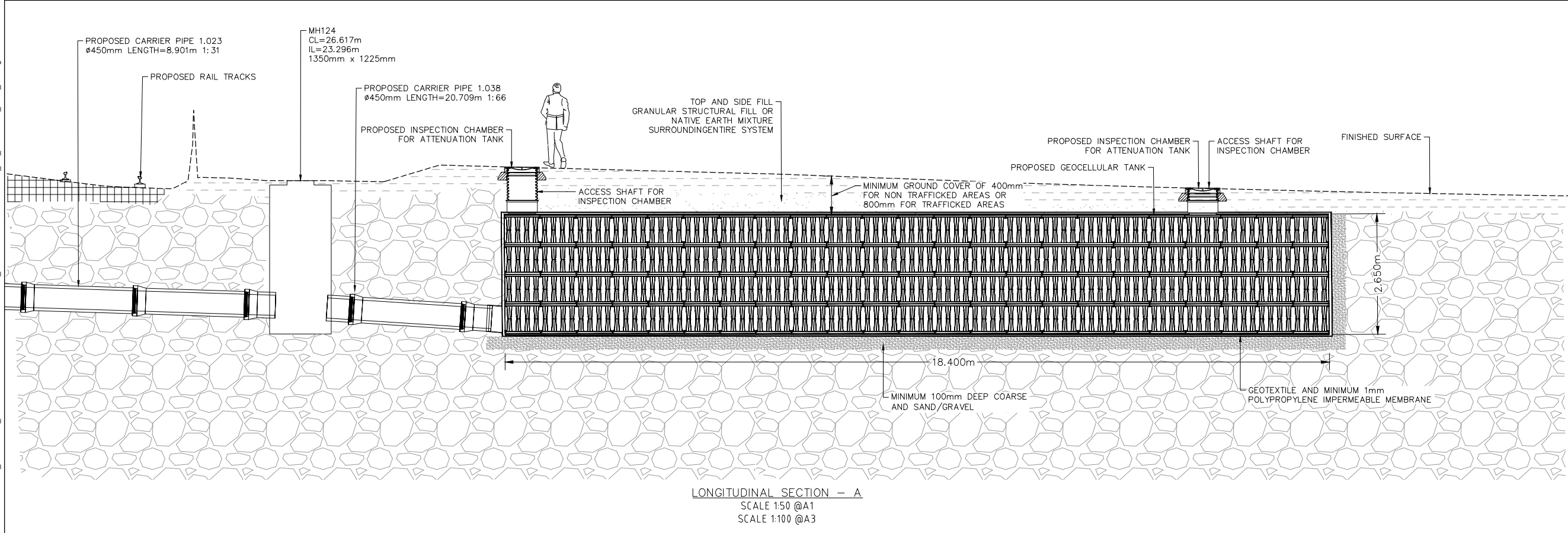
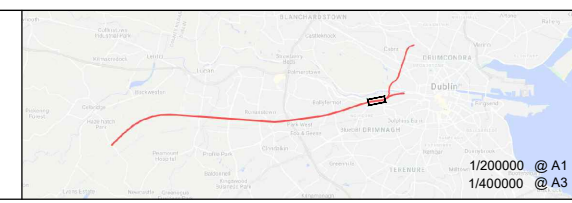


- LEGEND:**
- PROPOSED CARRIER PIPE
  - PROPOSED CIRCULAR MANHOLE
  - PROPOSED RECTANGULAR MANHOLE
  - PROPOSED TANK INSPECTION CHAMBER
  - PROPOSED ATTENUATION TANK
- NOTES:**
1. DESIGN IS BASED ON TOPOGRAPHICAL SURVEY QT-94577-DART-SOUTHWEST SECTION\_01 TO 10 (DWG FORMAT) IN ITM COORDINATES.
  2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS STATED OTHERWISE.
  3. ALL LEVELS ARE IN METERS RELATIVE TO NATIONAL ORDINANCE DATUM UNLESS NOTED OTHERWISE.
  4. DIMENSIONS ARE NOT TO BE SCALED FROM THE DRAWING.
  5. PROPOSED DISCHARGE RATES AND OUTFALL LOCATIONS ARE SUBJECT TO DUBLIN CITY COUNCIL APPROVAL.



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Rev	Date	Drn	Chk'd	App'd	Description
v01	23/11/2022	MA	AB	JP	PLANNING ISSUE

**Client**  
Iarnród Éireann  
Irish Rail

**Engineering Designer**  
ATKINS  
TYPSPA  
Member of the SNC Lavalin Group

**Supported by**  
RPS

**Date** 23/11/2022  
**Scale** AS SHOWN @A1 @A3  
**Project Code** 5199586  
**Issuer** TTA

**Drawn** MA  
**Checked** AB  
**Approved** JP

**QMS Code**

<b>Project Title</b> DART + SOUTH WEST	<b>Drawing Title</b> ATTENUATION TANK FOR DRAINAGE NETWORK 2
<b>Drawing File Name</b> DP-04-23-DWG-RO-TTA-18867	<b>Version</b> v01 <b>Status</b> S3

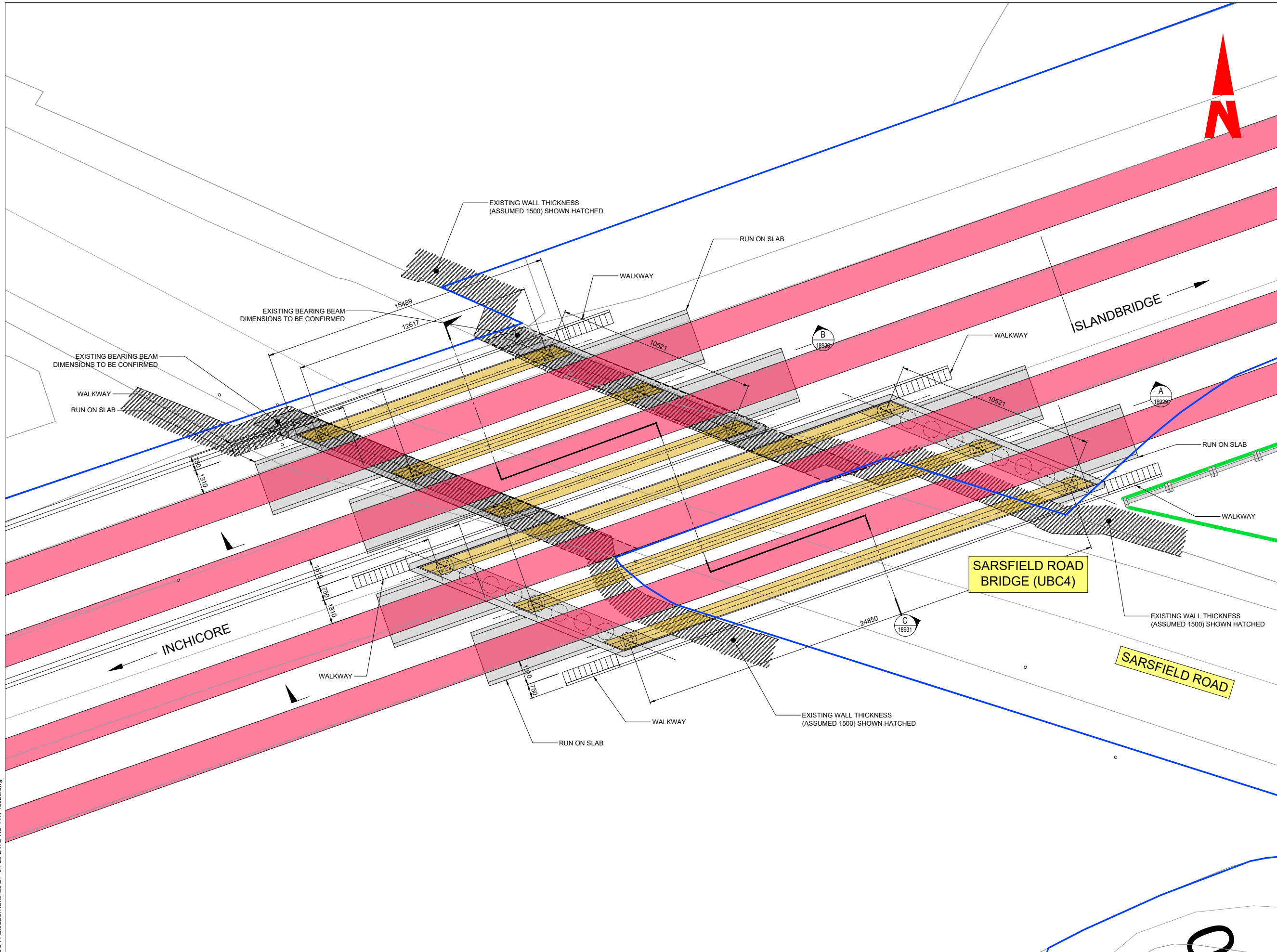
DO NOT SCALE USE FIGURED DIMENSIONS ONLY

**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

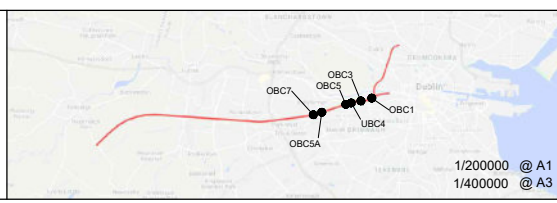
**LEGEND:**

— CIÉ Land Ownership



V:\5199586\Cork\6 Dwg\Graphics\61 AutoCad\Tranche3\DP-04-23-DWG-RO-TTA-18928.dwg

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

Client <b>Irish Rail</b>		Engineering Designer <b>ATKINS</b>	
Date 15.10.21	Scale 1:100 @ A1 1:200 @ A3	Drawn AOS	Checked GOH
Project Code 5199586	Issuer TTA	Approved RM	QMS Code

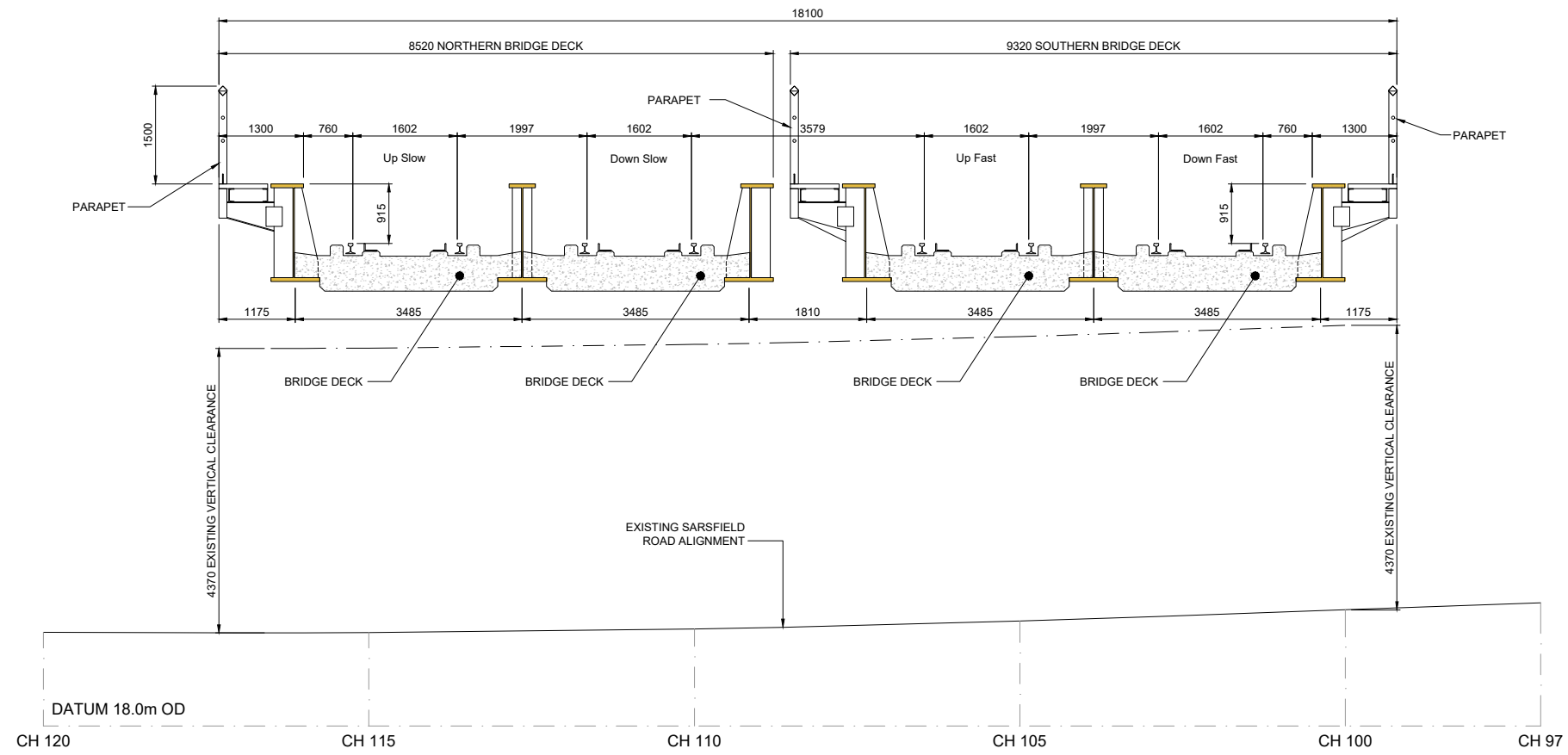
Project Title <b>DART + SOUTH WEST</b>	
Drawing Title <b>SARSFIELD ROAD BRIDGE (UBC4) BRIDGE DECK PLAN</b>	
Drawing File Name DP-04-23-DWG-RO-TTA-18928	Version v01
Status S3	

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



**DRAWING NOTES:**

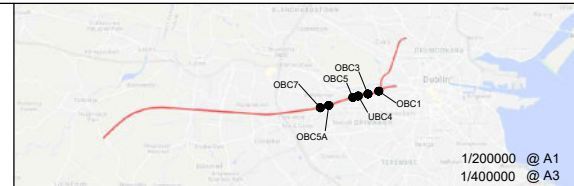
1. All dimensions are in millimetres unless noted otherwise
2. All levels are in metres relative to National Ordnance Datum unless noted otherwise
3. Chainages are expressed in metres
4. All angles are in degrees (0°-360°) unless noted otherwise
5. Dimensions are not to be scaled from the drawings



**C**  
18928  
**CROSS SECTION**

V:\15199586\Cork\6 Dwg\Graphics\61 AutoCad\Tranches\DP-04-23-DWG-RO-TTA-18931.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  
 Supported by: **FPS**

Project Title <b>DART + SOUTH WEST</b>	
Drawing Title <b>SARSFIELD ROAD BRIDGE (UBC4) BRIDGE DECKS CROSS SECTIONS</b>	
Date 15.10.21	Scale 1:50 @ A1 1:100 @ A3
Drawn AOS	Checked GOH
Approved RM	QMS Code
Project Code 5199586	Issuer TTA
Drawing File Name DP-04-23-DWG-RO-TTA-18931	Version v01
Status S3	

DO NOT SCALE USE FIGURED DIMENSIONS ONLY





**DRAWING NOTES:**

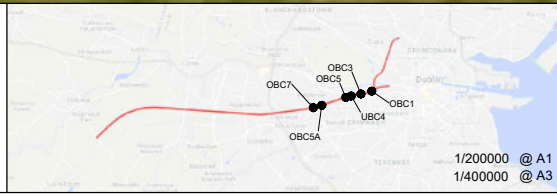
1. All dimensions are in millimetres unless noted otherwise
2. All levels are in metres relative to National Ordnance Datum unless noted otherwise
3. Chainages are expressed in metres
4. All angles are in degrees (0°-360°) unless noted otherwise
5. Dimensions are not to be scaled from the drawings
6. 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:\15199586\Cork\6 Dwg\Graphics\61\_AutoCad\Tramch3\DP-04-23-DWG-RO-TTA-18927.dwg

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

Client <b>Irish Rail</b>		Engineering Designer <b>ATKINS</b>	
Date 15.10.21	Scale 1:100 @ A1 1:200 @ A3	Drawn AOS	Checked GOH
Project Code 5199586	Issuer TTA	Approved RM	QMS Code

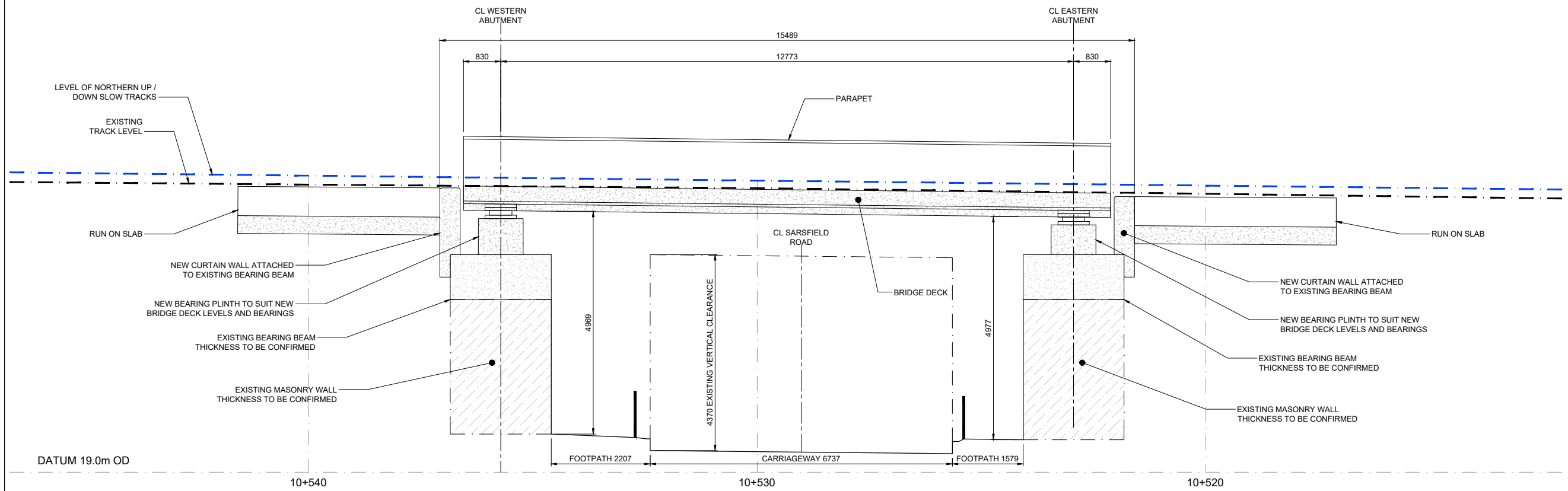
Project Title <b>DART + SOUTH WEST</b>	
Drawing Title <b>SARSFIELD ROAD BRIDGE (UBC4) GENERAL ARRANGEMENT</b>	
Drawing File Name DP-04-23-DWG-RO-TTA-18927	Version v01
Status S3	

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



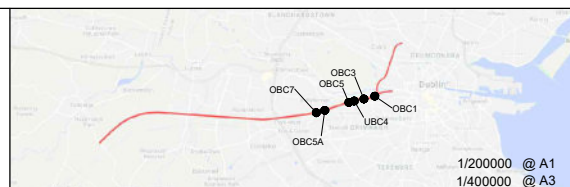
**DRAWING NOTES:**

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



**B** LONGITUDINAL SECTION  
18928

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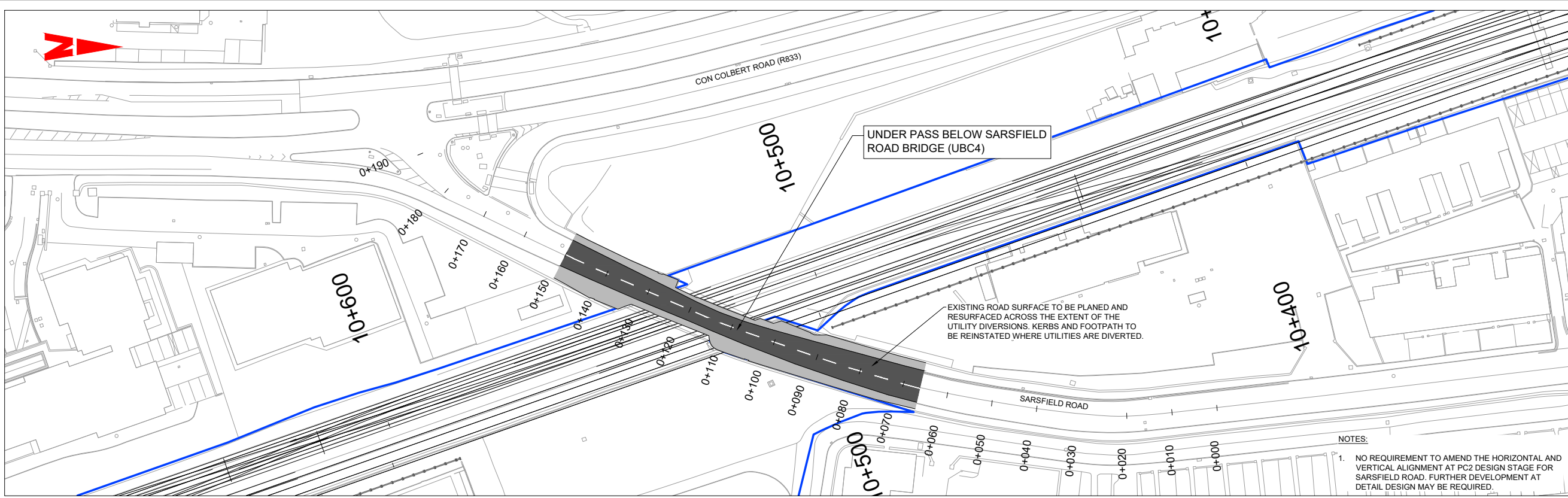


Rev	Date	Dm	Chk'd	App'd	Description
v01	10.11.22	AOS	GOH	RM	PLANNING ISSUE

Client <b>Iarnród Éireann Irish Rail</b>		Engineering Designer <b>ATKINS</b> Supported by <b>TYPESA</b> and <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>SARSFIELD ROAD BRIDGE (UBC4) NORTHERN BRIDGE DECK LONGITUDINAL SECTION</b>	
Drawing File Name DP-04-23-DWG-RO-TTA-18930	Version v01
Status S3	

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



- 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 (°/360°) UNLESS NOTED OTHERWISE.
  5. DIMENSIONS ARE NOT TO BE SCALED FROM THE DRAWING.

**NOTES:**

1. NO REQUIREMENT TO AMEND THE HORIZONTAL AND VERTICAL ALIGNMENT AT PC2 DESIGN STAGE FOR SARSFIELD ROAD. FURTHER DEVELOPMENT AT DETAIL DESIGN MAY BE REQUIRED.

**PLAN - SARSFIELD ROAD - UNDERBRIDGE**

Scale at A1 1:500  
Scale at A3 1:1000

