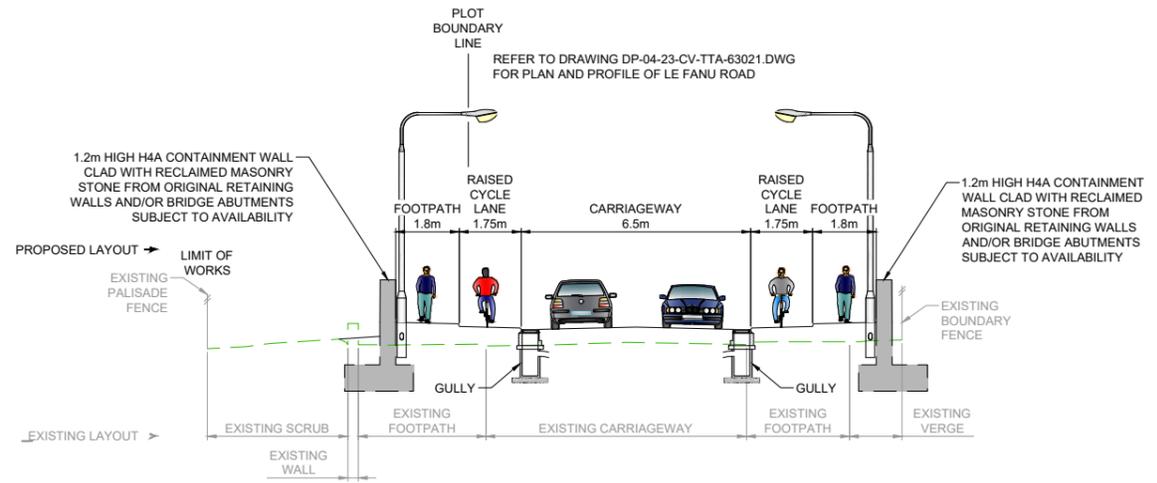
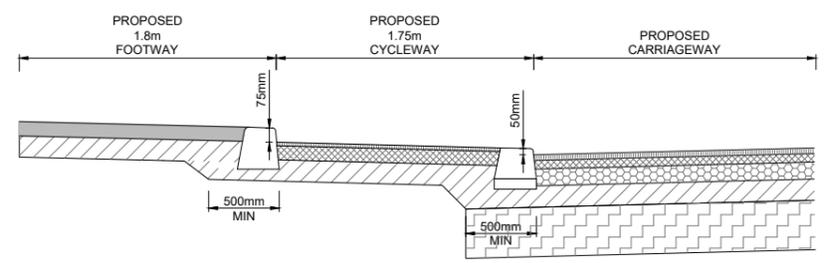


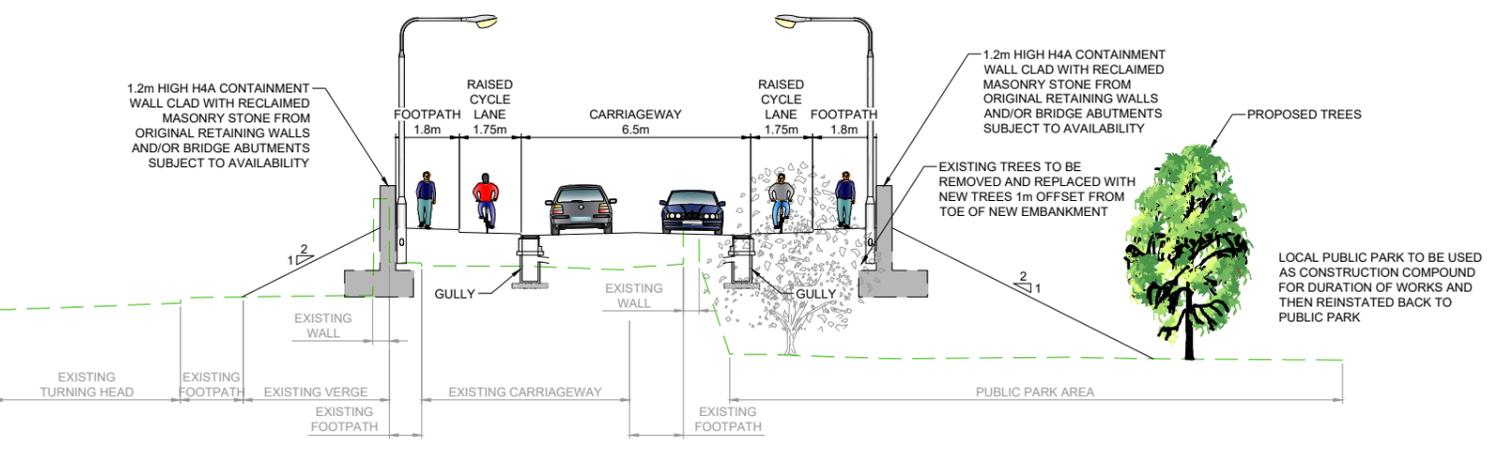
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LE FANU - TYPICAL CROSS SECTION - Ch. 90
 Scale at A1 1:100
 Scale at A3 1:200



TYPICAL NON-TRAFFICKED FOOTWAY/CYCLEWAY RAISED ADJACENT ARRANGEMENT
 N.T.S.



LE FANU - TYPICAL CROSS SECTION - Ch. 140
 Scale at A1 1:100
 Scale at A3 1:200

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

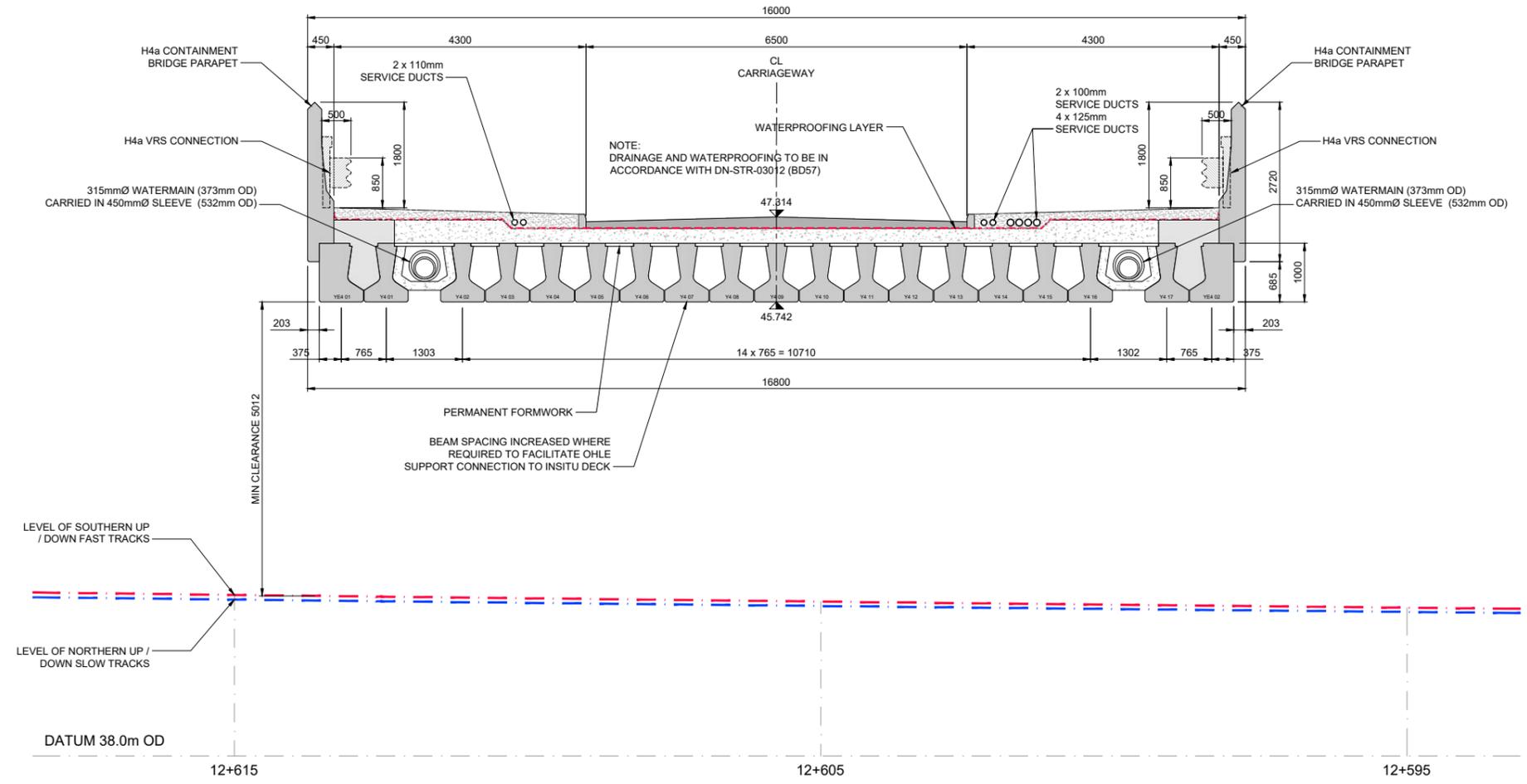
Client Irish Rail		Engineering Designer ATKINS	
Date 28.04.22	Scale AS SHOWN @ A1 AS SHOWN @ A3	Drawn DB	Checked JX
Project Code 5199586	Issuer TTA	Approved JAP	QMS Code

Project Title DART + SOUTH WEST	
Drawing Title LE FANU ROAD BRIDGE (OBC7) APPROACH CROSS SECTIONS	
Drawing File Name DP-04-23-DWG-RO-TTA-18978	Version v01 Status S3

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

DRAWING NOTES:

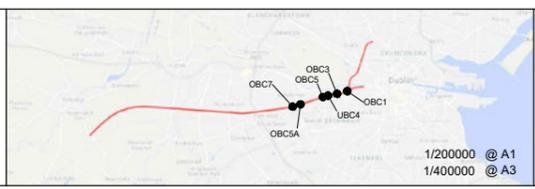
1. All dimensions are in millimetres unless noted otherwise
2. All levels are in metres relative to National Ordnance Datum unless noted otherwise
3. Chainages are expressed in metres
4. All angles are in degrees (0°-360°) unless noted otherwise
5. Dimensions are not to be scaled from the drawings



B
18916 CROSS SECTION

V:\5198586 Cork\16 Dwg\Graphics\611 AutoCad\Tranche3\DP-04-23-DWG-RO-TTA-18916.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

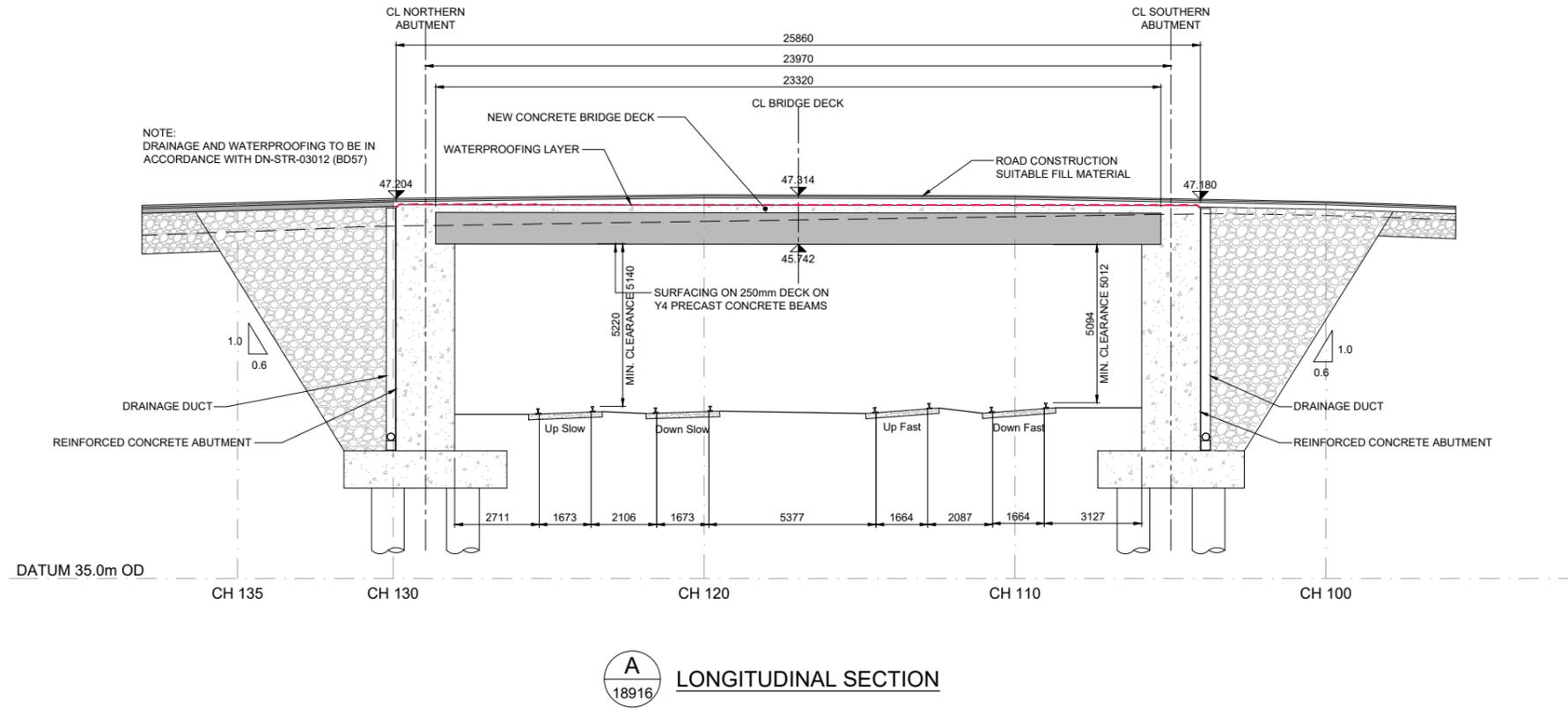
Engineering Designer
ATKINS
 TYPESA Member of the SNC Lavalin Group
 Supported by: **FPS**

Project Title DART + SOUTH WEST	
Drawing Title LE FANU ROAD BRIDGE (OBC7) BRIDGE DECK CROSS SECTION	
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-18918	Version v01
Status S3	

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

DRAWING NOTES:

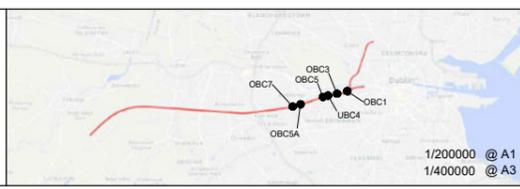
1. All dimensions are in millimetres unless noted otherwise
2. All levels are in metres relative to National Ordnance Datum unless noted otherwise
3. Chainages are expressed in metres
4. All angles are in degrees (0°-360°) unless noted otherwise
5. Dimensions are not to be scaled from the drawings



A
18916 **LONGITUDINAL SECTION**

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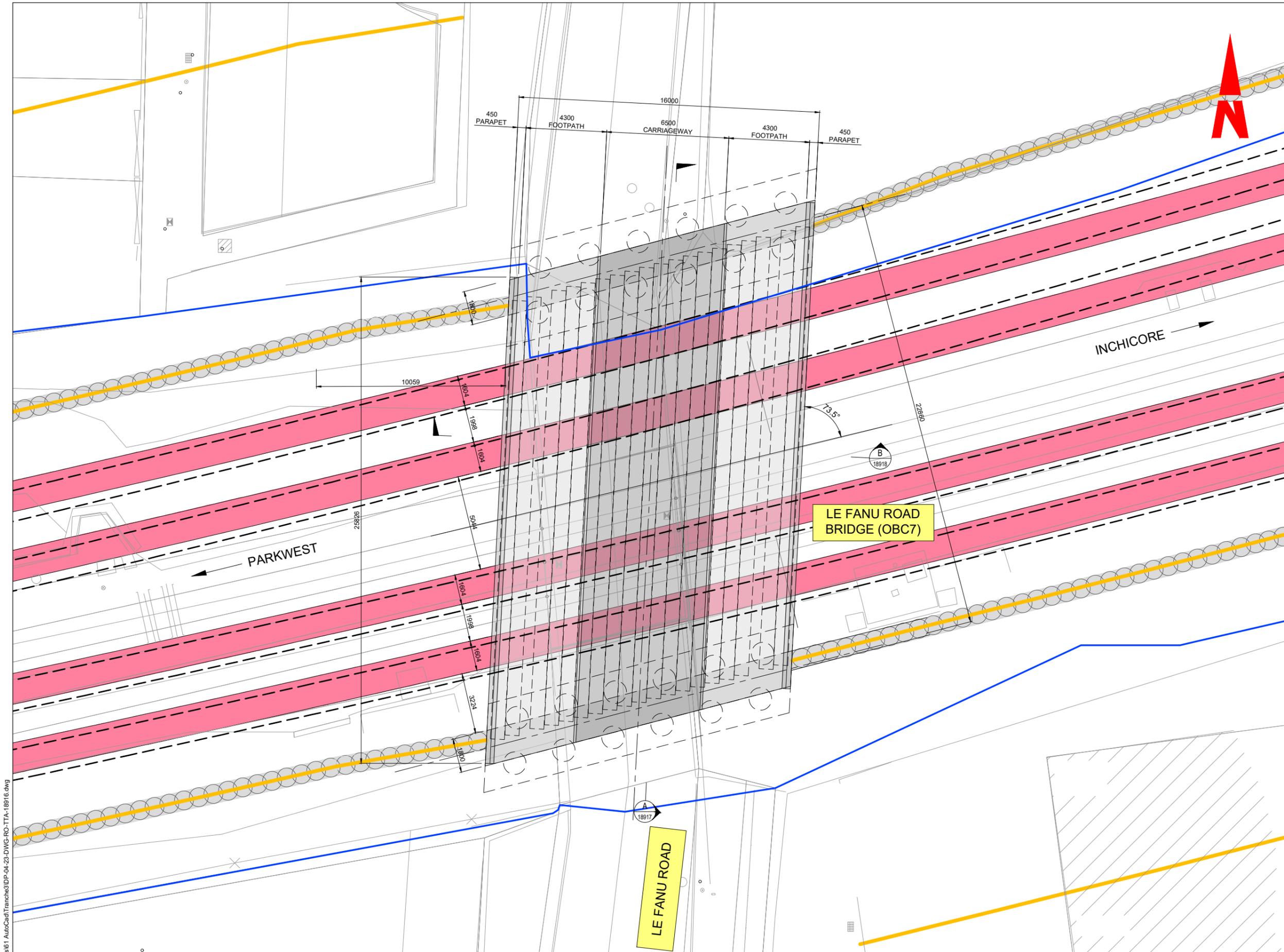


Rev	Date	Drn	Chk'd	App'd	Description
v01	10.11.22	AOS	GOH	RM	PLANNING ISSUE

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

Project Title		DART + SOUTH WEST	
Drawing Title		LE FANU ROAD BRIDGE (OBC7) BRIDGE DECK LONGITUDINAL SECTION	
Drawing File Name	DP-04-23-DWG-RO-TTA-18917	Version	v01
Status	S3		

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



DRAWING NOTES:

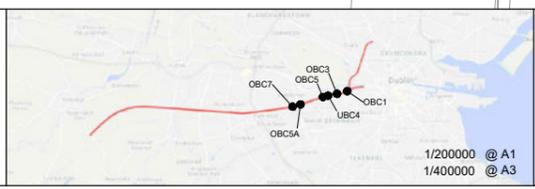
1. All dimensions are in millimetres unless noted otherwise
2. All levels are in metres relative to National Ordnance Datum unless noted otherwise
3. Chainages are expressed in metres
4. All angles are in degrees (0°-360°) unless noted otherwise
5. Dimensions are not to be scaled from the drawings

LEGEND:

— CIÉ Land Ownership

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 All elevations are in metres and relate to OSi Geoid Model (OSGM02) Mean Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).



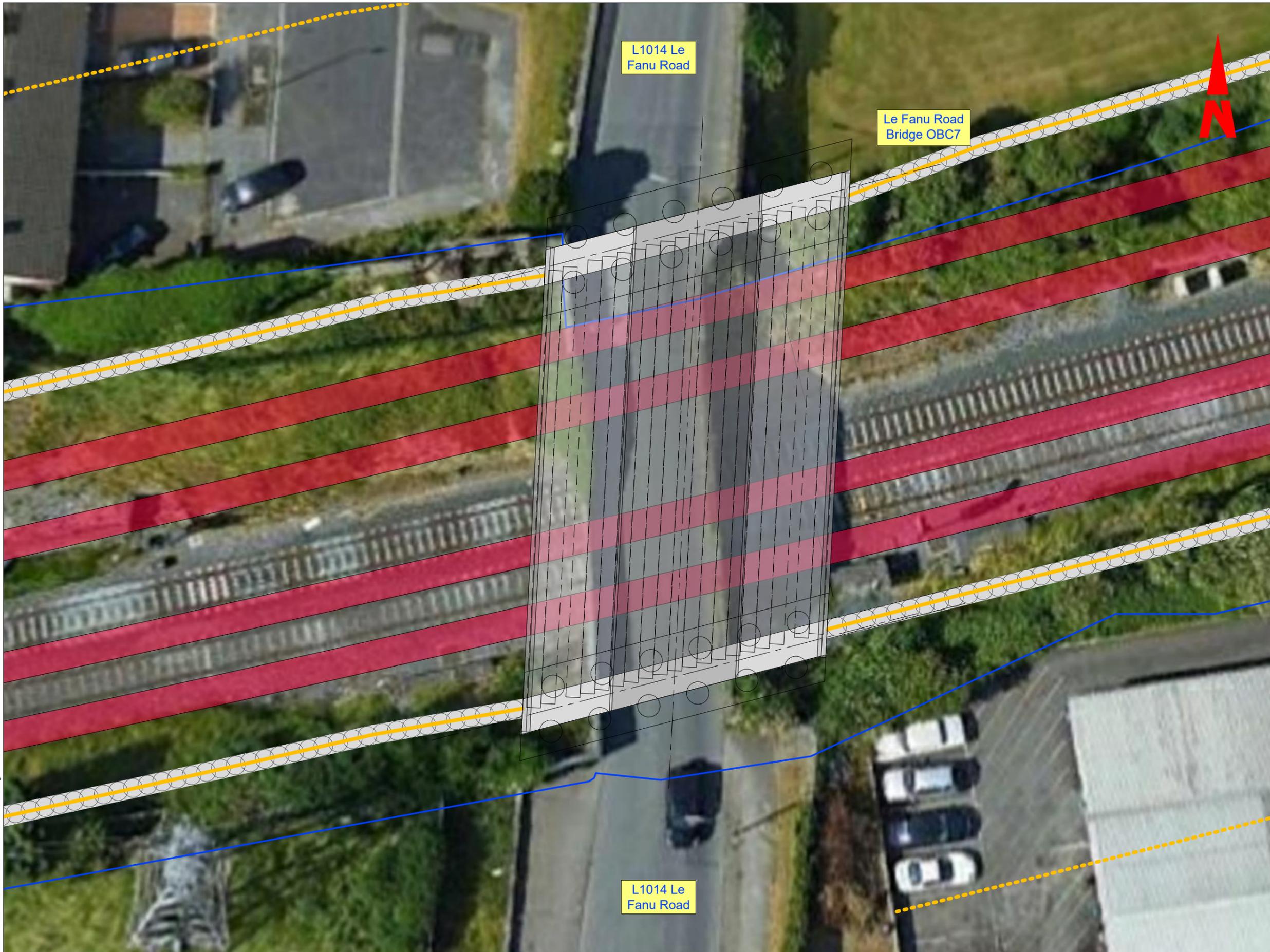
Rev	Date	Drn	Chk'd	App'd	Description
v01	10.11.22	AOS	GOH	RM	PLANNING ISSUE

Client
Iarnród Éireann
 Irish Rail

Engineering Designer
ATKINS
 TYPESA Member of the SNC Lavalin Group
 Supported by: **FPS**

Project Title		DART + SOUTH WEST	
Drawing Title		LE FANU ROAD BRIDGE (OBC7) BRIDGE DECK PLAN	
Date	Scale	Drawn	Checked
15.10.21	1:100 @ A1 1:200 @ A3	AOS	GOH
Project Code	Issuer	QMS Code	Approved
5199586	TTA		RM
Drawing File Name	Version	Status	
DP-04-23-DWG-RO-TTA-18916	v01	S3	

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



DRAWING NOTES:

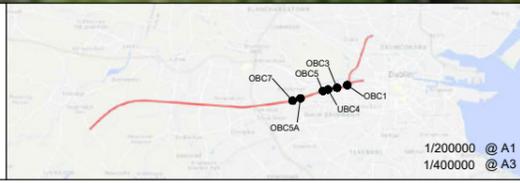
1. All dimensions are in millimetres unless noted otherwise
2. All levels are in metres relative to National Ordnance Datum unless noted otherwise
3. Chainages are expressed in metres
4. All angles are in degrees (0°-360°) unless noted otherwise
5. Dimensions are not to be scaled from the drawings
6.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

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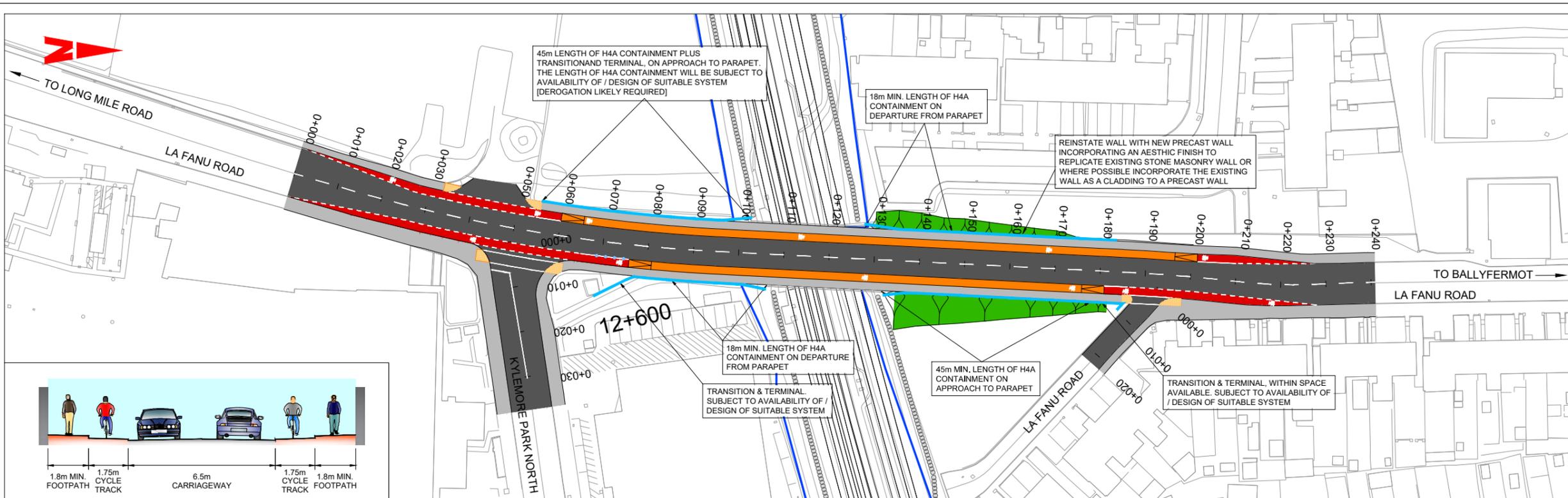


Rev	Date	Drm	Chk'd	App'd	Description
v01	10.11.22	AOS	GOH	RM	PLANNING ISSUE

Client Iarnród Éireann Irish Rail		Engineering Designer ATKINS Supported by TYPESA and rps	
Date 15.10.21	Scale 1:125 @ A1 1:250 @ A3	Drawn AOS	Checked GOH
Project Code 5199586	Issuer TTA	Approved RM	QMS Code

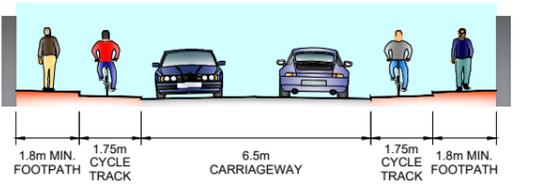
Project Title DART + SOUTH WEST	
Drawing Title LE FANU ROAD BRIDGE (OBC7) GENERAL ARRANGEMENT	
Drawing File Name DP-04-23-DWG-RO-TTA-18915	Status S3
Version v01	

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



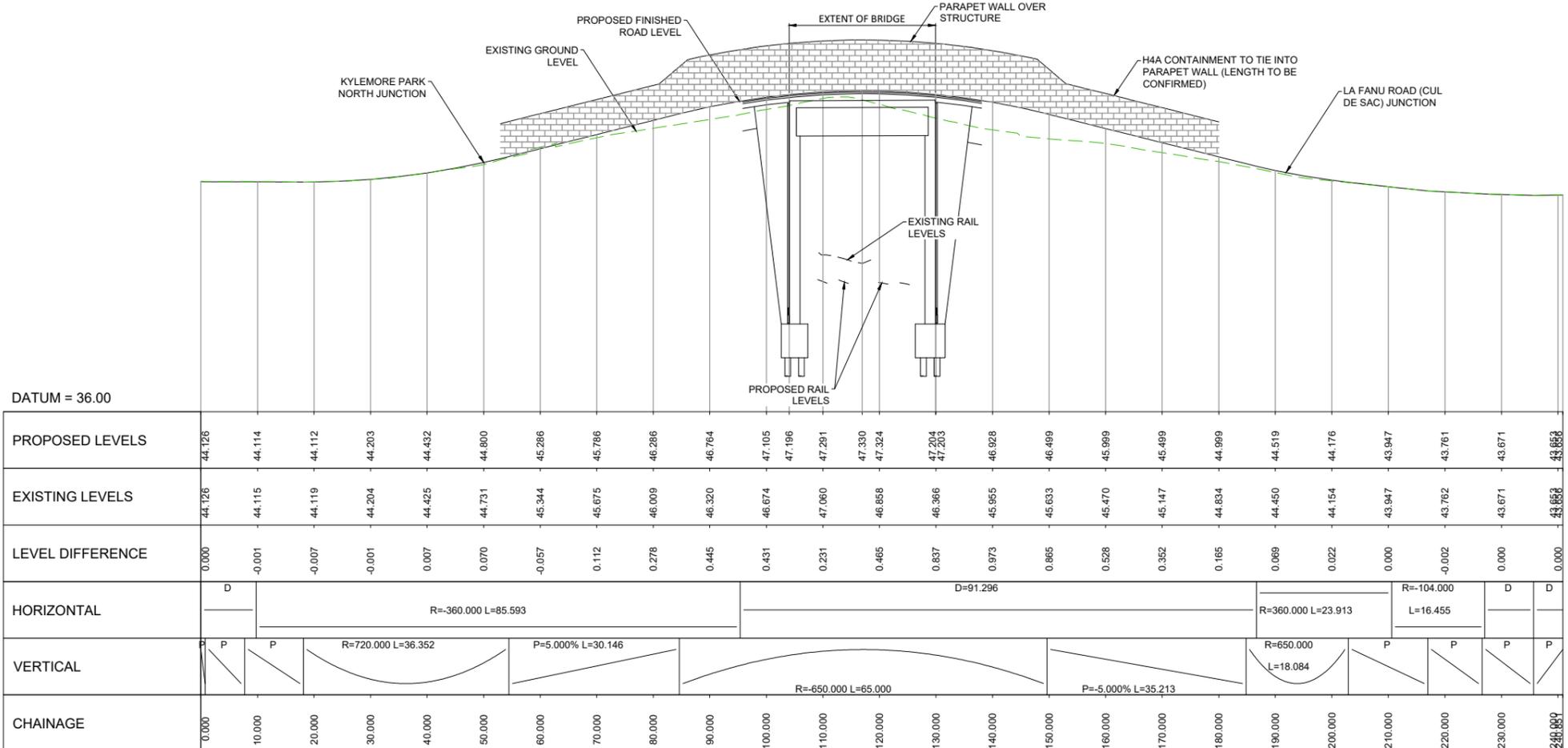
- LEGEND:**
- EXISTING CIÉ PROPERTY OWNERSHIP BOUNDARY
 - H4A CONTAINMENT
 - CARRIAGEWAY
 - PROPOSED FOOTPATH
 - PROPOSED SHARED SPACE
 - PROPOSED RAISED CYCLE TRACK / LANE
 - PROPOSED ON ROAD CYCLE LANE
 - PROPOSED TACTILE PAVING (CONTROLLED)
 - PROPOSED TACTILE PAVING (UNCONTROLLED)
 - PROPOSED GRASS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



TYPICAL CROSS SECTION
Scale at A1 1:100
Scale at A3 1:200

PLAN - LA FANU ROAD - OVERBRIDGE
Scale at A1 1:500
Scale at A3 1:1000



LONGITUDINAL SECTION - LA FANU ROAD BRIDGE (OBC7)
Scale at A1 1:500 Horizontal, 1:100 Vertical
Scale at A3 1:1000 Horizontal, 1:200 Vertical

	0+000	0+100	0+200	0+300	0+400	0+500	0+600	0+700	0+800	0+900	0+1000	0+1100	0+1200	0+1300	0+1400	0+1500	0+1600	0+1700	0+1800	0+1900	0+2000	0+2100	0+2200	0+2300	0+2400				
PROPOSED LEVELS	44.126	44.114	44.112	44.203	44.432	44.800	45.286	45.786	46.286	46.764	47.105	47.196	47.291	47.330	47.324	47.204	47.203	46.928	46.499	45.999	45.499	44.999	44.519	44.176	43.947	43.761	43.671	43.658	
EXISTING LEVELS	44.126	44.115	44.119	44.204	44.425	44.731	45.344	45.675	46.009	46.320	46.674	47.060	46.858	46.366	45.955	45.633	45.470	45.147	44.834	44.450	44.154	43.947	43.762	43.671	43.671	43.658	43.658		
LEVEL DIFFERENCE	0.000	-0.001	-0.007	-0.001	0.007	0.070	-0.057	0.112	0.278	0.445	0.431	0.231	0.465	0.837	0.973	0.865	0.528	0.352	0.165	0.069	0.022	0.000	-0.002	0.000	0.000	0.000			
HORIZONTAL	R=360.000 L=85.593										D=91.296										R=360.000 L=23.913					R=104.000 L=16.455		D	D
VERTICAL	P	P	R=720.000 L=36.352			P=5.000% L=30.146			R=650.000 L=65.000							P=-5.000% L=35.213		R=650.000 L=18.084		P	P	P	P						
CHAINAGE	0.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	120.000	130.000	140.000	150.000	160.000	170.000	180.000	190.000	200.000	210.000	220.000	230.000	240.000	250.000	260.000		

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

Client

Engineering Designer

Project Title
DART + SOUTH WEST

Drawing Title
**LE FANU ROAD BRIDGE (OBC7)
 ROAD PLAN, PROFILE AND SECTION**

Drawing File Name
 DP-04-23-DWG-RO-TTA-18977

Date
 28.04.22

Scale AS SHOWN @ A1
 AS SHOWN @ A3

Drawn
 DB

Checked
 JX

Approved
 JAP

Project Code
 5199586

Issuer
 TTA

QMS Code

Version
 v01

Status
 S3

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