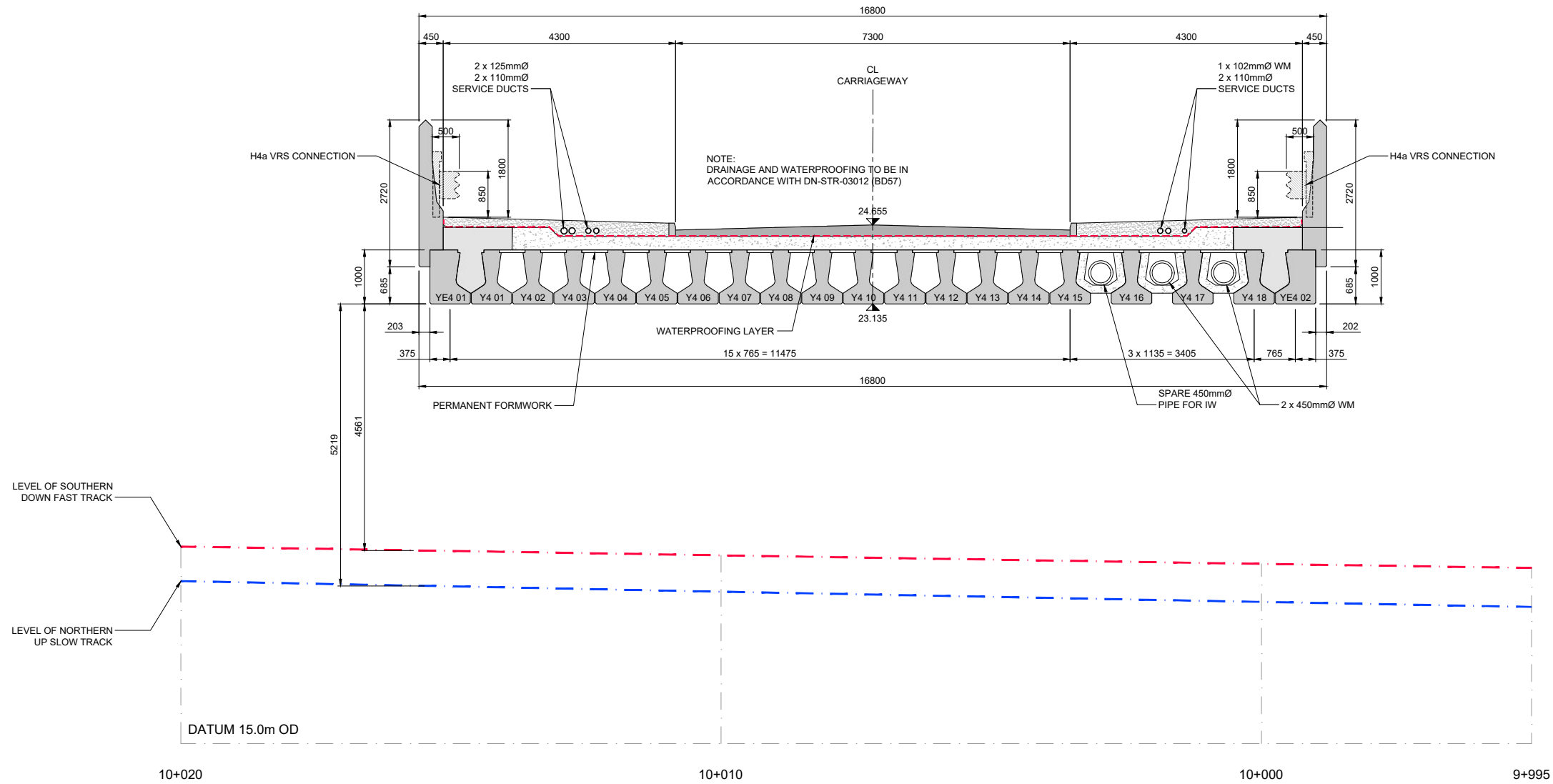


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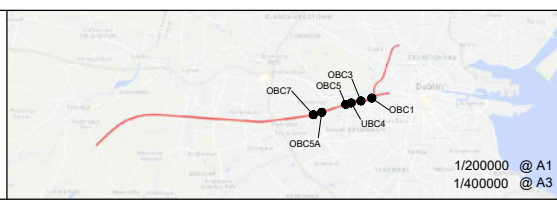
1. All dimensions are in millimetres unless noted otherwise
2. All levels are in metres relative to National Ordnance Datum unless noted otherwise
3. Chainages are expressed in metres
4. All angles are in degrees (0°-360°) unless noted otherwise
5. Dimensions are not to be scaled from the drawings



C
18933 **CROSS SECTION**

V:\5199586\Cork\6 Dwg\Graphics\61 AutoCad\Tranche3\DP-04-23-DWG-RO-TTA-18935.dwg

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

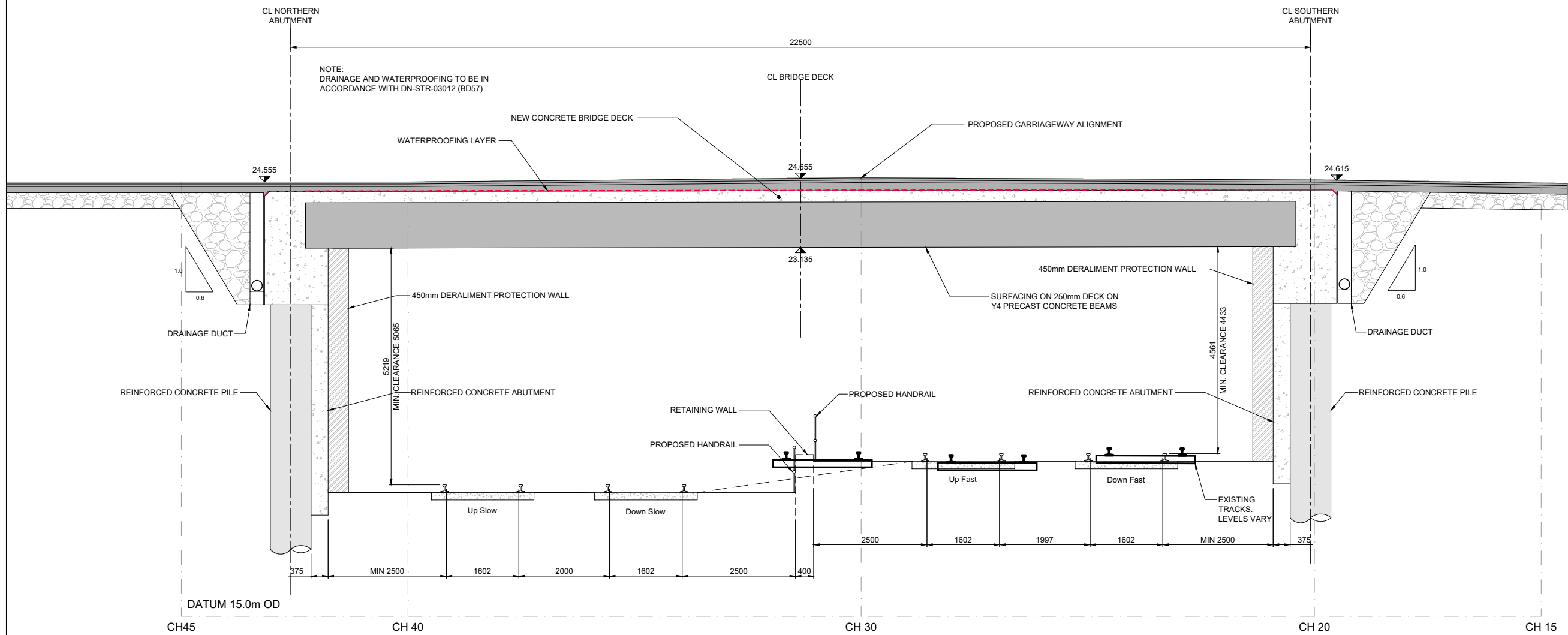
Client Iarnród Éireann Irish Rail		Engineering Designer ATKINS TYPSPA Member of the SNC Lavalin Group	
Date 15.10.21	Scale 1:50 @ A1 1:100 @ A3	Drawn AOS	Checked GOH
Project Code 5199586	Issuer TTA	Approved RM	QMS Code

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

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

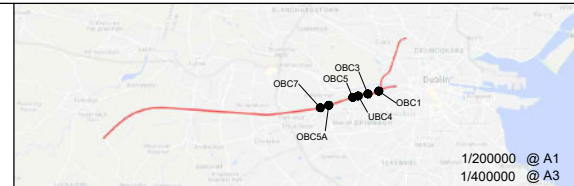
DRAWING NOTES:

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



A
18933
LONGITUDINAL SECTION

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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 TYPSA Member of the SNC Lavalin Group	
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 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

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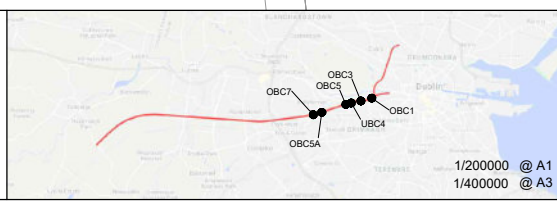


- DRAWING NOTES:**
1. All dimensions are in millimetres unless noted otherwise
 2. All levels are in metres relative to National Ordnance Datum unless noted otherwise
 3. Chainages are expressed in metres
 4. All angles are in degrees (0°-360°) unless noted otherwise
 5. Dimensions are not to be scaled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

LEGEND:
 CIÉ Land Ownership

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

Client

Date: 15.10.21
 Project Code: 5199586

Engineering Designer

 TYPESA
 Member of the SNC Lavalin Group
 Supported by

Drawn: AOS
 Checked: GOH
 Approved: RM

QMS Code

Project Title
DART + SOUTH WEST

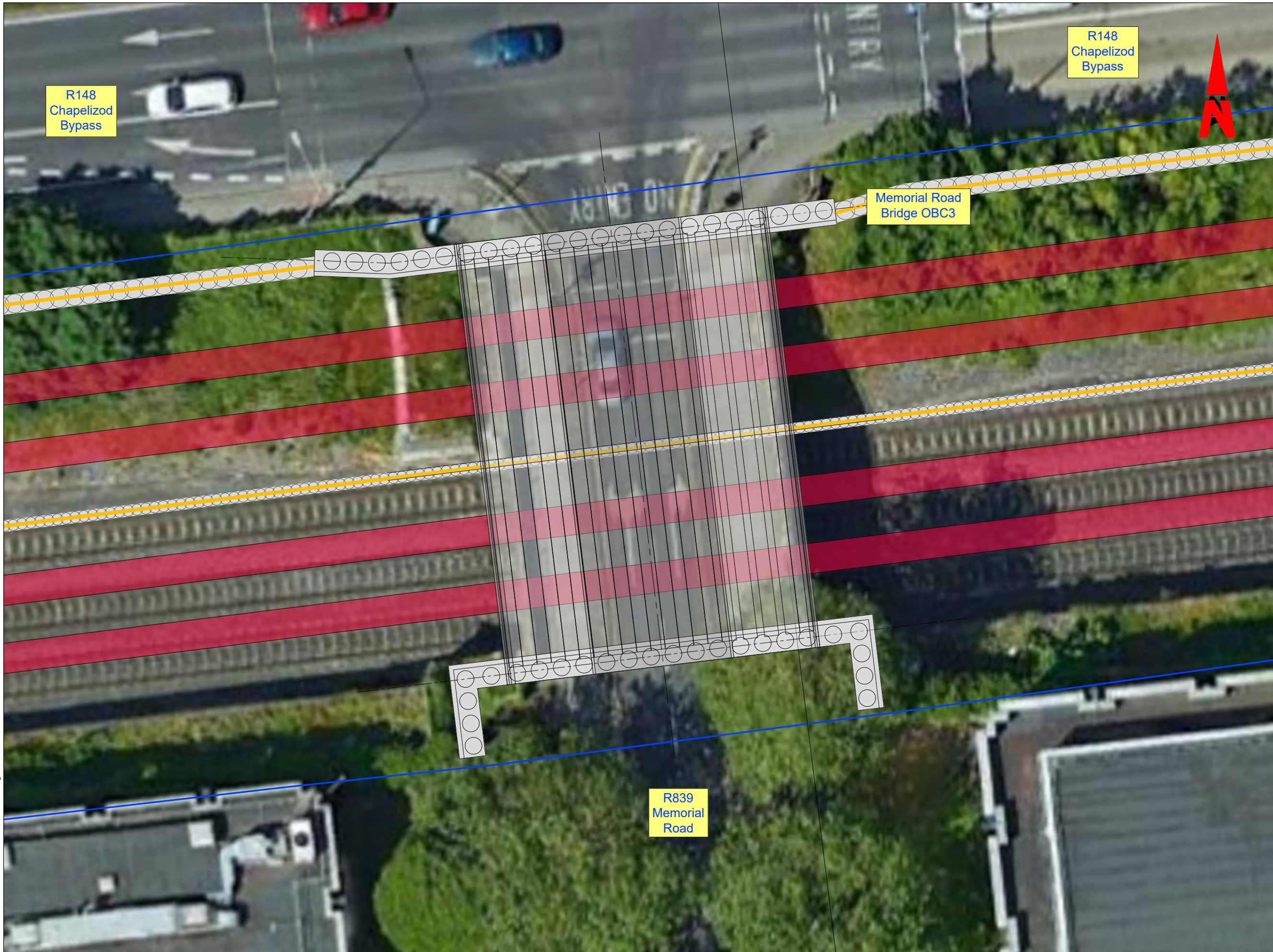
Drawing Title
**MEMORIAL ROAD BRIDGE (OBC3)
 BRIDGE DECK PLAN**

Drawing File Name
 DP-04-23-DWG-RO-TTA-18933

Version
 v01

Status
 S3

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



R148
Chapelizod
Bypass

R148
Chapelizod
Bypass

Memorial Road
Bridge OBC3

R839
Memorial
Road

DRAWING NOTES:

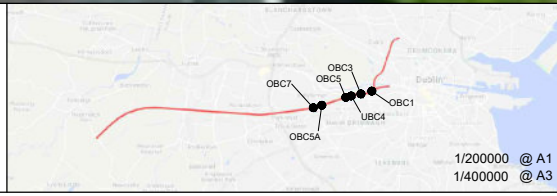
1. All dimensions are in millimetres unless noted otherwise
2. All levels are in metres relative to National Ordnance Datum unless noted otherwise
3. Chainages are expressed in metres
4. All angles are in degrees (0°-360°) unless noted otherwise
5. Dimensions are not to be scaled from the drawings
6. 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

V:\5198686_Cork\6 Dwggs-Graphica\61 Autocad\Tranche3\DP-04-23-DWG-RO-TTA-18932.dwg

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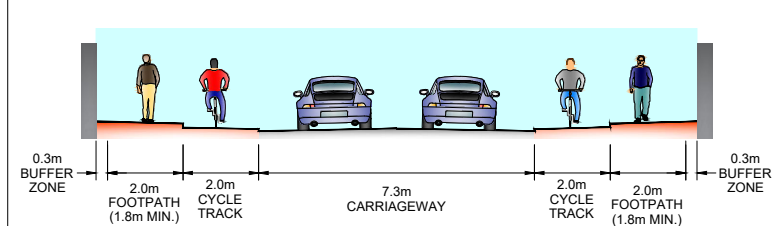
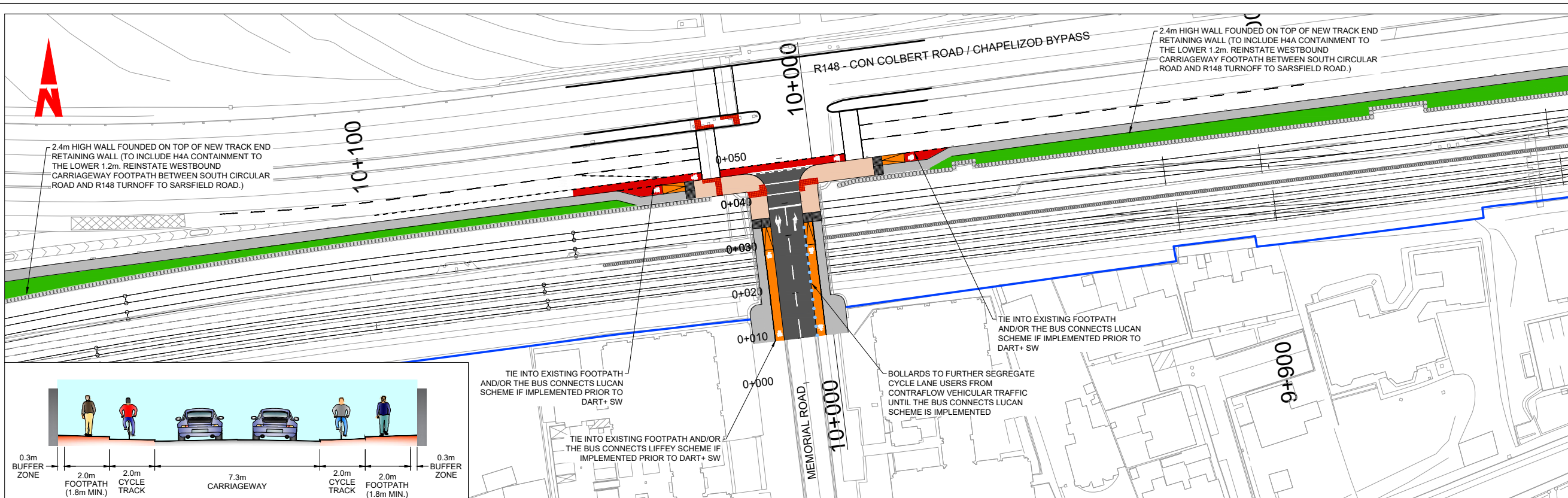


Rev	Date	Dm	Chk'd	App'd	Description
v01	10.11.22	AOS	GOH	RM	PLANNING ISSUE

Client Iarnród Éireann Irish Rail		Engineering Designer ATKINS Supported by rps	
Date 15.10.21	Scale 1:100 @ A1 1:200 @ A3	Drawn AOS	Checked GOH
Project Code 5199586	Issuer TTA	Approved RM	QMS Code

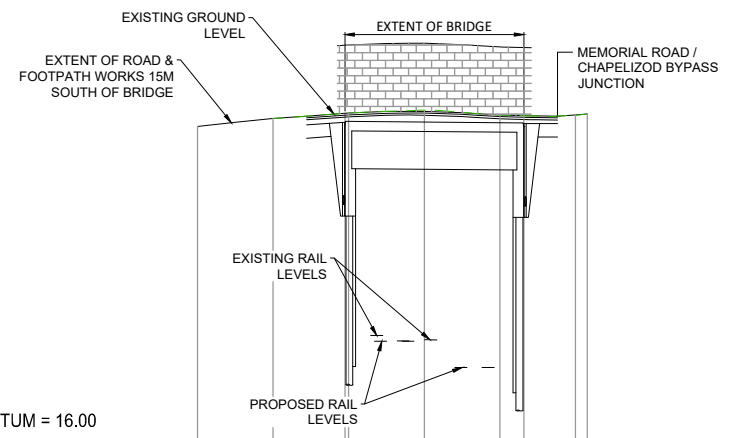
Project Title DART + SOUTH WEST	
Drawing Title MEMORIAL ROAD BRIDGE (OBC3) GENERAL ARRANGEMENT	
Drawing File Name DP-04-23-DWG-RO-TTA-18932	Version v01
Status S3	

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	24.481	24.481	24.622	24.703	24.573	24.608 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 ORDINANCE 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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Rev	Date	Drn	Chk'd	App'd	Description
v01	10.11.22	DB	JX	JAP	PLANNING ISSUE

Client: **Iarnród Éireann Irish Rail**

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

Supported by: **rps**

Date: 28.04.22 | Scale: AS SHOWN @ A1, AS SHOWN @ A3

Project Code: 5199586 | Issuer: TTA

Drawn: DB | Checked: JX | Approved: JAP

QMS Code: _____

Project Title: **DART + SOUTH WEST**

Drawing Title: **MEMORIAL ROAD BRIDGE (OBC3) ROAD PLAN, PROFILE AND SECTION**

Drawing File Name: DP-04-23-DWG-RO-TTA-18973 | Version: v01 | Status: S3

DO NOT SCALE USE FIGURED DIMENSIONS ONLY