

CURRENT STATE. ELEVATION  
SCALE: 1:100

REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	EAC	ACJ	CCH

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 Survey No: 6039720 (OS Aerial Data or OS Lidar Data) & Survey No: 2020/051\_NMA\_180 (OS Vector Data).  
 All elevations are in metres and relate to OSi Geoid Model (OSGM02). Main 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 (TLG9).

Client

Consultant

Project

Drawing Title

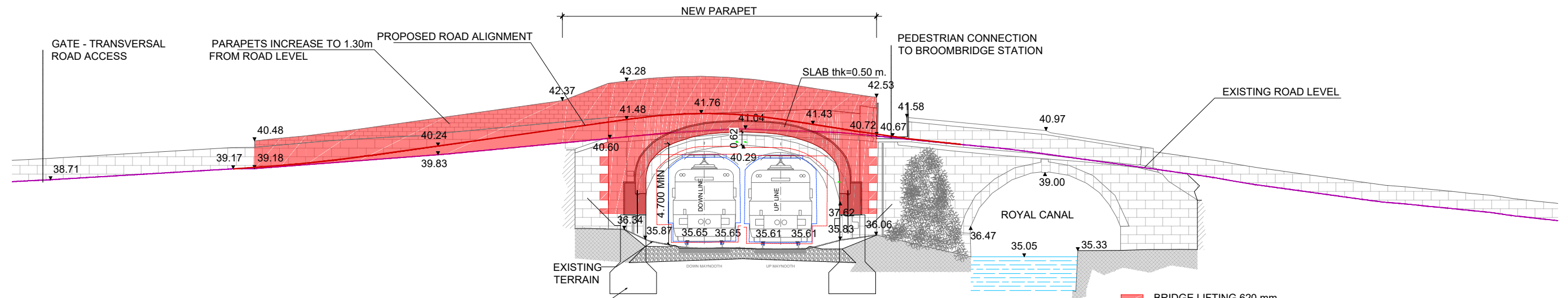
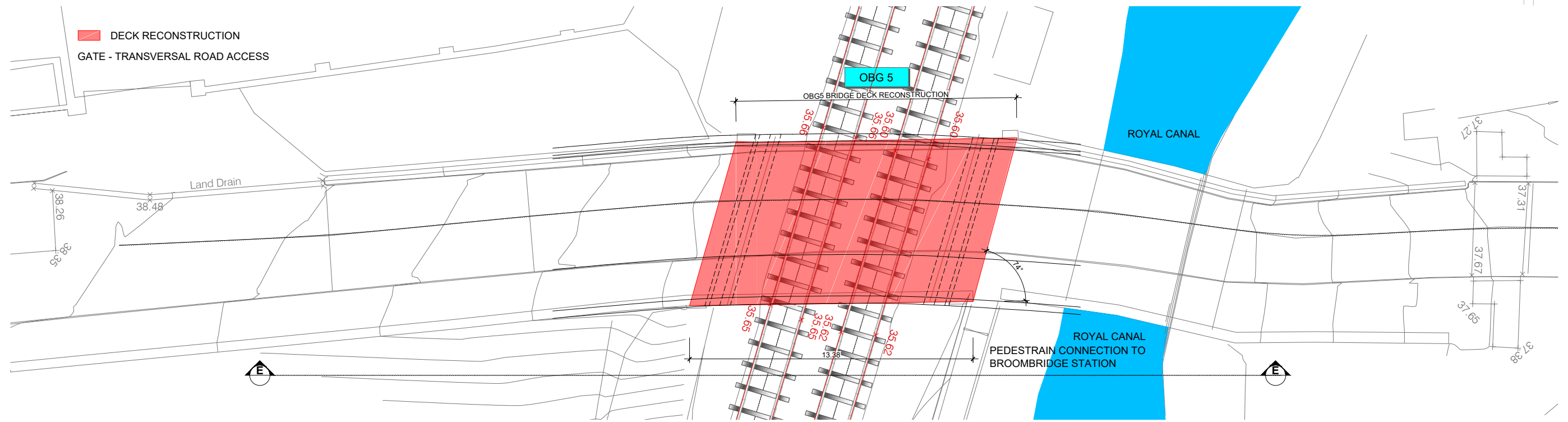
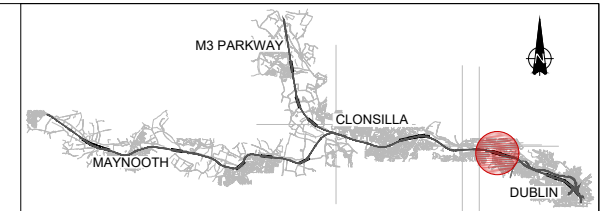
STRUCTURE DESIGN  
OBG5. BRIDGE DECK RECONSTRUCTION  
CURRENT STATE

Scale:  
1:1000 @ A1 1:2000 @ A3

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase

MAY MDC STR RS05 DR C 0002 D

Date: April 2022 Job No: P/101086 Status: F1-Approved & accepted Rev: V01 Sheet: 1 of 4



FINAL STATE. ELEVATION SCALE: 1:100

EXPECTED FOUNDATION GEOMETRY AND LEVEL TO BE PROVIDED ON RECEIPT OF GEOTECHNICAL INVESTIGATION REPORT

BRIDGE LIFTING 620 mm  
ROAD LEVEL LIFTING 670 mm  
TO REACH 4.4 m CONTACT WIRE HEIGHT BRINGING THE MESSENGER WIRE TO THE CONTACT WIRE LEVEL

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Client

Consultant

Project

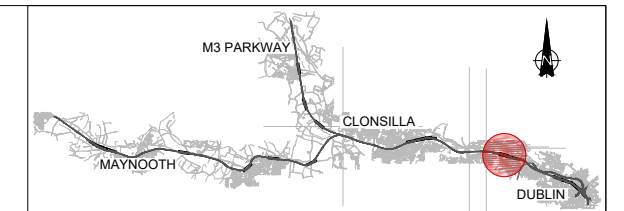
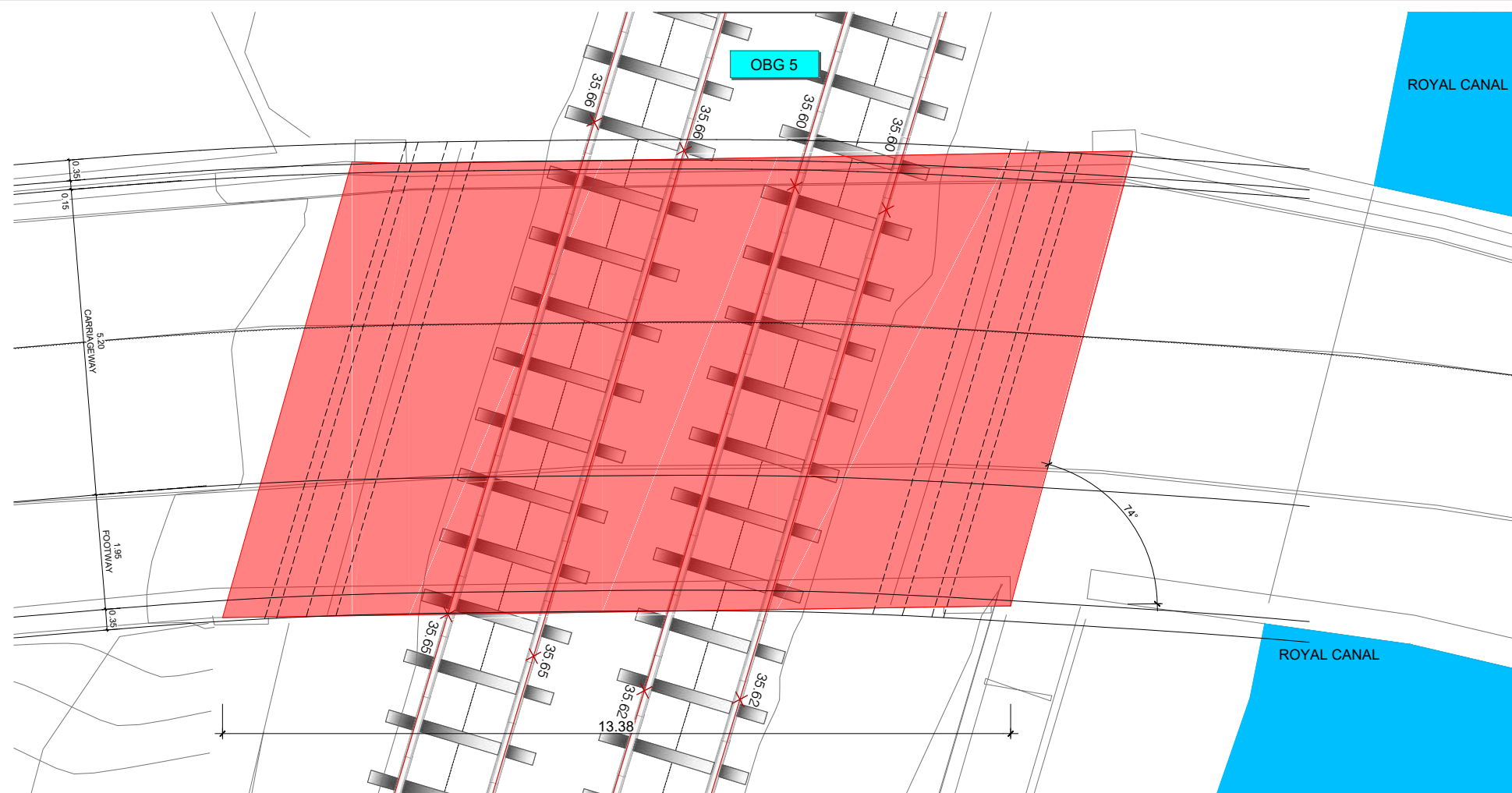
Drawing Title

STRUCTURE DESIGN  
OBG5. BRIDGE DECK RECONSTRUCTION  
FINAL STATE

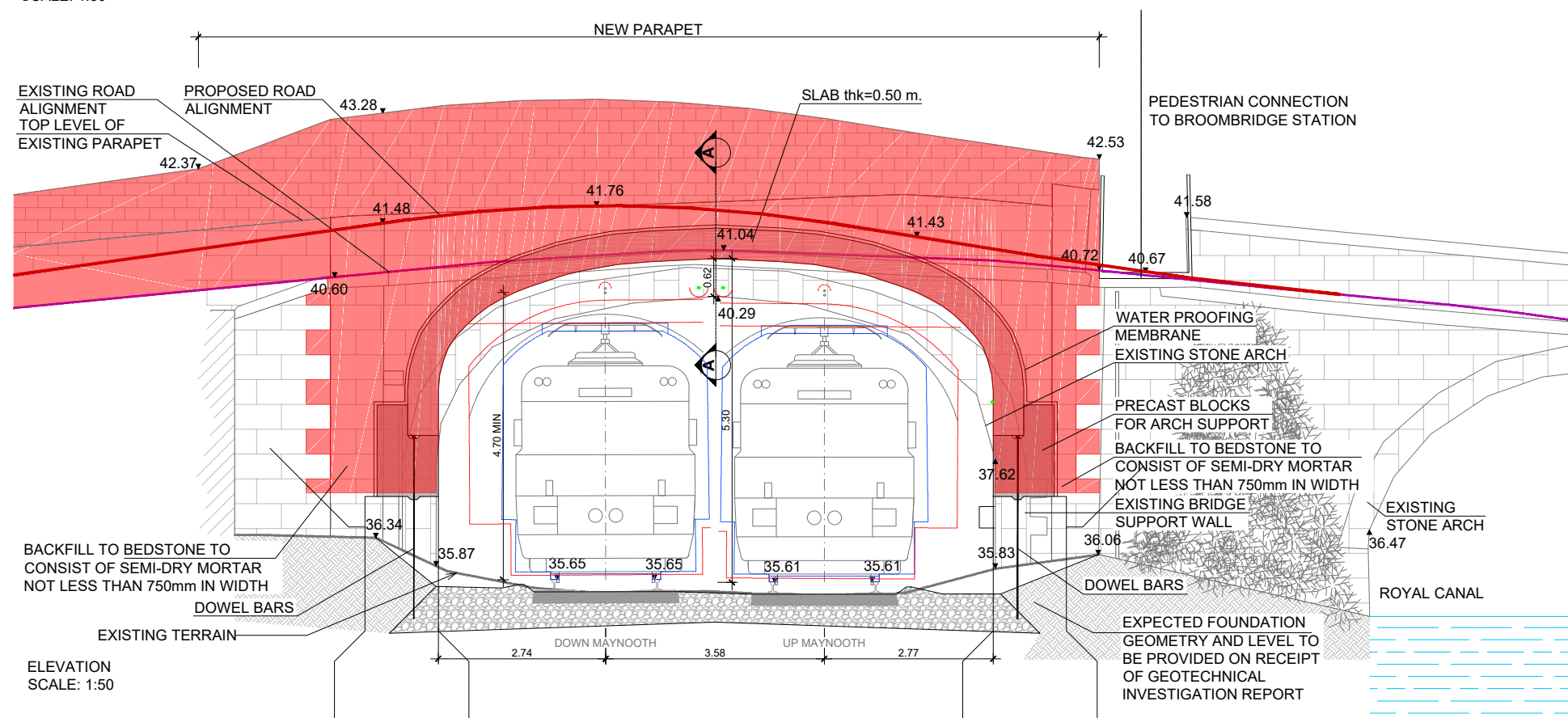
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1:1000 @ A1 1:2000 @ A3

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MAY MDC STR RS05 DR C 0002 D

Date: April 2022 Job No: P/101086 Status: F1-Approved & accepted Rev: V01 Sheet: 2 of 4



PLAN  
SCALE: 1:50



ELEVATION  
SCALE: 1:50

REV.	DATE	DESCRIPTION	EAC	ACJ	CCH
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Client

Tionscald Éireann  
Project Ireland  
2040

NTA  
Údarás Náisiúnta Iompartha  
National Transport Authority

lamróid Éireann  
Irish Rail

Consultant

IDOM

G3

PRODUCED BY REVIEWED BY APPROVED BY

Project

DART+  
West

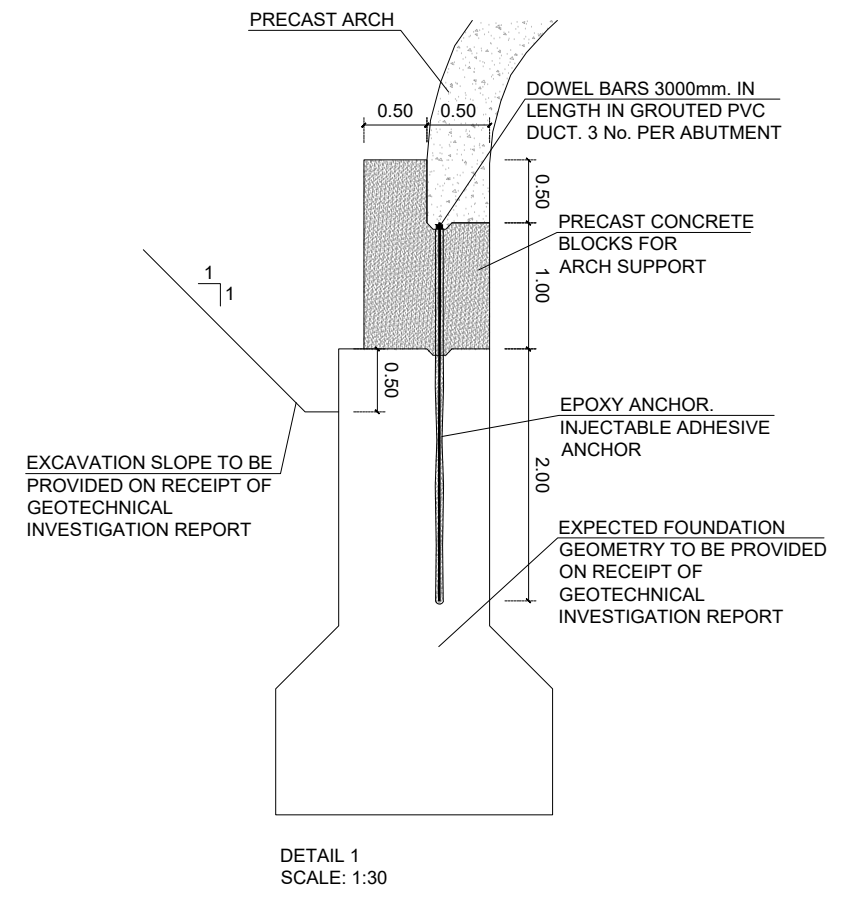
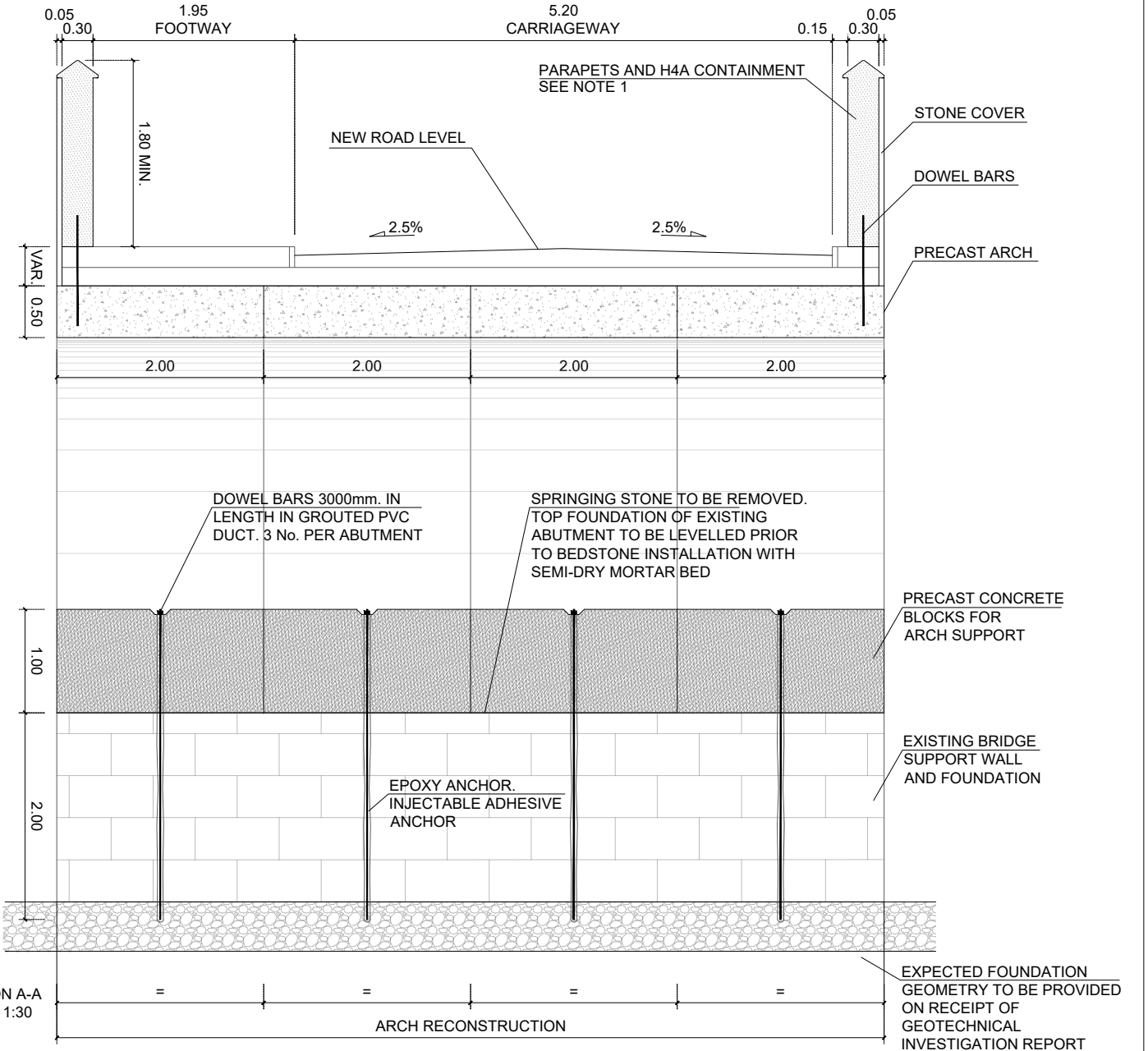
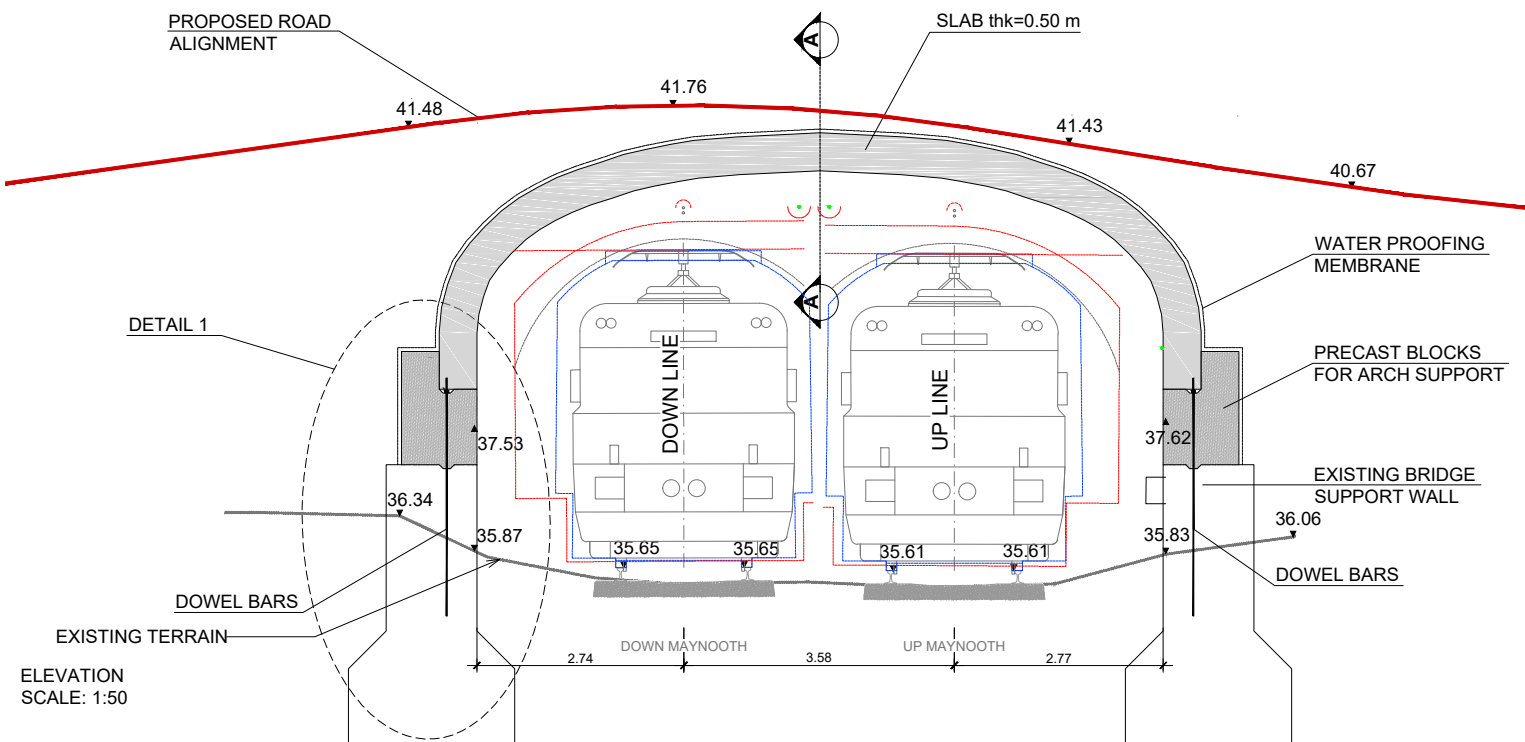
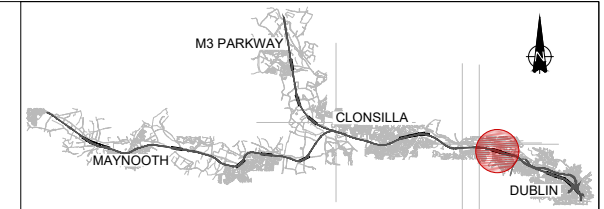
Drawing Title

STRUCTURE DESIGN  
OBG5. BRIDGE DECK RECONSTRUCTION  
FINAL STATE DETAIL

Scale:  
1:1000 @ A1 1:2000 @ A3

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase  
MAY MDC STR RS05 DR C 0002 D

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NOTE 1: THE PARAPET WILL BE REBUILT TO ITS EXISTING HEIGHT AND REFACED WITH ORIGINAL STONE, THEN THE REQUIRED INCREASE IN HEIGHT TO ACHIEVE THE 1.8M OVER THE RAILWAY WILL BE A CONTEMPORARY SOLUTION TO BE AGREED WITH THE CONSERVATION ARCHITECT

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Client

Consultant

Project

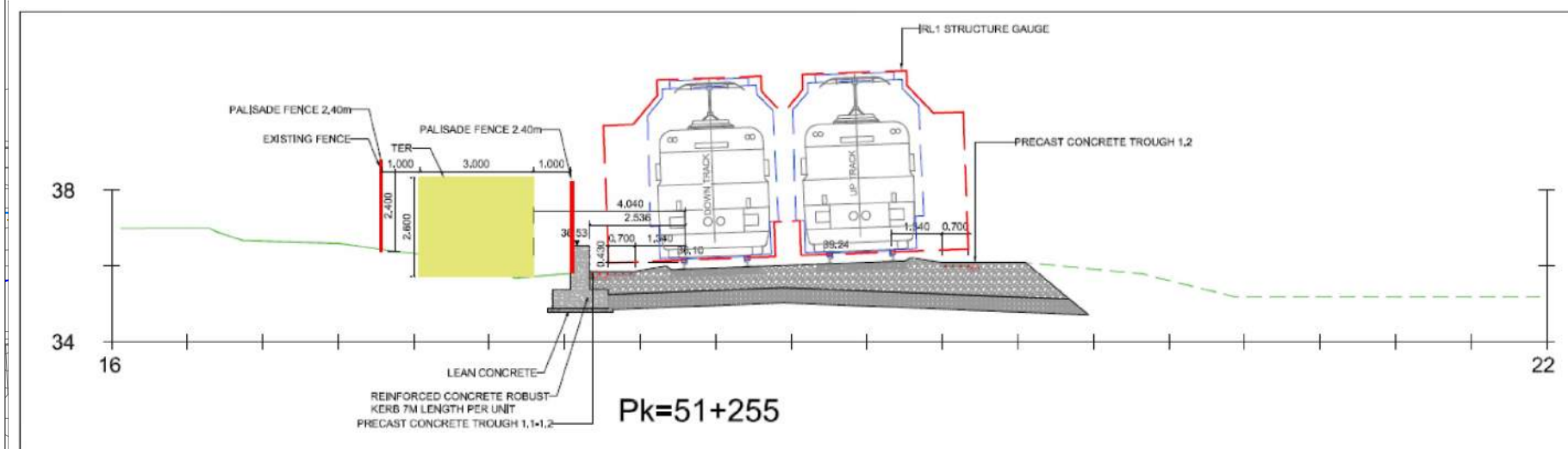
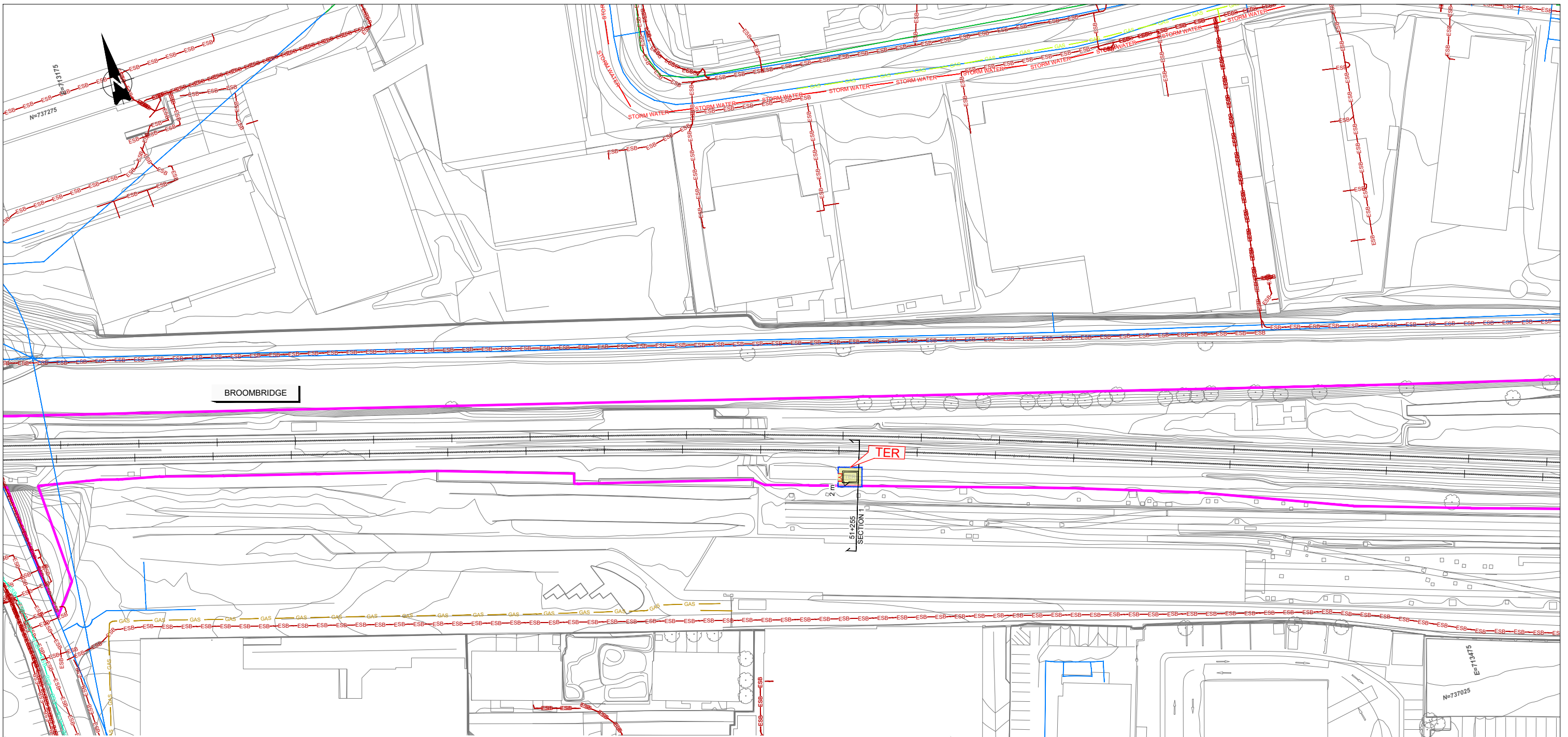
Drawing Title

STRUCTURE DESIGN  
 OBG5. BRIDGE DECK RECONSTRUCTION  
 STRUCTURAL DESIGN DETAIL

Scale: 1:1000 @ A1 1:2000 @ A3

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase  
 MAY MDC STR RS05 DR C 0002 D

Date: April 2022 Job No: P/101086 Status: F1-Approved & accepted Rev: V01 Sheet: 4 of 4



**Notes:**

- This drawing shows the following new SET buildings: TER.
- The TER will be protected by a robust kerb that complies with Section 5.2.17.1 of CCE-TMS-410, Version 1.1 – Civil Engineering Structures Design Standard

**LEGEND**

ESB - MV/LV Underground	Industrial Sewage Network	Asphalt	SUBSTATION
ESB - HV Overhead	Water Supply Network	Sidewalk	10kV MV
ESB - MV Overhead	Storm water	Landscape planting	ESB
ESB - LV Overhead	EIR	Palisade fence 2.65 m	SEB
Watermain	Network diversion	Palisade fence 2.40 m	PSP
Gravity network	IE Property Line		TER
Virgin (NTL - UPC)			ASP
Gas Network (4 bar)			DNO

V01	April 2022	PLANNING ISSUE	MCG	MPT	CCS
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Client

Tionscadal Éireann Project Ireland 2040

NTA Dúdaire Náisiúnta Iompartha National Transport Authority

Iarnród Éireann Irish Rail

Consultant

IDOM

G3

IRIOD

Project

DART+ West

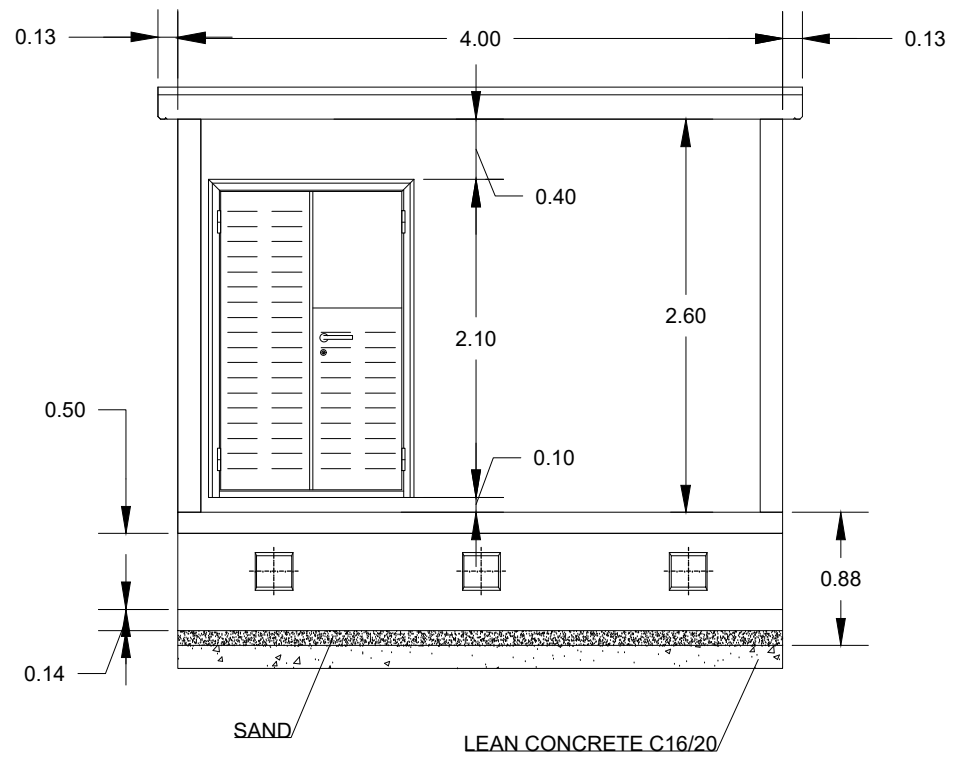
Drawing Title

SET TECHNICAL BUILDINGS BROOMBRIDGE

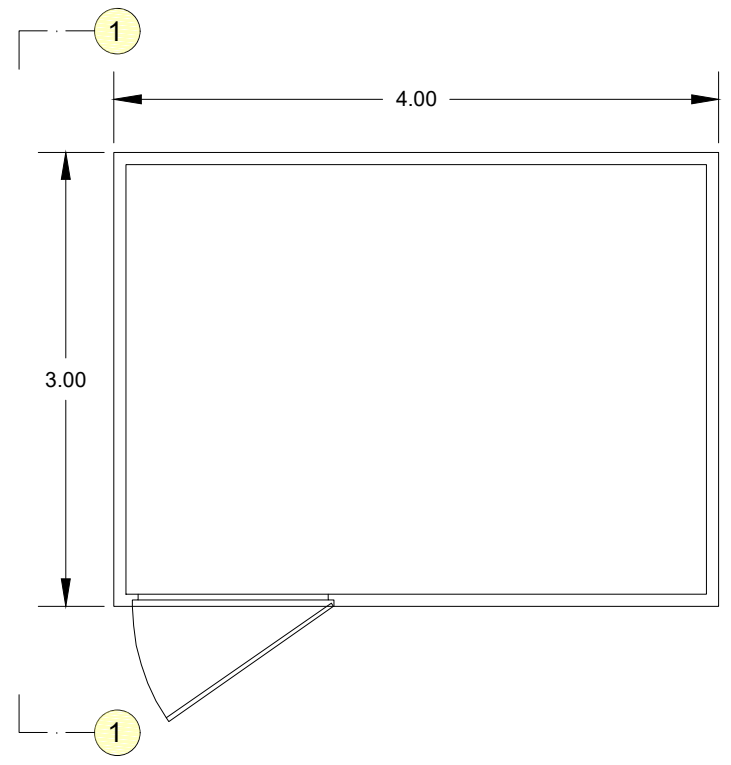
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Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase  
 MAY MDC SET RS05 DR Z 0003 D

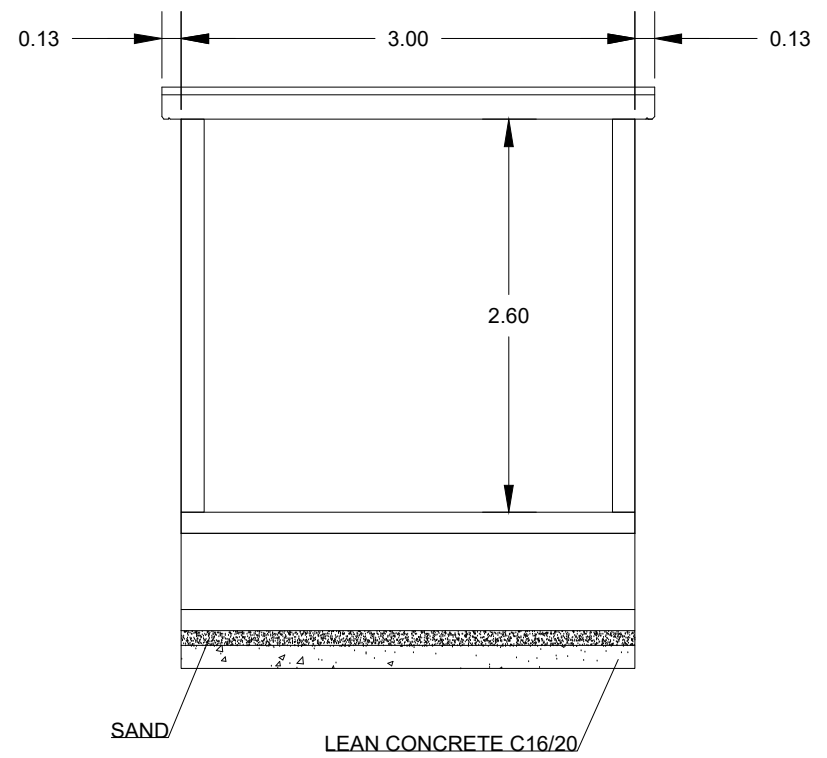
Date: April 2022 | Job No: P/101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 01 of 01



FRONT VIEW



PLANT VIEW



VIEW 1'-1'

TER BUILDING

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Client

Consultant

Project

Drawing Title

SET TECHNICAL BUILDINGS  
BROOMBRIDGE BUILDINGS DETAIL

Scale: 1:20@ A3

Date:	Job No:	Status:	Rev:	Sheet:
April 2022	P/101086	F1-Approved & accepted	V01	01 of 01

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase  
MAY MDC SET RS05 DR Z 0010 D