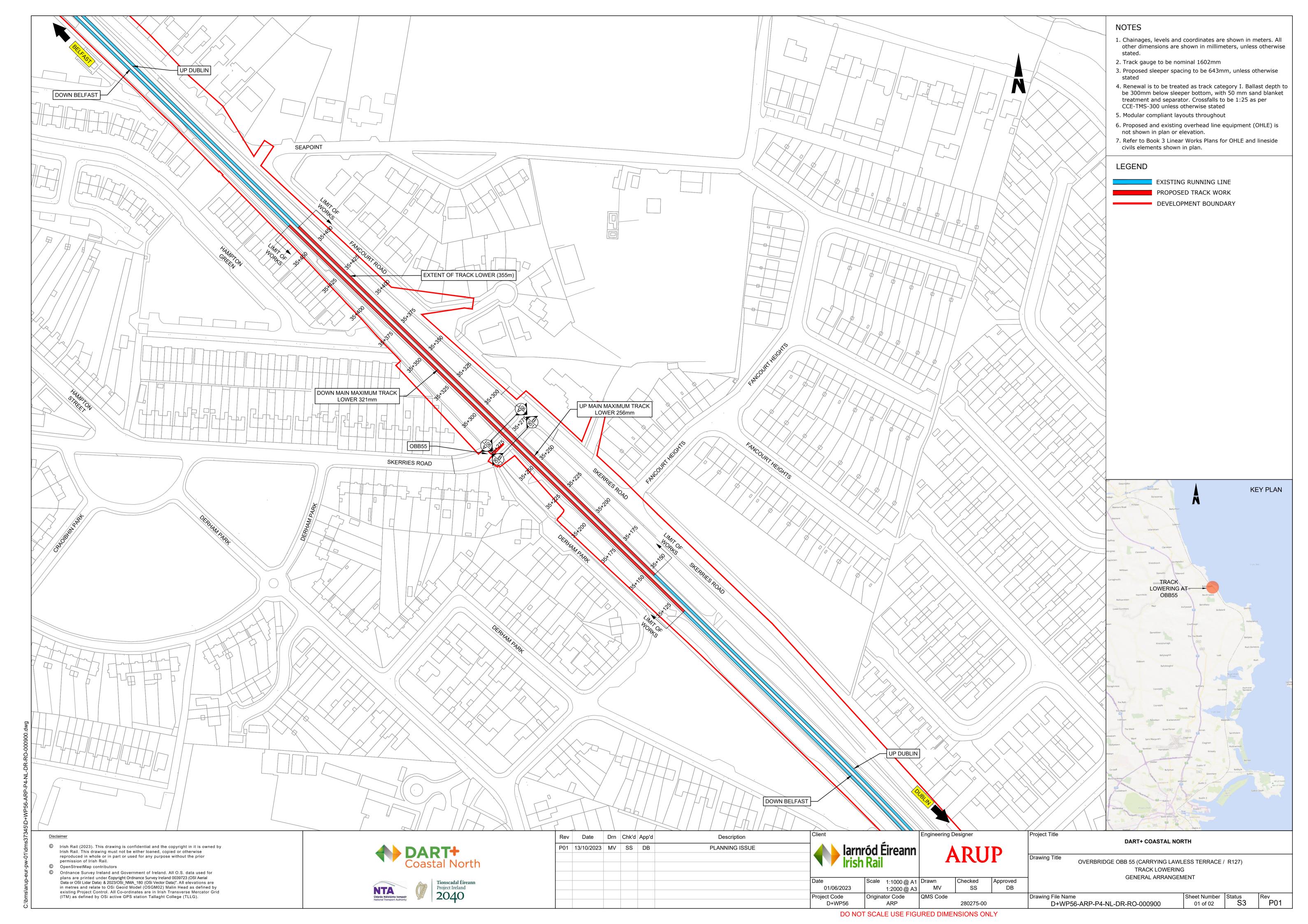
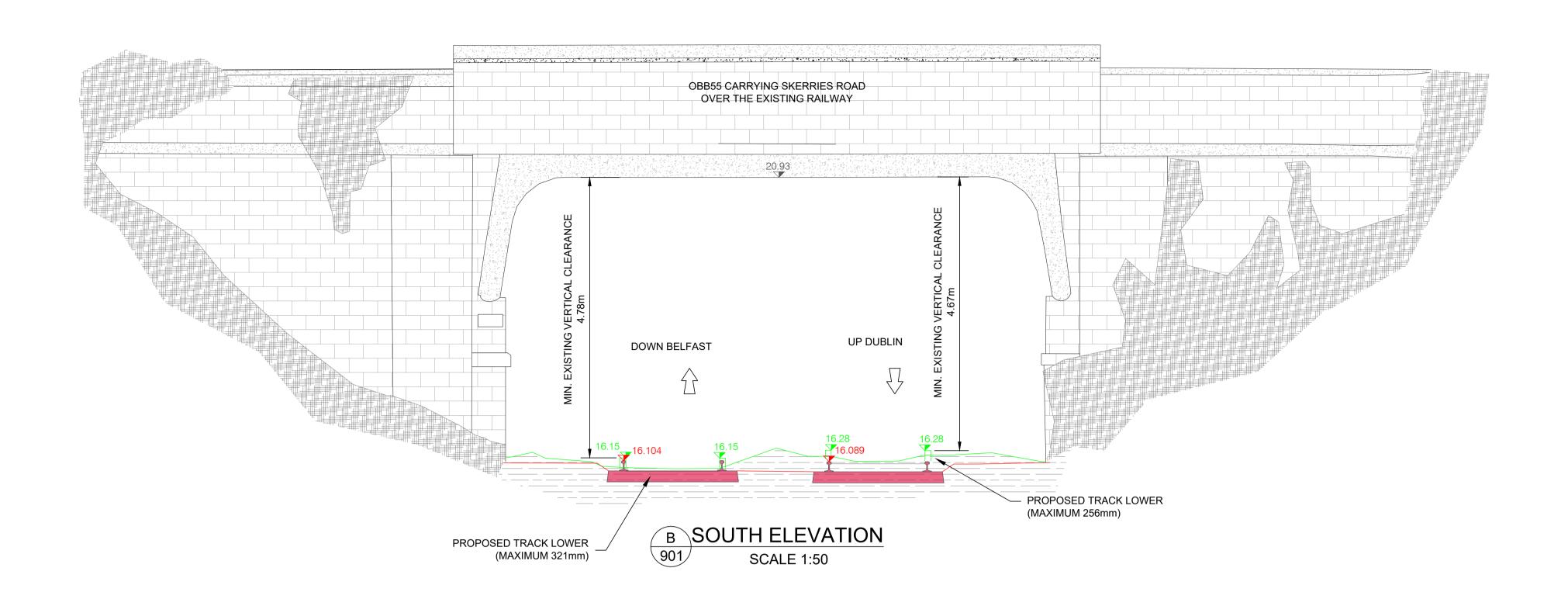
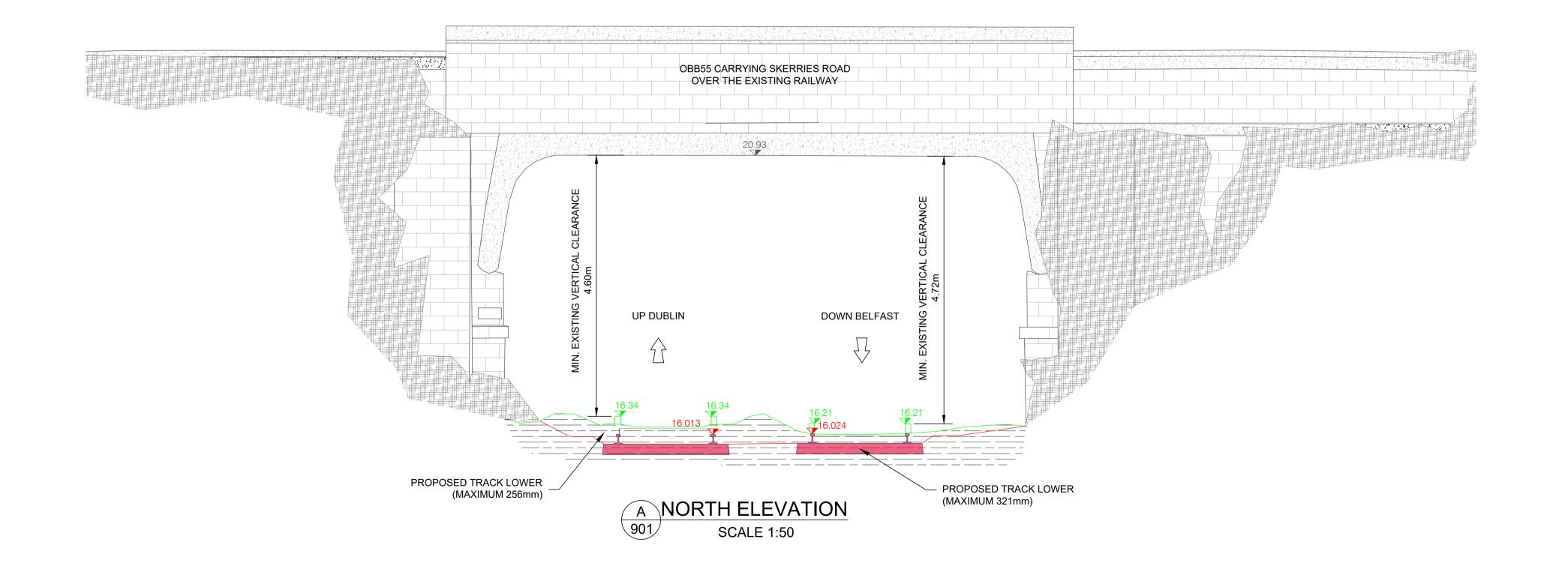
SPECIFIC LOCATIONS
09 Balbriggan

TRACK LOWERING







### NOTES

- 1. Chainages, levels and coordinates are shown in meters. All other dimensions are shown in millimeters, unless otherwise stated.
- 2. Track gauge to be nominal 1602mm
- 3. Proposed sleeper spacing to be 643mm, unless otherwise
- 4. Renewal is to be treated as track category I. 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
- 5. Modular compliant layouts throughout
- 6. Proposed and existing overhead line equipment (OHLE) is not shown in plan or elevation.
- 7. Refer to Book 3 Linear Works Plans for OHLE and lineside civils elements shown in plan.

#### LEGEND

PROPOSED TRACK

EXISTING TRACK TO BE LOWERED

EXISTING ELEMENTS

KEY PLAN

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Rev Date Drn Chk'd App'd Description P01 | 13/10/2023 | MV | SS | DB PLANNING ISSUE 01/06/2023 Project Code



Originator Code

Checked Approved

SS

OVERBRIDGE OBB 55 (CARRYING LAWLESS TERRACE / R127) TRACK LOWERING **ELEVATIONS** 

D+WP56-ARP-P4-NL-DR-RO-000901

DART+ COASTAL NORTH

Sheet Number Status S3

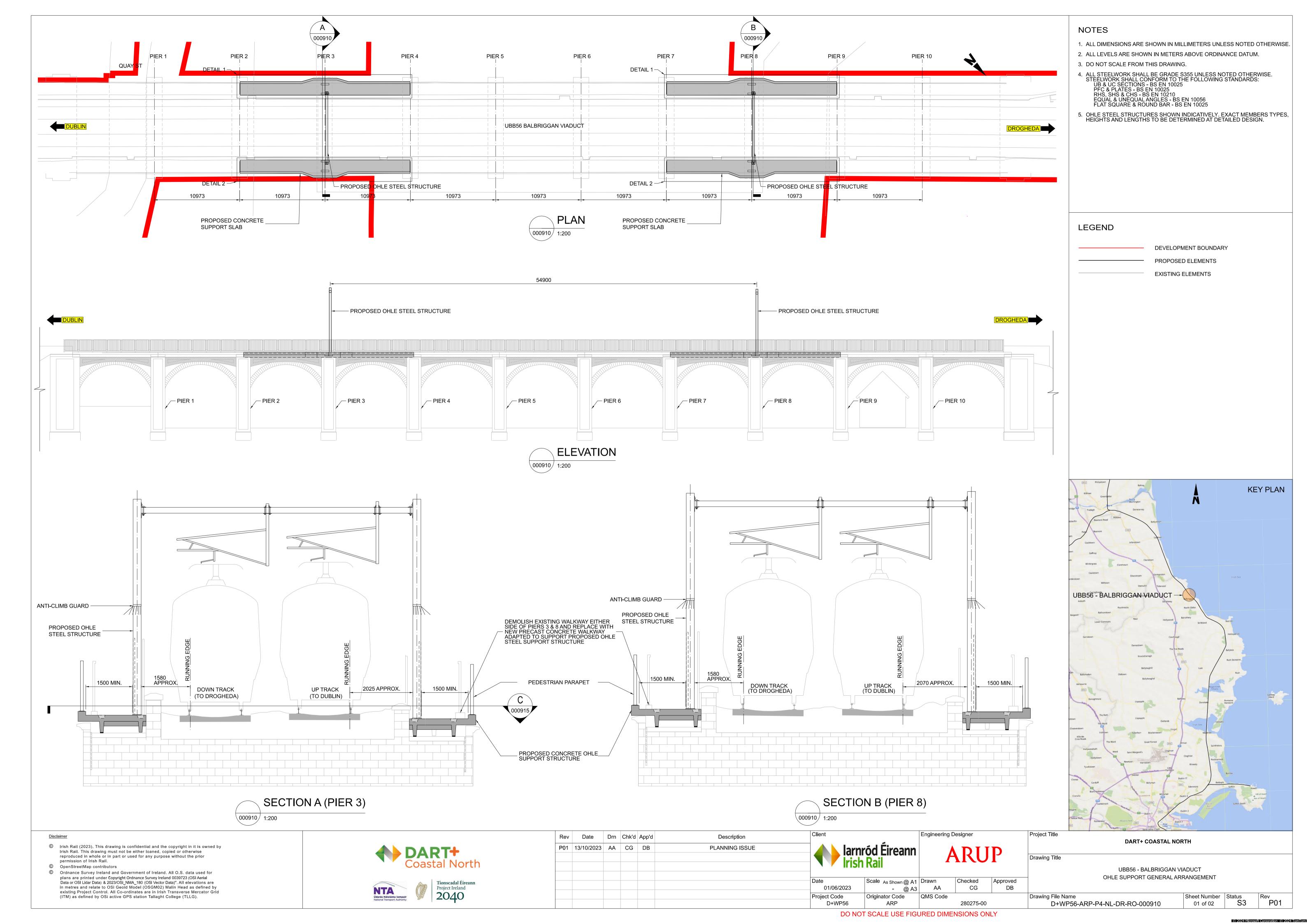
DB

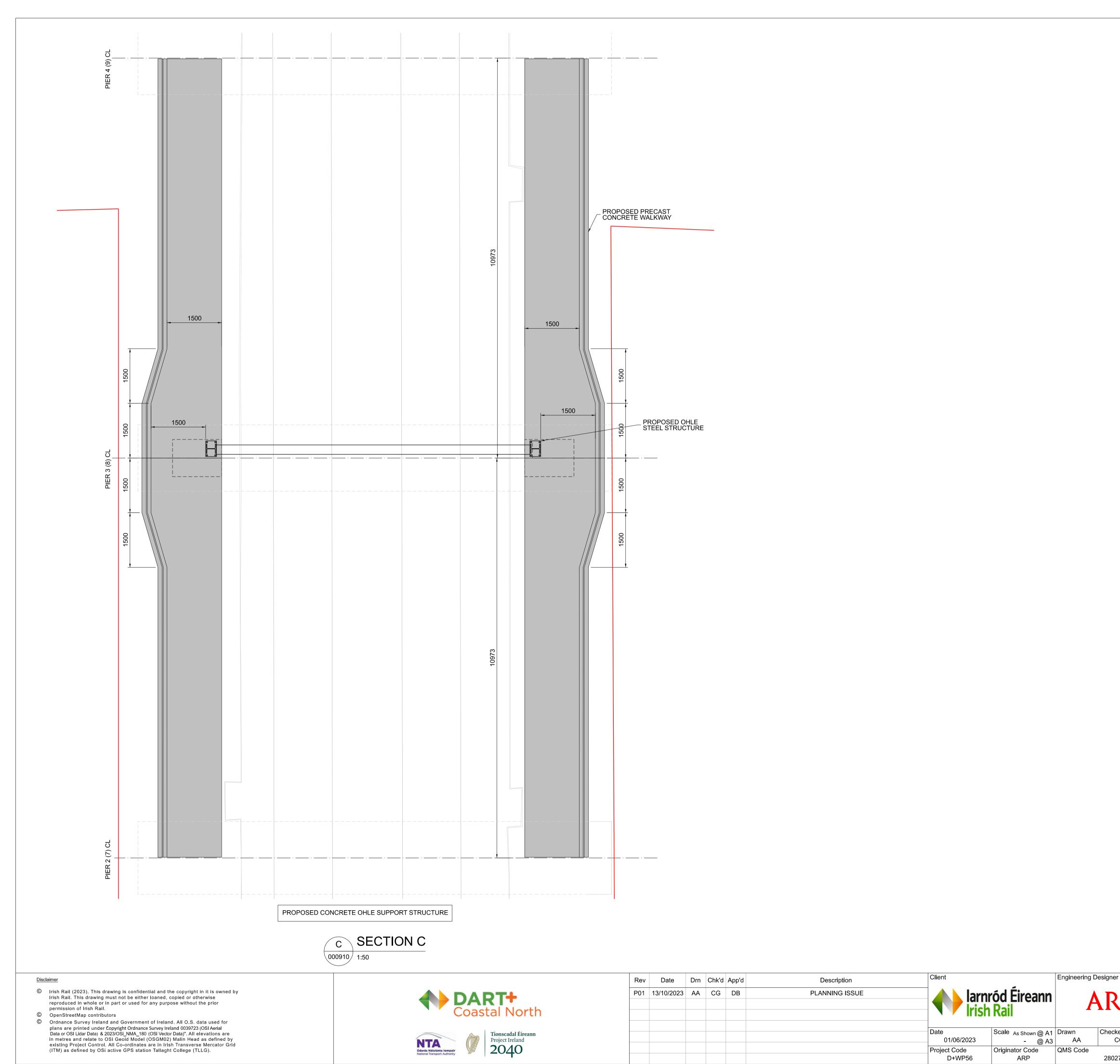
Project Title

MV

1:100 @ A3

BALBRIGGAN VIADUCT





NOTES

- 1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS NOTED OTHERWISE. 2. ALL LEVELS ARE SHOWN IN METERS ABOVE ORDINANCE DATUM. 3. DO NOT SCALE FROM THIS DRAWING.
- 4. ALL STEELWORK SHALL BE GRADE S355 UNLESS NOTED OTHERWISE. STEELWORK SHALL CONFORM TO THE FOLLOWING STANDARDS: UB & UC SECTIONS BS EN 10025 PFC & PLATES BS EN 10025 RHS, SHS & CHS BS EN 10210 EQUAL & UNEQUAL ANGLES BS EN 10056 FLAT SQUARE & ROUND BAR BS EN 10025
- 5. OHLE STEEL STRUCTURES SHOWN INDICATIVELY. EXACT MEMBERS TYPES, HEIGHTS AND LENGTHS TO BE DETERMINED AT DETAILED DESIGN.

LEGEND DEVELOPMENT BOUNDARY

> PROPOSED ELEMENTS EXISTING ELEMENTS

> > **KEY PLAN**

UBB56 - BALBRIGGAN VIADUCT

Approved

DB

Project Title DART+ COASTAL NORTH

Drawing Title UBB56 - BALBRIGGAN VIADUCT OHLE SUPPORT SECTION

Drawing File Name D+WP56-ARP-P4-NL-DR-RO-000911

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

Checked

CG

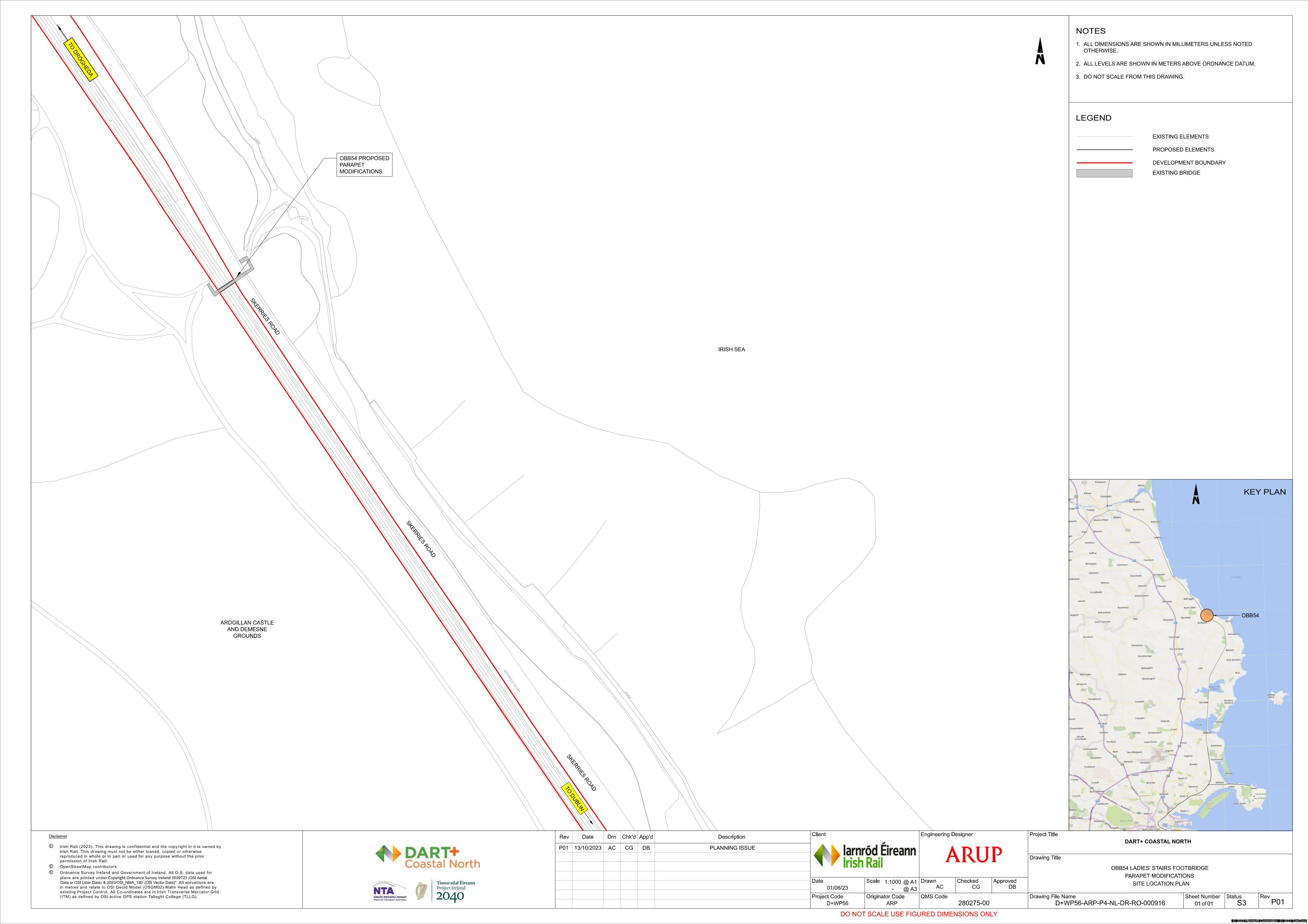
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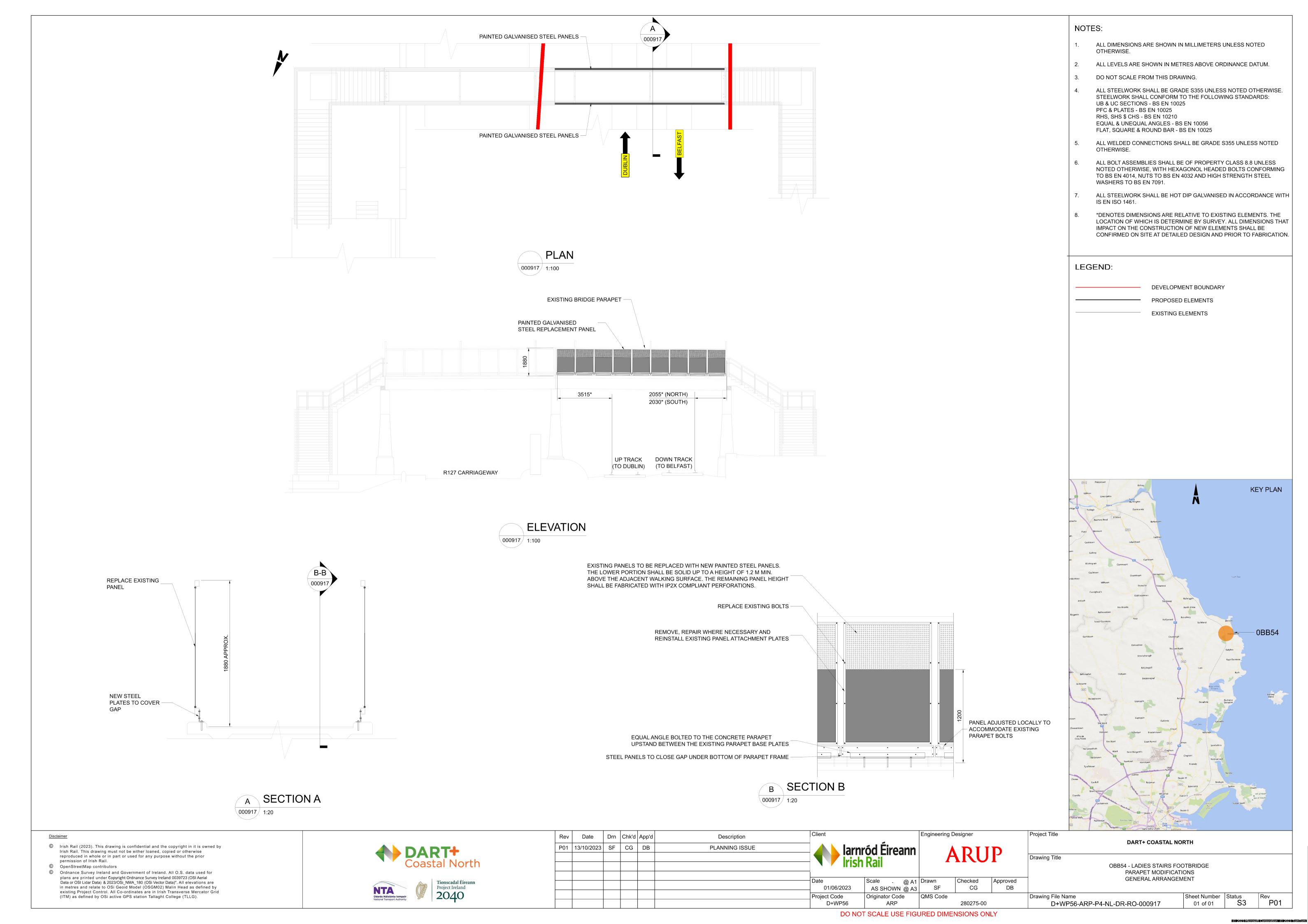
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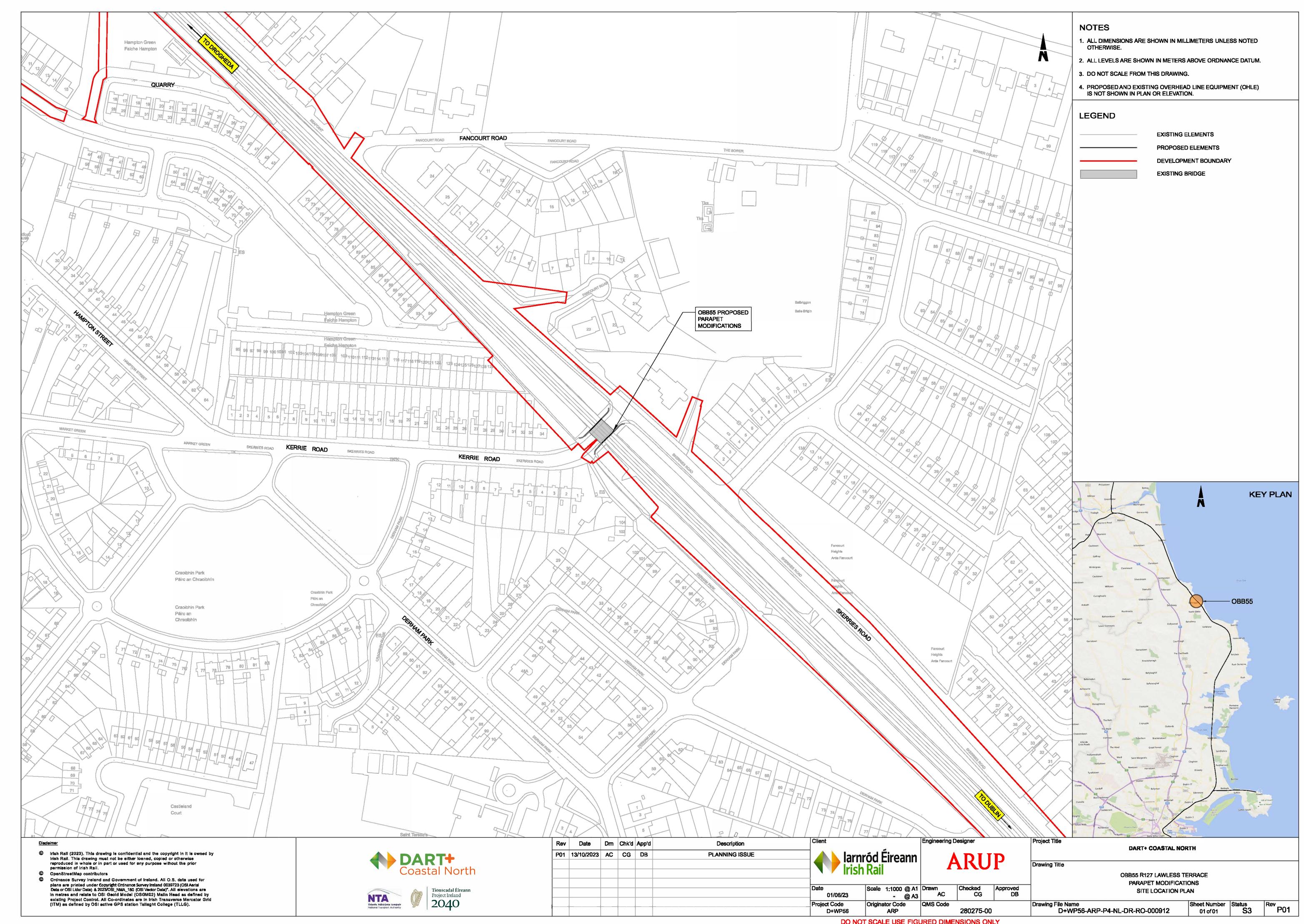
Sheet Number | Status

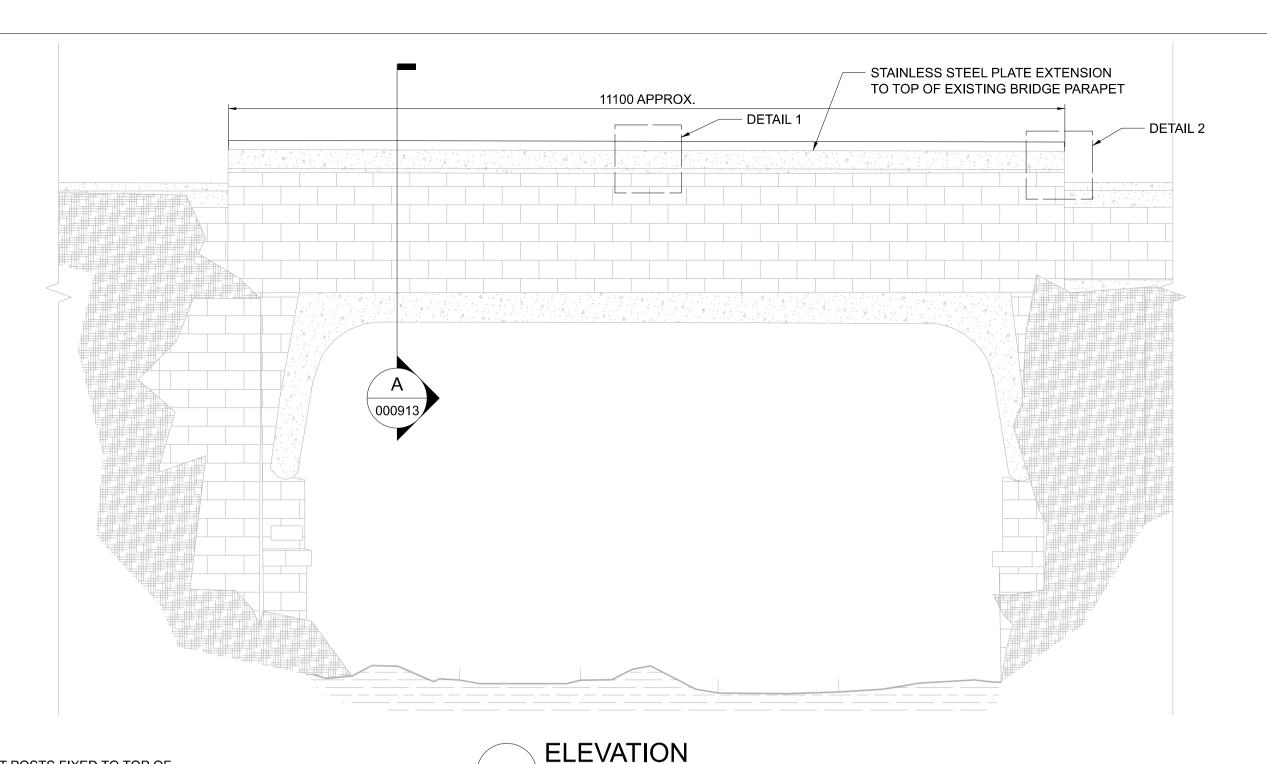
02 of 02

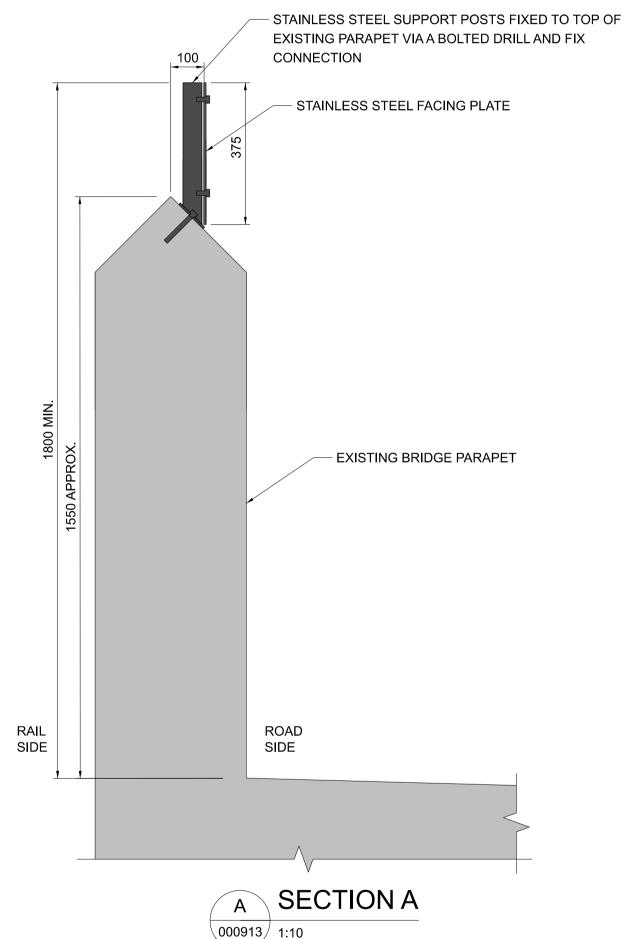
BRIDGE PARAPET MODIFICATIONS

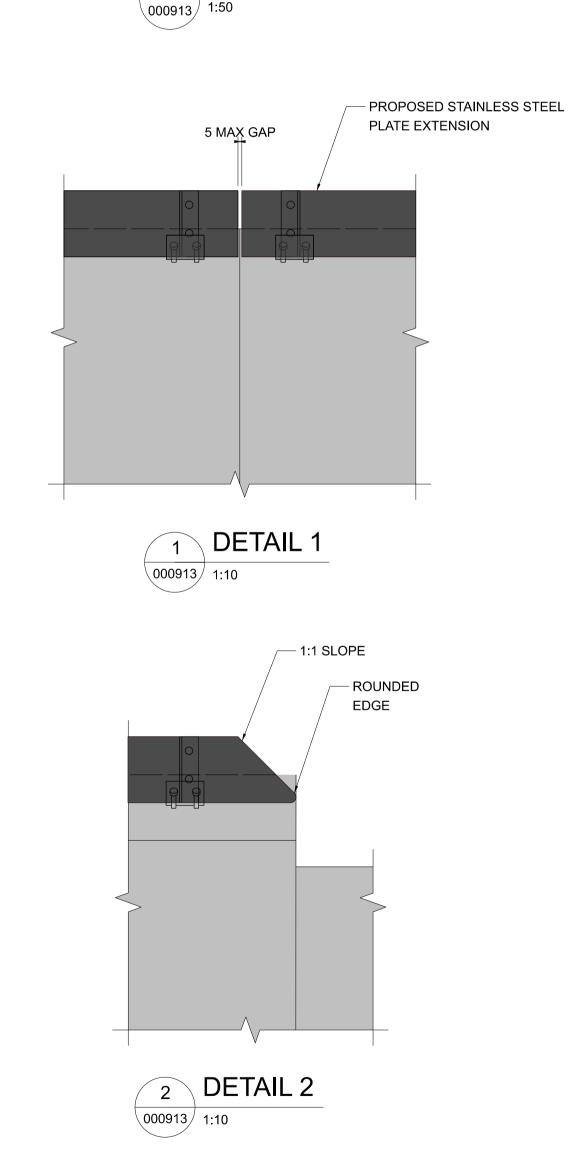














**OBB55 PARAPET IMAGE** 000913

LEGEND

NOTES

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS NOTED OTHERWISE.

5. STAINLESS STEEL PLATE AND SUPPORT POSTS SHALL BE GRADE EN 1.4401

6. STAINLESS STEEL BOLT AND SCREW CONNECTIONS SHALL BE GRADE A4-70.

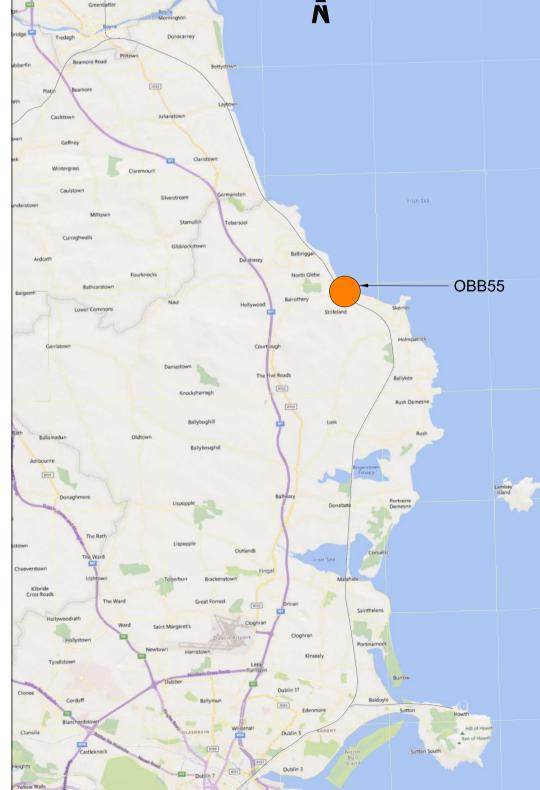
2. ALL LEVELS ARE SHOWN IN METERS ABOVE ORDINANCE DATUM.

4. ANCHOR BOLTS TO BE INSTALLED IN EXISTING PARAPET COPINGS. PULL-OUT TESTS ON ANCHOR BOLTS SHALL BE UNDERTAKEN TO CONFIRM

3. DO NOT SCALE FROM THIS DRAWING.

SUITABILITY OF BASE MATERIAL.

(GRADE 316 EQUIVALENT).



EXISTING ELEMENTS

PROPOSED ELEMENTS

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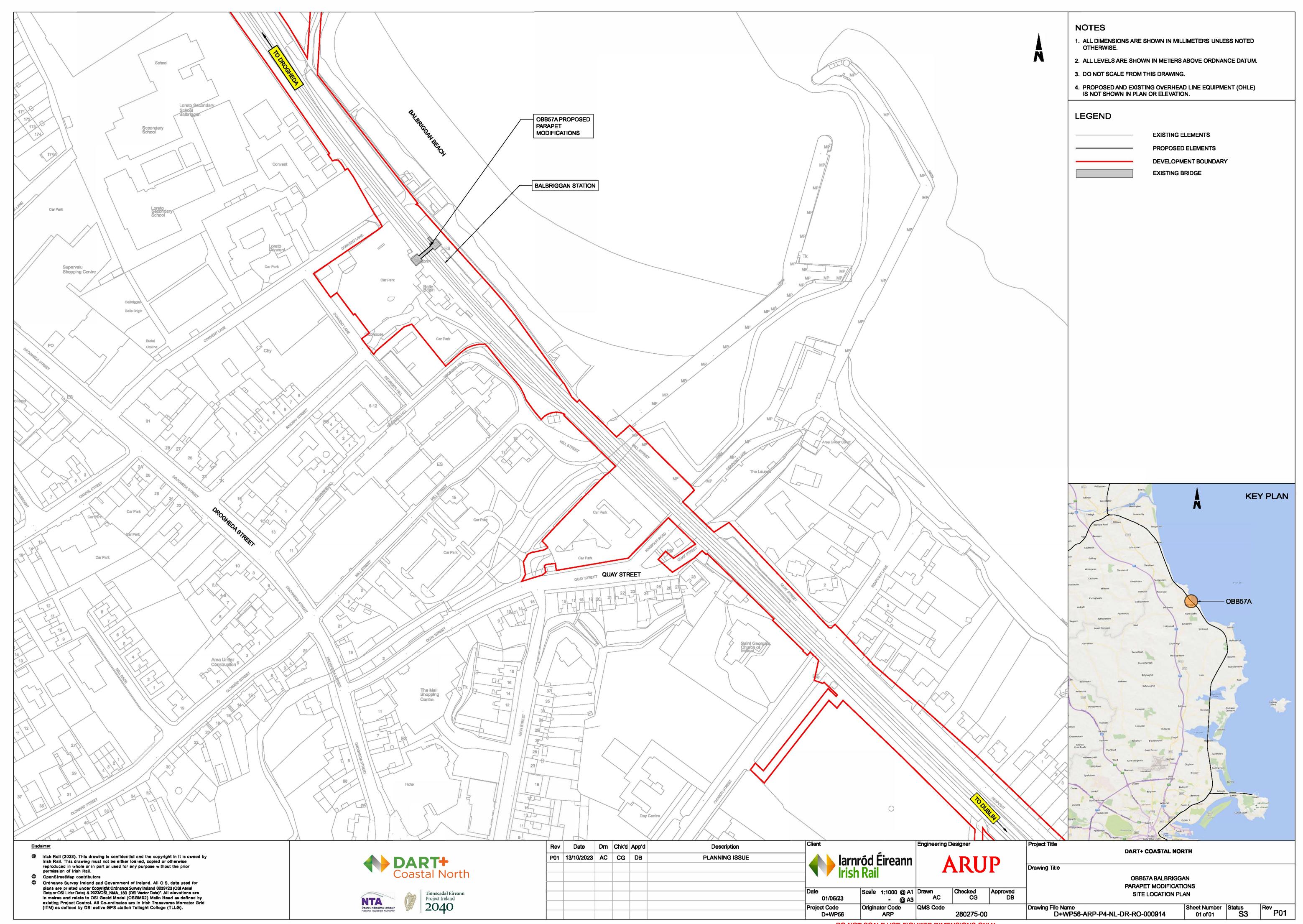


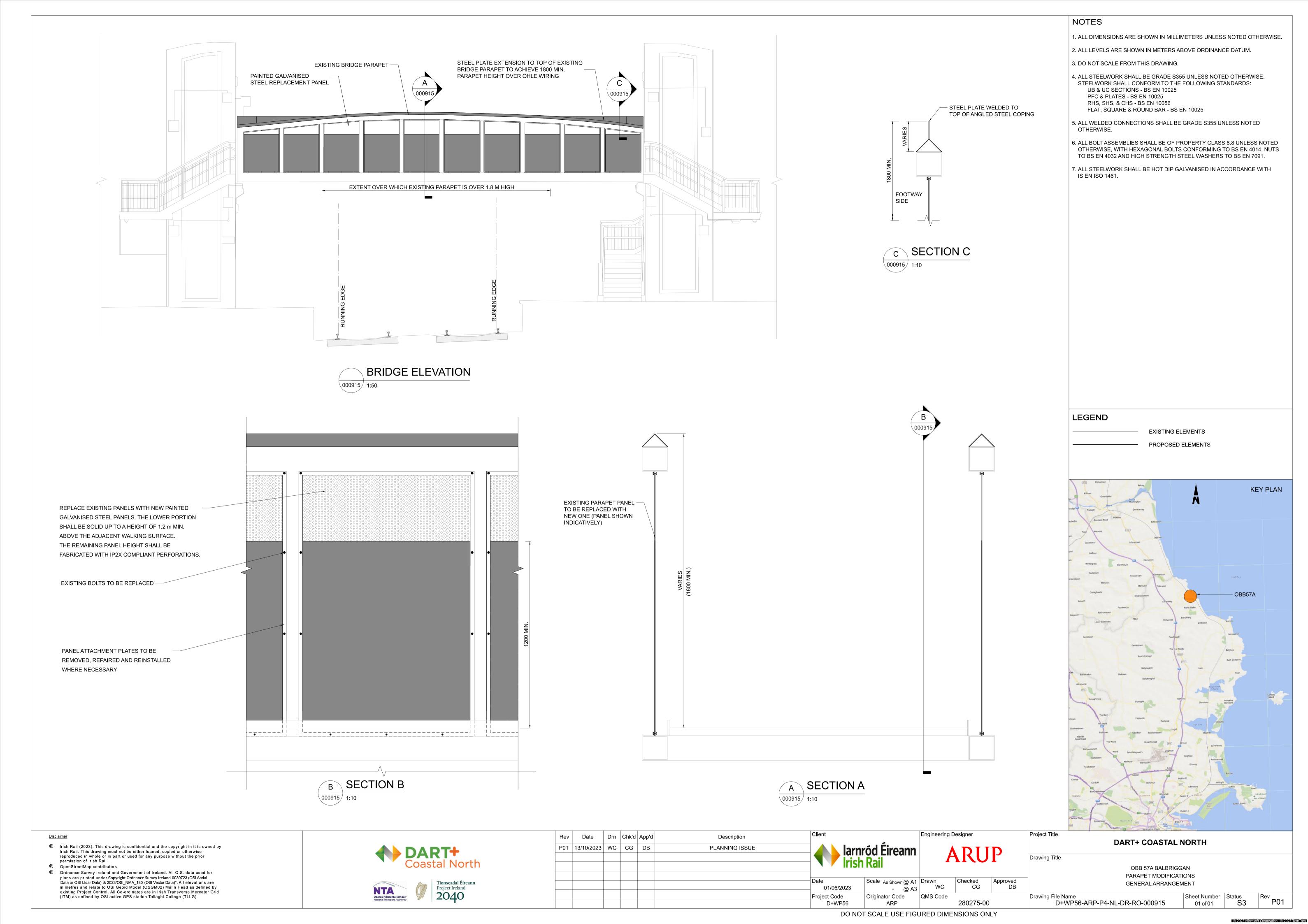
Date Drn Chk'd App'd Description PLANNING ISSUE P01 | 13/10/2023 | WC | CG | DB



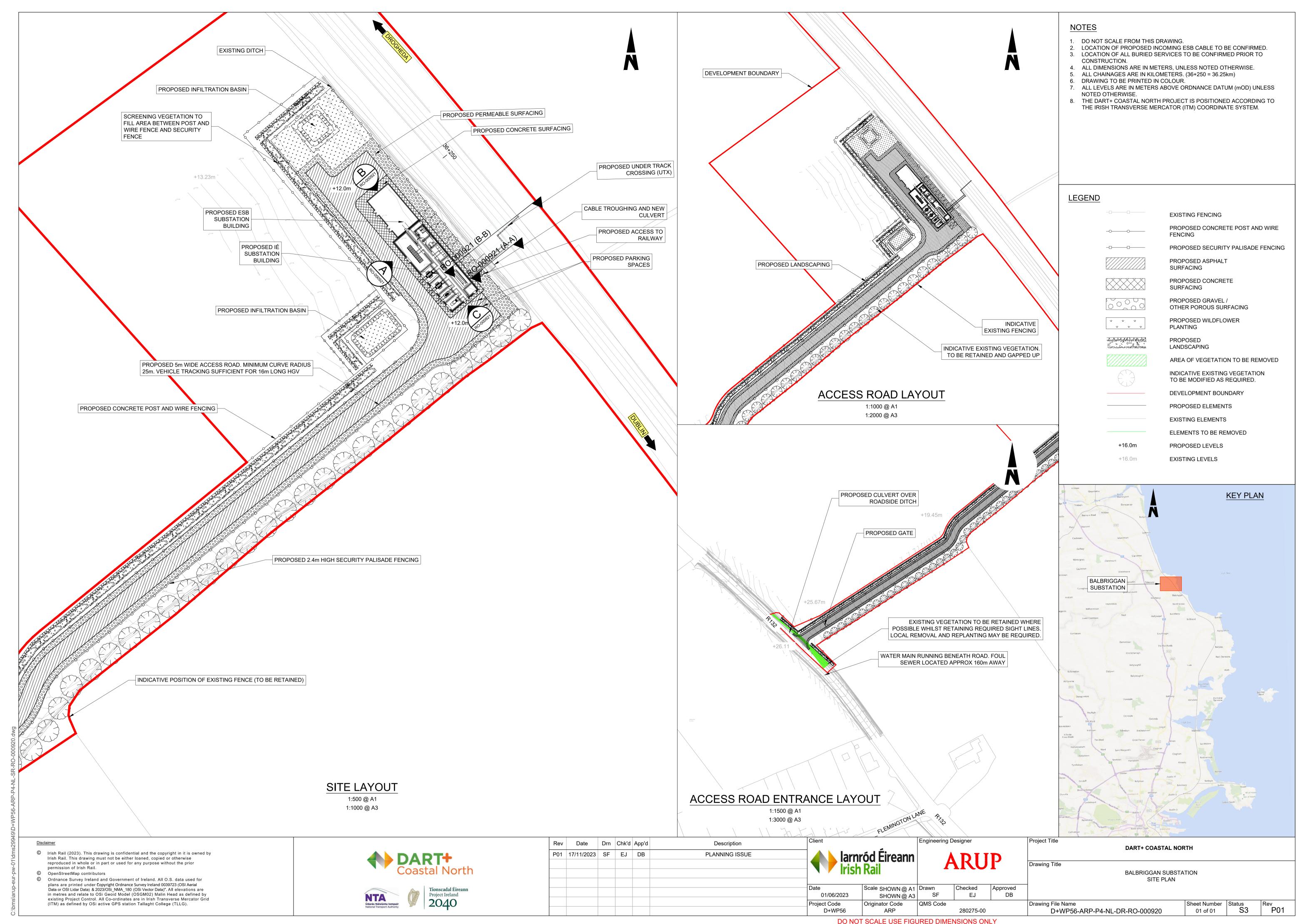
Project Title DART+ COASTAL NORTH Drawing Title OBB 55 R127 BALBRIGGAN PARAPET MODIFICATIONS GENERAL ARRANGEMENT Sheet Number | Status D+WP56-ARP-P4-NL-DR-RO-000913 S3 01 of 01

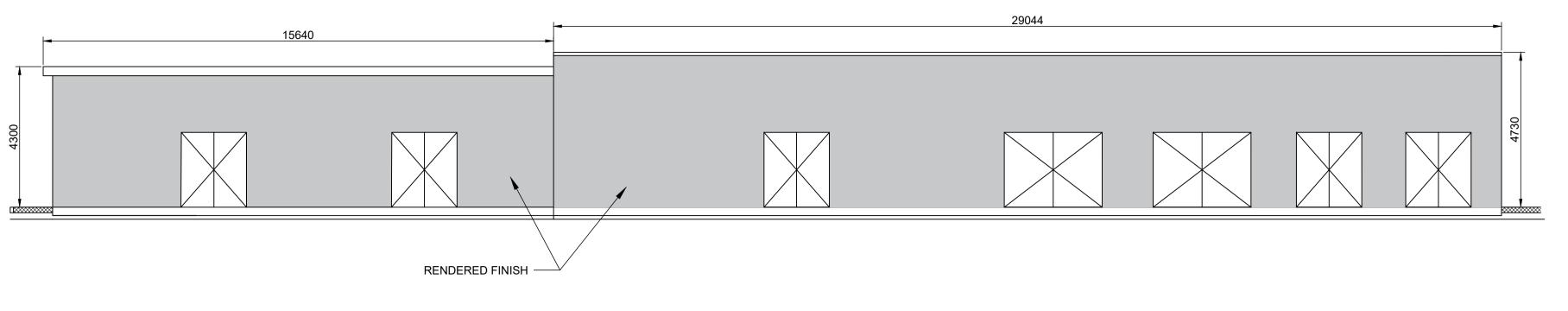
**KEY PLAN** 





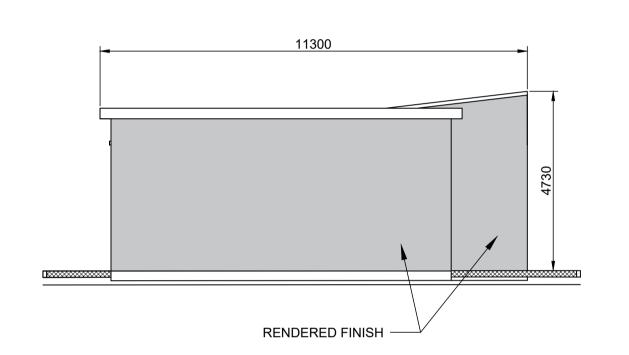
SUBSTATION



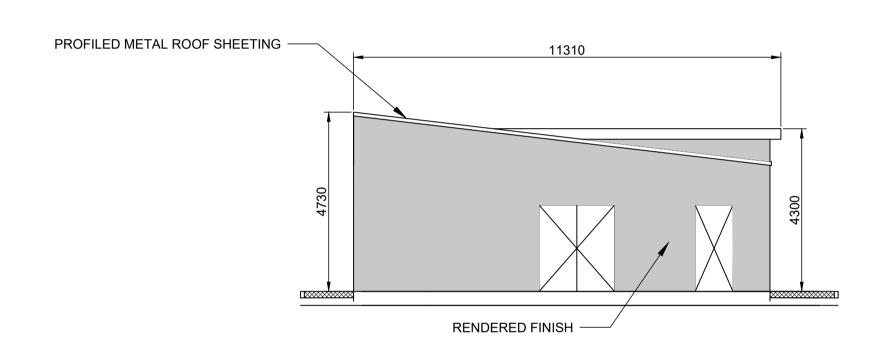


# **ELEVATION A**

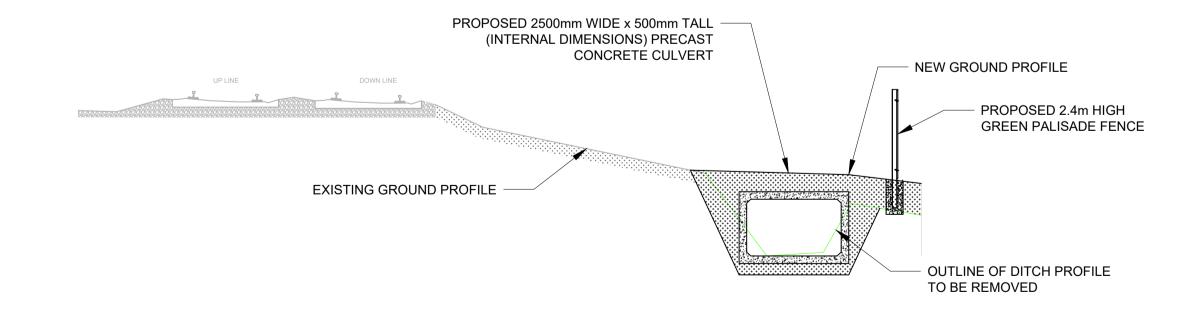
1:100 @ A1 1:200 @ A3



### **ELEVATION B** 1:100 @ A1 1:200 @ A3

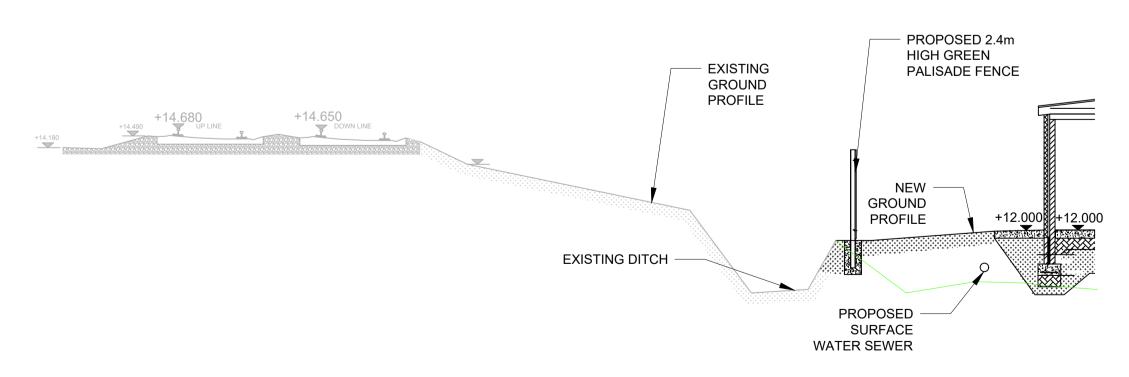


### **ELEVATION C** 1:100 @ A1 1:200 @ A3



# **CROSS-SECTION A-A**

1:200 @ A3



## **CROSS-SECTION B-B**

1:100 @ A1 1:200 @ A3

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(ITM) as defined by OSi active GPS station Tallaght College (TLLG).



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Rev	Date	Drn	Chk'd	App'd	Description	Client
P01	17/11/2023	SF	EJ	DB	PLANNING ISSUE	
						Date
						01/06/2
						Project Code
						D . \ \ / E



Project Title **DART+ COASTAL NORTH** Drawing Title BALBRIGGAN SUBSTATION SECTIONS AND ELEVATIONS

NOTES

**LEGEND** 

OTHERWISE.

CONSTRUCTION.

DO NOT SCALE FROM THIS DRAWING.

UNLESS NOTED OTHERWISE.

2. ALL MEASUREMENTS ARE IN MILLIMETERS UNLESS NOTED

3. ALL LEVELS ARE METERS ABOVE ORDNANCE DATUM (mOD)

4. THE DART+ COASTAL NORTH PROJECT IS POSITIONED ACCORDING TO THE IRISH TRANSVERSE MERCATOR (ITM) COORDINATE

5. LOCATION OF ALL BURIED SERVICES TO BE CONFIRMED PRIOR TO

EXISTING ELEMENTS

PROPOSED ELEMENTS

ELEMENTS TO BE REMOVED

Drawing File Name Sheet Number | Status D+WP56-ARP-P4-NL-DR-RO-000921 01 of 01

S3

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