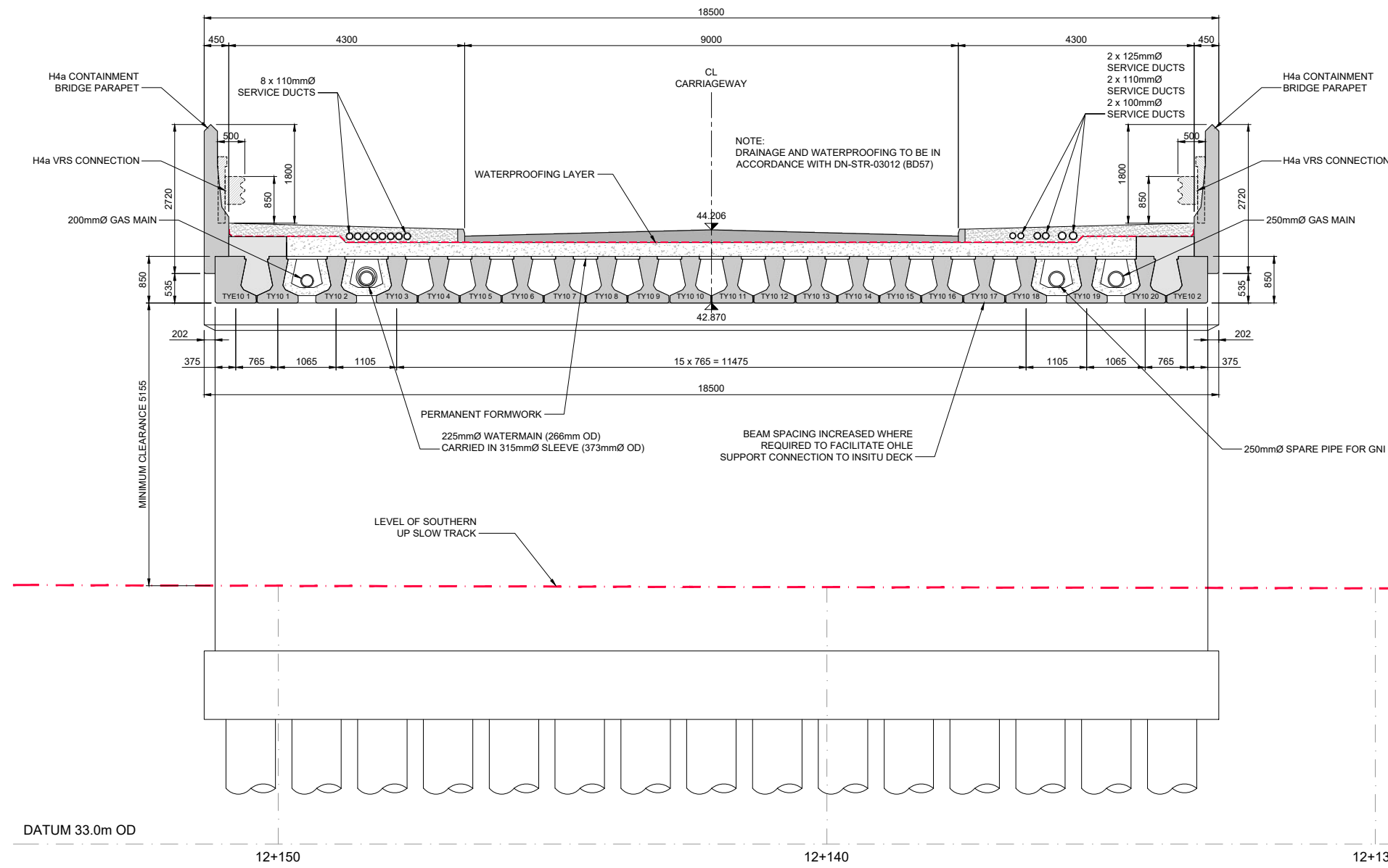




**DRAWING NOTES:**

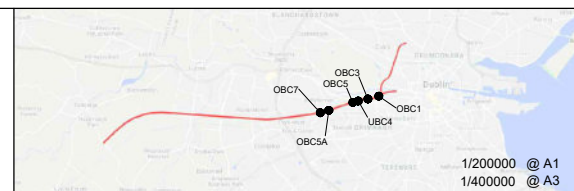
1. All dimensions are in millimetres unless noted otherwise
2. All levels are in metres relative to National Ordnance Datum unless noted otherwise
3. Chainages are expressed in metres
4. All angles are in degrees (0°-360°) unless noted otherwise
5. Dimensions are not to be scaled from the drawings



**B**  
18920 CROSS SECTION

V:\15199586\Cork\6 Dwg\Graphics\61 AutoCad\Tramches\DP-04-23-DWG-RO-TTA-18922.dwg

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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

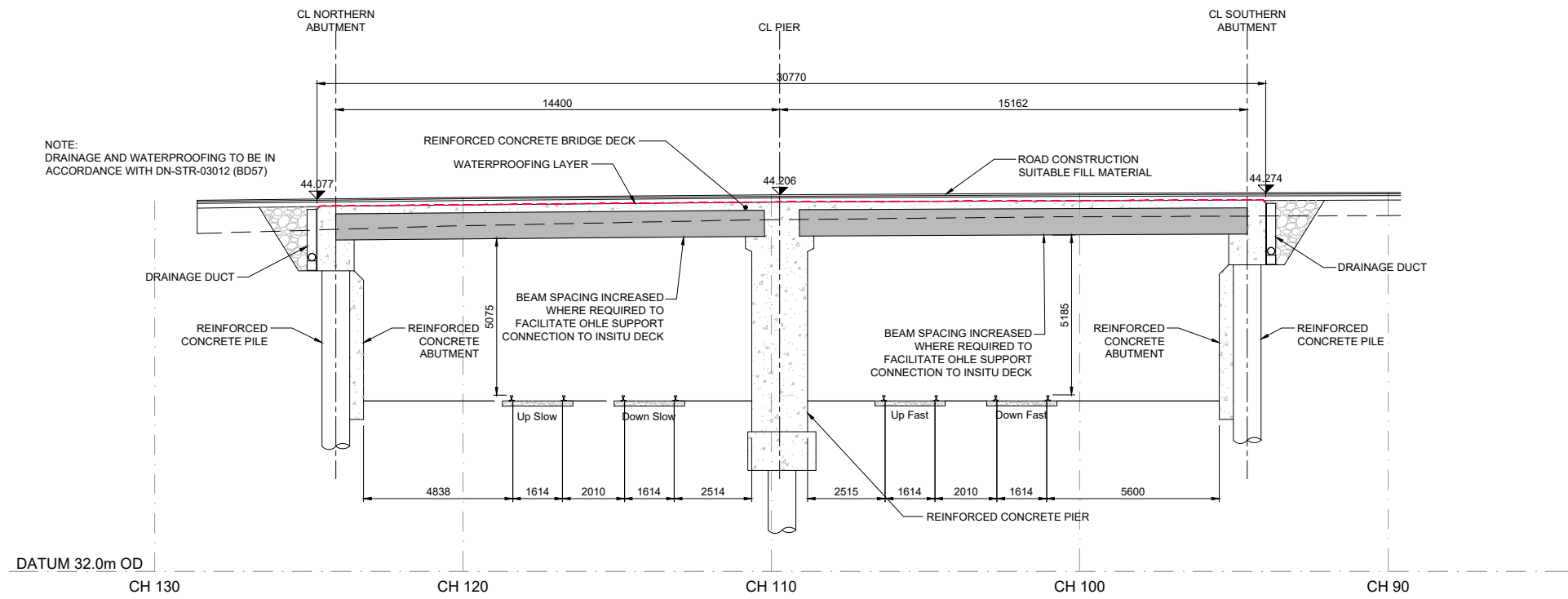
Client <b>Iarnród Éireann Irish Rail</b>		Engineering Designer <b>ATKINS</b> TYPSPA Member of the SNC Lavalin Group Supported by <b>rps</b>	
Date 15.10.21	Scale 1:50 @ A1 1:100 @ A3	Drawn AOS	Checked GOH
Project Code 5199586	Issuer TTA	Approved RM	QMS Code

Project Title <b>DART + SOUTH WEST</b>	
Drawing Title <b>KYLEMORE ROAD BRIDGE (OBC5A) BRIDGE DECK CROSS SECTION</b>	
Drawing File Name DP-04-23-DWG-RO-TTA-18922	Version v01
Status S3	

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

**DRAWING NOTES:**

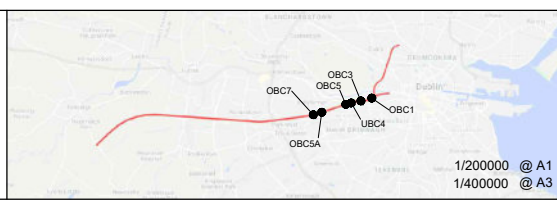
1. All dimensions are in millimetres unless noted otherwise
2. All levels are in metres relative to National Ordnance Datum unless noted otherwise
3. Chainages are expressed in metres
4. All angles are in degrees (0°-360°) unless noted otherwise
5. Dimensions are not to be scaled from the drawings



**A**  
18920  
**LONGITUDINAL SECTION**

V:\5199586\Cork\6 Dvgs-Graphics\61 AutoCad\Tranche3\DP-04-23-DWG-RO-TTA-18921.dwg

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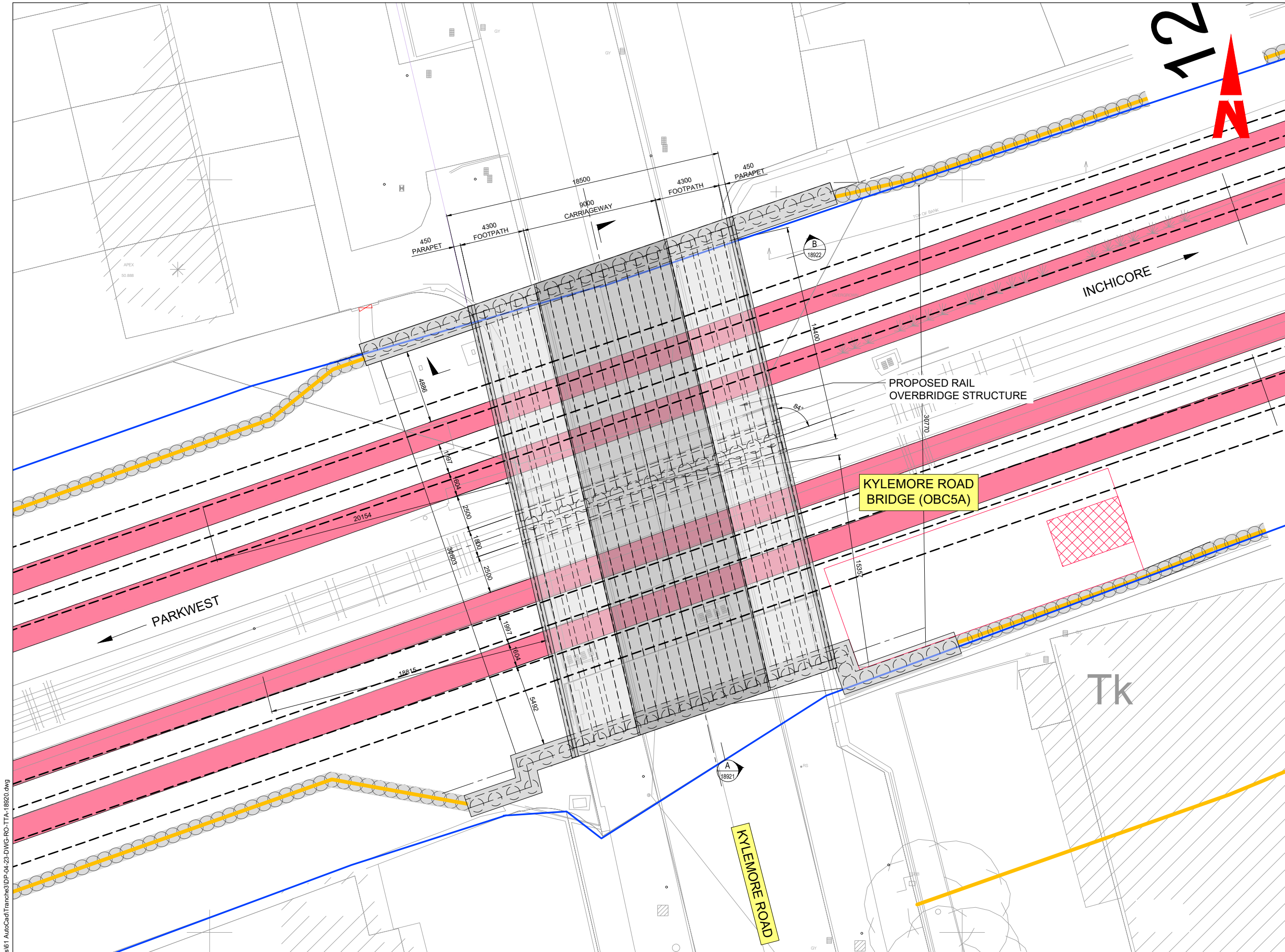
Rev	Date	Drn	Chk'd	App'd	Description
v01	10.11.22	AOS	GOH	RM	PLANNING ISSUE

Client <b>Iarnród Éireann Irish Rail</b>		Engineering Designer <b>ATKINS</b> Supported by <b>fps</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>KYLEMORE ROAD BRIDGE (OBC5A) BRIDGE DECK LONGITUDINAL SECTION</b>	
Drawing File Name DP-04-23-DWG-RO-TTA-18921	Status S3

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



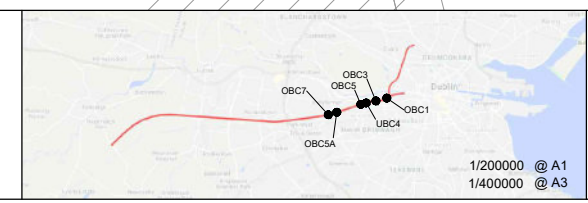


- DRAWING NOTES:**
1. All dimensions are in millimetres unless noted otherwise
  2. All levels are in metres relative to National Ordnance Datum unless noted otherwise
  3. Chainages are expressed in metres
  4. All angles are in degrees (0°-360°) unless noted otherwise
  5. Dimensions are not to be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

**LEGEND:**  
 CIÉ Land Ownership

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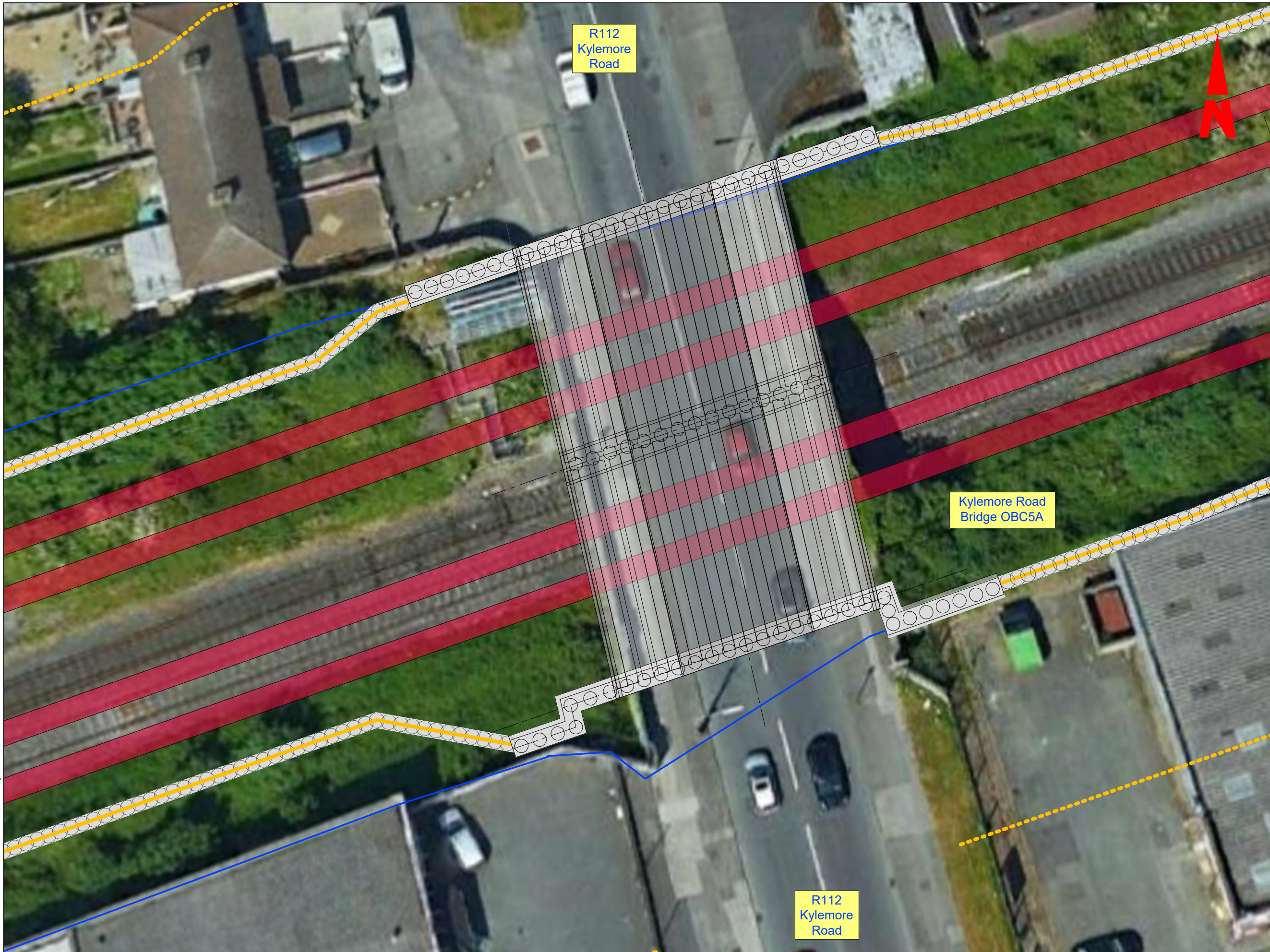
Rev	Date	Drm	Chk'd	App'd	Description
v01	10.11.22	AOS	GOH	RM	PLANNING ISSUE

Client 	Engineering Designer 
Date 15.10.21	Scale 1:200 @ A1 1:400 @ A3
Project Code 5199586	Issuer TTA
Drawn AOS	Checked GOH
Approved RM	QMS Code

Project Title <b>DART + SOUTH WEST</b>
Drawing Title <b>KYLEMORE ROAD BRIDGE (OBC5A) BRIDGE DECK PLAN</b>
Drawing File Name DP-04-23-DWG-RO-TTA-18920
Version v01
Status S3

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



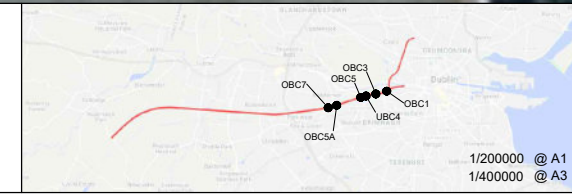


- DRAWING NOTES:**
- All dimensions are in millimetres unless noted otherwise
  - All levels are in metres relative to National Ordnance Datum unless noted otherwise
  - Chainages are expressed in metres
  - All angles are in degrees (0°-360°) unless noted otherwise
  - Dimensions are not to be scaled 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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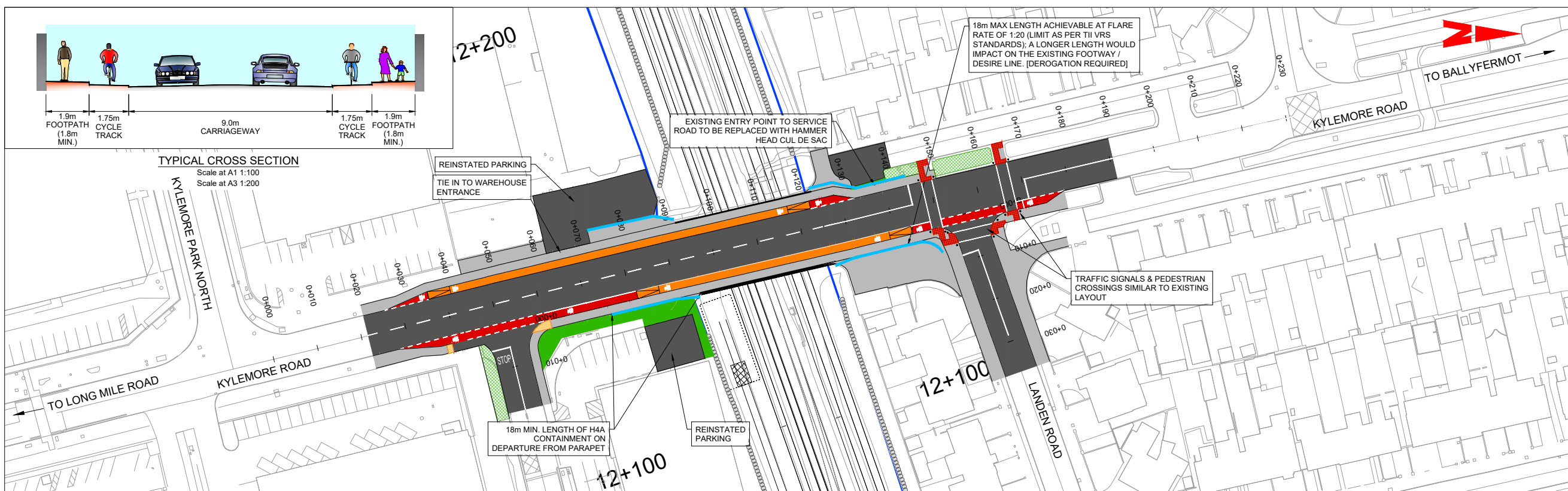
Rev	Date	Dm	Chk'd	App'd	Description
v01	10.11.22	AOS	GOH	RM	PLANNING ISSUE

Client <b>Iarnród Éireann Irish Rail</b>		Engineering Designer <b>ATKINS</b> TYPSA Member of the SNC Lavalin Group Supported by <b>rps</b>	
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 <b>DART + SOUTH WEST</b>	
Drawing Title <b>KYLEMORE ROAD BRIDGE (OBC5A) GENERAL ARRANGEMENT</b>	
Drawing File Name DP-04-23-DWG-RO-TTA-18919	Version v01
Status S3	

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



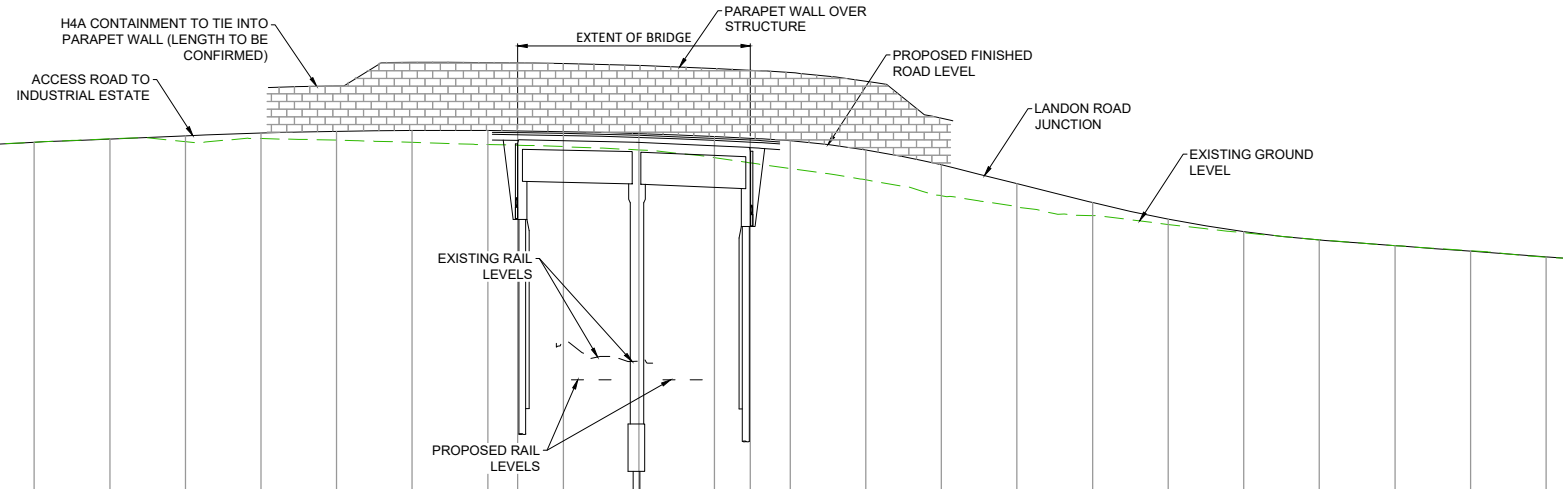


PLAN - KYLEMORE ROAD - OVERBRIDGE

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

- 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.



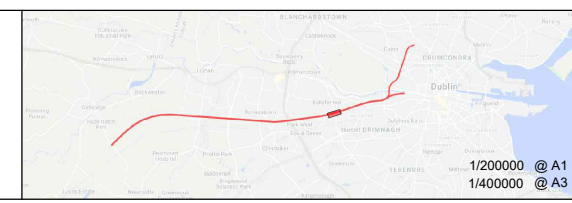
LONGITUDINAL SECTION - KYLEMORE ROAD BRIDGE (OBC5A)

Scale at A1 1:500 Horizontal, 1:100 Vertical  
Scale at A3 1:1000 Horizontal, 1:200 Vertical

DATUM = 34.00																												
PROPOSED LEVELS		43.670	43.761	43.865	43.974	44.060	44.144	44.216	44.263	44.285	44.292	44.274	44.254	44.201	44.123	44.077	44.011	43.770	43.376	42.878	42.378	41.938	41.610	41.392	41.240	41.090	40.943	40.898
EXISTING LEVELS		39.990	43.763	43.865	43.975	44.062	43.986	44.071	44.028	43.970	43.911	43.858	43.773	43.566	43.279	42.980	42.561	42.261	42.033	41.801	41.582	41.391	41.240	41.103	40.937	40.888		
LEVEL DIFFERENCE			-0.001	0.001	-0.001	-0.003	0.158	0.146	0.236	0.316	0.372	0.396	0.429	0.558	0.732	0.790	0.814	0.617	0.346	0.138	0.028	0.000	-0.001	-0.013	0.006			
HORIZONTAL		D	D=40.626				D=36.726				D=36.516				R	D=17.027		D=53.434				D	D=22.180					
VERTICAL		P	R		P=0.846%	R=4000.000 L=76.293				R=650.000 L=25.601		P=-5.000%		L=17.746		R=900.000 L=31.289		R=50585.900 L=32.159										
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	233.045		

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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: **KYLEMORE ROAD BRIDGE (OBC5A) ROAD PLAN, PROFILE AND SECTION**

Drawing File Name: DP-04-23-DWG-RO-TTA-18975 | Version: v01 | Status: S3

DO NOT SCALE USE FIGURED DIMENSIONS ONLY