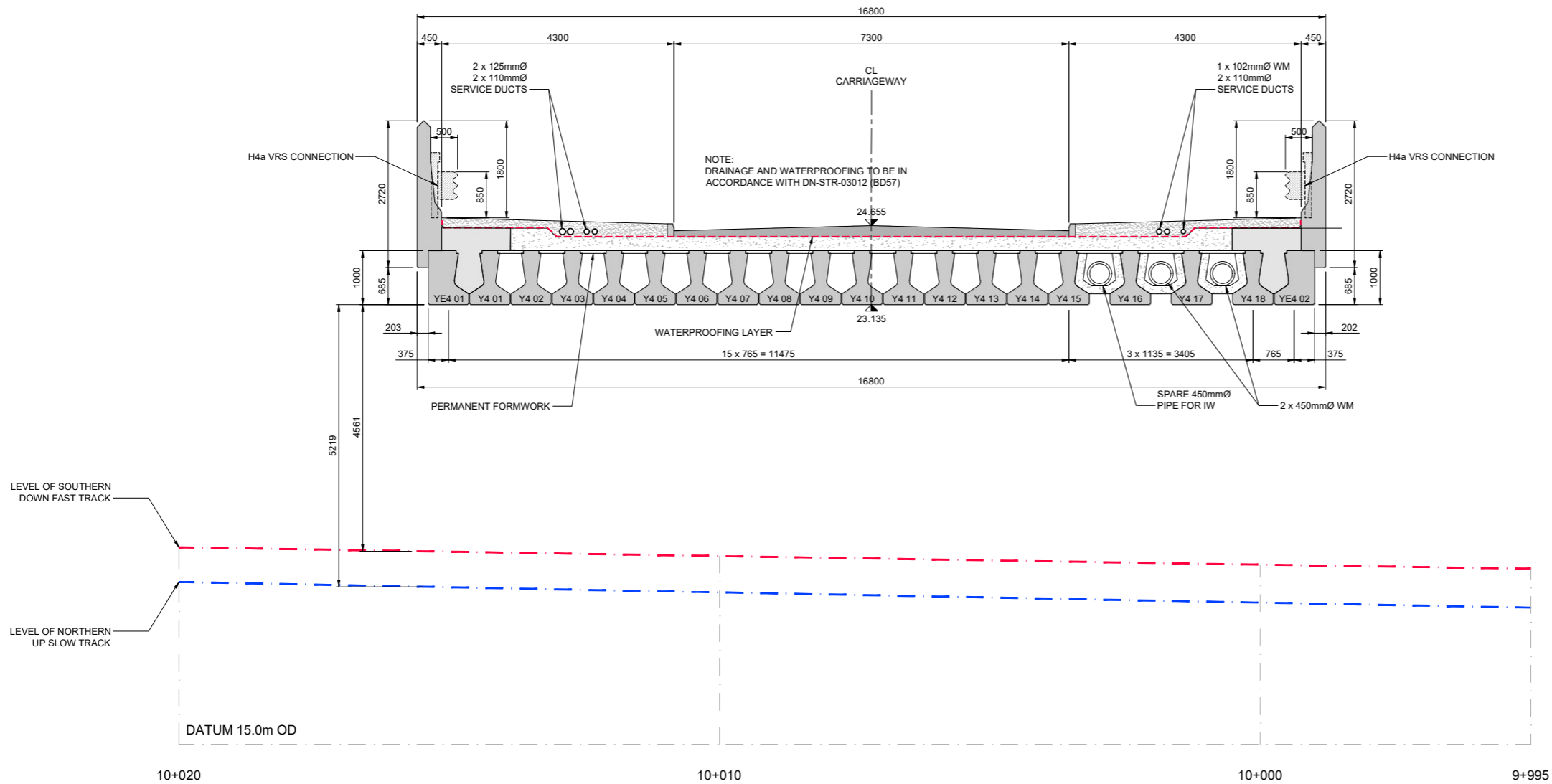


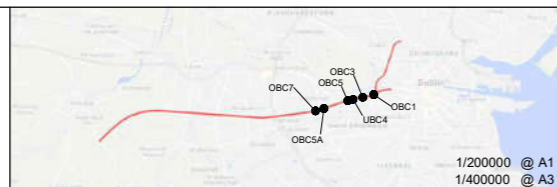
**DRAWING NOTES:**

1. All dimensions are in millimetres unless noted otherwise
2. All levels are in metres relative to National Ordnance Datum unless noted otherwise
3. Chainages are expressed in metres
4. All angles are in degrees (0°-360°) unless noted otherwise
5. Dimensions are not to be scaled from the drawings



**C**  
18933 **CROSS SECTION**

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



Rev	Date	Drn	Chk'd	App'd	Description
v01	10.11.22	AOS	GOH	RM	PLANNING ISSUE

Client <b>Iarnród Éireann</b> Irish Rail		Engineering Designer <b>ATKINS</b> TYPSA Supported by: <b>rps</b>	
Date 15.10.21	Scale 1:50 @ A1 1:100 @ A3	Drawn AOS	Checked GOH
Project Code 5199586	Issuer TTA	Approved RM	QMS Code

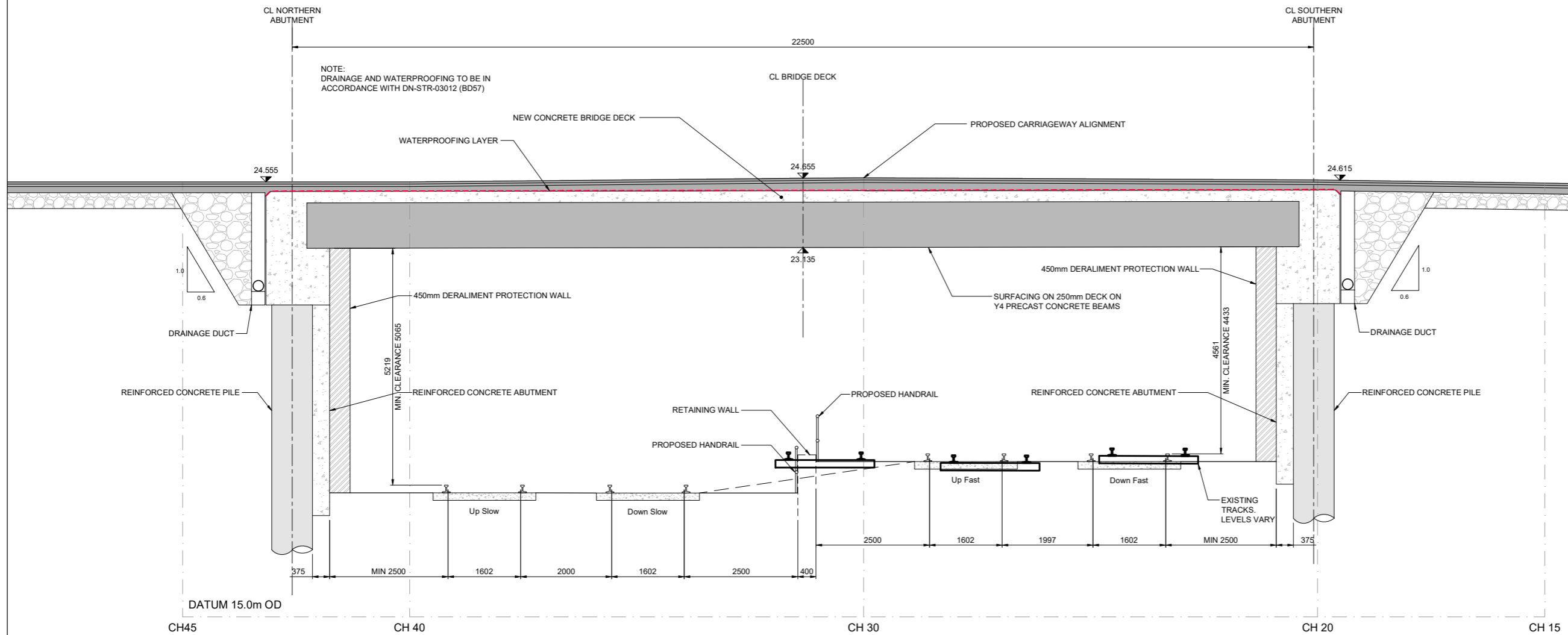
Project Title <b>DART + SOUTH WEST</b>	Drawing Title <b>MEMORIAL ROAD BRIDGE (OBC3) BRIDGE DECK CROSS SECTION</b>
Drawing File Name DP-04-23-DWG-RO-TTA-18935	Version v01
Status S3	

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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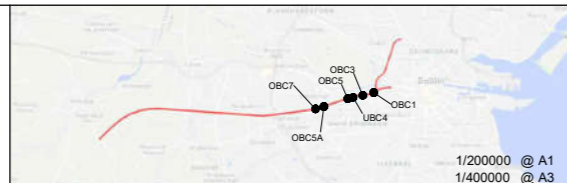
**DRAWING NOTES:**

1. All dimensions are in millimetres unless noted otherwise
2. All levels are in metres relative to National Ordnance Datum unless noted otherwise
3. Chainages are expressed in metres
4. All angles are in degrees (0°-360°) unless noted otherwise
5. Dimensions are not to be scaled from the drawings



**A**  
18933  
**LONGITUDINAL SECTION**

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



Rev	Date	Drn	Chk'd	App'd	Description
v01	10.11.22	AOS	GOH	RM	PLANNING ISSUE

Client  
**Iarnród Éireann**  
**Irish Rail**

Engineering Designer  
**ATKINS**  
Supported by:  
**rps**

Project Title  
**DART + SOUTH WEST**

Drawing Title  
**MEMORIAL ROAD BRIDGE (OBC3)  
BRIDGE DECK LONGITUDINAL SECTION**

Drawing File Name  
DP-04-23-DWG-RO-TTA-18934

Version  
v01

Status  
S3

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



**DRAWING NOTES:**

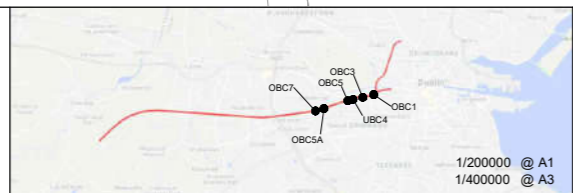
1. All dimensions are in millimetres unless noted otherwise
2. All levels are in metres relative to National Ordnance Datum unless noted otherwise
3. Chainages are expressed in metres
4. All angles are in degrees (0°-360°) unless noted otherwise
5. Dimensions are not to be scaled from the drawings

**LEGEND:**

— CIÉ Land Ownership

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Rev	Date	Drn	Chk'd	App'd	Description
v01	10.11.22	AOS	GOH	RM	PLANNING ISSUE

Client <b>Iarnród Éireann Irish Rail</b>		Engineering Designer <b>ATKINS</b> Member of the SNC Lavalin Group		Project Title <b>DART + SOUTH WEST</b>	
Date 15.10.21	Scale 1:100 @ A1 1:200 @ A3	Drawn AOS	Checked GOH	Approved RM	Drawing Title <b>MEMORIAL ROAD BRIDGE (OBC3) BRIDGE DECK PLAN</b>
Project Code 5199586	Issuer TTA	QMS Code		Drawing File Name DP-04-23-DWG-RO-TTA-18933	Version v01

Status S3	
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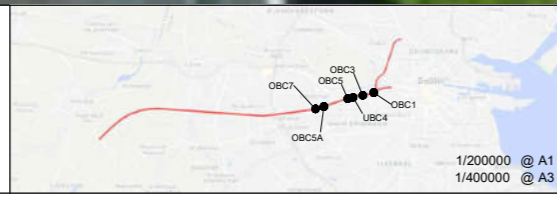


- DRAWING NOTES:**
- All dimensions are in millimetres unless noted otherwise
  - All levels are in metres relative to National Ordnance Datum unless noted otherwise
  - Chainages are expressed in metres
  - All angles are in degrees (0°-360°) unless noted otherwise
  - Dimensions are not to be scaled from the drawings
  - H4A vehicle restraints system layout to be agreed in liaison with Irish Rail.

- LEGEND:**
- CIÉ Land Ownership
  - Gabion Wall
  - King Post Wall
  - King Post Wall

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Rev	Date	Dm	Chk'd	App'd	Description
v01	10.11.22	AOS	GOH	RM	PLANNING ISSUE

Client: **Iarnród Éireann Irish Rail**

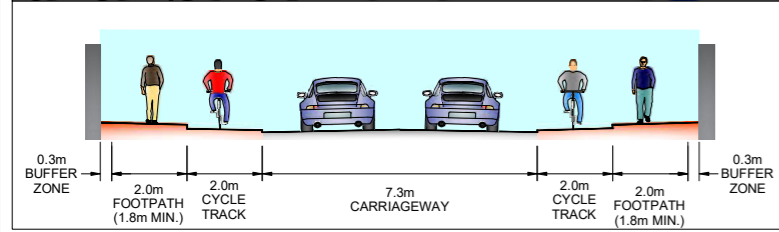
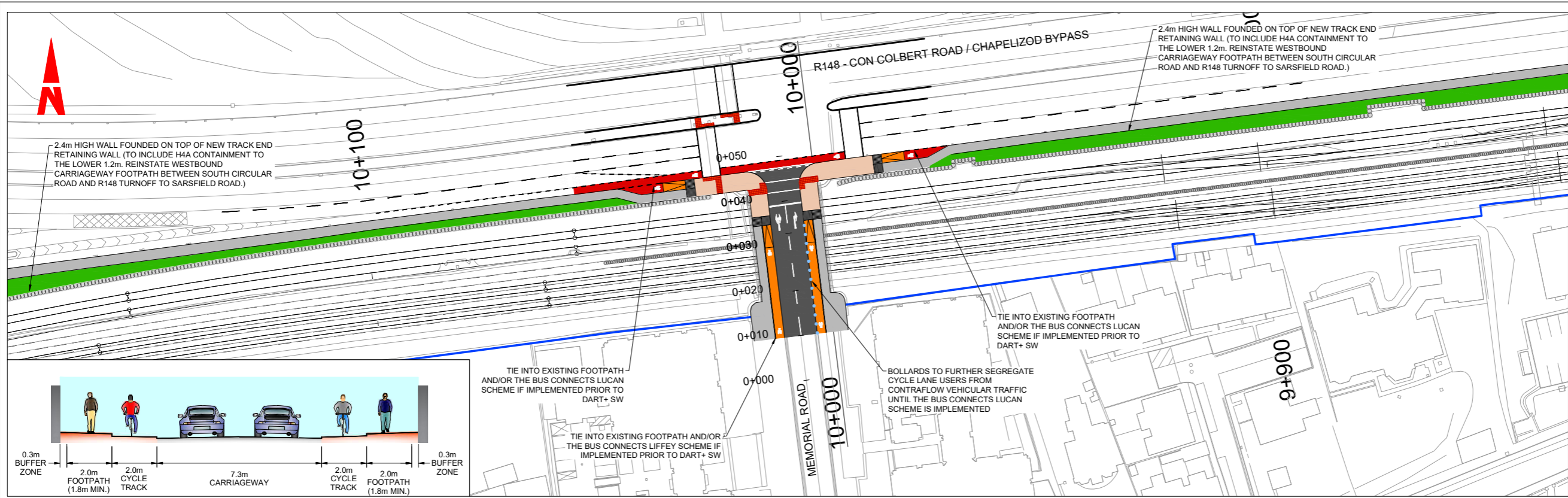
Engineering Designer: **ATKINS** (Member of the SNC Lavalin Group)

Supported by: **rps**

Date	15.10.21	Scale	1:100 @ A1 1:200 @ A3	Drawn	AOS	Checked	GOH	Approved	RM
Project Code	5199586	Issuer	TTA	QMS Code					

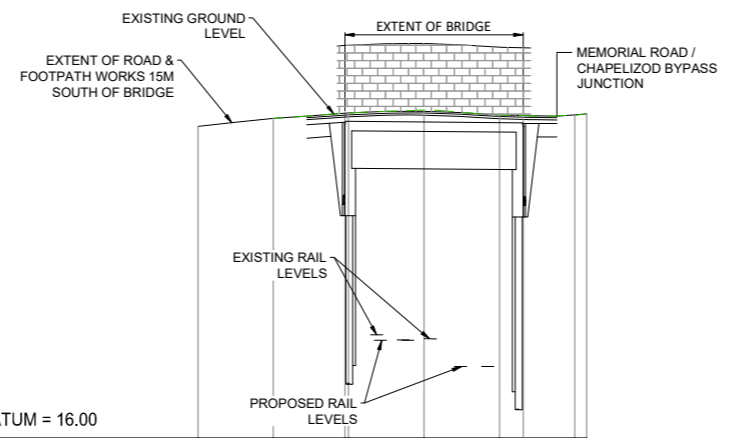
Project Title	<b>DART + SOUTH WEST</b>		
Drawing Title	<b>MEMORIAL ROAD BRIDGE (OBC3) GENERAL ARRANGEMENT</b>		
Drawing File Name	DP-04-23-DWG-RO-TTA-18932	Version	v01
Status	S3		

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



**TYPICAL CROSS SECTION AT STRUCTURE**  
Scale at A1 1:100  
Scale at A3 1:200

**PLAN - MEMORIAL ROAD / CON COLBERT ROAD JUNCTION**  
Scale at A1 1:500  
Scale at A3 1:1000



DATUM = 16.00

PROPOSED LEVELS	24.271	24.481	24.615 24.621	24.667	24.574 24.555	24.577 24.602
EXISTING LEVELS	24.271	24.481	24.622	24.703	24.573	24.568 24.602
LEVEL DIFFERENCE	0.000	0.000	-0.002	-0.036	0.001	0.010
HORIZONTAL	D=51.554					
VERTICAL						
CHAINAGE	0.000	10.000	20.000	30.000	40.000	50.000 51.554

**LONGITUDINAL SECTION - MEMORIAL ROAD BRIDGE (OBC3)**  
Scale at A1 1:500 Horizontal, 1:100 Vertical  
Scale at A3 1:1000 Horizontal, 1:200 Vertical

- LEGEND:**
- EXISTING CIÉ PROPERTY OWNERSHIP BOUNDARY
  - H4A CONTAINMENT
  - CARRIAGEWAY
  - PROPOSED FOOTPATH
  - PROPOSED SHARED SPACE
  - PROPOSED RAISED CYCLE TRACK / LANE
  - PROPOSED ON ROAD CYCLE LANE
  - PROPOSED TACTILE PAVING (CONTROLLED)
  - PROPOSED TACTILE PAVING (UNCONTROLLED)
  - PROPOSED GRASS VERGE
  - EXISTING GRASS VERGE TO BE RETAINED

- NOTES:**
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
  2. ALL LEVELS ARE IN METRES RELATIVE TO NATIONAL ORDNANCE DATUM UNLESS NOTED OTHERWISE.
  3. CHAINAGES ARE EXPRESSED IN METERS.
  4. ALL ANGLES ARE IN DEGREES (0°360°) UNLESS NOTED OTHERWISE.
  5. DIMENSIONS ARE NOT TO BE SCALED FROM THE DRAWING.

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



Rev	Date	Drn	Chk'd	App'd	Description
v01	10.11.22	DB	JX	JAP	PLANNING ISSUE

Client <b>Iarnród Éireann Irish Rail</b>		Engineering Designer <b>ATKINS</b> Member of the SNC Lavalin Group		Project Title <b>DART + SOUTH WEST</b>	
Date 28.04.22	Scale AS SHOWN @ A1 AS SHOWN @ A3	Drawn DB	Checked JX	Approved JAP	Drawing Title <b>MEMORIAL ROAD BRIDGE (OBC3) ROAD PLAN, PROFILE AND SECTION</b>
Project Code 5199586	Issuer TTA	QMS Code		Drawing File Name DP-04-23-DWG-RO-TTA-18973	Version v01

Status S3	
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