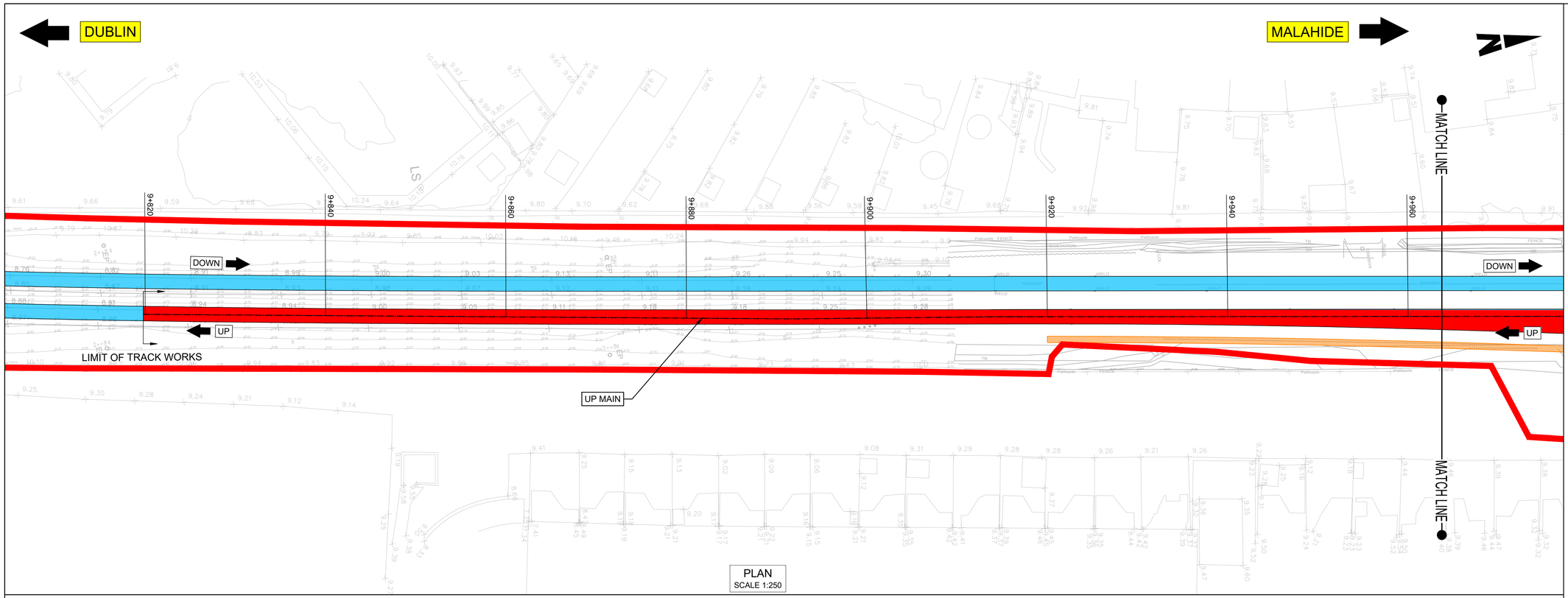
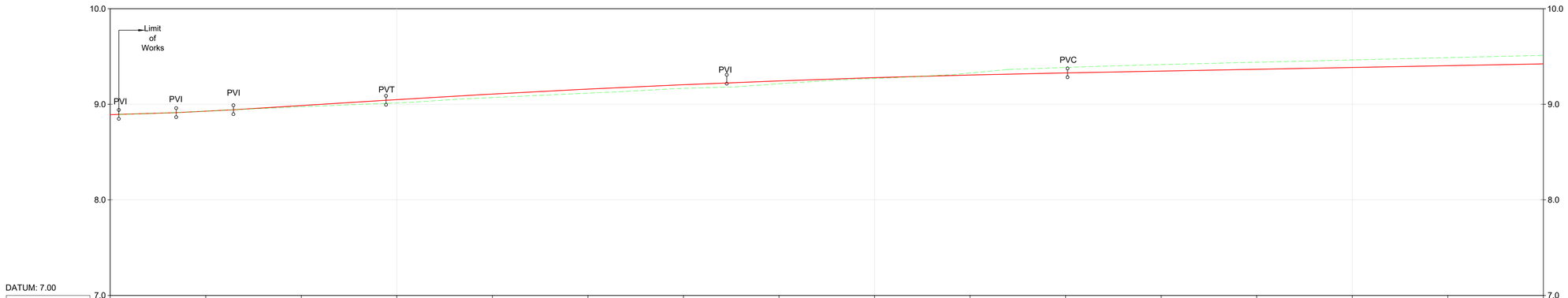
SPECIFIC LOCATIONS

03 Clongriffin

CLONGRIFFIN TURNBACK





DATUM: 7.00

CHAINAGE	9+820	9+830	9+840	9+850	9+860	9+870	9+880	9+890	9+900	9+910	9+920	9+930	9+940	9+950	9+960
EXISTING LEVEL	8.890	8.928	8.974	9.013	9.065	9.117	9.166	9.214	9.270	9.318	9.385	9.415	9.439	9.464	9.488	9.511
PROPOSED LEVEL	8.890	8.928	8.986	9.048	9.106	9.158	9.204	9.244	9.278	9.306	9.328	9.347	9.366	9.384	9.403	9.422
LIFT / LOWER	0.000	0.000	-0.013	-0.035	-0.041	-0.041	-0.038	-0.030	-0.008	-0.012	-0.057	-0.068	-0.074	-0.079	-0.084	-0.089
VERT. ALIGNMENT			G=0.618% L=15.964				R=16600.000 LVC=71.333						G=0.188% L=130.363			
HORIZ. ALIGNMENT										L=2.392 STRAIGHT		L=108.274 STRAIGHT				

UP MAIN PROFILE
SCALE 1:250 (H) 1:25 (V)

NOTES

1. Chainages, levels and coordinates are shown in meters. All other dimensions are shown in millimeters, unless otherwise stated. All clearance and six-foot intervals are quoted to running edges (RE)
2. Track gauge to be nominal 1602mm for plain line and 1600mm for P&C
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6. Proposed and existing overhead line equipment (OHLE) is not shown in plan or profile. Refer to Book 3 Linear Works Plans for OHLE shown in plan.
7. For details of lineside civils infrastructure such as troughing routes and substations, refer to the Book 3 Linear Works Plans.

LEGEND

PLAN

- DEVELOPMENT BOUNDARY
- RUNNING LINE
- SIDINGS
- PROPOSED TRACK WORK
- TRACK WORK TO BE REMOVED
- EXISTING STATION PLATFORMS
- CESS WALKWAY

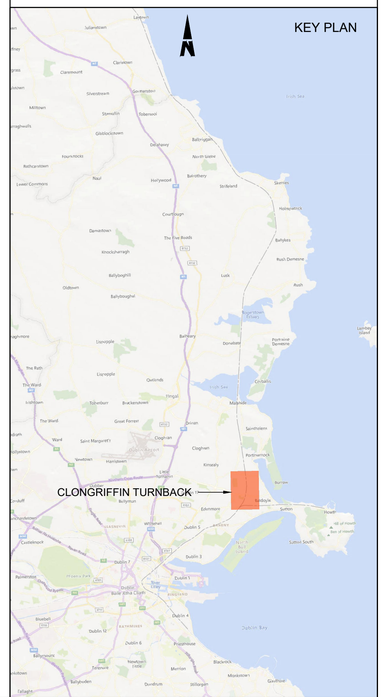
LONGITUDINAL PROFILE

- PROPOSED MAIN RAIL
- EXISTING MAIN RAIL
- EXISTING GROUND

PVC (Point of Start of Curve)
PVT (Point of Start of Tangent)
PVI (Point of Intersection)

CROSS SECTION

- PROPOSED ELEMENTS
- EXISTING ELEMENTS
- EXISTING GROUND



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DART+ Coastal North

NTA Údarás Náisiúnta Iompair National Transport Authority

Tionscadal Éireann Project Ireland 2040

Rev	Date	Drn	Chk'd	App'd	Description
P01	13/10/2023	MV	SS	DB	PLANNING ISSUE

Client: Iarnród Éireann Irish Rail

Engineering Designer: ARUP

Project Title: **DART+ COASTAL NORTH**

Drawing Title: CLONGRIFFIN TURNBACK TRACK ALIGNMENT

Date	Scale	Drawn	Checked	Approved
01/06/2023	AS SHOWN @ A1	MV	SS	DB

Project Code	Originator Code	QMS Code
D+WP56	ARP	280275-00

Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-P4-NL-DR-RO-000350	1 of 12	S3	P01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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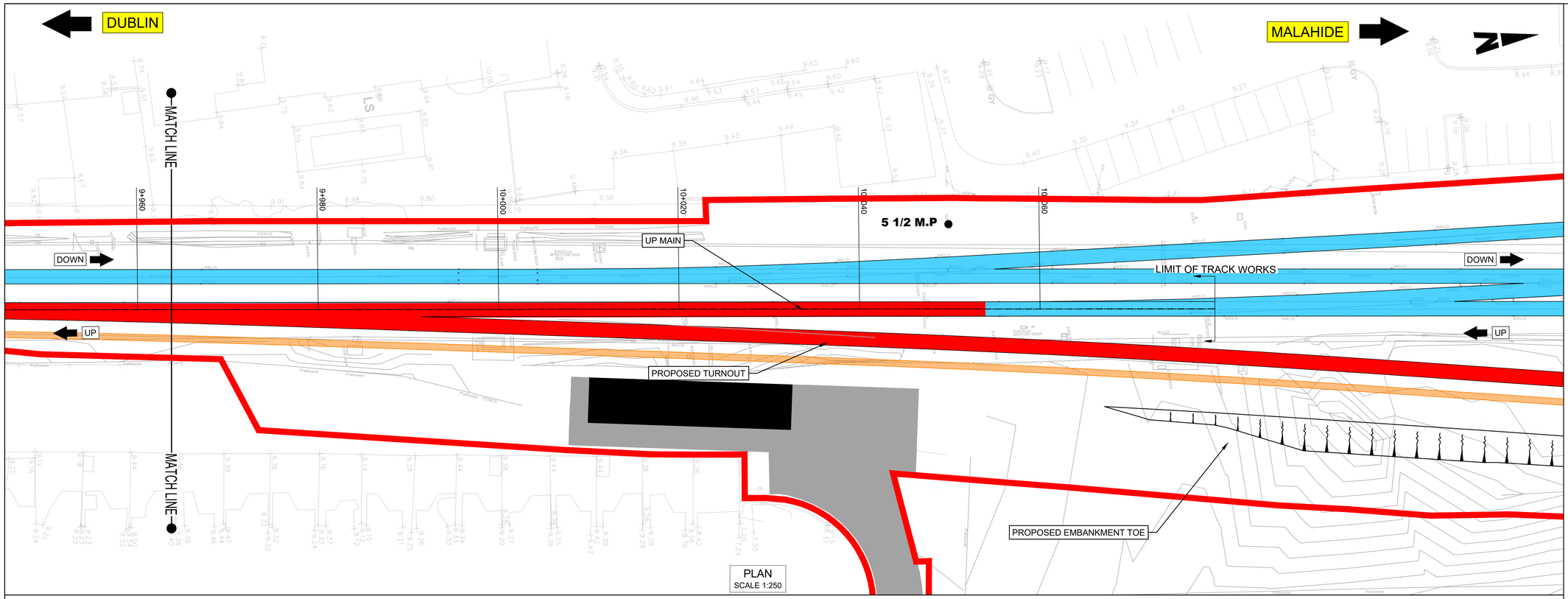

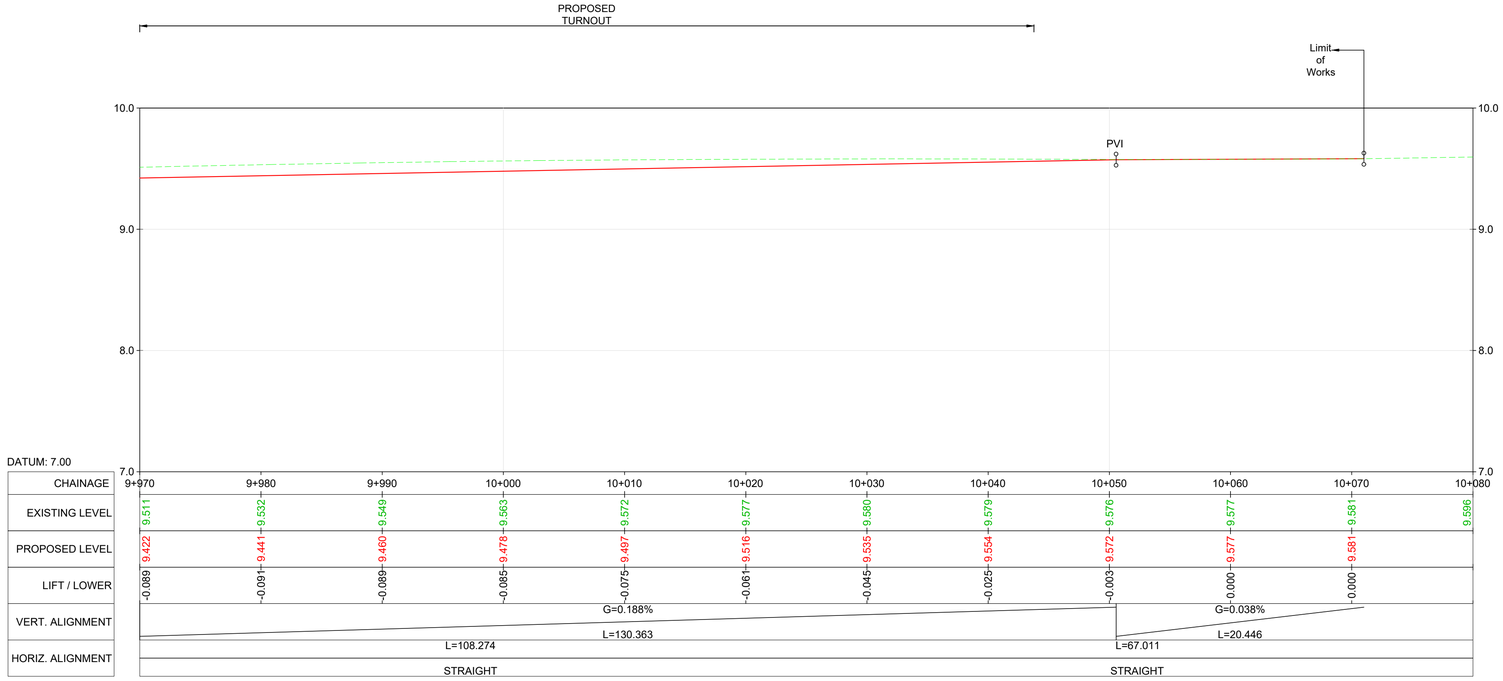

DATUM: 7.00

CHAINAGE	9+970	9+980	9+990	10+000	10+010	10+020	10+030	10+040	10+050	10+060	10+070	10+080
EXISTING LEVEL	9.511	9.532	9.549	9.563	9.572	9.577	9.580	9.579	9.576	9.577	9.581	9.596
PROPOSED LEVEL	9.422	9.441	9.460	9.478	9.497	9.516	9.535	9.554	9.572	9.577	9.581	
LIFT / LOWER	-0.089	-0.091	-0.089	-0.085	-0.075	-0.061	-0.045	-0.025	-0.003	0.000	0.000	
VERT. ALIGNMENT	G=0.188%									G=0.038%		
	L=108.274				L=130.363				L=67.011	L=20.446		
HORIZ. ALIGNMENT	STRAIGHT								STRAIGHT			

UP MAIN PROFILE
SCALE 1:250 (H) 1:25 (V)

NOTES

1. Chainages, levels and coordinates are shown in meters. All other dimensions are shown in millimeters, unless otherwise stated. All clearance and six-foot intervals are quoted to running edges (RE)
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LEGEND

PLAN

- DEVELOPMENT BOUNDARY
- RUNNING LINE
- SIDINGS
- PROPOSED TRACK WORK
- TRACK WORK TO BE REMOVED
- EXISTING STATION PLATFORMS
- CESS WALKWAY

LONGITUDINAL PROFILE

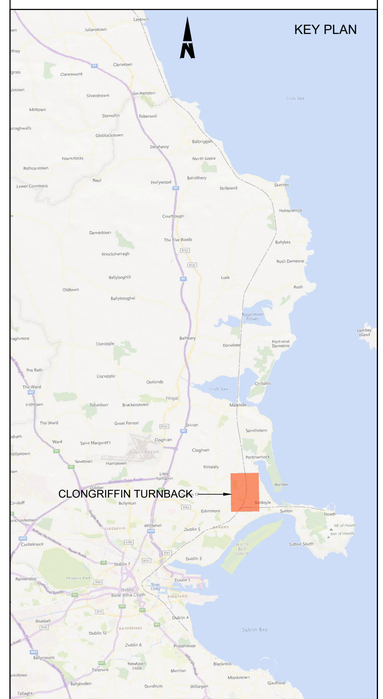
- PROPOSED MAIN RAIL
- EXISTING MAIN RAIL
- EXISTING GROUND

PVC (Point of Start of Curve)
PVT (Point of Start of Tangent)
PVI (Point of Intersection)

CROSS SECTION

- PROPOSED ELEMENTS
- EXISTING ELEMENTS
- EXISTING GROUND

KEY PLAN



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DART+ Coastal North

NTA Údarás Náisiúnta Iompair National Transport Authority

Tionscadal Éireann Project Ireland 2040

Rev	Date	Drn	Chk'd	App'd	Description
P01	13/10/2023	MV	SS	DB	PLANNING ISSUE

Client: Iarnród Éireann Irish Rail

Engineering Designer: ARUP

Project Title: DART+ COASTAL NORTH

Drawing Title: CLONGRIFFIN TURNBACK TRACK ALIGNMENT

Date	Scale	Drawn	Checked	Approved
01/06/2023	AS SHOWN @ A1	MV	SS	DB

Project Code	Originator Code	QMS Code
D+WP56	ARP	280275-00

Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-P4-NL-DR-RO-000351	2 of 12	S3	P01

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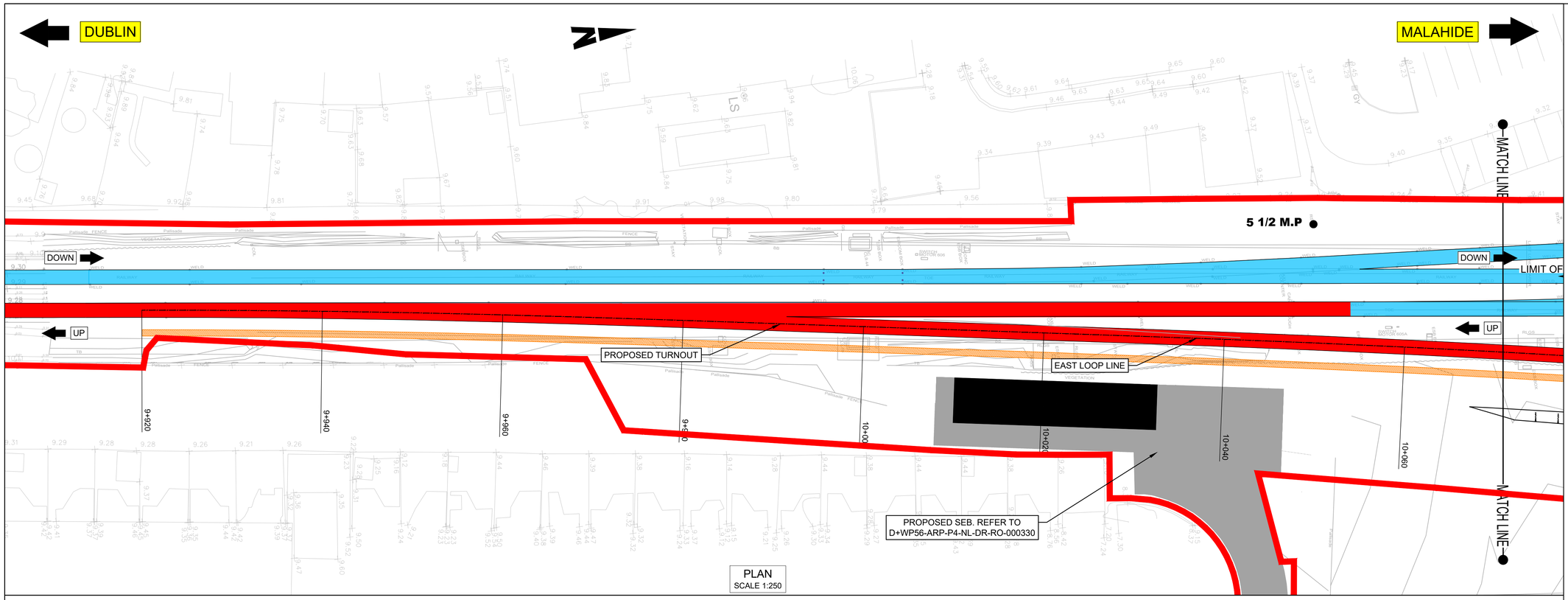
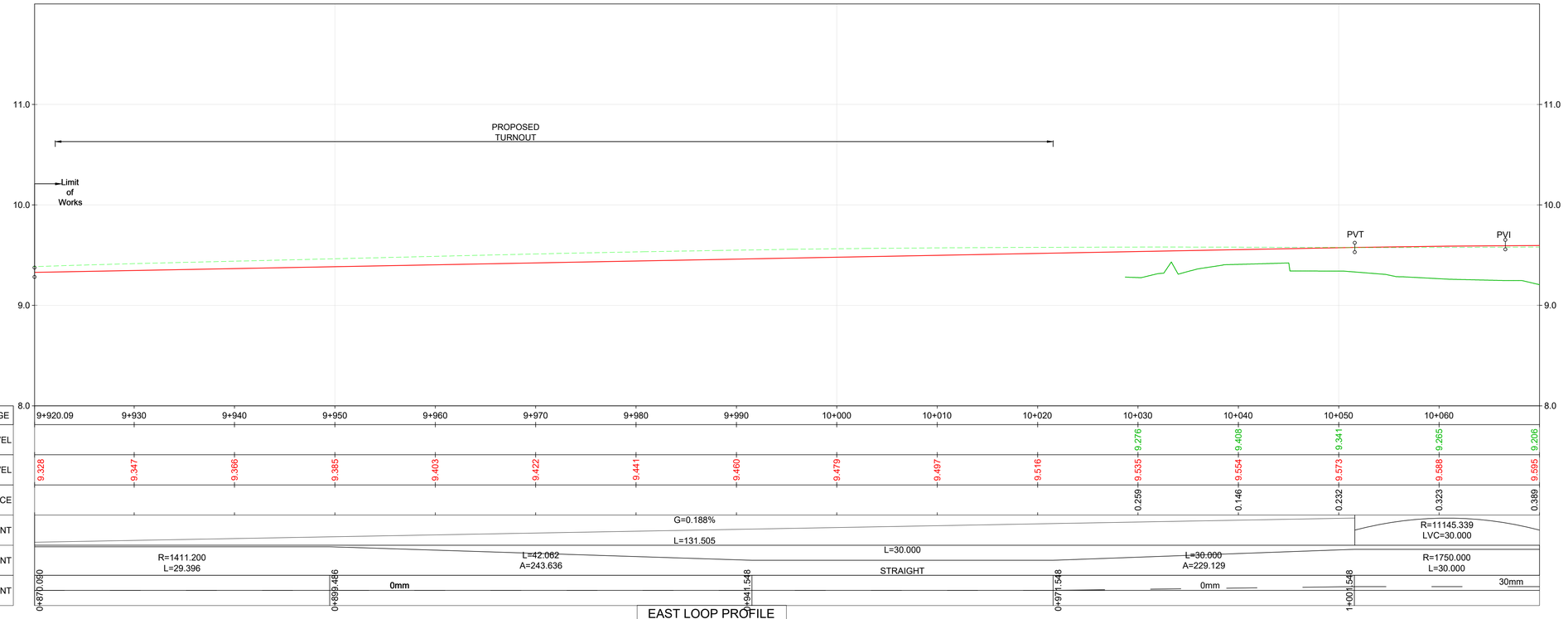


PLAN
SCALE 1:250



DATUM: 8.00

CHAINAGE	9+920.09	9+930	9+940	9+950	9+960	9+970	9+980	9+990	10+000	10+010	10+020	10+030	10+040	10+050	10+060
EXISTING LEVEL												9.276	9.408	9.341	9.265	9.206
PROPOSED LEVEL	9.328	9.347	9.366	9.385	9.403	9.422	9.441	9.460	9.479	9.497	9.516	9.535	9.554	9.573	9.588	9.595
LEVEL DIFFERENCE												0.259	0.146	0.232	0.323	0.389
VERT. ALIGNMENT	G=0.188%														R=11145.339 LVC=30.000	
HORIZ. ALIGNMENT	R=1411.200 L=29.396			L=42.062 A=243.636					L=30.000 STRAIGHT			L=30.000 A=229.129			R=1750.000 L=30.000	
CANT	0+870.060			0+899.456	0mm			0+941.548			0+971.548	0mm		1+001.548	30mm	

EAST LOOP PROFILE
SCALE 1:250 (H) 1:25 (V)

NOTES

1. Chainages, levels and coordinates are shown in meters. All other dimensions are shown in millimeters, unless otherwise stated. All clearance and six-foot intervals are quoted to running edges (RE)
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LEGEND

PLAN

- DEVELOPMENT BOUNDARY
- RUNNING LINE
- SIDINGS
- PROPOSED TRACK WORK
- TRACK WORK TO BE REMOVED
- EXISTING STATION PLATFORMS
- CESS WALKWAY

LONGITUDINAL PROFILE

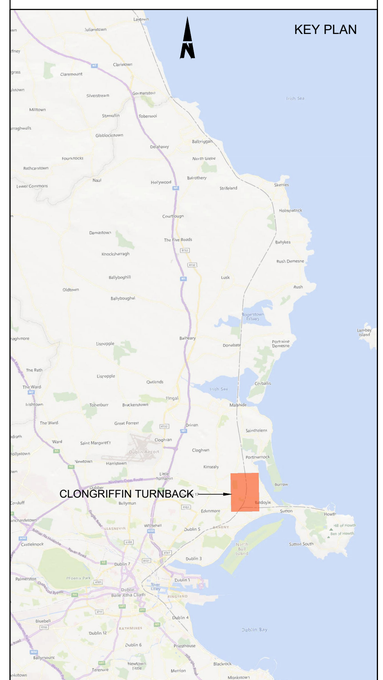
- PROPOSED MAIN RAIL
- EXISTING MAIN RAIL
- EXISTING GROUND

PVC (Point of Start of Curve)
PVT (Point of Start of Tangent)
PVI (Point of Intersection)

CROSS SECTION

- PROPOSED ELEMENTS
- EXISTING ELEMENTS
- EXISTING GROUND

KEY PLAN



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DART+ Coastal North

NTA Údarás Náisiúnta Iompair National Transport Authority

Tionscadal Éireann Project Ireland 2040

Rev	Date	Drn	Chk'd	App'd	Description
P01	13/10/2023	MV	SS	DB	PLANNING ISSUE

Client: Iarnród Éireann Irish Rail
Engineering Designer: ARUP

Date	Scale AS SHOWN @ A1	Drawn	Checked	Approved
01/06/2023		MV	SS	DB

Project Code	Originator Code	QMS Code
D+WP56	ARP	280275-00

Project Title: DART+ COASTAL NORTH
Drawing Title: CLONGRIFFIN TURNBACK TRACK ALIGNMENT

Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-P4-NL-DR-RO-000352	3 of 12	S3	P01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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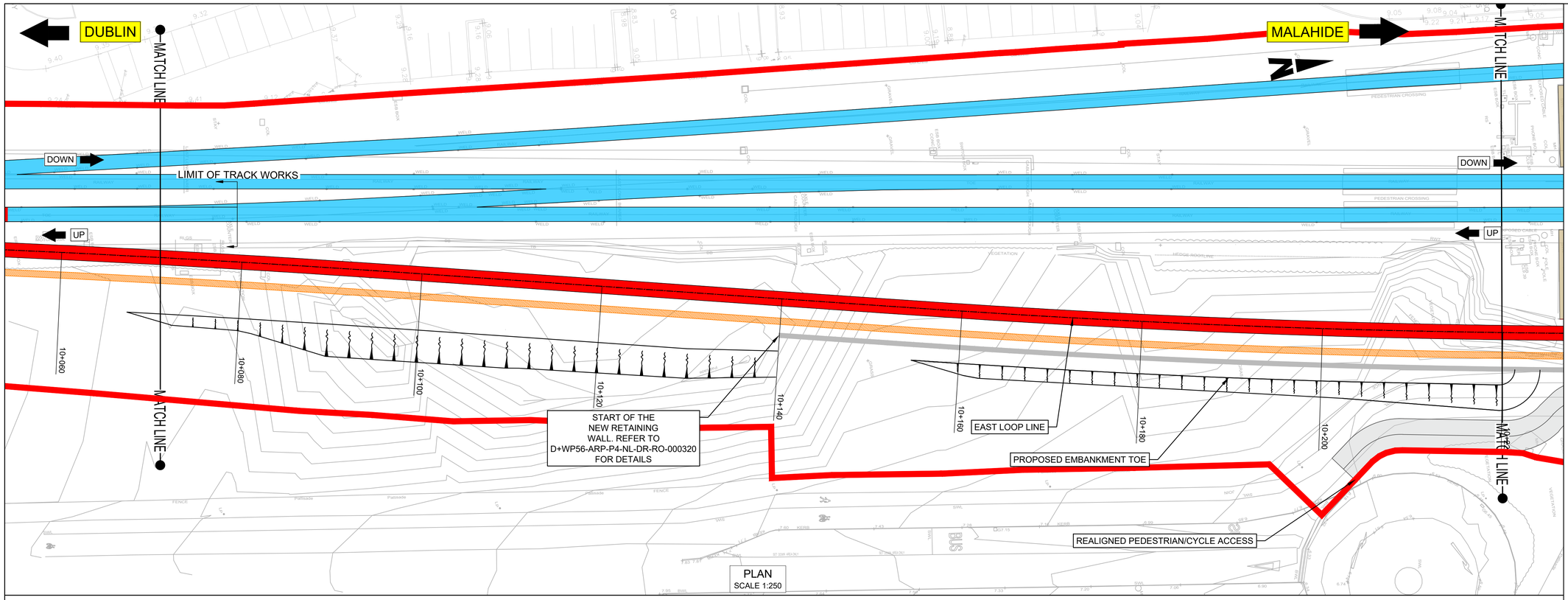

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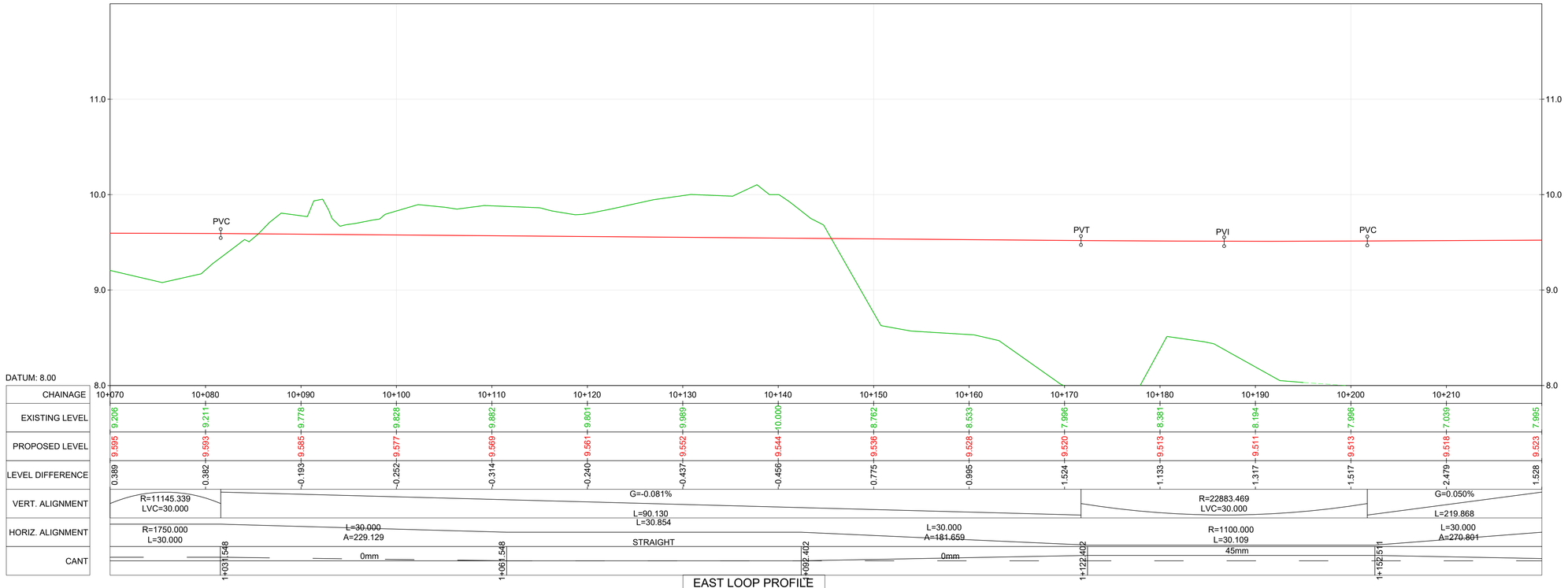
SCALE 1:250



EAST LOOP PROFILE
SCALE 1:250 (H) 1:25 (V)

NOTES

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LEGEND

PLAN

- DEVELOPMENT BOUNDARY
- RUNNING LINE
- SIDINGS
- PROPOSED TRACK WORK
- TRACK WORK TO BE REMOVED
- EXISTING STATION PLATFORMS
- CESS WALKWAY

LONGITUDINAL PROFILE

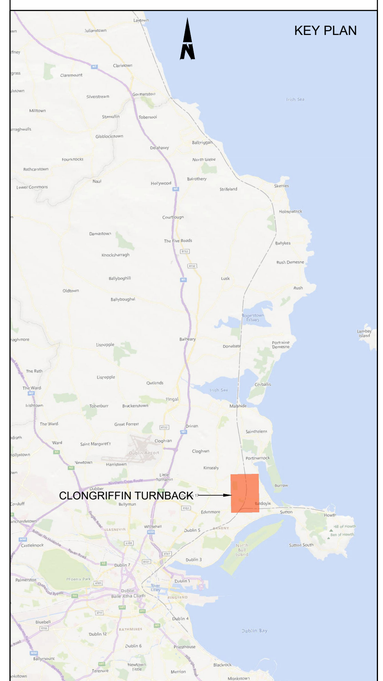
- PROPOSED MAIN RAIL
- EXISTING MAIN RAIL
- EXISTING GROUND

PVC (Point of Start of Curve)
PVT (Point of Start of Tangent)
PVI (Point of Intersection)

CROSS SECTION

- PROPOSED ELEMENTS
- EXISTING ELEMENTS
- EXISTING GROUND

KEY PLAN



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DART+ Coastal North
NTA Údarás Náisiúnta Iompair National Transport Authority
Tionscadal Éireann Project Ireland 2040

Rev	Date	Drn	Chk'd	App'd	Description
P01	13/10/2023	MV	SS	DB	PLANNING ISSUE

Client: Iarnród Éireann Irish Rail
Engineering Designer: ARUP

Date	Scale AS SHOWN @ A1	Drawn	Checked	Approved
01/06/2023		MV	SS	DB

Project Code	Originator Code	QMS Code
D+WP56	ARP	280275-00

Project Title: DART+ COASTAL NORTH
Drawing Title: CLONGRIFFIN TURNBACK TRACK ALIGNMENT

Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-P4-NL-DR-RO-000353	4 of 12	S3	P01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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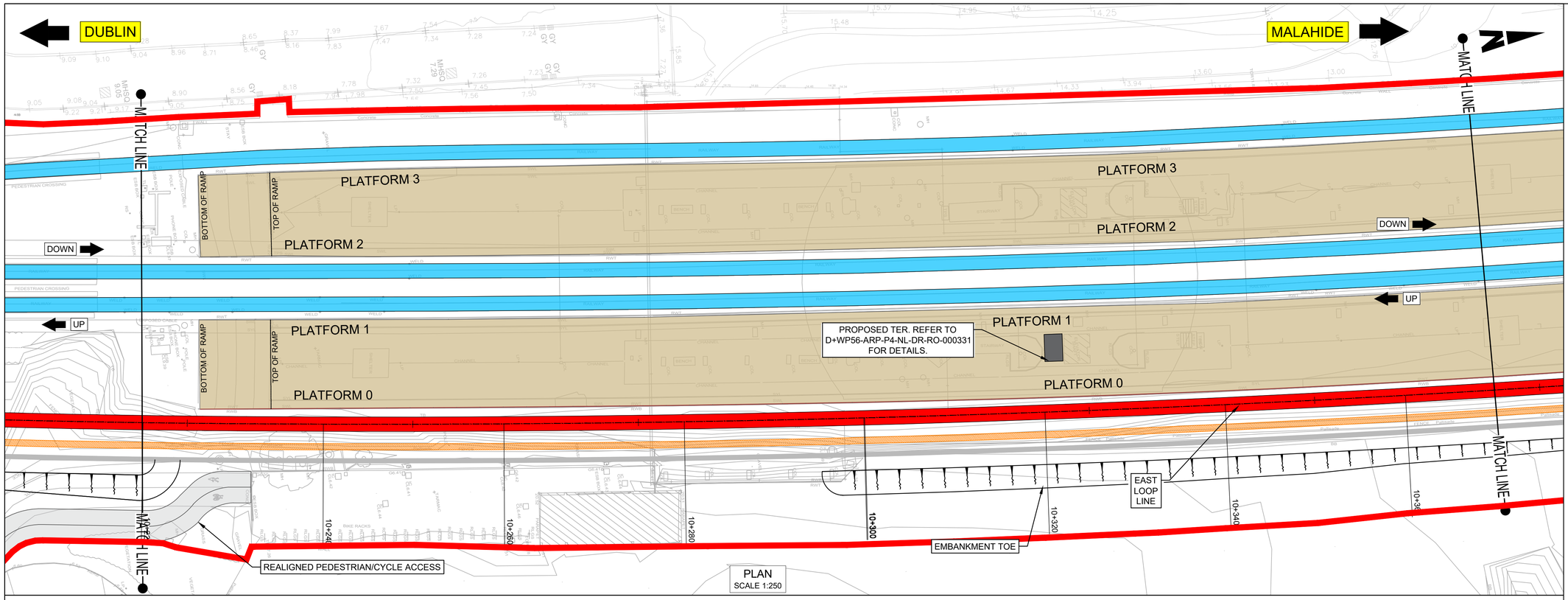
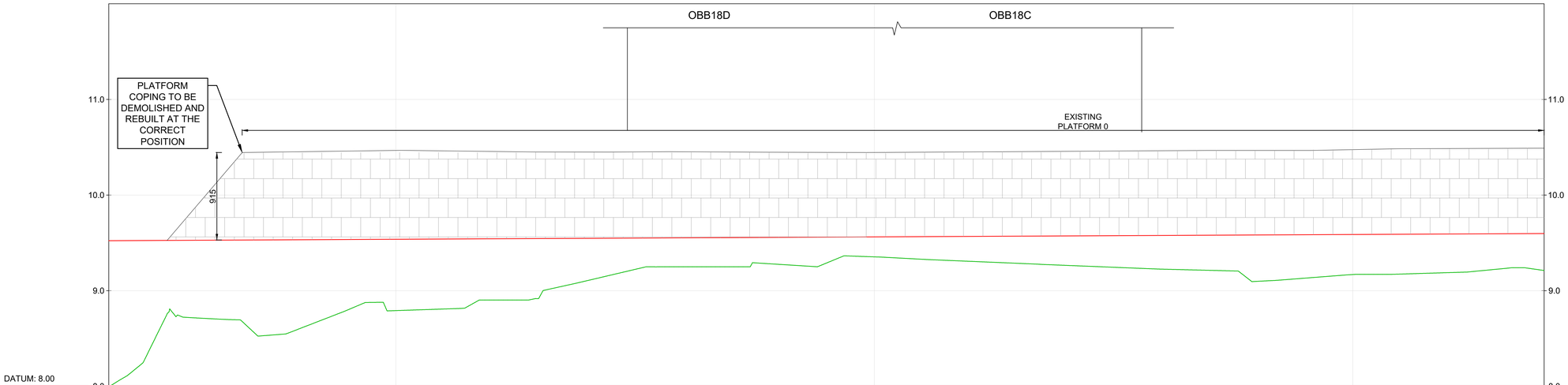


PLAN
SCALE 1:250



DATUM: 8.00

CHAINAGE	10+220	10+230	10+240	10+250	10+260	10+270	10+280	10+290	10+300	10+310	10+320	10+330	10+340	10+350	10+360
EXISTING LEVEL	7.995	8.711	8.606	8.792	8.902	9.105	9.250	9.276	9.354	9.307	9.265	9.225	9.098	9.169	9.189	9.211
PROPOSED LEVEL	9.523	9.528	9.533	9.538	9.543	9.548	9.553	9.558	9.563	9.568	9.573	9.578	9.583	9.588	9.593	9.598
LEVEL DIFFERENCE	1.528	0.818	0.928	0.746	0.641	0.443	0.303	0.282	0.209	0.261	0.308	0.353	0.485	0.419	0.404	0.387
VERT. ALIGNMENT	G=0.050%															
	L=219.868															
HORIZ. ALIGNMENT	L=30.000								R=2000.000							
	A=270.801								L=206.719							
CANT	1+182.511								0mm							

EAST LOOP 3 PROFILE
SCALE 1:250 (H) 1:25 (V)

NOTES

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LEGEND

PLAN

- DEVELOPMENT BOUNDARY
- RUNNING LINE
- SIDINGS
- PROPOSED TRACK WORK
- TRACK WORK TO BE REMOVED
- EXISTING STATION PLATFORMS
- CESS WALKWAY

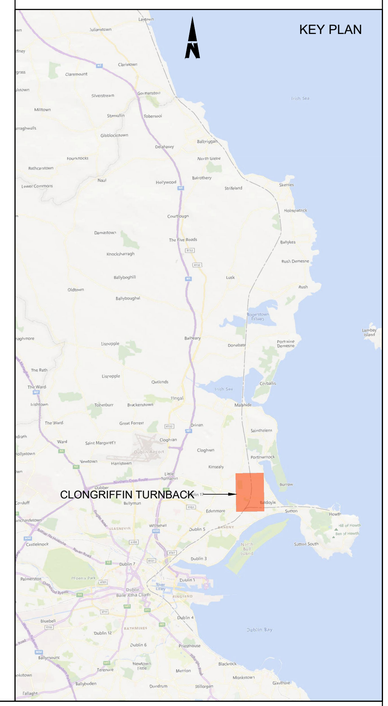
LONGITUDINAL PROFILE

- PROPOSED MAIN RAIL
- EXISTING MAIN RAIL
- EXISTING GROUND

PVC (Point of Start of Curve)
PVT (Point of Start of Tangent)
PVI (Point of Intersection)

CROSS SECTION

- PROPOSED ELEMENTS
- EXISTING ELEMENTS
- EXISTING GROUND



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DART+ Coastal North
NTA Údarás Náisiúnta Iompair National Transport Authority
Tionscadal Éireann Project Ireland 2040

Rev	Date	Drn	Chk'd	App'd	Description
P01	13/10/2023	MV	SS	DB	PLANNING ISSUE

Client: Iarnród Éireann Irish Rail
Engineering Designer: ARUP

Date	Scale AS SHOWN @ A1	Drawn	Checked	Approved
01/06/2023		MV	SS	DB

Project Code	Originator Code	QMS Code
D+WP56	ARP	280275-00

Project Title: DART+ COASTAL NORTH
Drawing Title: CLONGRIFFIN TURNBACK TRACK ALIGNMENT

Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-P4-NL-DR-RO-000354	5 of 12	S3	P01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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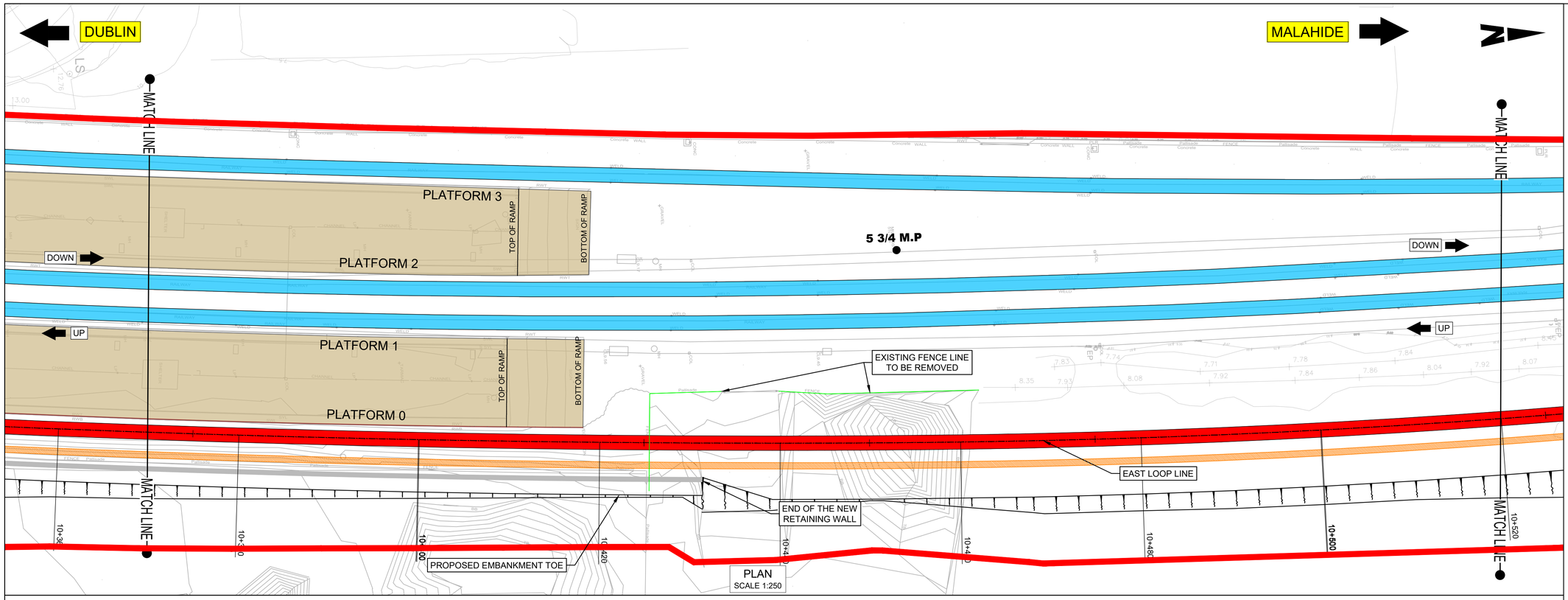
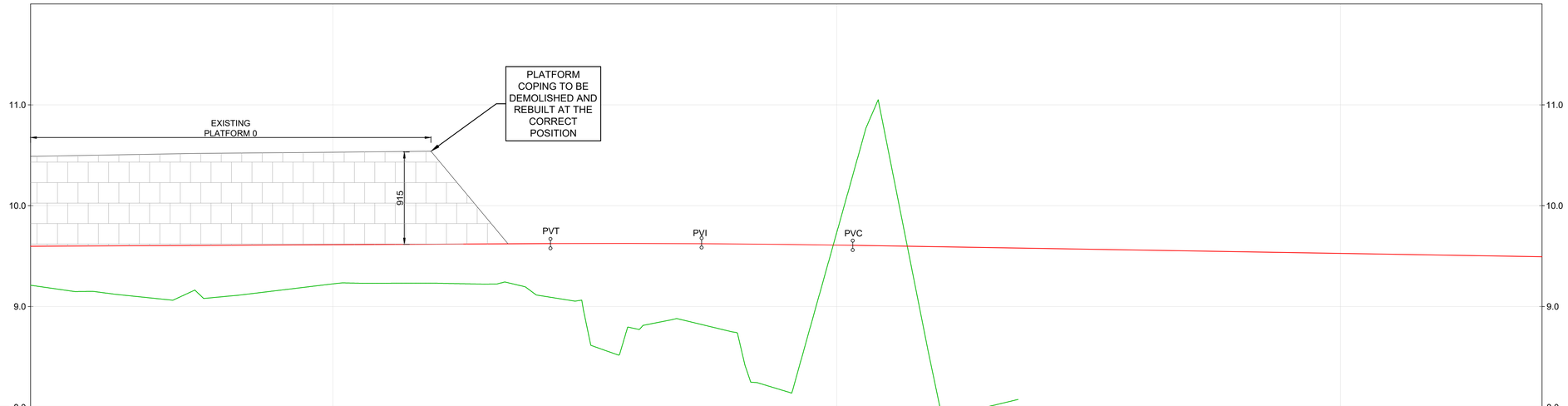


PLAN
SCALE 1:250



DATUM: 8.00

CHAINAGE	10+370	10+380	10+390	10+400	10+410	10+420	10+430	10+440	10+450	10+460	10+470	10+480	10+490	10+500	10+510
EXISTING LEVEL	9.211	9.105	9.106	9.225	9.232	9.129	8.781	8.743	9.732	8.120	7.829	7.879	7.931	7.987	7.967	7.998
PROPOSED LEVEL	9.598	9.603	9.608	9.613	9.618	9.623	9.626	9.621	9.609	9.593	9.576	9.560	9.543	9.527	9.511	9.494
LEVEL DIFFERENCE	0.387	0.498	0.502	0.388	0.386	0.494	0.844	0.878	-0.122	1.472	1.747	1.681	1.612	1.540	1.544	1.496
VERT. ALIGNMENT	G=0.050% L=219.868						R=13975.127 LVC=30.000			G=-0.165% L=107.735						
HORIZ. ALIGNMENT	R=2000.000 L=206.719								L=30.000 A=244.949		R=1000.000 L=104.962					
CANT	389.230									1+419.230					50mm	

EAST LOOP PROFILE
SCALE 1:250 (H) 1:25 (V)

NOTES

1. Chainages, levels and coordinates are shown in meters. All other dimensions are shown in millimeters, unless otherwise stated. All clearance and six-foot intervals are quoted to running edges (RE)
2. Track gauge to be nominal 1602mm for plain line and 1600mm for P&C
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4. Radii quoted are from track centreline, unless otherwise stated
5. Modular compliant layouts throughout
6. Proposed and existing overhead line equipment (OHLE) is not shown in plan or profile. Refer to Book 3 Linear Works Plans for OHLE shown in plan.
7. For details of lineside civils infrastructure such as troughing routes and substations, refer to the Book 3 Linear Works Plans.

LEGEND

PLAN

- DEVELOPMENT BOUNDARY
- RUNNING LINE
- SIDINGS
- PROPOSED TRACK WORK
- TRACK WORK TO BE REMOVED
- EXISTING STATION PLATFORMS
- CESS WALKWAY

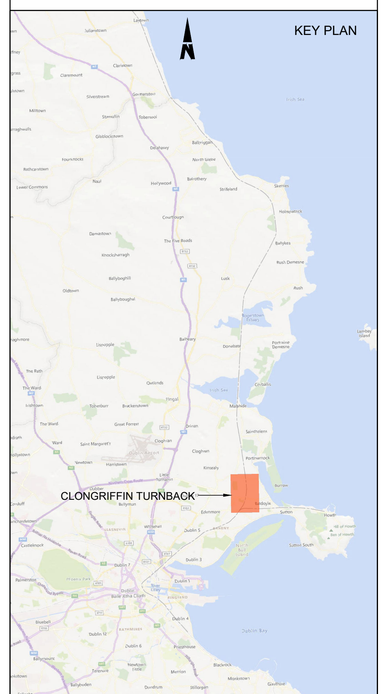
LONGITUDINAL PROFILE

- PROPOSED MAIN RAIL
- EXISTING MAIN RAIL
- EXISTING GROUND

PVC (Point of Start of Curve)
PVT (Point of Start of Tangent)
PVI (Point of Intersection)

CROSS SECTION

- PROPOSED ELEMENTS
- EXISTING ELEMENTS
- EXISTING GROUND



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DART+ Coastal North

NTA Údarás Náisiúnta Iompair National Transport Authority

Tionscadal Éireann Project Ireland 2040

Rev	Date	Drn	Chk'd	App'd	Description
P01	13/10/2023	MV	SS	DB	PLANNING ISSUE

Client: Iarnród Éireann Irish Rail
Engineering Designer: ARUP

Date	Scale AS SHOWN @ A1	Drawn	Checked	Approved
01/06/2023		MV	SS	DB

Project Code	Originator Code	QMS Code
D+WP56	ARP	280275-00

Project Title: DART+ COASTAL NORTH
Drawing Title: CLONGRIFFIN TURNBACK TRACK ALIGNMENT

Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-P4-NL-DR-RO-000355	6 of 12	S3	P01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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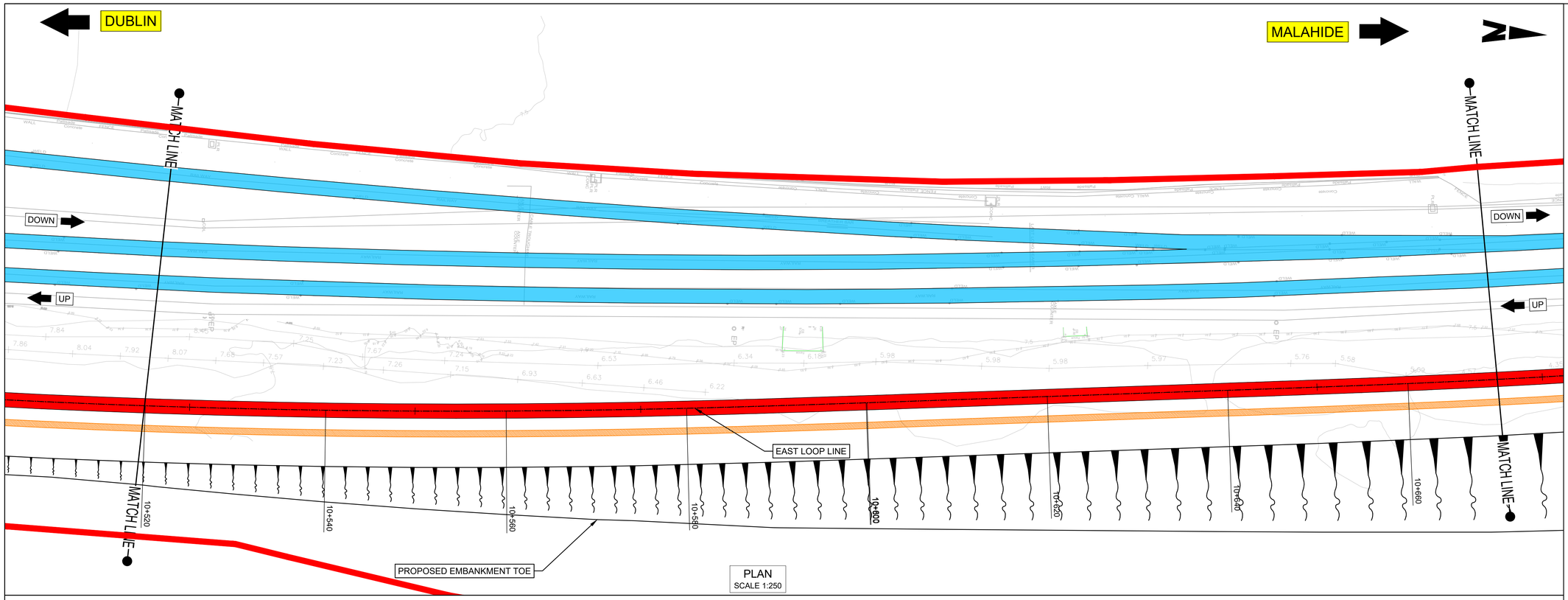
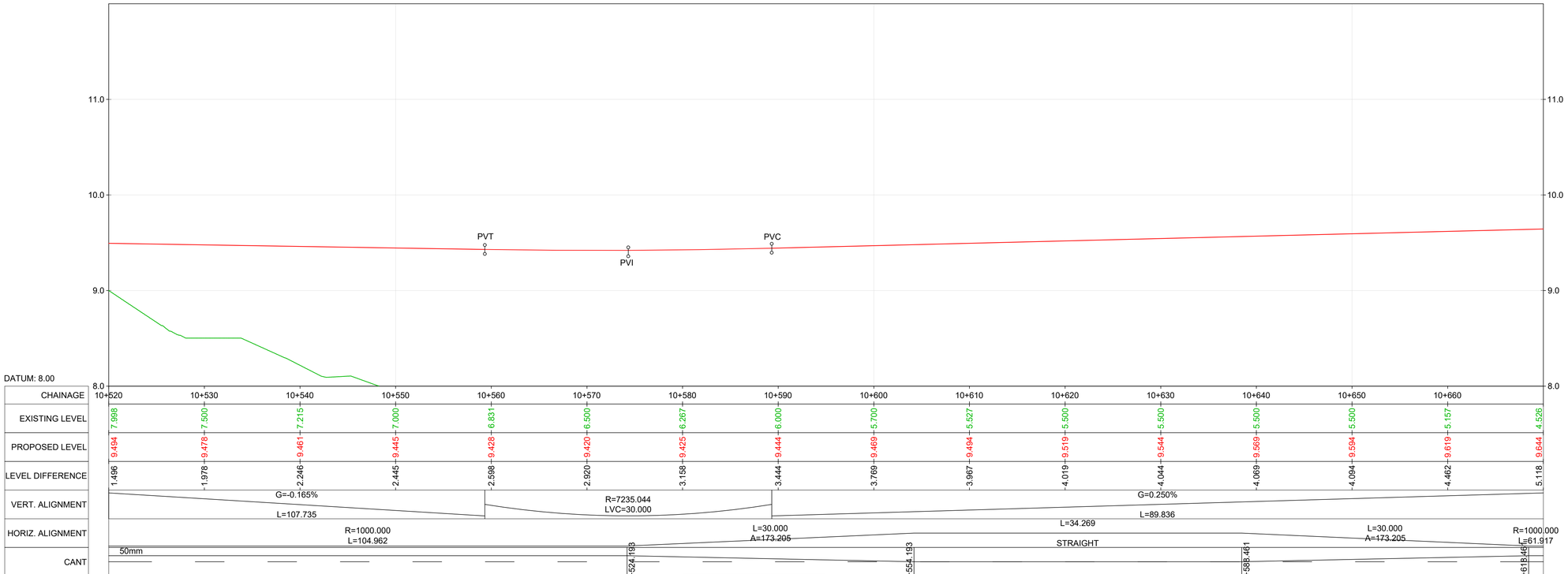


PLAN
SCALE 1:250



CHAINAGE	10+520	10+530	10+540	10+550	10+560	10+570	10+580	10+590	10+600	10+610	10+620	10+630	10+640	10+650	10+660
EXISTING LEVEL	7.998	7.500	7.215	7.000	6.831	6.600	6.267	6.000	5.700	5.527	5.500	5.500	5.500	5.500	5.157	4.526
PROPOSED LEVEL	9.494	9.478	9.461	9.445	9.428	9.420	9.425	9.444	9.469	9.494	9.519	9.544	9.569	9.594	9.619	9.644
LEVEL DIFFERENCE	1.496	1.978	2.246	2.445	2.598	2.920	3.158	3.444	3.769	3.967	4.019	4.044	4.069	4.094	4.462	5.118
VERT. ALIGNMENT	G=-0.165% L=107.735				R=7235.044 LVC=30.000							G=0.250% L=89.836				
HORIZ. ALIGNMENT	R=1000.000 L=104.962							L=30.000 A=173.205			L=34.269 STRAIGHT			L=30.000 A=173.205		R=1000.000 L=61.917
CANT	50mm						1+524.193			1+554.193			1+588.461			1+618.461

EAST LOOP PROFILE
SCALE 1:250 (H) 1:25 (V)

NOTES

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- CESS WALKWAY

LONGITUDINAL PROFILE

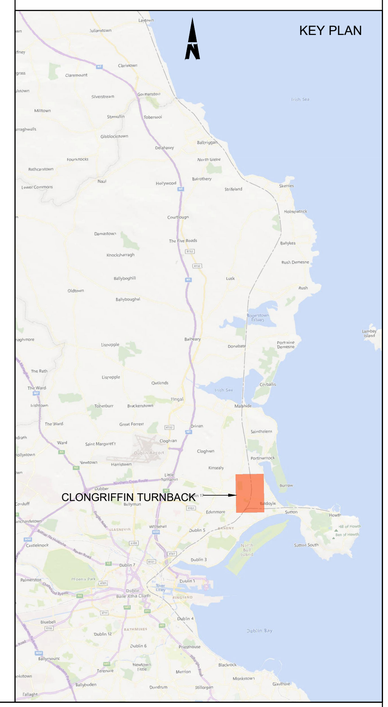
- PROPOSED MAIN RAIL
- EXISTING MAIN RAIL
- EXISTING GROUND

PVC (Point of Start of Curve)
PVT (Point of Start of Tangent)
PVI (Point of Intersection)

CROSS SECTION

- PROPOSED ELEMENTS
- EXISTING ELEMENTS
- EXISTING GROUND

KEY PLAN



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DART+ Coastal North

NTA Údarás Náisiúnta Iompair National Transport Authority

Tionscadal Éireann Project Ireland 2040

Rev	Date	Drn	Chk'd	App'd	Description
P01	13/10/2023	MV	SS	DB	PLANNING ISSUE

Client: Iarnród Éireann Irish Rail
Engineering Designer: ARUP

Date	Scale AS SHOWN @ A1	Drawn	Checked	Approved
01/06/2023		MV	SS	DB

Project Code	Originator Code	QMS Code
D+WP56	ARP	280275-00

Project Title: DART+ COASTAL NORTH
Drawing Title: CLONGRIFFIN TURNBACK TRACK ALIGNMENT

Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-P4-NL-DR-RO-000356	7 of 12	S3	P01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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DUBLIN

MALAHIDE

MATCH LINE

EXISTING CULVERT - UBB18

MAYNE RIVER & CATTLE PASS UNDERBRIDGE - UBB19

DOWN

UP

10+660 10+680 10+700 10+720 10+740 10+760 10+780 10+800 10+820

PROPOSED CULVERT EXTENSION UBB 18. REFER TO D+WP56-ARP-P4-NL-DR-RO-000342 FOR DETAILS

PROPOSED EMBANKMENT TOE

EAST LOOP LINE

MAYNE RIVER

PROPOSED BRIDGE. REFER TO D+WP56-ARP-P4-NL-DR-RO-000342 FOR DETAILS

PLAN
SCALE 1:250

UBB19 Bridge Extension - Mayne River Bridge

MAYNE RIVER & CATTLE PASS UNDERBRIDGE - UBB19

PVT PVI PVC PVT PVI

11.0 10.0 9.0 8.0

DATUM: 8.00

CHAINAGE	10+670	10+680	10+690	10+700	10+710	10+720	10+730	10+740	10+750	10+760	10+770	10+780	10+790	10+800	10+810
EXISTING LEVEL	4.526	4.453	4.272	4.500	4.500	4.097	4.000	4.101	4.233	4.405	4.792	3.338	5.365	5.554	5.568	5.567
PROPOSED LEVEL	9.644	9.669	9.689	9.701	9.704	9.704	9.704	9.704	9.704	9.704	9.704	9.704	9.704	9.704	9.697	9.673
LEVEL DIFFERENCE	5.118	5.216	5.417	5.201	5.204	5.607	5.704	5.603	5.471	5.299	4.912	6.366	4.339	4.150	4.129	4.107
VERT. ALIGNMENT	G=0.250% L=89.836		R=12000.894 LVC=30.000			G=0.000% L=91.620							L=200.903	R=8000.000 LVC=30.000		
HORIZ. ALIGNMENT	R=1000.000 L=61.917 50mm						L=30.000 A=173.205						STRAIGHT			
CANT							1+680.379			1+710.379						

EAST LOOP PROFILE
SCALE 1:250 (H) 1:25 (V)

NOTES

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LEGEND

PLAN

- DEVELOPMENT BOUNDARY
- RUNNING LINE
- SIDINGS
- PROPOSED TRACK WORK
- TRACK WORK TO BE REMOVED
- EXISTING STATION PLATFORMS
- CESS WALKWAY

LONGITUDINAL PROFILE

- PROPOSED MAIN RAIL
- EXISTING MAIN RAIL
- EXISTING GROUND

PVC (Point of Start of Curve)
PVT (Point of Start of Tangent)
PVI (Point of Intersection)

CROSS SECTION

- PROPOSED ELEMENTS
- EXISTING ELEMENTS
- EXISTING GROUND

KEY PLAN

CLONGRIFFIN TURNBACK

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DART+ Coastal North

NTA Údarás Náisiúnta Iompair National Transport Authority

Tionscadal Éireann Project Ireland 2040

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Client: Iarnród Éireann Irish Rail

Engineering Designer: ARUP

Date	Scale AS SHOWN @ A1	Drawn	Checked	Approved
01/06/2023		MV	SS	DB

Project Code	Originator Code	QMS Code
D+WP56	ARP	280275-00

Project Title: DART+ COASTAL NORTH

Drawing Title: CLONGRIFFIN TURNBACK TRACK ALIGNMENT

Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-P4-NL-DR-RO-000357	8 of 12	S3	P01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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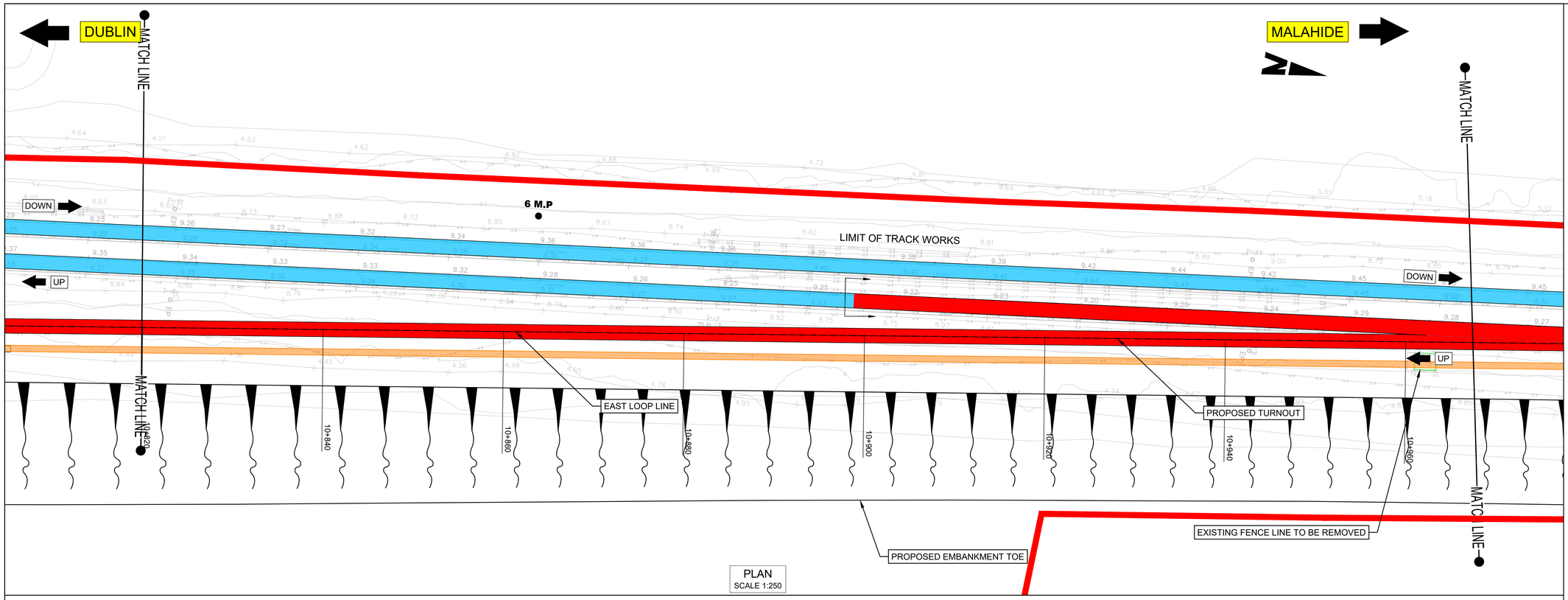
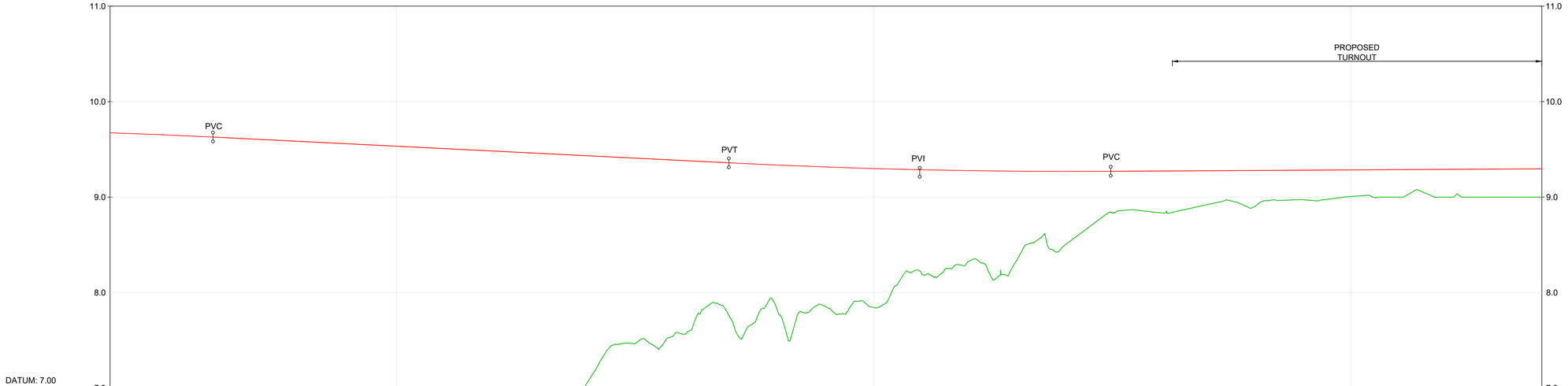


PLAN
SCALE 1:250



DATUM: 7.00

CHAINAGE	10+820	10+830	10+840	10+850	10+860	10+870	10+880	10+890	10+900	10+910	10+920	10+930	10+940	10+950	10+960
EXISTING LEVEL	5.567	6.009	6.323	6.728	6.716	7.059	7.564	7.785	7.844	8.330	8.495	8.836	8.907	9.006	9.000	9.000
PROPOSED LEVEL	9.673	9.633	9.583	9.533	9.483	9.433	9.383	9.335	9.299	9.277	9.269	9.273	9.279	9.285	9.291	9.297
LEVEL DIFFERENCE	4.107	3.624	3.260	2.805	2.767	2.374	1.819	1.550	1.455	0.947	0.774	0.438	0.372	0.279	0.291	0.297
VERT. ALIGNMENT	R=6000.000 LVC=30.000	G=-0.500% L=54.049						R=7171.598 LVC=40.000				G=0.058% L=107.908				
HORIZ. ALIGNMENT	L=200.903														L=42.062 A=243.635	
CANT	STRAIGHT														1+911.282	

EAST LOOP PROFILE
SCALE 1:250 (H) 1:25 (V)

NOTES

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LEGEND

PLAN

- DEVELOPMENT BOUNDARY
- RUNNING LINE
- SIDINGS
- PROPOSED TRACK WORK
- TRACK WORK TO BE REMOVED
- EXISTING STATION PLATFORMS
- CESS WALKWAY

LONGITUDINAL PROFILE

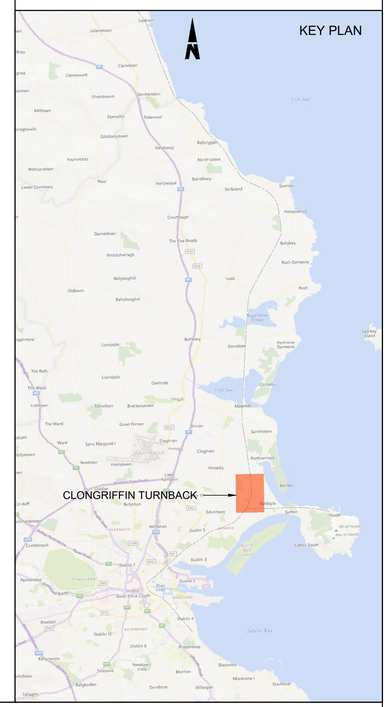
- PROPOSED MAIN RAIL
- EXISTING MAIN RAIL
- EXISTING GROUND

PVC (Point of Start of Curve)
PVT (Point of Start of Tangent)
PVI (Point of Intersection)

CROSS SECTION

- PROPOSED ELEMENTS
- EXISTING ELEMENTS
- EXISTING GROUND

KEY PLAN



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DART+ Coastal North
NTA Údarás Náisiúnta Iompair National Transport Authority
Tionscadal Éireann Project Ireland 2040

Rev	Date	Drn	Chk'd	App'd	Description
P01	13/10/2023	MV	SS	DB	PLANNING ISSUE

Client: Iarnród Éireann Irish Rail
Engineering Designer: ARUP

Date	Scale AS SHOWN @ A1	Drawn	Checked	Approved
01/06/2023		MV	SS	DB

Project Code	Originator Code	QMS Code
D+WP56	ARP	280275-00

Project Title: **DART+ COASTAL NORTH**
Drawing Title: CLONGRIFFIN TURNBACK TRACK ALIGNMENT

Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-P4-NL-DR-RO-000358	9 of 12	S3	P01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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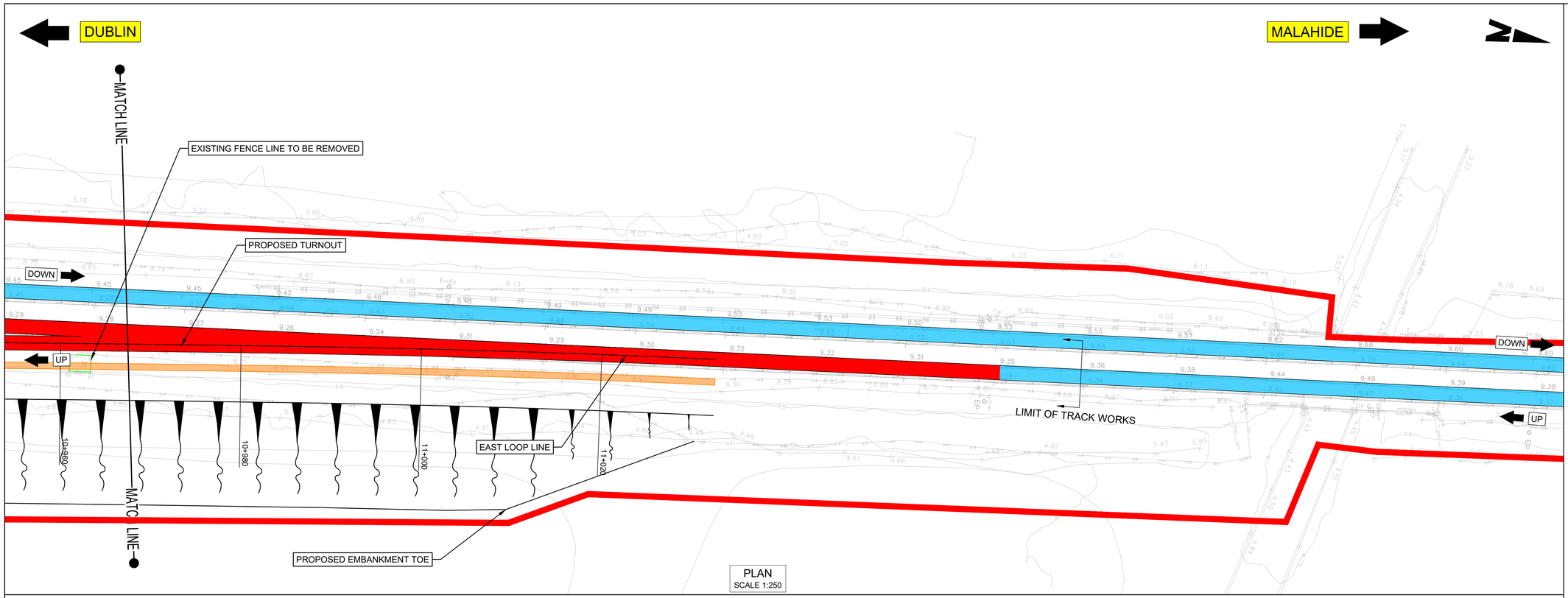
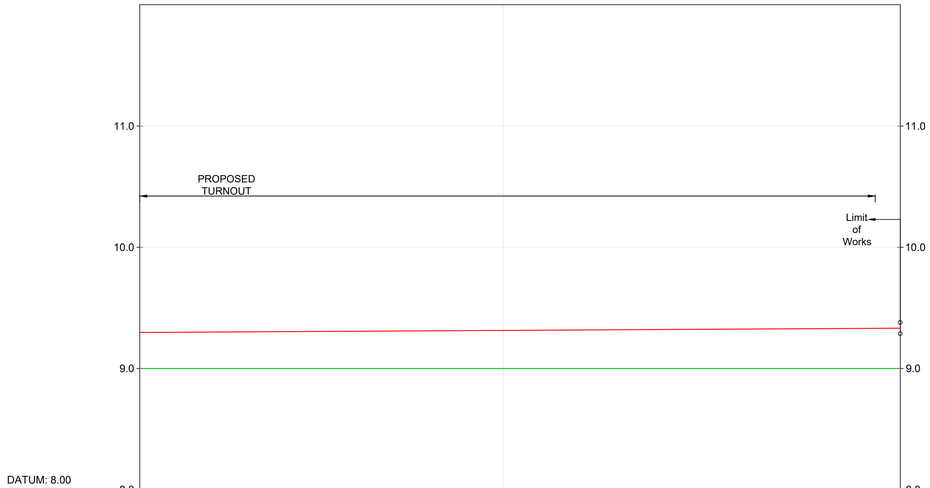


PLAN
SCALE 1:250



DATUM: 8.00

CHAINAGE	10+970	10+980	10+990	11+000	11+010	11+020	11+030	11+033
EXISTING LEVEL	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000
PROPOSED LEVEL	9.297	9.302	9.308	9.314	9.320	9.325	9.331	9.333
LEVEL DIFFERENCE	0.297	0.302	0.308	0.314	0.320	0.325	0.331	0.333
VERT. ALIGNMENT				G=0.058%				
				L=107.908				
HORIZ. ALIGNMENT		L=42.062				R=1411.200		
		A=243.635				L=29.396		
CANT				0mm				
				1+953.344		1+966.240		1+995.748

EAST LOOP PROFILE
SCALE 1:250 (H) 1:25 (V)

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PLAN

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- CESS WALKWAY

LONGITUDINAL PROFILE

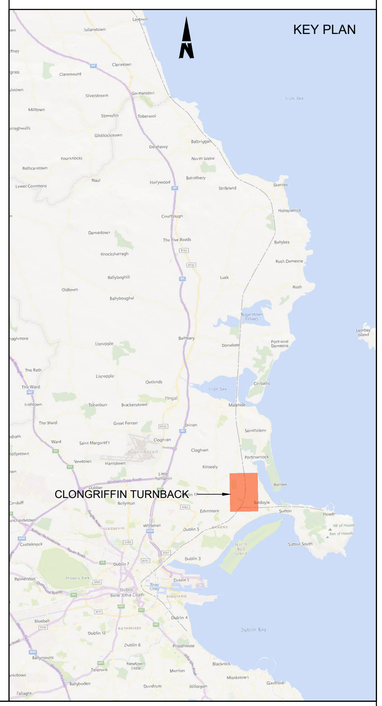
- PROPOSED MAIN RAIL
- EXISTING MAIN RAIL
- EXISTING GROUND

PVC (Point of Start of Curve)
PVT (Point of Start of Tangent)
PVI (Point of Intersection)

CROSS SECTION

- PROPOSED ELEMENTS
- EXISTING ELEMENTS
- EXISTING GROUND

KEY PLAN



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01/06/2023		MV	SS	DB

Project Code	Originator Code	QMS Code
D+WP56	ARP	280275-00

Project Title: DART+ COASTAL NORTH
Drawing Title: CLONGRIFFIN TURNBACK TRACK ALIGNMENT

Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-P4-NL-DR-RO-000359	10 of 12	S3	P01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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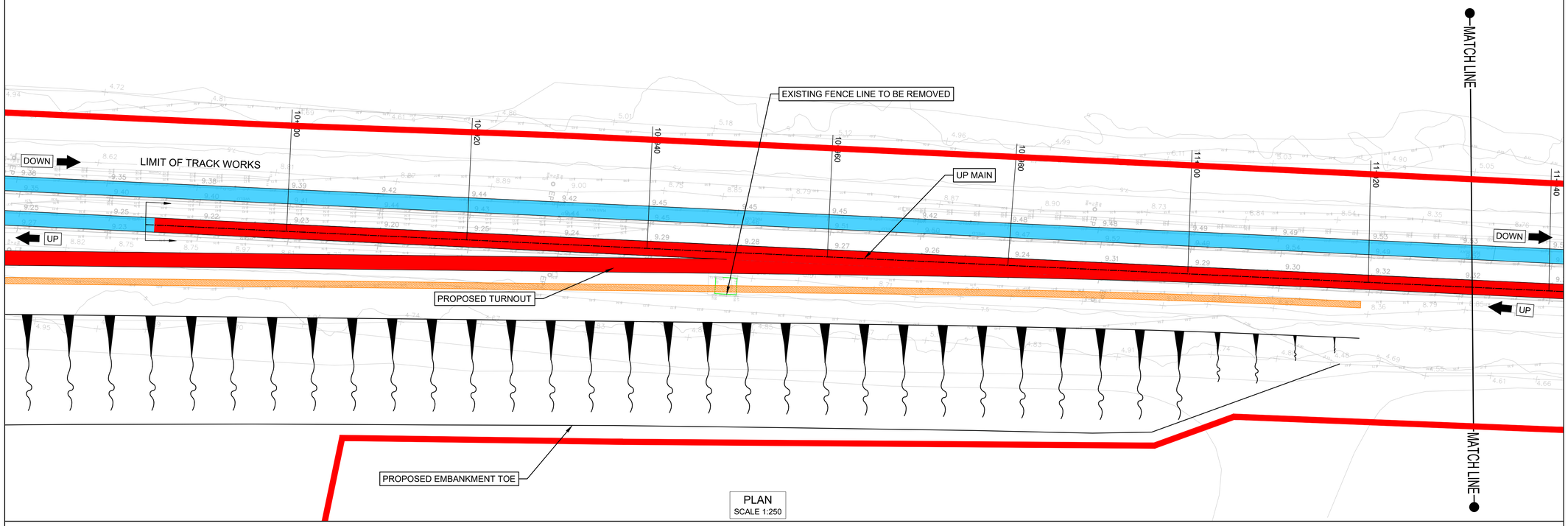
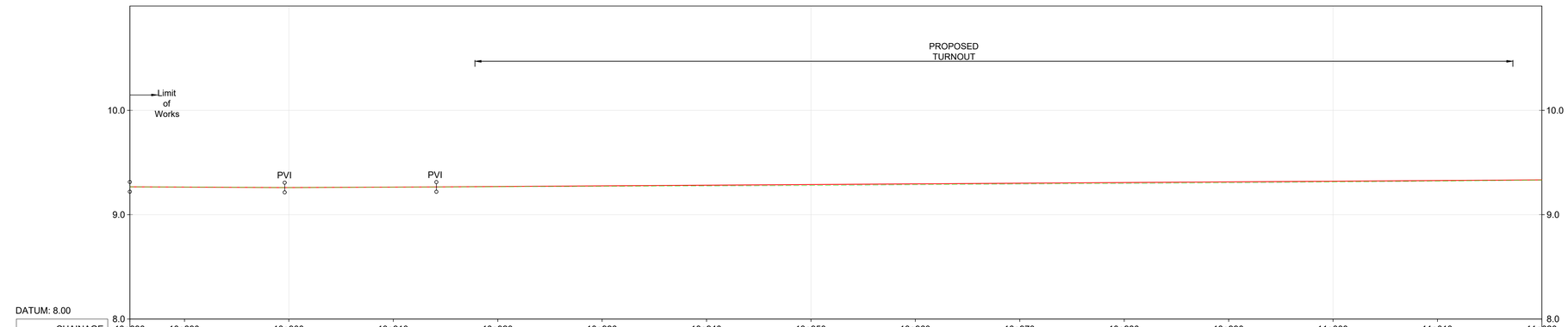
DUBLIN

MALAHIDE



PLAN
SCALE 1:250



CHAINAGE	10+880	10+890	10+900	10+910	10+920	10+930	10+940	10+950	10+960	10+970	10+980	10+990	11+000	11+010	11+020
EXISTING LEVEL	9.267	9.265	9.260	9.264	9.268	9.272	9.276	9.279	9.287	9.294	9.299	9.305	9.314	9.322	9.332
PROPOSED LEVEL		9.264	9.260	9.264	9.269	9.276	9.282	9.288	9.295	9.301	9.308	9.314	9.320	9.327	9.333
LIFT / LOWER		-0.001	0.000	0.000	-0.001	-0.004	-0.006	-0.009	-0.008	0.008	-0.008	-0.009	-0.007	-0.005	0.002
VERT. ALIGNMENT		G=-0.048% L=14.826		G=0.040% L=14.527						G=0.064% L=109.886					
HORIZ. ALIGNMENT	L=7.413	L=7.413	L=7.413	L=7.264						L=117.149					
	STRAIGHT	STRAIGHT	STRAIGHT	STRAIGHT						STRAIGHT					

UP TRACK PROFILE
SCALE 1:250 (H) 1:25 (V)

NOTES

1. Chainages, levels and coordinates are shown in meters. All other dimensions are shown in millimeters, unless otherwise stated. All clearance and six-foot intervals are quoted to running edges (RE)
2. Track gauge to be nominal 1602mm for plain line and 1600mm for P&C
3. All P&C shall be vertical rail. All P&C geometries shall be in accordance with IE manufacturers' drawings and CCE-TMS-300 Track Construction Requirements and Tolerances
4. Radii quoted are from track centreline, unless otherwise stated
5. Modular compliant layouts throughout
6. Proposed and existing overhead line equipment (OHLE) is not shown in plan or profile. Refer to Book 3 Linear Works Plans for OHLE shown in plan.
7. For details of lineside civils infrastructure such as troughing routes and substations, refer to the Book 3 Linear Works Plans.

LEGEND

PLAN

- DEVELOPMENT BOUNDARY
- RUNNING LINE
- SIDINGS
- PROPOSED TRACK WORK
- TRACK WORK TO BE REMOVED
- EXISTING STATION PLATFORMS
- CESS WALKWAY

LONGITUDINAL PROFILE

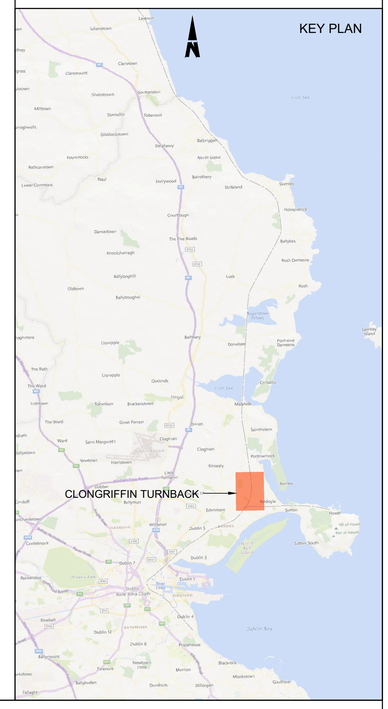
- PROPOSED MAIN RAIL
- EXISTING MAIN RAIL
- EXISTING GROUND

PVC (Point of Start of Curve)
PVT (Point of Start of Tangent)
PVI (Point of Intersection)

CROSS SECTION

- PROPOSED ELEMENTS
- EXISTING ELEMENTS
- EXISTING GROUND

KEY PLAN



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DART+ Coastal North

NTA Údarás Náisiúnta Iompair National Transport Authority

Tionscadal Éireann Project Ireland 2040

Rev	Date	Drn	Chk'd	App'd	Description
P01	13/10/2023	MV	SS	DB	PLANNING ISSUE

Client: Iarnród Éireann Irish Rail

Engineering Designer: ARUP

Date: 01/06/2023
Scale: AS SHOWN @ A1
Drawn: MV
Checked: SS
Approved: DB
Project Code: D+WP56
Originator Code: ARP
QMS Code: 280275-00

Project Title: DART+ COASTAL NORTH

Drawing Title: CLONGRIFFIN TURNBACK TRACK ALIGNMENT

Drawing File Name: D+WP56-ARP-P4-NL-DR-RO-000360
Sheet Number: 11 of 12
Status: S3
Rev: P01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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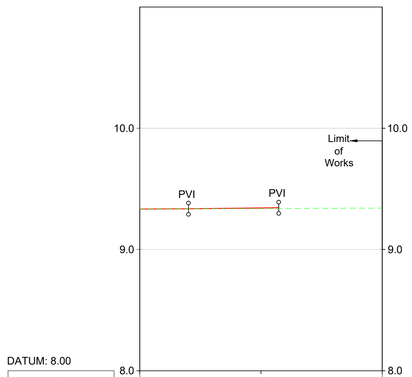
PLAN
SCALE 1:250



CHAINAGE	11+020	11+030	11+040
EXISTING LEVEL	9.332	9.342	9.346
PROPOSED LEVEL	9.333	9.342	9.342
LIFT / LOWER	0.002	0.000	
VERT. ALIGNMENT	G=0.064% L=109.886 L=117.149	G=0.107% L=7.453 L=7.453	
HORIZ. ALIGNMENT	STRAIGHT	STRAIGHT	

DATUM: 8.00

UP TRACK PROFILE
SCALE 1:250 (H) 1:25 (V)

NOTES

1. Chainages, levels and coordinates are shown in meters. All other dimensions are shown in millimeters, unless otherwise stated. All clearance and six-foot intervals are quoted to running edges (RE)
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7. For details of lineside civils infrastructure such as troughing routes and substations, refer to the Book 3 Linear Works Plans.

LEGEND

PLAN

- DEVELOPMENT BOUNDARY
- RUNNING LINE
- SIDINGS
- PROPOSED TRACK WORK
- TRACK WORK TO BE REMOVED
- EXISTING STATION PLATFORMS
- CESS WALKWAY

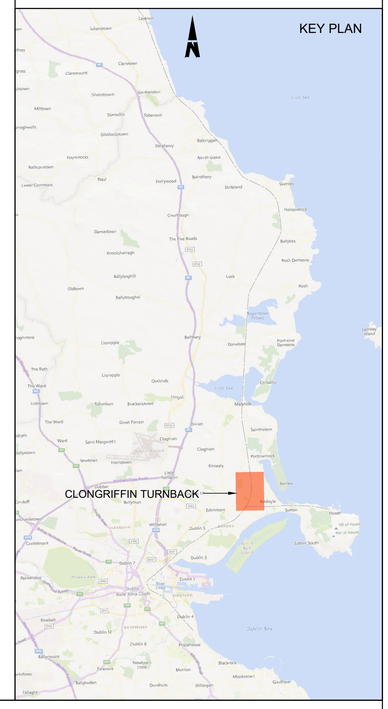
LONGITUDINAL PROFILE

- PROPOSED MAIN RAIL
- EXISTING MAIN RAIL
- EXISTING GROUND

PVC (Point of Start of Curve)
PVT (Point of Start of Tangent)
PVI (Point of Intersection)

CROSS SECTION

- PROPOSED ELEMENTS
- EXISTING ELEMENTS
- EXISTING GROUND



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DART+ Coastal North

NTA Údarás Náisiúnta Iompair National Transport Authority

Tionscadal Éireann Project Ireland 2040

Rev	Date	Drn	Chk'd	App'd	Description
P01	13/10/2023	MV	SS	DB	PLANNING ISSUE

Client: Iarnród Éireann Irish Rail

Engineering Designer: ARUP

Date	Scale	Drawn	Checked	Approved
01/06/2023	AS SHOWN @ A1	MV	SS	DB

Project Code	Originator Code	QMS Code
D+WP56	ARP	280275-00

Project Title: **DART+ COASTAL NORTH**

Drawing Title: CLONGRIFFIN TURNBACK TRACK ALIGNMENT

Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-P4-NL-DR-RO-000361	12 of 12	S3	P01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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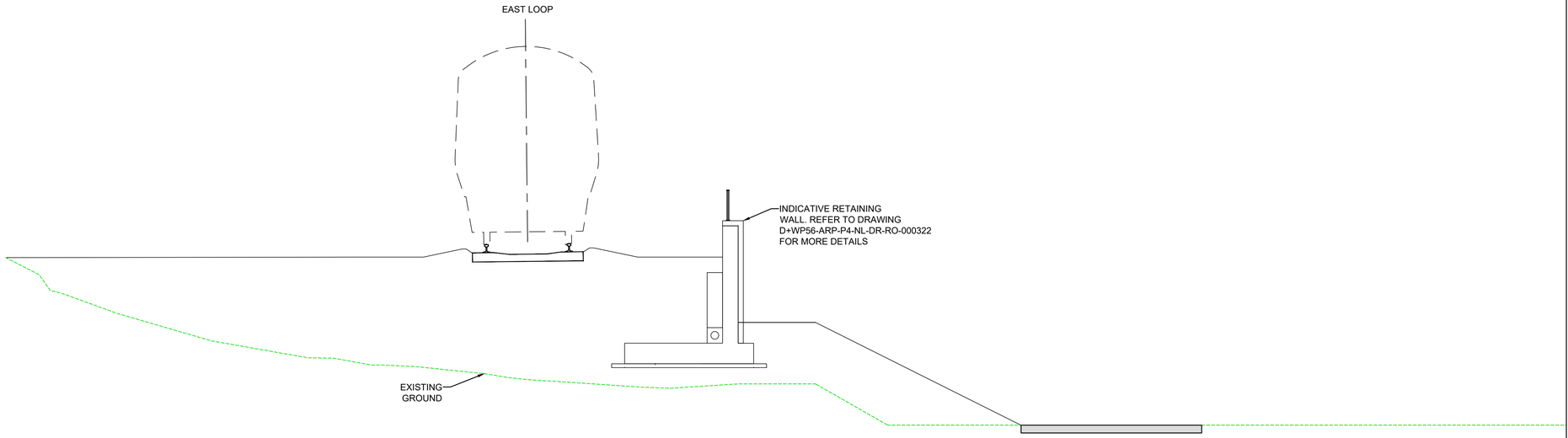
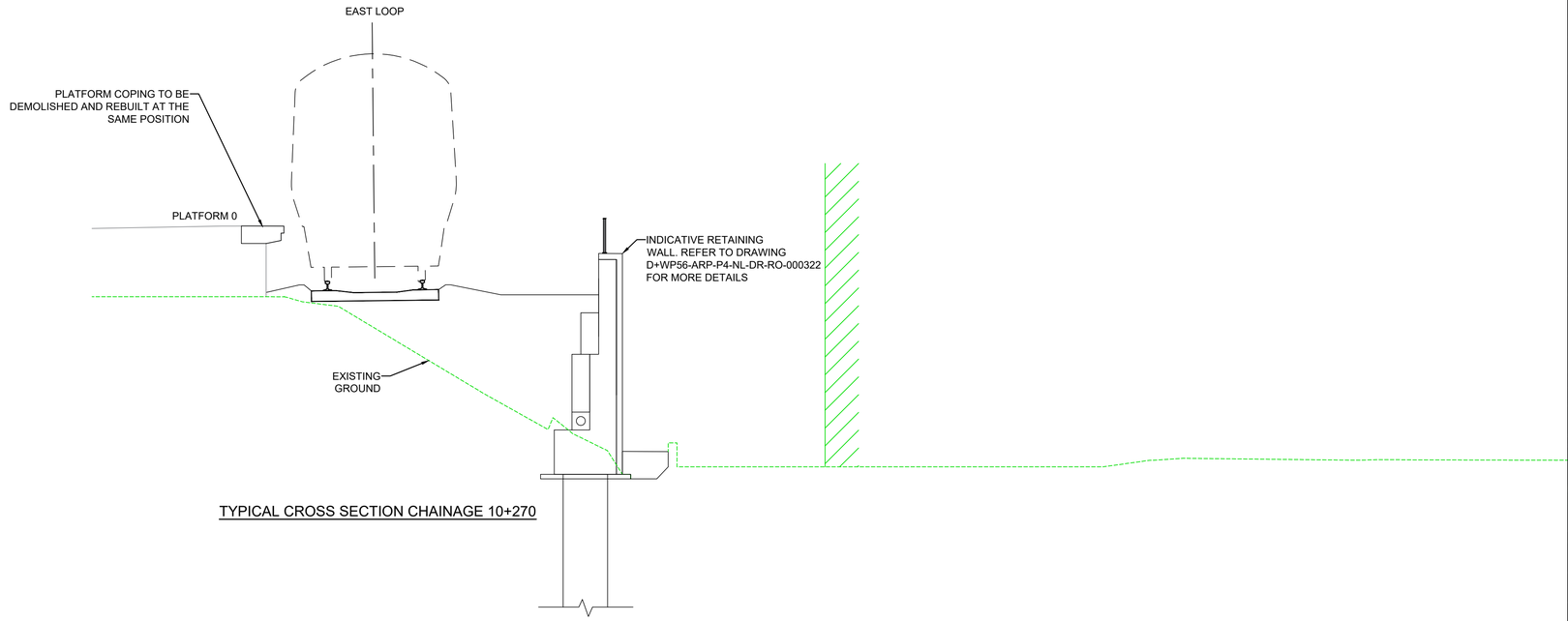


TYPICAL CROSS SECTION CHAINAGE 10+210



TYPICAL CROSS SECTION CHAINAGE 10+270

NOTES

1. Chainages, levels and coordinates are shown in meters. All other dimensions are shown in millimeters, unless otherwise stated. All clearance and six-foot intervals are quoted to running edges (RE)
2. Track gauge to be nominal 1602mm for plain line and 1600mm for P&C
3. All P&C shall be vertical rail. All P&C geometries shall be in accordance with IE manufacturers' drawings and CCE-TMS-300 Track Construction Requirements and Tolerances
4. Radii quoted are from track centreline, unless otherwise stated
5. Modular compliant layouts throughout

LEGEND

PLAN

- DEVELOPMENT BOUNDARY
- RUNNING LINE
- SIDINGS
- PROPOSED TRACK WORK
- TRACK WORK TO BE REMOVED
- EXISTING STATION PLATFORMS
- CESS WALKWAY

LONGITUDINAL PROFILE

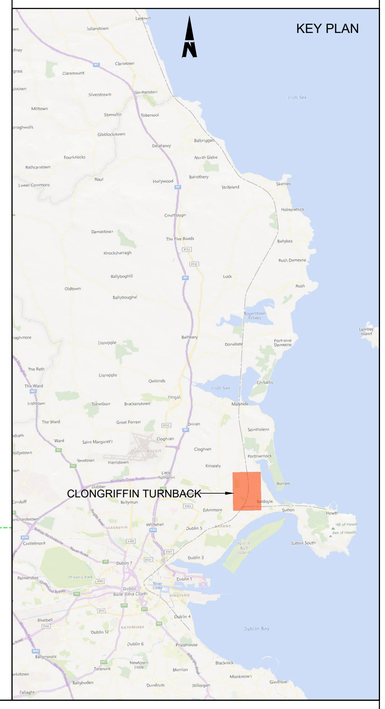
- PROPOSED MAIN RAIL
- EXISTING MAIN RAIL
- EXISTING GROUND

PVC (Point of Start of Curve)
PVT (Point of Start of Tangent)
PVI (Point of Intersection)

CROSS SECTION

- PROPOSED ELEMENTS
- EXISTING ELEMENTS
- EXISTING GROUND

KEY PLAN



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DART+ Coastal North

NTA Údarás Náisiúnta Iompair National Transport Authority

Tionscadal Éireann Project Ireland 2040

Rev	Date	Drn	Chk'd	App'd	Description
P01	01/09/2023	SS	AS	DB	PLANNING ISSUE

Client: Iarnród Éireann Irish Rail

Engineering Designer: ARUP

Date	Scale	Drawn	Checked	Approved
01/06/2023	1:50 @ A1 @ A3	SS	AS	DB

Project Code	Originator Code	QMS Code
D+WP56	ARP	280275-00

Project Title: **DART+ COASTAL NORTH**

Drawing Title: CLONGRIFFIN TURNBACK TYPICAL CROSS SECTIONS

Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-P4-NL-DR-RO-000362	01 of 01	S3	P01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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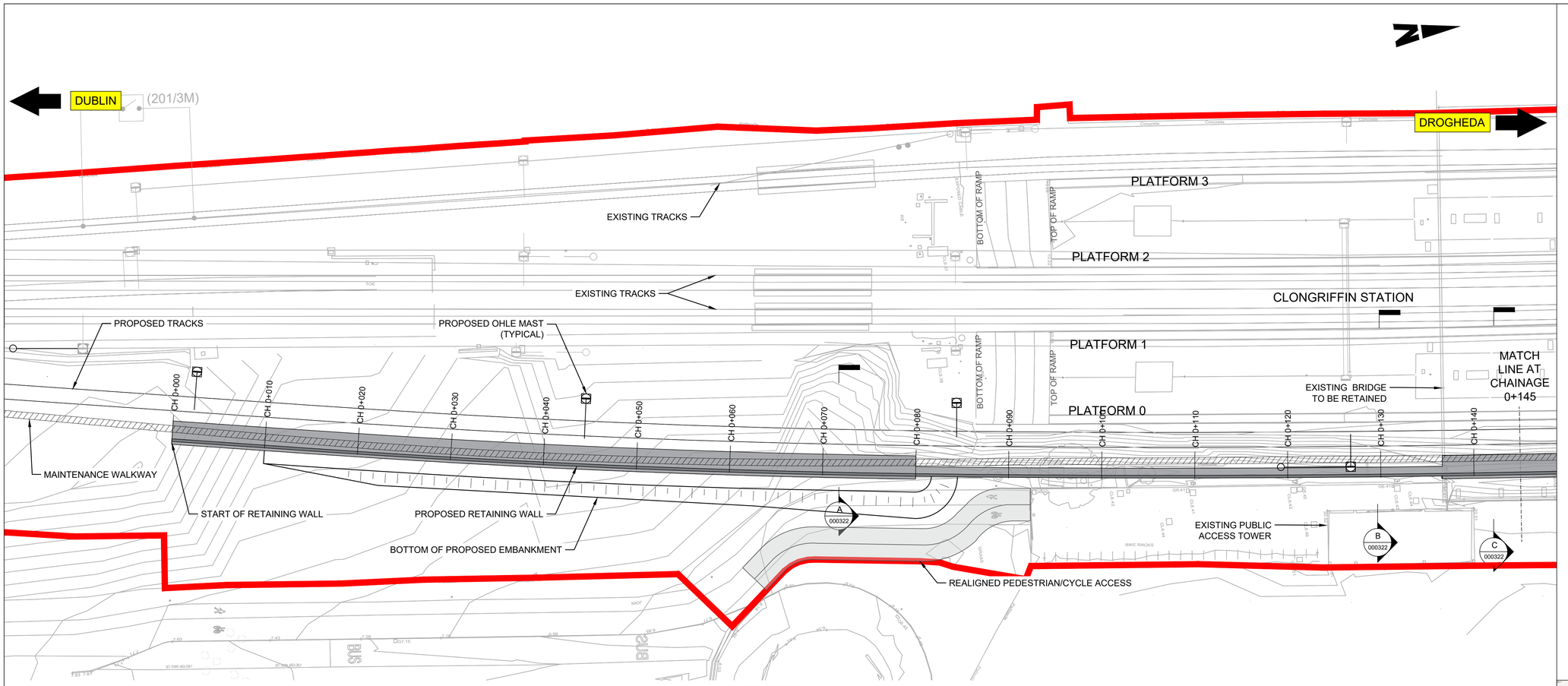
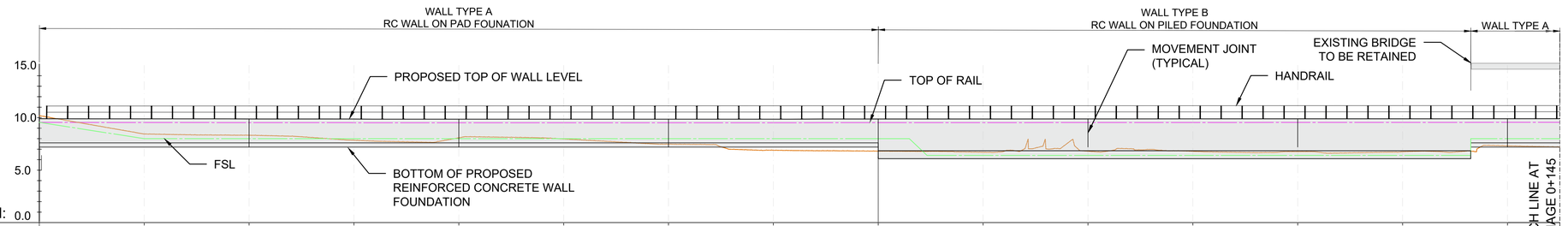


PLAN
SCALE 1:250



CHAINAGE	00.000	0+010	0+020	0+030	0+040	0+050	0+060	0+070	0+080	0+090	0+100	0+110	0+120	0+130	0+140
EXISTING GROUND LEVEL	10.183	8.447	8.325	7.848	8.083	7.973	7.471	6.896	6.810	6.697	6.800	6.793	6.750	6.745	7.313
TOP OF RAIL LEVEL	9.558	9.536	9.528	9.520	9.515	9.512	9.514	9.518	9.523	9.528	9.533	9.538	9.543	9.548	9.553
TOP OF RETAINING WALL LEVEL	9.908	9.886	9.878	9.870	9.865	9.862	9.864	9.868	9.873	9.878	9.883	9.888	9.893	9.898	9.903

WALL PROFILE
SCALE 1:250 (H) 1:250 (V)

NOTES

1. ALL MEASUREMENTS IN MILLIMETERS UNLESS NOTED OTHERWISE.
2. ALL LEVELS ARE METERS ABOVE ORDINANCE DATUM.
3. DO NOT SCALE FROM THIS DRAWING.

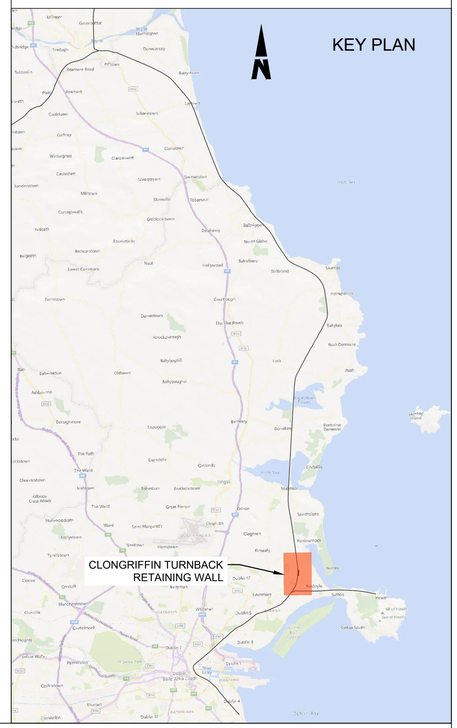
LEGEND

PLAN

- DEVELOPMENT BOUNDARY
- PROPOSED ELEMENTS
- EXISTING ELEMENTS
- EXISTING OHLE STRUCTURE
- PROPOSED OHLE STRUCTURE

ELEVATION

- PROPOSED ELEMENTS
- EXISTING GROUND LEVEL
- TOP OF RAIL LEVEL
- FINISH SURFACE LEVEL (FSL)



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DART+ Coastal North

NTA Údarás Náisiúnta Iompair National Transport Authority

Tionscadal Éireann Project Ireland 2040

Rev	Date	Drn	Chk'd	App'd	Description
P01	13/10/2023	AA	CG	DB	PLANNING ISSUE

Client: Iarnród Éireann Irish Rail

Engineering Designer: ARUP

Date	Scale AS SHOWN @ A1	Drawn	Checked	Approved
01/06/2023		AA	CG	DB

Project Code	Originator Code	QMS Code
D+WP56	ARP	280275-00

Project Title: DART+ COASTAL NORTH

Drawing Title: CLONGRIFFIN TURNBACK RETAINING WALL PLAN & ELEVATION

Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-P4-NL-DR-RO-000320	01 of 03	S3	P01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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DUBLIN

DROGHEDA

PLATFORM 3

PLATFORM 2

PLATFORM 1

PLATFORM 0

CLONGRIFFIN STATION

TOP OF RAMP

BOTTOM OF RAMP

PROPOSED OHLE MAST (TYPICAL)

MATCH LINE AT CHAINAGE 0+145

CH 0+140 CH 0+150 CH 0+160 CH 0+170 CH 0+180 CH 0+190 CH 0+200 CH 0+210 CH 0+220 CH 0+230 CH 0+240 CH 0+250 CH 0+260 CH 0+270 CH 0+280 CH 0+290 CH 0+292.116

END OF RETAINING WALL

BOTTOM OF PROPOSED EMBANKMENT

C 000322

D 000322

PLAN
SCALE 1:250

MATCH LINE AT CHAINAGE 0+145

WALL TYPE A
RC WALL ON PAD FOUNATION

EXISTING BRIDGE TO BE RETAINED

MOVEMENT JOINT (TYPICAL)

HANDRAIL

PROPOSED TOP OF WALL LEVEL

TOP OF RAIL

FSL

BOTTOM OF PROPOSED REINFORCED CONCRETE WALL FOUNDATION

15.0
10.0
5.0
0.0 DATUM:

CHAINAGE	EXISTING GROUND LEVEL	TOP OF RAIL LEVEL	TOP OF RETAINING WALL LEVEL
0+150	7.192	9.558	9.908
0+160	7.044	9.563	9.913
0+170	6.890	9.568	9.918
0+180	7.024	9.573	9.923
0+190	7.099	9.578	9.928
0+200	7.160	9.583	9.933
0+210	7.140	9.588	9.938
0+220	7.258	9.593	9.943
0+230	7.305	9.598	9.948
0+240	7.399	9.603	9.953
0+250	7.533	9.608	9.958
0+260	7.698	9.613	9.963
0+270	7.822	9.618	9.968
0+280	8.074	9.623	9.973
0+290	8.013	9.625	9.975
0+292.116	8.500	9.625	9.975

WALL PROFILE
SCALE 1:250 (H) 1:250 (V)

NOTES

1. ALL MEASUREMENTS IN MILLIMETERS UNLESS NOTED OTHERWISE.
2. ALL LEVELS ARE METERS ABOVE ORDINANCE DATUM.
3. DO NOT SCALE FROM THIS DRAWING.

LEGEND

PLAN

- DEVELOPMENT BOUNDARY
- PROPOSED ELEMENTS
- EXISTING ELEMENTS
- EXISTING OHLE STRUCTURE
- PROPOSED OHLE STRUCTURE

ELEVATION

- PROPOSED ELEMENTS
- EXISTING GROUND LEVEL
- TOP OF RAIL LEVEL
- FINISH SURFACE LEVEL

KEY PLAN

CLONGRIFFIN TURNBACK RETAINING WALL

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DART+ Coastal North

NTA Údarás Náisiúnta Iompair National Transport Authority

Tionscadal Éireann Project Ireland 2040

Rev	Date	Drn	Chk'd	App'd	Description
P01	13/10/2023	AA	CG	DB	PLANNING ISSUE

Client: Iarnród Éireann Irish Rail

Engineering Designer: ARUP

Date	Scale	Drawn	Checked	Approved
01/06/2023	AS SHOWN @ A1 @ A3	AA	CG	DB

Project Code	Originator Code	QMS Code
D+WP56	ARP	280275-00

Project Title: DART+ COASTAL NORTH

Drawing Title: CLONGRIFFIN TURNBACK RETAINING WALL PLAN & ELEVATION

Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-P4-NL-DR-RO-000321	02 of 03	S3	P01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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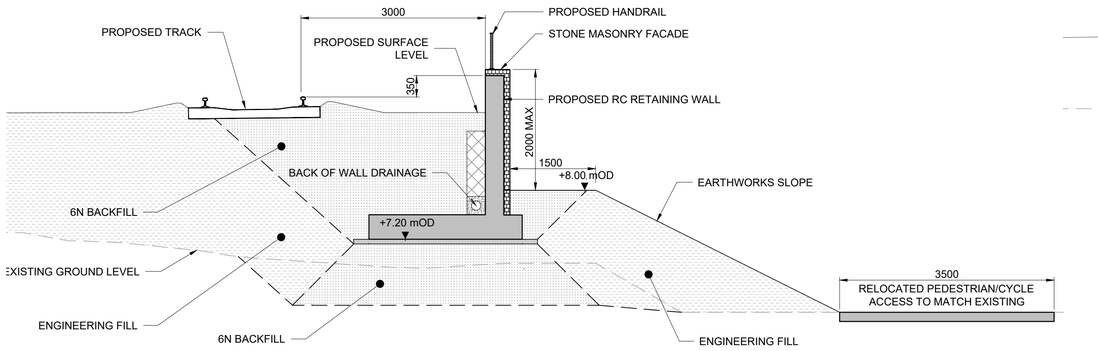
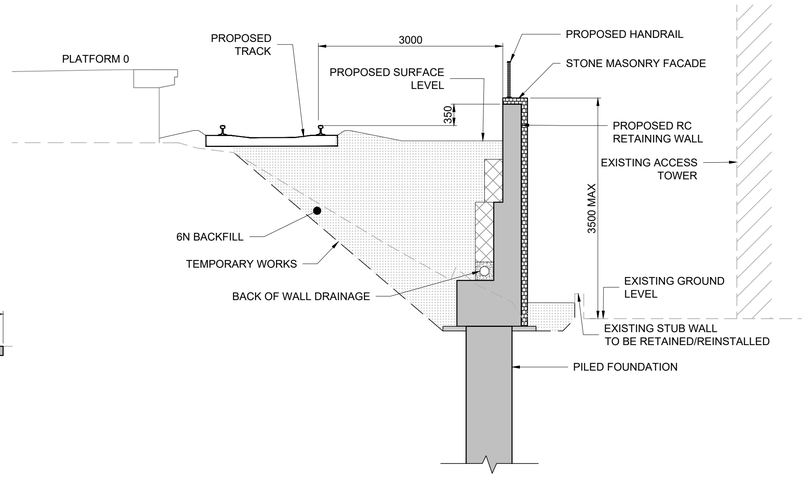


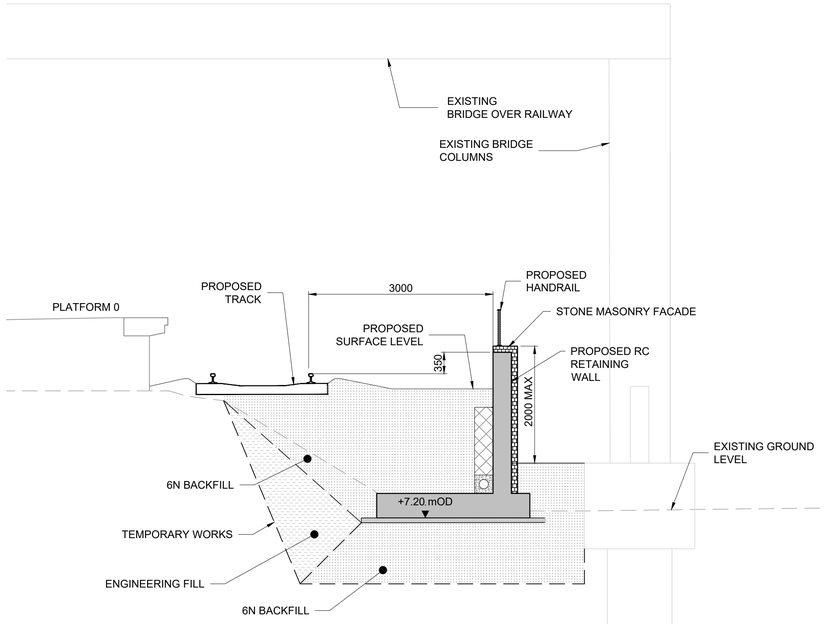
SECTION A-A

(WALL TYPE A)
SCALE 1:50



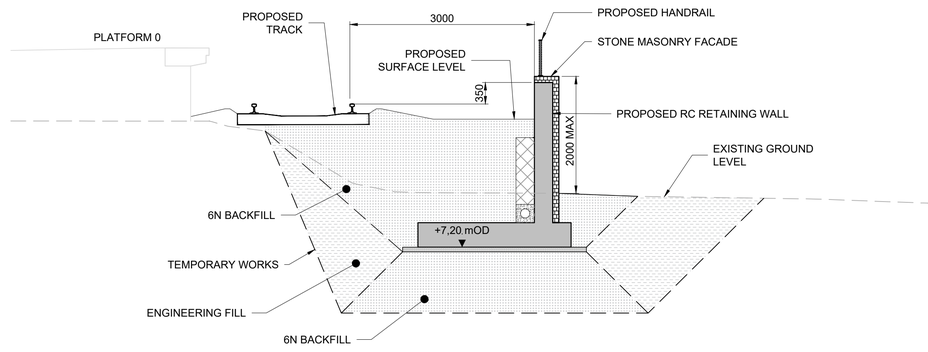
SECTION B-B

(WALL TYPE B)
SCALE 1:50



SECTION C-C

(WALL TYPE A)
SCALE 1:50



SECTION D-D

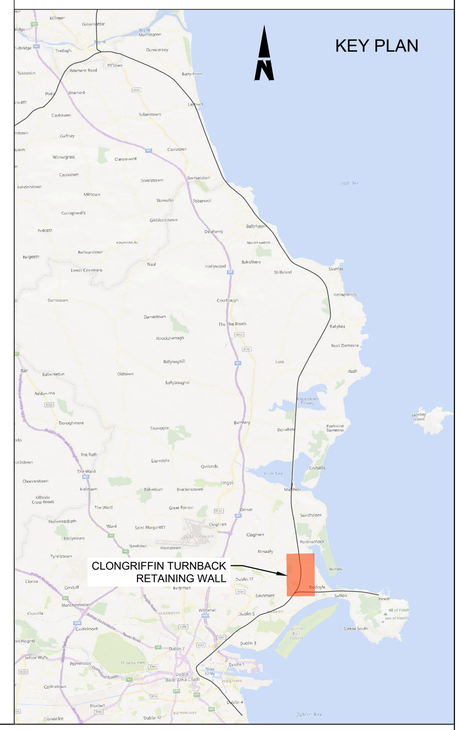
(WALL TYPE A)
SCALE 1:50

NOTES

1. ALL MEASUREMENTS IN MILLIMETERS UNLESS NOTED OTHERWISE.
2. ALL LEVELS ARE METERS ABOVE ORDINANCE DATUM.
3. DO NOT SCALE FROM THIS DRAWING.

LEGEND

- PROPOSED ELEMENTS
- EXISTING ELEMENTS



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DART+ Coastal North

NTA Údarás Náisiúnta Iompair National Transport Authority

Tionscadal Éireann Project Ireland 2040

Rev	Date	Drn	Chk'd	App'd	Description
P01	13/10/2023	AA	CG	DB	PLANNING ISSUE

Client: Iarnród Éireann Irish Rail

Engineering Designer: ARUP

Date	Scale	Drawn	Checked	Approved
01/06/2023	1:50 @ A1 1:25 @ A3	AA	CG	DB

Project Code	Originator Code	QMS Code
D+WP56	ARP	280275-00

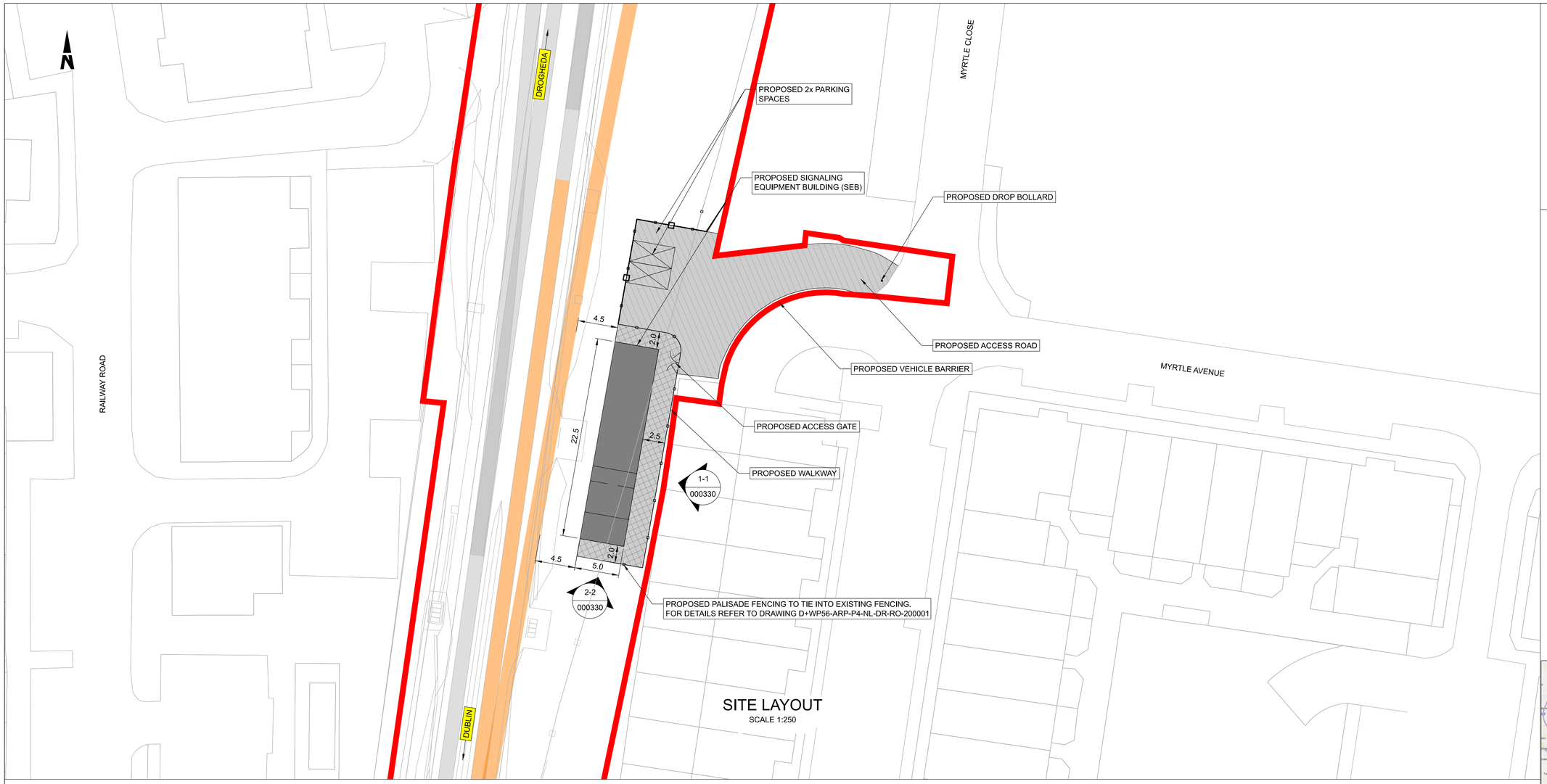
Project Title: **DART+ COASTAL NORTH**

Drawing Title: CLONGRIFFIN TURNBACK RETAINING WALL CROSS SECTIONS

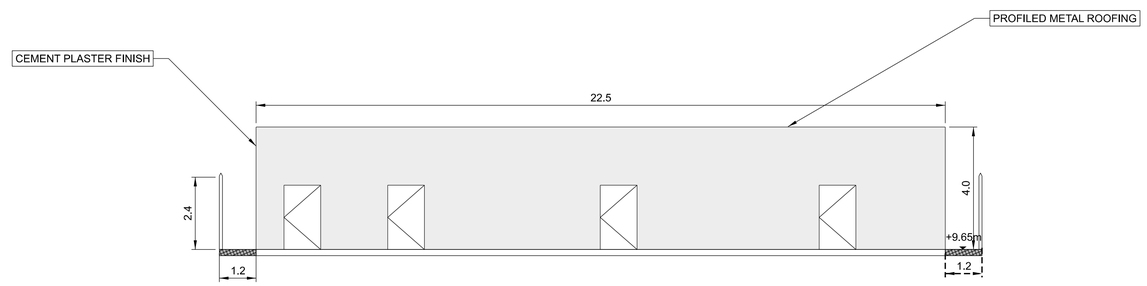
Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-P4-NL-DR-RO-000322	03 of 03	S3	P01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

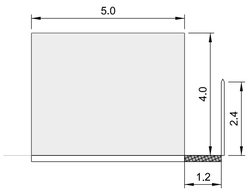
C:\bms\arup-eur-pw-01\dms\37345\D+WP56-ARP-P4-NL-DR-RO-000322.dwg



SITE LAYOUT
SCALE 1:250



1-1 000330 ELEVATION 1-1
1:100



2-2 000330 ELEVATION 2-2
1:100

NOTES

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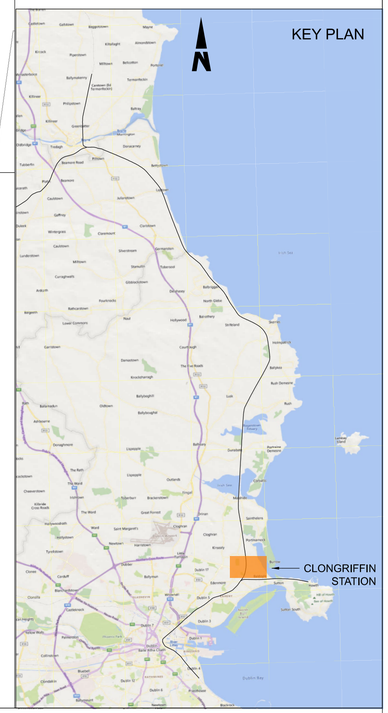
7. THE DART+ COASTAL NORTH PROJECT IS POSITIONED ACCORDING TO THE IRISH TRANSVERSE MERCATOR (ITM) COORDINATE SYSTEM.
8. REFER TO BOOK 3 LINEAR WORKS PLANS FOR DETAILS OF OHLE AND LINESIDE CIVILS INFRASTRUCTURE SUCH AS TROUGHING AND FENCING.

LEGEND

- DEVELOPMENT BOUNDARY
- EXISTING ELEMENTS
- EXISTING TRACKWORK
- PROPOSED ACCESS ROAD
- PROPOSED WALKWAY
- PROPOSED SIGNALING EQUIPMENT BUILDING (SEB)
- PROPOSED TRACK WORK



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DART+ Coastal North

NTA Údarás Náisiúnta Iompair National Transport Authority

Tionscadal Éireann Project Ireland 2040

Rev	Date	Drn	Chk'd	App'd	Description
P01	28/11/2023	SF	EJ	DB	PLANNING ISSUE

Client: Iarnród Éireann Irish Rail

Engineering Designer: ARUP

Project Title: DART+ COASTAL NORTH

Drawing Title: CLONGRIFFIN STATION PROPOSED SIGNALLING EQUIPMENT BUILDING

Date	Scale	Drawn	Checked	Approved
01/06/2023	AS SHOWN @ A1 @ A3	SF	EJ	DB

Project Code	Originator Code	QMS Code	Drawing File Name	Sheet Number	Status	Rev
D+WP56	ARUP	279933-00	D+WP56-ARP-P4-NL-DR-RO-000330	1 of 1	S3	P01

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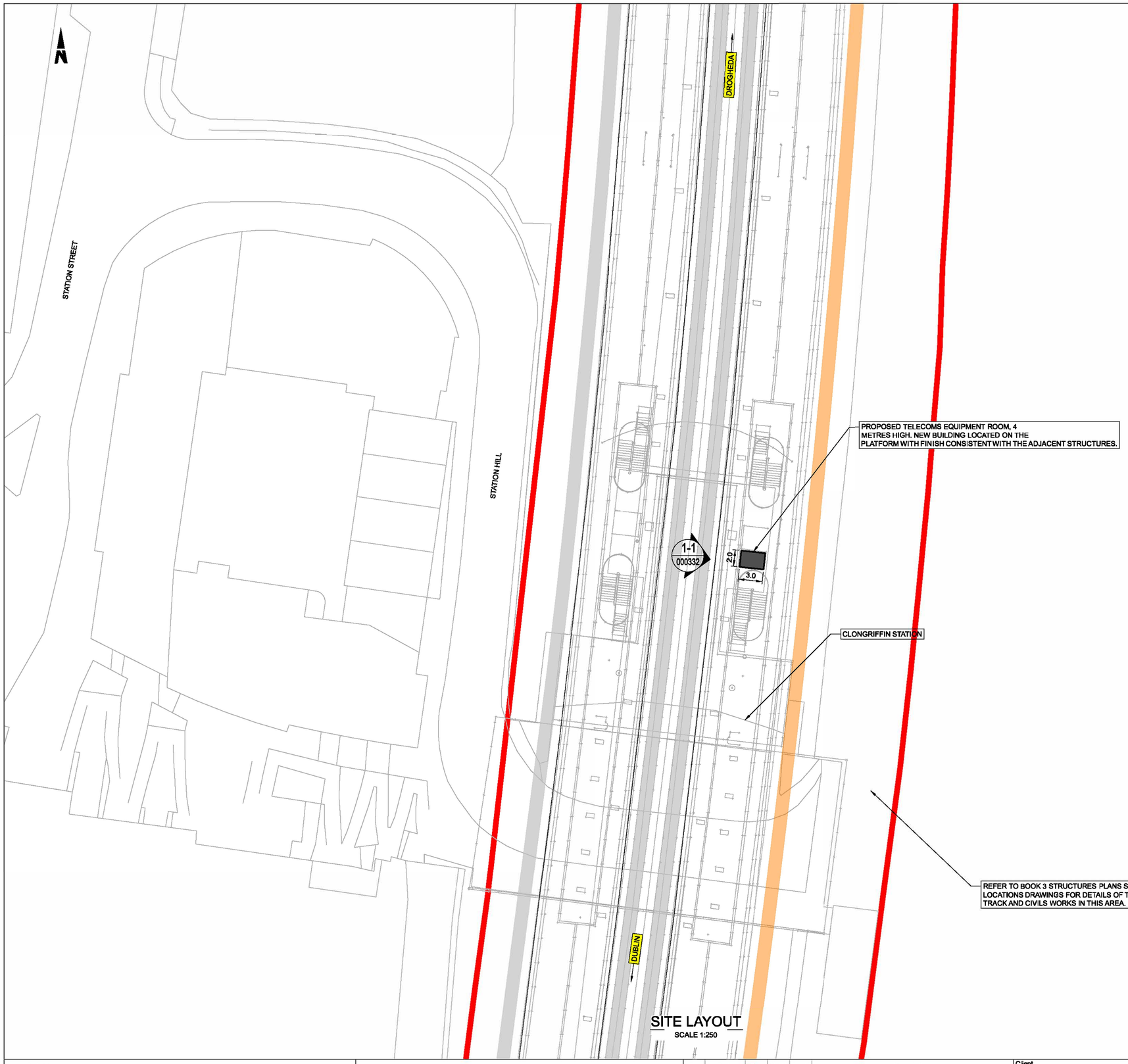

SITE LAYOUT
SCALE 1:250

NOTES

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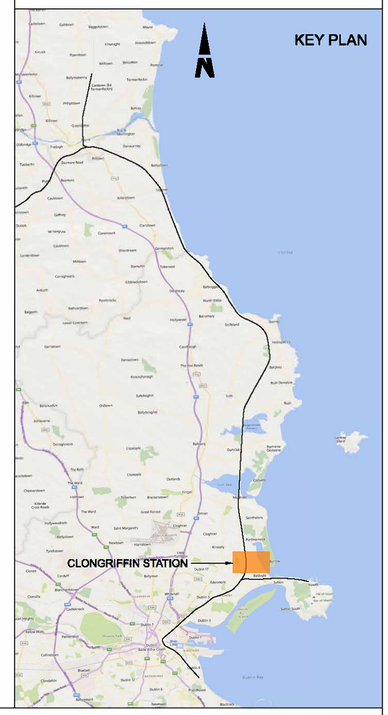
8. REFER TO BOOK 3 LINEAR WORKS PLANS FOR DETAILS OF OHLE AND LINESIDE CIVILS INFRASTRUCTURE SUCH AS TROUGHING AND FENCING.

LEGEND

- DEVELOPMENT BOUNDARY
- EXISTING ELEMENTS
- PROPOSED ELEMENTS
- EXISTING TRACK
- PROPOSED TRACK WORK

KEY PLAN



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DART+ Coastal North

NTA Údarás Náisiúnta Iompair National Transport Authority

Tionscadal Éireann Project Ireland 2040

Rev	Date	Drn	Chk'd	App'd	Description
P01	28/11/2023	SF	EJ	DB	PLANNING ISSUE

Client: Iarnród Éireann Irish Rail

Engineering Designer: ARUP

Date	Scale	Drawn	Checked	Approved
01/06/2023	1:250 @ A1 1:500 @ A3	SF	EJ	DB

Project Code	Originator Code	QMS Code
D+WP56	ARUP	279933-00

Project Title: DART+ COASTAL NORTH

Drawing Title: CLONGRIFFIN STATION
PROPOSED TELECOMS EQUIPMENT ROOM

Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-P4-NL-DR-RO-000331	1 of 1	S3	P01

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NOTES

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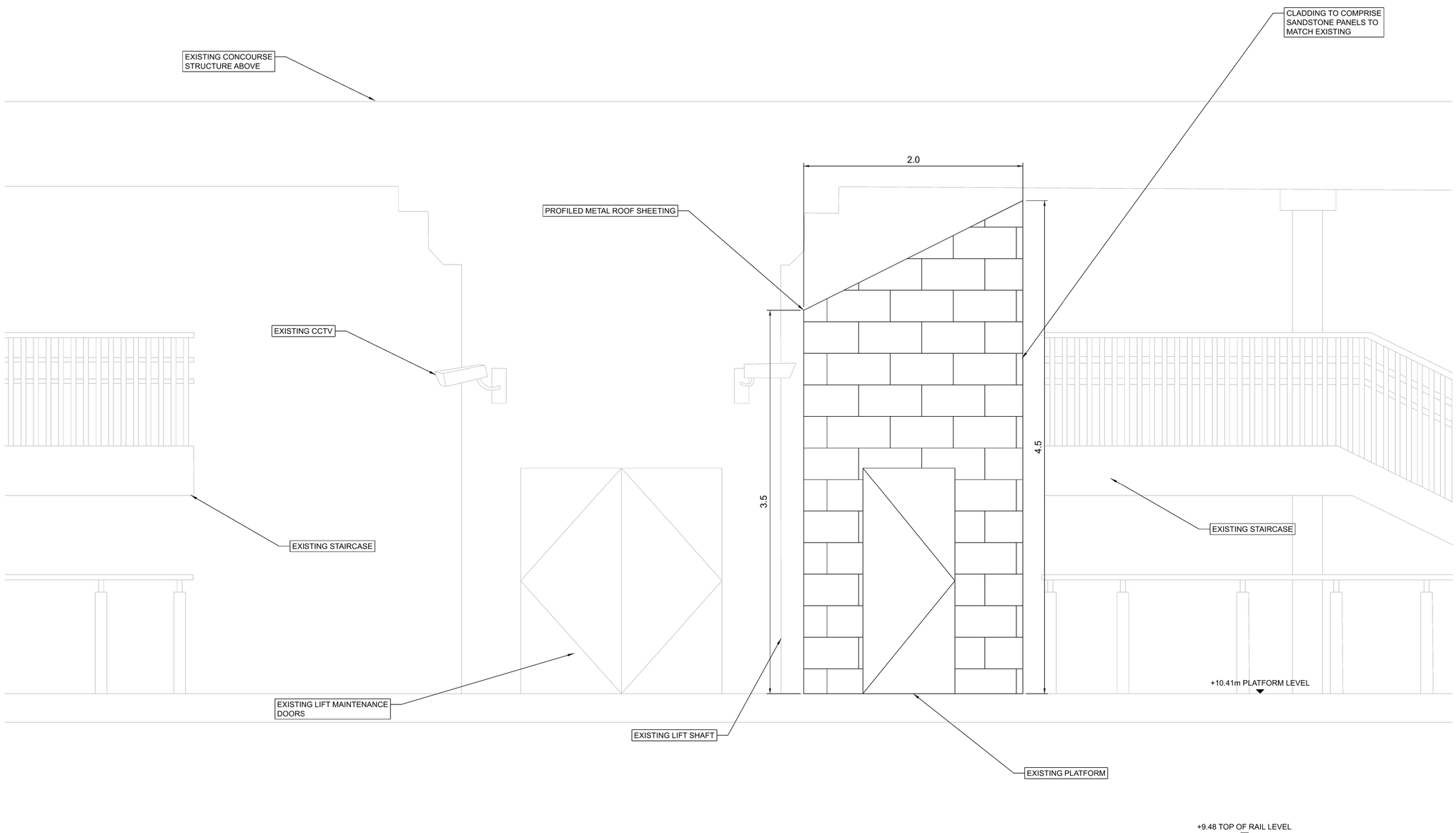
4. ALL CHAINAGES ARE IN KILOMETERS.
5. DRAWING TO BE PRINTED IN COLOUR.
6. ALL LEVELS ARE IN METERS ABOVE ORDNANCE DATUM (MOD) UNLESS OTHERWISE STATED.
7. THE DART+ COASTAL NORTH PROJECT IS POSITIONED ACCORDING TO THE IRISH TRANSVERSE MERCATOR (ITM) COORDINATE SYSTEM.

LEGEND

EXISTING ELEMENTS

PROPOSED ELEMENTS



ELEVATION A

SCALE 1:50

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DART+ Coastal North

NTA Údarás Náisiúnta Iompair National Transport Authority

Tionscadal Éireann Project Ireland 2040

Rev	Date	Drn	Chk'd	App'd	Description
P01	28/11/2023	JC	EJ	DB	PLANNING ISSUE

Client: Iarnród Éireann Irish Rail

Engineering Designer: ARUP

Project Title: DART+ COASTAL NORTH

Drawing Title: CLONGRIFFIN STATION TER ELEVATION

Date 01/06/2023	Scale 1:50 @ A1, 1:100 @ A3	Drawn JC	Checked EJ / Approved DB
Project Code D+WP56	Originator Code ARUP	QMS Code 279933-00	

Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-P4-NL-DR-RO-000332	1 of 1	S3	P01

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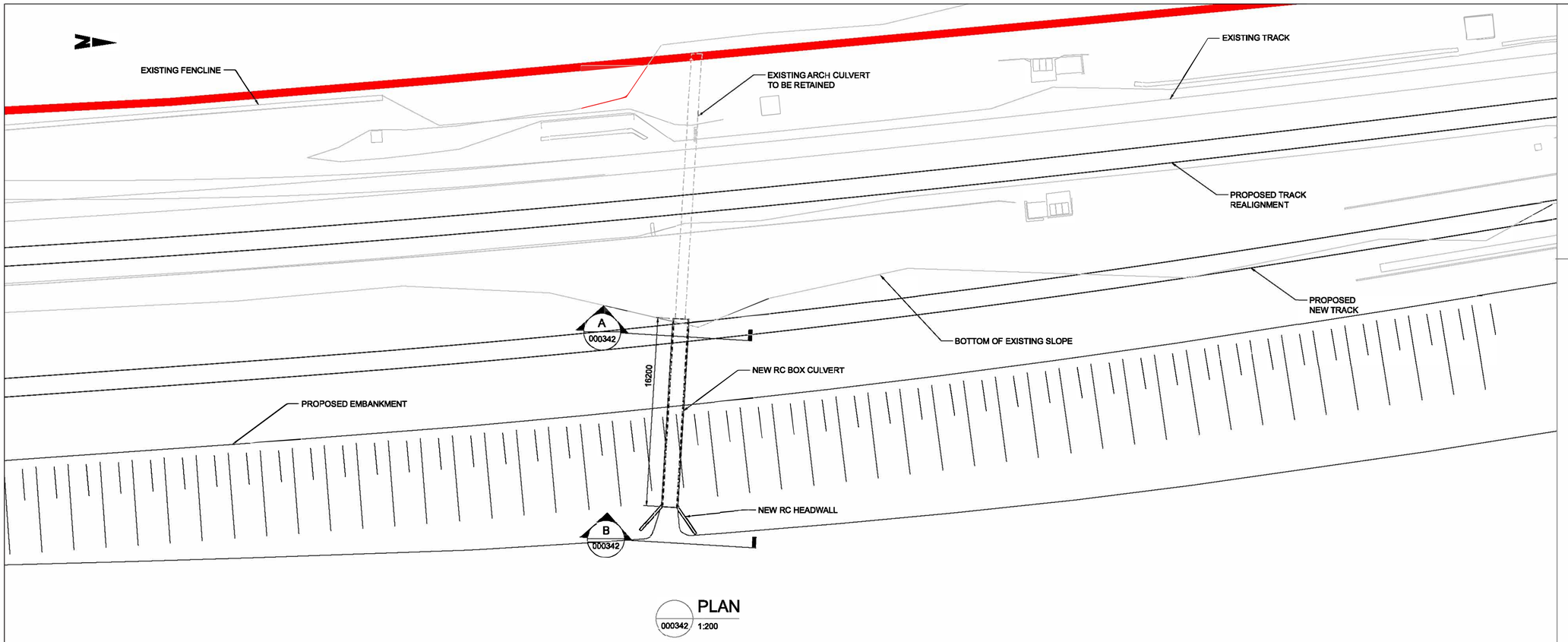

PLAN
000342 1:200

NOTES

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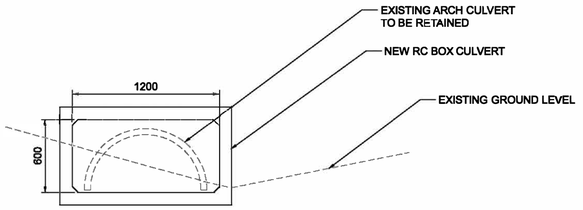
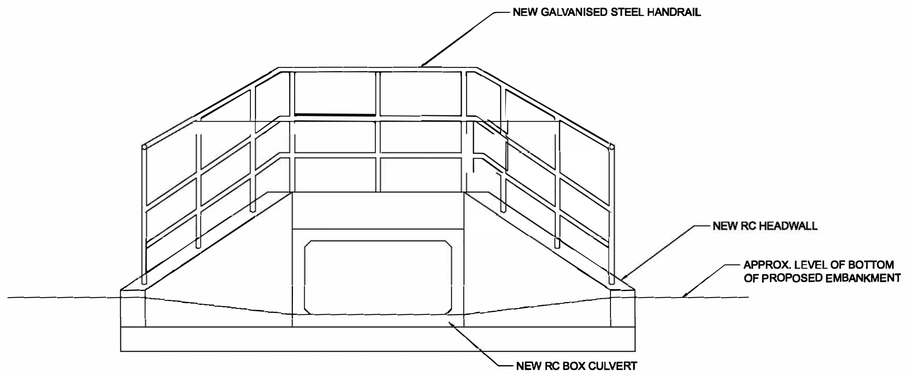
2. ALL LEVELS ARE SHOWN IN METERS ABOVE ORDINANCE DATUM.
3. DO NOT SCALE FROM THIS DRAWING.
4. PROPOSED AND EXISTING OVERHEAD LINE EQUIPMENT (OHLE) IS NOT SHOWN IN PLAN OR ELEVATION.
5. REFER TO BOOK 3 LINEAR WORKS PLANS FOR OHLE AND LINESIDE CIVILS ELEMENTS SHOWN IN PLAN.

LEGEND

- DEVELOPMENT BOUNDARY
- PROPOSED ELEMENTS
- EXISTING ELEMENTS

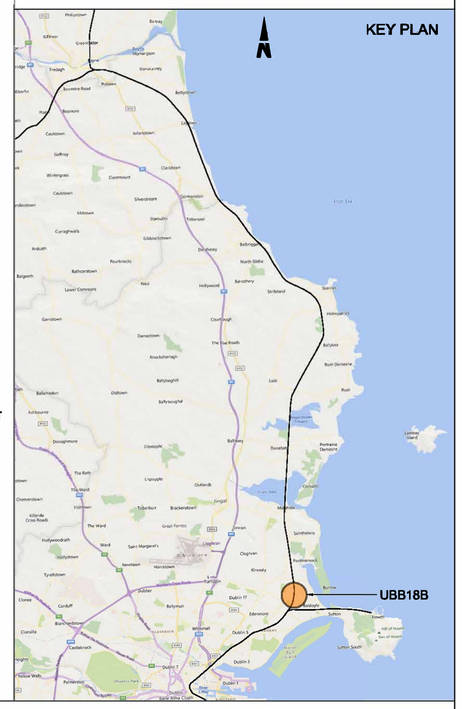


A SECTION A
000342 1:25



B SECTION B
000342 1:25

KEY PLAN



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DART+ Coastal North

NTA Údarás Náisiúnta Iompair National Transport Authority

Tionscadal Éireann Project Ireland 2040

Rev	Date	Drn	Chk'd	App'd	Description
P01	13/10/23	TS	CG	DB	PLANNING ISSUE

Client: Iarnród Éireann Irish Rail

Engineering Designer: ARUP

Date	Scale	Drawn	Checked	Approved
13/10/2023	SHOWN@ A1 - @ A3	TS	CG	DB

Project Code	Originator Code	QMS Code
D+WP56	ARP	280275-00

DART+ COASTAL NORTH

Drawing Title: UBB18B CULVERT EXTENSION GENERAL ARRANGEMENT

Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-P4-NL-DR-RO-000342	01 of 01	S3	P01

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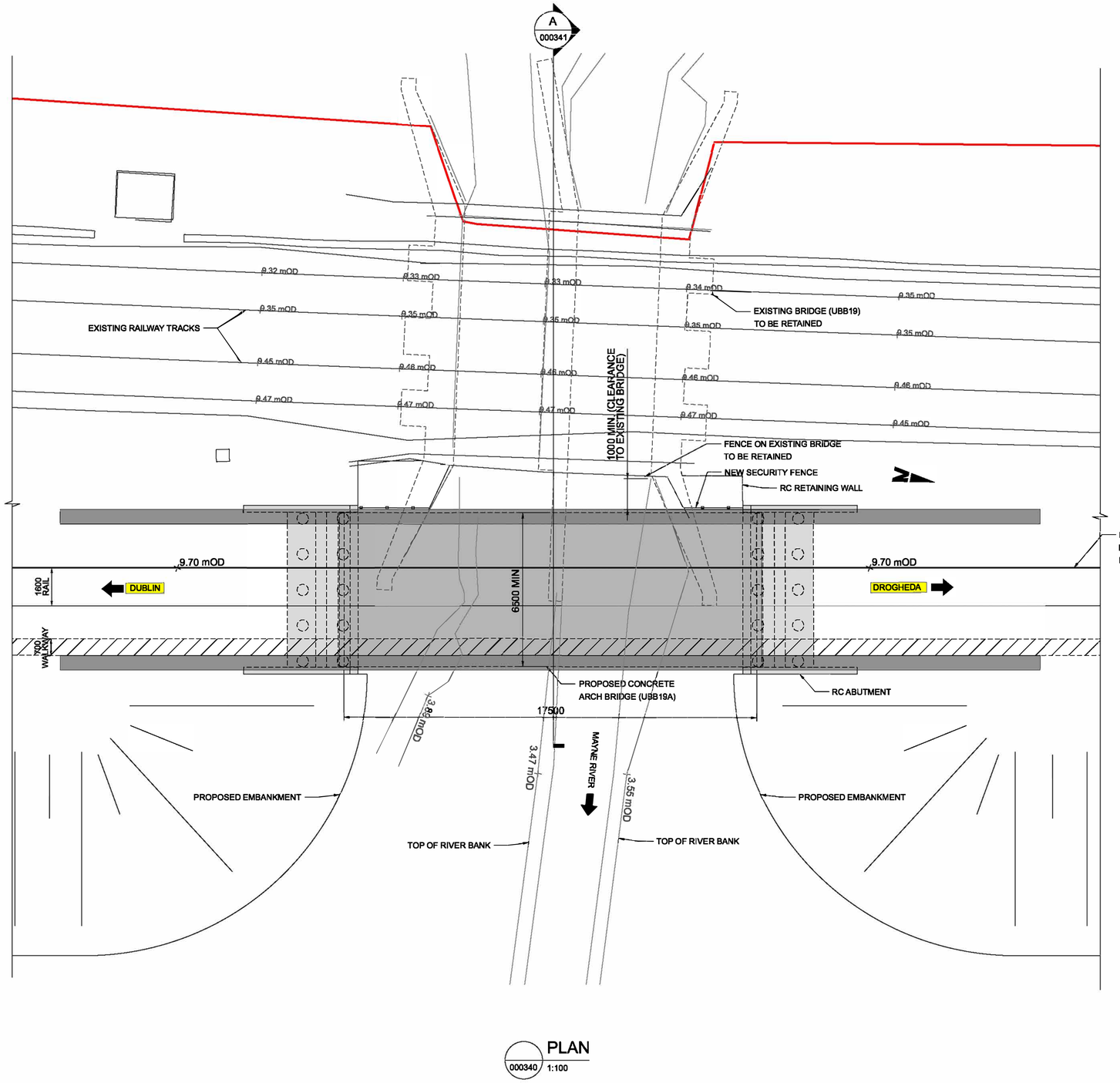

PLAN
000340 1:100

NOTES

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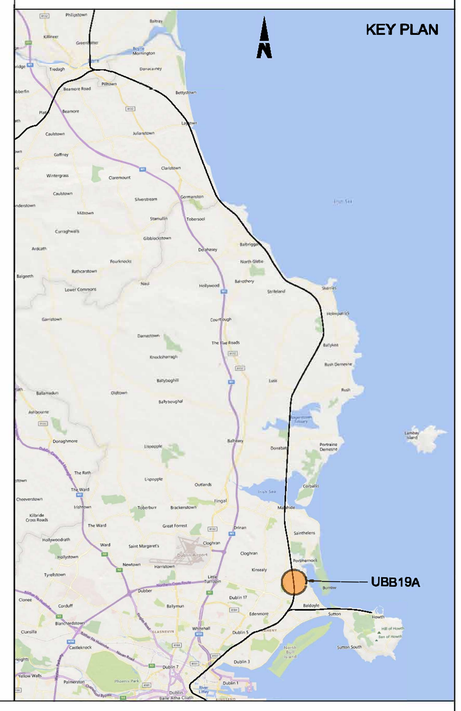
5. REFER TO BOOK 3 LINEAR WORKS PLANS FOR OHLE AND LINESIDE CIVILS ELEMENTS SHOWN IN PLAN.

LEGEND

- PROPOSED ELEMENTS
- EXISTING ELEMENTS
- DEVELOPMENT BOUNDARY



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DART+ Coastal North

NTA National Transport Authority

Tionscadal Éireann Project Ireland 2040

Rev	Date	Drn	Chk'd	App'd	Description
P01	13/10/23	TS	CG	DB	PLANNING ISSUE

Client: Iarnród Éireann Irish Rail

Engineering Designer: ARUP

Date	Scale	Drawn	Checked	Approved
01/06/2023	SHOWN@ A1 - @ A3	WC	CG	DB

Project Code	Originator Code	QMS Code
D+WP56	ARP	280275-00

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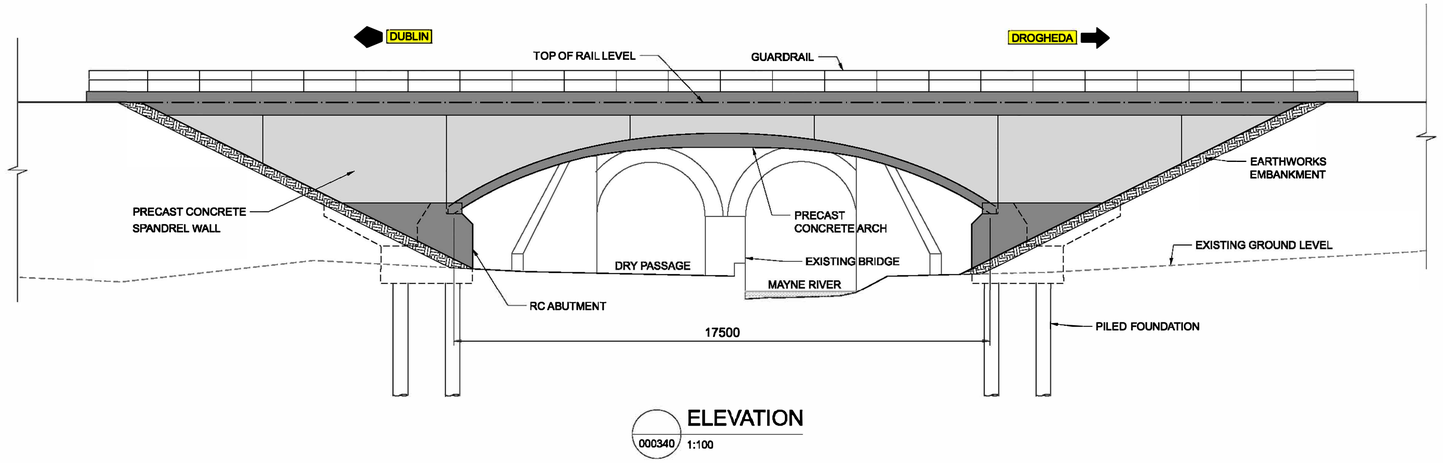
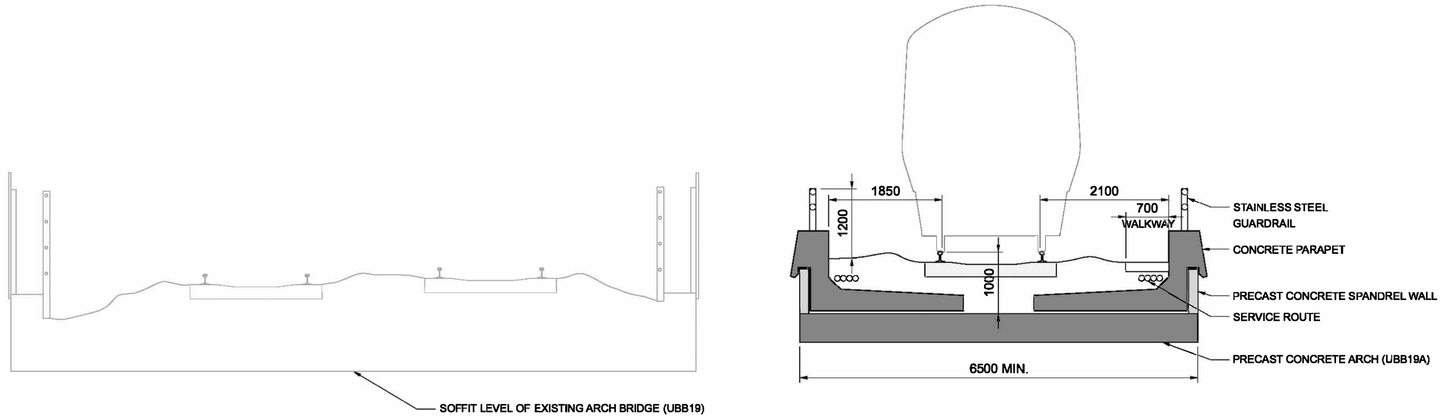
DART+ COASTAL NORTH

Drawing Title: UBB19A GENERAL ARRANGEMENT SHEET 1 OF 2

Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-P4-NL-DR-RO-000340	01 of 02	S3	P01



ELEVATION
000340 1:100



SECTION A
000340 1:50

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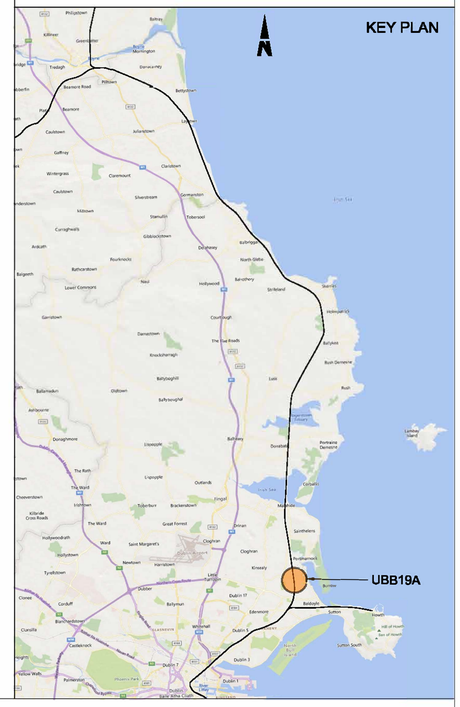
5. REFER TO BOOK 3 LINEAR WORKS PLANS FOR OHLE AND LINESIDE CIVILS ELEMENTS SHOWN IN PLAN.

LEGEND

PROPOSED ELEMENTS

EXISTING ELEMENTS

KEY PLAN



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DART+ Coastal North

NTA Údarás Náisiúnta Iompair National Transport Authority

Tionscadal Éireann Project Ireland 2040

Rev	Date	Drn	Chk'd	App'd	Description
P01	13/10/23	TS	CG	DB	PLANNING ISSUE

Client: Iarnród Éireann Irish Rail

Engineering Designer: ARUP

Date	Scale	Drawn	Checked	Approved
01/06/2023	SHOWN@ A1 - @ A3	WC	CG	DB

Project Code	Originator Code	QMS Code
D+WP56	ARP	280275-00

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DART+ COASTAL NORTH

Drawing Title: UBB19A GENERAL ARRANGEMENT SHEET 2 OF 2

Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-P4-NL-DR-RO-000341	02 of 02	S3	P01