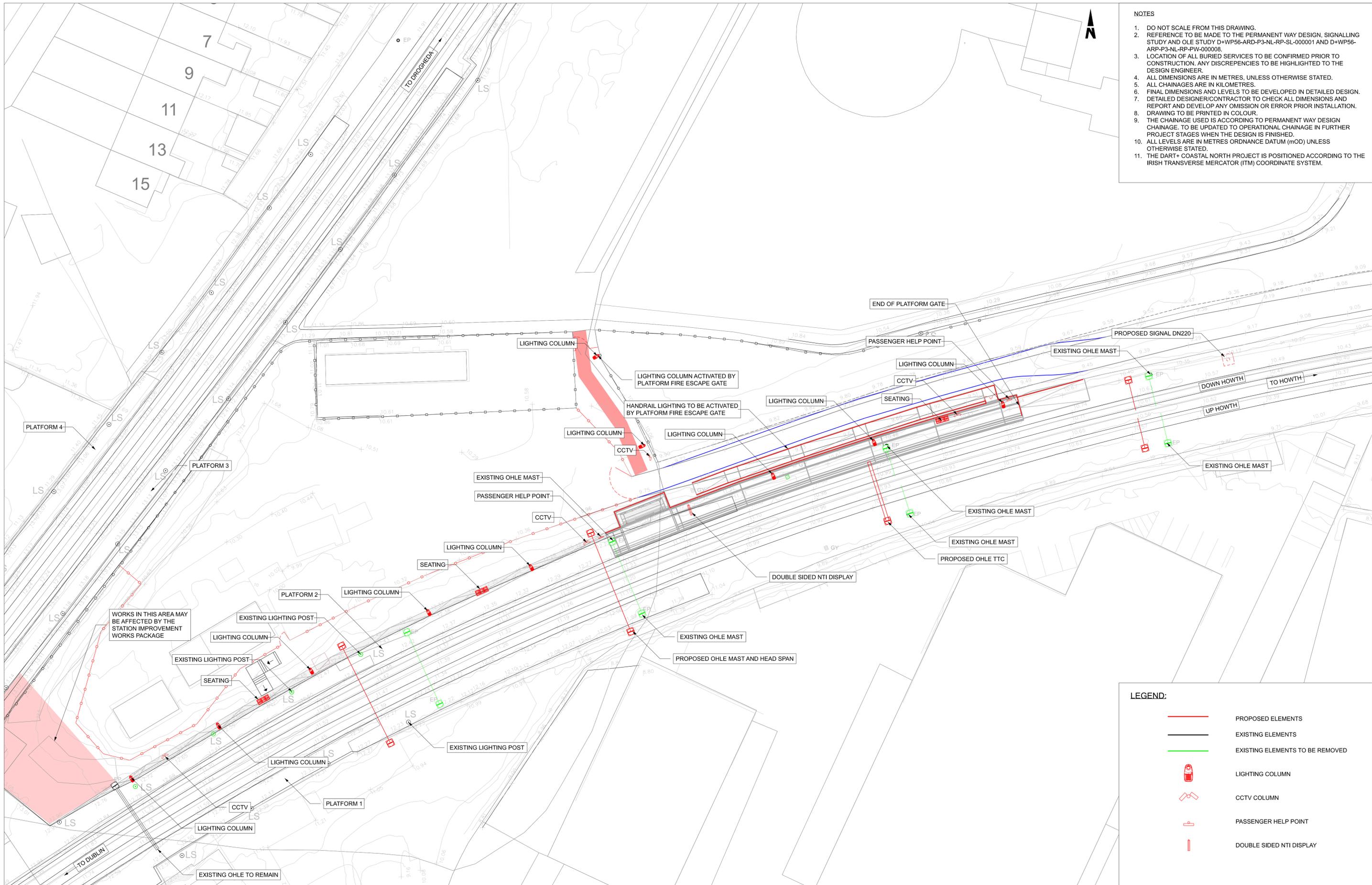






- NOTES**
- DO NOT SCALE FROM THIS DRAWING.
  - REFERENCE TO BE MADE TO THE PERMANENT WAY DESIGN, SIGNALLING STUDY AND OLE STUDY D+WP56-ARD-P3-NL-RP-SL-000001 AND D+WP56-ARP-P3-NL-RP-PW-000008.
  - LOCATION OF ALL BURIED SERVICES TO BE CONFIRMED PRIOR TO CONSTRUCTION. ANY DISCREPANCIES TO BE HIGHLIGHTED TO THE DESIGN ENGINEER.
  - ALL DIMENSIONS ARE IN METRES, UNLESS OTHERWISE STATED.
  - ALL CHAINAGES ARE IN KILOMETRES.
  - FINAL DIMENSIONS AND LEVELS TO BE DEVELOPED IN DETAILED DESIGN.
  - DETAILED DESIGNER/CONTRACTOR TO CHECK ALL DIMENSIONS AND REPORT AND DEVELOP ANY OMISSION OR ERROR PRIOR INSTALLATION.
  - DRAWING TO BE PRINTED IN COLOUR.
  - THE CHAINAGE USED IS ACCORDING TO PERMANENT WAY DESIGN CHAINAGE. TO BE UPDATED TO OPERATIONAL CHAINAGE IN FURTHER PROJECT STAGES WHEN THE DESIGN IS FINISHED.
  - ALL LEVELS ARE IN METRES ORDNANCE DATUM (mOD) UNLESS OTHERWISE STATED.
  - THE DART+ COASTAL NORTH PROJECT IS POSITIONED ACCORDING TO THE IRISH TRANSVERSE MERCATOR (ITM) COORDINATE SYSTEM.



**LEGEND:**

- PROPOSED ELEMENTS (Red line)
- EXISTING ELEMENTS (Black line)
- EXISTING ELEMENTS TO BE REMOVED (Green line)
- LIGHTING COLUMN (Red icon)
- CCTV COLUMN (Red icon)
- PASSENGER HELP POINT (Red icon)
- DOUBLE SIDED NTI DISPLAY (Red icon)

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Rev	Date	Dm	Chk'd	App'd	Description
P01	24/02/2023	SF	EJ	CC	FOR REVIEW AND COMMENT
P02	14/04/2023	SF	EJ	DB	UPDATED FOLLOWING COMMENTS

Client: **Iarnród Éireann Irish Rail**

Engineering Designer: **ARUP**

Date: 14/04/2023 Scale: 1:250 @ A1, 1:500 @ A3

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

Drawn: SF Checked: EJ Approved: DB

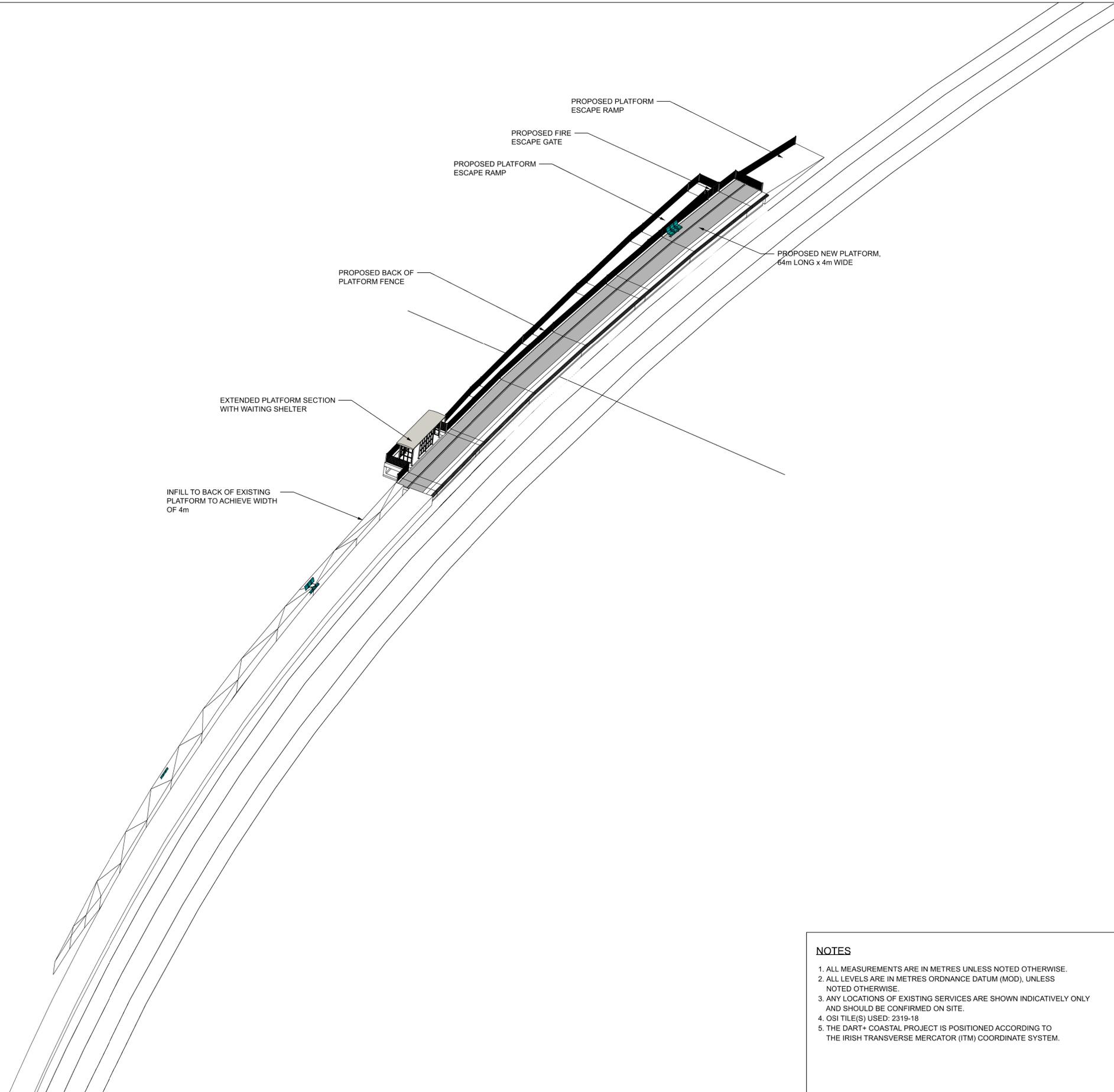
Project Title: **DART+ COASTAL NORTH**

Drawing Title: **HOWTH JUNCTION PLATFORM FURNITURE**

Drawing File Name: D+WP56-ARP-P3-NL-DR-CX-003013

Sheet Number: 01 of 01 Status: S3 Rev: P02

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



**NOTES**

1. ALL MEASUREMENTS ARE IN METRES UNLESS NOTED OTHERWISE.
2. ALL LEVELS ARE IN METRES ORDNANCE DATUM (MOD), UNLESS NOTED OTHERWISE.
3. ANY LOCATIONS OF EXISTING SERVICES ARE SHOWN INDICATIVELY ONLY AND SHOULD BE CONFIRMED ON SITE.
4. OSI TILE(S) USED: 2319-18
5. THE DART+ COASTAL PROJECT IS POSITIONED ACCORDING TO THE IRISH TRANSVERSE MERCATOR (ITM) COORDINATE SYSTEM.

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Rev	Date	Drm	Chk'd	App'd	Description
P01	24/02/2023	SF	EJ	CC	FOR REVIEW AND COMMENT
P02	14/04/2023	SF	EJ	DB	UPDATED FOLLOWING COMMENTS

Client: **Iarnród Éireann Irish Rail**

Engineering Designer: **ARUP**

Date: 24/02/2023 Scale: 1:250 @ A1, 1:500 @ A3

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

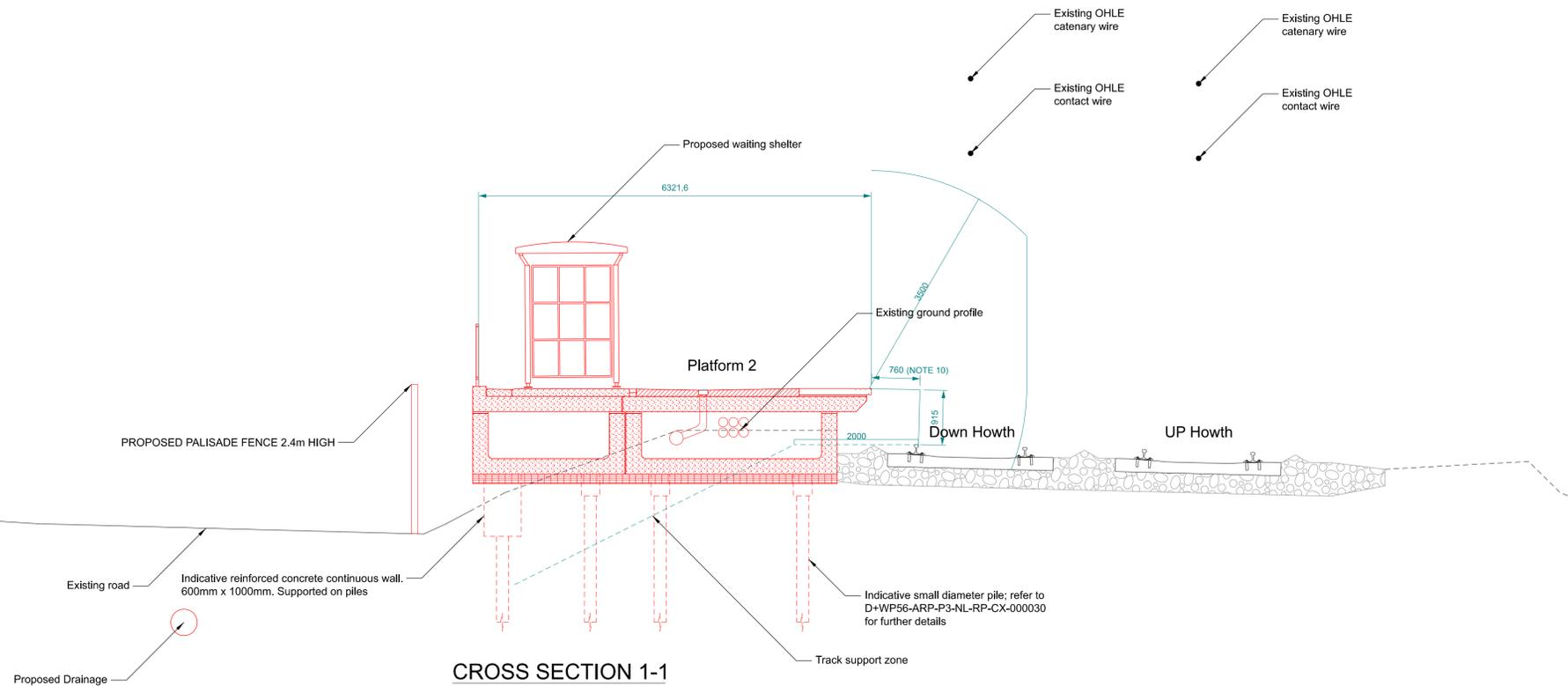
Drawn: SF, Checked: EJ, Approved: CC

Project Title: <b>DART+ COASTAL NORTH</b>			
Drawing Title: <b>HOWTH JUNCTION &amp; DONAGHMEDE PLATFORM WORKS ISOMETRIC VIEW</b>			
Drawing File Name: <b>D+WP56-ARP-P3-NL-DR-CX-003016</b>	Sheet Number: <b>01 of 01</b>	Status: <b>S3</b>	Rev: <b>P02</b>

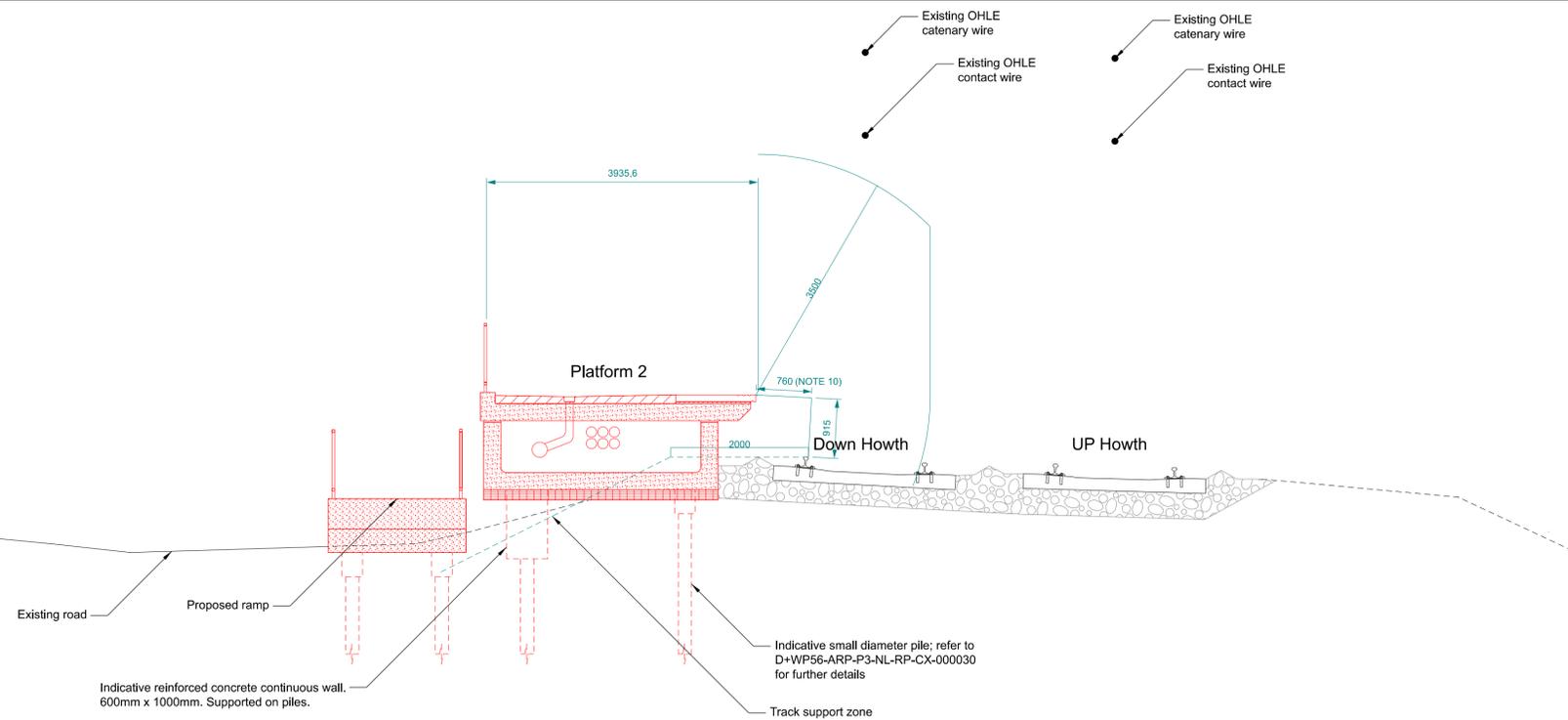
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**NOTES**

1. ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. ALL LEVELS ARE IN METRES ORDNANCE DATUM (MOD), UNLESS NOTED OTHERWISE.
3. ANY LOCATIONS OF EXISTING SERVICES/UTILITIES ARE SHOWN INDICATIVELY ONLY AND SHOULD BE CONFIRMED ON SITE.
4. OSI TILE(S) USED: 3133-14
5. THE DART+ COASTAL PROJECT IS POSITIONED ACCORDING TO THE IRISH TRANSVERSE MERCATOR (ITM) COORDINATE SYSTEM.
6. NUMBER, LAYOUT, DIAMETER AND LENGTH OF THESE PILES WILL BE ASSESSED AT A LATER DESIGN STAGE WHEN THE FINAL FACTUAL GROUND INVESTIGATION REPORT IS AVAILABLE.
7. PROPOSED FOUNDATION SOLUTION TO BE REVIEWED, AND UPDATED AS REQUIRED, FOLLOWING RECEIPT OF THE FINAL FACTUAL GROUND INVESTIGATION REPORT.
8. REFER TO D+WP56-ARP-P3-NL-RP-CX-000030 FOR FURTHER DETAILS ON GROUND CONDITIONS AND FOUNDATION SOLUTION.
9. LOCATIONS OF OHLE CONTACT WIRE AND CATENARY ARE SHOWN INDICATIVELY
10. DIMENSIONS MAY VARY TO ACCOUNT FOR TRACK CURVATURE AND CANT



**CROSS SECTION 1-1**



**CROSS SECTION 2-2**

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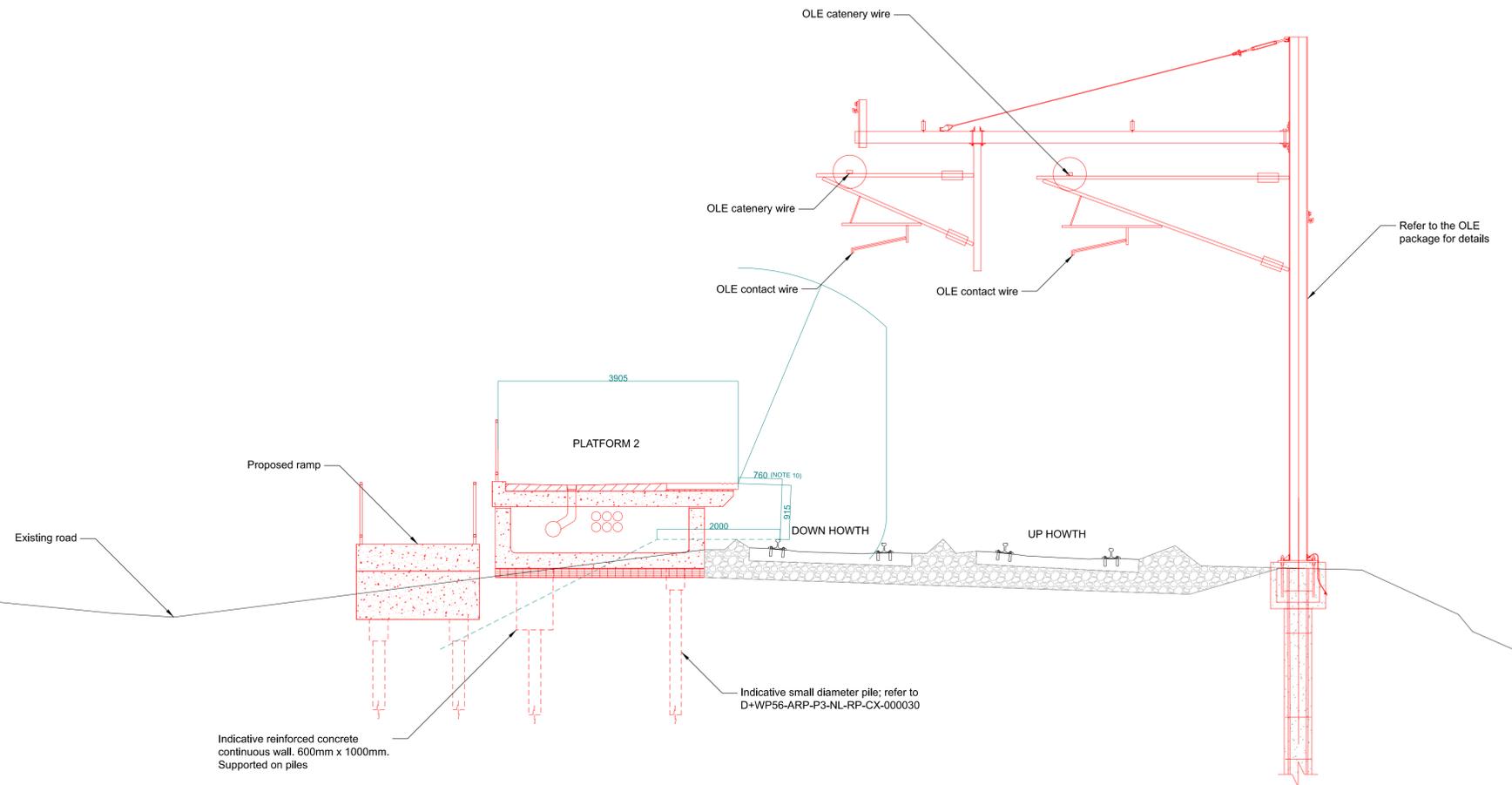
Rev	Date	Dm	Chk'd	App'd	Description
P01	24/02/2023	SF	EJ	CC	FOR REVIEW AND COMMENT
P02	12/04/2023	SF	EJ	DB	UPDATED FOLLOWING COMMENTS

Client <b>Iarnród Éireann Irish Rail</b>		Engineering Designer <b>ARUP</b>			Project Title <b>DART+ COASTAL NORTH</b>		
Date 14/04/2023		Scale 1:50 @ A1 1:100 @ A3	Drawn SF	Checked EJ	Approved DB		Drawing Title <b>PLATFORMS: HOWTH JUNCTION - CROSS SECTIONS</b>
Project Code D+WP56	Originator Code ARP	QMS Code 280275-00	Drawing File Name D+WP56-ARP-P3-NL-DR-CX-003201		Sheet Number 01 of 02	Status S3	Rev P02

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4. OSI TILE(S) USED: 3133-14
5. THE DART+ COASTAL PROJECT IS POSITIONED ACCORDING TO THE IRISH TRANSVERSE MERCATOR (ITM) COORDINATE SYSTEM.
6. NUMBER, LAYOUT, DIAMETER AND LENGTH OF THESE PILES WILL BE ASSESSED AT A LATER DESIGN STAGE WHEN THE FINAL FACTUAL GROUND INVESTIGATION REPORT IS AVAILABLE.
7. PROPOSED FOUNDATION SOLUTION TO BE REVIEWED, AND UPDATED AS REQUIRED, FOLLOWING RECEIPT OF THE FINAL FACTUAL GROUND INVESTIGATION REPORT.
8. REFER TO D+WP56-ARP-P3-NL-RP-CX-000030 FOR FURTHER DETAILS ON GROUND CONDITIONS AND FOUNDATION SOLUTION.
9. LOCATIONS OF OHLE CONTACT WIRE AND CATENARY ARE SHOWN INDICATIVELY
10. DIMENSIONS MAY VARY TO ACCOUNT FOR TRACK CURVATURE AND CANT



**CROSS SECTION 3-3**

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Rev	Date	Dwn	Chk'd	App'd	Description
P01	14/04/2023	SF	EJ	DB	UPDATED FOLLOWING COMMENTS

Client <b>Iarnród Éireann Irish Rail</b>		Engineering Designer <b>ARUP</b>		
Date 14/04/2023	Scale 1:50 @ A1 1:100 @ A3	Drawn SF	Checked EJ	Approved DB
Project Code D+WP56	Originator Code ARP	QMS Code 280275-00		

Project Title <b>DART+ COASTAL NORTH</b>			
Drawing Title PLATFORMS: HOWTH JUNCTION - CROSS SECTIONS			
Drawing File Name D+WP56-ARP-P3-NL-DR-CX-003202	Sheet Number 02 of 02	Status S3	Rev P01

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