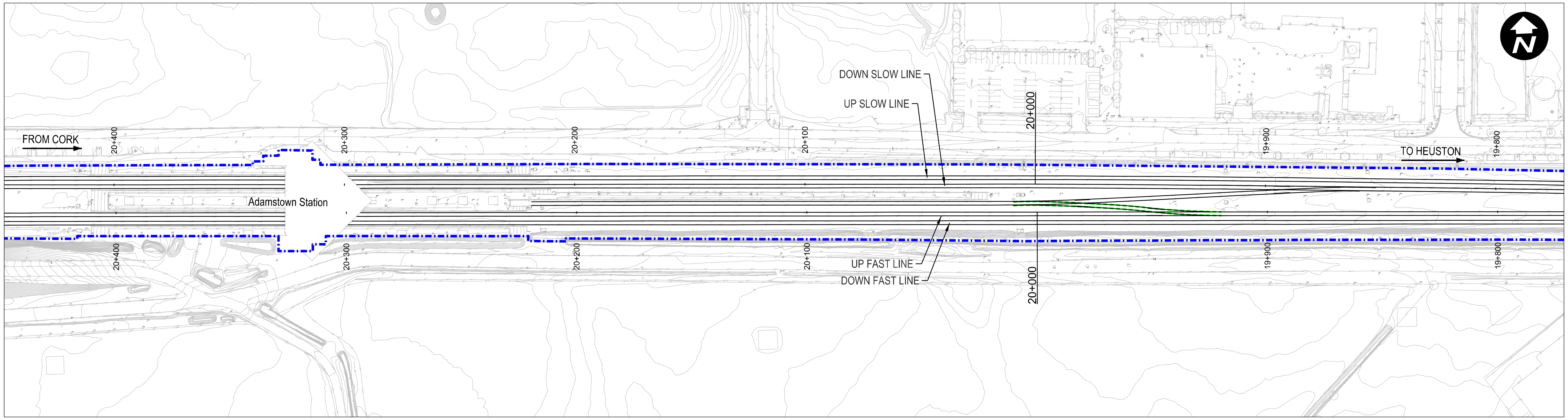
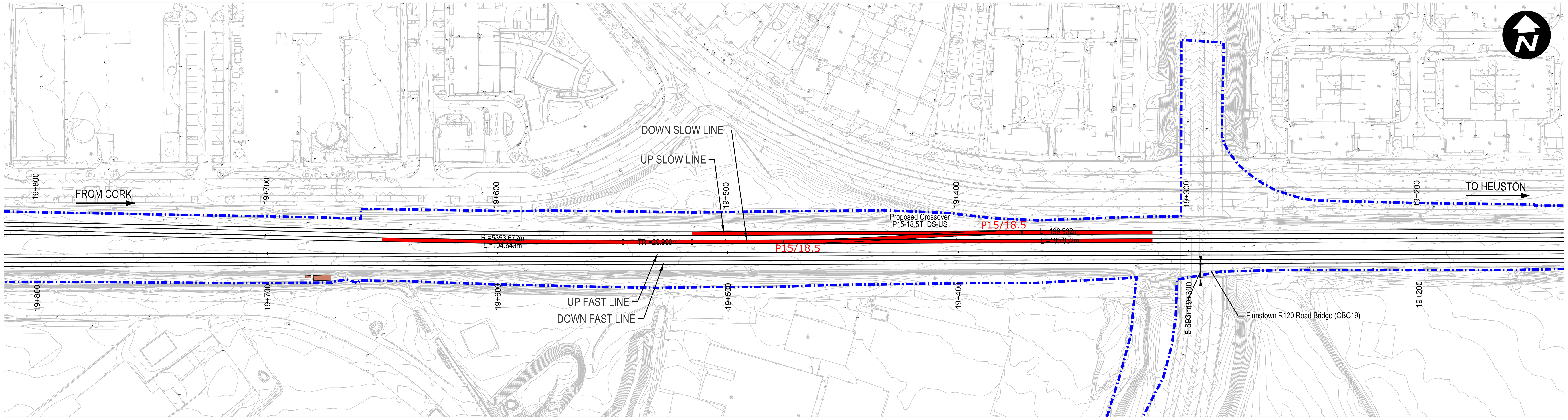


Plan Scale 1:1000



Plan Scale 1:1000

Legend:

- Renewed Track / Slewed Track
- Existing Track to be Retained (Main Lines)
- Existing Track to be Retained (Not Main Lines)
- Existing Track to be Removed
- IÉ Property Boundary
- Proposed Retaining Wall
- P8/8 Type of Turnout
- Low Voltage/Telecommunications/Signalling cabinets

1. Design is based on topographical survey QT-94577-Dart-Southwest Section_01 to 10 (DWG format) in ITM coordinates.

2. The layout shows the new crossover required for Slow Line railway operation.

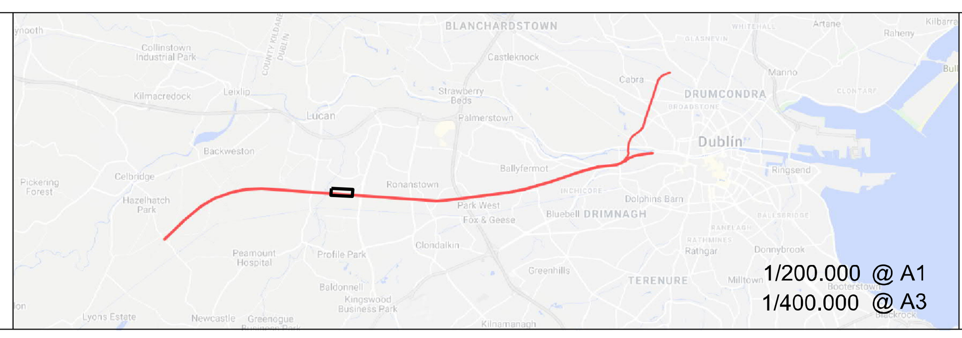
NOTE:

INFORMATION IS PRESENTED FOR PUBLIC CONSULTATION NO. 2.

NOT ALL DESIGN DETAIL OR CONSTRUCTION RELATED DETAIL ARE KNOWN AT THIS TIME, E.G. SUBSTATION LOCATIONS, CONSTRUCTION COMPOUNDS, TEMPORARY BRIDGE REQUIREMENTS, TEMPORARY UTILITY DIVERSIONS AND OTHER ELEMENTS

POTENTIAL INTERFERENCE WITH PROPERTY RIGHTS IS BASED ON THE LEVEL OF INFORMATION AND DESIGN AVAILABLE AT THIS TIME. FURTHER WORK INCLUDING DETAILED DESIGN AND TECHNICAL AND CONSTRUCTION RELATED SOLUTIONS WILL SEEK TO MINIMISE POTENTIAL INTERFERENCE WITH PROPERTY RIGHTS

All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin 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).



1/200.000 @ A1
1/400.000 @ A3

DART+ PROGRAMME

Rev	Date	Drn	Chk'd	App'd	Description
v01	21/09/21	CDM	JYM	PR	ISSUED FOR PUBLIC CONSULTATION 2

Client: Iarnród Éireann Irish Rail

Engineering Designer: TYPSA ATKINS Member of the SNC-Lavalin Group TUC RAIL

Supported by: rps

Date	Scale	Drawn	Checked	Approved
	1:1000 @ A1 1:2000 @ A3	CDM	JYM	PR

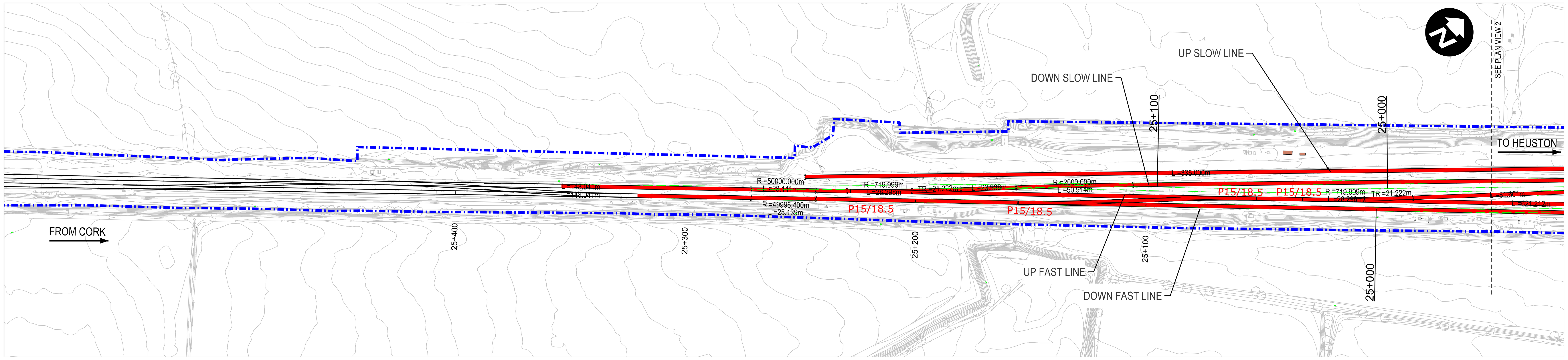
Project Code	Issuer	QMS Code
	ATK	

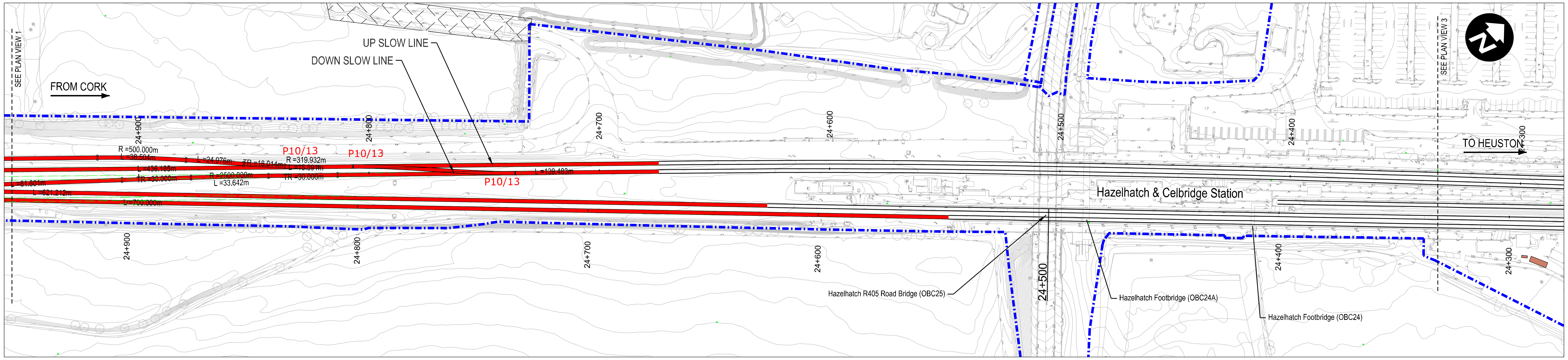
Project Title: DART + SOUTH WEST

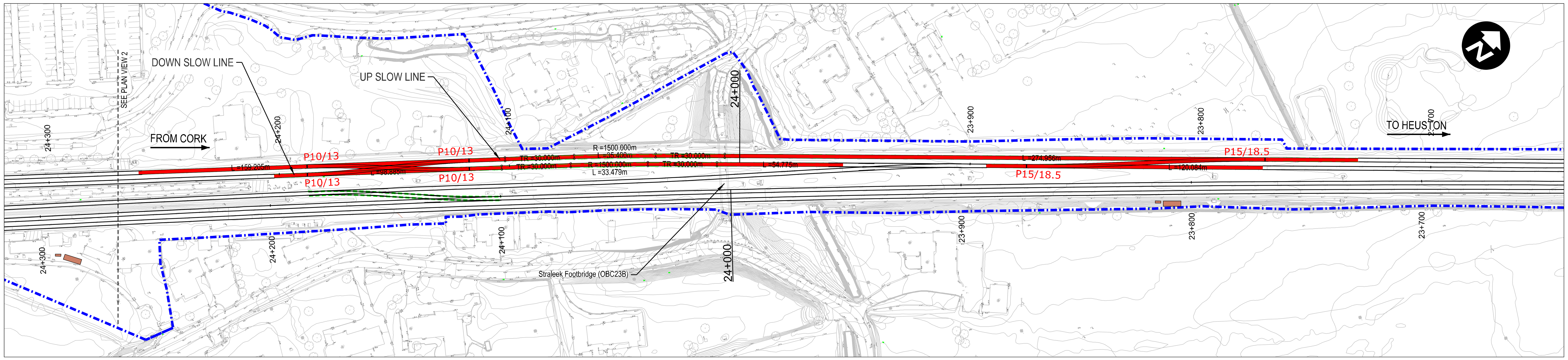
Drawing Title: ADAMSTOWN TRACK PLAN LAYOUT

Drawing File Name	Version	Status
DP-04-23-DWG-PW-TTA-67391	v01	S3

DO NOT SCALE USE FIGURED DIMENSIONS ONLY







Plan Scale 1:1000

Legend:

- Renewed Track / Slewed Track
- Existing Track to be Retained (Main Lines)
- Existing Track to be Retained (Not Main Lines)
- Existing Track to be Removed
- IÉ Property Boundary
- Proposed Retaining Wall
- P8/8 Type of Turnout
- Low Voltage/Telecommunications/Signalling cabinets

1. Design is based on topographical survey QT-94577-Dart-Southwest Section_01 to 10 (DWG format) in ITM coordinates.

2. The layout shows the new crossover and scissors crossover required for Slow Line railway operation at the Northeast of Hazelhatch & Celbridge Station, and new turnouts and crossovers to connect to existing double track at the Southwest of Hazelhatch & Celbridge Station.

NOTE:

INFORMATION IS PRESENTED FOR PUBLIC CONSULTATION NO. 2.

NOT ALL DESIGN DETAIL OR CONSTRUCTION RELATED DETAIL ARE KNOWN AT THIS TIME, E.G. SUBSTATION LOCATIONS, CONSTRUCTION COMPOUNDS, TEMPORARY BRIDGE REQUIREMENTS, TEMPORARY UTILITY DIVERSIONS AND OTHER ELEMENTS

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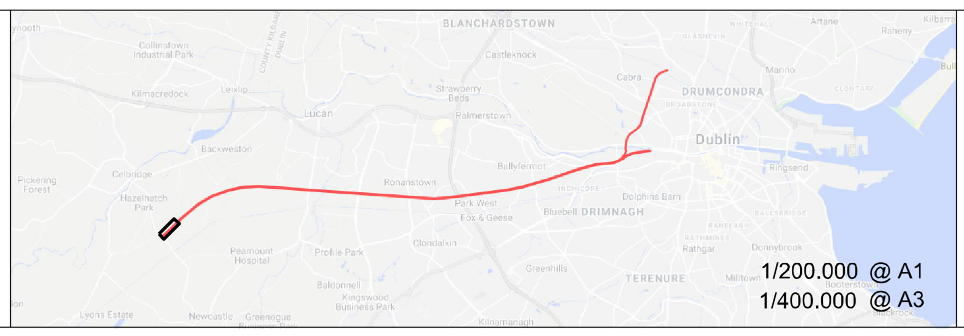
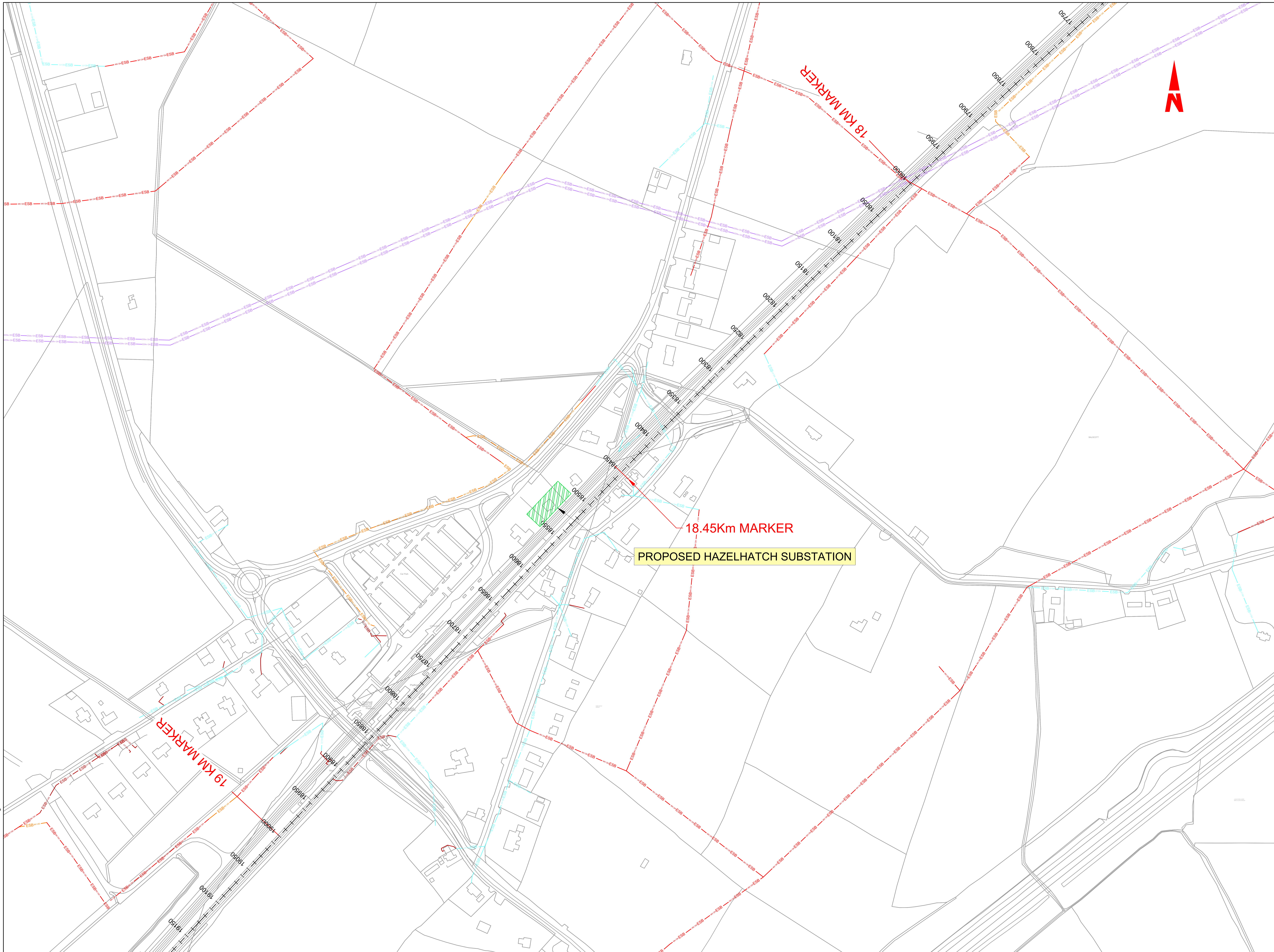
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).



Rev	Date	Drn	Chk'd	App'd	Description
v01	21/09/21	CDM	JYM	PR	ISSUED FOR PUBLIC CONSULTATION 2

Client	Iarnród Éireann Irish Rail
Engineering Designer	TYPSA / ATKINS (Member of the SNC-Lavalin Group) / TUC RAIL
Supported by:	rps
Project Title	DART + SOUTH WEST
Drawing Title	HAZELHATCH TRACK PLAN LAYOUT
Date	
Scale	1:1000 @ A1; 1:2000 @ A3
Drawn	CDM
Checked	JYM
Approved	PR
Project Code	
Issuer	ATK
QMS Code	
Drawing File Name	DP-04-23-DWG-PW-TTA-67392
Version	v01
Status	S3

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



LEGEND :

- PROPOSED SUBSTATION
- 220kV NETWORK UNDERGROUND CABLE
- 220kV NETWORK OVERHEAD CABLE
- 110kV NETWORK UNDERGROUND CABLE
- 110kV NETWORK OVERHEAD CABLE
- 38kV NETWORK UNDERGROUND CABLE
- 38kV NETWORK OVERHEAD CABLE
- MV NETWORK UNDERGROUND CABLE
- MV NETWORK OVERHEAD CABLE
- LV NETWORK UNDERGROUND CABLE
- LV NETWORK OVERHEAD LINE

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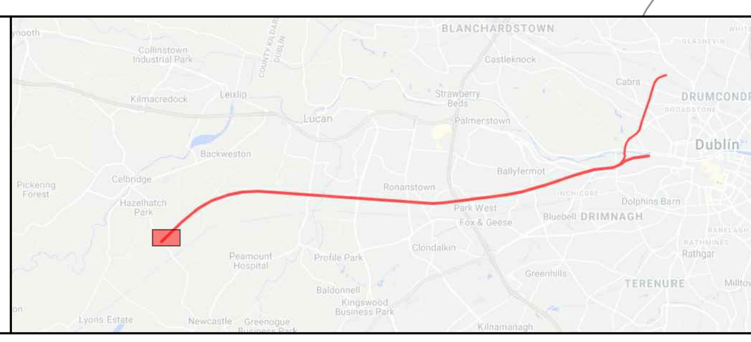
All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control.
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).



1/200000 @ A1
1/400000 @ A3

Rev	Date	Drn	Chk'd	App'd	Description
V01	28.10.21	DB	AB	DM	ISSUED FOR PUBLIC CONSULTATION 2

Client: Iarnród Éireann Irish Rail

Engineering Designer: TYPSA, ATKINS (Member of the SNC-Lavalin Group), TUC RAIL
Supported by: rps

Date	Scale	Drawn	Checked	Approved
12.07.21	1:2000 @ A1 1:4000 @ A3	DB	AB	DM

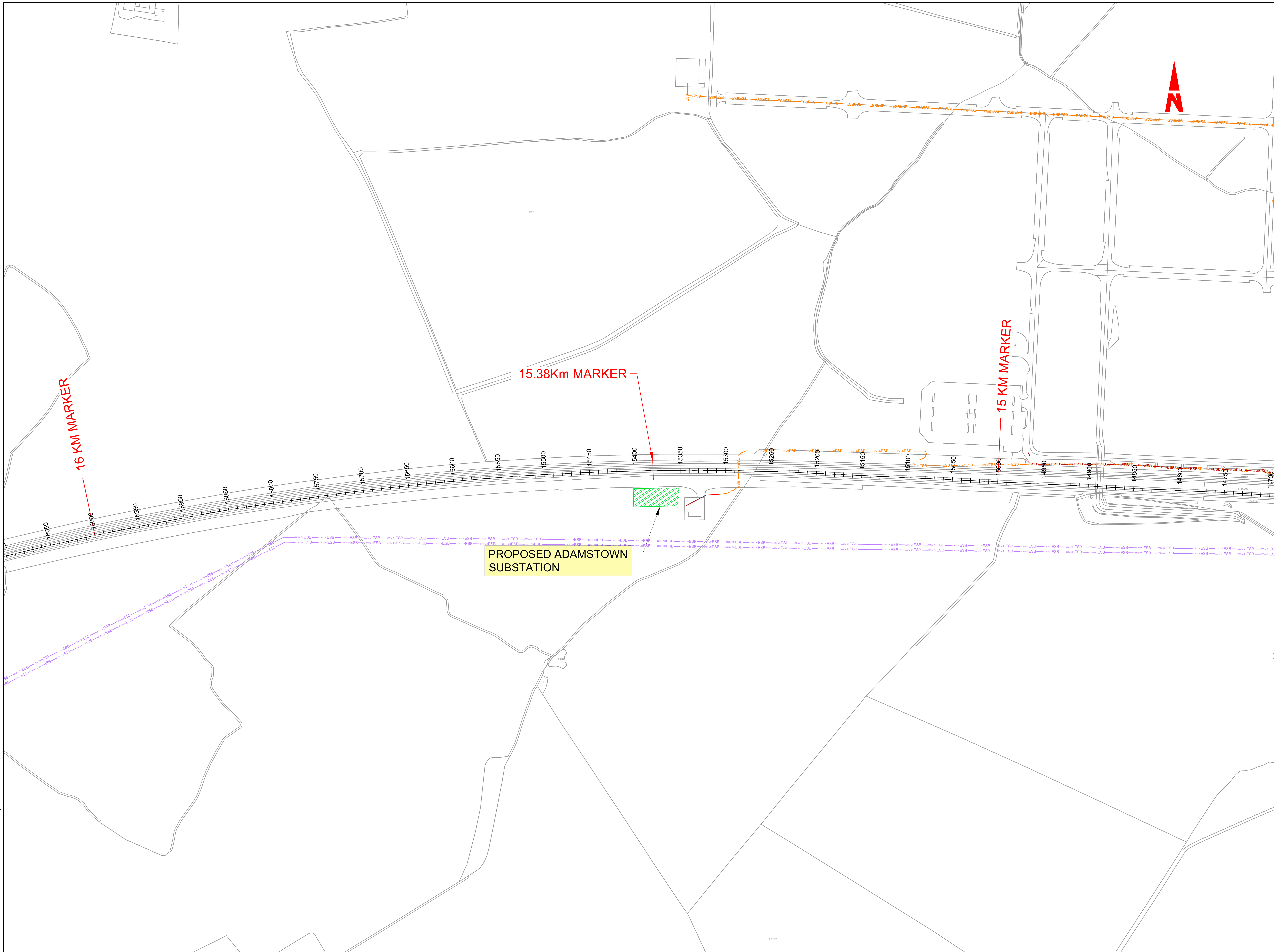
Project Code	Issuer	QMS Code
5199586	ATK	

Project Title: DART + SOUTH WEST

Drawing Title: HAZELHATCH IE PROPOSED SUBSTATION LOCATION

Drawing File Name	Version	Status
DP-04-23-DWG-EL-TTA-09426	V01	S3

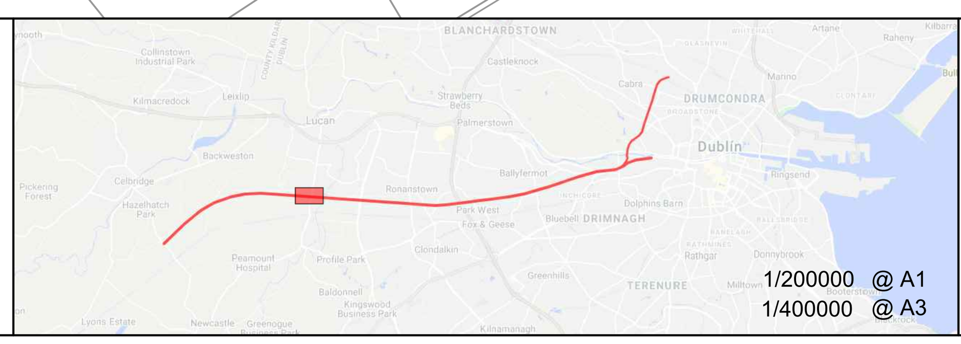
DO NOT SCALE USE FIGURED DIMENSIONS ONLY



LEGEND :

- PROPOSED SUBSTATION
- 220kV NETWORK UNDERGROUND CABLE
- 220kV NETWORK OVERHEAD CABLE
- 110kV NETWORK UNDERGROUND CABLE
- 110kV NETWORK OVERHEAD CABLE
- 38kV NETWORK UNDERGROUND CABLE
- 38kV NETWORK OVERHEAD CABLE
- MV NETWORK UNDERGROUND CABLE
- MV NETWORK OVERHEAD CABLE
- LV NETWORK UNDERGROUND CABLE
- LV NETWORK OVERHEAD LINE

All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin 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	28.10.21	DB	AB	DM	ISSUED FOR PUBLIC CONSULTATION 2

Client	Iarnród Éireann Irish Rail
Engineering Designer	TYPSA, ATKINS (Member of the SNC-Lavalin Group), TUC RAIL; Supported by: rps
Project Title	DART + SOUTH WEST
Drawing Title	ADAMSTOWN IE PROPOSED SUBSTATION LOCATION
Date	12.07.21
Scale	1:2000 @ A1 / 1:4000 @ A3
Drawn	DB
Checked	AB
Approved	DM
Project Code	5199586
Issuer	ATK
QMS Code	
Drawing File Name	DP-04-23-DWG-EL-TTA-09425
Version	V01
Status	S3

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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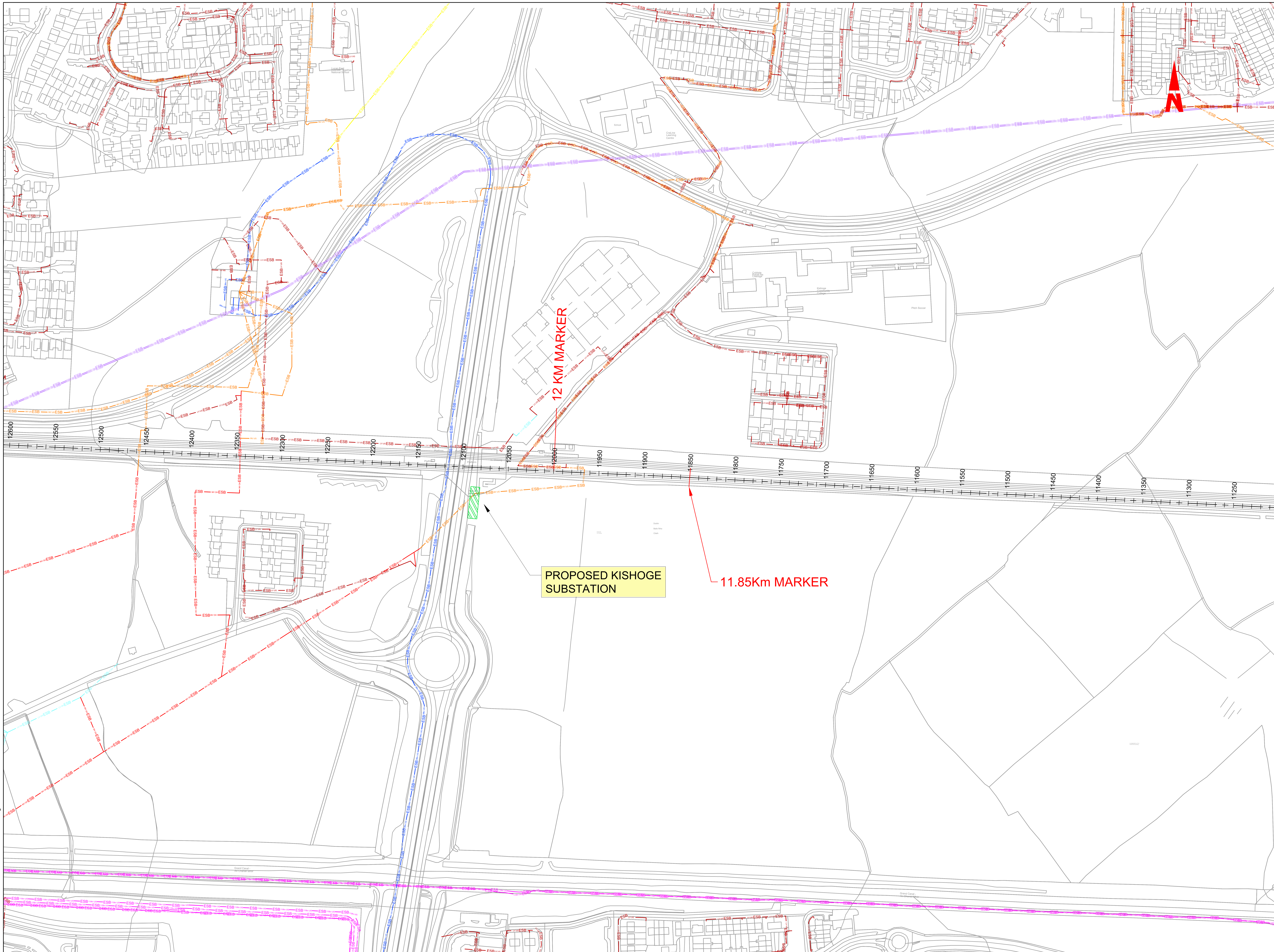

LEGEND :

- PROPOSED SUBSTATION
- 220kV NETWORK UNDERGROUND CABLE
- 220kV NETWORK OVERHEAD CABLE
- 110kV NETWORK UNDERGROUND CABLE
- 110kV NETWORK OVERHEAD CABLE
- 38kV NETWORK UNDERGROUND CABLE
- 38kV NETWORK OVERHEAD CABLE
- MV NETWORK UNDERGROUND CABLE
- MV NETWORK OVERHEAD CABLE
- LV NETWORK UNDERGROUND CABLE
- LV NETWORK OVERHEAD LINE

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All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin 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).

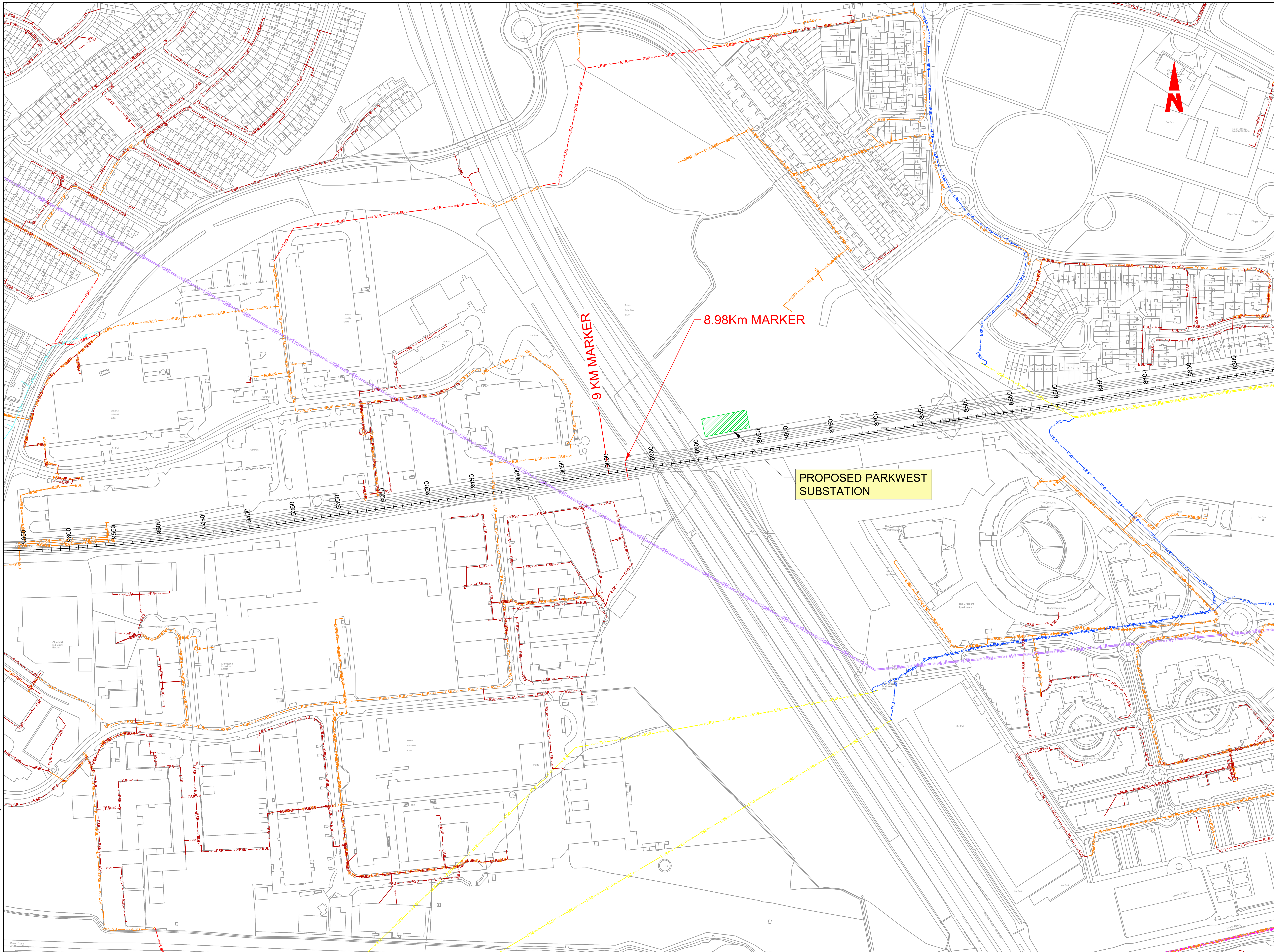
1/200000 @ A1
1/400000 @ A3

DART+ South West

Rev	Date	Drn	Chk'd	App'd	Description
V01	28.10.21	DB	AB	DM	ISSUED FOR PUBLIC CONSULTATION 2

Client: Iarnród Éireann Irish Rail	Engineering Designer: TYPSA, ATKINS (Member of the SNC-Lavalin Group), TUC RAIL. Supported by: rps	Project Title	DART + SOUTH WEST
Date: 12.07.21	Scale: 1:2000 @ A1, 1:4000 @ A3	Drawing Title	KISHOGUE IE PROPOSED SUBSTATION LOCATION
Drawn: DB	Checked: AB	Approved: DM	
Project Code: 5199586	Issuer: ATK	QMS Code	Drawing File Name: DP-04-23-DWG-EL-TTA-09424 — Version: V01 — Status: S3

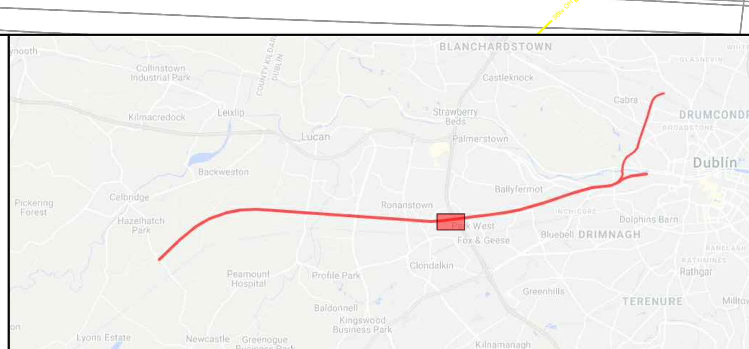
DO NOT SCALE USE FIGURED DIMENSIONS ONLY



LEGEND :

- PROPOSED SUBSTATION
- 220kV NETWORK UNDERGROUND CABLE
- 220kV NETWORK OVERHEAD CABLE
- 110kV NETWORK UNDERGROUND CABLE
- 110kV NETWORK OVERHEAD CABLE
- 38kV NETWORK UNDERGROUND CABLE
- 38kV NETWORK OVERHEAD CABLE
- MV NETWORK UNDERGROUND CABLE
- MV NETWORK OVERHEAD CABLE
- LV NETWORK UNDERGROUND CABLE
- LV NETWORK OVERHEAD LINE

All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin 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).



1/200000 @ A1
1/400000 @ A3

DART+ South West

Rev	Date	Drn	Chk'd	App'd	Description
V01	28.10.21	DB	AB	DM	ISSUED FOR PUBLIC CONSULTATION 2

Client: Iarnród Éireann Irish Rail

Engineering Designer: ATKINS, TYPSA, TUC RAIL. Supported by: rps

Project Title: DART + SOUTH WEST

Drawing Title: PARK WEST IE PROPOSED SUBSTATION LOCATION

Date	Scale	Drawn	Checked	Approved
12.07.21	1:2000 @ A1 1:4000 @ A3	DB	AB	DM

Project Code: 5199586 | Issuer: ATK | QMS Code:

Drawing File Name: DP-04-23-DWG-EL-TTA-09423 | Version: V01 | Status: S3

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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