

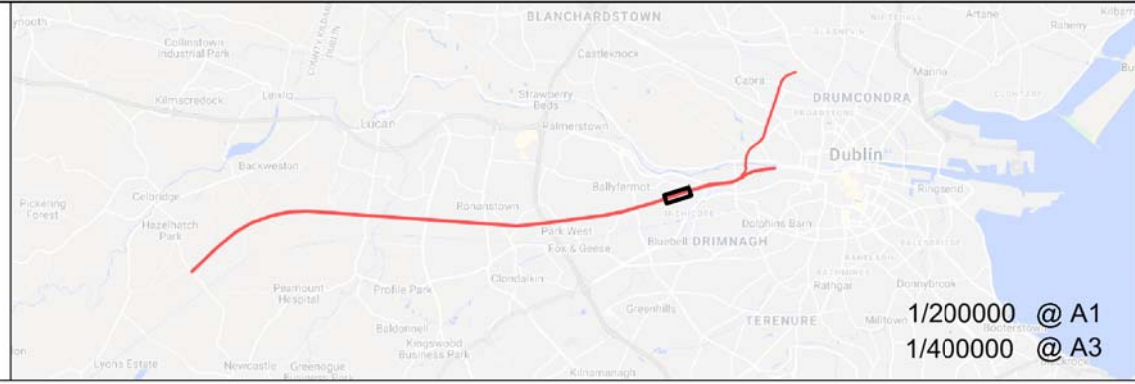
- The design is based on topographical survey 05272_C2_CD_R2 2009
IG coordinates
- All distances in metres unless otherwise stated.
- The layout shows the Permanent Way Option 3, including
Chicore Works, Khyber Pass Footbridge and Sarsfield Road bridge.
his alignment option avoid the impact over the Tunnel structure,
which will be retained. It also provides a Standard 10-foot track
interval of 3.58m. The track geometry shows a very long straight line,
which is ideal regarding track quality. However, there will be a
significant impact on the Northern side, affecting a number of
properties around this area. Some properties and attachments on the
southern side may be also slightly affected/impacted.
- Design chainage are based on project chainages as defined in
IP-04-23-REP-MM-TTA-01144-v03-S03.
- Further investigation required for the crossovers location.
- Walkways could be installed on either cess.
- New drainage is to be installed. New attenuation facilities will be
required.
- Slow tracks to be electrified.

NOTE:

**INFORMATION IS PRESENTED FOR
PUBLIC CONSULTATION NO. 1.**

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

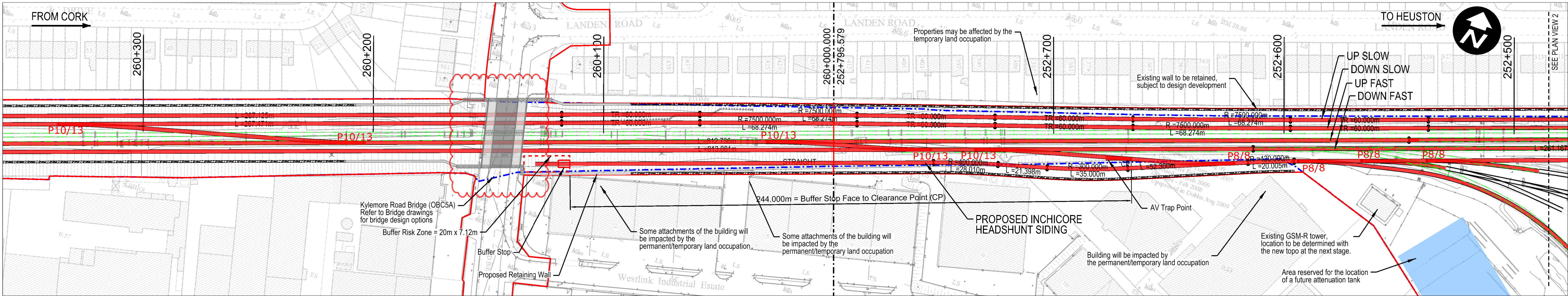
POTENTIAL INTERFERENCE WITH PROPERTY RIGHTS IS
BASED ON THE LEVEL OF INFORMATION AND DESIGN
AVAILABLE AT THIS TIME. FURTHER WORK INCLUDING
DETAILED DESIGN AND TECHNICAL AND CONSTRUCTION
RELATED SOLUTIONS WILL SEEK TO MINIMISE
POTENTIAL INTERFERENCE WITH PROPERTY RIGHTS



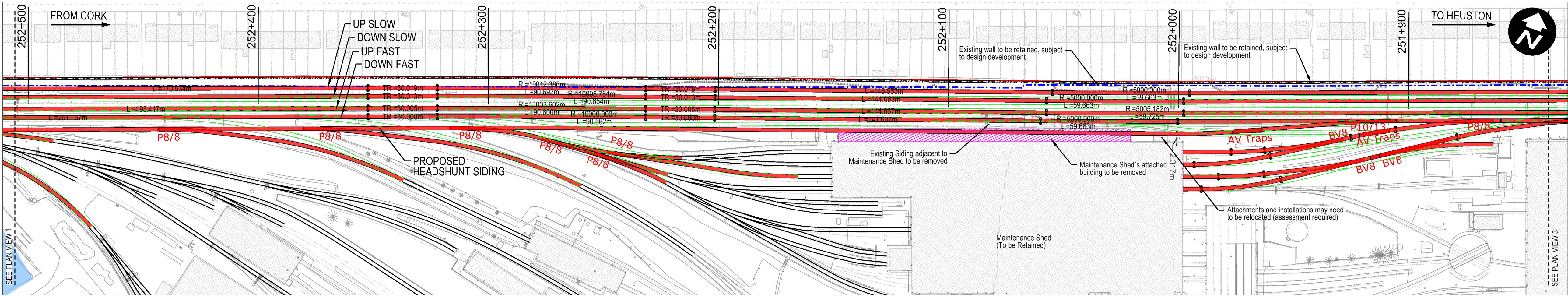
Rev	Date	Drn	Chk'd	App'd	Description
v01	21/04/2021	JYM	FJC	AG	FOR PUBLIC CONSULTATION No.1

Date	Scale 1:1000 @ A 1:2000 @ A
Project Code	Issuer ATK

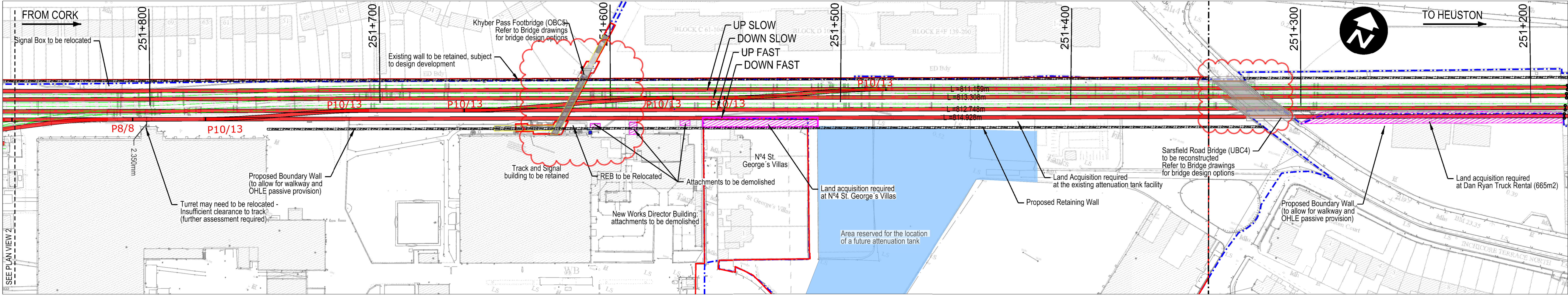
Drawn JYM	Checked FJC	Approved AG
QMS Code		



Plan View 1
Plan Scale 1:1000



Plan View 2
Plan Scale 1:1000



Plan View 3
Plan Scale 1:1000

Legend:

- Renewed Track / Slewled Track
- Existing Track to be Retained (Main Lines)
- Existing Track to be Retained (Not Main Lines)
- Existing Track to be Removed
- IE Property Boundary
- Proposed Boundary Limit - Permanent Works
- Proposed Retaining Wall
- P8/8 Type of turnout
- Indicative area of land acquisition required, based on available topographic survey information but not considering actual property boundary limits

- Design is based on topographical survey 09272_C2_3D_R2 2009 in IG coordinates
- All distances in metres unless otherwise stated.
- The layout shows the Permanent Way Option 4, including Inchicore Works, Khyber Pass Footbridge and Sarsfield Road bridge. This alignment option gives priority to avoiding the impact to any of the properties at the Northern area and considering the design of a Standard 10-foot track interval of 3.58m. However, the most significant impact will happen on the Southern side, affecting the Turret and some properties and attachments.
- Design chainage are based on project chainages as defined in DP-04-23-REP-PM-TTA-01144-v03-S03.
- Further investigation required for the crossovers location.
- Walkways could be installed on either cess.
- New drainage is to be installed. New attenuation facilities will be required.
- Slow tracks to be electrified.

NOTE:

INFORMATION IS PRESENTED FOR PUBLIC CONSULTATION NO. 1.

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

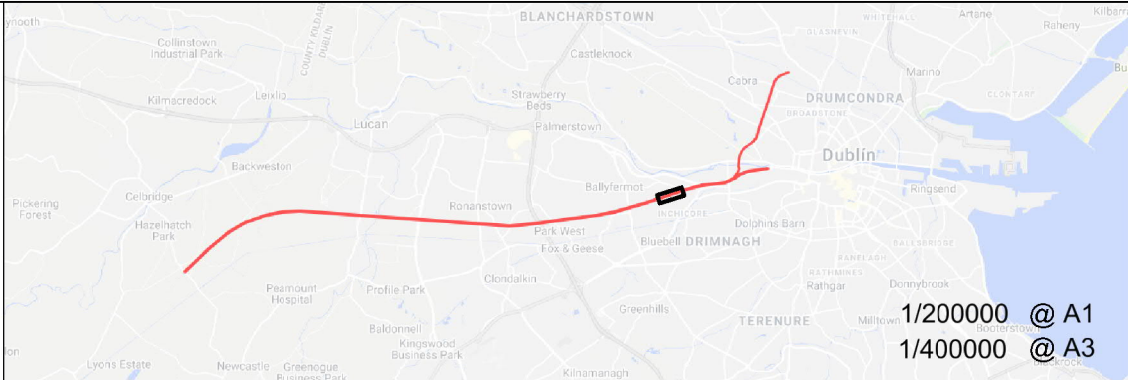
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All elevations are in metres and relate to OSi Geoid Model (OSGM02) Mean Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).



Rev	Date	Dm	Chkd	App'd	Description
v01	24/04/2021	JYM	FJC	AG	FOR PUBLIC CONSULTATION No1

Client
Iarnród Éireann
Irish Rail

Engineering Designer
ATKINS
Supported by: rps

Drawn
JYM

Checked
FJC

Approved
AG

Date
1:1000 @ A1
1:2000 @ A3

Project Code
ATK

QMS Code

Project Title DART + SOUTH WEST	
Drawing Title INCHICORE WORKS AND KHYBER PASS FOOTBRIDGE (OBC5) TRACK PLAN LAYOUT OPTION 4	
Drawing File Name DP-04-23-DWG-PW-TTA-55771	Status S3

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