



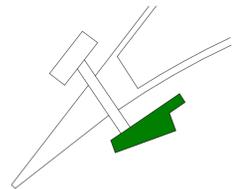
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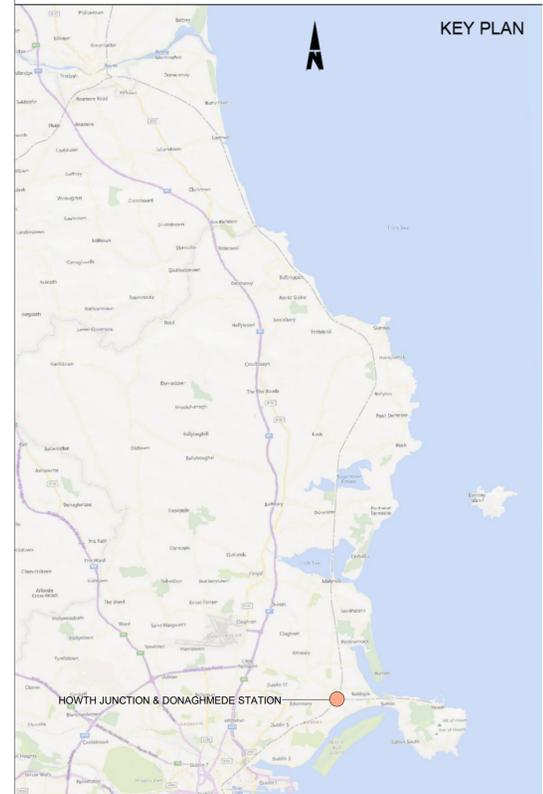
LEGEND

- DEVELOPMENT BOUNDARY
- EXISTING - ELEMENTS TO BE REMOVED
- EXISTING - ELEMENTS TO BE RETAINED
- PROPOSED ELEMENTS

STATION KEY PLAN



KEY PLAN



FOR FOOTBRIDGE REFER TO DRAWING RO-000252

ROOF OVER FOOTBRIDGE

ROOF OVER LANDING

ROOF OVER STATION STAIRS

EXISTING FOOTPATH

EXISTING FOOTPATH

EXISTING FOOTPATH

HOWTH JUNCTION BUSINESS PARK

KILBARRACK WAY



1 Roof Level - Existing with Demolition
1 : 100

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Rev	Date	Drn	Chk'd	App'd	Description
P01	08/12/2023	AH	JW	DB	PLANNING ISSUE

Client Irish Rail		Engineering Designer ARUP		
Date 01/06/2023	Scale 1 : 100 @ A1 1 : 200 @ A3	Drawn AH	Checked JW	Approved DB
Project Code D+WP56	Originator Code ARP	QMS Code 28505150		

Project Title DART+COASTAL NORTH			
Drawing Title HOWTH JUNCTION & DONAGHMEADE STATION KILBARRACK ENTRANCE ROOF LEVEL PLAN EXISTING			
Drawing File Name D+WP56-ARP-P4-NL-DR-RO-000242	Sheet Number 1 of 1	Status S3	Rev P01

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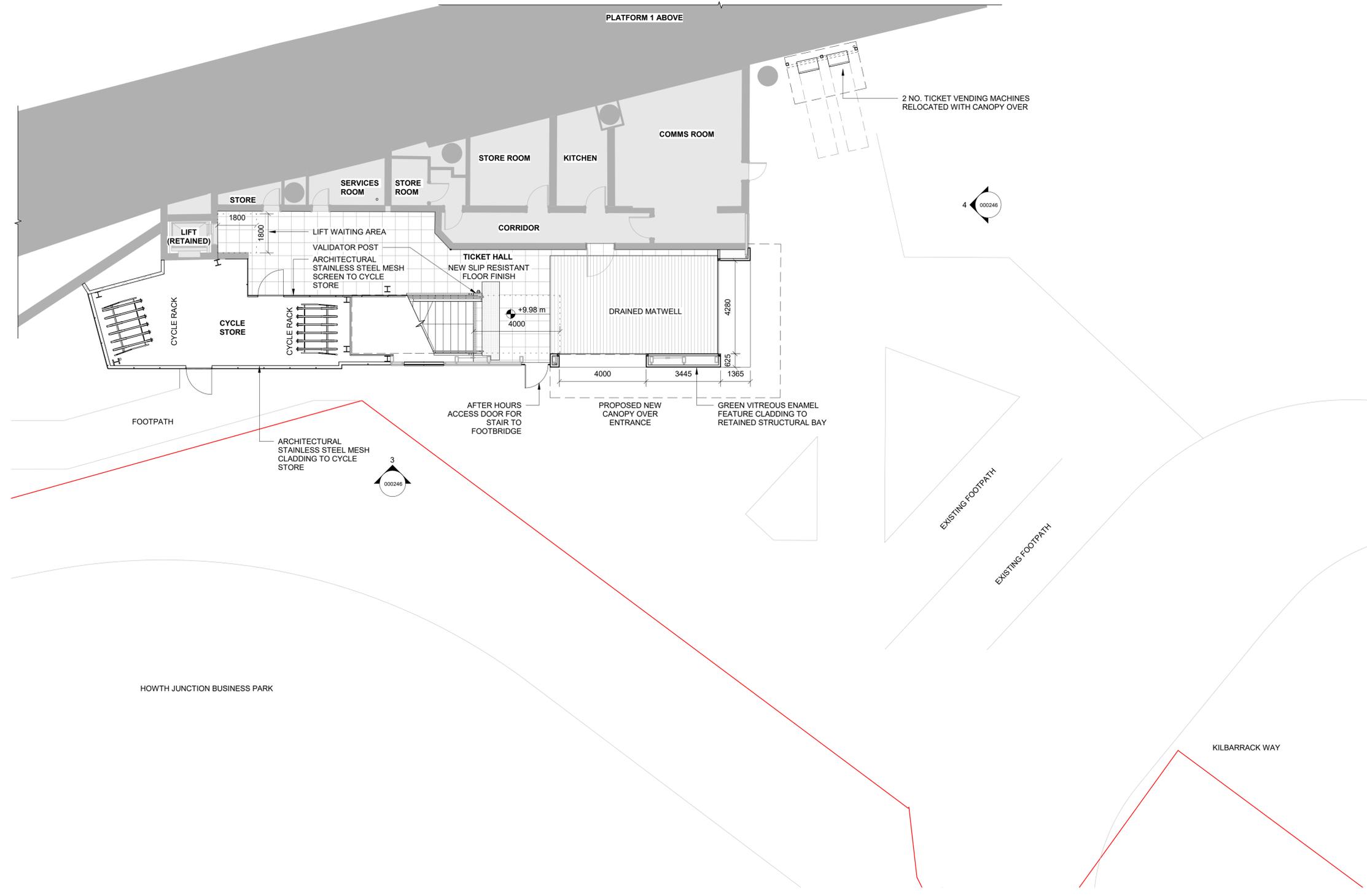
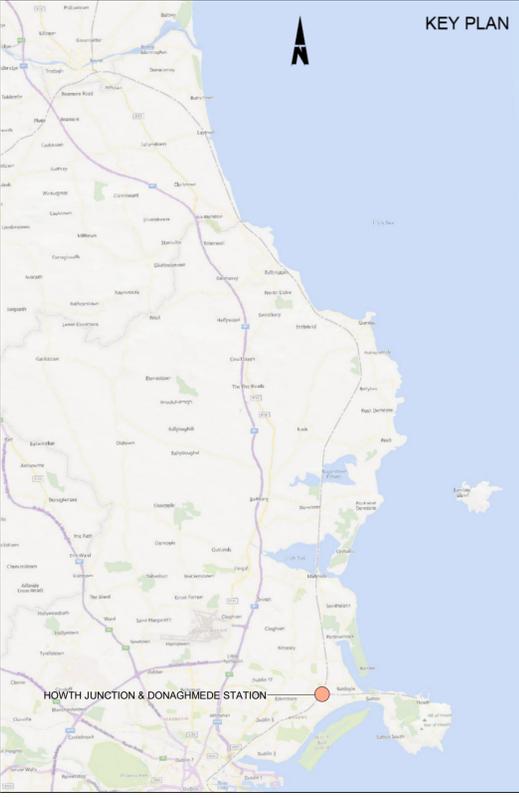
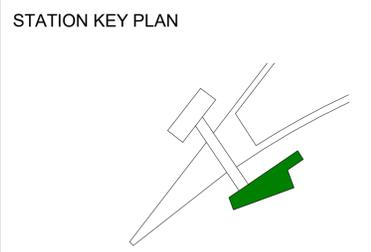


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LEGEND

- DEVELOPMENT BOUNDARY
- - - - EXISTING - ELEMENTS TO BE REMOVED
- █ EXISTING - ELEMENTS TO BE RETAINED
- PROPOSED ELEMENTS



1 Ticket Hall Level - Proposed
1 : 100

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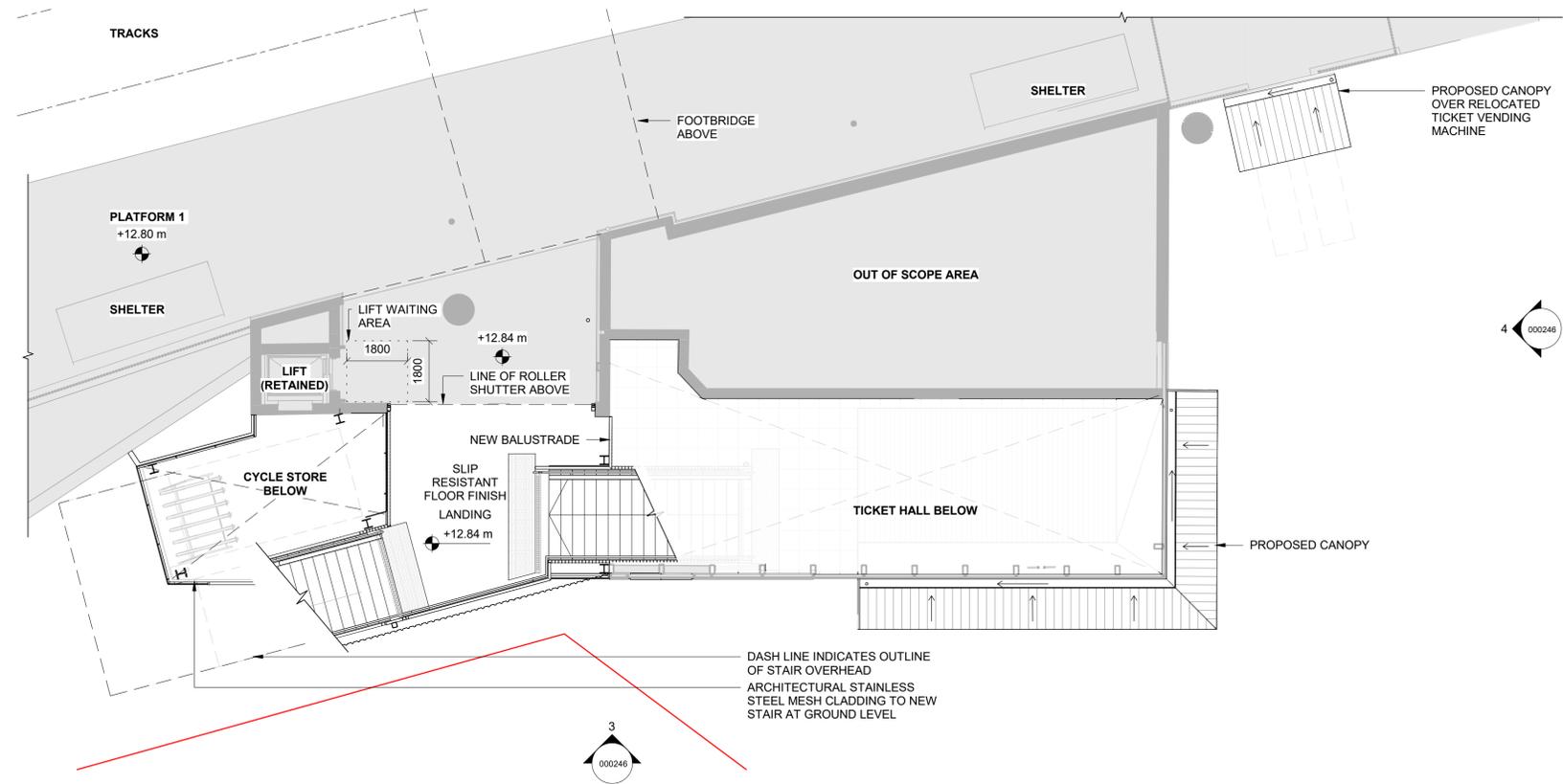


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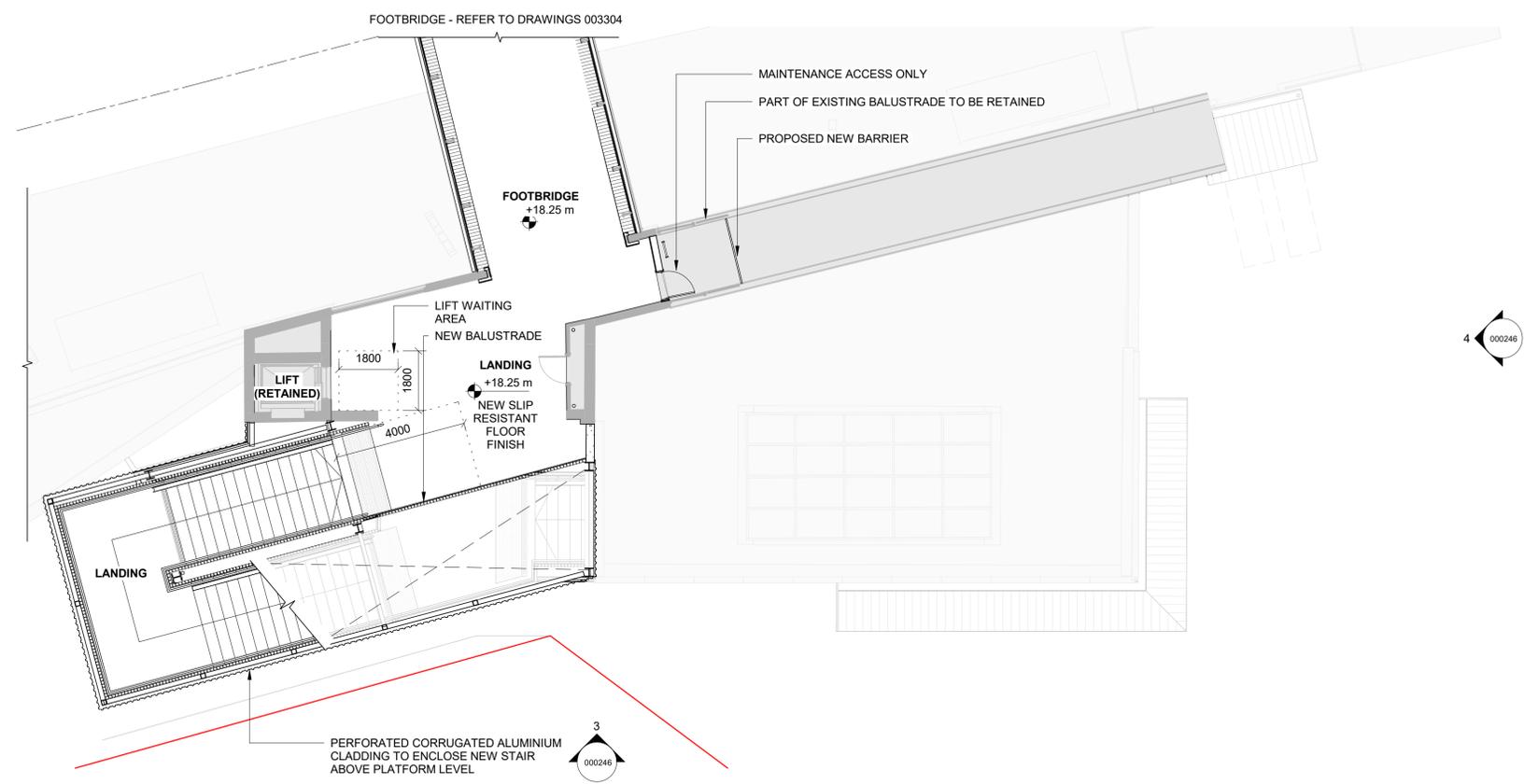
Client Iarnród Éireann Irish Rail		Engineering Designer ARUP		
Date 01/06/2023	Scale 1 : 100 @ A1 1 : 200 @ A3	Drawn AH	Checked JW	Approved DB
Project Code D+WP56	Originator Code ARP	QMS Code 28505150		

Project Title DART+COASTAL NORTH				
Drawing Title HOWTH JUNCTION & DONAGHMEADE STATION KILBARRACK ENTRANCE TICKET HALL LEVEL PLAN PROPOSED				
Drawing File Name D+WP56-ARP-P4-NL-DR-RO-000243	Sheet Number 1 of 1	Status S3	Rev P01	

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1 Platform Level - Proposed
1 : 100



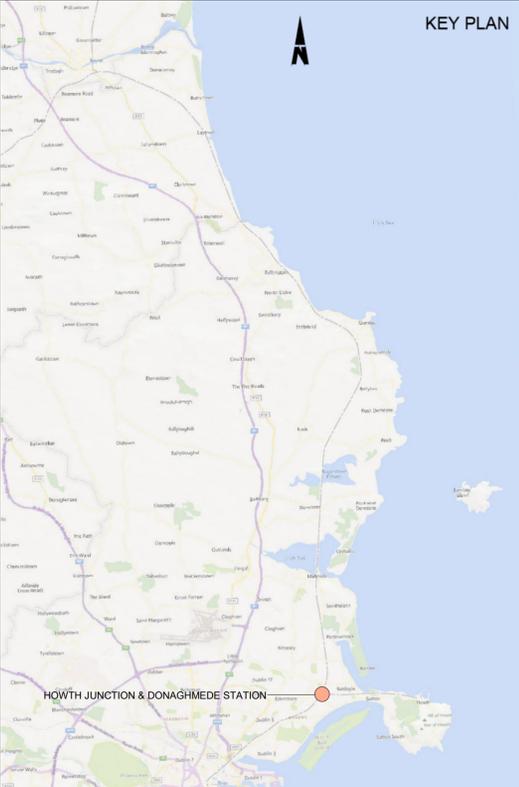
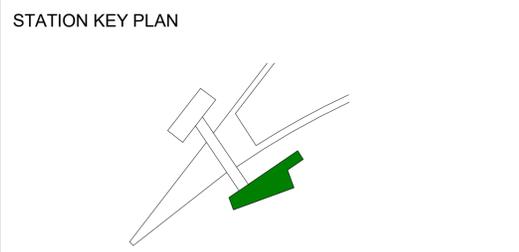
2 Footbridge Level - Proposed
1 : 100

NOTES

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LEGEND

- DEVELOPMENT BOUNDARY
- EXISTING - ELEMENTS TO BE REMOVED
- EXISTING - ELEMENTS TO BE RETAINED
- PROPOSED ELEMENTS



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Project Code D+WP56	Originator Code ARP	QMS Code 28505150		

Project Title DART+COASTAL NORTH				
Drawing Title HOWTH JUNCTION & DONAGHMEADE STATION KILBARRACK ENTRANCE PLATFORM LEVEL & FOOTBRIDGE LEVEL PLAN PROPOSED				
Drawing File Name D+WP56-ARP-P4-NL-DR-RO-000244	Sheet Number 1 of 1	Status S3	Rev P01	

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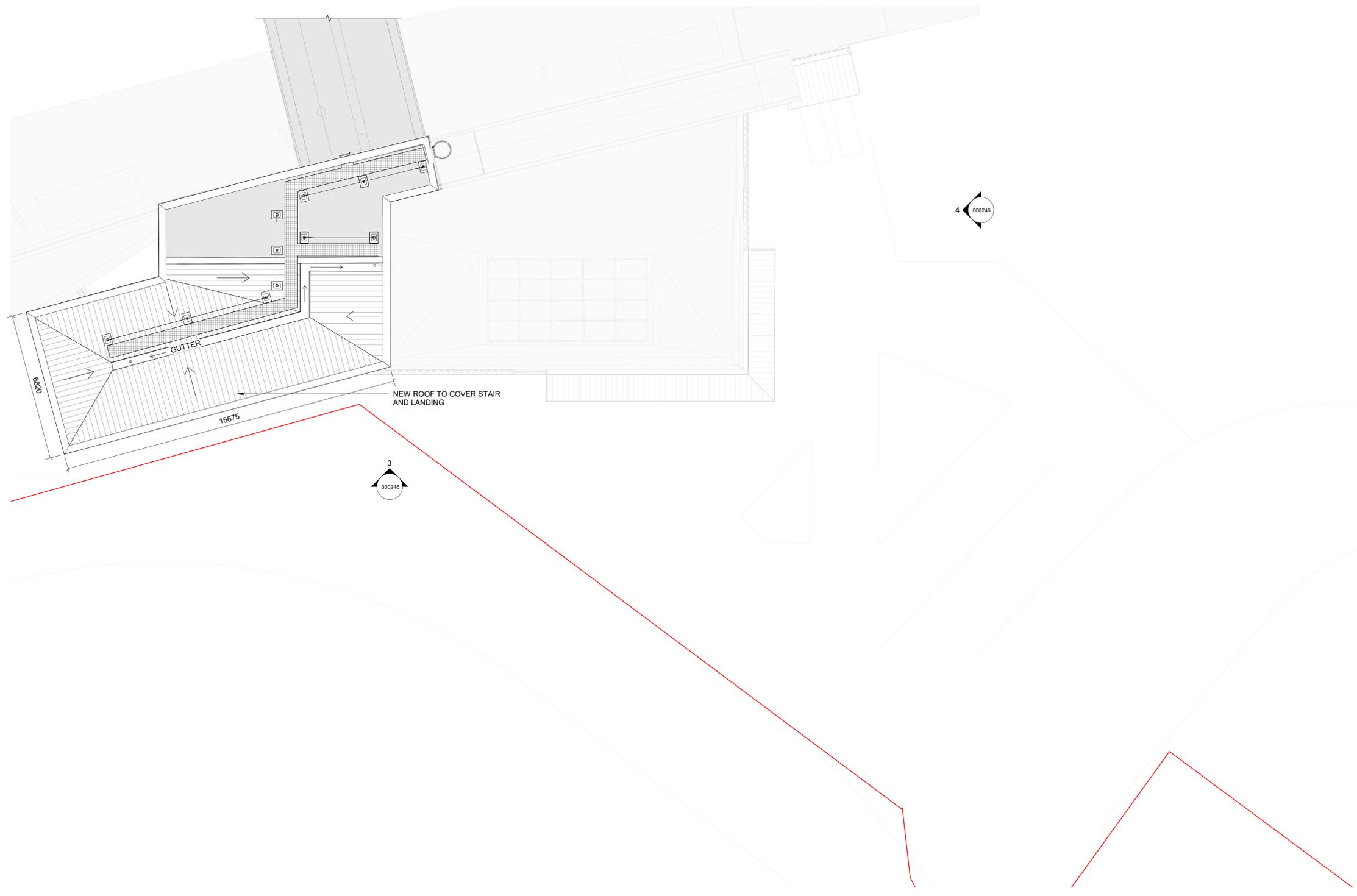
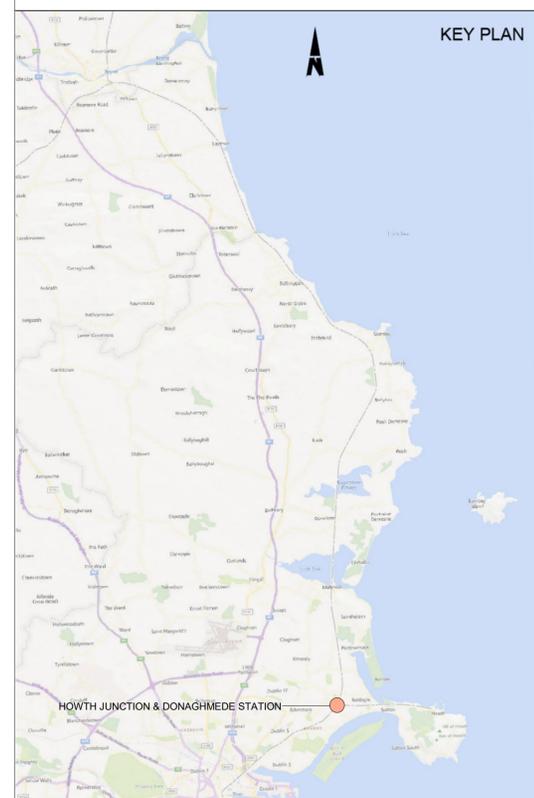
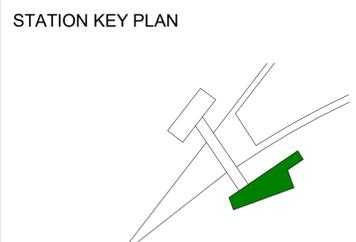


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LEGEND

- DEVELOPMENT BOUNDARY
- EXISTING - ELEMENTS TO BE REMOVED
- EXISTING - ELEMENTS TO BE RETAINED
- PROPOSED ELEMENTS



1 Roof Level - Proposed
1 : 100

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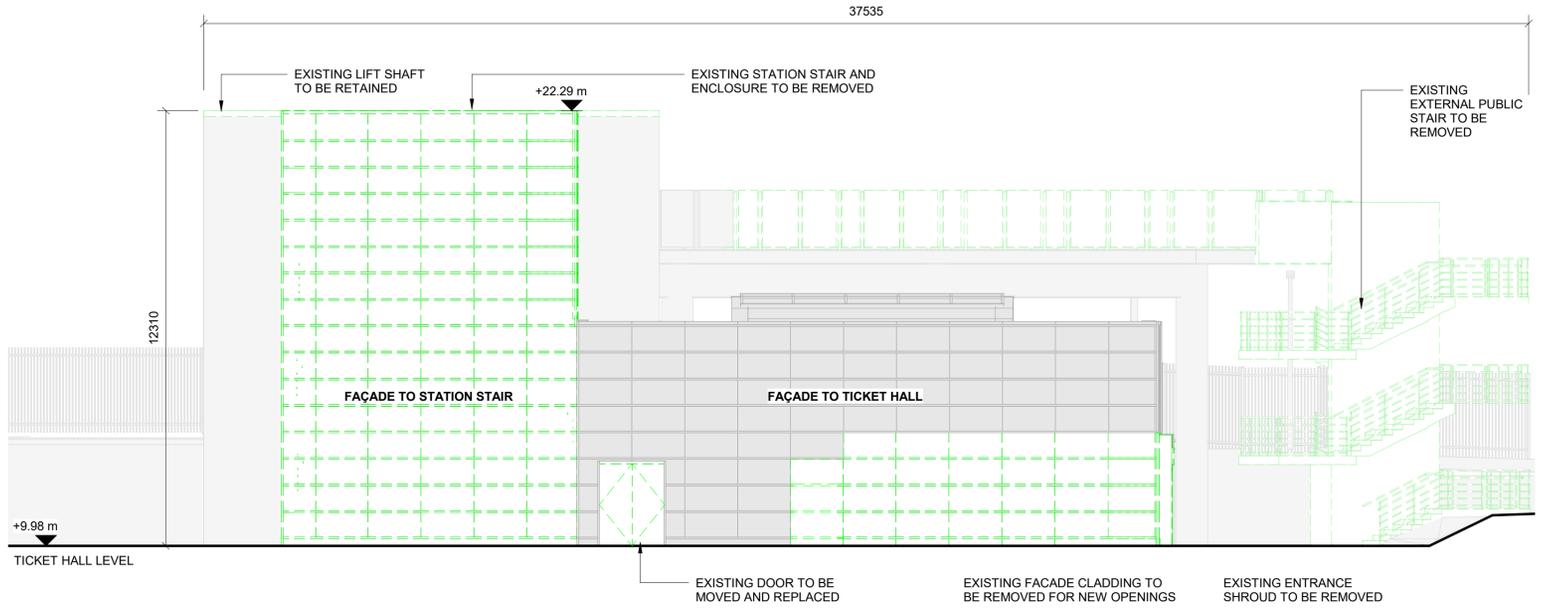


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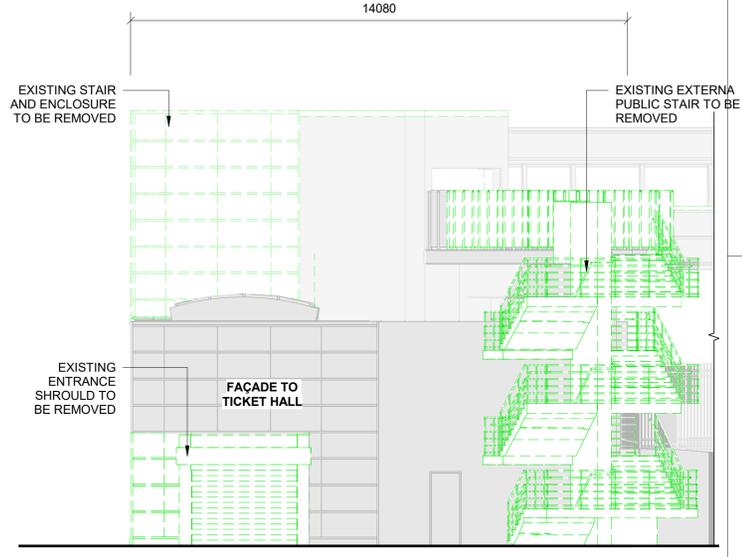
Client Iarnród Éireann Irish Rail		Engineering Designer ARUP		
Date 01/06/2023	Scale 1 : 100 @ A1 1 : 200 @ A3	Drawn AH	Checked JW	Approved DB
Project Code D+WP56	Originator Code ARP	QMS Code 28505150		

Project Title DART+COASTAL NORTH				
Drawing Title HOWTH JUNCTION & DONAGHMEADE STATION KILBARRACK ENTRANCE ROOF LEVEL PLAN PROPOSED				
Drawing File Name D+WP56-ARP-P4-NL-DR-RO-000245	Sheet Number 1 of 1	Status S3	Rev P01	

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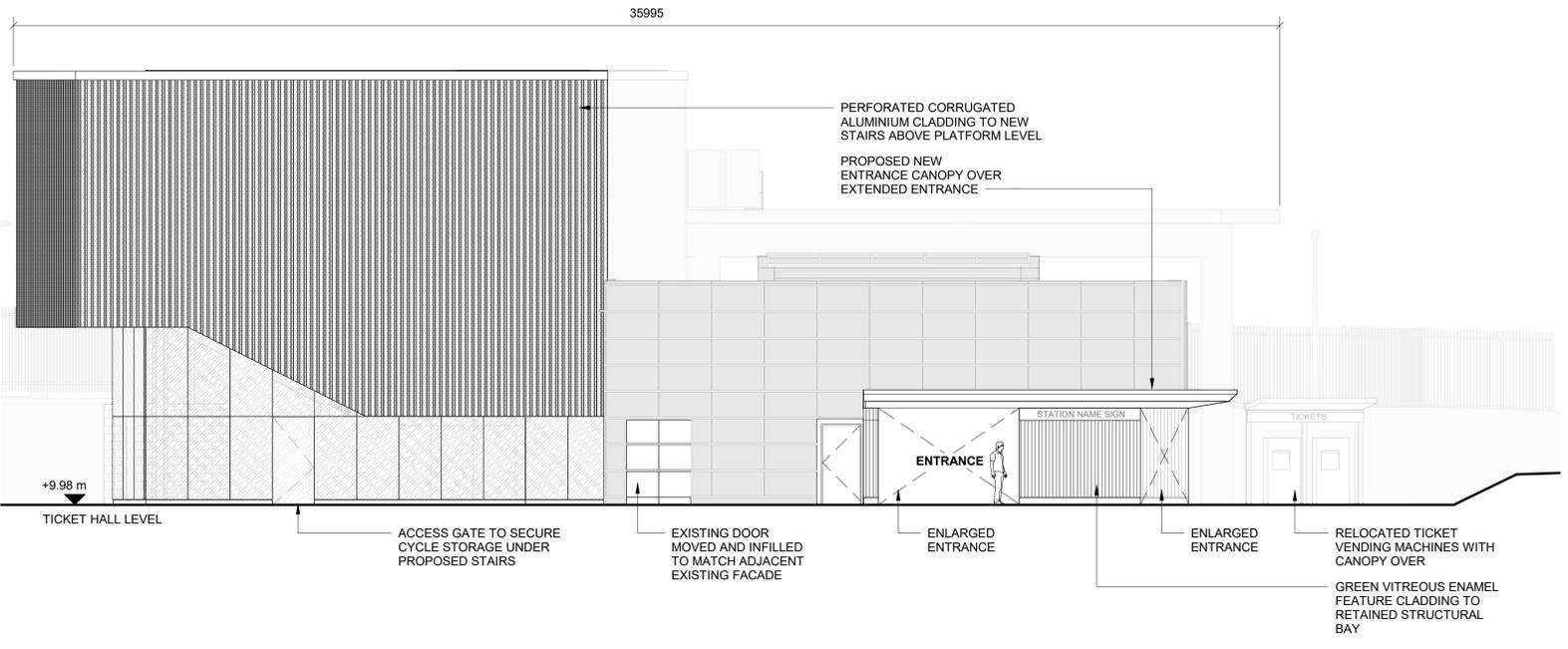
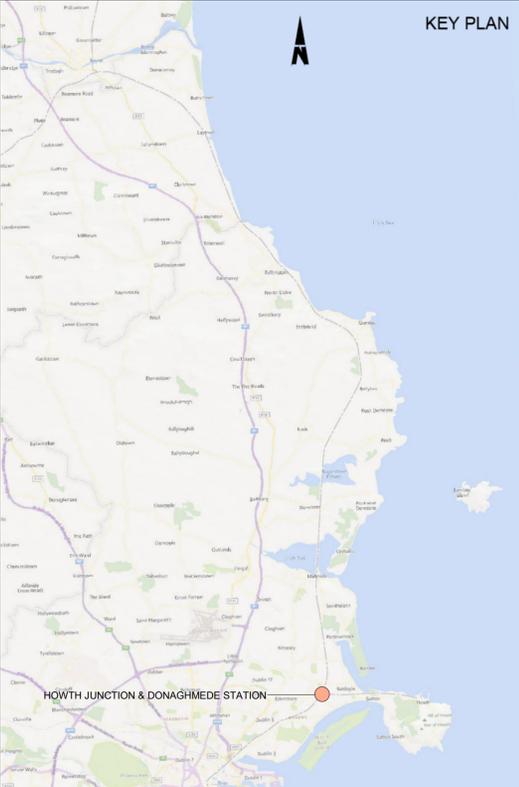
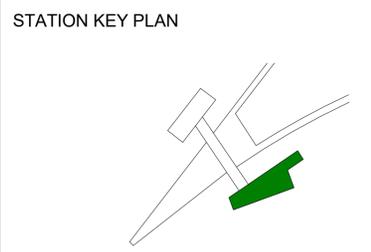
1 Front Elevation- Existing with Demolition
1: 100



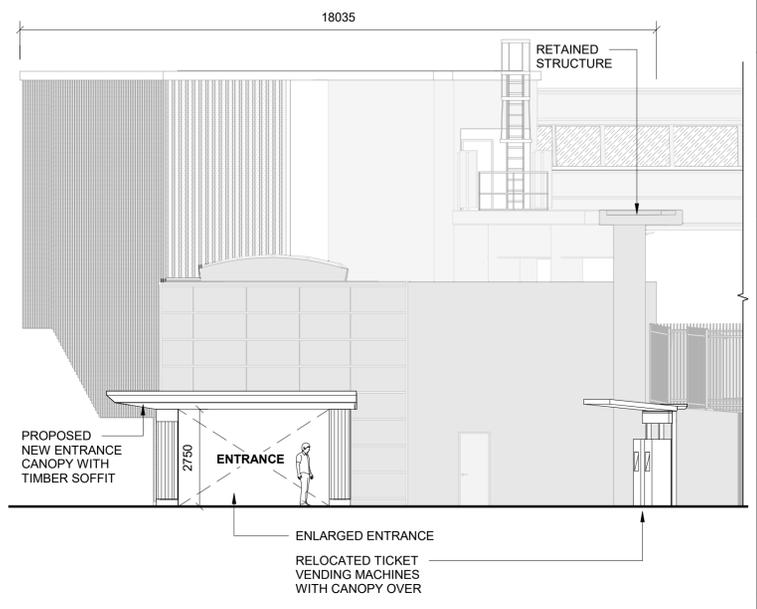
2 Side Elevation- Existing with Demolition
1: 100

NOTES
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- LEGEND
- DEVELOPMENT BOUNDARY
 - - - EXISTING - ELEMENTS TO BE REMOVED
 - EXISTING - ELEMENTS TO BE RETAINED
 - PROPOSED ELEMENTS



3 Front Elevation- Proposed
1: 100



4 Side Elevation- Proposed
1: 100

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Rev	Date	Drn	Chk'd	App'd	Description
P01	08/12/2023	AH	JW	DB	PLANNING ISSUE

Client: **Iarnród Éireann Irish Rail**

Engineering Designer: **ARUP**

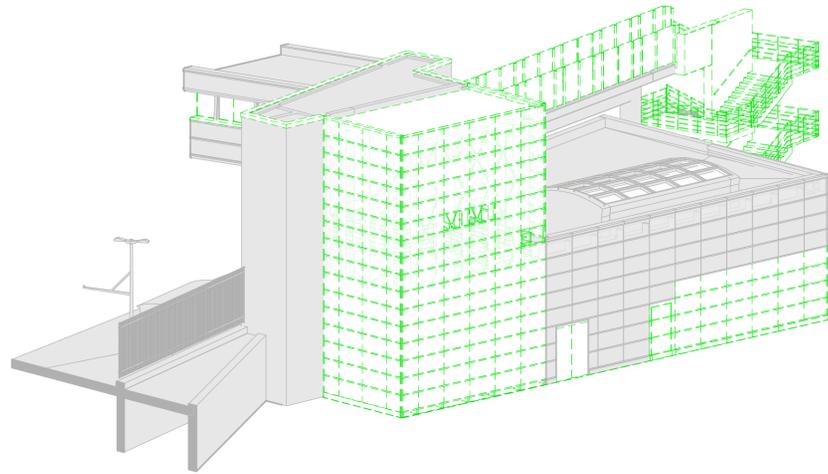
Date: 01/06/2023 | Scale: 1:100 @ A1, 1:200 @ A3 | Drawn: AH, Checked: JW, Approved: DB

Project Code: D+WP56 | Originator Code: ARP | QMS Code: 28505150

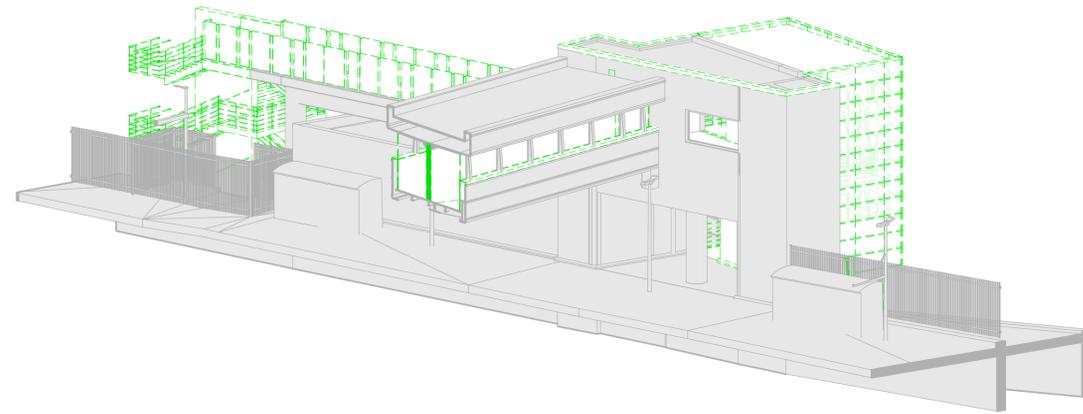
Project Title: DART+COASTAL NORTH			
Drawing Title: HOWTH JUNCTION & DONAGHMEDE STATION KILBARRACK ENTRANCE ELEVATIONS			
Drawing File Name: D+WP56-ARP-P4-NL-DR-RO-000246	Sheet Number: 1 of 1	Status: S3	Rev: P01

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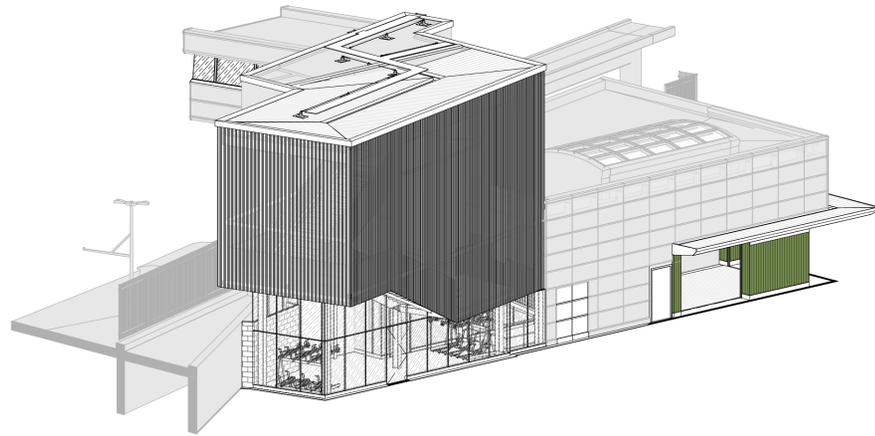
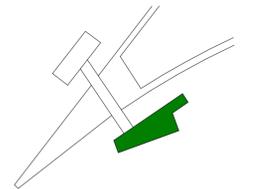
1 View from External Side - Existing with Demolition



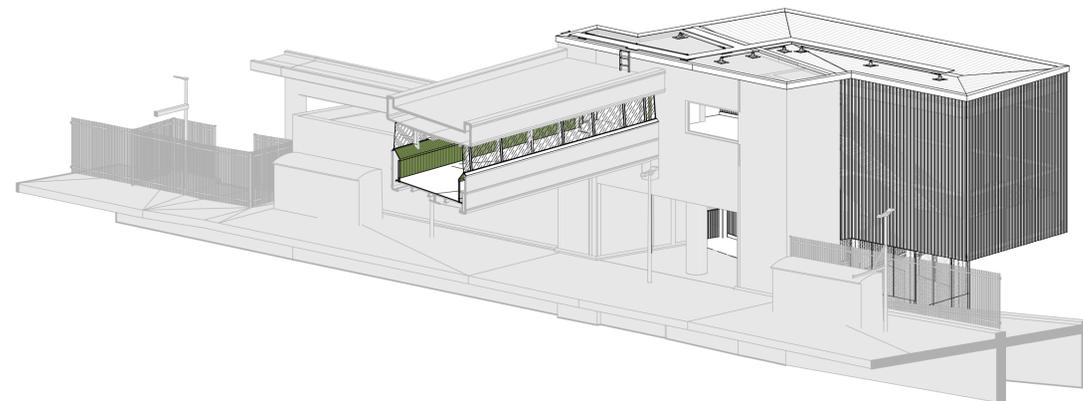
2 View from Platform Side - Existing with Demolition

- LEGEND**
- DEVELOPMENT BOUNDARY
 - - - EXISTING - ELEMENTS TO BE REMOVED
 - EXISTING - ELEMENTS TO BE RETAINED
 - PROPOSED ELEMENTS

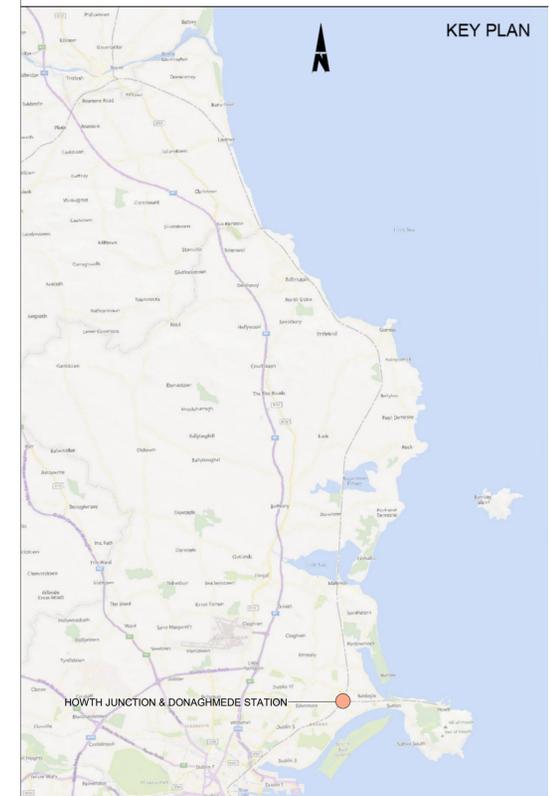
STATION KEY PLAN



3 View from External Side - Proposed



4 View from Platform Side - Proposed



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P01	08/12/2023	AH	JW	DB	PLANNING ISSUE

Client Iarnród Éireann Irish Rail		Engineering Designer ARUP		
Date 01/06/2023	Scale 1 : 200 @ A3	Drawn AH	Checked JW	Approved DB
Project Code D+WP56	Originator Code ARP	QMS Code 28505150		

Project Title DART+COASTAL NORTH			
Drawing Title HOWTH JUNCTION & DONAGHMEDE STATION KILBARRACK ENTRANCE 3D VIEWS			
Drawing File Name D+WP56-ARP-P4-NL-DR-RO-000247	Sheet Number 1 of 1	Status S3	Rev P01

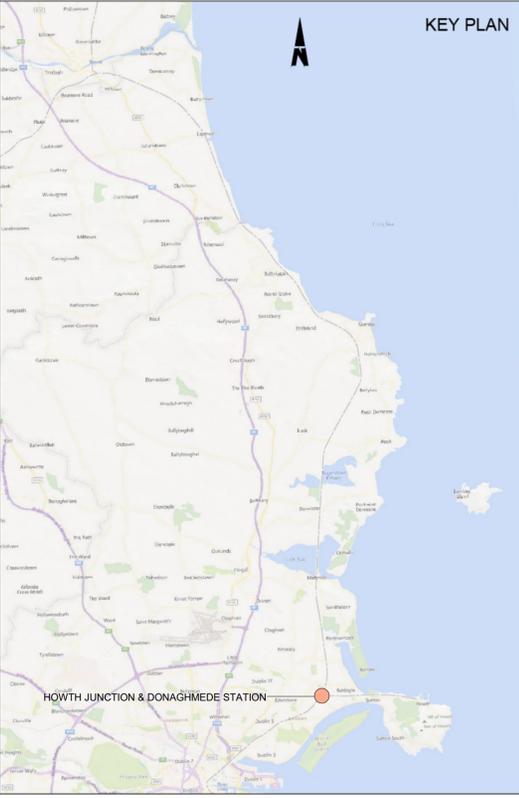
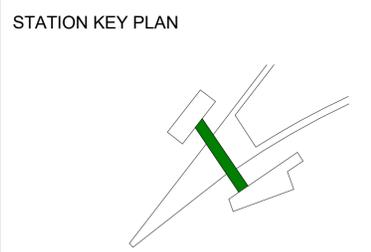


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LEGEND

- DEVELOPMENT BOUNDARY
- - - EXISTING - ELEMENTS TO BE REMOVED
- █ EXISTING - ELEMENTS TO BE RETAINED
- PROPOSED ELEMENTS



1 Platform Level - Existing with Demolition
1 : 100

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P01	13/10/2023	AH	JW	DB	PLANNING ISSUE

Client Iarnród Éireann Irish Rail		Engineering Designer ARUP		
Date 01/06/2023	Scale 1 : 100 @ A1 1 : 200 @ A3	Drawn AH	Checked JW	Approved DB
Project Code D+WP56	Originator Code ARP	QMS Code 28505150		

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Drawing Title HOWTH JUNCTION & DONAGHMEDE STATION FOOTBRIDGE & CENTRAL CONNECTION PLATFORM LEVEL PLAN EXISTING				
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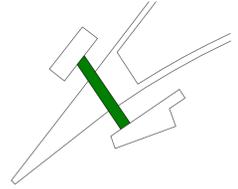
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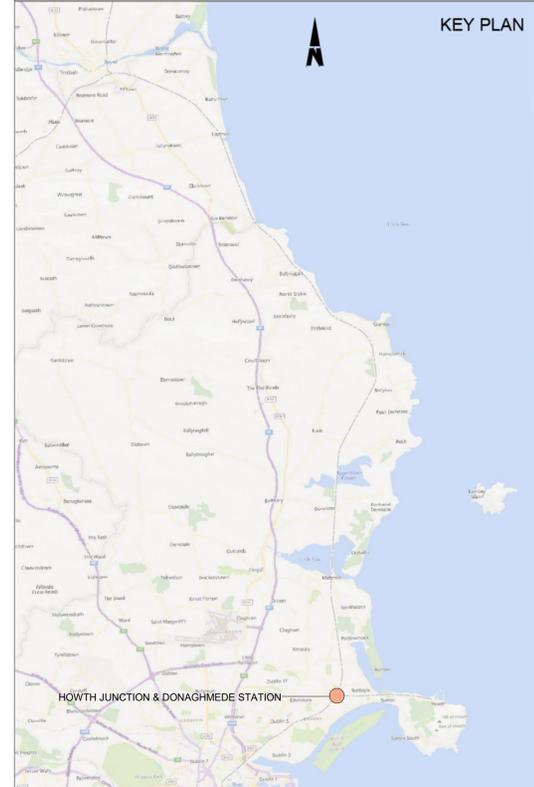
LEGEND

- DEVELOPMENT BOUNDARY
- EXISTING - ELEMENTS TO BE REMOVED
- EXISTING - ELEMENTS TO BE RETAINED
- PROPOSED ELEMENTS

STATION KEY PLAN



KEY PLAN



DONAGHMEDE STATION ENTRANCE - REFER TO DRAWINGS RO-000230 - RO-000237

EXISTING DIVIDING WALL TO BE REMOVED

EXTERNAL PUBLIC STAIR

PUBLIC ACCESS FOOTBRIDGE +18.21 m

STATION STAIR

LIFT

CANOPY

STATION ACCESS FOOTBRIDGE +18.21 m

LIFT AND STAIR LANDING TO BE REMOVED

INTERNAL WALL AND FLOOR FINISHES TO BE REMOVED AND REPLACED

EXISTING MESH SCREEN TO BE REMOVED AND REPLACED

FOOTBRIDGE STRUCTURE AND EXTERNAL FINISHES TO BE RETAINED

KILBARRACK STATION ENTRANCE - REFER TO DRAWINGS RO-000240 - RO-000247

1 Footbridge Level - Existing with Demolition 1: 100

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Client Iarnród Éireann Irish Rail		Engineering Designer ARUP		
Date 01/06/2023	Scale 1: 100 @ A1 1: 200 @ A3	Drawn AH	Checked JW	Approved DB
Project Code D+WP56	Originator Code ARP	QMS Code 28505150		

Project Title DART+COASTAL NORTH			
Drawing Title HOWTH JUNCTION & DONAGHMEDE STATION FOOTBRIDGE & CENTRAL CONNECTION FOOTBRIDGE LEVEL PLAN EXISTING			
Drawing File Name D+WP56-ARP-P4-NL-DR-RO-000251	Sheet Number 1 of 1	Status S3	Rev P01

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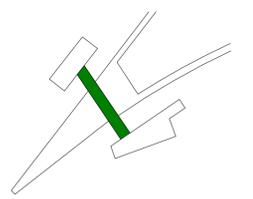
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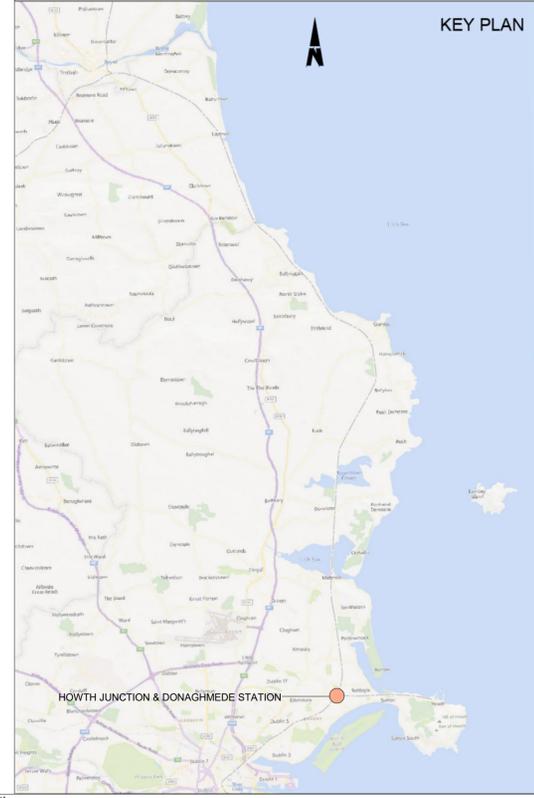
LEGEND

- DEVELOPMENT BOUNDARY
- EXISTING - ELEMENTS TO BE REMOVED
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- PROPOSED ELEMENTS

STATION KEY PLAN



KEY PLAN



DONAGHMEDE STATION ENTRANCE - REFER TO DRAWINGS RO-000230 - RO-000237

EXISTING FOOTBRIDGE ROOF AND DRAINAGE TO BE RETAINED

NO ROOF OVER EXTERNAL STAIRS TO PLATFORM

ROOF TO LIFT SHAFT

CANOPY BELOW

ROOF TO LIFT AND STAIR LANDING TO BE REMOVED

NO ROOF OVER EXTERNAL STAIRS TO EXTERNAL ACCESS

SECTION OF ROOF PARAPET TO BE REMOVED



KILBARRACK STATION ENTRANCE - REFER TO DRAWINGS RO-000240 - RO-000247

1 Roof Level - Existing with Demolition 1:100

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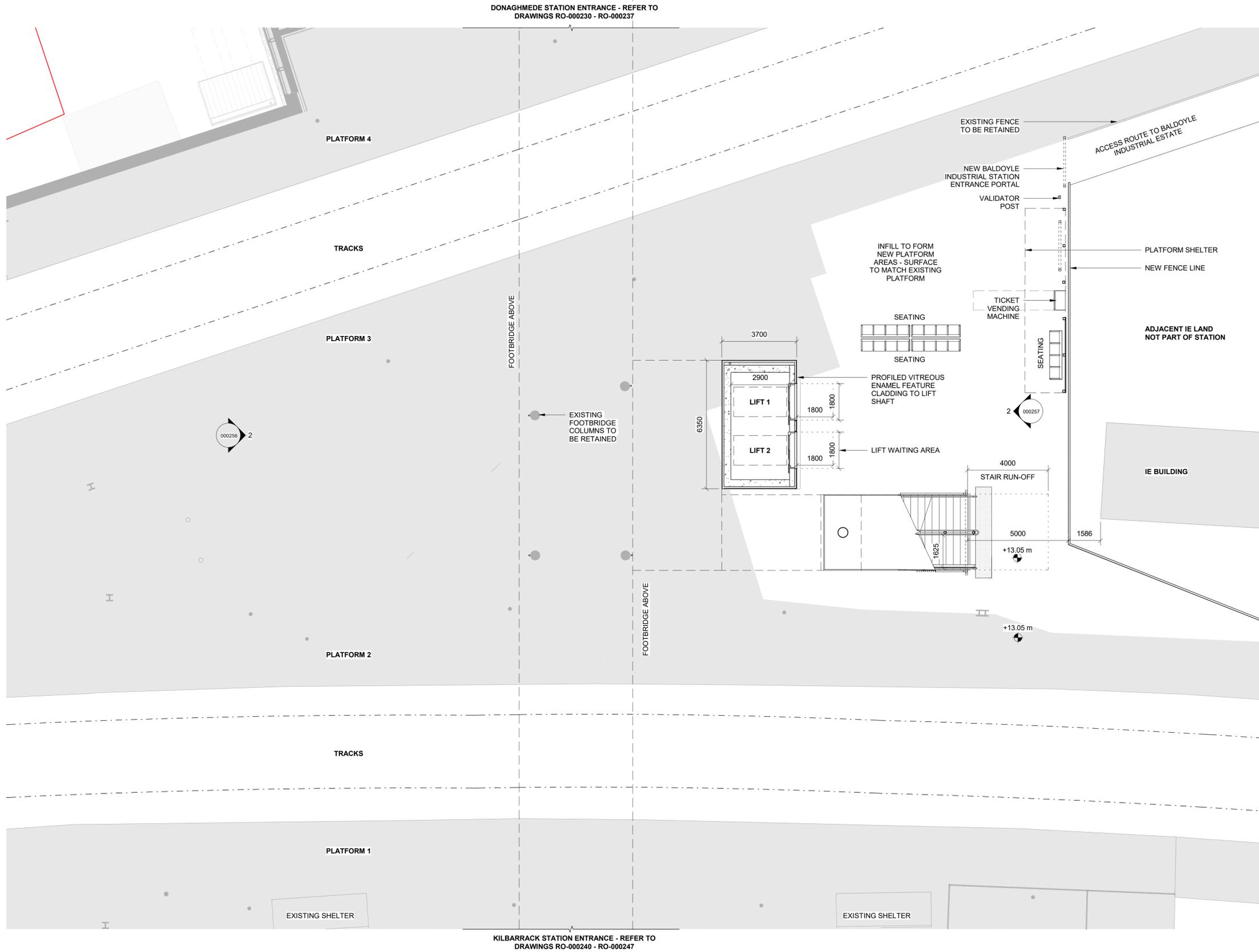


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Project Code D+WP56	Originator Code ARP	QMS Code 28505150		

Project Title DART+COASTAL NORTH			
Drawing Title HOWTH JUNCTION & DONAGHMEDE STATION FOOTBRIDGE & CENTRAL CONNECTION ROOF LEVEL PLAN EXISTING			
Drawing File Name D+WP56-ARP-P4-NL-DR-RO-000252	Sheet Number 1 of 1	Status S3	Rev P01

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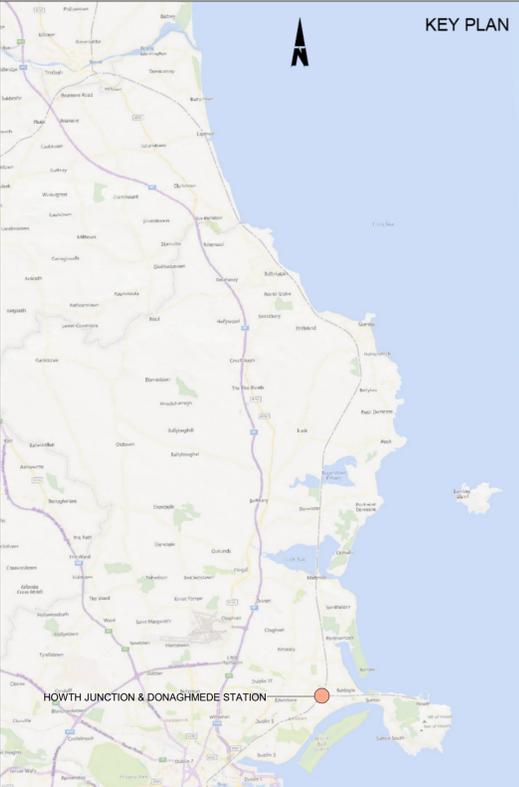
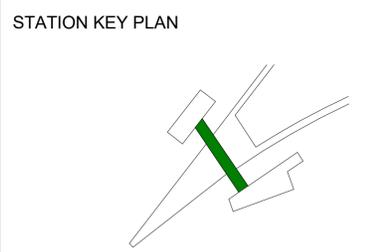


NOTES

- DO NOT SCALE FROM DRAWING.
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.

LEGEND

- DEVELOPMENT BOUNDARY
- EXISTING - ELEMENTS TO BE REMOVED
- █ EXISTING - ELEMENTS TO BE RETAINED
- PROPOSED ELEMENTS



1 Platform Level - Proposed
1 : 100

Autodesk Docs://279933-00 SMO DART Expansion Coastal Line/HJ&D-ARUP-ZZ-ZZ-M3-A-0001.rvt

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

Client Iarnród Éireann Irish Rail		Engineering Designer ARUP		
Date 01/06/2023	Scale 1 : 100 @ A1 1 : 200 @ A3	Drawn AH	Checked JW	Approved DB
Project Code D+WP56	Originator Code ARP	QMS Code 28505150		

Project Title DART+COASTAL NORTH			
Drawing Title HOWTH JUNCTION & DONAGHMEDE STATION FOOTBRIDGE & CENTRAL CONNECTION PLATFORM LEVEL PLAN PROPOSED			
Drawing File Name D+WP56-ARP-P4-NL-DR-RO-000253	Sheet Number 1 of 1	Status S3	Rev P01

DO NOT SCALE USE FIGURED DIMENSION ONLY

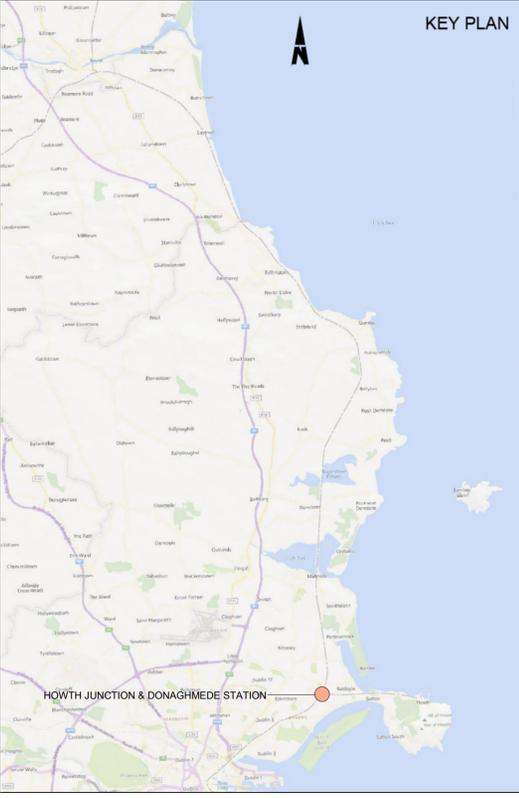
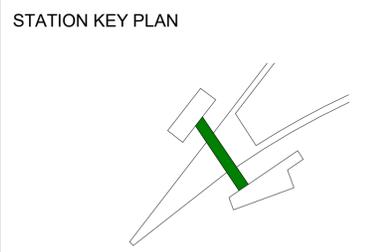


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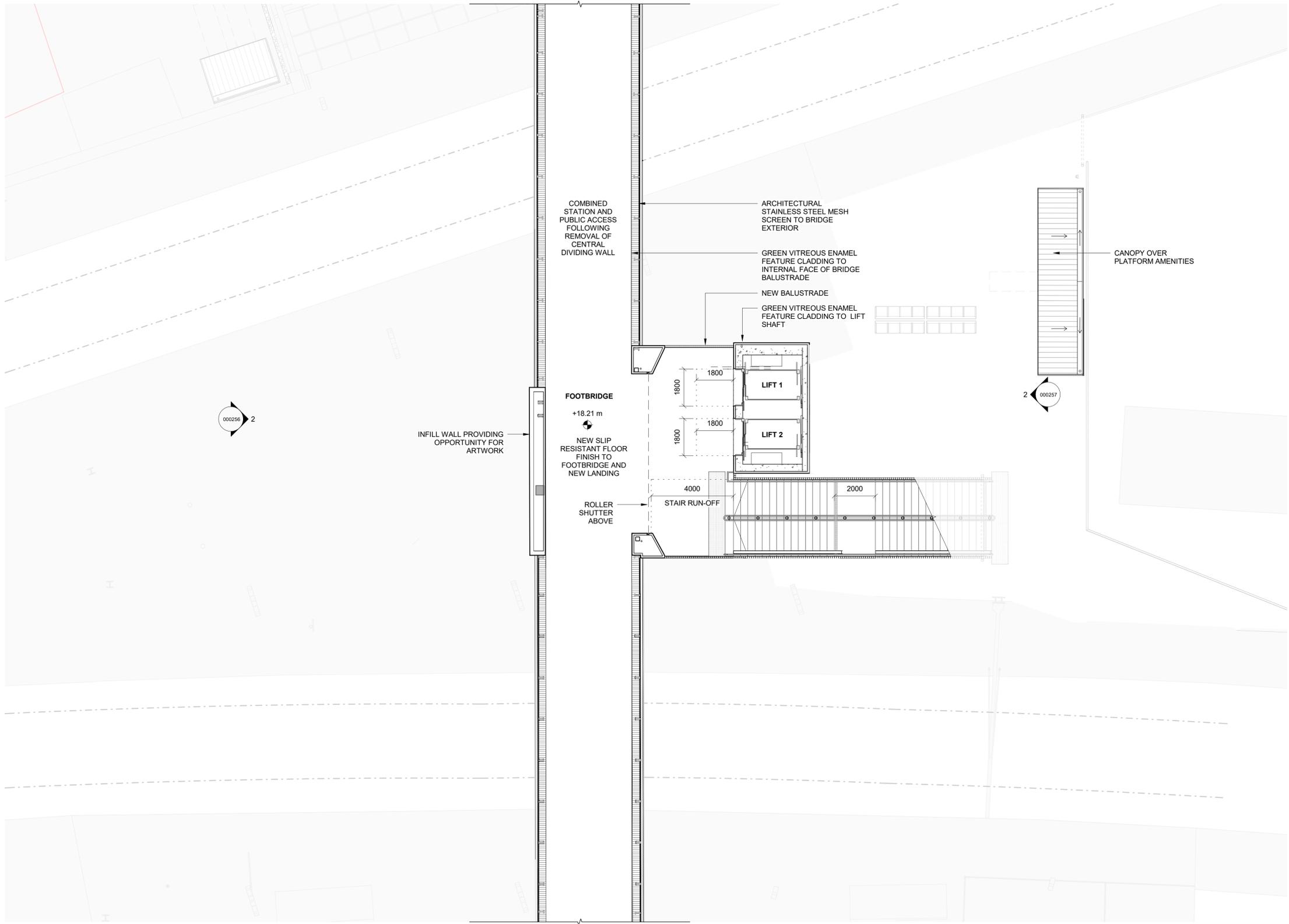
- DO NOT SCALE FROM DRAWING.
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.

LEGEND

- DEVELOPMENT BOUNDARY
- EXISTING - ELEMENTS TO BE REMOVED
- █ EXISTING - ELEMENTS TO BE RETAINED
- PROPOSED ELEMENTS



DONAGHMEDE STATION ENTRANCE - REFER TO DRAWINGS RO-000230 - RO-000237



KILBARRACK STATION ENTRANCE - REFER TO DRAWINGS RO-000240 - RO-000247

1 Footbridge Level - Proposed
1 : 100

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Rev	Date	Drn	Chk'd	App'd	Description
P01	08/12/2023	AH	JW	DB	PLANNING ISSUE

Client Iarnród Éireann Irish Rail		Engineering Designer ARUP		
Date 01/06/2023	Scale 1 : 100 @ A1 1 : 200 @ A3	Drawn AH	Checked JW	Approved DB
Project Code D+WP56	Originator Code ARP	QMS Code 28505150		

Project Title DART+COASTAL NORTH				
Drawing Title HOWTH JUNCTION & DONAGHMEDE STATION FOOTBRIDGE & CENTRAL CONNECTION FOOTBRIDGE LEVEL PLAN PROPOSED				
Drawing File Name D+WP56-ARP-P4-NL-DR-RO-000254	Sheet Number 1 of 1	Status S3	Rev P01	

DO NOT SCALE USE FIGURED DIMENSION ONLY

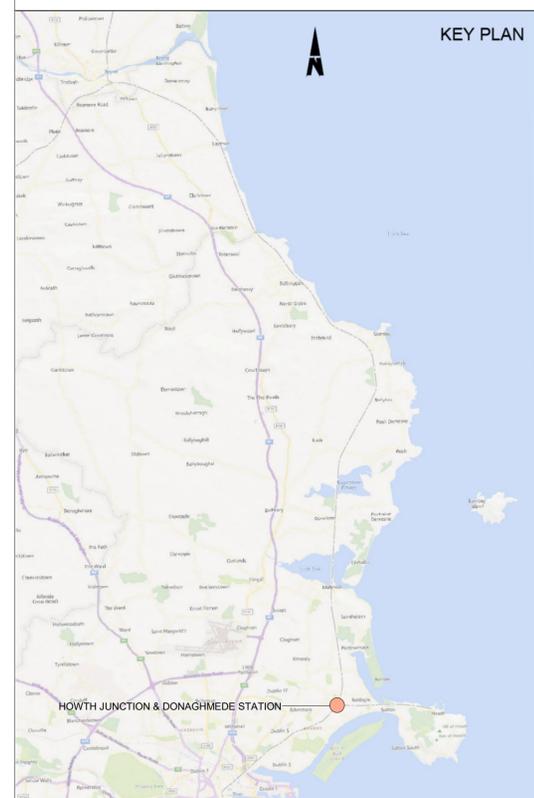
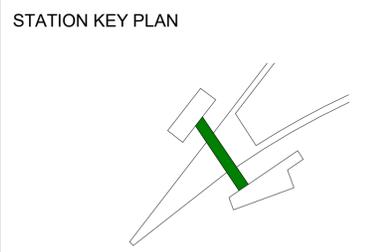


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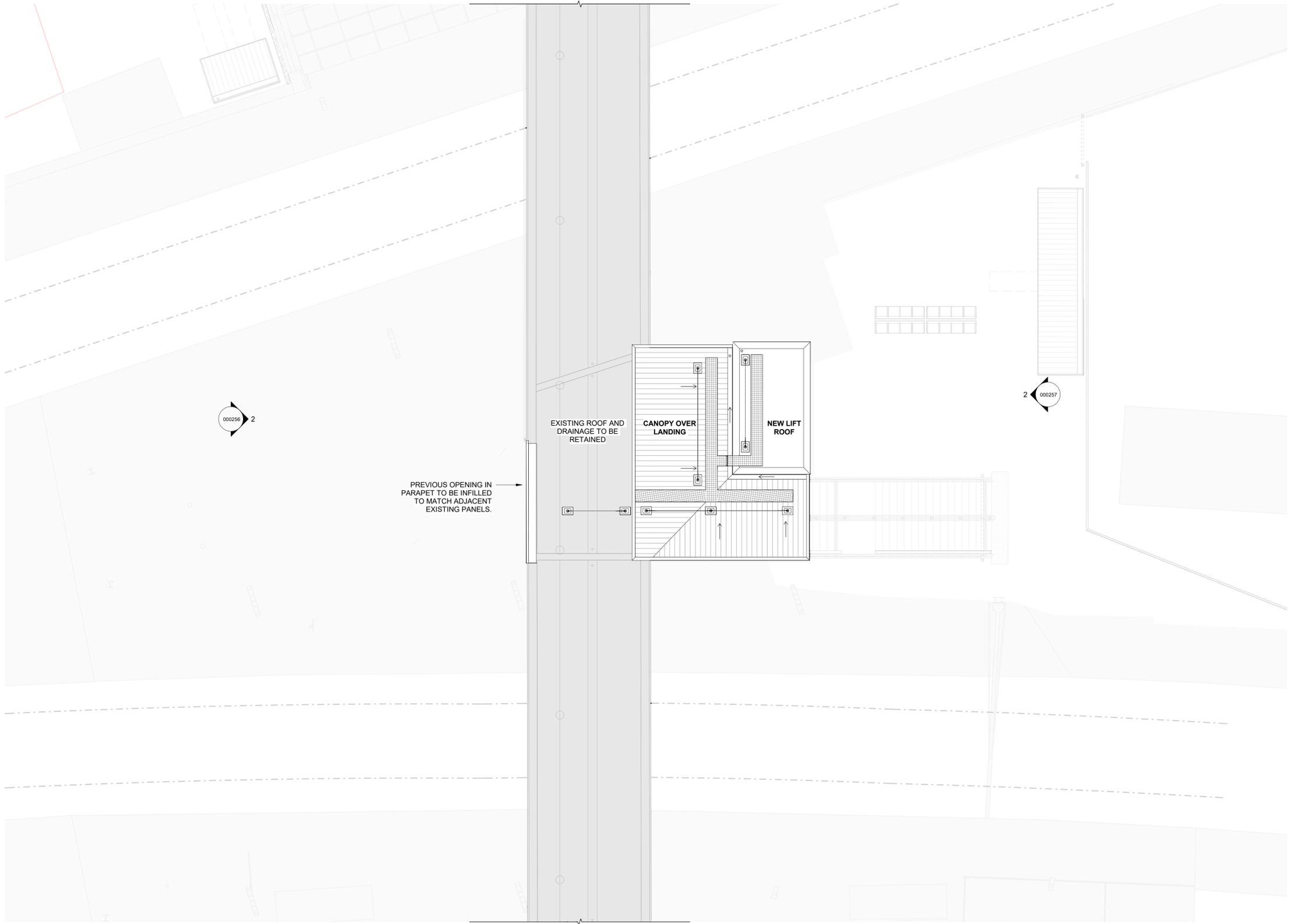
- DO NOT SCALE FROM DRAWING.
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.

LEGEND

- DEVELOPMENT BOUNDARY
- - - EXISTING - ELEMENTS TO BE REMOVED
- █ EXISTING - ELEMENTS TO BE RETAINED
- ▭ PROPOSED ELEMENTS



DONAGHMEDE STATION ENTRANCE - REFER TO DRAWINGS RO-000230 - RO-000237



KILBARRACK STATION ENTRANCE - REFER TO DRAWINGS RO-000240 - RO-000247

1 Roof Level - Proposed
1: 100

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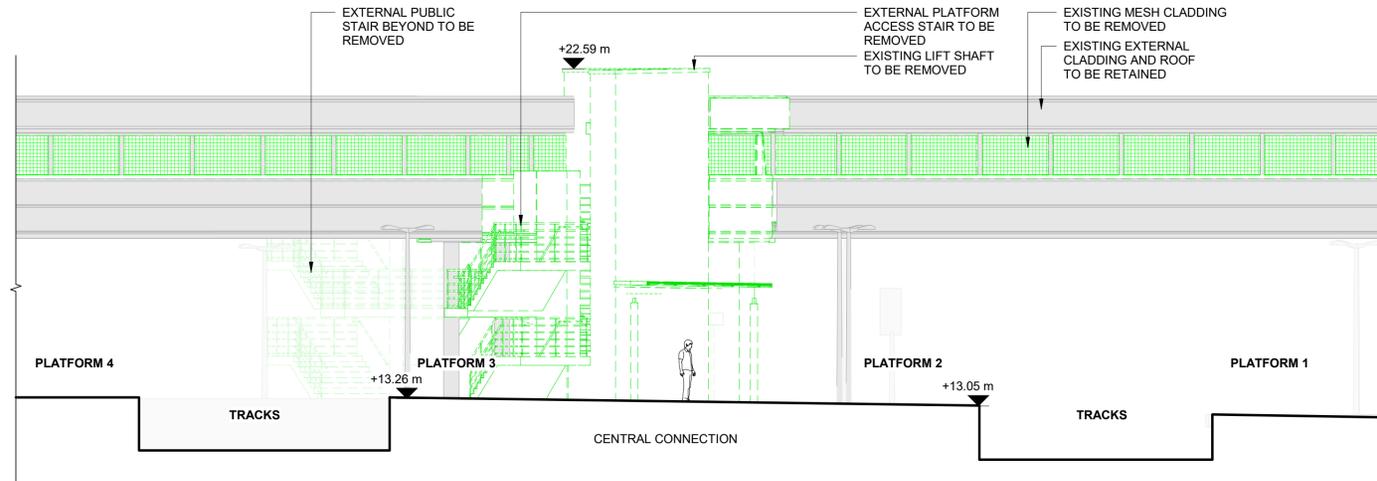


Rev	Date	Drn	Chk'd	App'd	Description
P01	08/12/2023	AH	JW	DB	PLANNING ISSUE

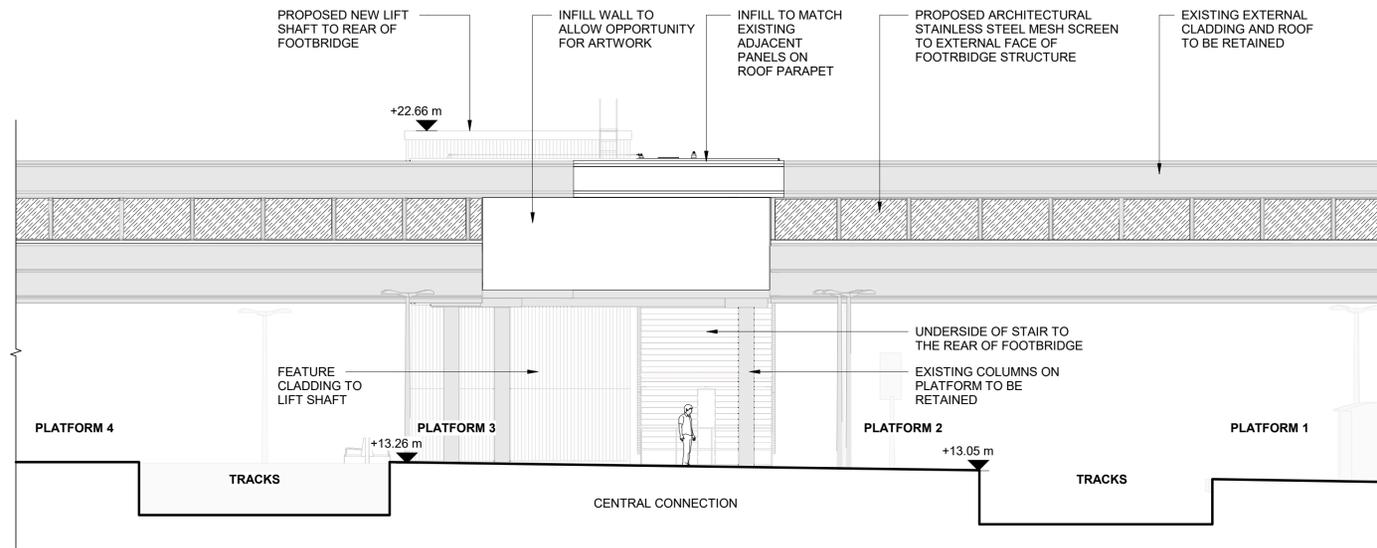
Client Iarnród Éireann Irish Rail		Engineering Designer ARUP		
Date 01/06/2023	Scale 1: 100 @ A1 1: 200 @ A3	Drawn AH	Checked JW	Approved DB
Project Code D+WP56	Originator Code ARP	QMS Code 28505150		

Project Title DART+COASTAL NORTH			
Drawing Title HOWTH JUNCTION & DONAGHMEEDE STATION FOOTBRIDGE & CENTRAL CONNECTION ROOF LEVEL PLAN PROPOSED			
Drawing File Name D+WP56-ARP-P4-NL-DR-RO-000255	Sheet Number 1 of 1	Status S3	Rev P01

DO NOT SCALE USE FIGURED DIMENSION ONLY



1 Central Connection Elevation - Southwest - Existing
1: 100



2 Central Connection Elevation - Southwest - Proposed
1: 100

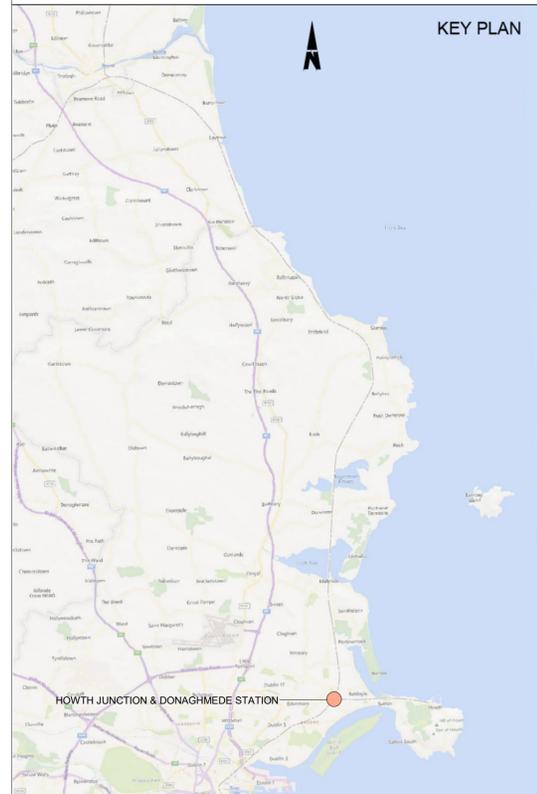
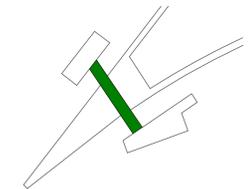
NOTES

1. DO NOT SCALE FROM DRAWING.
2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.

LEGEND

- DEVELOPMENT BOUNDARY
- EXISTING - ELEMENTS TO BE REMOVED
- EXISTING - ELEMENTS TO BE RETAINED
- PROPOSED ELEMENTS

STATION KEY PLAN



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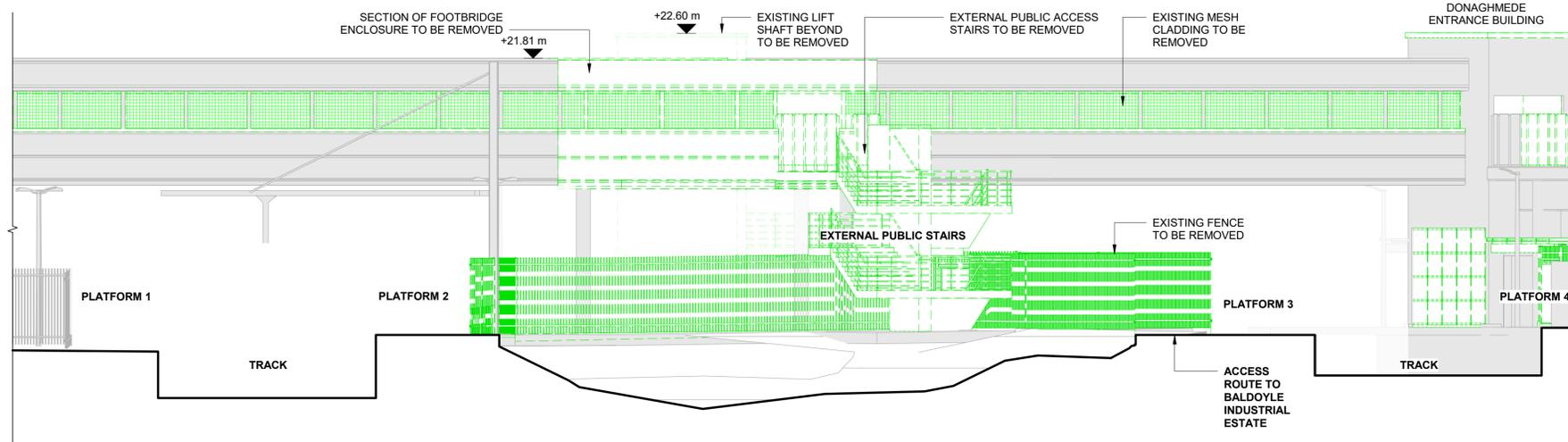
Rev	Date	Drn	Chk'd	App'd	Description
P01	13/10/2023	AH	JW	DB	PLANNING ISSUE

Client Iarnród Éireann Irish Rail		Engineering Designer ARUP		
Date 01/06/2023	Scale 1: 100 @ A1 1: 200 @ A3	Drawn AH	Checked JW	Approved DB
Project Code D+WP56	Originator Code ARP	QMS Code 28505150		

Project Title DART+COASTAL NORTH			
Drawing Title HOWTH JUNCTION & DONAGHMEADE STATION FOOTBRIDGE & CENTRAL CONNECTION ELEVATIONS			
Drawing File Name D+WP56-ARP-P4-NL-DR-RO-000256	Sheet Number 1 of 2	Status S3	Rev P01

DO NOT SCALE USE FIGURED DIMENSION ONLY

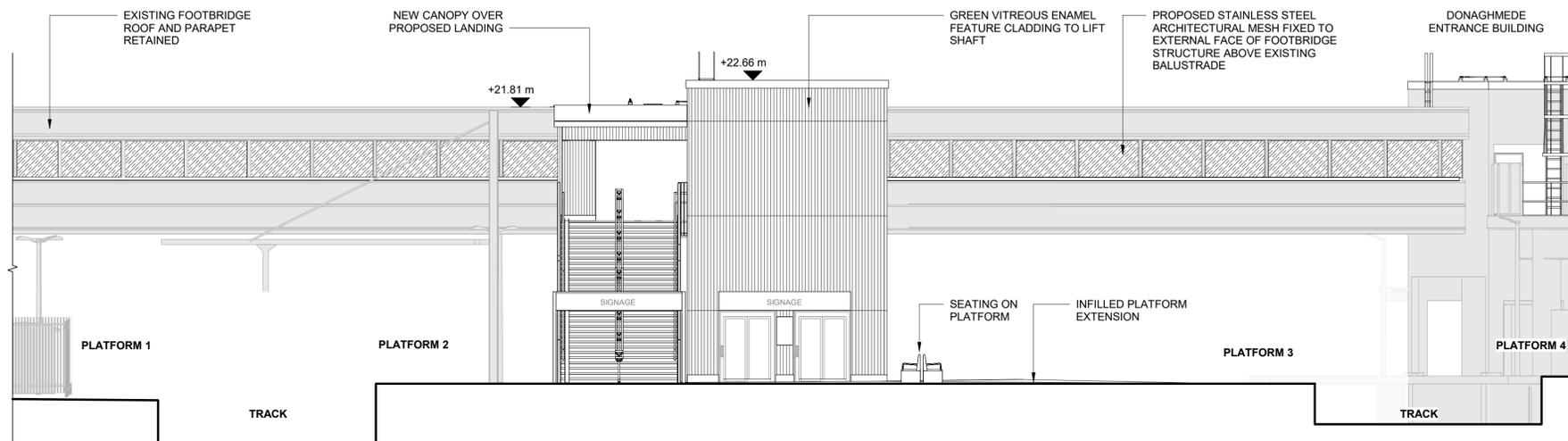
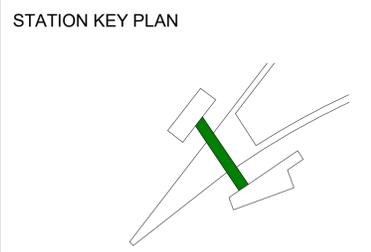
NOTES
 1. DO NOT SCALE FROM DRAWING.
 2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.



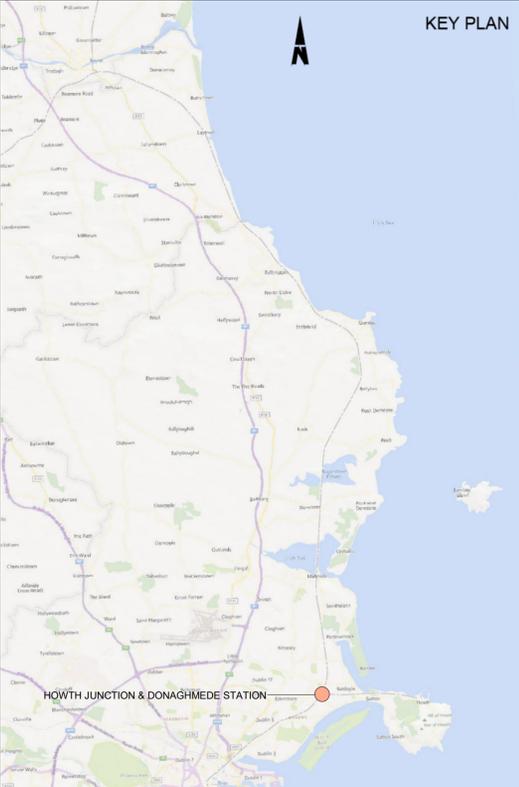
1 Central Connection Elevation - North East - Existing
 1 : 100

LEGEND

- DEVELOPMENT BOUNDARY
- - - EXISTING - ELEMENTS TO BE REMOVED
- █ EXISTING - ELEMENTS TO BE RETAINED
- PROPOSED ELEMENTS



2 Central Connection Elevation - North East - Proposed
 1 : 100



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Rev	Date	Drn	Chk'd	App'd	Description
P01	08/12/2023	AH	JW	DB	PLANNING ISSUE

Client Iarnród Éireann Irish Rail		Engineering Designer ARUP		
Date 01/06/2023	Scale 1 : 100 @ A1 1 : 200 @ A3	Drawn AH	Checked JW	Approved DB
Project Code D+WP56	Originator Code ARP	QMS Code 28505150		

Project Title DART+COASTAL NORTH			
Drawing Title HOWTH JUNCTION & DONAGHME STATION FOOTBRIDGE & CENTRAL CONNECTION ELEVATIONS			
Drawing File Name D+WP56-ARP-P4-NL-DR-RO-000257	Sheet Number 2 of 2	Status S3	Rev P01

DO NOT SCALE USE FIGURED DIMENSION ONLY

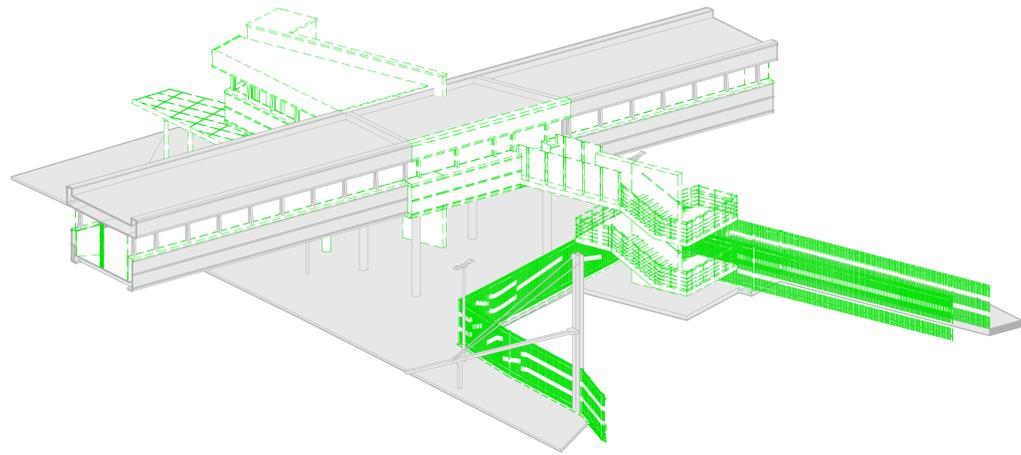
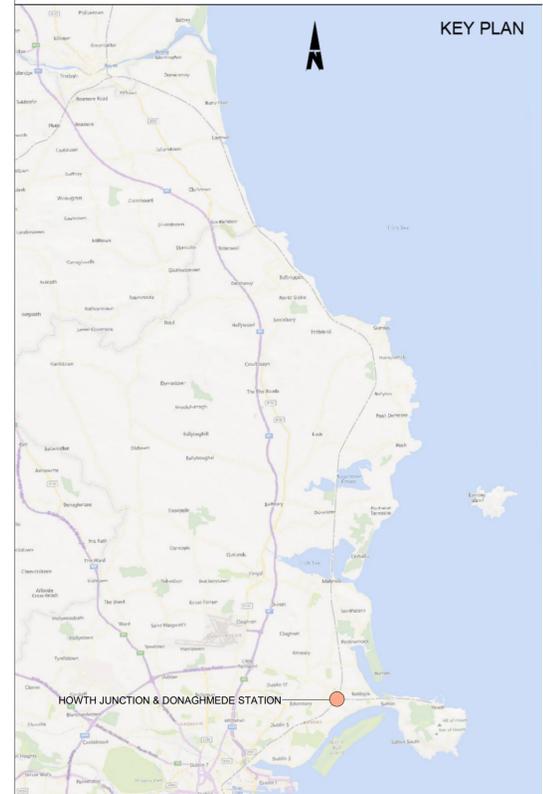
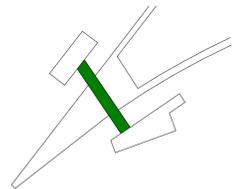
NOTES

- 1. DO NOT SCALE FROM DRAWING.
- 2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.

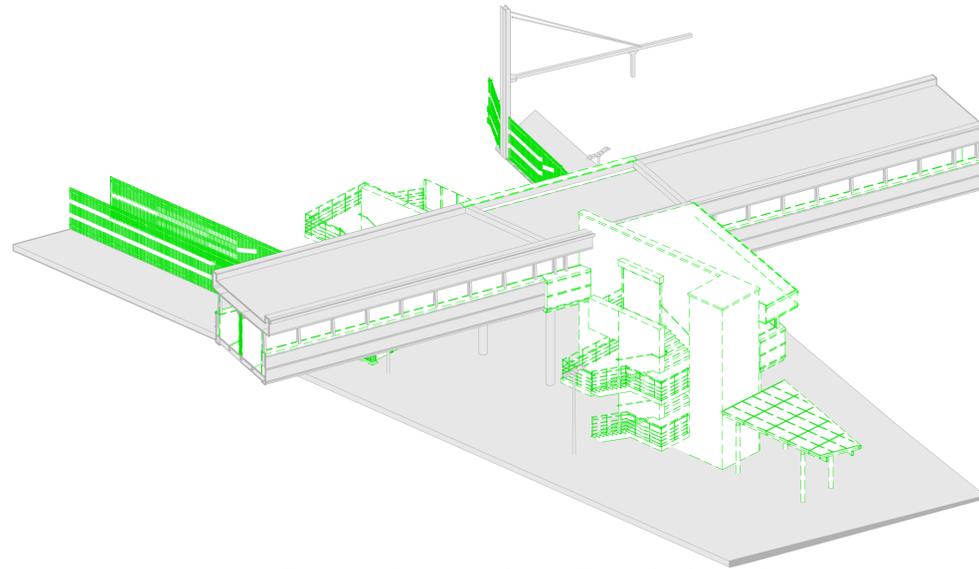
LEGEND

- DEVELOPMENT BOUNDARY
- - - EXISTING - ELEMENTS TO BE REMOVED
- EXISTING - ELEMENTS TO BE RETAINED
- PROPOSED ELEMENTS

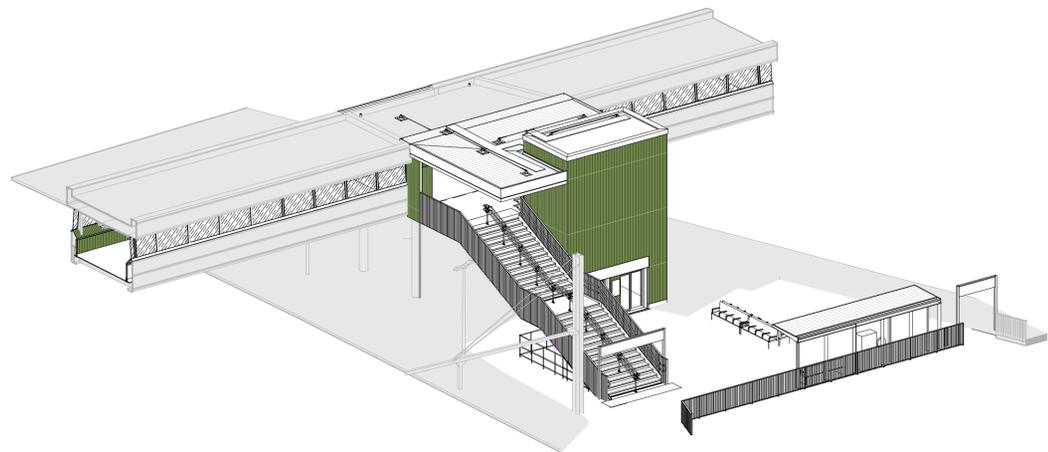
STATION KEY PLAN



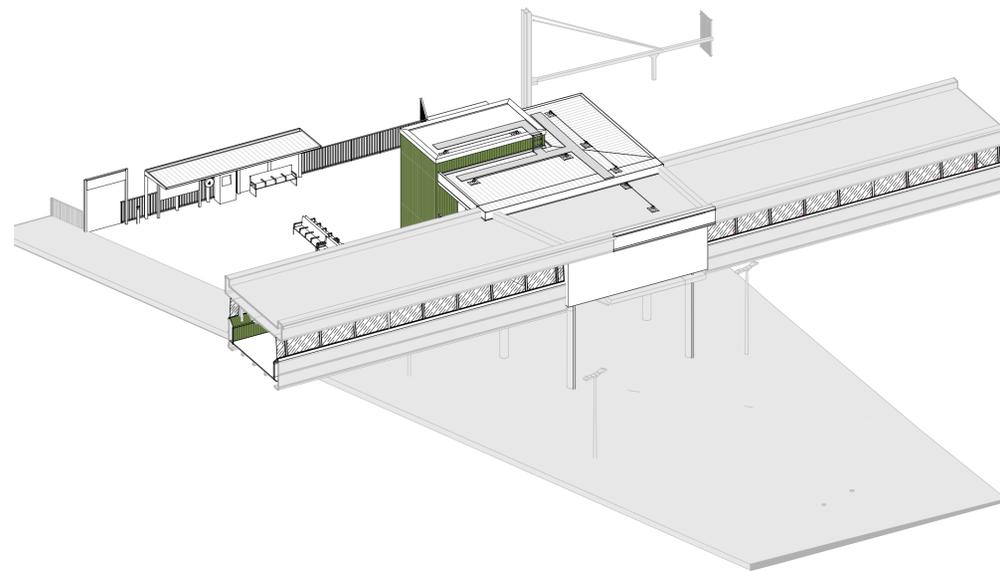
1 View from East- Existing with Demolition



2 View from West - Existing with Demolition



3 View from East- Proposed



4 View from West - Proposed

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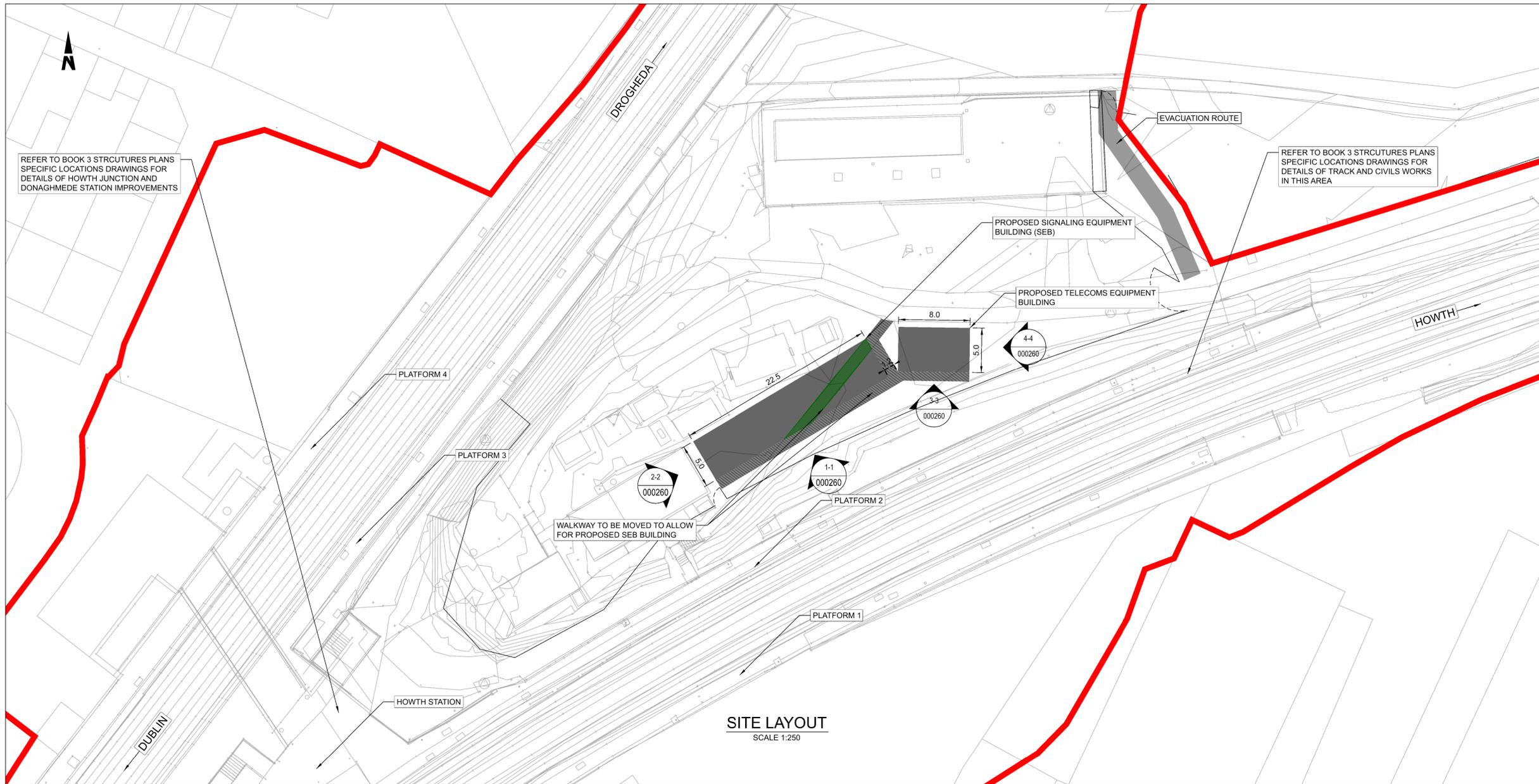


Rev	Date	Drn	Chk'd	App'd	Description
P01	08/12/2023	AH	JW	DB	PLANNING ISSUE

Client Iarnród Éireann Irish Rail		Engineering Designer ARUP		
Date 01/06/2023	Scale 1 : 200	@ A1 Drawn AH	Checked JW	Approved DB
Project Code D+WP56	Originator Code ARP	QMS Code 28505150		

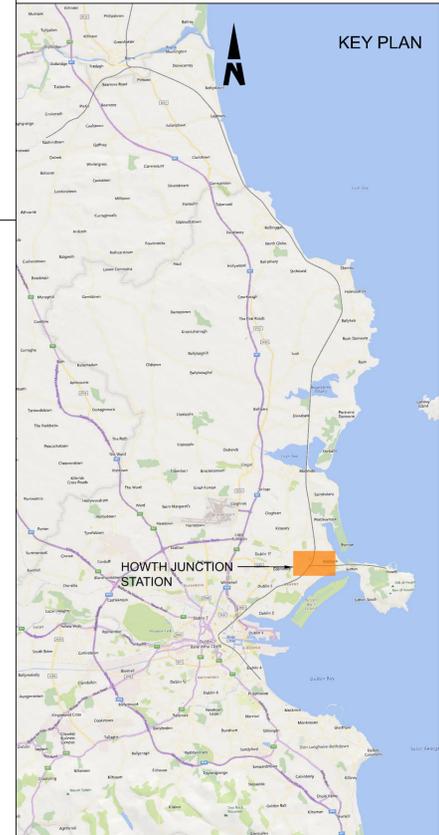
Project Title DART+COASTAL NORTH			
Drawing Title HOWTH JUNCTION & DONAGHMEADE STATION FOOTBRIDGE & CENTRAL CONNECTION 3D VIEWS			
Drawing File Name D+WP56-ARP-P4-NL-DR-RO-000258	Sheet Number 1 of 1	Status S3	Rev P01

DO NOT SCALE USE FIGURED DIMENSION ONLY

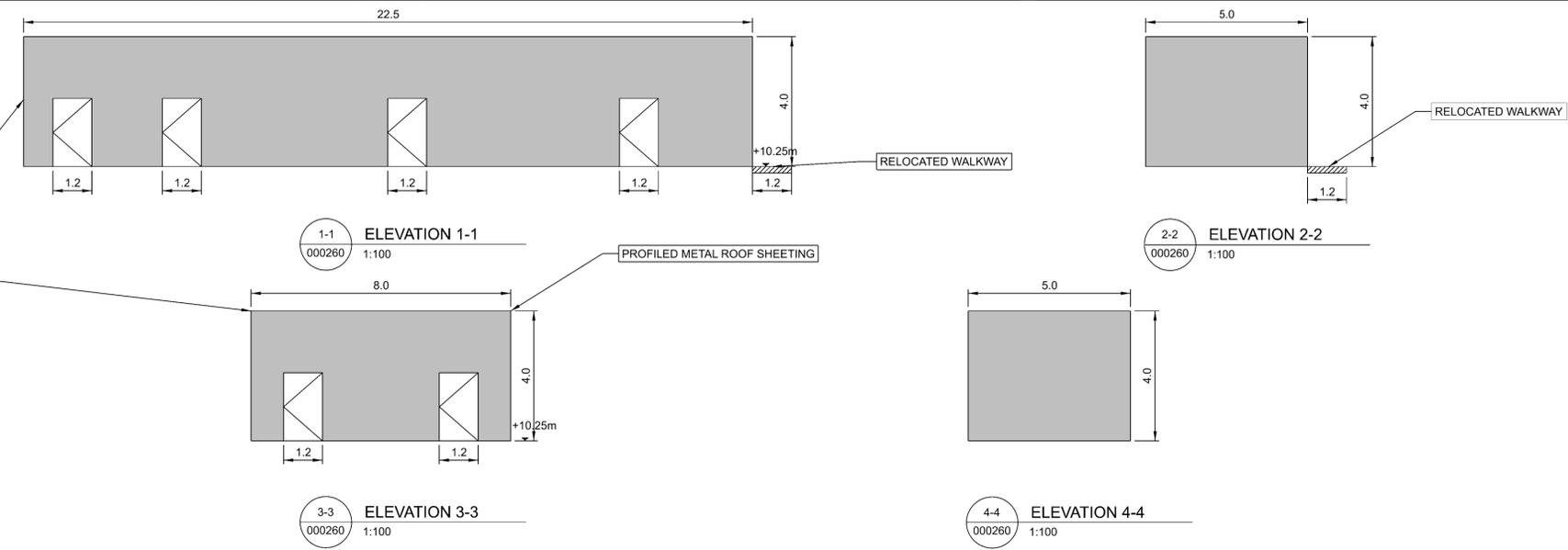


- NOTES**
- DO NOT SCALE FROM THIS DRAWING
 - LOCATION OF ALL BURIED SERVICES TO BE CONFIRMED PRIOR TO CONSTRUCTION.
 - ALL DIMENSIONS ARE IN METERS, UNLESS OTHERWISE STATED.
 - ALL CHAINAGES ARE IN KILOMETERS.
 - DRAWING TO BE PRINTED IN COLOUR.
 - ALL LEVELS ARE IN METERS ABOVE ORDNANCE DATUM (MOD) UNLESS OTHERWISE STATED.
 - THE DART+ COASTAL NORTH PROJECT IS POSITIONED ACCORDING TO THE IRISH TRANSVERSE MERCATOR (ITM) COORDINATE SYSTEM.
 - REFER TO BOOK 3 LINEAR WORKS PLANS FOR DETAILS OF LINESIDE CIVILS INFRASTRUCTURE SUCH AS TROUGHING AND FENCING.

- LEGEND**
- DEVELOPMENT BOUNDARY
 - EXISTING ELEMENTS
 - PROPOSED LINESIDE EQUIPMENT BUILDINGS
 - PROPOSED WALKWAY
 - ELEMENTS TO BE REMOVED



SITE LAYOUT
SCALE 1:250



CEMENT PLASTER FINISH AND COLOUR TO MATCH EXISTING ADJACENT STATION BUILDINGS

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

Client: **Iarnród Éireann Irish Rail**

Engineering Designer: **ARUP**

Date: 01/06/2023 | Scale: AS SHOWN @ A1 @ A3

Project Code: D+WP56 | Originator Code: ARUP

QMS Code: 279933-00

Drawn: SF | Checked: CG | Approved: DB

Project Title: DART+ COASTAL NORTH			
Drawing Title: HOWTH JUNCTION STATION PROPOSED SIGNALLING EQUIPMENT BUILDING AND TELECOMS EQUIPMENT BUILDING			
Drawing File Name: D+WP56-ARP-P4-NL-DR-RO-000260	Sheet Number: 1 of 1	Status: S3	Rev: P01

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