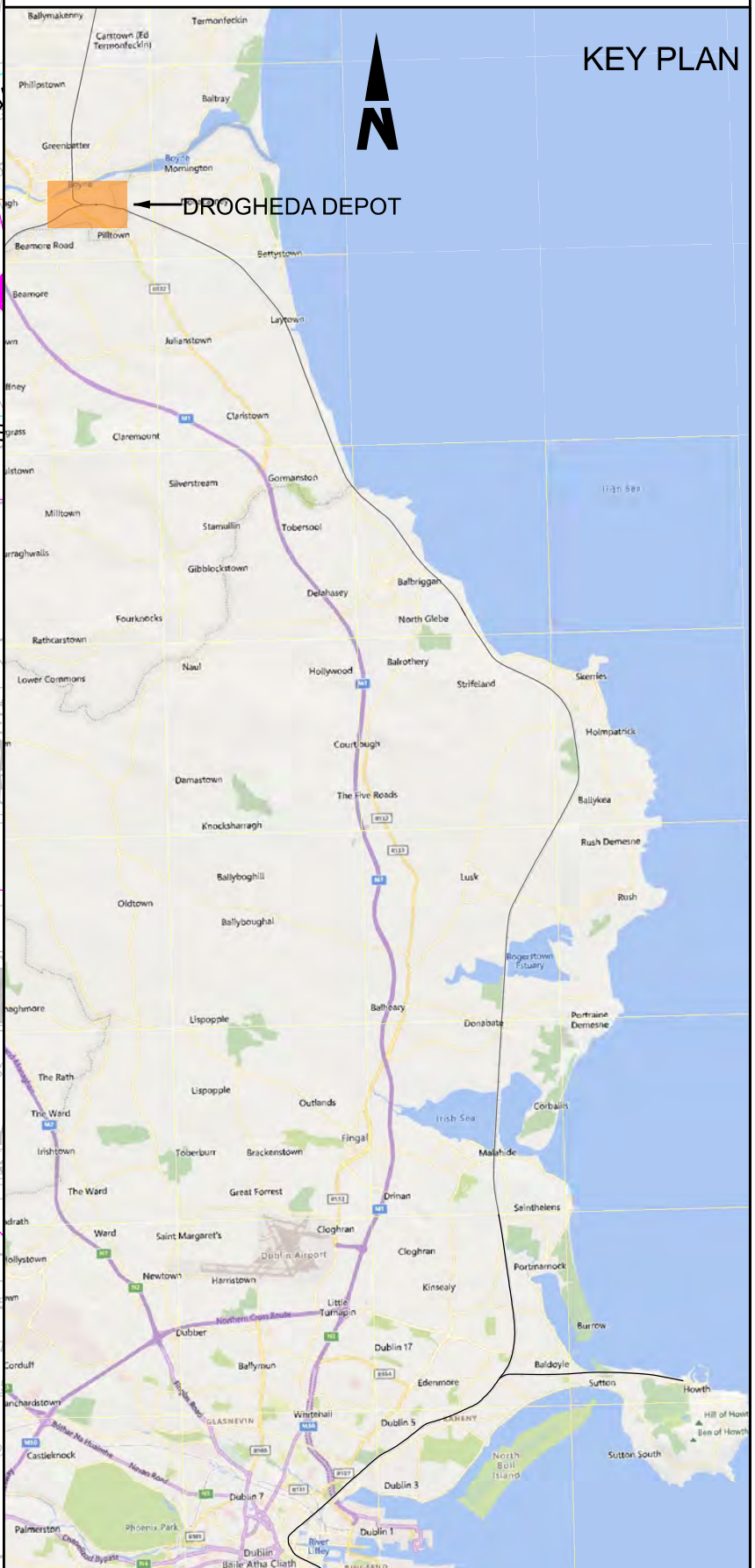
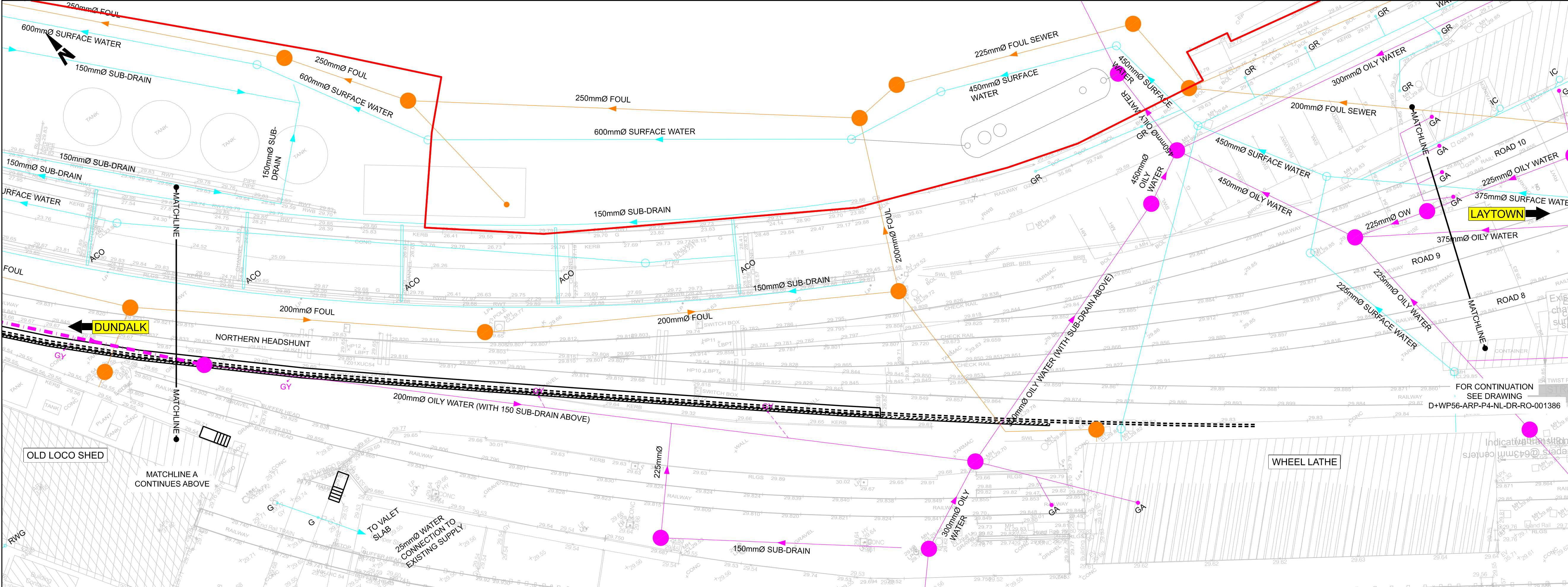


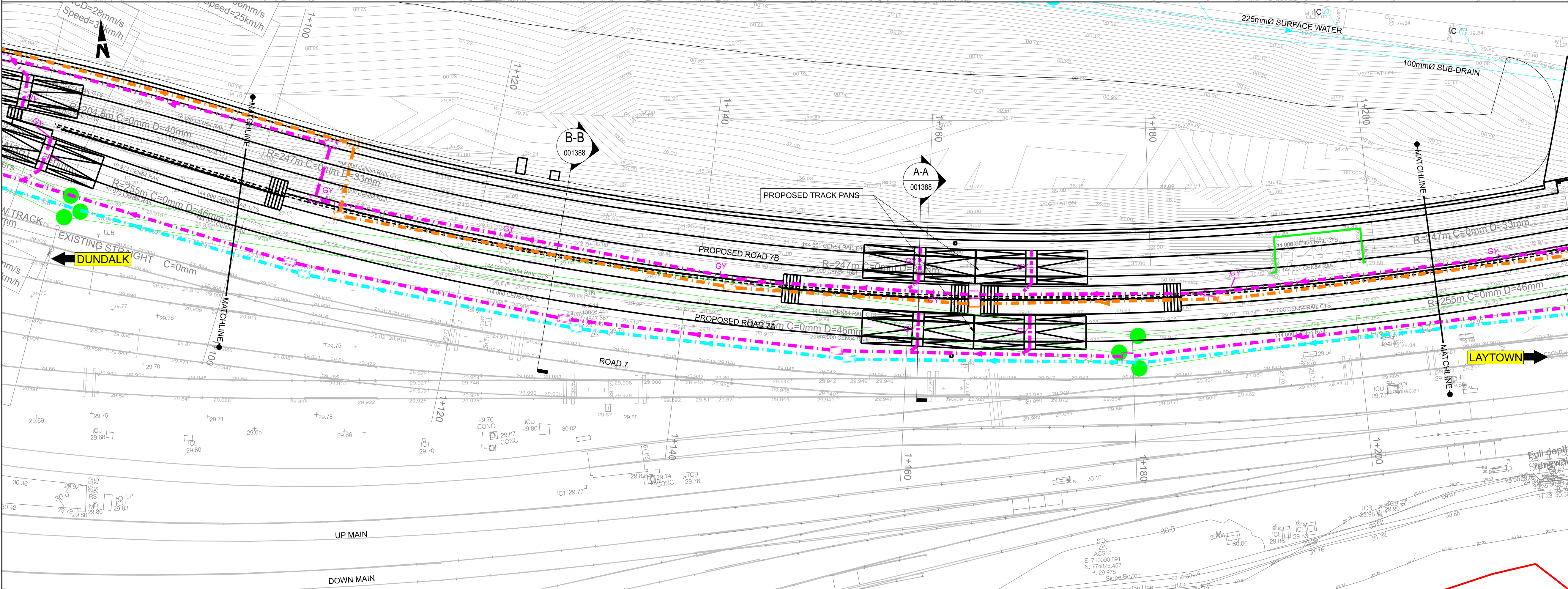
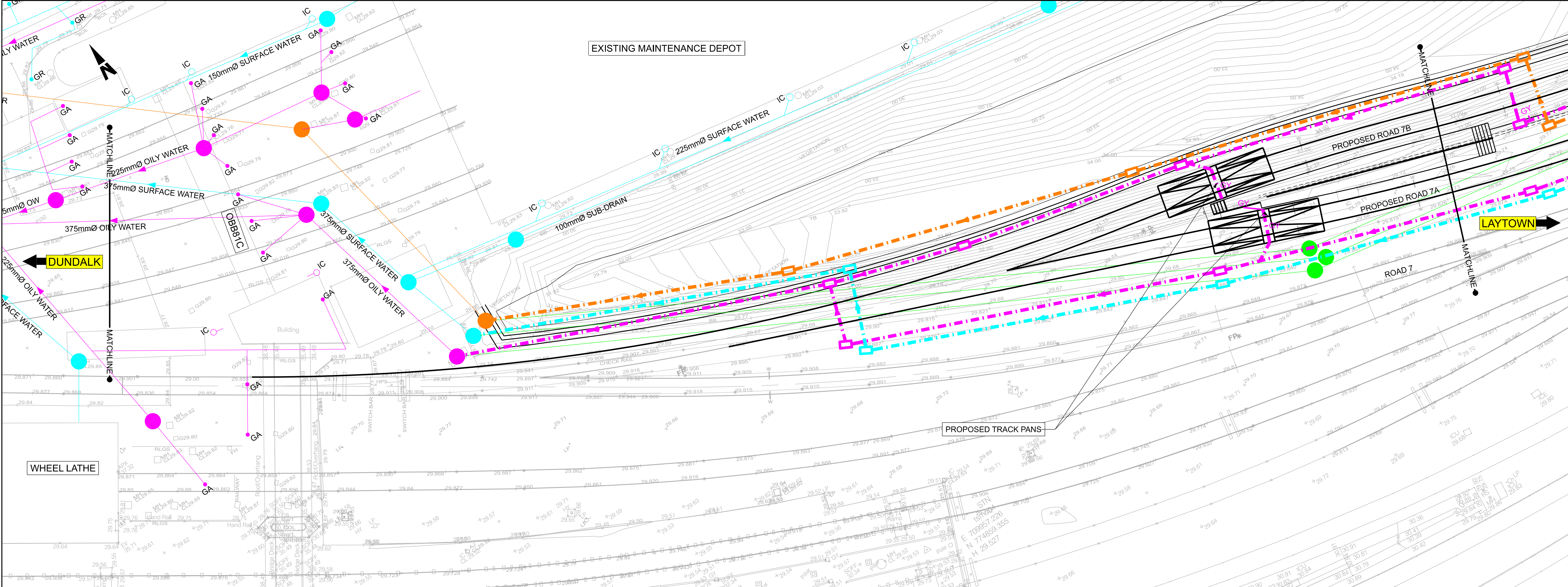
- NOTES:
- DO NOT SCALE FROM THIS DRAWING.
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 - ALL LEVELS ARE IN METERS ABOVE ORDINANCE DATUM.
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 - REFER TO BOOK 3 STRUCTURES PLANS - LINEAR WORKS DRAWINGS FOR OHLE POSITIONS.
 - LOCATION OF ALL BURIED SERVICES TO BE CONFIRMED PRIOR TO CONSTRUCTION. NO UTILITIES SURVEYS UNDERTAKEN AT THIS STAGE.

- LEGEND:
- OILY WATER EXISTING
 - OILY WATER PROPOSED
 - SURFACE WATER EXISTING
 - FOUL WATER EXISTING
 - PROPOSED OILY WATER MANHOLE/CATCHPIT
 - PROPOSED OILY WATER GULLY
 - EXISTING SURFACE WATER MANHOLE
 - EXISTING OILY WATER MANHOLE
 - EXISTING FOUL WATER MANHOLE
 - DEVELOPMENT BOUNDARY
 - GULLY
- GA,GR



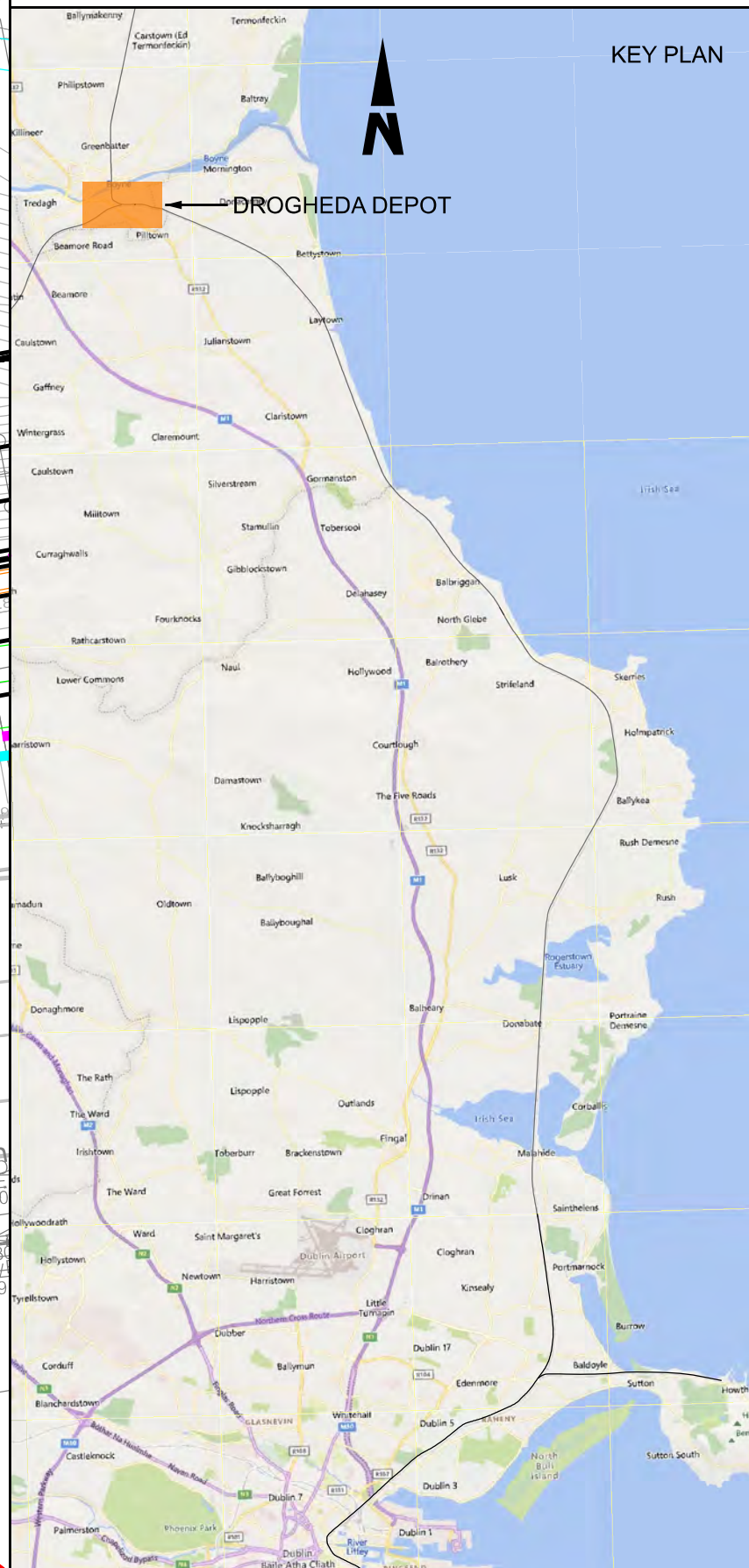
Disclaimer		<div><div><div><div></div><div></div><div></div></div><div><div>DART+</div><div>Coastal North</div></div></div><div><div><div><div></div><div></div></div><div><div>NTA</div><div><div>Geospatial Information Systems</div><div>National Technical Authority</div></div></div></div><div><div>Tionscadal Éireann</div><div>Project Ireland</div><div>2040</div></div></div></div>					Rev	Date	Drm	Chk'd	App'd	Description		Client		Engineering Designer			Project Title			
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© OpenStreetMap contributors																		Drawing Title				
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DO NOT SCALE USE FIGURED DIMENSIONS ONLY



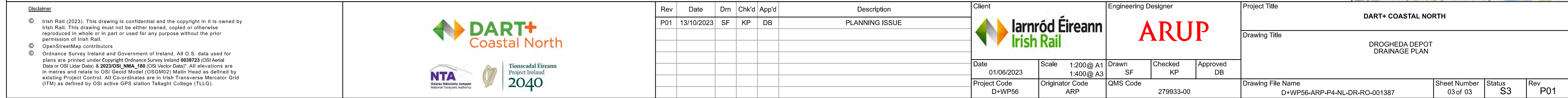
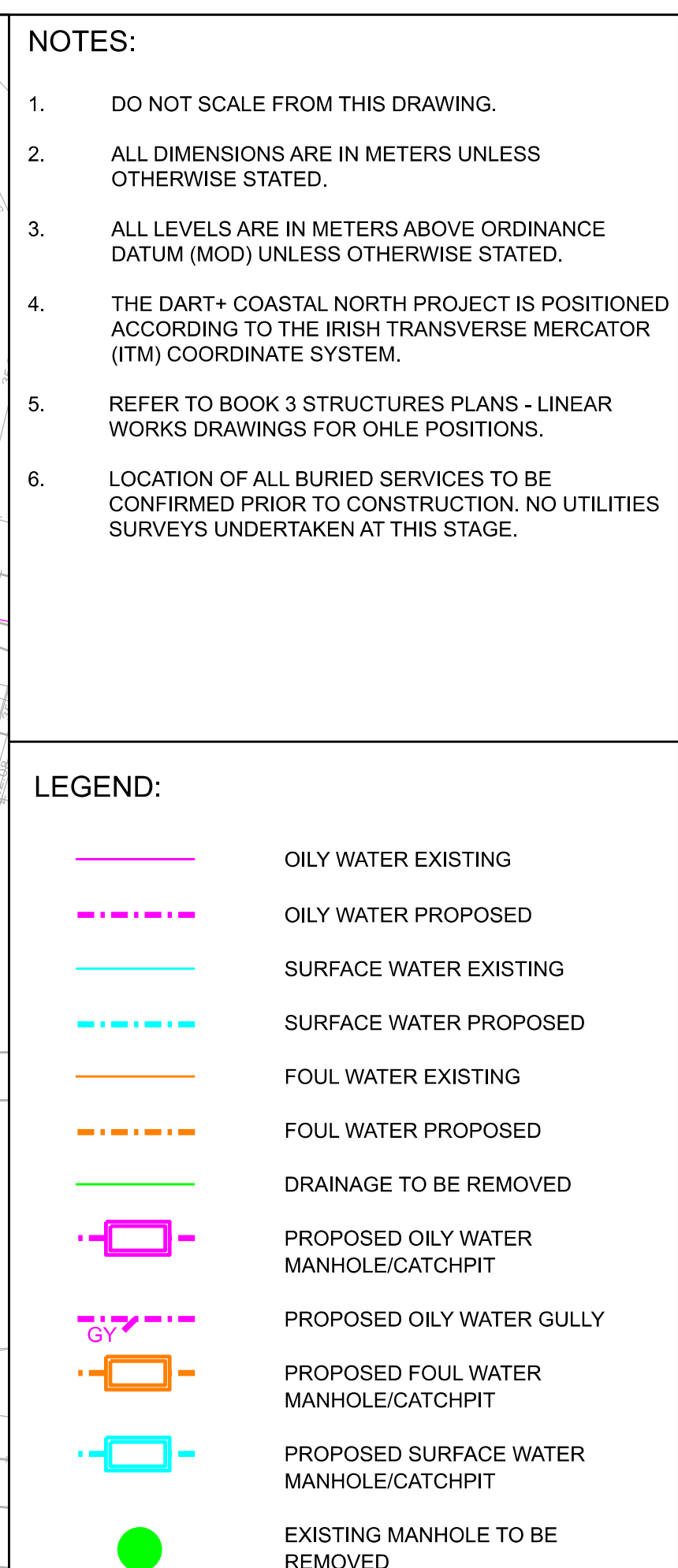
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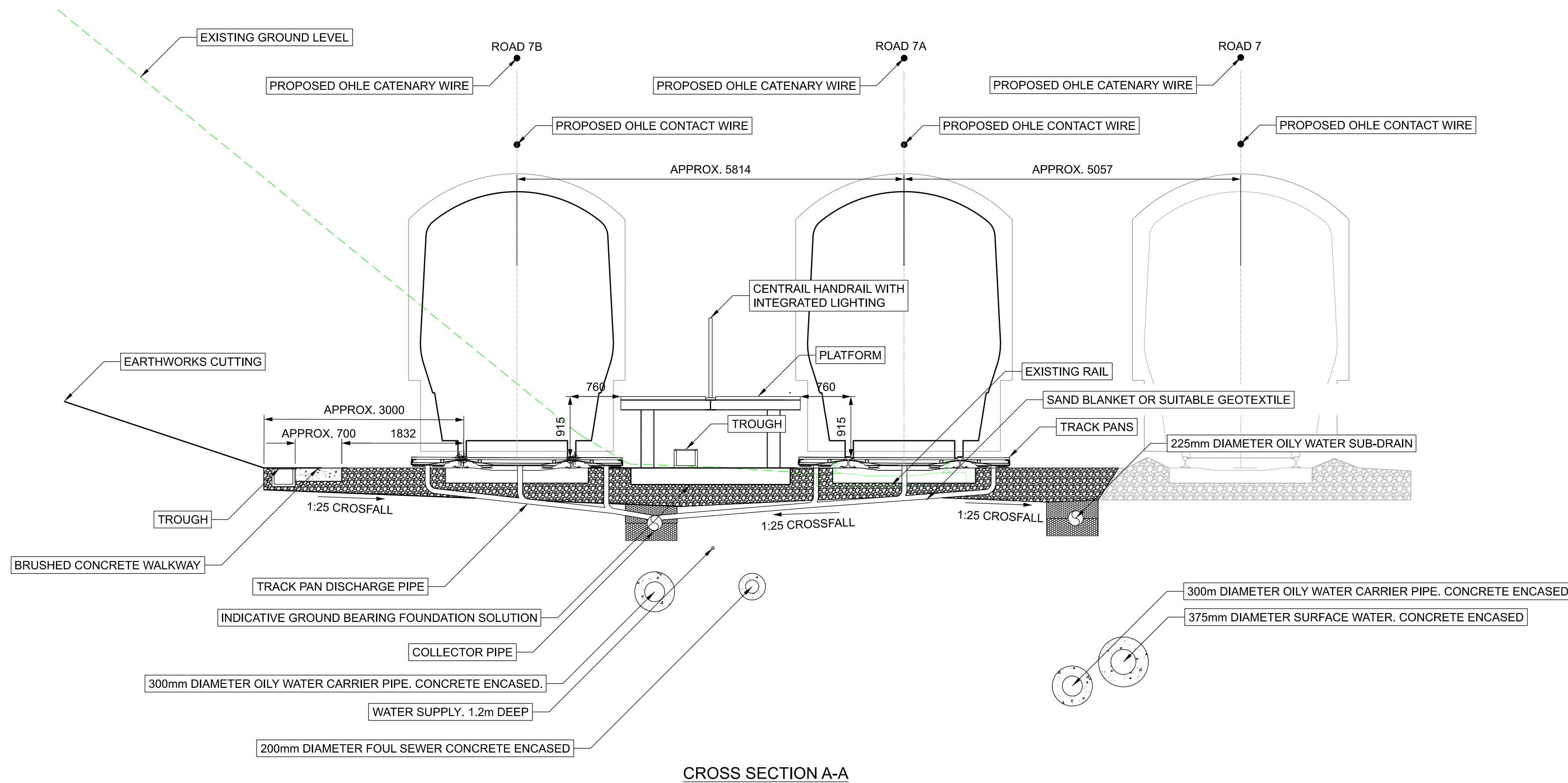
- LEGEND:
- OILY WATER EXISTING
 - OILY WATER PROPOSED
 - SURFACE WATER EXISTING
 - SURFACE WATER PROPOSED
 - FOUL WATER EXISTING
 - FOUL WATER PROPOSED
 - DRAINAGE TO BE REMOVED
 - PROPOSED OILY WATER MANHOLE/CATCHPIT
 - PROPOSED OILY WATER GULLY
 - PROPOSED FOUL WATER MANHOLE/CATCHPIT
 - PROPOSED SURFACE WATER MANHOLE/CATCHPIT
 - EXISTING MANHOLE TO BE REMOVED
 - EXISTING SURFACE WATER MANHOLE
 - EXISTING OILY WATER MANHOLE
 - EXISTING FOUL WATER MANHOLE
 - DEVELOPMENT BOUNDARY
 - IC INSPECTION CHAMBER
 - GA, GR GULLY



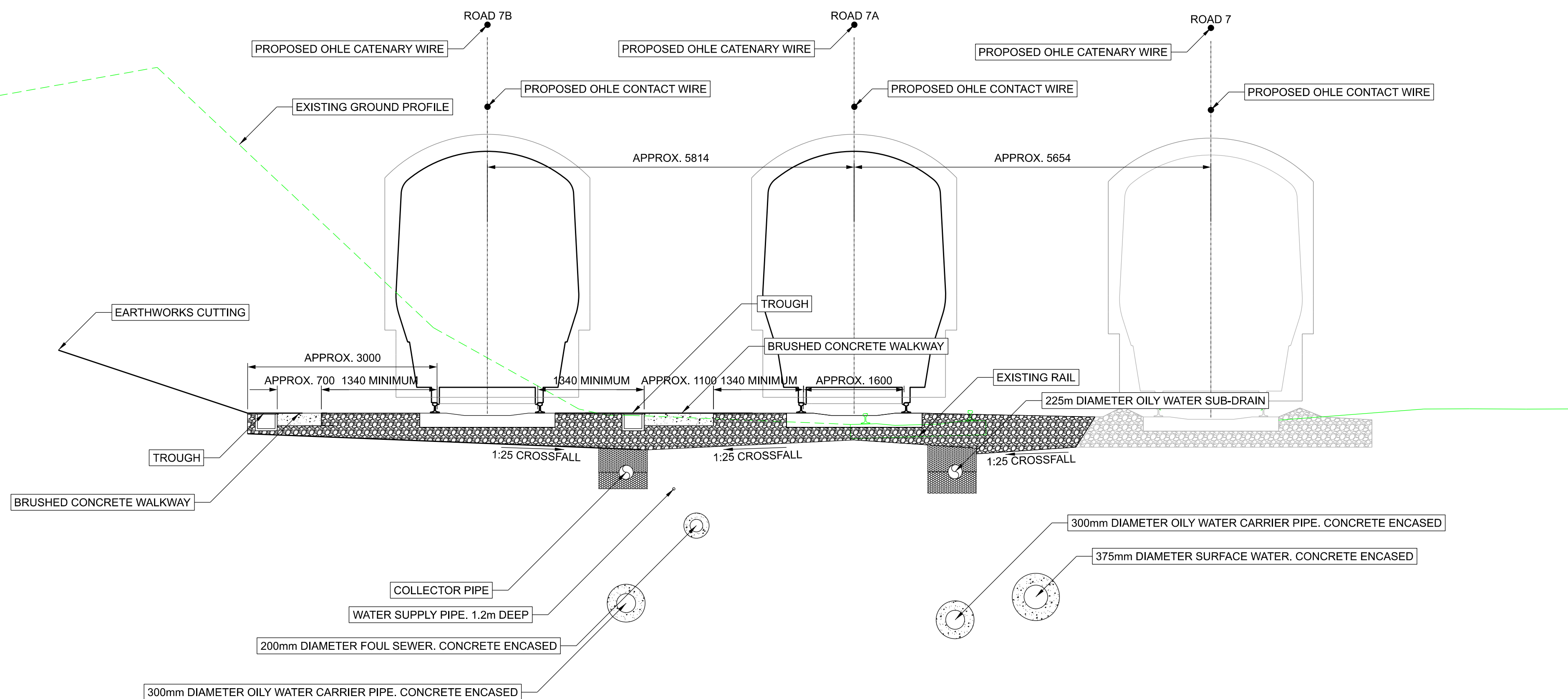
Disclaimer		<div><div><div><div></div><div></div><div></div></div><div><div>DART+</div><div>Coastal North</div></div></div><div><div><div><div></div><div></div><div></div></div><div><div>NTA</div><div>Gaeilge Náisiúnta Símpail</div><div>National Symbols Authority</div></div></div><div><div><div>Tionscadal Éireann</div><div>Project Ireland</div><div>2040</div></div></div></div></div>					Rev		Date	Dm	Chk'd	App'd	Description		Client		Engineering Designer			Project Title							
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										Project Code	D+WP56	Originator Code	ARP	QMS Code		279933-00			Drawing File Name		D+WP56-ARP-P4-NL-DR-RO-001386	Sheet Number	02 of 03	Status	S3	Rev	P01

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CROSS SECTION A-A



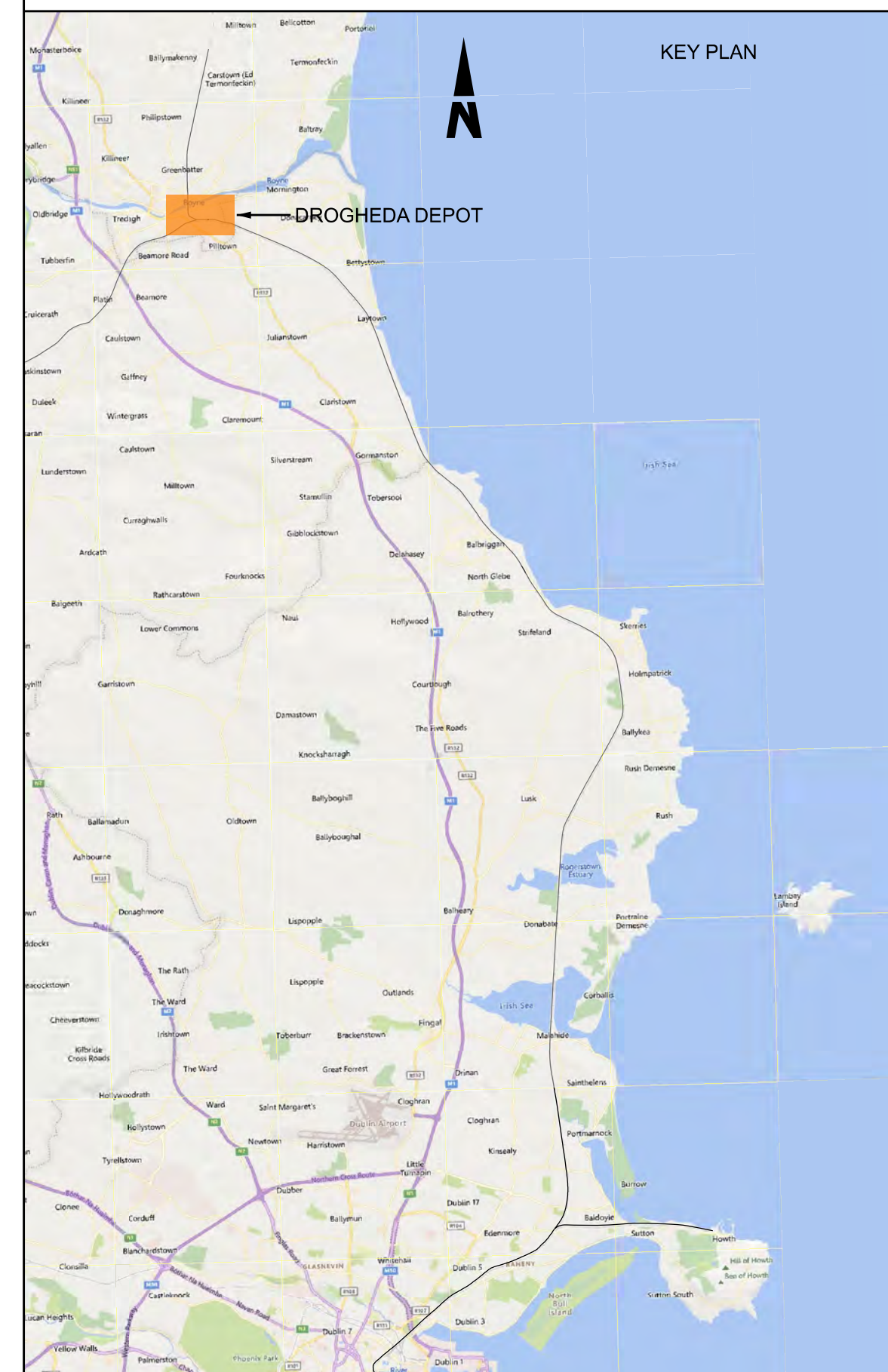
CROSS SECTION B-B

NOTES:

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LEGEND:

- PROPOSED ELEMENTS
- EXISTING ELEMENTS
- ELEMENTS TO BE REMOVED



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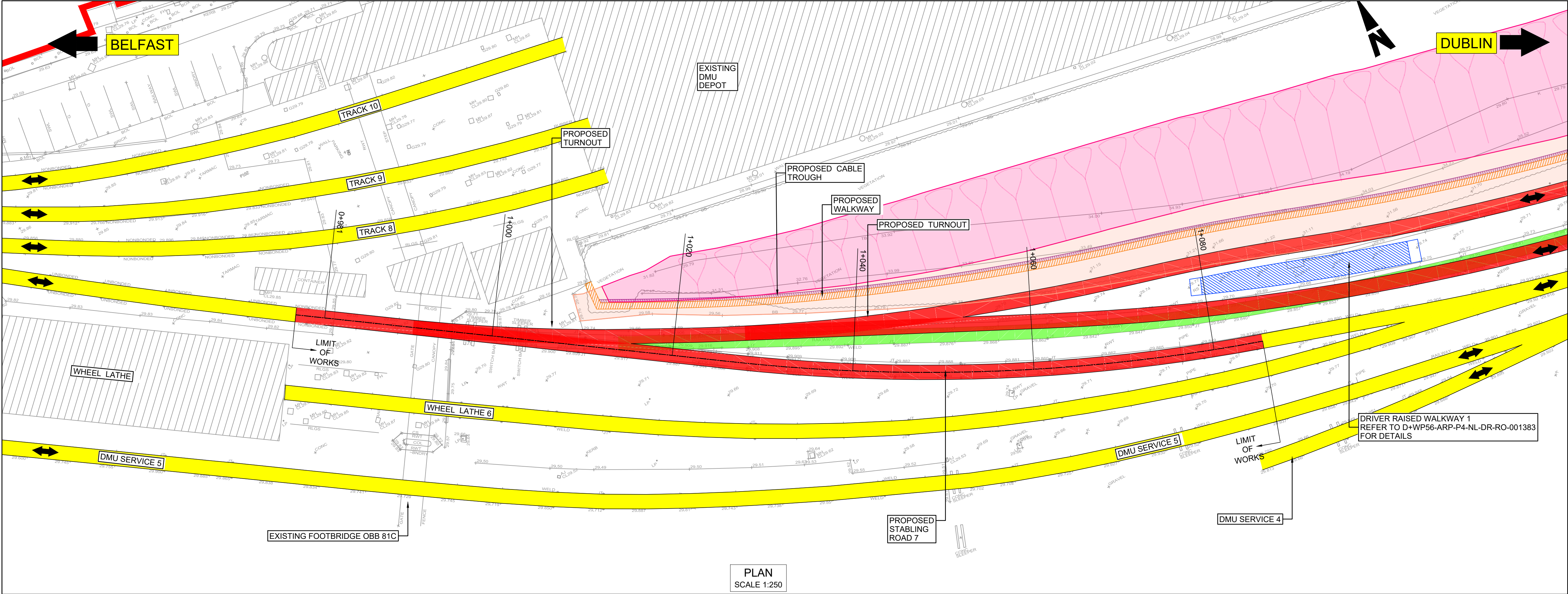


Rev	Date	Dm	Chk'd	App'd	Description
P01	13/10/2023	SF	KP	DB	PLANNING ISSUE

Client		Engineering Designer	
Iarnród Éireann Irish Rail		ARUP	
Date	Scale	Drawn	Checked
01/06/2023	1:50 @ A1 1:100 @ A3	SF	KP
Project Code	Originator Code	QMS Code	Approved
D+WP56	ARP	280275-00	DB

Project Title			
DART+ COASTAL NORTH			
Drawing Title			
DROGHEDA DEPOT EXTERNAL CIVILS CROSS SECTION			
Drawing File Name		Sheet Number	Status
D+WP56-ARP-P4-NL-DR-RO-001388		01 of 01	S3
Rev		P01	

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LEGEND

PLAN

- RUNNING LINE
- SIDINGS
- PROPOSED TRACK WORK
- TRACK WORK TO BE REMOVED
- EXISTING STATION PLATFORMS
- DEVELOPMENT BOUNDARY
- RAISED DRIVER WALKWAY
- CESS WALKWAY
- COMBINED CABLE TROUGH/WALKWAY
- CABLE TROUGH
- REGRAIDING AND TRACK BED EARTHWORKS

LONGITUDINAL PROFILE

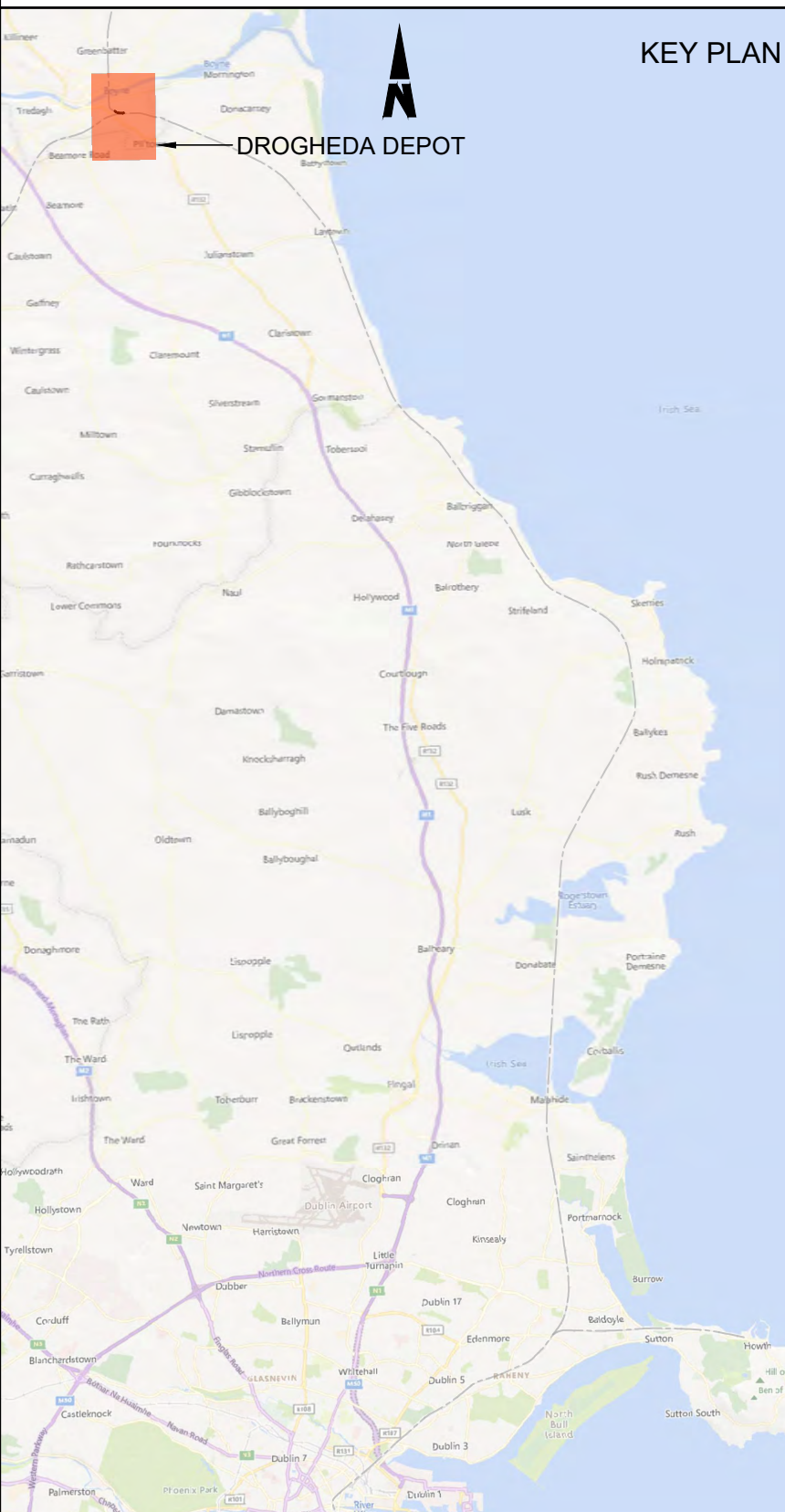
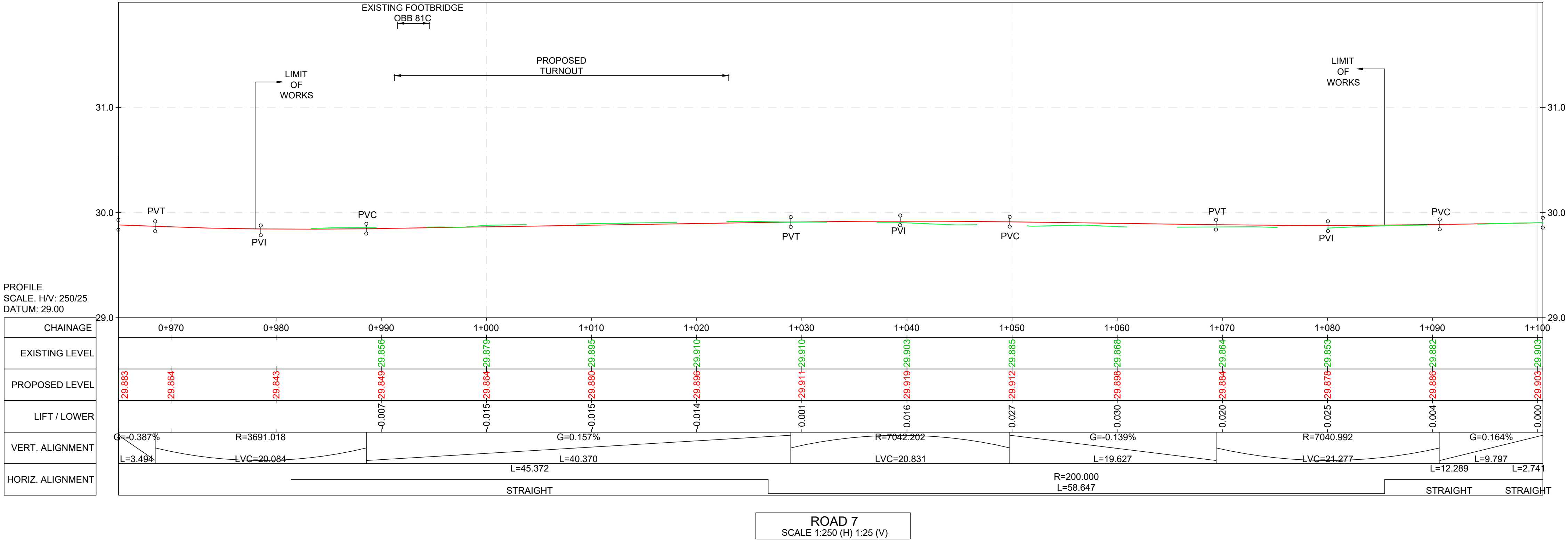
- PROPOSED RAIL
- EXISTING RAIL
- EXISTING GROUND

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

CROSS SECTION

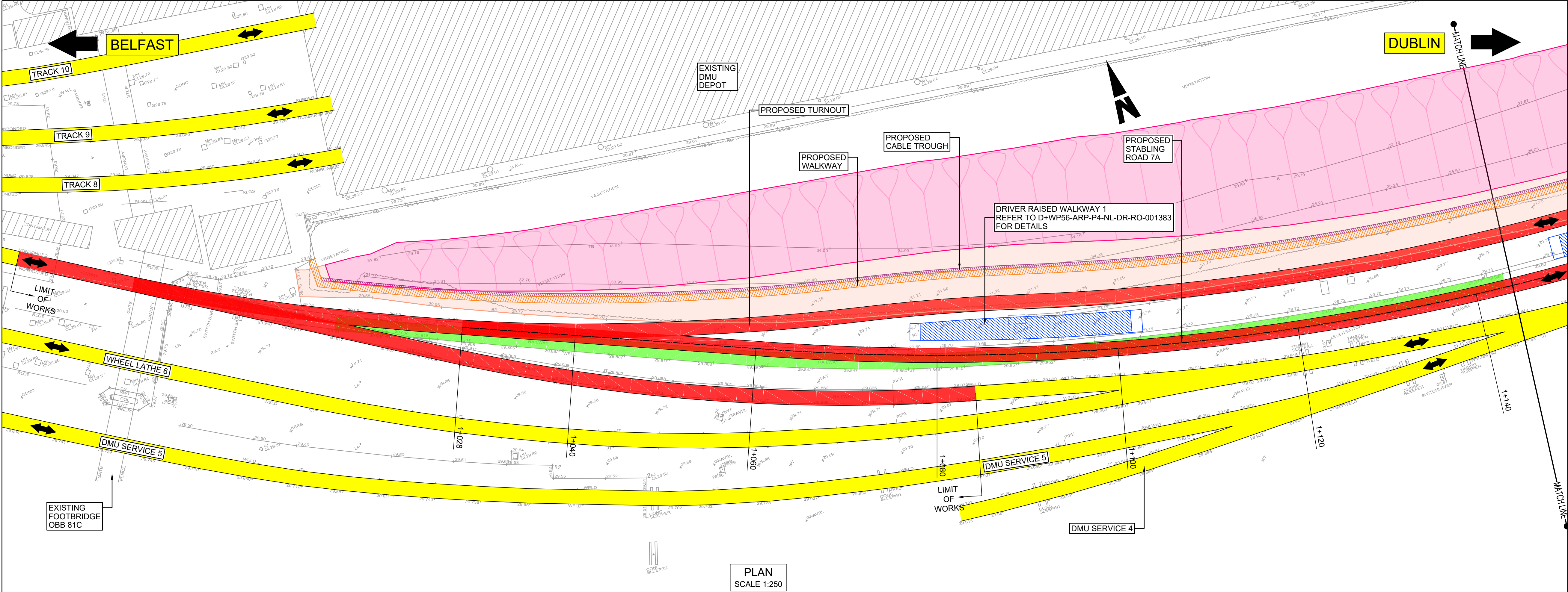
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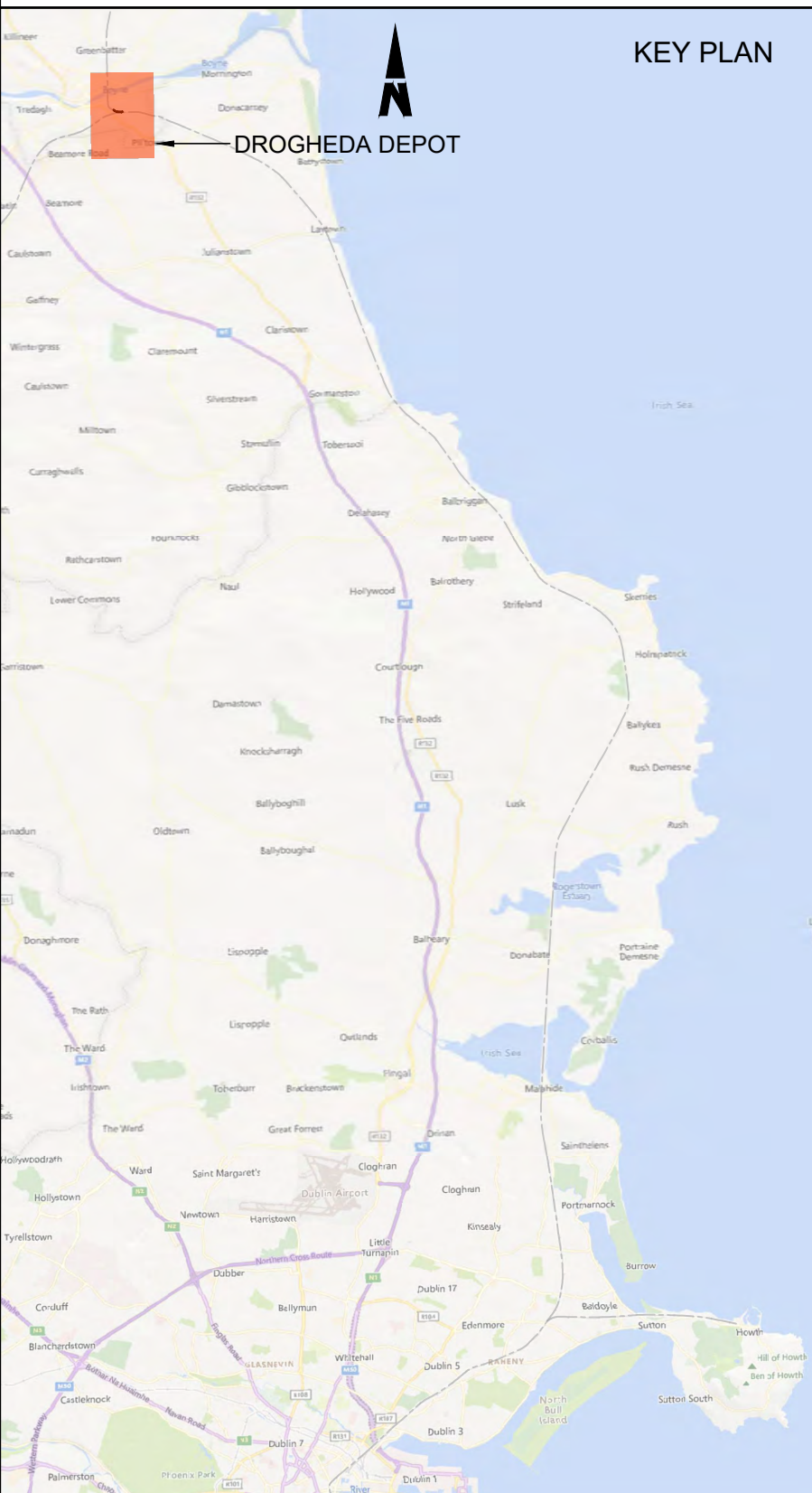
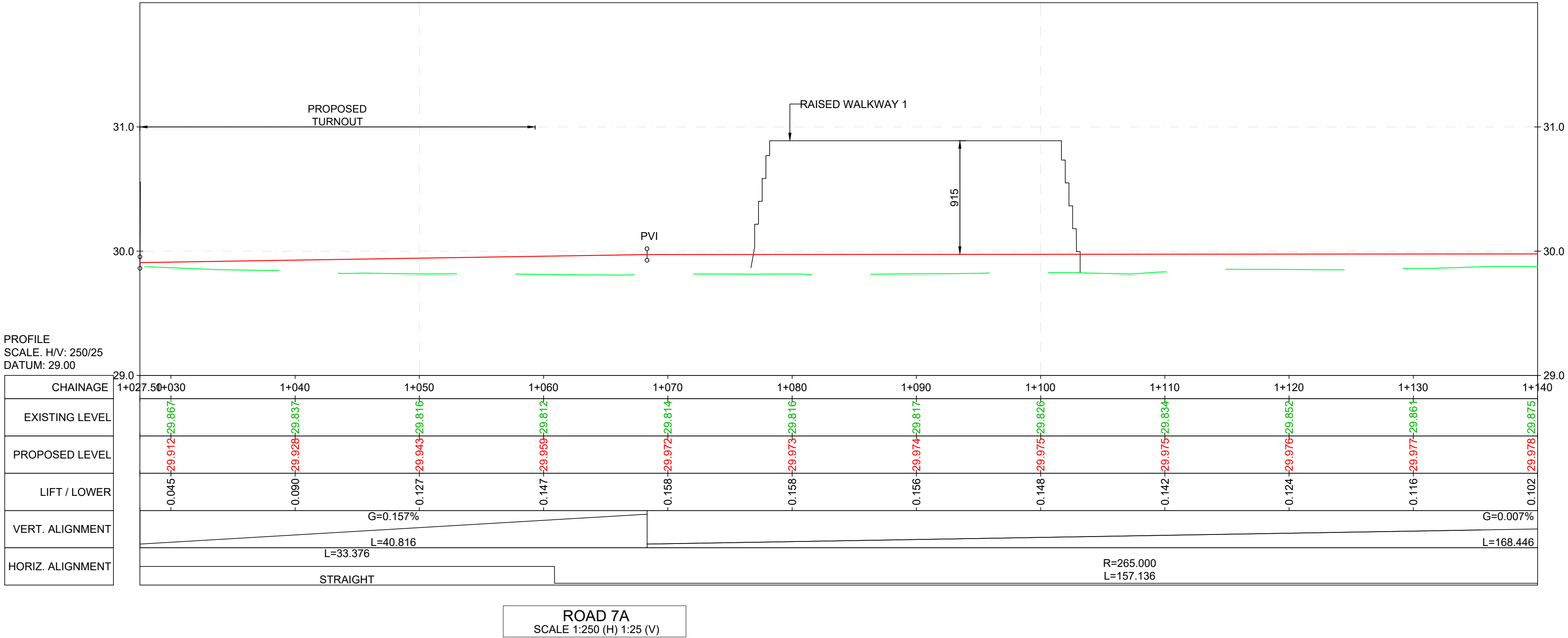







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Rev	Date	Dn	Chk'd	App'd	Description																																												
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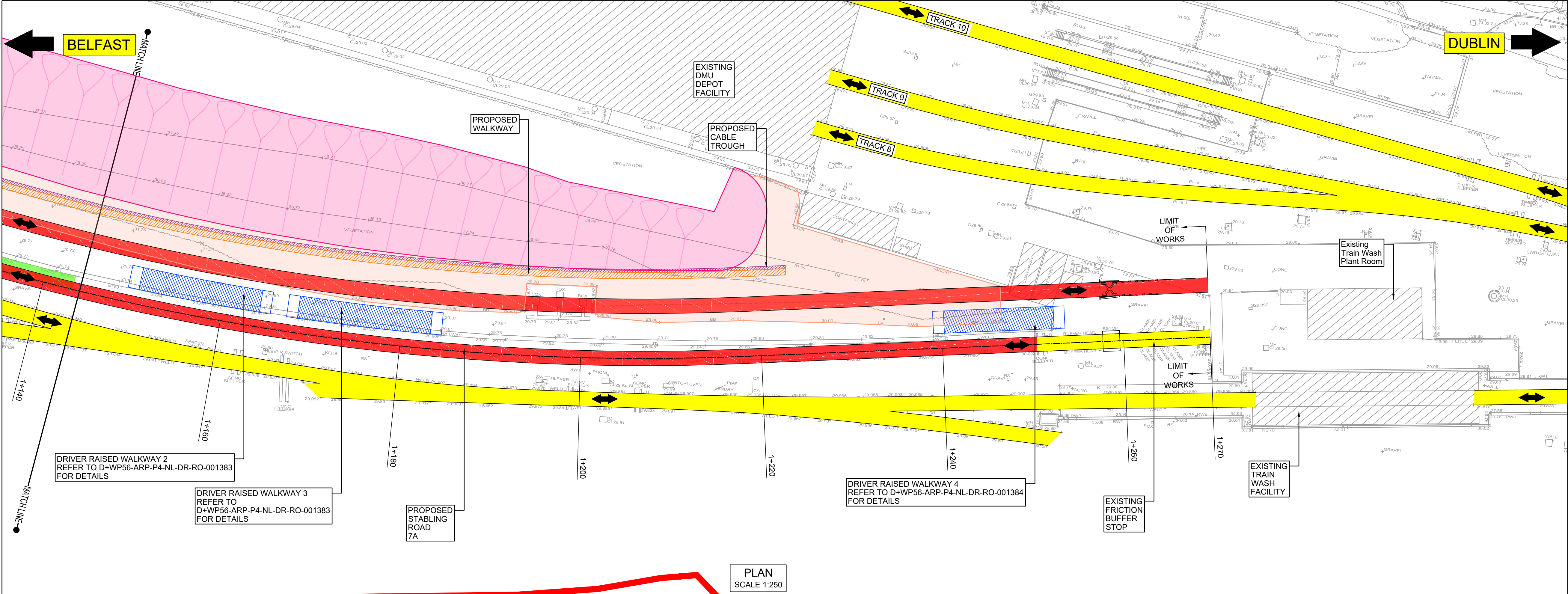


- LEGEND**
- PLAN**
- RUNNING LINE
 - SIDINGS
 - PROPOSED TRACK WORK
 - TRACK WORK TO BE REMOVED
 - EXISTING STATION PLATFORMS
 - DEVELOPMENT BOUNDARY
 - RAISED DRIVER WALKWAY
 - CESS WALKWAY
 - COMBINED CABLE TROUGH/WALKWAY
 - CABLE TROUGH
 - REGRAIDING AND TRACK BED EARTHWORKS
- LONGITUDINAL PROFILE**
- PROPOSED RAIL
 - EXISTING RAIL
 - EXISTING GROUND
- PVC (Point of Start of Curve)
PVT (Point of Start of Tangent)
PVI (Point of Intersection)
- CROSS SECTION**
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 - EXISTING TRACK
 - EXISTING GROUND
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Disclaimer		<div></div> <div><div>Tionscadal Éireann Project Ireland 2040</div></div>					Rev	Date	Drn	Chk'd	App'd	Description		Client <div></div>		Engineering Designer <div></div>			Project Title <div>DART+ COASTAL NORTH</div>							
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LEGEND

PLAN

- RUNNING LINE
- SIDINGS
- PROPOSED TRACK WORK
- TRACK WORK TO BE REMOVED
- EXISTING STATION PLATFORMS
- DEVELOPMENT BOUNDARY
- RAISED DRIVER WALKWAY
- CESS WALKWAY
- COMBINED CABLE TROUGH/WALKWAY
- CABLE TROUGH
- REGRAIDING AND TRACK BED EARTHWORKS

LONGITUDINAL PROFILE

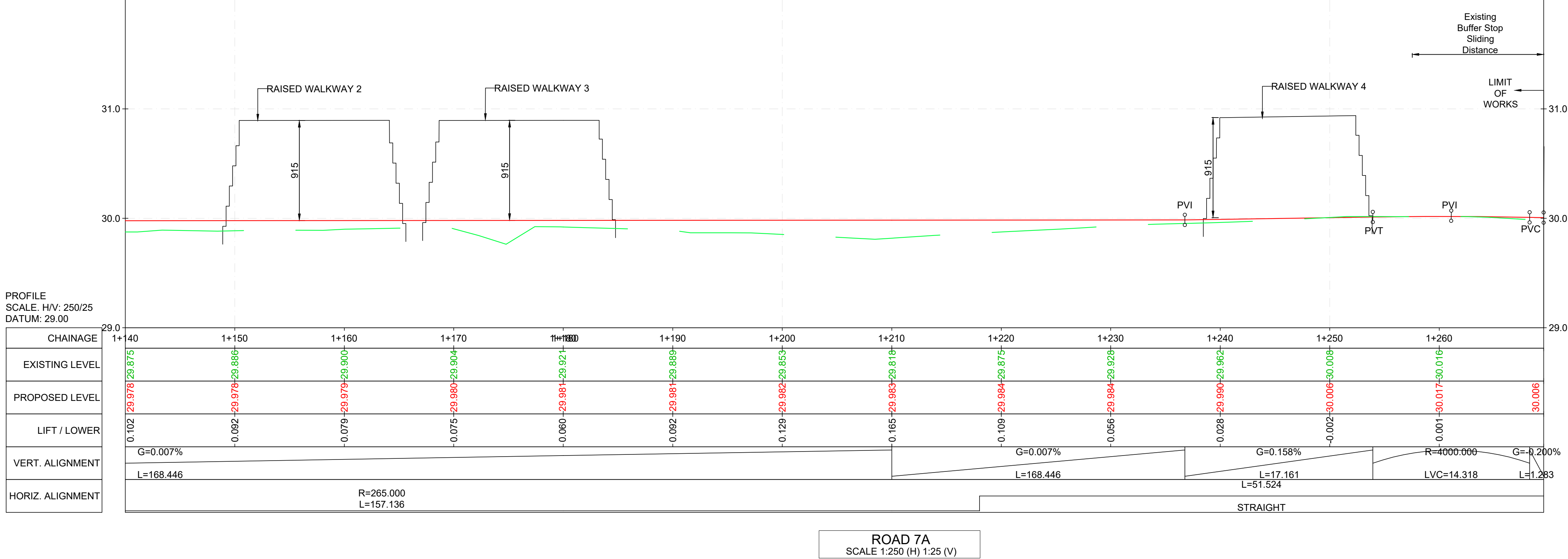
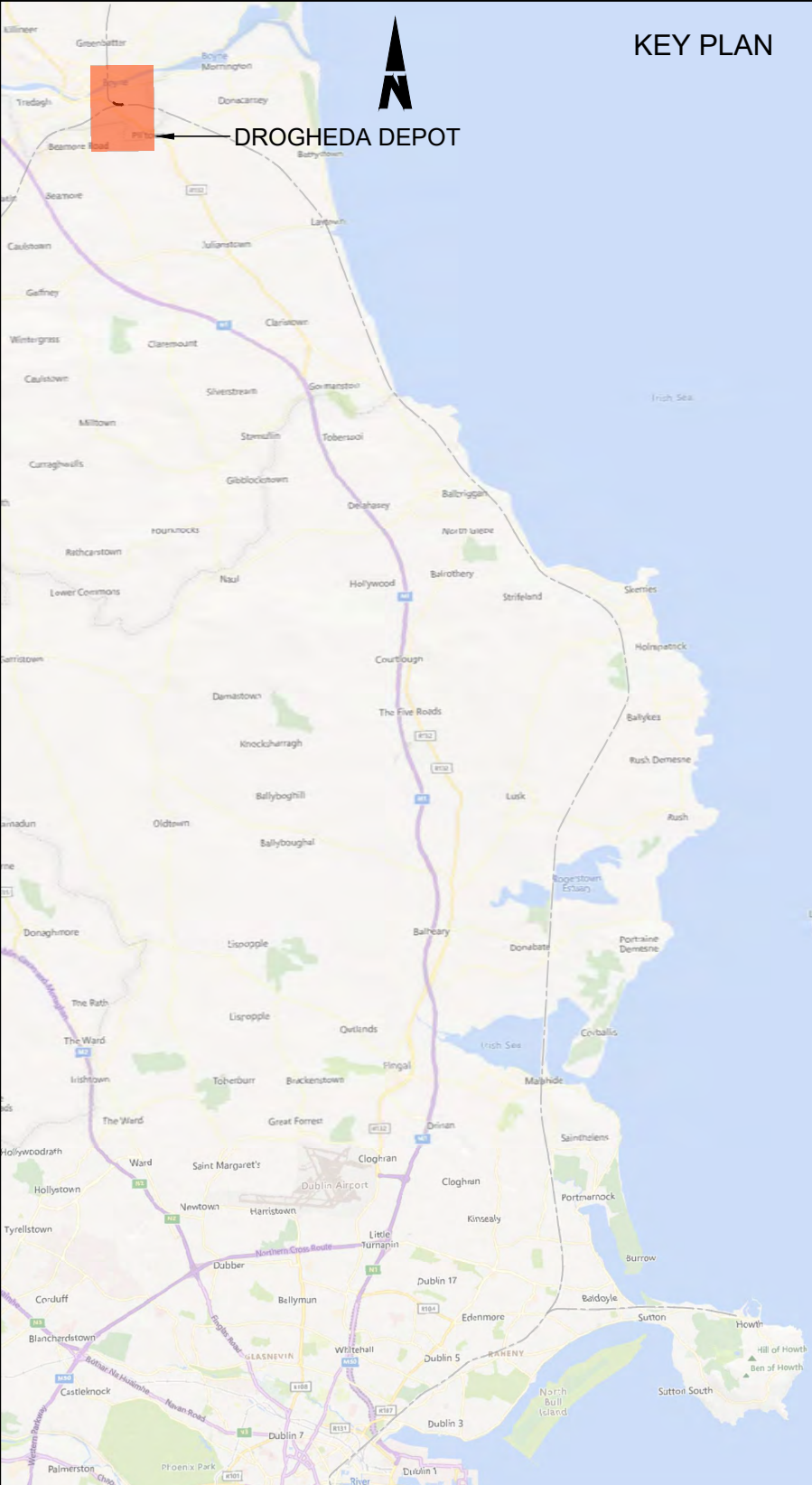
- PROPOSED RAIL
- EXISTING RAIL
- EXISTING GROUND

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

CROSS SECTION

- PROPOSED TRACK WORK
- EXISTING TRACK
- EXISTING GROUND

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Rev	Date	Dwn	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: 1:250 @ A1, 1:500 @ A3

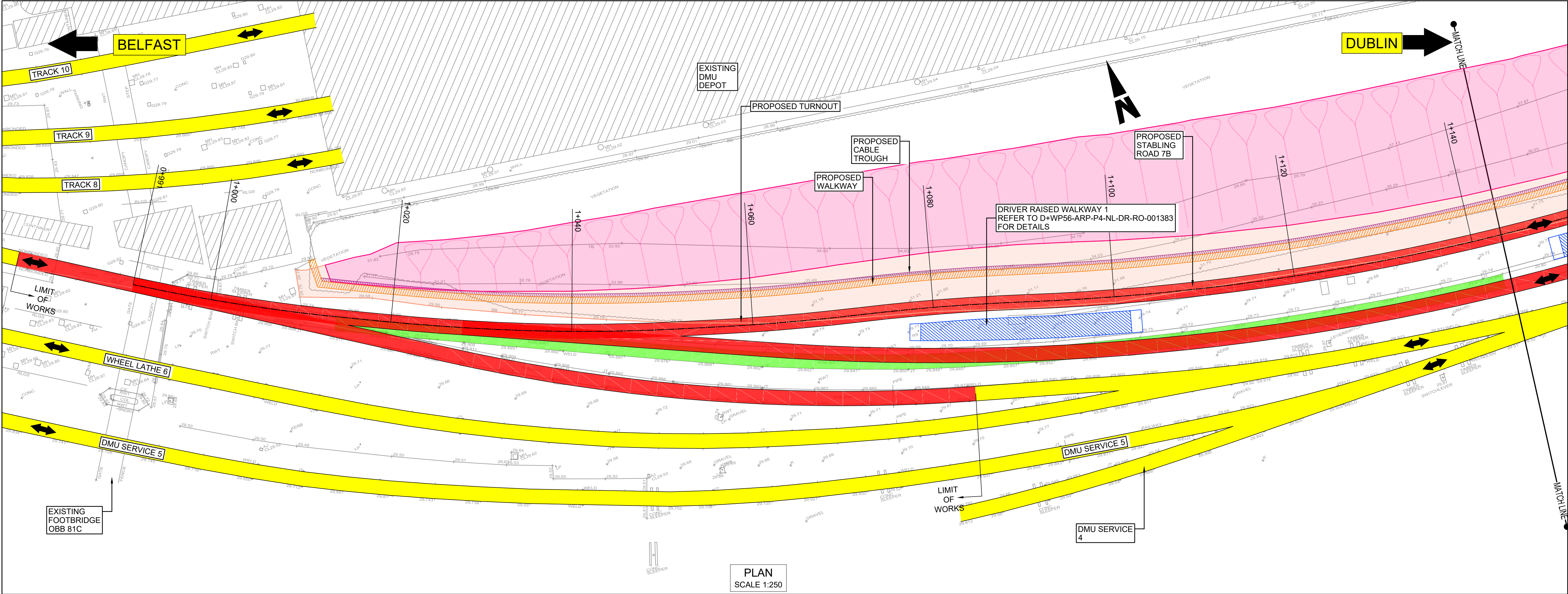
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QMS Code: 280275-00

Drawn: MV Checked: SS Approved: DB

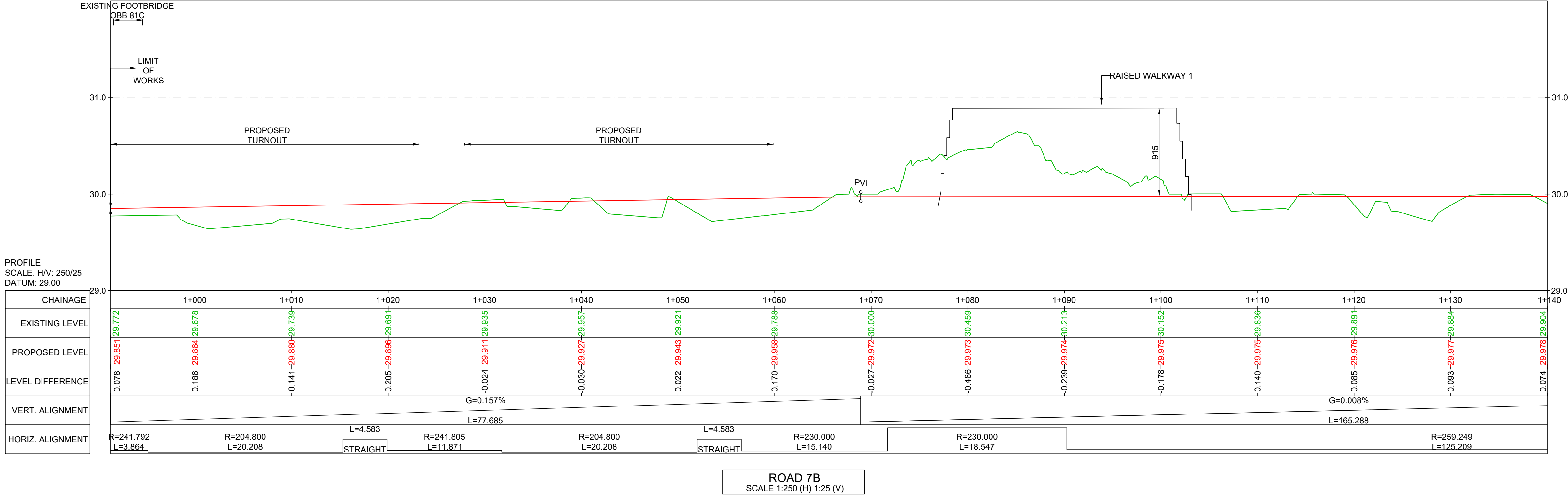
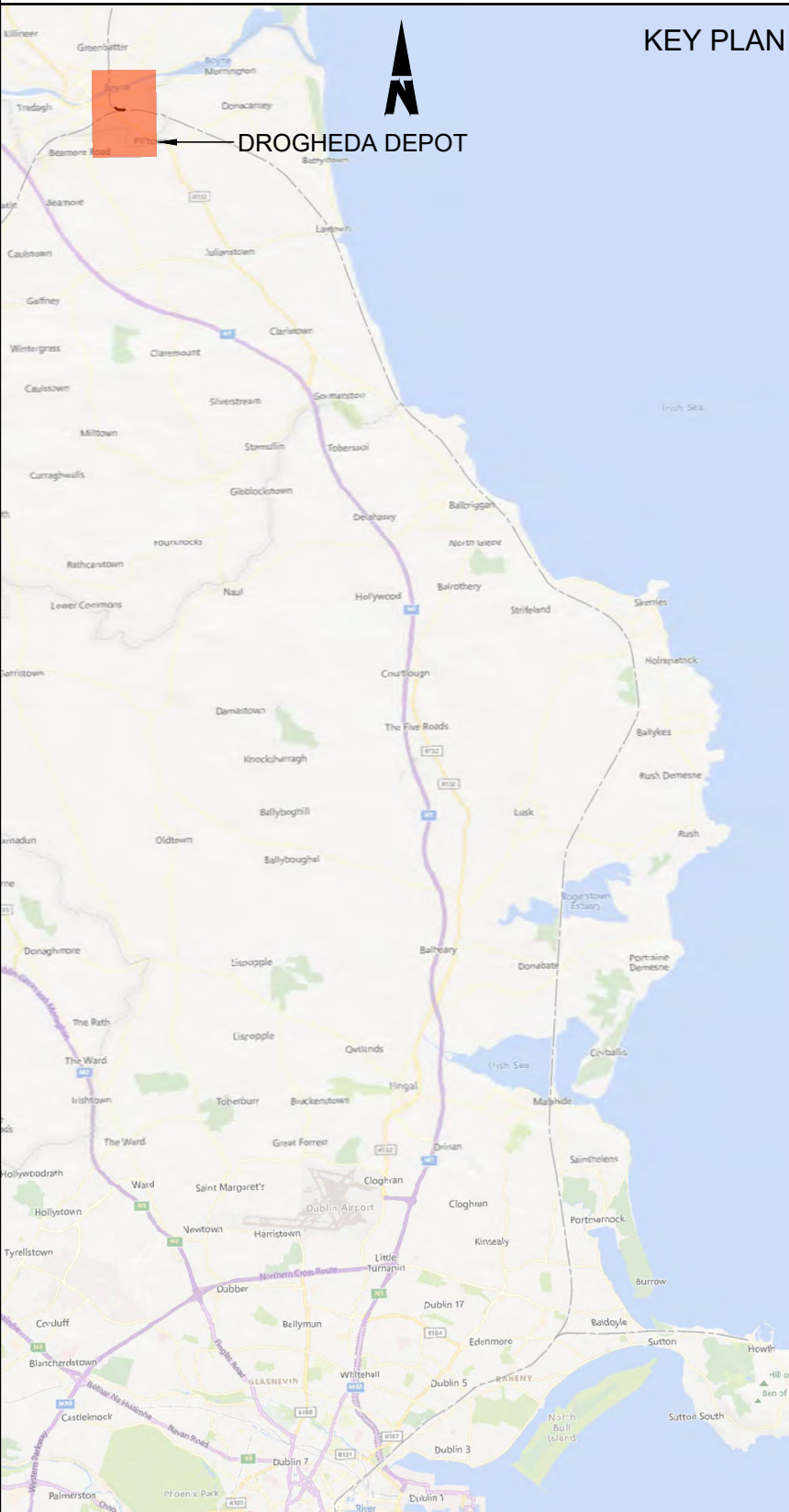
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Drawing Title	DROGHEDA DEPOT TRACK ALIGNMENT			
Drawing File Name	D+WP56-ARP-P4-NL-DR-RO-001392	Sheet Number	03 of 05	Rev P01

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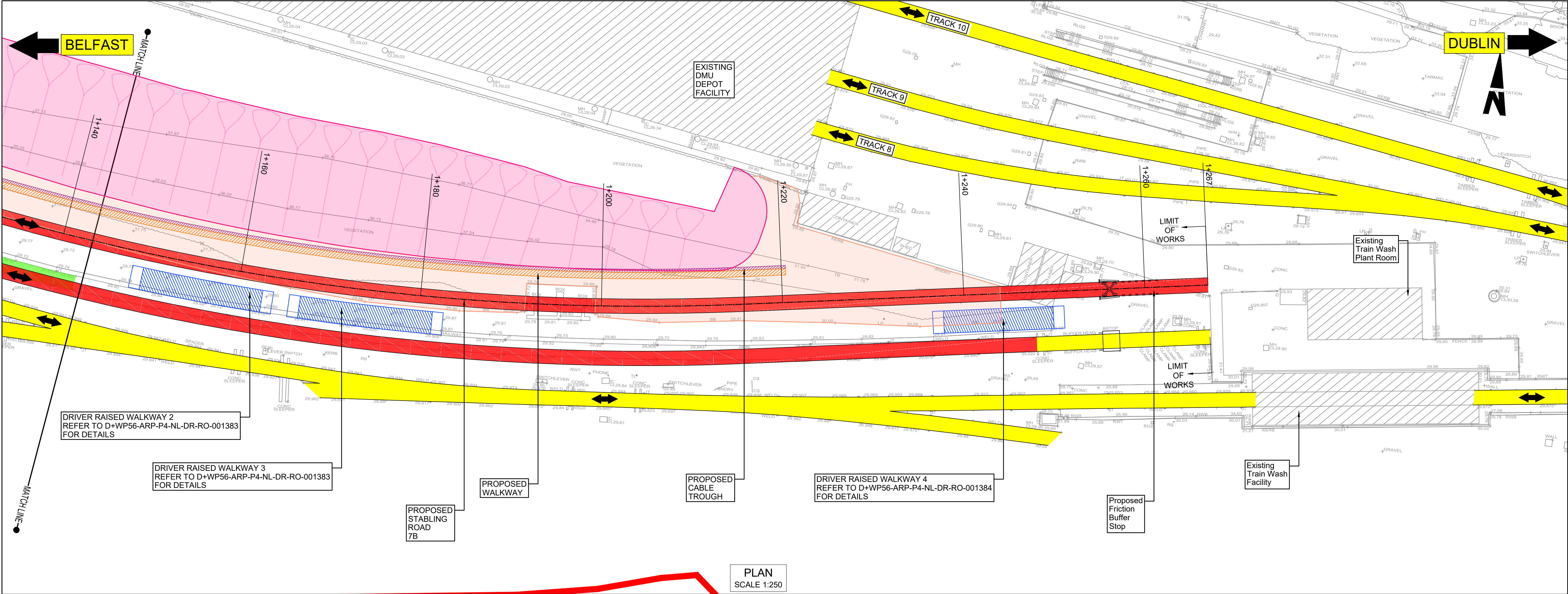
- LEGEND**
- PLAN**
- RUNNING LINE
 - SIDINGS
 - PROPOSED TRACK WORK
 - TRACK WORK TO BE REMOVED
 - EXISTING STATION PLATFORMS
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 - CABLE TROUGH
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- LONGITUDINAL PROFILE**
- PROPOSED RAIL
 - EXISTING RAIL
 - EXISTING GROUND
- PVC (Point of Start of Curve)
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- CROSS SECTION**
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 - Refer to Book 3 Linear Works Plans for OHLE shown in plan.
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Rev	Date	Drn	Chk'd	App'd	Description																																
P01	13/10/2023	MV	SS	DB	PLANNING ISSUE																																

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LEGEND

PLAN

- RUNNING LINE
- SIDINGS
- PROPOSED TRACK WORK
- TRACK WORK TO BE REMOVED
- EXISTING STATION PLATFORMS
- DEVELOPMENT BOUNDARY
- RAISED DRIVER WALKWAY
- CESS WALKWAY
- COMBINED CABLE TROUGH/WALKWAY
- CABLE TROUGH
- REGRAIDING AND TRACK BED EARTHWORKS

LONGITUDINAL PROFILE

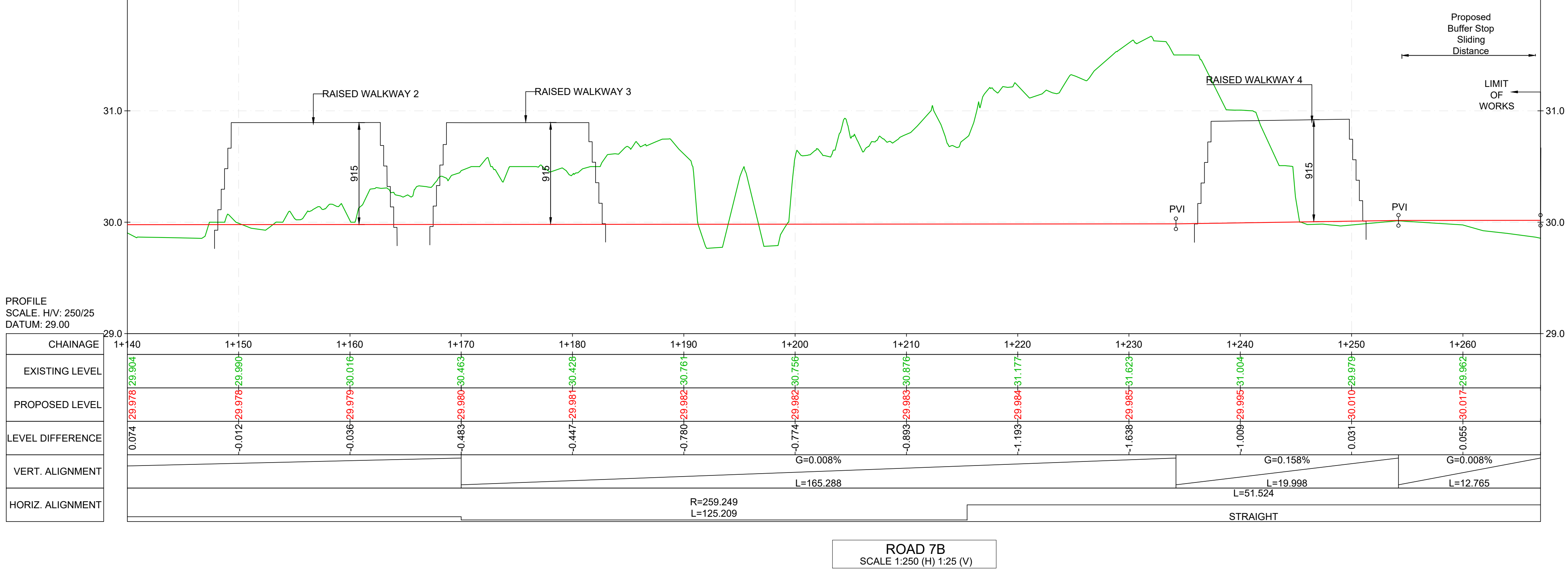
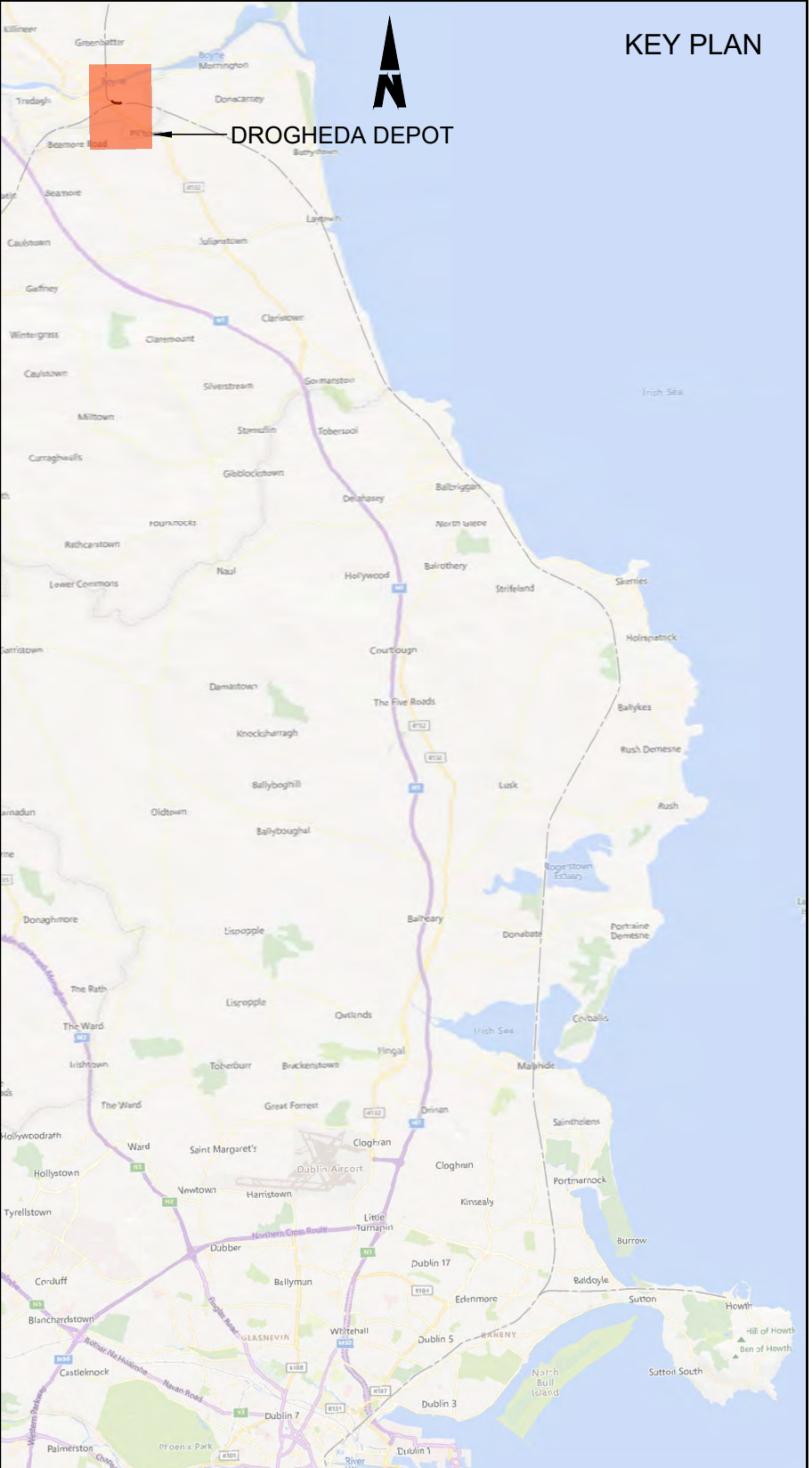
- PROPOSED RAIL
- EXISTING RAIL
- EXISTING GROUND

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

CROSS SECTION

- PROPOSED TRACK WORK
- EXISTING TRACK
- EXISTING GROUND

- NOTES:**
- 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)
 - Chainage datum is 1+000 located at the toe of the existing S8-8 turnout. It applies for all lines
 - Track gauge to be nominal 1602mm for plain line and 1600mm for P&C
 - 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
 - Radii quoted are from track centreline, unless otherwise stated
 - Proposed sleeper spacing to be 643mm, unless otherwise stated
 - Renewal is to be treated as track category III. Ballast depth to be 300mm below sleeper bottom, with 50 mm sand blanket treatment and separator. Crossfalls to be 1:25 as per CCE-TMS-300 unless otherwise stated
 - Modular compliant layouts throughout
 - 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.
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Rev

P01	13/10/2023	MV	SS	DB	
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Description

PLANNING ISSUE

Client

lanród Éireann
Irish Rail

Engineering Designer

ARUP

Project Title

DART+ COASTAL NORTH

Drawing Title

DROGHEDA DEPOT
TRACK ALIGNMENT

Date
01/06/2023

Scale
1:250 @ A1
1:500 @ A3

Drawn
MV

Checked
SS

Approved
DB

Project Code
D+WP56

Originator Code
ARP

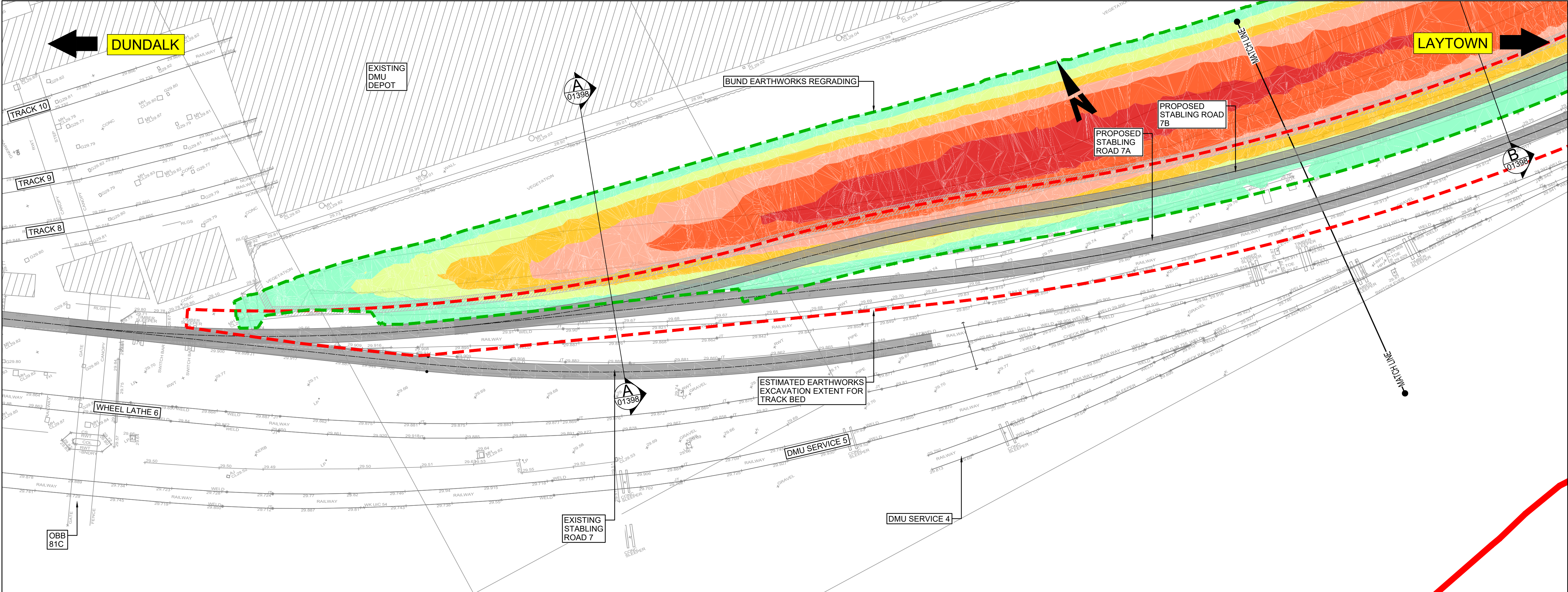
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280275-00

Drawing File Name
D+WP56-ARP-P4-NL-DR-RO-001394

Sheet Number
05 of 05

Status
S3

Rev
P01



LEGEND

PLAN

- PROPOSED TRACK WORK
- DEVELOPMENT BOUNDARY
- PROPOSED EXCAVATION AREA TO TRACK BED
- PROPOSED BUND REGRADING AREA

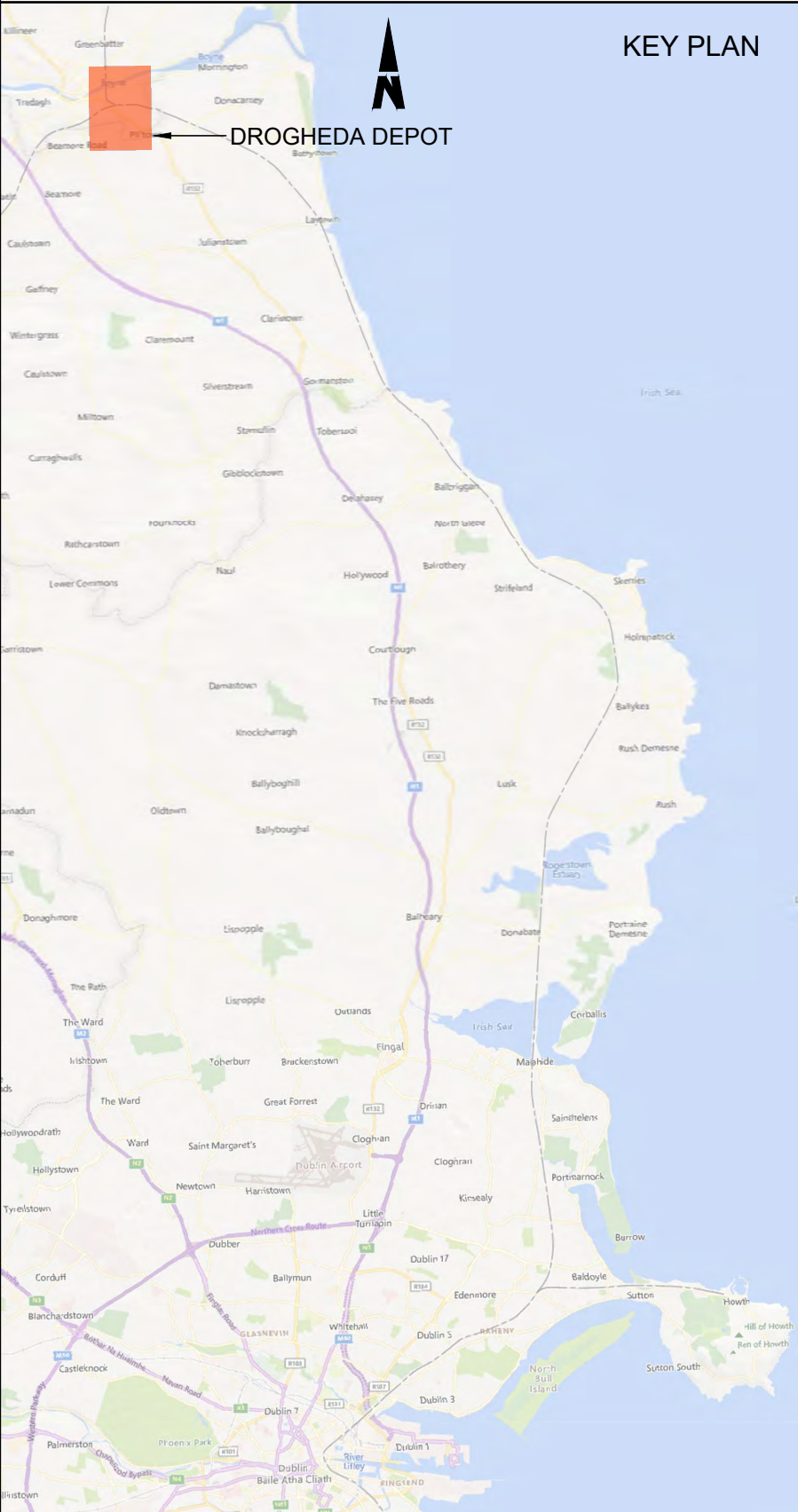
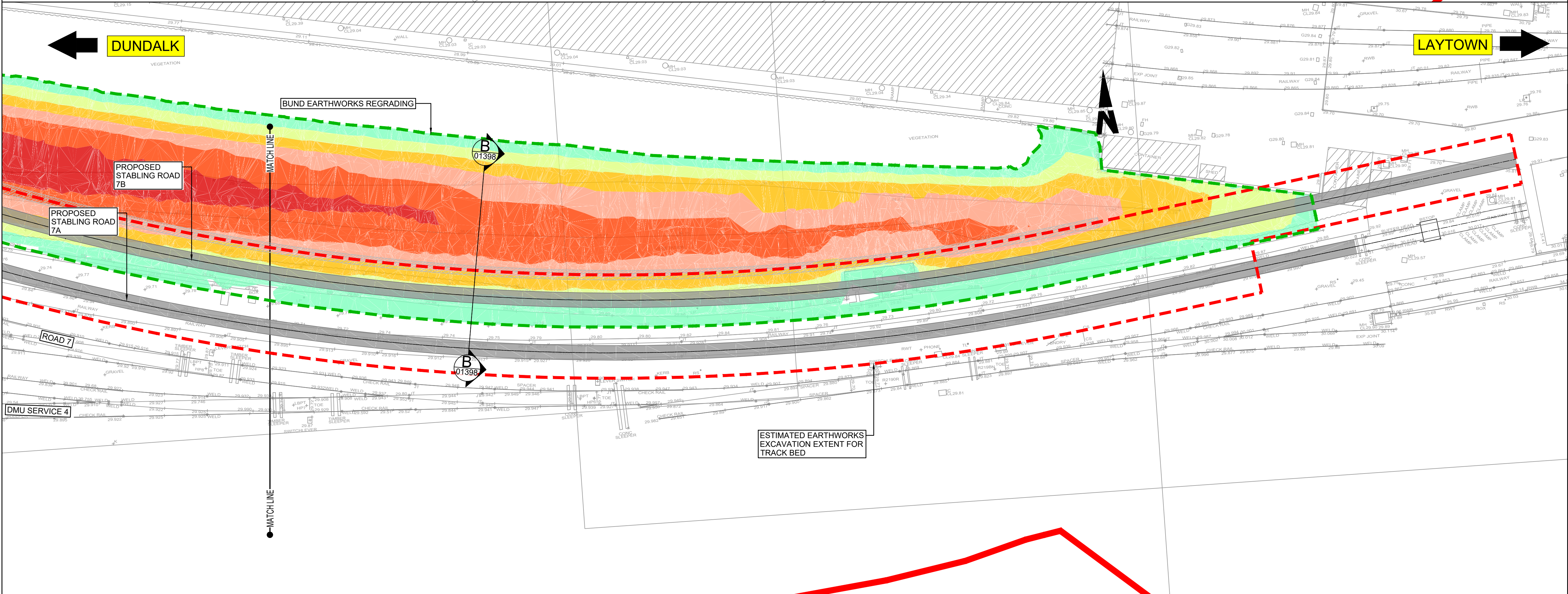
CROSS SECTION

- PROPOSED TRACK WORK
- EXISTING TRACK
- EXISTING GROUND FROM TOPOGRAPHIC SURVEY
- EXISTING GROUND FROM AERIAL LIDAR SURVEY
- PROPOSED EARTHWORKS PROFILE

Notes

- Minor variations to existing arrangement may have occurred since topographic survey took place. Earthworks solution and volumes are based upon LIDAR survey provided by IÉ
- Chainages, levels and coordinates are shown in meters. All other dimensions are shown in millimeters, unless otherwise stated
- Proposed earthworks solution to be reviewed and updated, as required, following receipt of the factual ground investigation report

CUT/FILL	EXCAVATION DEPTHS (m)	COLOR
CUT	-5.84 - -5.00	
CUT	-5.00 - -4.00	
CUT	-4.00 - -3.00	
CUT	-3.00 - -2.00	
CUT	-2.00 - -1.00	
CUT	-1.00 - 0.00	



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Rev	Date	Drm	Chk'd	App'd	Description
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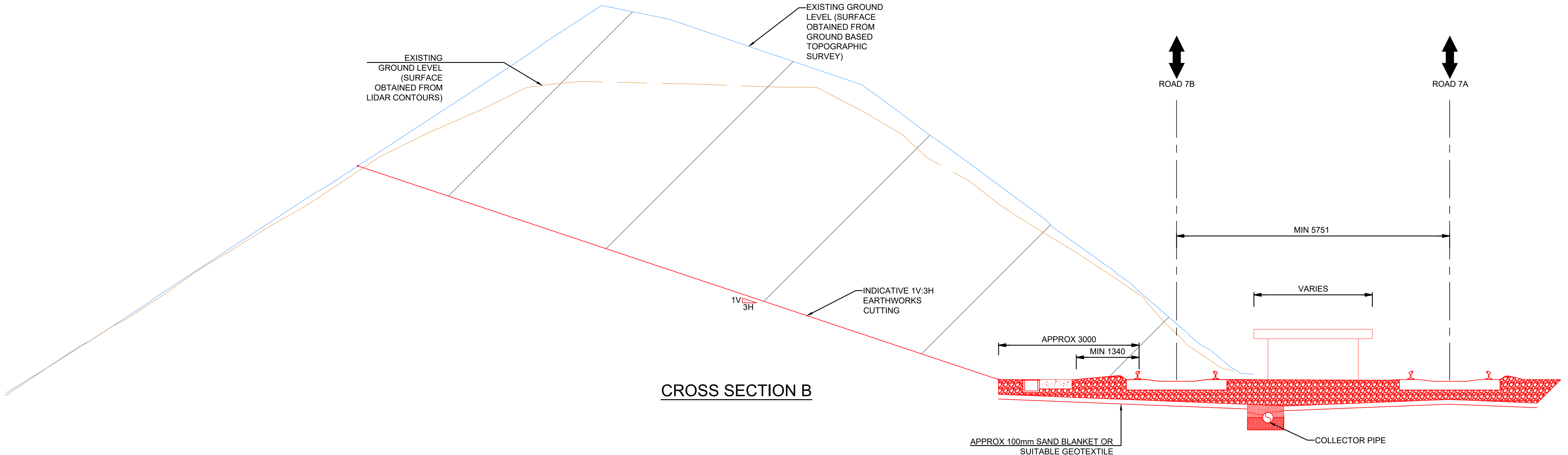
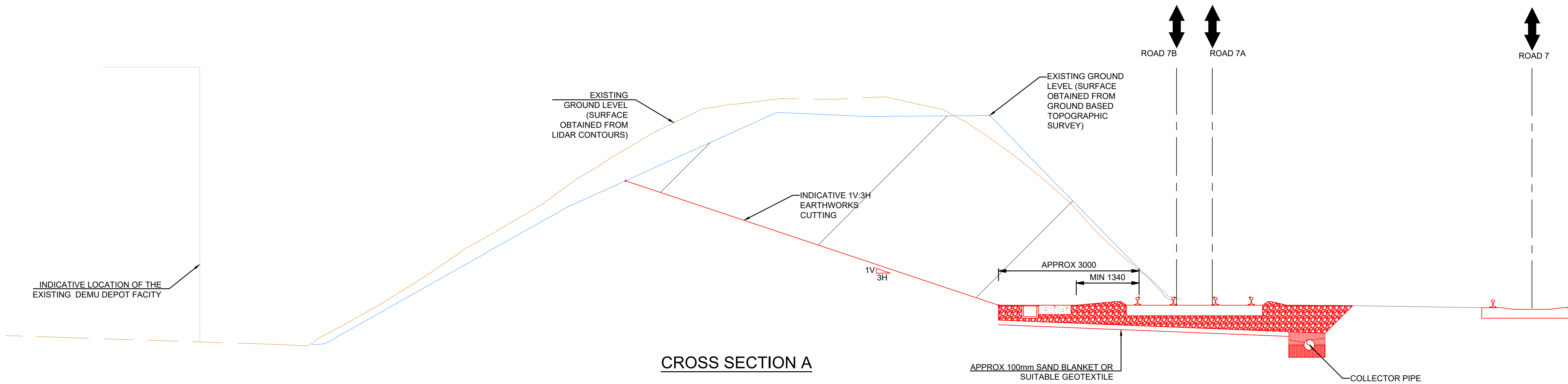
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Date	Scale
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Project Code	Originator Code
D+WP56	ARP

Engineering Designer		
ARUP		
Drawn	Checked	Approved
SS	MT	DB
QMS Code	280275-00	

Project Title			
DART+ COASTAL NORTH			
Drawing Title			
DROGHEDA DEPOT EARTHWORKS - GENERAL ARRANGEMENTS			
Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-P4-NL-DR-RO-001397	01 of 01	S3	P01

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LEGEND

PLAN

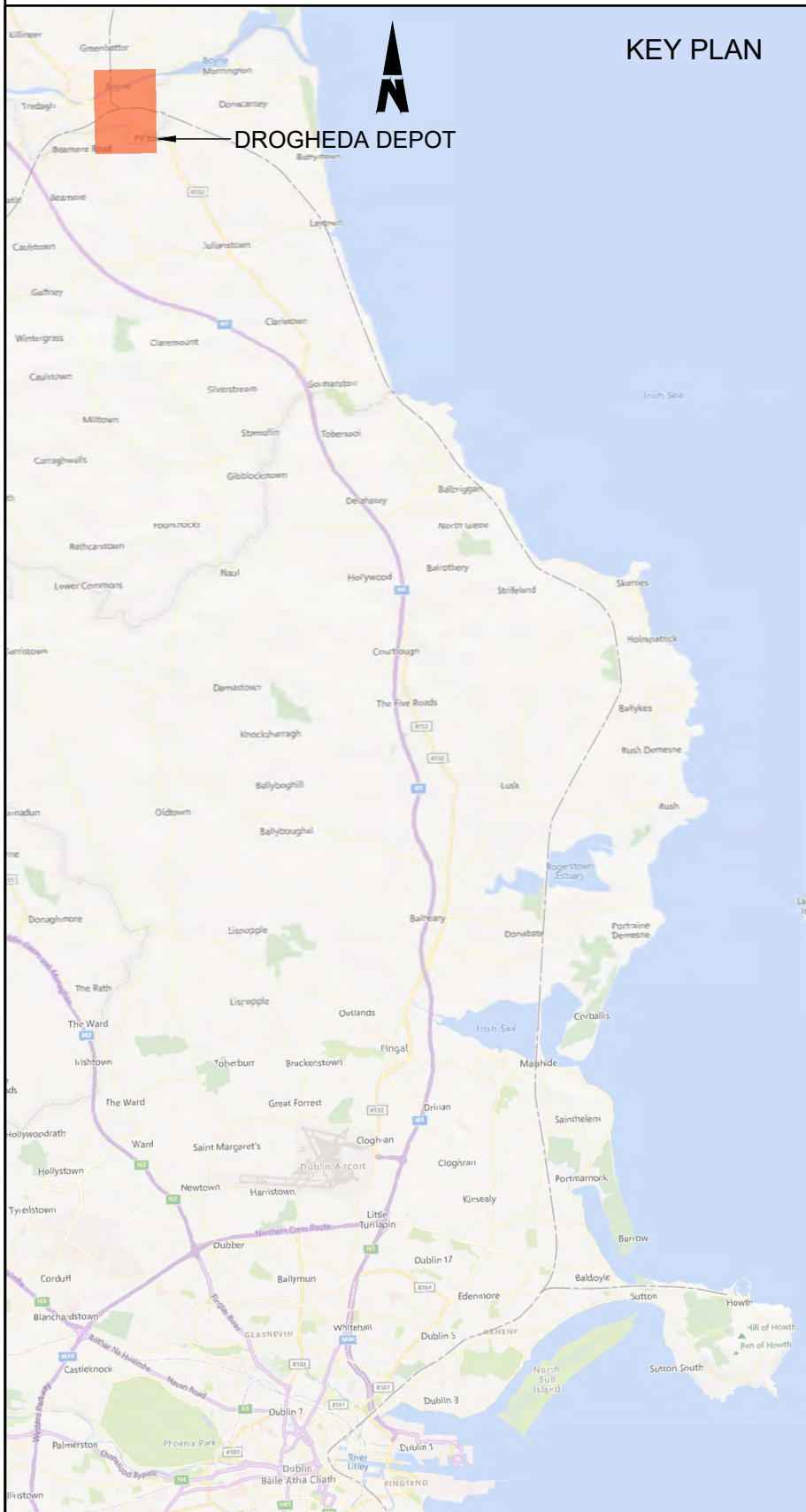
- PROPOSED TRACK WORK
- DEVELOPMENT BOUNDARY
- PROPOSED EXCAVATION AREA TO TRACK BED
- PROPOSED BUND REGRADING AREA

CROSS SECTION

- PROPOSED TRACK WORK
- EXISTING TRACK
- EXISTING GROUND FROM TOPOGRAPHIC SURVEY
- EXISTING GROUND FROM AERIAL LIDAR SURVEY
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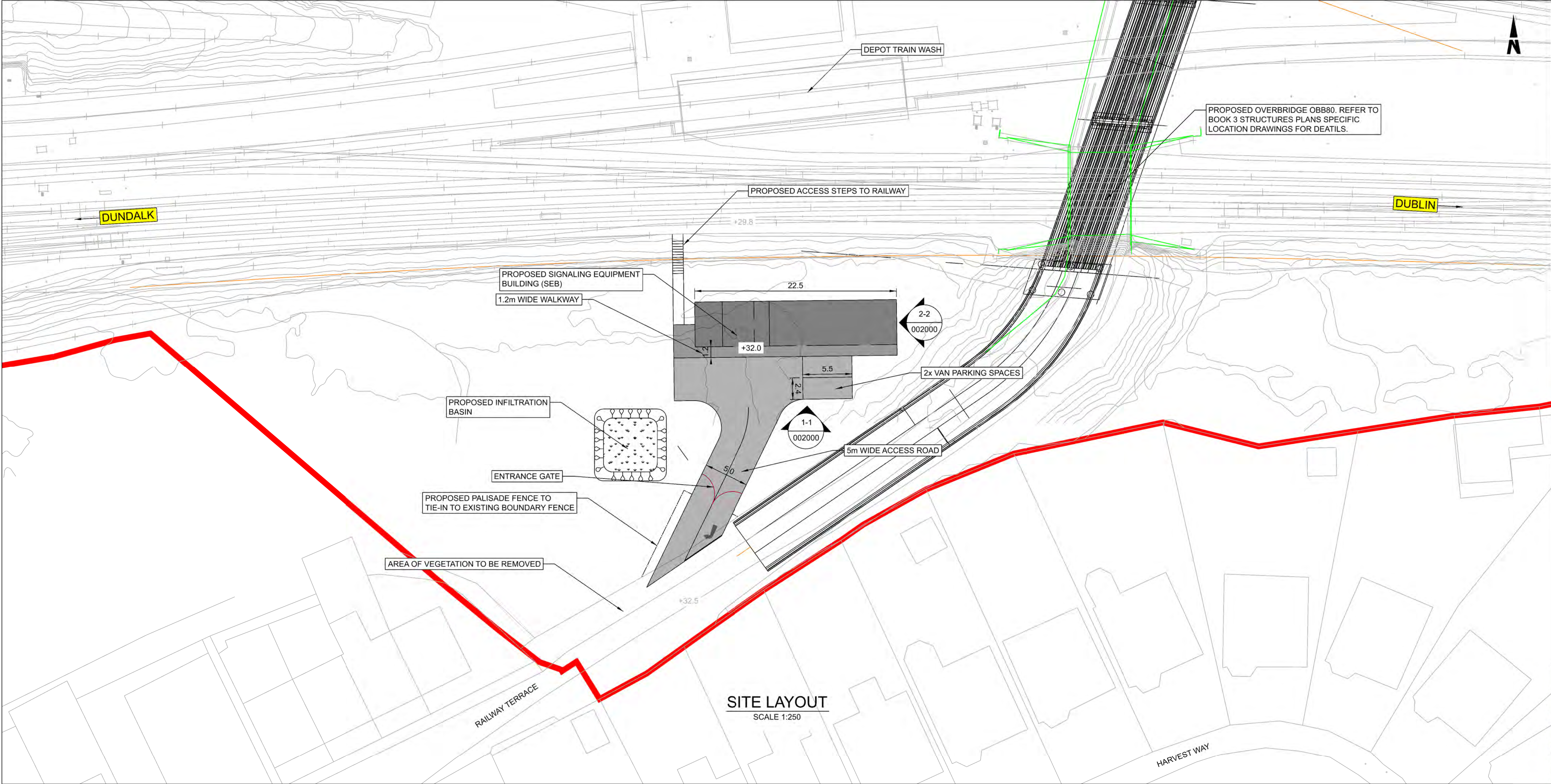


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Iarnród Éireann Irish Rail		ARUP	
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D+WP56	ARP	280275-00	
Approved		DB	

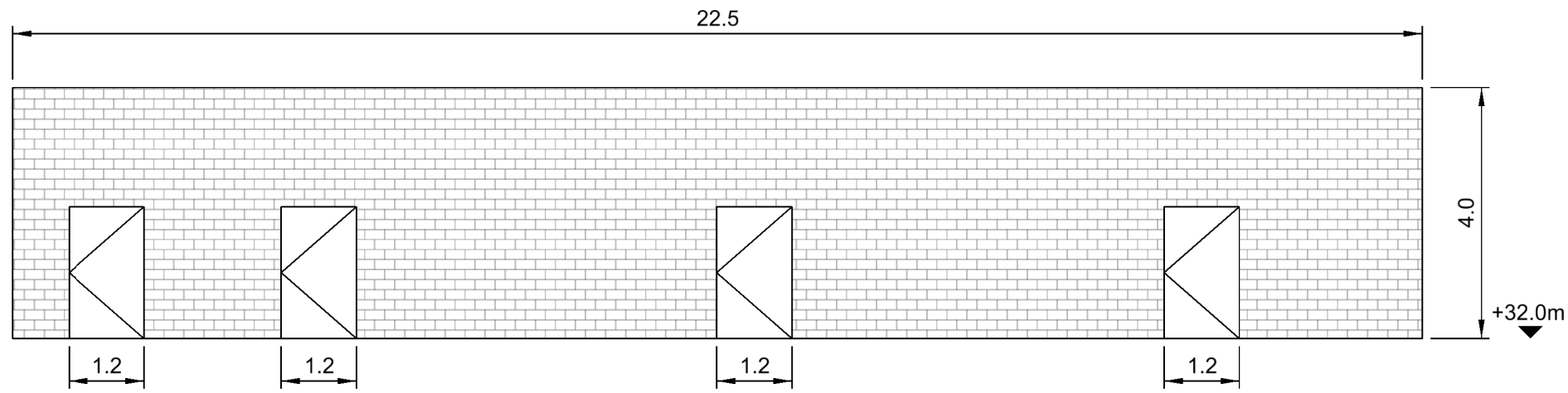
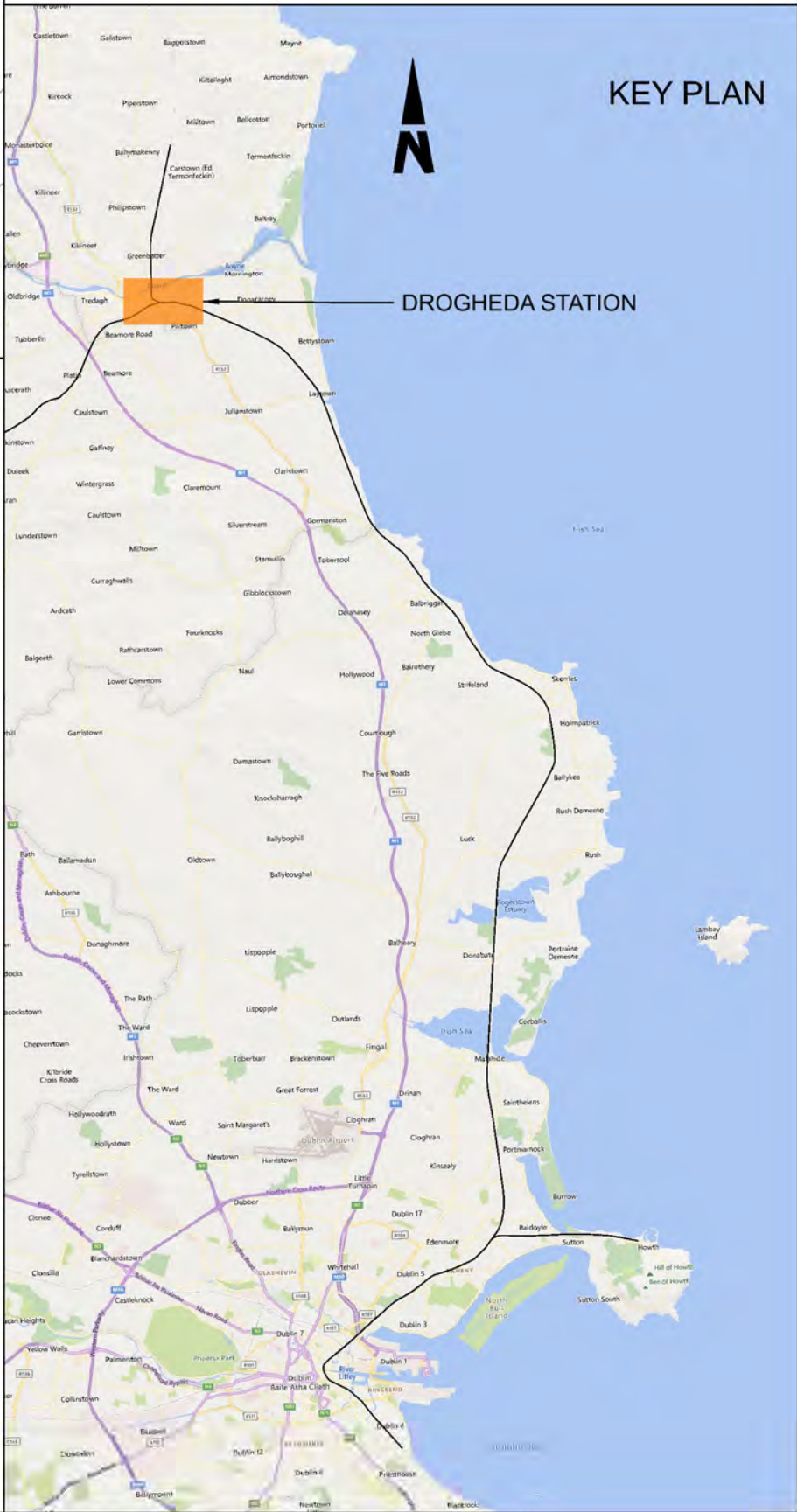
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DART+ COASTAL NORTH			
Drawing Title			
DROGHEDA DEPOT EARTHWORKS CROSS SECTIONS			
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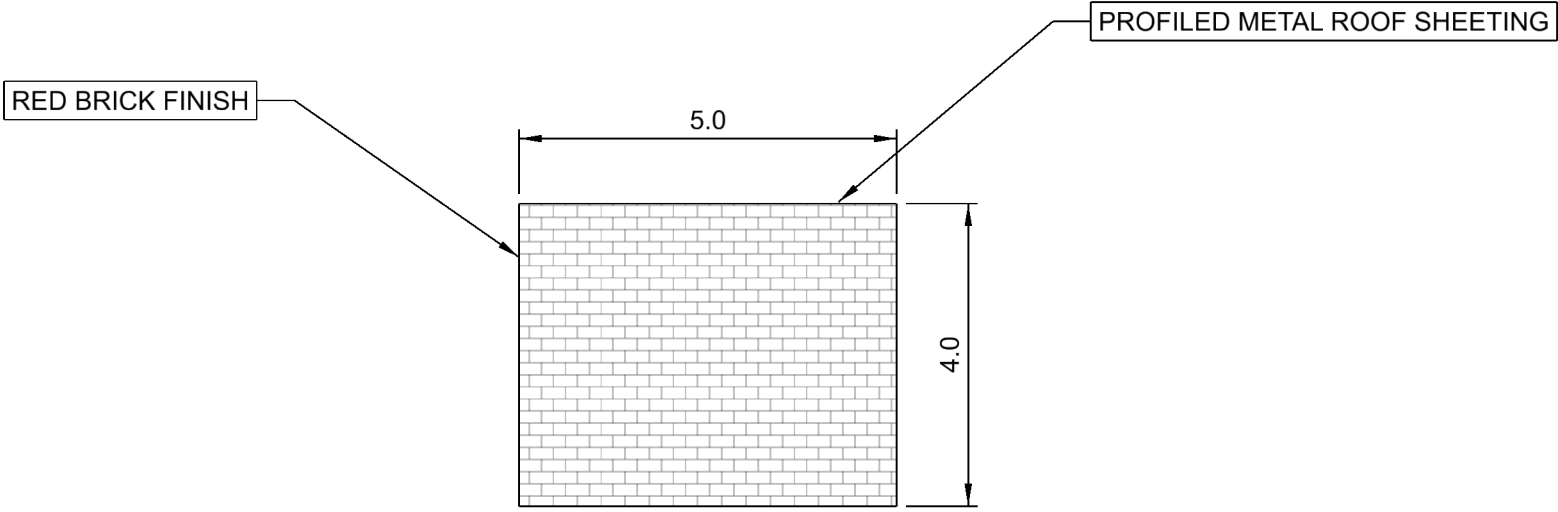


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- LEGEND:
- DEVELOPMENT BOUNDARY
 - EXISTING ELEMENTS
 - PROPOSED ELEMENTS
 - REMOVED ELEMENTS
 - PROPOSED LEVELS
 - EXISTING LEVELS
 - PROPOSED FENCE



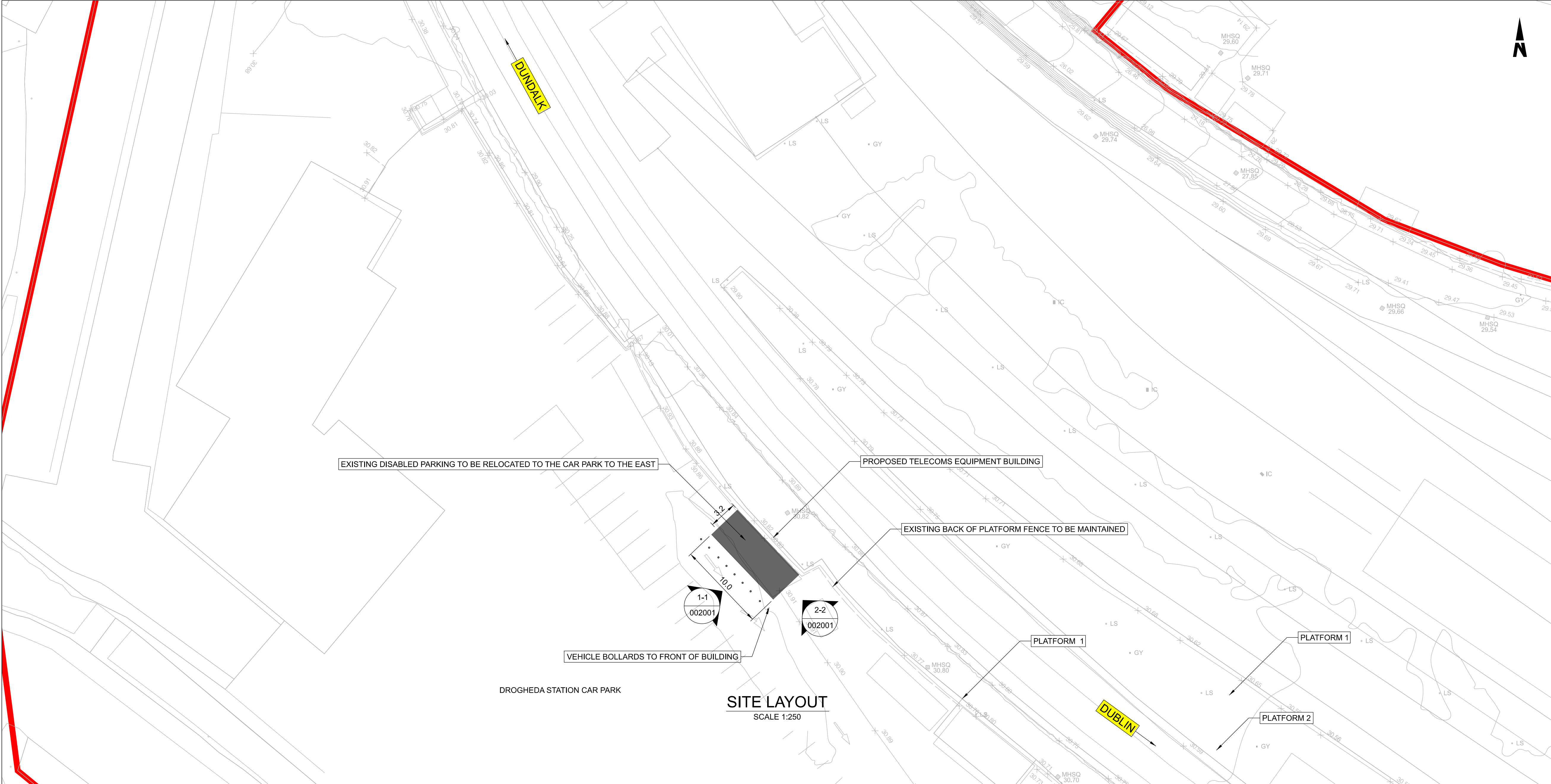
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1:100



2-2
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ELEVATION 2-2
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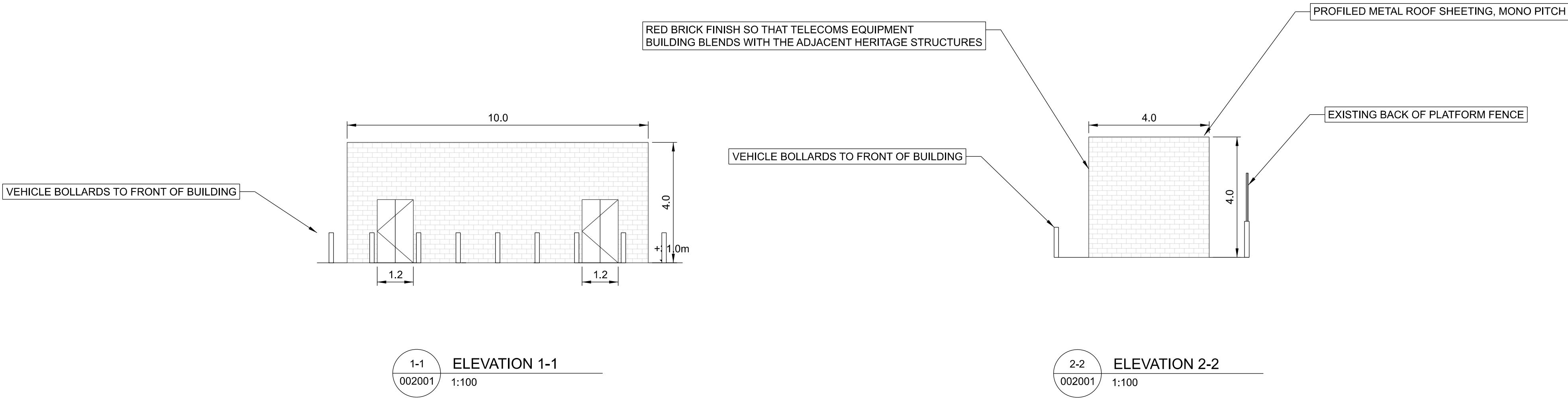
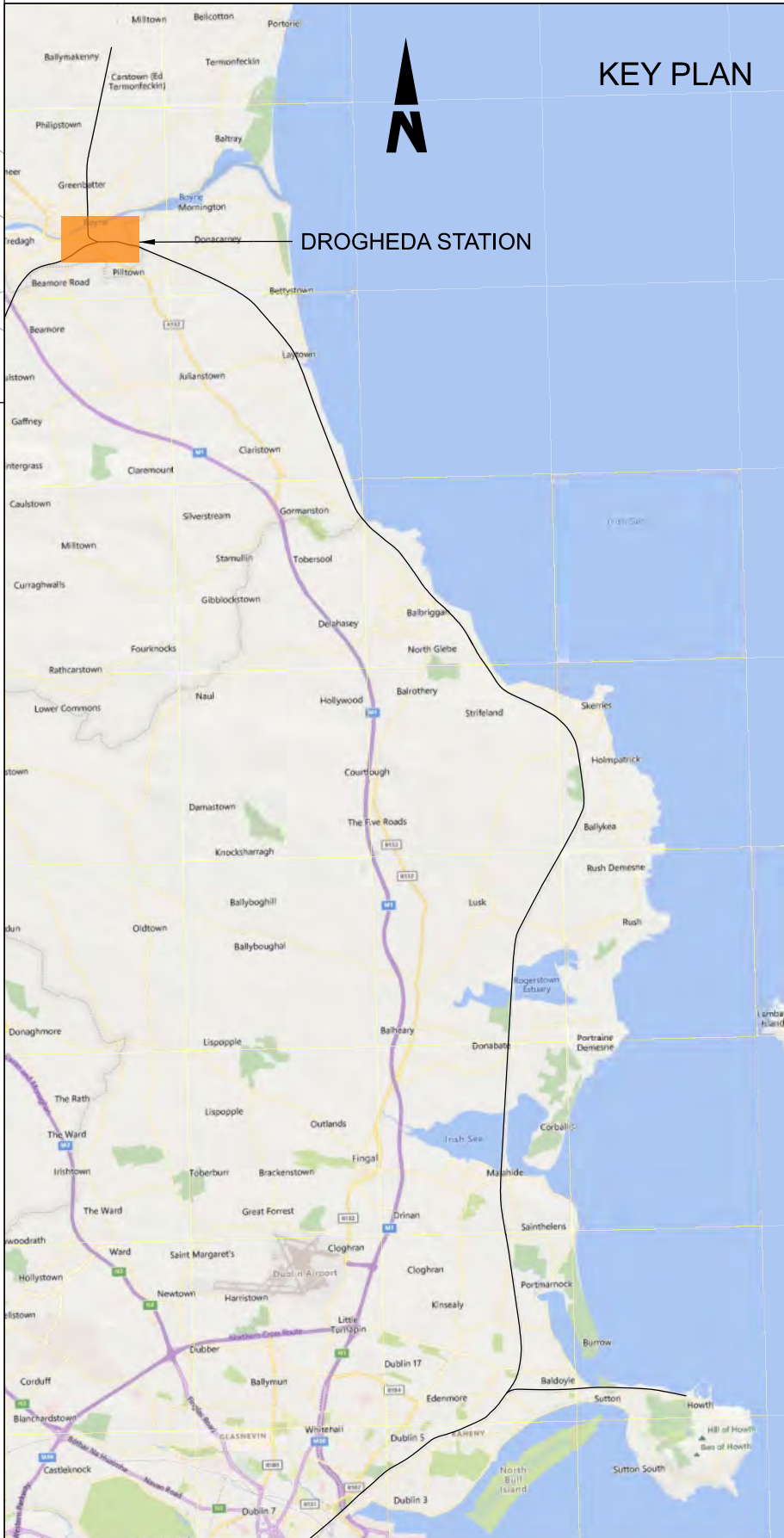
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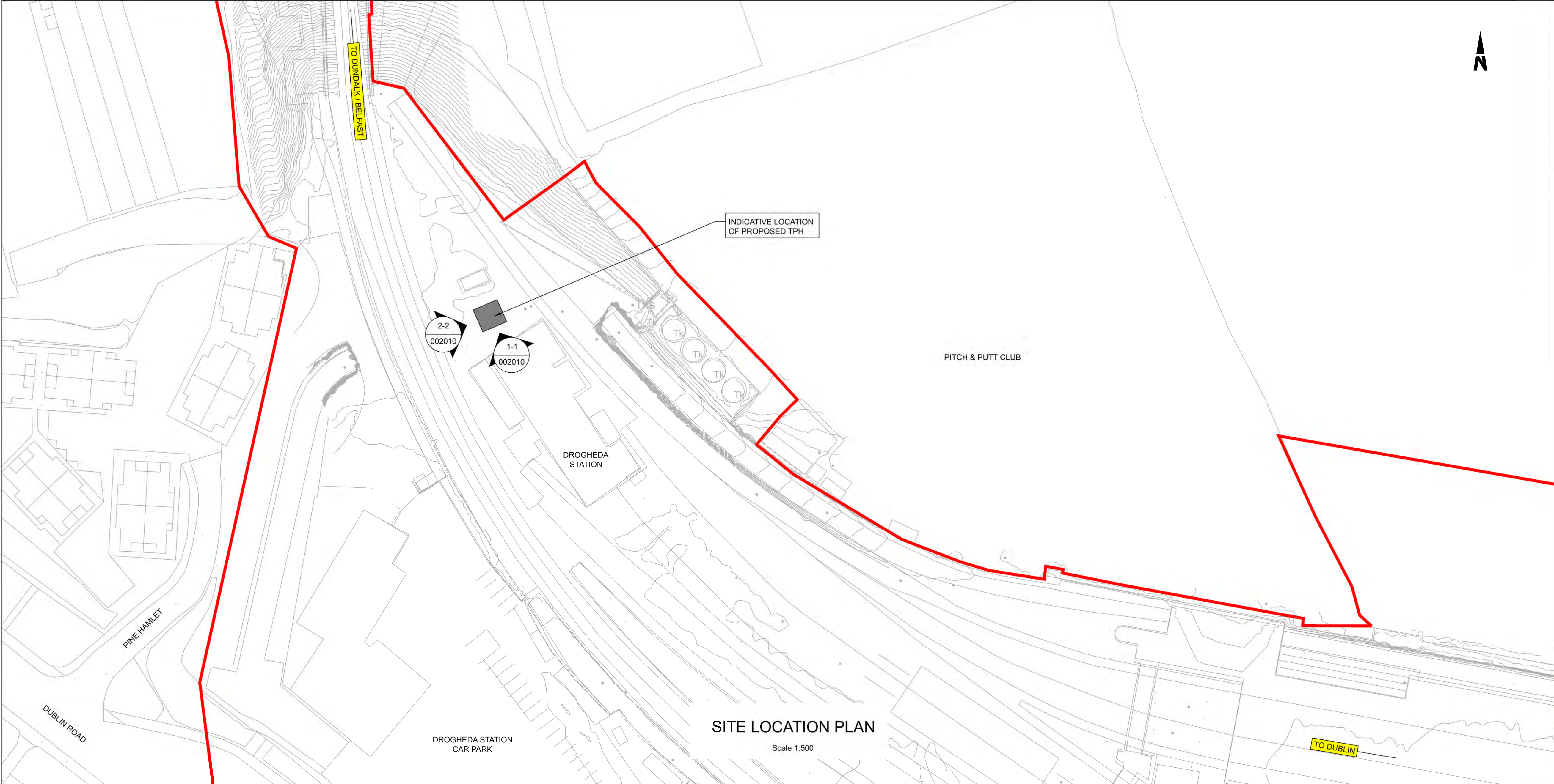


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- LEGEND**
- DEVELOPMENT BOUNDARY
 - EXISTING ELEMENTS
 - PROPOSED ELEMENTS

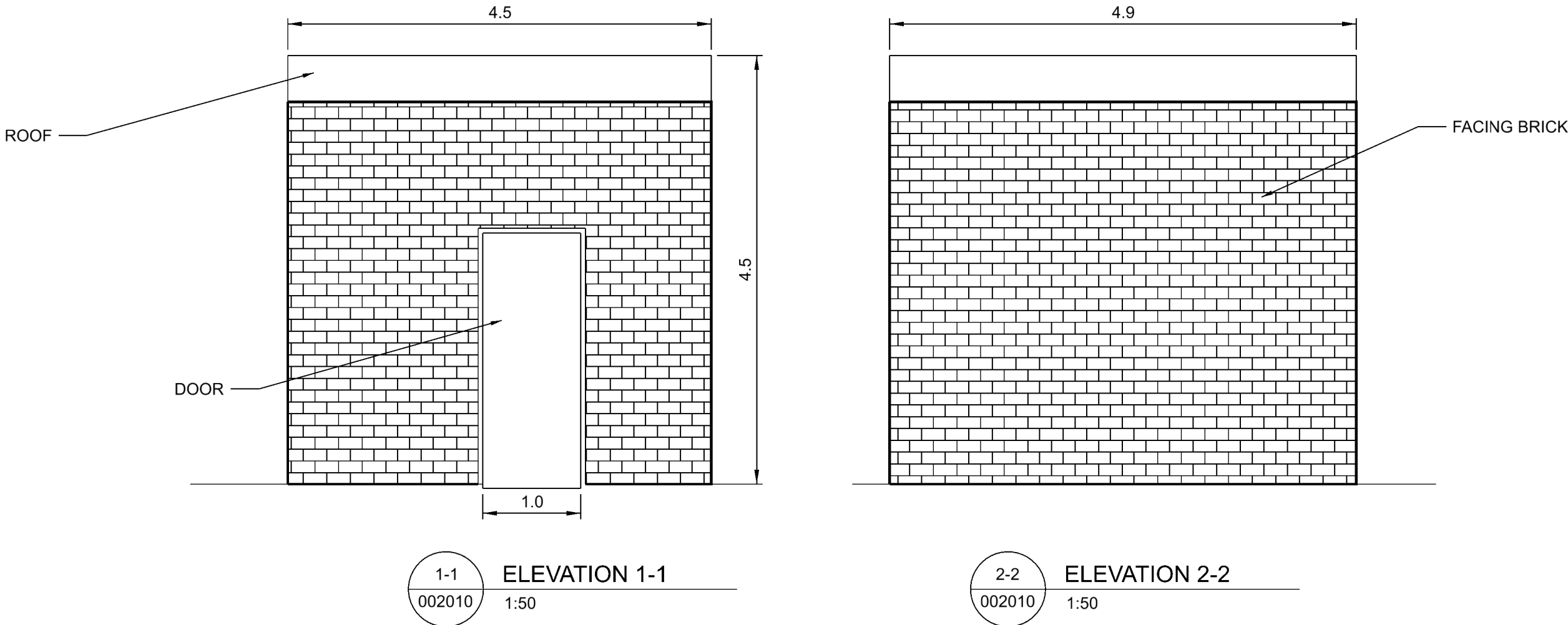
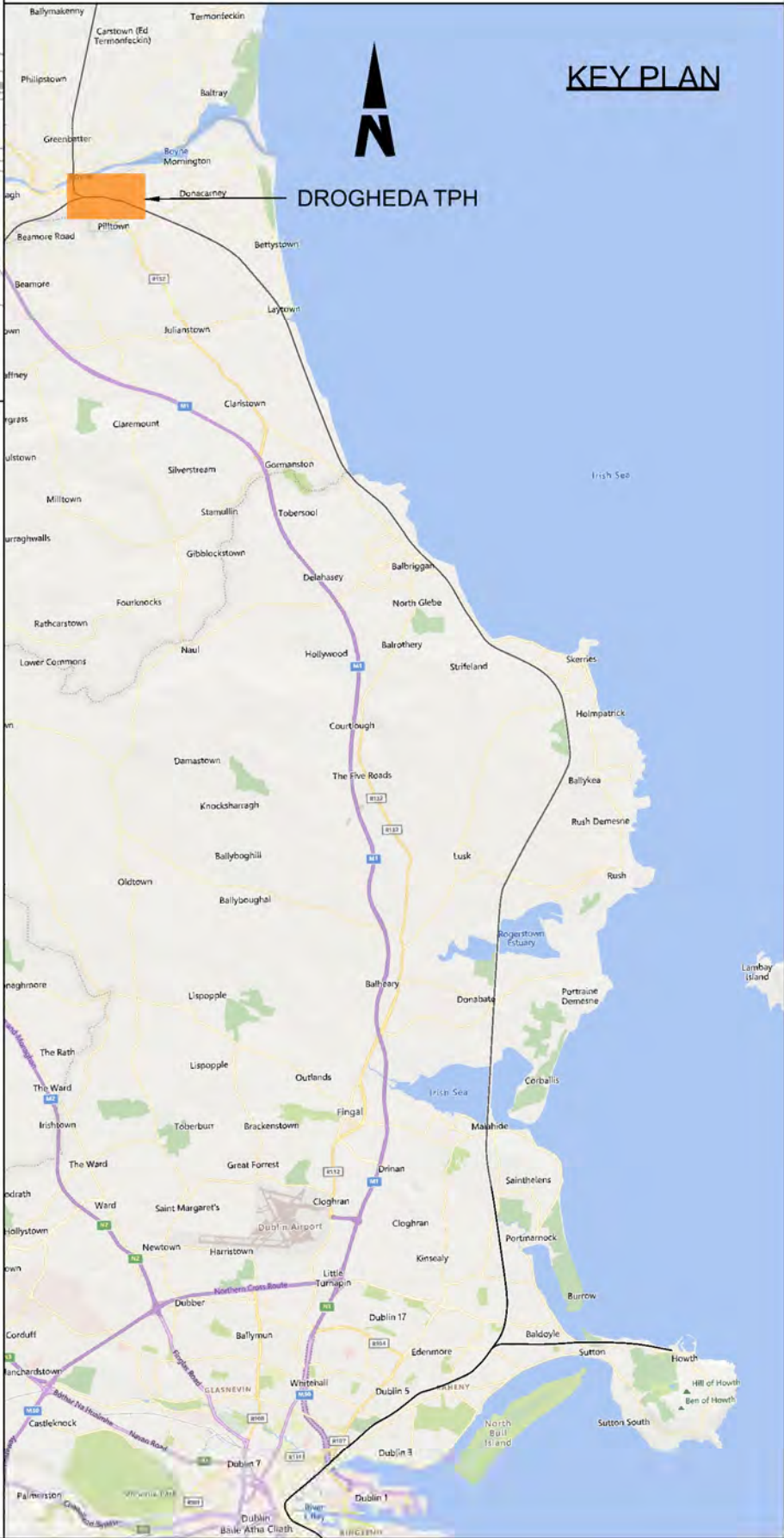


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- LEGEND**
- DEVELOPMENT BOUNDARY
 - EXISTING ELEMENTS
 - PROPOSED ELEMENTS



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Rev	Date	Dm	Chk'd	App'd	Description
P01	26/06/2023	AC	EJ	DB	PLANNING ISSUE

Client	
Iarnród Éireann Irish Rail	
Date	01/06/2023
Scale	SHOWN@ A1 @ A3
Project Code	D+WP56
Originator Code	ARUP

Engineering Designer			
ARUP			
Drawn	AC	Checked	EJ
Approved	DB		
QMS Code	279933-00		

Project Title			
DART+ COASTAL NORTH			
Drawing Title			
PROPOSED TRACTION PARALLELING HUT (TPH) DROGHEDA SITE LAYOUT			
Drawing File Name	Sheet Number	Status	Rev
D+WP56-ARP-P4-NL-DR-RO-002010	1 of 1	S3	P01

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