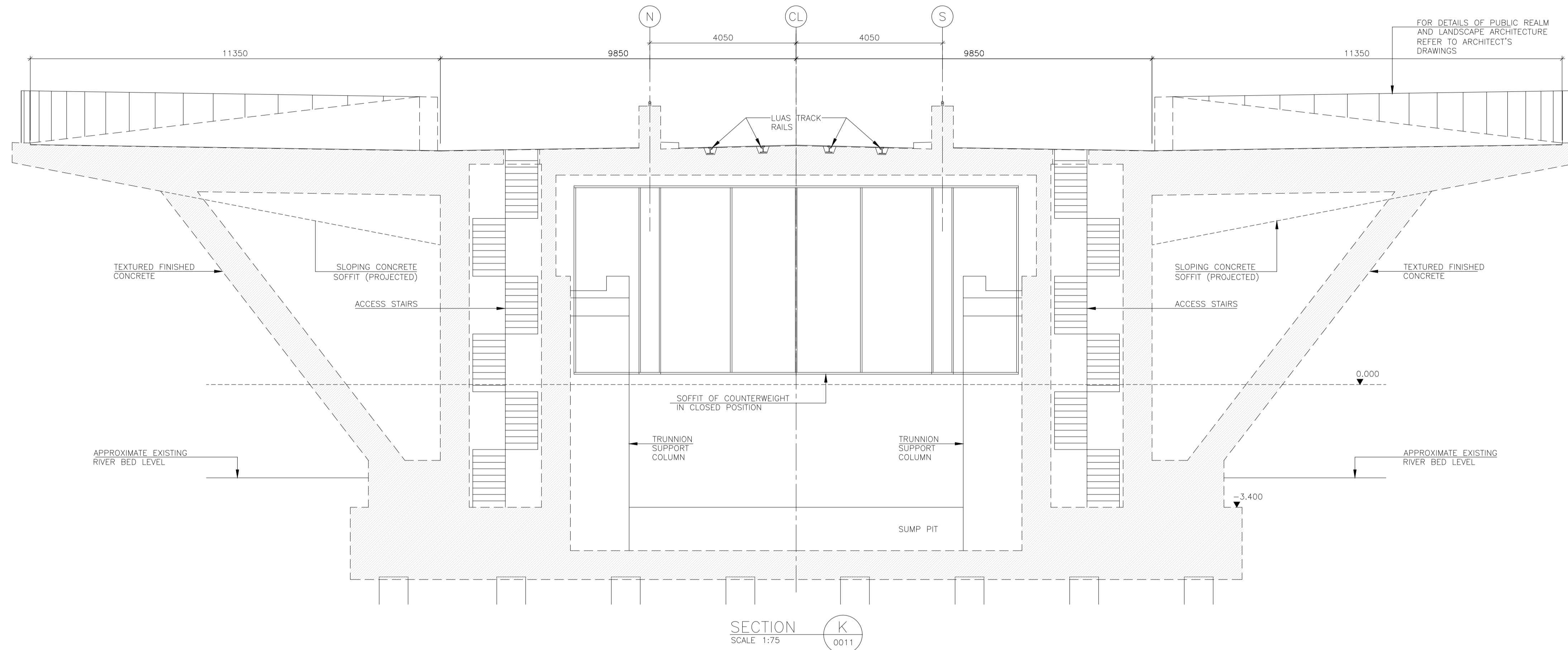
Rev	Date	Drn	Chk'd	App'd	Description
M01	30/06/2022	OB	JK	SMG	ISSUED FOR PHASE 4: PLANNING

Client <b>NTA</b> Udárás Náisiúnta Iompair National Transport Authority		Engineering Designer <b>FIROD</b> TYPSA		
Date 30/06/2022	Scale 1:75 @ A1 1:150 @ A3	Drawn OB	Checked JK	Approved SMG
Programme Code BCIDD	Originator Code ROT	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME STRUCTURES RINGSEND 05 - DODDER (OPENING) BRIDGE - CROSS SECTIONS - SHEET 5 OF 6				
Drawing File Name BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0014	Sheet Number 14 of 20	Status A	Rev M01	

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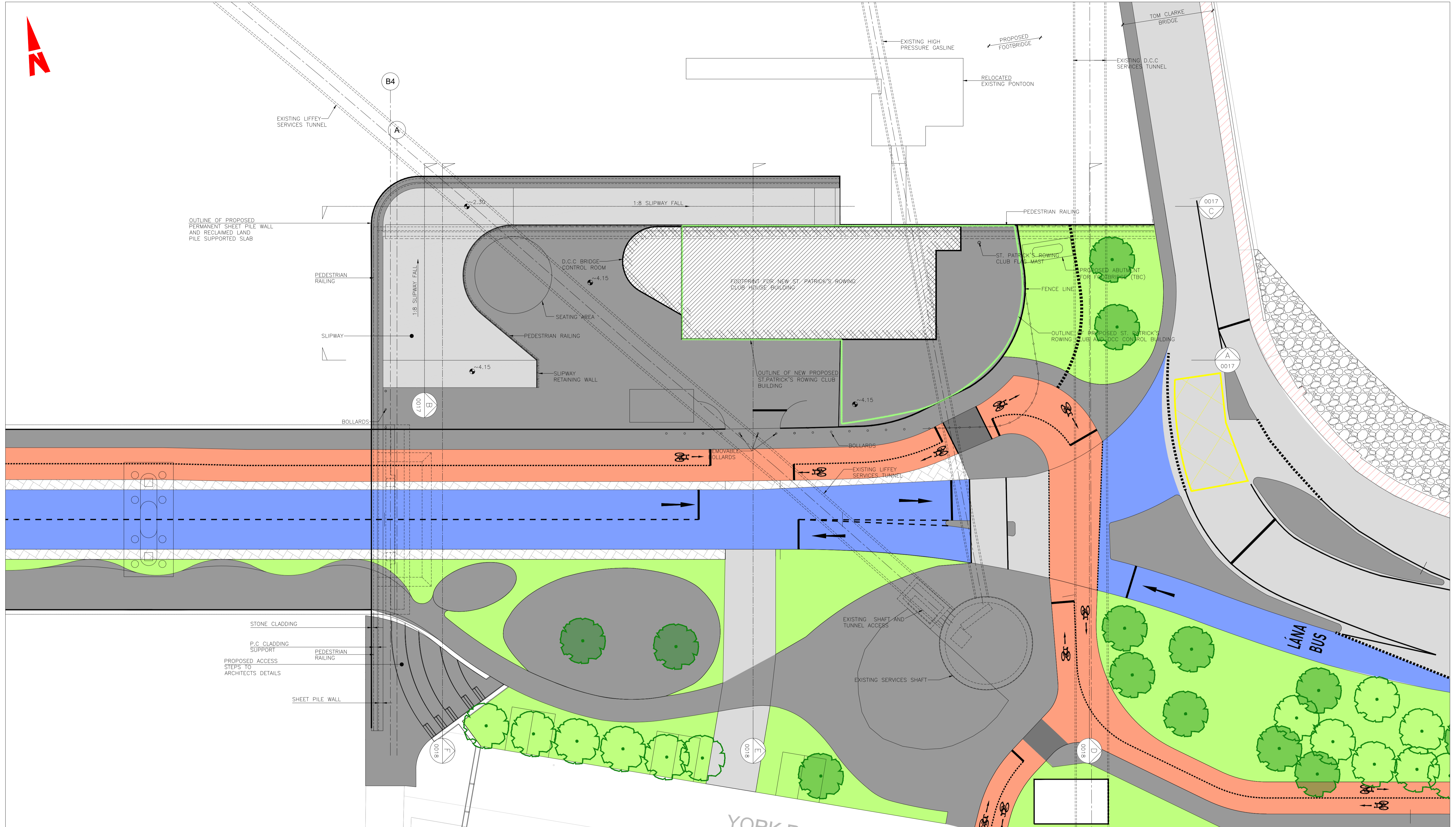


Rev	Date	Drn	Chk'd	App'd	Description
M01	30/06/2022	OB	JK	SMG	ISSUED FOR PHASE 4: PLANNING

<b>Client</b> Údarás Náisiúnta Iompair National Transport Authority		<b>Engineering Designer</b> IROD TYPSA		
Date	Scale	Drawn	Checked	Approved
30/06/2022	1:75 @ A1 1:150 @ A3	OB	JK	SMG
Programme Code	Originator Code	QMS Code		
BCIDD	ROT			

<b>Programme Title</b> BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
<b>Drawing Title</b> RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME STRUCTURES RINGSEND 05 - DODDER (OPENING) BRIDGE - CROSS SECTIONS - SHEET 6 OF 6			
Drawing File Name	Sheet Number	Status	Rev
BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0015	15 of 20	A	M01

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RECLAIMED LAND LAYOUT  
 SCALE 1:200 A1  
 SCALE 1:400 A3

J:\2019\191711917-02\_WIPO8 MODELS\01 CAD\01 DWG\03 STG 3 - STATUTORY PROCESS (M)\01 PLANNING\16 RINGSEND\BCIDD-ROT-STR\_ZZ-0016\_XX\_00-DR-SS-0016\_0018.dwg

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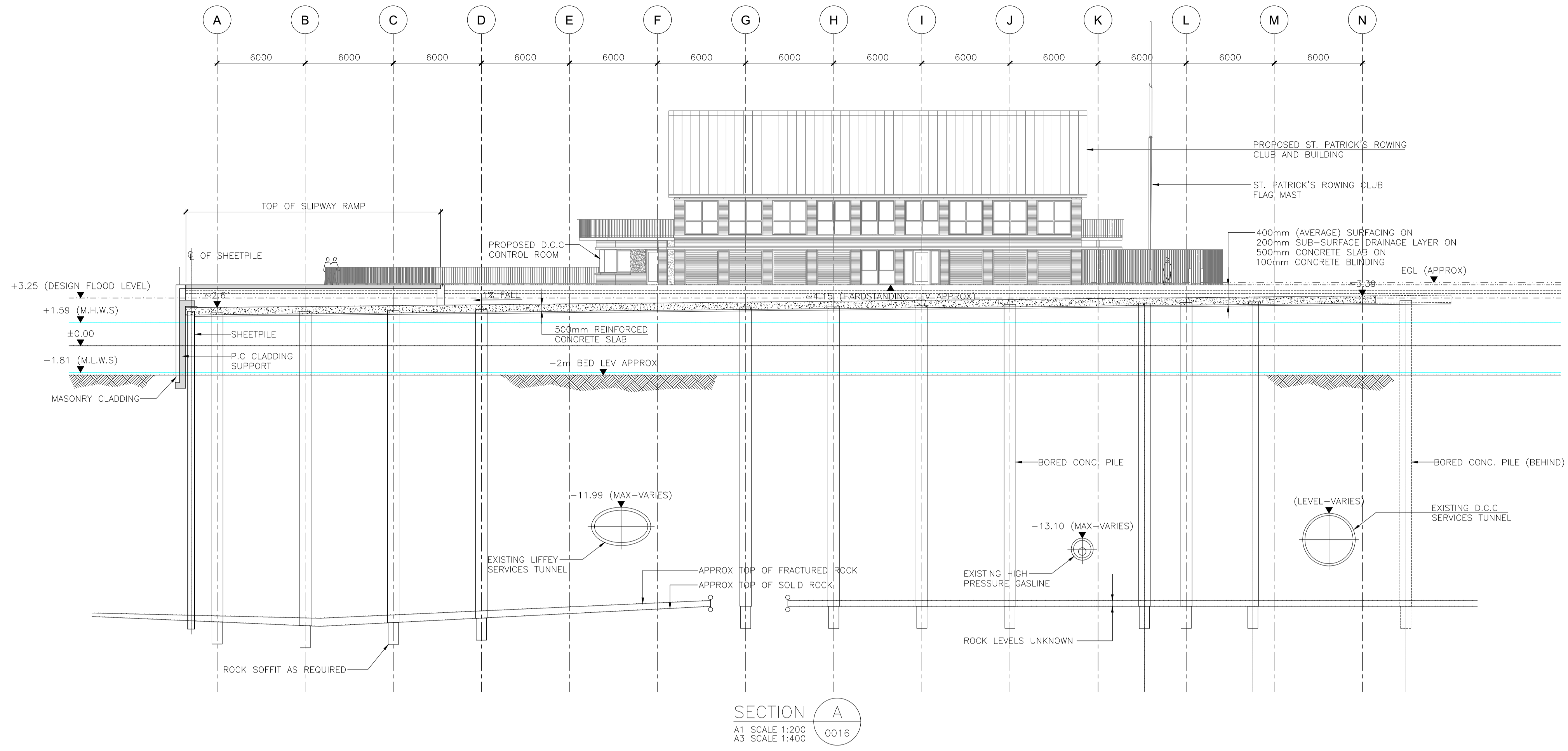
Rev	Date	Drn	Chk'd	App'd	Description
M01	30/06/2022	OB	JK	SMG	ISSUED FOR PHASE 4: PLANNING

Client <b>NTA</b> Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer <b>CIROD</b> TYPSA		
Date 30/06/2022	Scale 1:200 @ A1 1:400 @ A3	Drawn OB	Checked JK	Approved SMG
Programme Code BCIDD	Originator Code ROT	QMS Code		

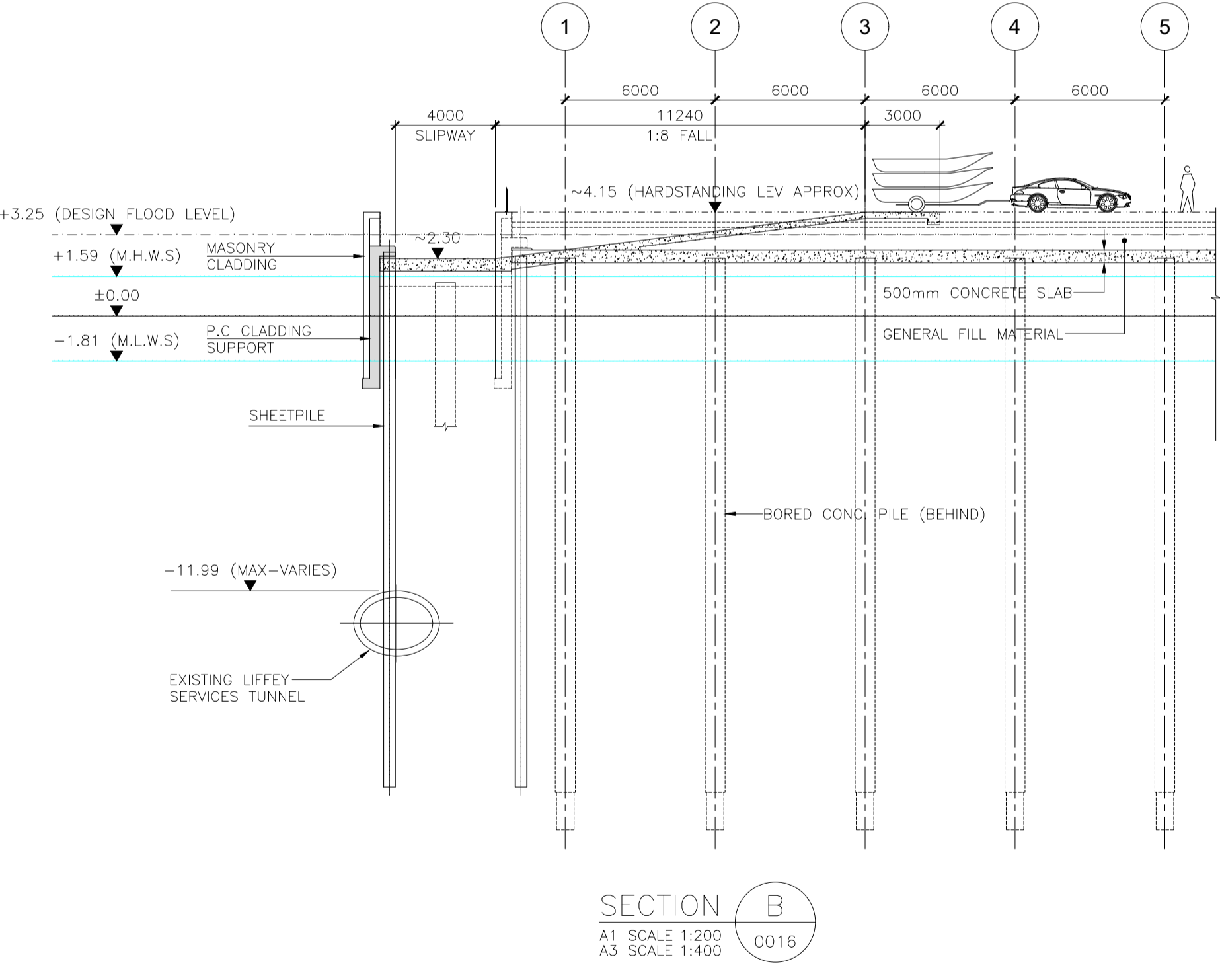
Programme Title <b>BUSCONNECTS DUBLIN</b> CORE BUS CORRIDORS INFRASTRUCTURE WORKS				
Drawing Title RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME STRUCTURES RINGSEND RECLAIMED LAND - PLAN LAYOUT - SHEET 1 OF 3				
Drawing File Name BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0016	Sheet Number 16 of 20	Status A	Rev M01	

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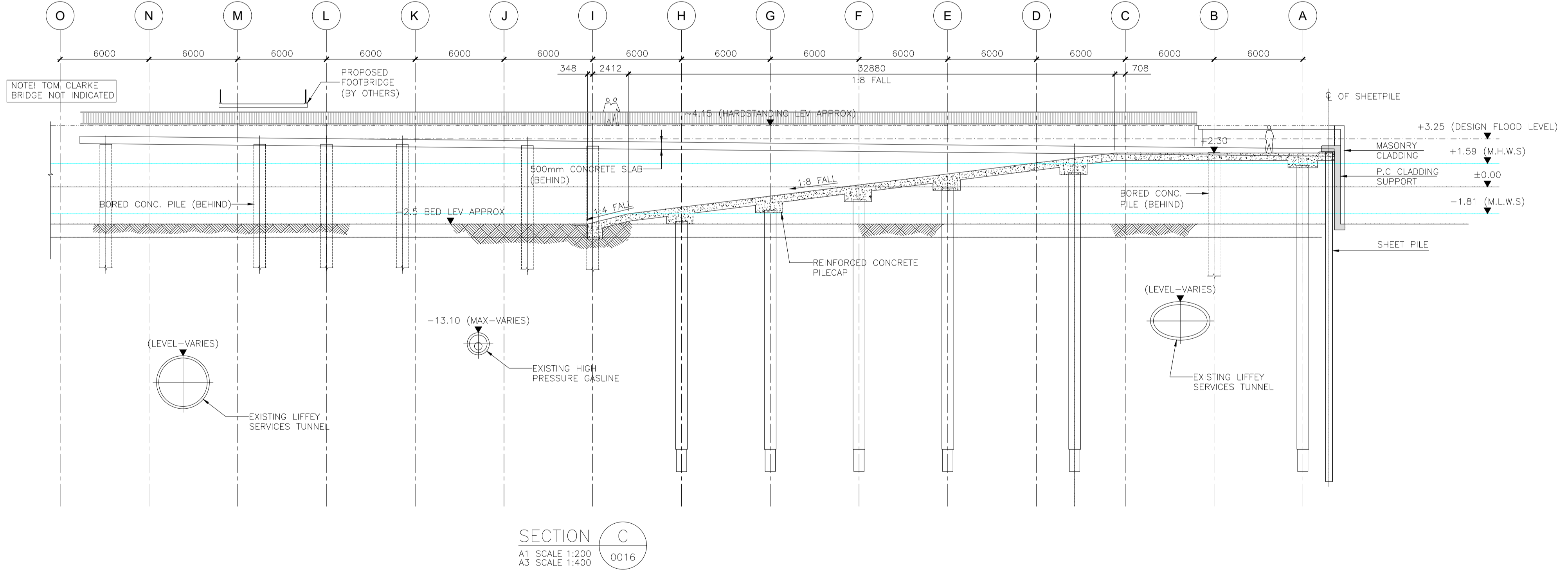
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SECTION A  
A1 SCALE 1:200  
A3 SCALE 1:400  
0016



SECTION B  
A1 SCALE 1:200  
A3 SCALE 1:400  
0016



SECTION C  
A1 SCALE 1:200  
A3 SCALE 1:400  
0016

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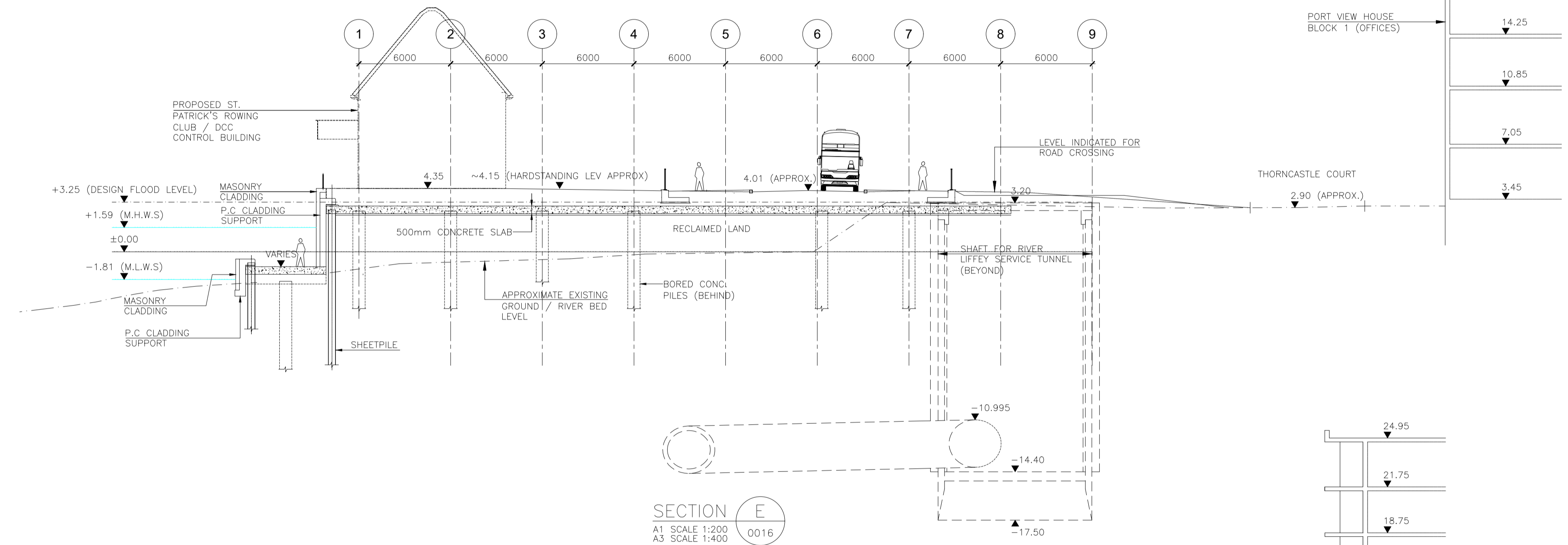
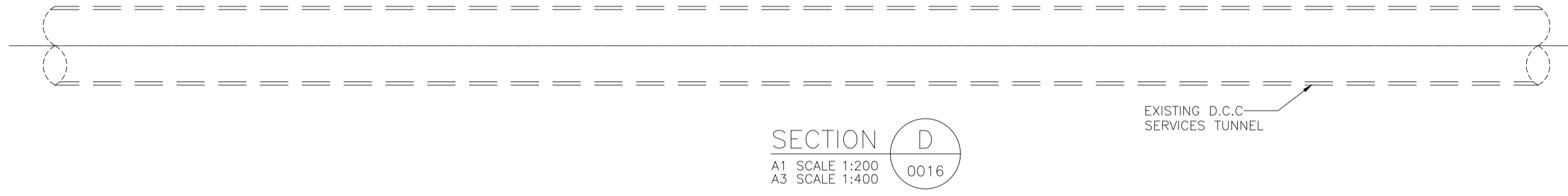
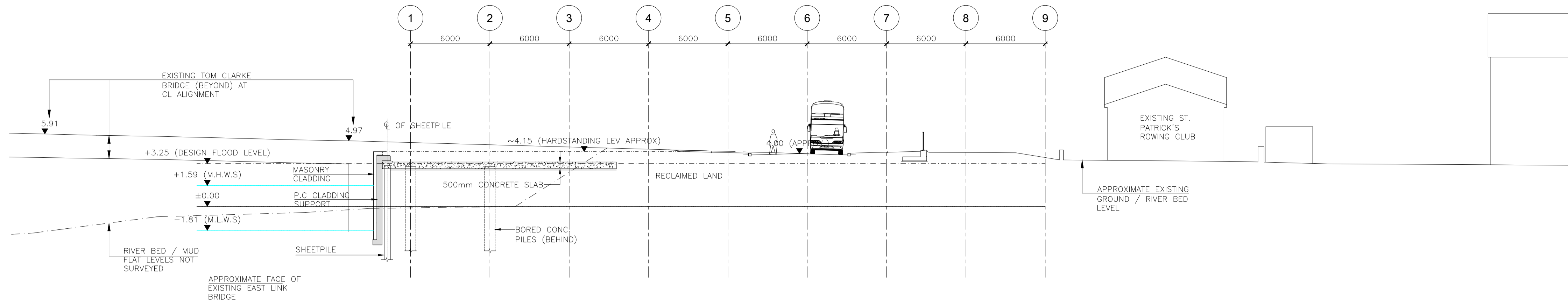


Rev	Date	Drn	Chk'd	App'd	Description
M01	30/06/2022	OB	JK	SMG	ISSUED FOR PHASE 4: PLANNING

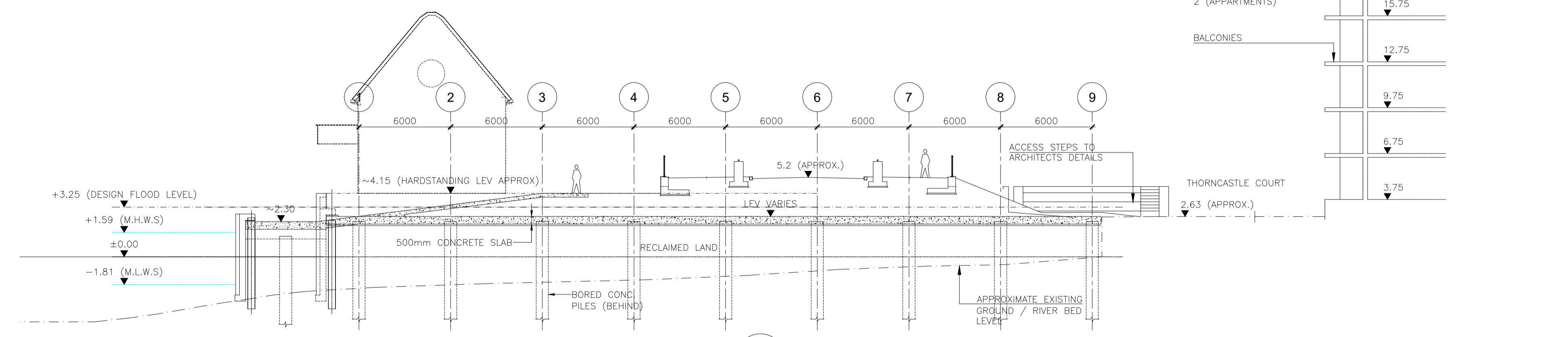
Client <b>NTA</b> Udarás Náisiúnta Iompair National Transport Authority		Engineering Designer <b>FIROD</b> TYPSA		
Date 30/06/2022	Scale 1:200 @ A1 1:400 @ A3	Drawn OB	Checked JK	Approved SMG
Programme Code BCIDD	Originator Code ROT	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME STRUCTURES RINGSEND RECLAIMED LAND - SECTIONS - SHEET 2 OF 3				
Drawing File Name BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0017	Sheet Number 17 of 20	Status A	Rev M01	

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SECTION E  
A1 SCALE 1:200  
A3 SCALE 1:400  
0016



SECTION F  
A1 SCALE 1:200  
A3 SCALE 1:400  
0016

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M01	30/06/2022	OB	JK	SMG	ISSUED FOR PHASE 4: PLANNING

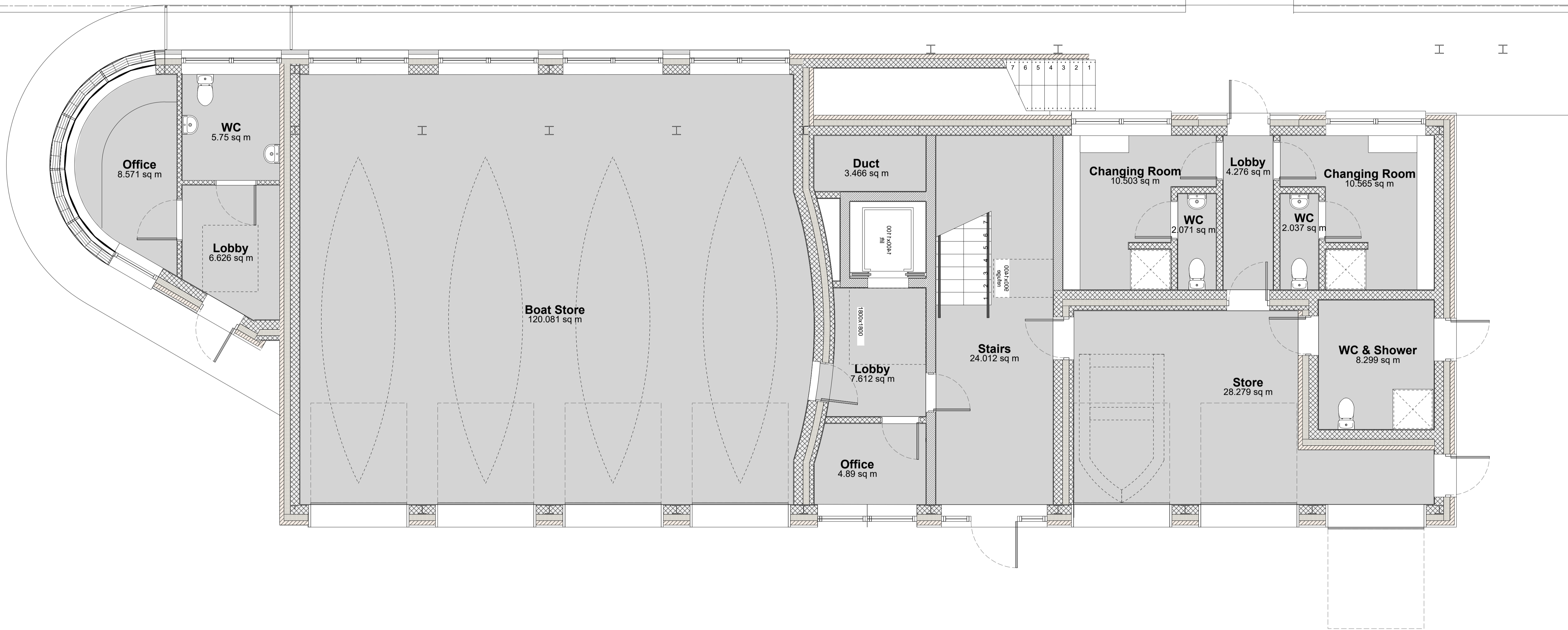
Client <b>NTA</b> Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer <b>FIROD</b> TYPSA		
Date 30/06/2022	Scale 1:200 @ A1 1:400 @ A3	Drawn OB	Checked JK	Approved SMG
Programme Code BCIDD	Originator Code ROT	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME STRUCTURES RINGSEND RECLAIMED LAND - SECTIONS - SHEET 3 OF 3				
Drawing File Name BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0018	Sheet Number 18 of 20	Status A	Rev M01	

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1 Ground Floor Plan  
Scale: 1:50

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Rev	Date	Drn	Chk'd	App'd	Description
M01	30/06/2022	CG	EOC	SMG	ISSUED FOR PHASE 4: PLANNING

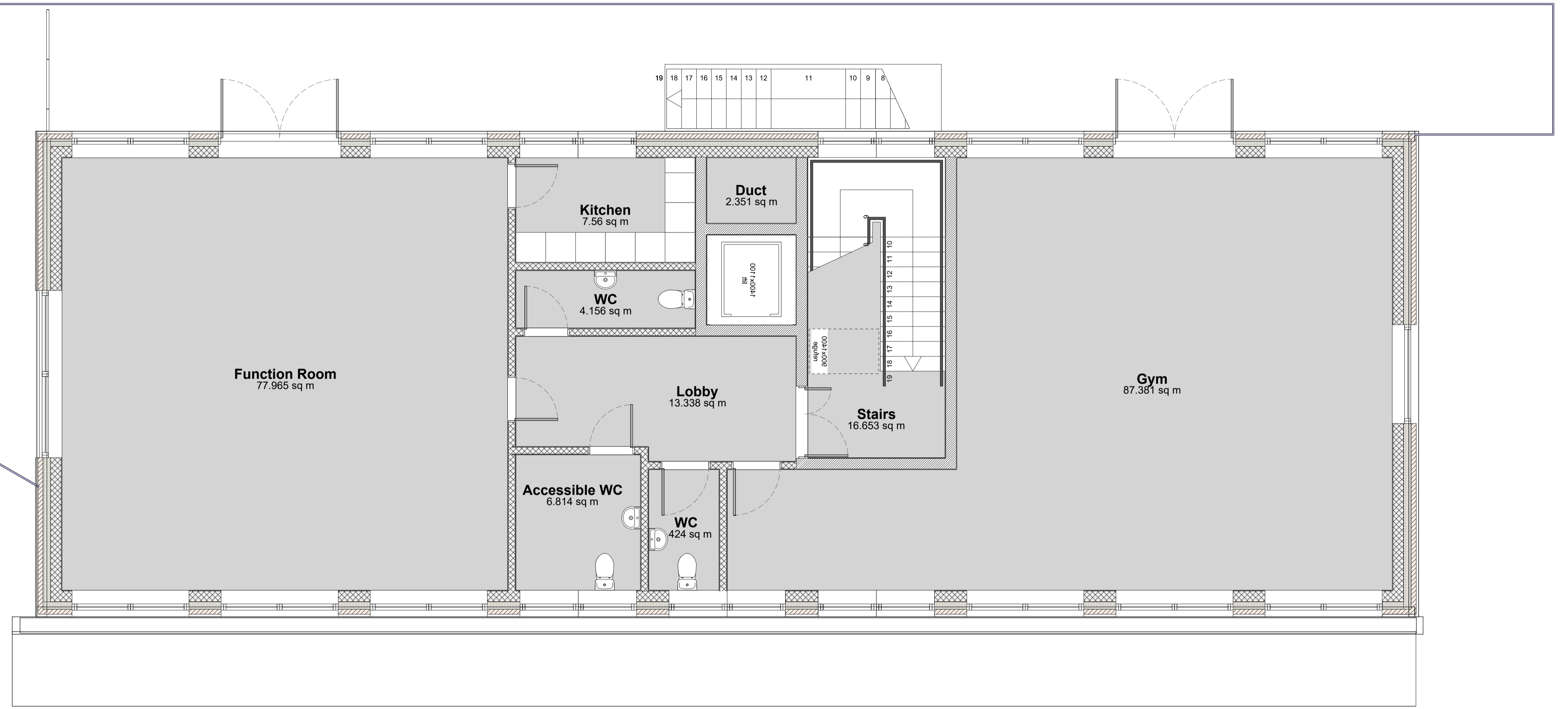
<b>Client</b> Údarás Náisiúnta Iompair National Transport Authority		<b>Engineering Designer</b> IROD TYPSA		
Date	Scale	Drawn	Checked	Approved
30/06/2022	NTS @ A1 NTS @ A3	CG	EOC	SMG
Programme Code	Originator Code	QMS Code		
BCIDD	ROT			

<b>Programme Title</b> BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
<b>Drawing Title</b> RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME ST PATRICK'S ROWING CLUB GROUND FLOOR PLAN			
Drawing File Name	Sheet Number	Status	Rev
BCIDD-SHA-STR_ZZ-0016_XX_00-DR-SS-0001	01 of 03	A	M01

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1 First Floor Plan  
Scale: 1:50




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Rev	Date	Drn	Chk'd	App'd	Description
M01	30/06/2022	CG	EOC	SMG	ISSUED FOR PHASE 4: PLANNING

Client  
  
 Údarás Náisiúnta Iompair  
 National Transport Authority

Engineering Designer  
  
 Drawn: CG, Checked: EOC, Approved: SMG

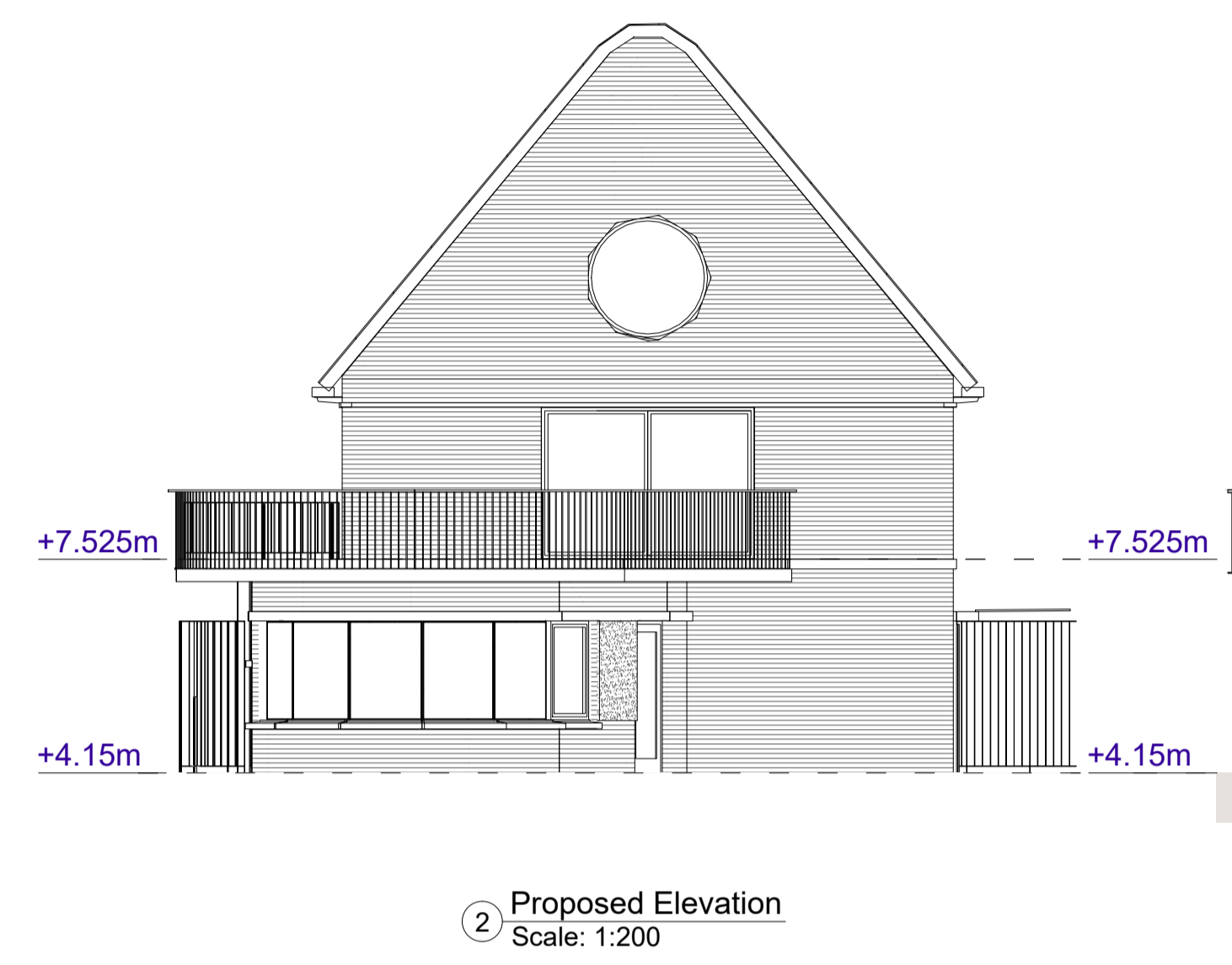
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Drawing Title RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME ST PATRICK'S ROWING CLUB FIRST FLOOR PLAN	
Drawing File Name BCIDD-SHA-STR_ZZ-0016_XX_00-DR-SS-0002	Sheet Number 02 of 03
Status A	Rev M01

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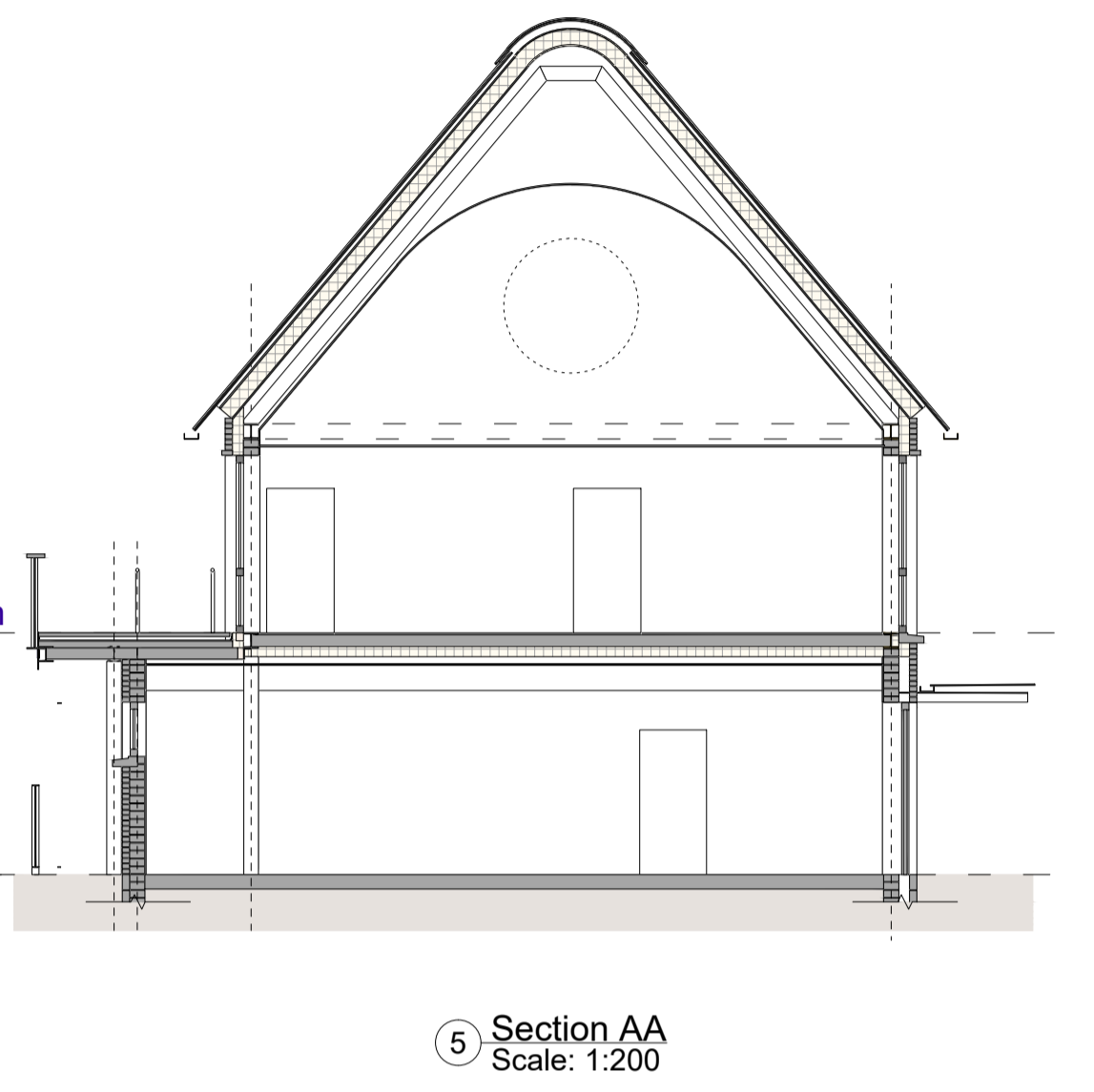
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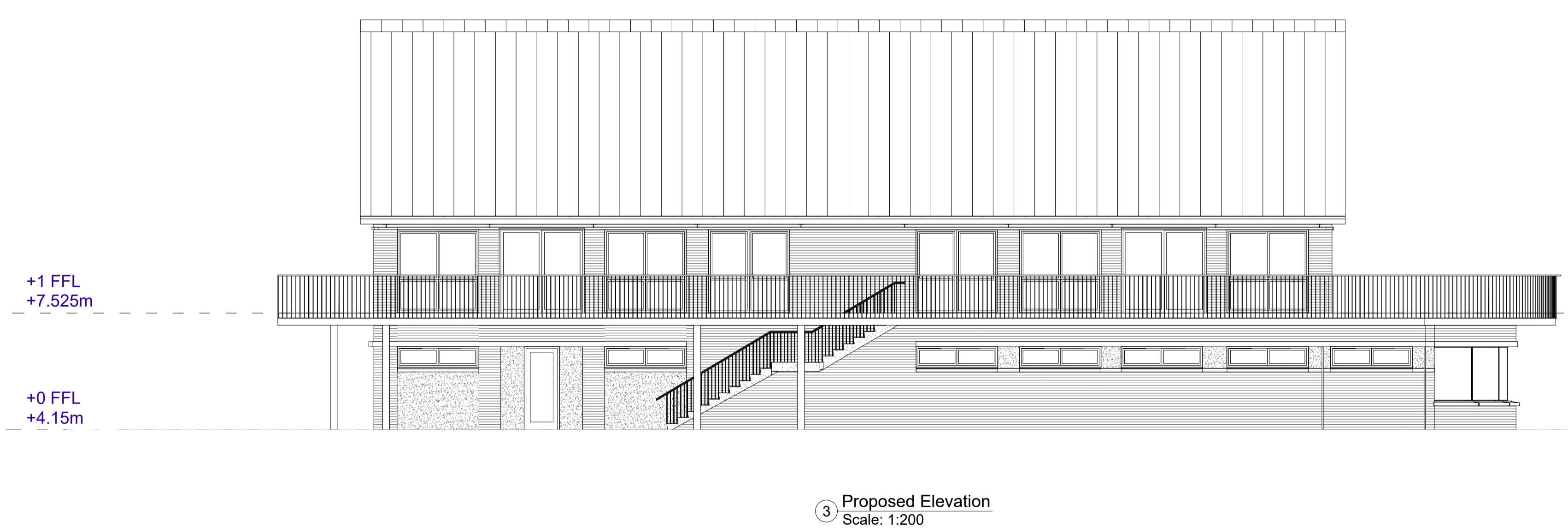
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Scale: 1:200



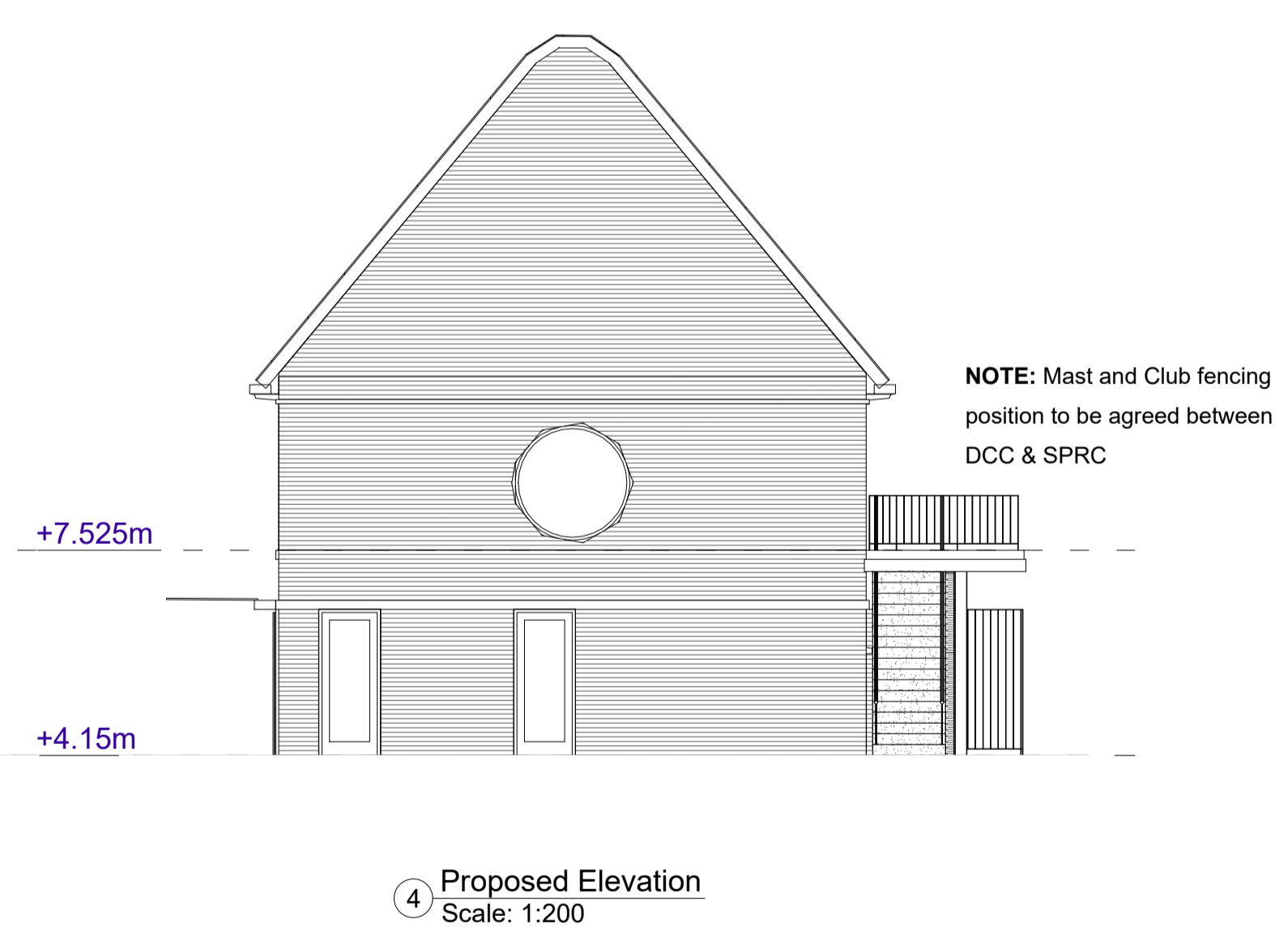
2 Proposed Elevation  
Scale: 1:200



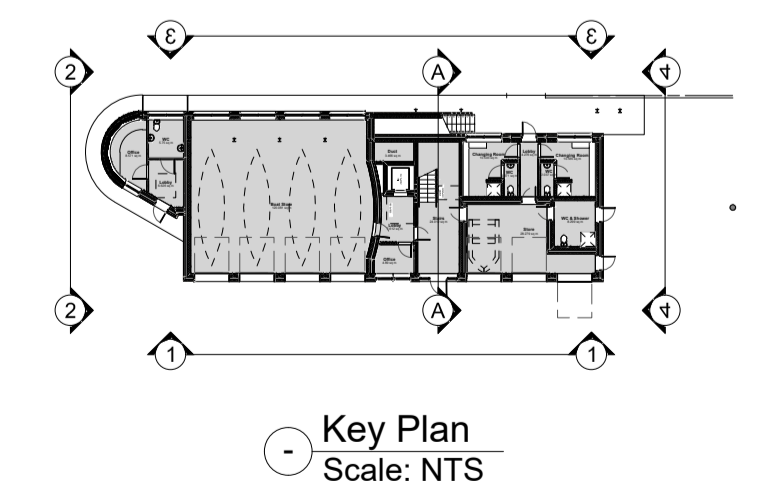
5 Section AA  
Scale: 1:200



3 Proposed Elevation  
Scale: 1:200



4 Proposed Elevation  
Scale: 1:200



Key Plan  
Scale: NTS

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Rev	Date	Drn	Chk'd	App'd	Description
M01	30/06/2022	CG	EOC	SMG	ISSUED FOR PHASE 4: PLANNING

Client <b>NTA</b> Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer <b>FIROD</b> TYPSA		
Date 30/06/2022	Scale NTS @ A1 NTS @ A3	Drawn CG	Checked EOC	Approved SMG
Programme Code BCIDD	Originator Code ROT	QMS Code		

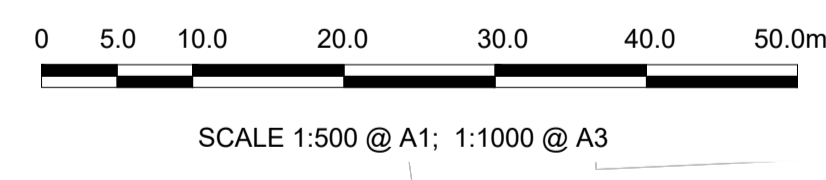
Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME ST PATRICK'S ROWING CLUB PROPOSED ELEVATIONS / SECTIONS				
Drawing File Name BCIDD-SHA-STR_ZZ-0016_XX_00-DR-SS-0003	Sheet Number 03 of 03	Status A	Rev M01	

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**LEGEND:**

- BUS LANE
- CYCLE TRACK
- FOOTPATH
- CARRIAGEWAY
- GRASS AREA / VERGE
- PEDESTRIAN PRIORITY ZONE
- RAISED TABLE
- BUS STOP LOCATIONS
- BUS SHELTER
- TREE (EXISTING AND PROPOSED)
- HERITAGE FEATURES
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION



**NOTES:**

- ADDITIONAL PROPOSED SCHEME INFORMATION IS AVAILABLE ON THE DRAWING SERIES PROVIDED WITHIN VOLUME III OF THE ENVIRONMENTAL IMPACT ASSESSMENT REPORT (EIAR).
- WHERE PROPERTY LINE ADJUSTMENTS ARE PROPOSED, NEW BOUNDARY WALLS ARE TO MATCH THE EXISTING UNLESS OTHERWISE DETERMINED IN CONSULTATION WITH THE LANDOWNER.

J:\2019\1917117-02\_WIPO8 MODELS\01 CAD\01 DWG\03 STG 3 - STATUTORY PROCESS (M)\01 PLANNING\16 RINGSEND\BCIDD-ROT-STR\_ZZ-0016\_XX\_00-DR-SS-0007.dwg

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Rev	Date	Drn	Chk'd	App'd	Description
M01	30/06/2022	AR	EOC	SMG	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**  
 Údarás Náisiúnta Iompair  
 National Transport Authority

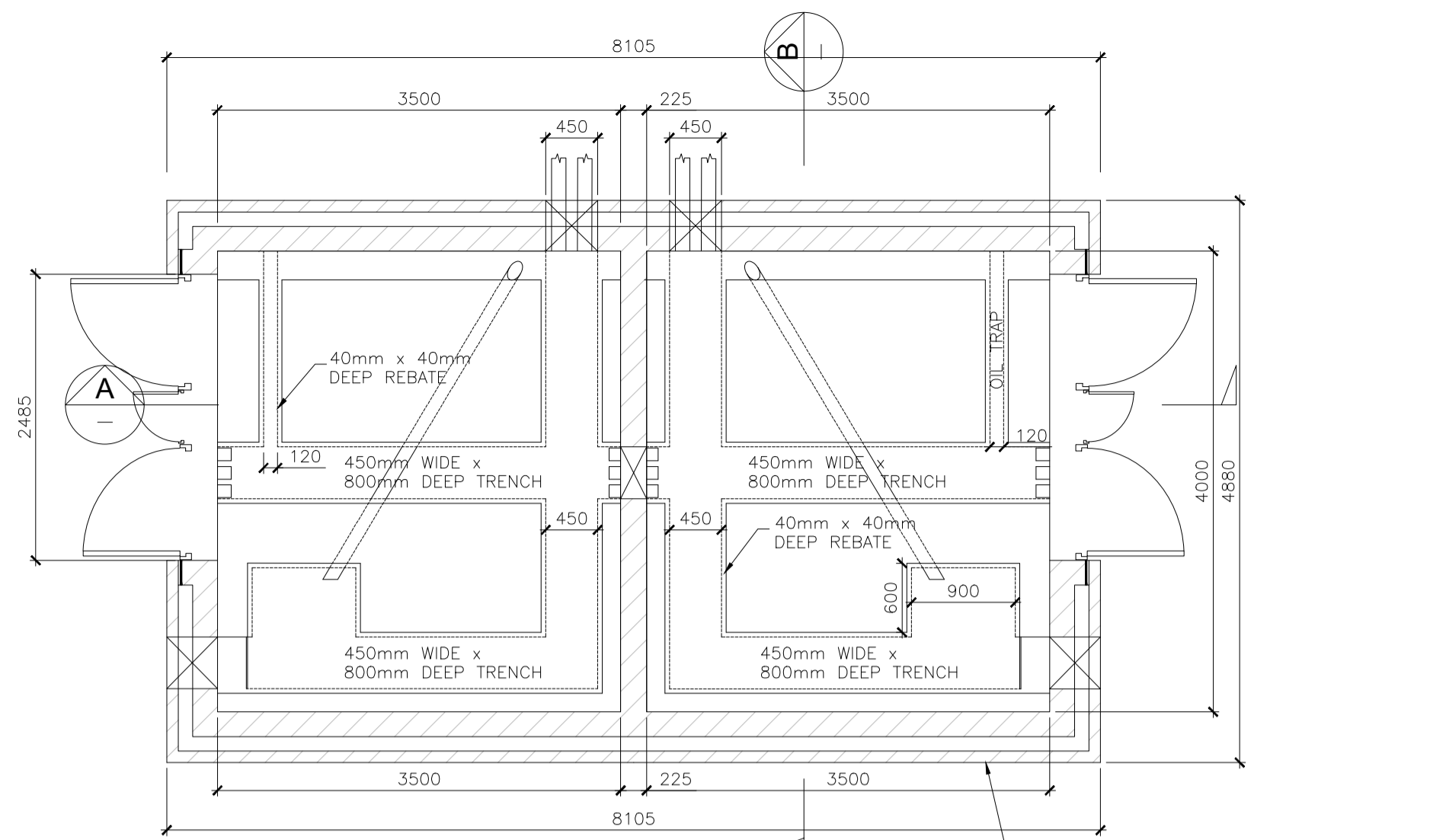
Engineering Designer: **FIROD**  
 TYPSA

Date: 30/06/2022 Scale: 1:500 @ A1, 1:1000 @ A3  
 Drawn: AR Checked: EOC Approved: SMG

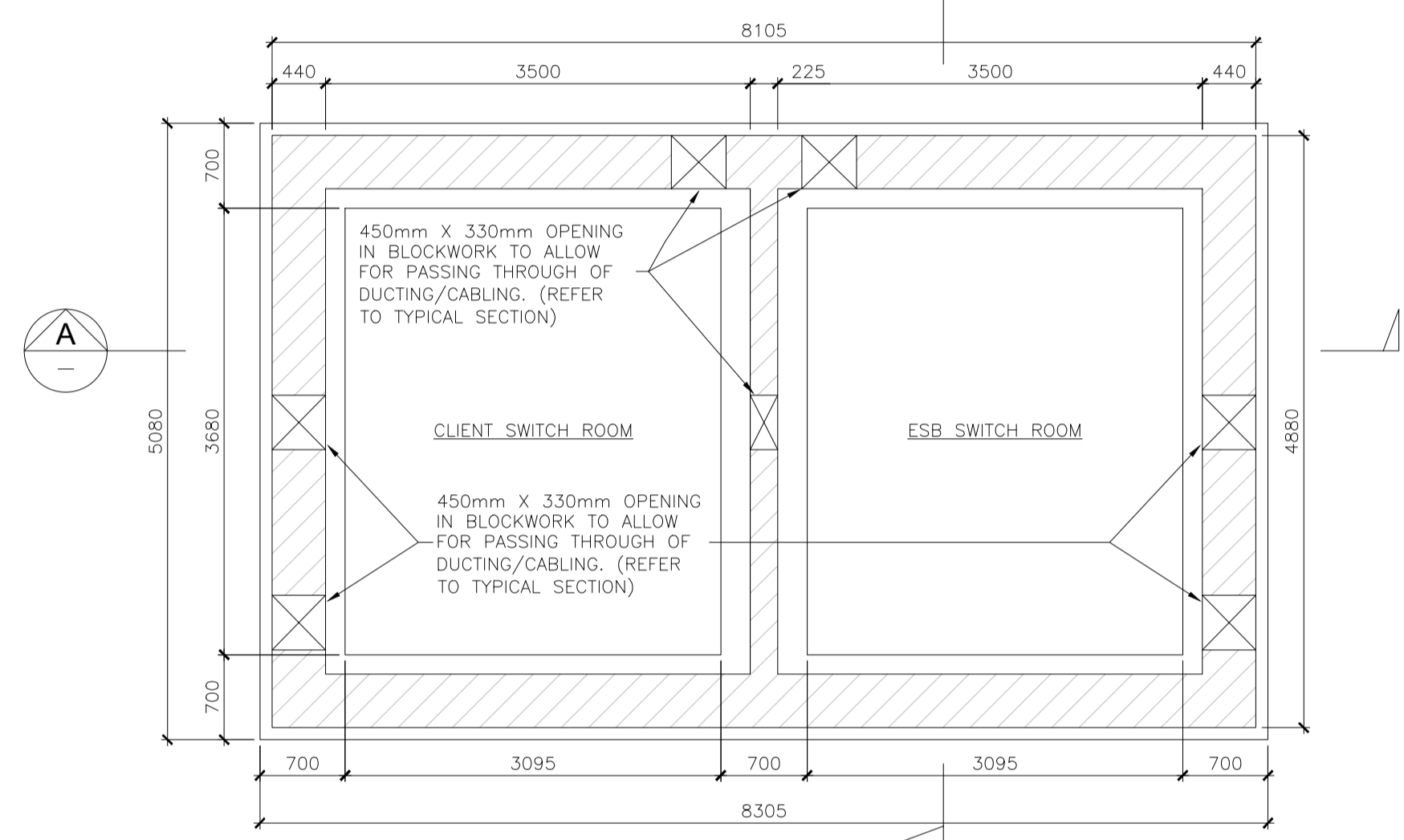
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Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME STRUCTURES PROPOSED SUB-STATION LOCATION			
Drawing File Name: BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0007	Sheet Number: 1 of 1	Status: A	Rev: M01

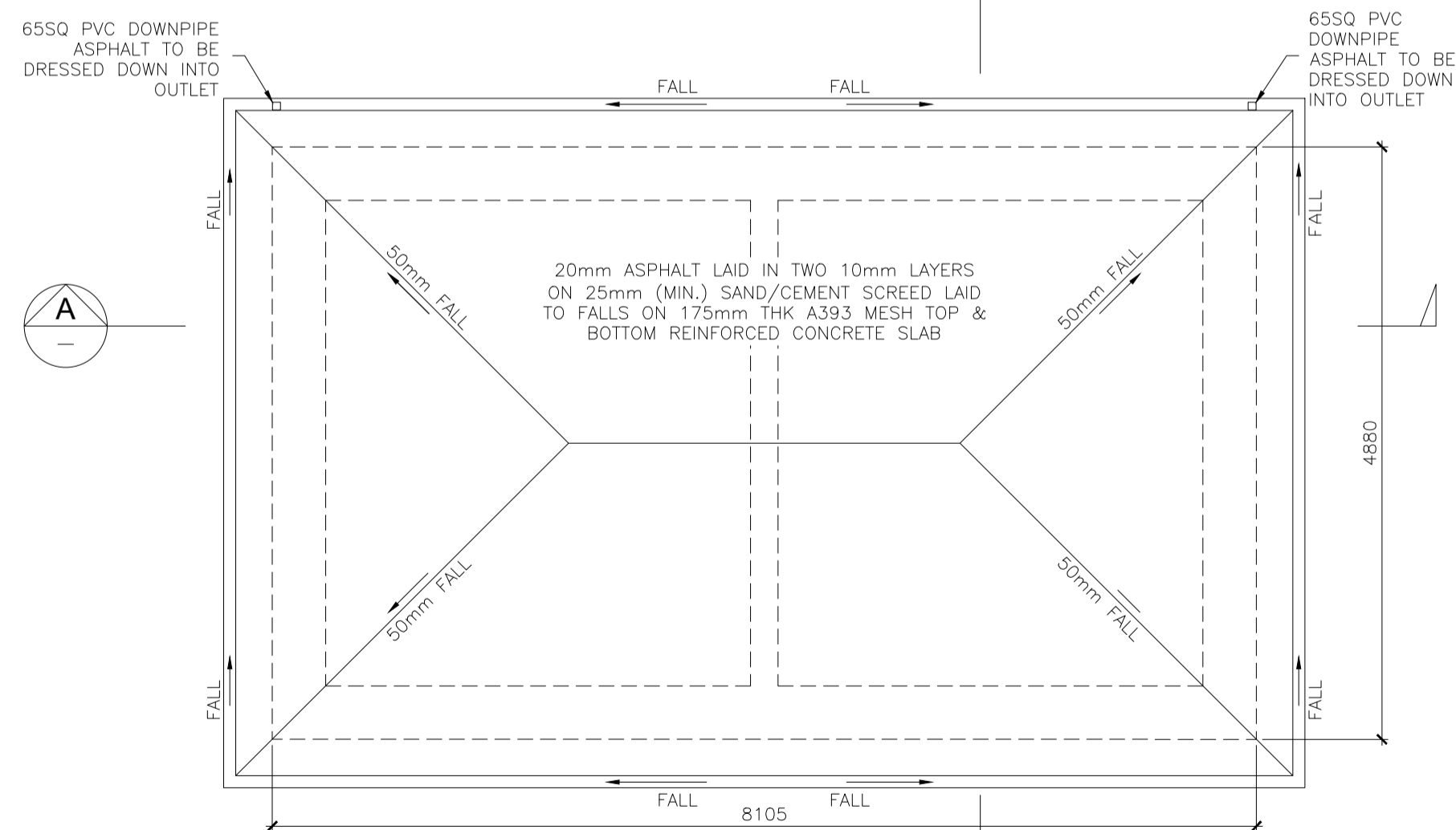
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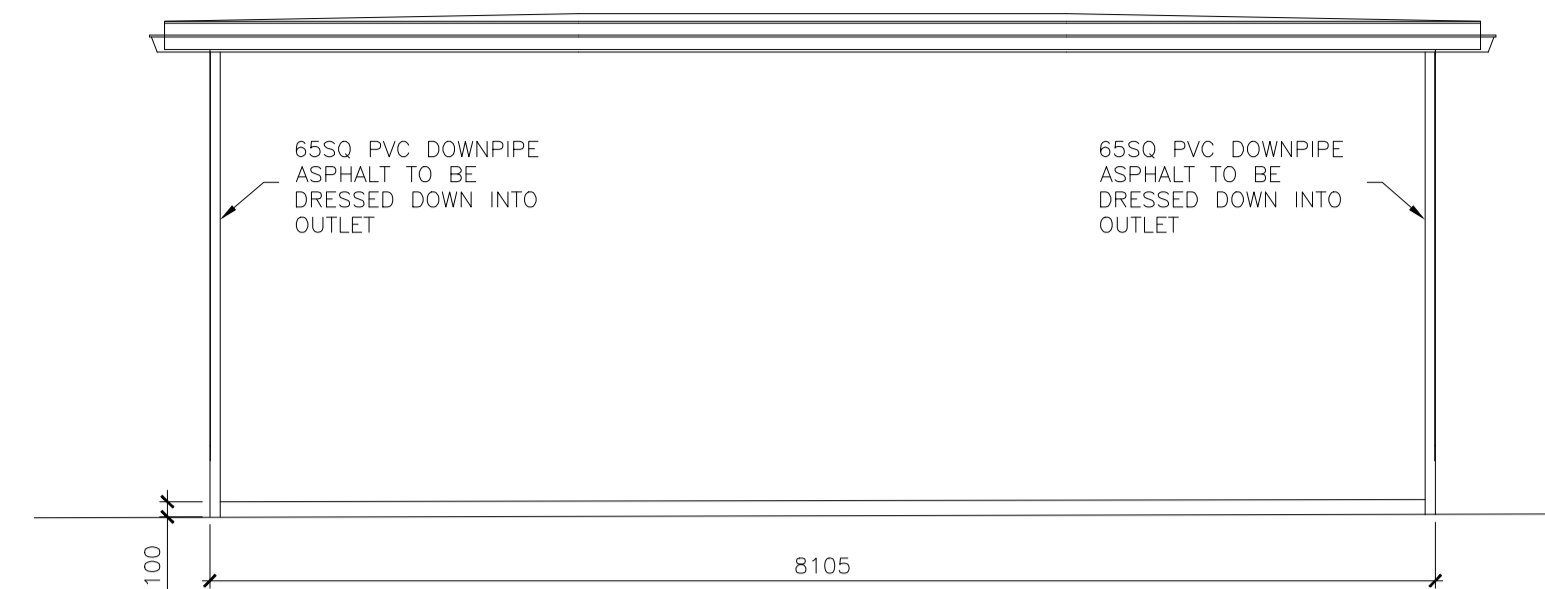
SUBSTATION FLOOR PLAN  
SCALE 1: 50 A1  
SCALE 1:100 A3



FOUNDATION PLAN  
SCALE 1: 50 A1  
SCALE 1:100 A3



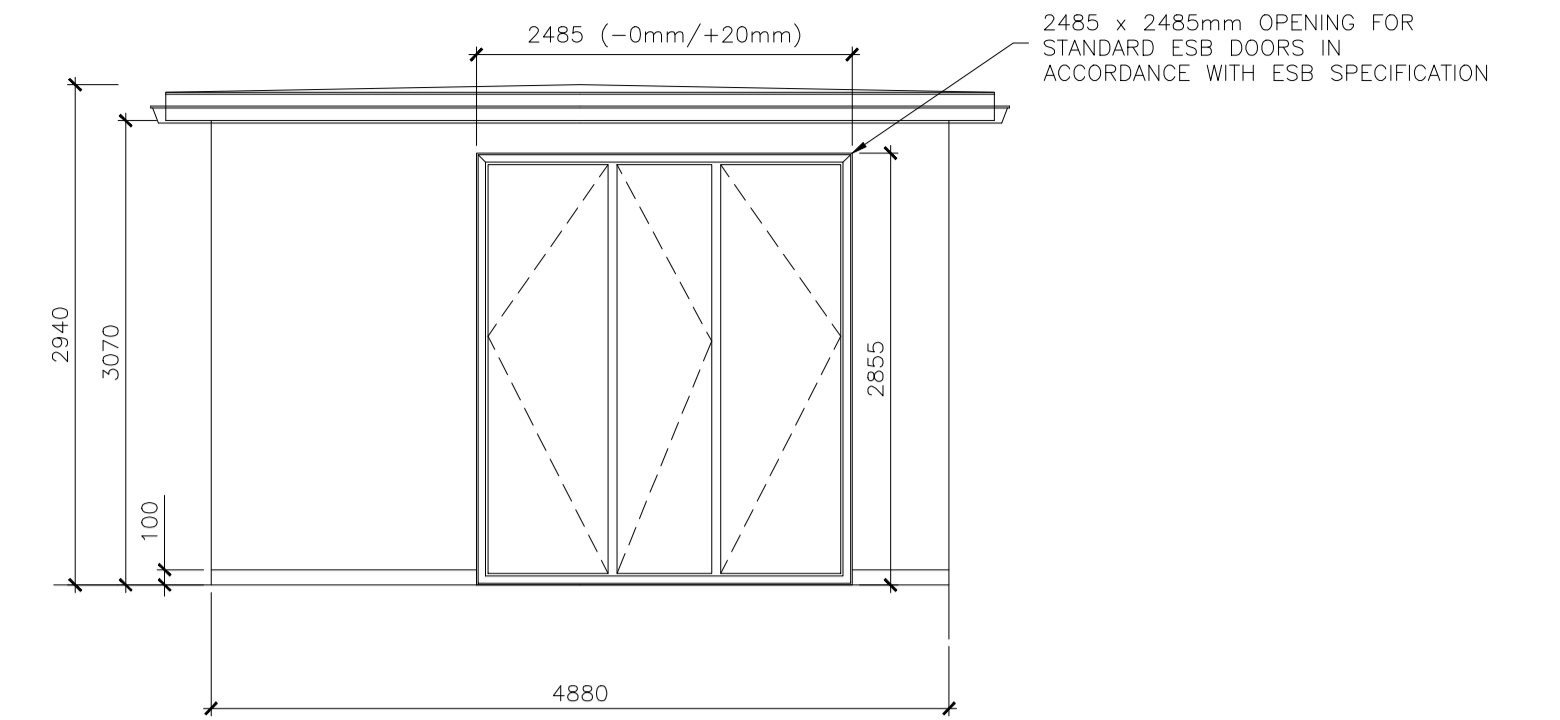
ROOF PLAN  
SCALE 1: 50 A1  
SCALE 1:100 A3



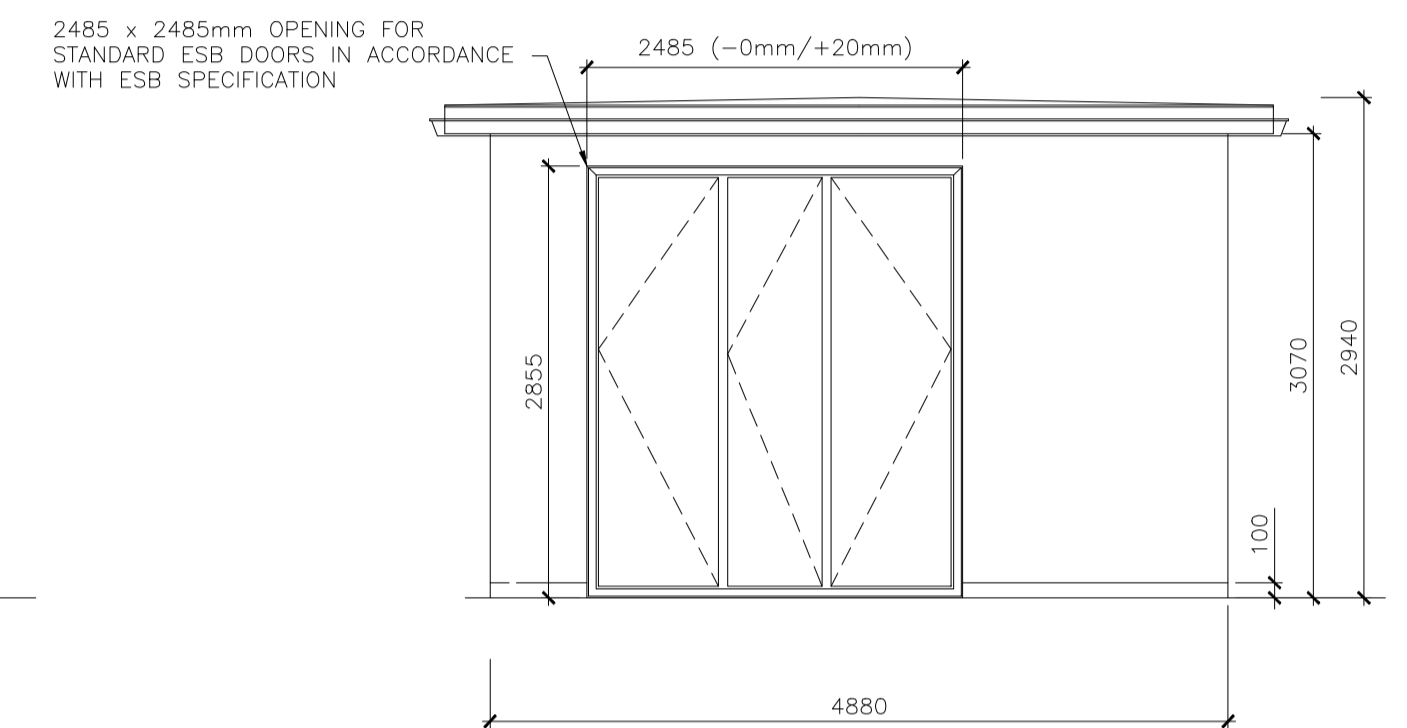
NORTH ELEVATION  
SCALE 1: 50 A1  
SCALE 1:100 A3



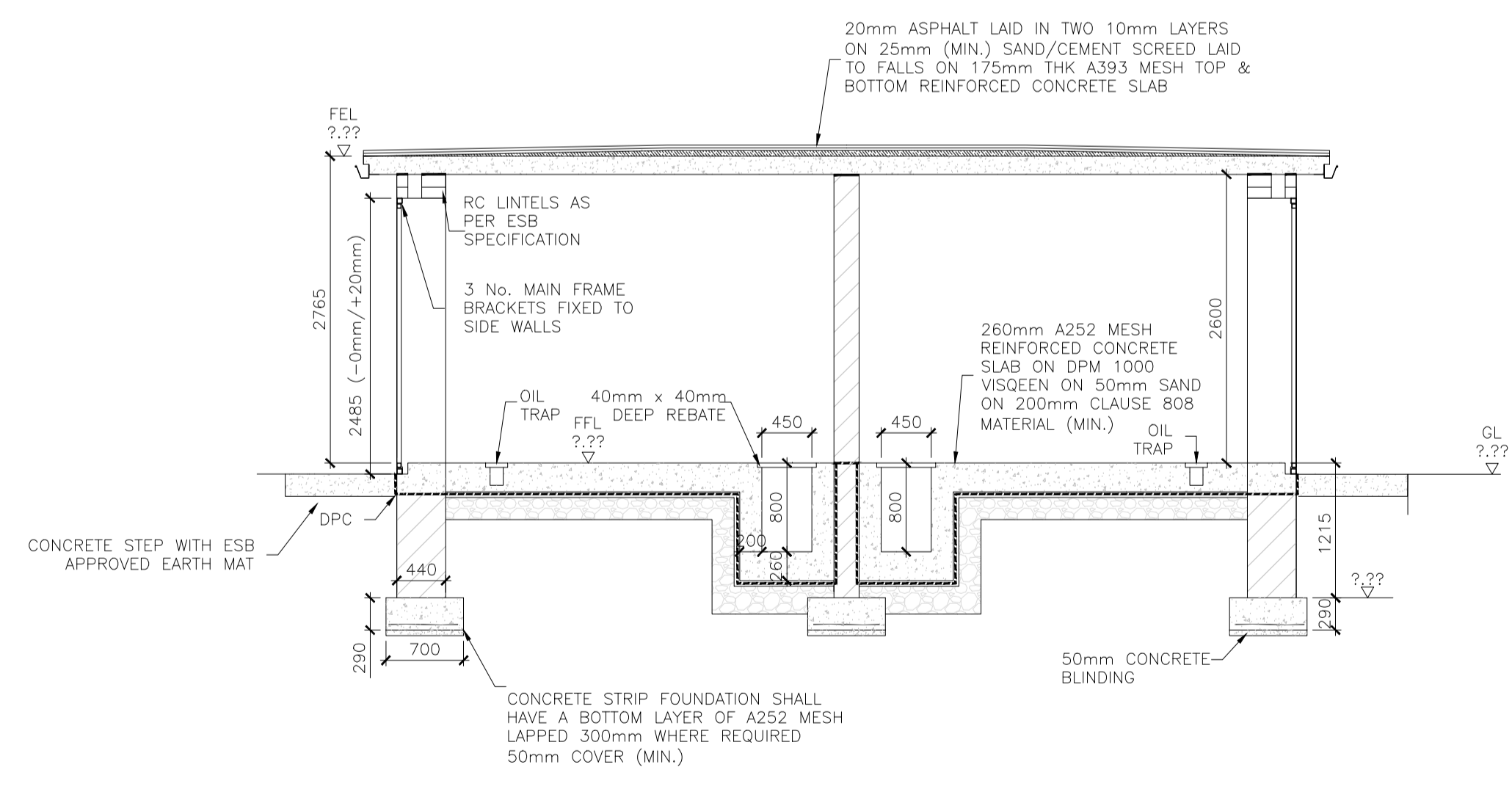
SOUTH ELEVATION  
SCALE 1: 50 A1  
SCALE 1:100 A3



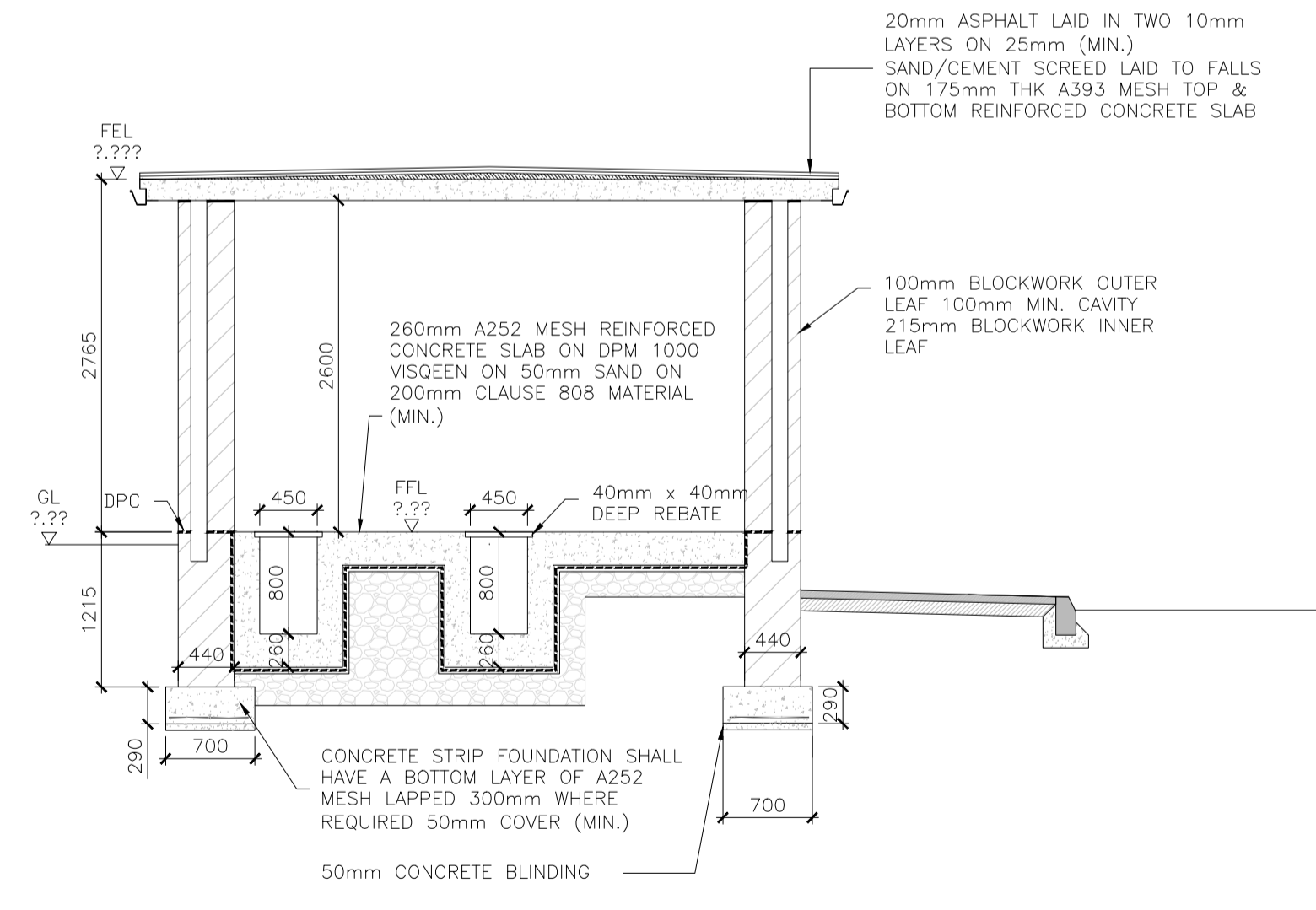
EAST ELEVATION  
SCALE 1: 50 A1  
SCALE 1:100 A3



WEST ELEVATION  
SCALE 1: 50 A1  
SCALE 1:100 A3



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



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

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Client <b>NTA</b> Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer <b>FIROD</b> TYPSA		
Date 30/06/2022	Scale 1:50 @ A1 1:100 @ A3	Drawn AR	Checked JK	Approved SMG
Programme Code BCIDD	Originator Code ROT	QMS Code		

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>				
Drawing Title RINGSEND TO CITY CENTRE CORE BUS CORRIDOR SCHEME STRUCTURES ESB SUBSTATION				
Drawing File Name BCIDD-ROT-STR_ZZ-0016_XX_00-DR-SS-0008	Sheet Number 08 of 20	Status A	Rev M01	

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