

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

Client

Consultant

Project

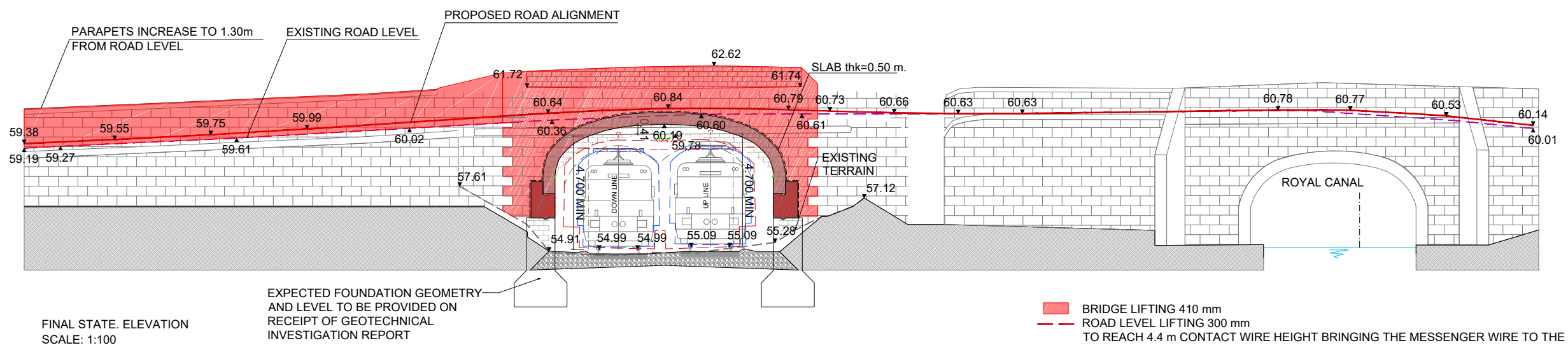
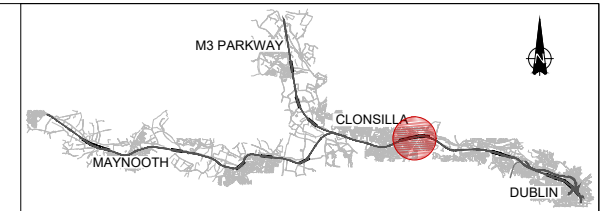
Drawing Title

STRUCTURE DESIGN
OBG11. 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 RS09 DR C 0002 D

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



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Client

Consultant

Project

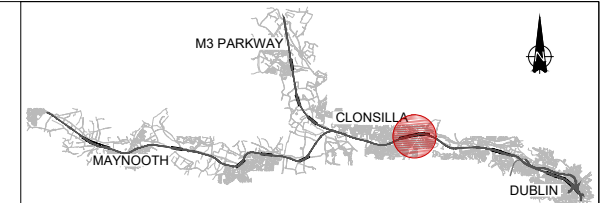
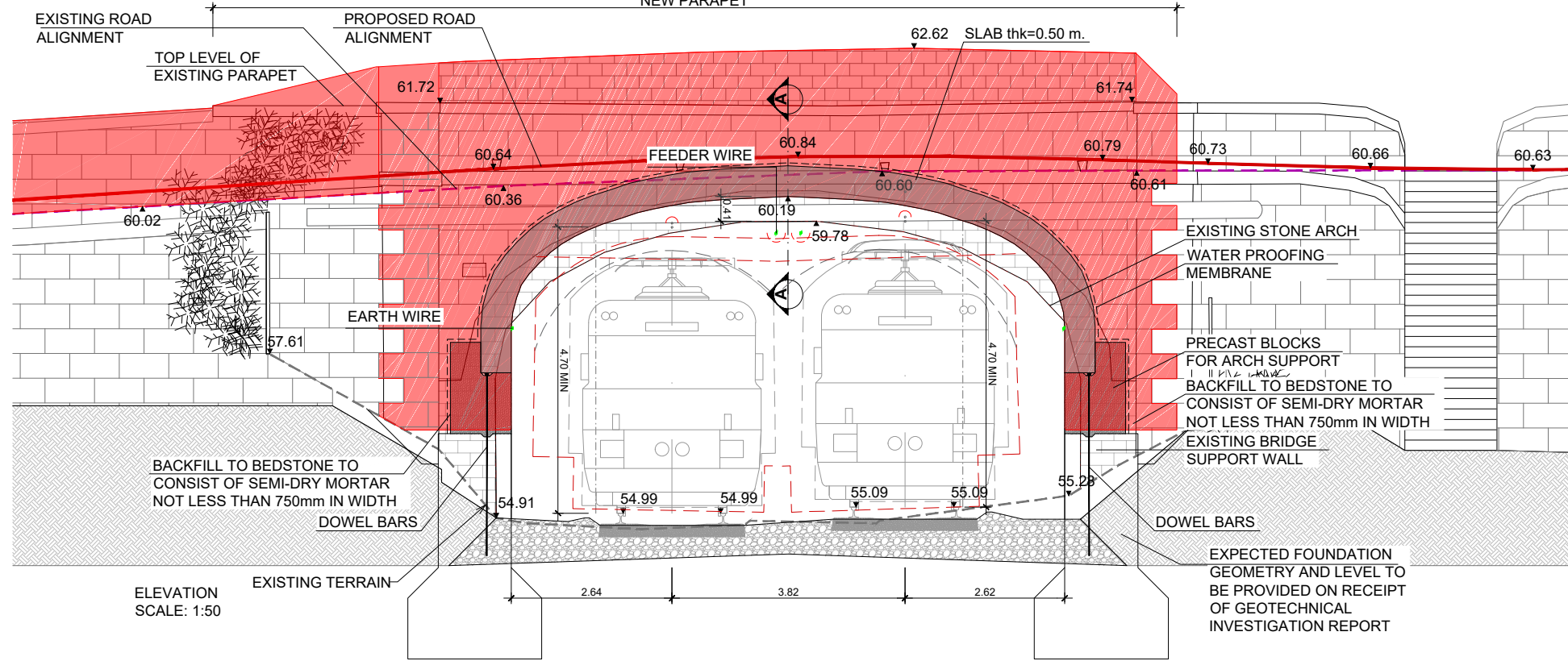
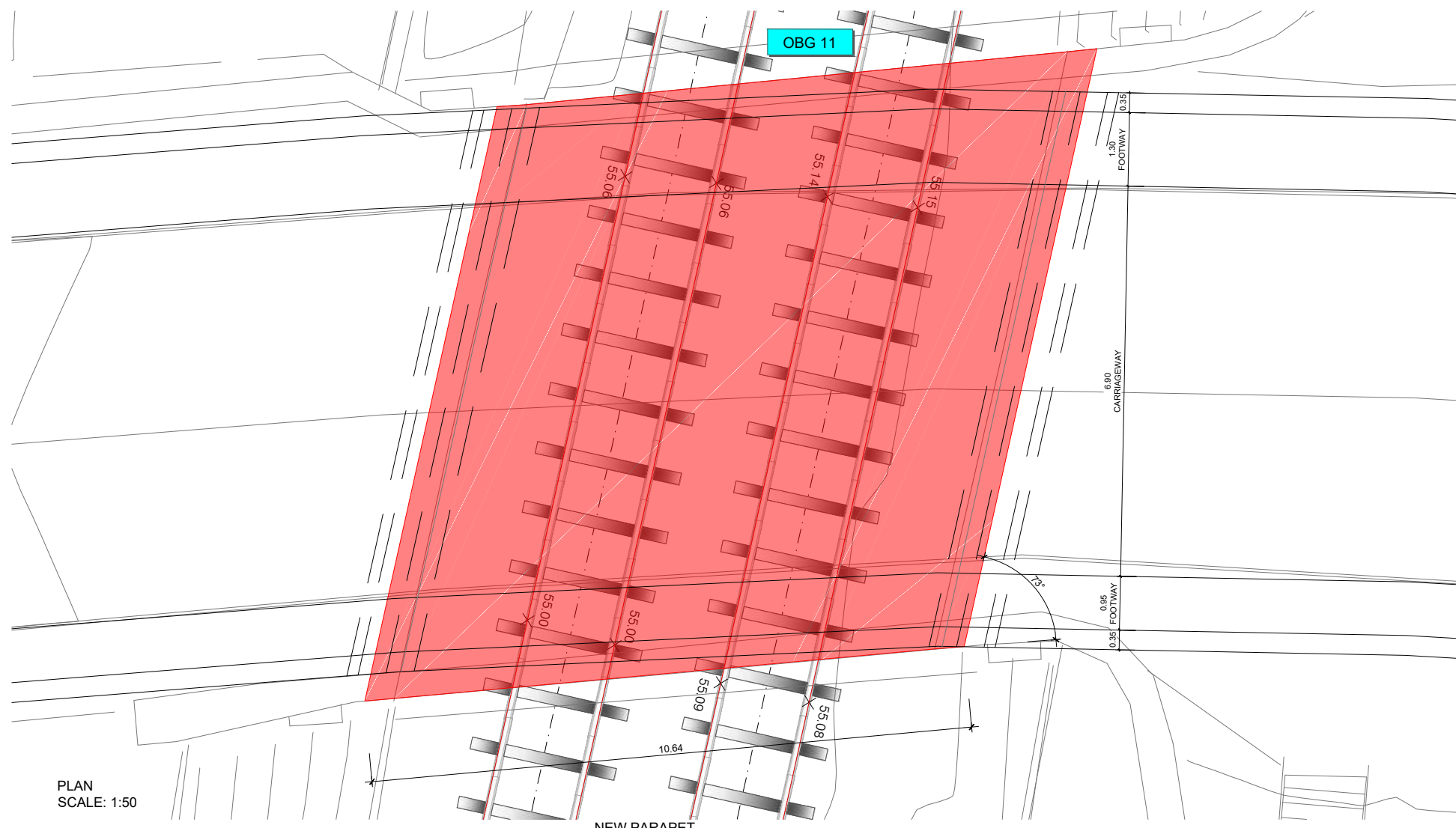
Drawing Title

**STRUCTURE DESIGN
 OBG11. BRIDGE DECK RECONSTRUCTION
 FINAL STATE**

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

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
 MAY MDC STR RS09 DR C 0002 D

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



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Client

Consultant

Project

Drawing Title

STRUCTURE DESIGN
OBG11. BRIDGE DECK RECONSTRUCTION
FINAL STATE DETAIL

Scale:

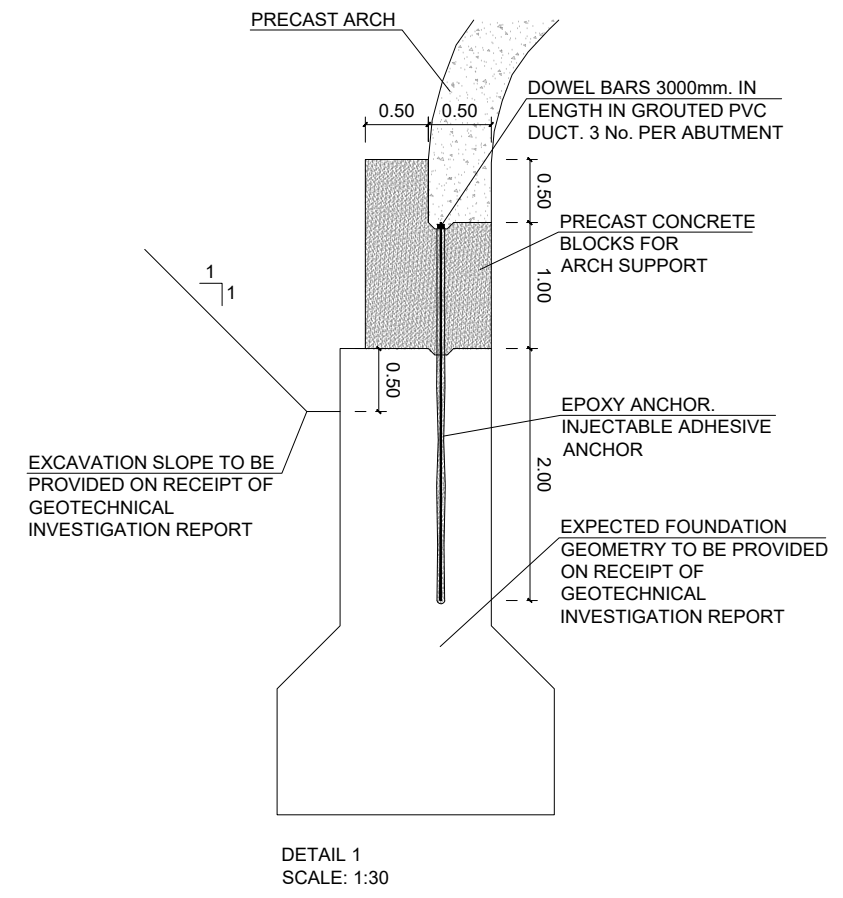
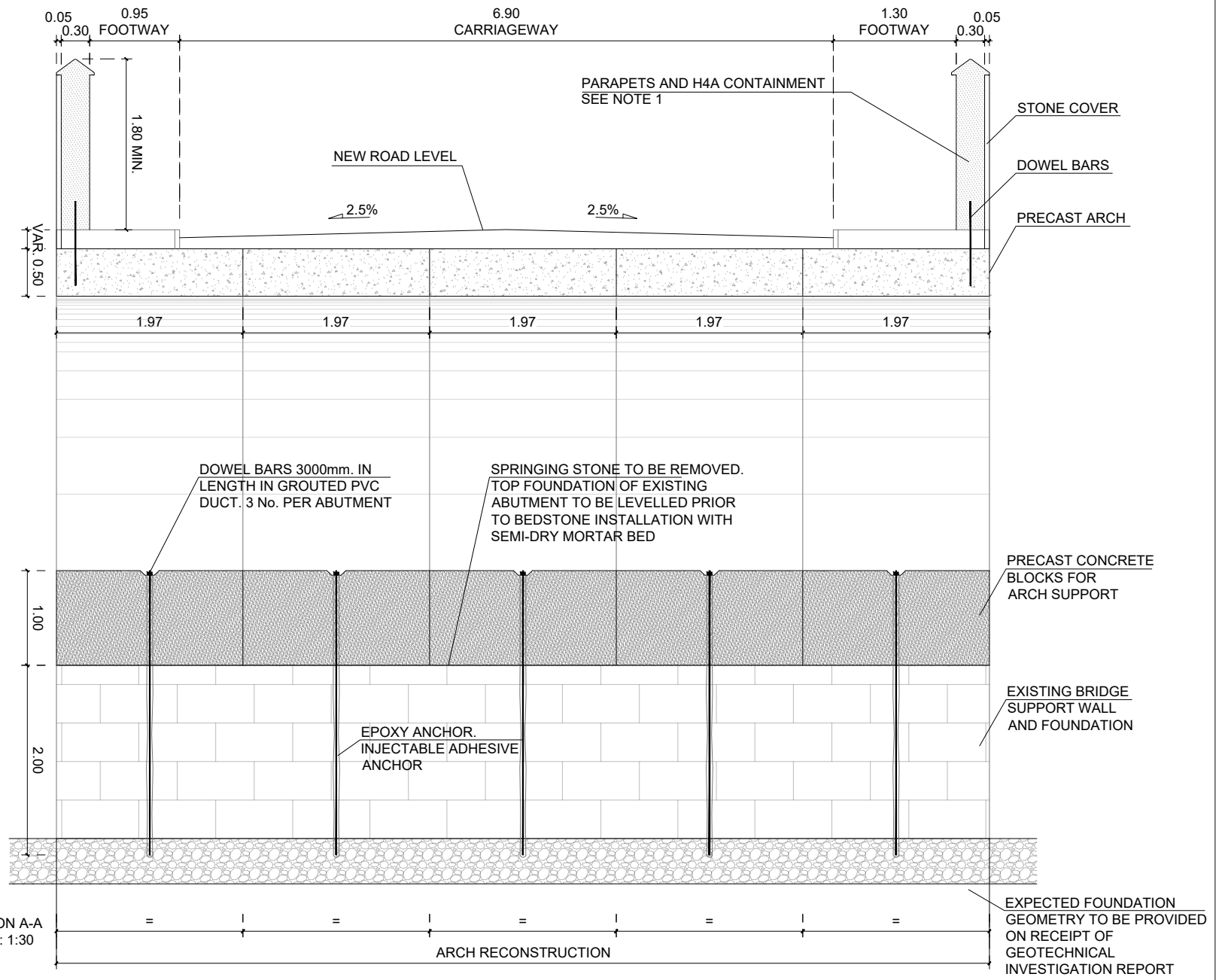
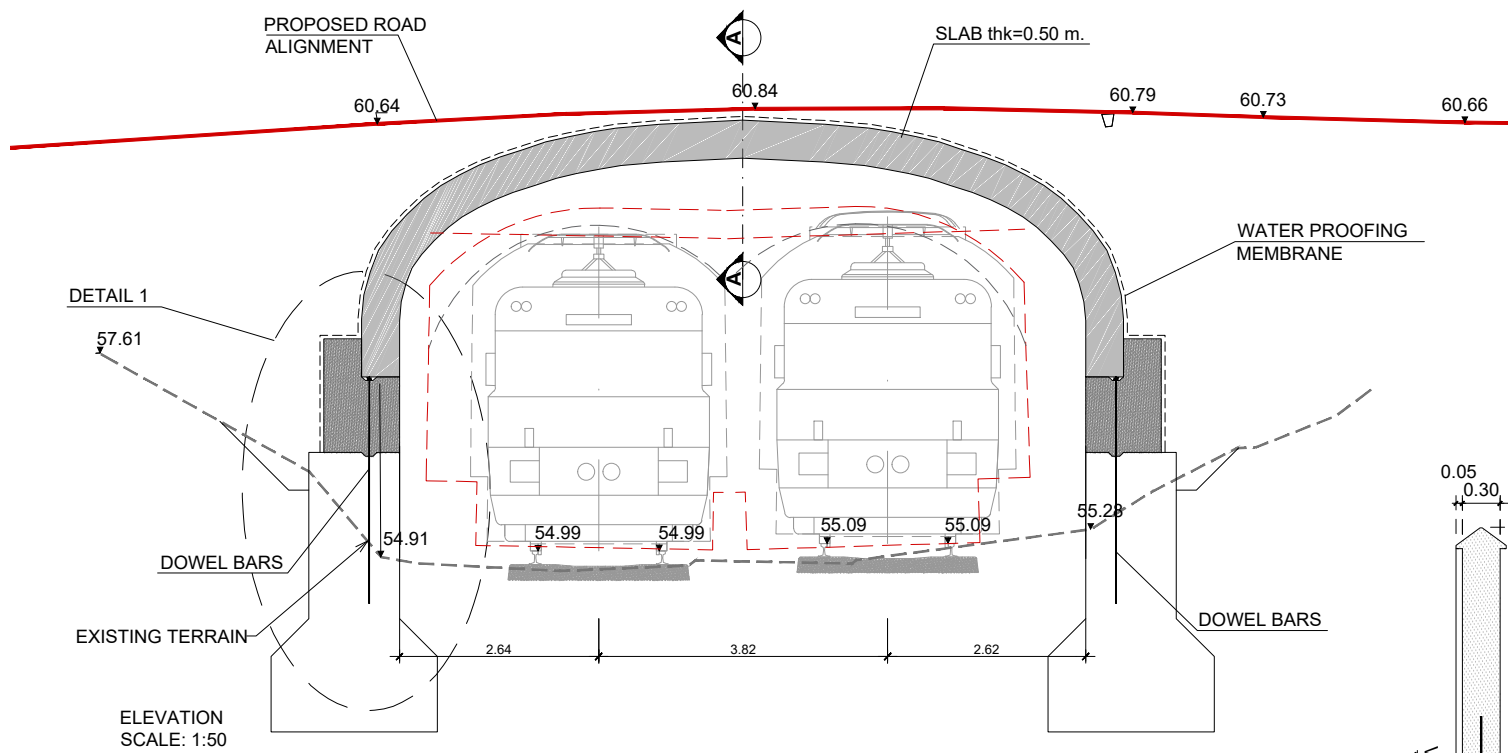
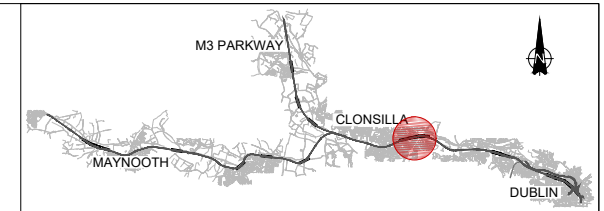
1:1000 @ A1 1:2000 @ A3

INDICATED

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

MAY MDC STR RS09 DR C 0002 D

Date: April 2022 Job No: P/101086 Status: F1-Approved & accepted Rev: V01 Sheet: 3 of 4



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

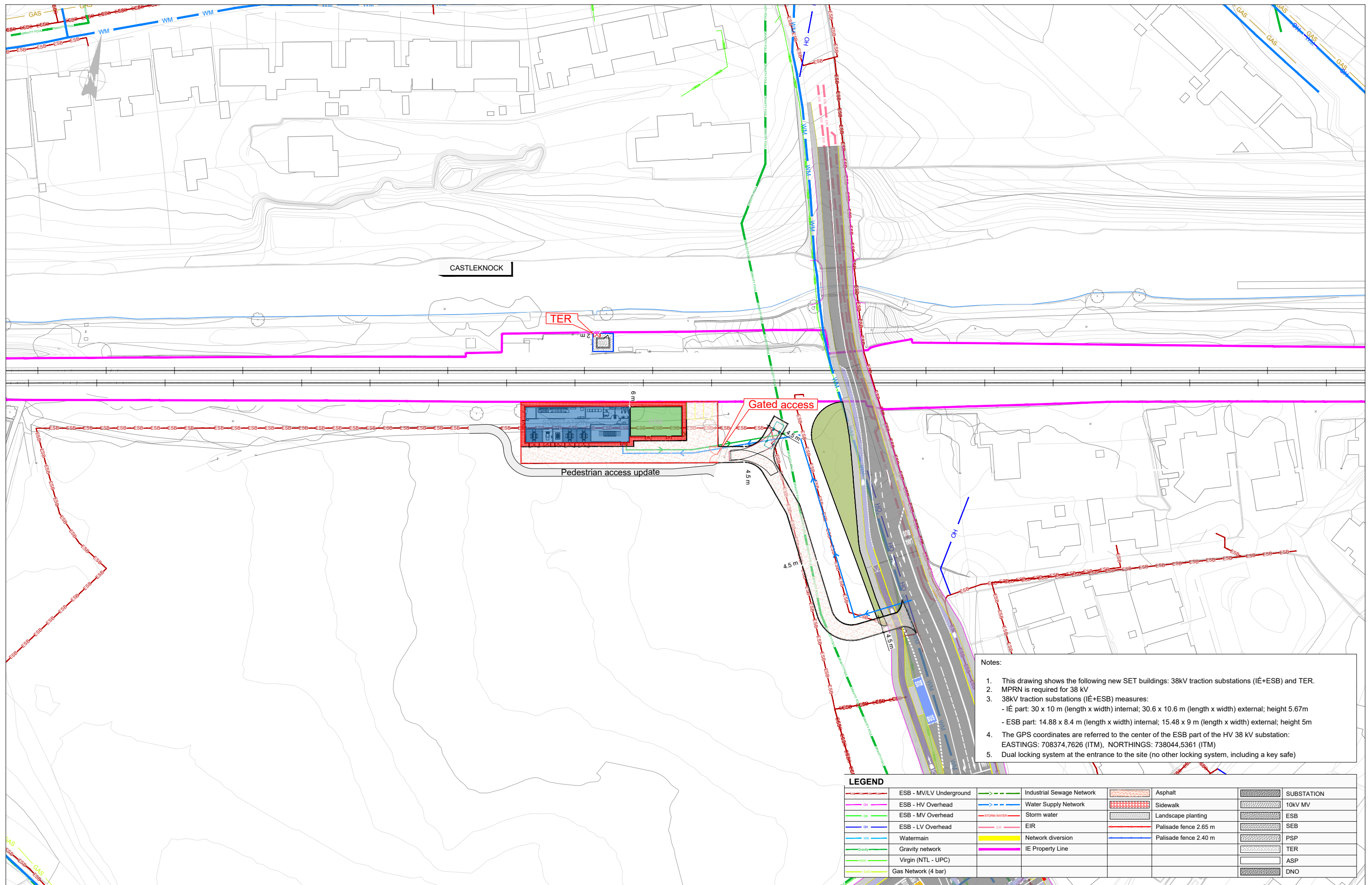
Drawing Title

STRUCTURE DESIGN
 OBG11. 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 RS09 DR C 0002 D

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



- Notes:**
1. This drawing shows the following new SET buildings: 38kV traction substations (IÉ+ESB) and TER.
 2. MPRN is required for 38 kV
 3. 38kV traction substations (IÉ+ESB) measures:
 - IÉ part: 30 x 10 m (length x width) internal; 30.6 x 10.6 m (length x width) external; height 5.67m
 - ESB part: 14.88 x 8.4 m (length x width) internal; 15.48 x 9 m (length x width) external; height 5m
 4. The GPS coordinates are referred to the center of the ESB part of the HV 38 kV substation:
 EASTINGS: 708374,7626 (ITM), NORTHINGS: 738044,5361 (ITM)
 5. Dual locking system at the entrance to the site (no other locking system, including a key safe)

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

V01	April 2022	PLANNING ISSUE	MCG	MPT	CCS
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Client

Tionscatal Éireann Project Ireland 2040

NTA Údairse Náisiúnta Iompartha National Transport Authority

lanróid Éireann Irish Rail

Consultant

IDOM

G3

IRÓD

Project

DART+ West

Drawing Title

SET TECHNICAL BUILDINGS CASTLEKNOCK

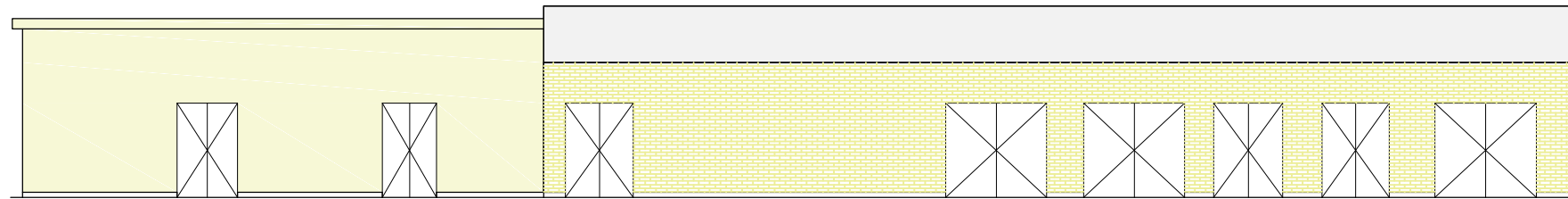
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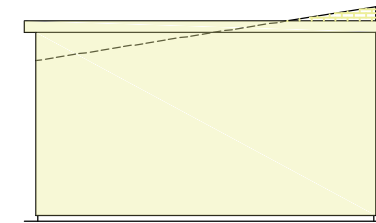
Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase

MAY MDC SET RS09 DR Z 0003 D

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

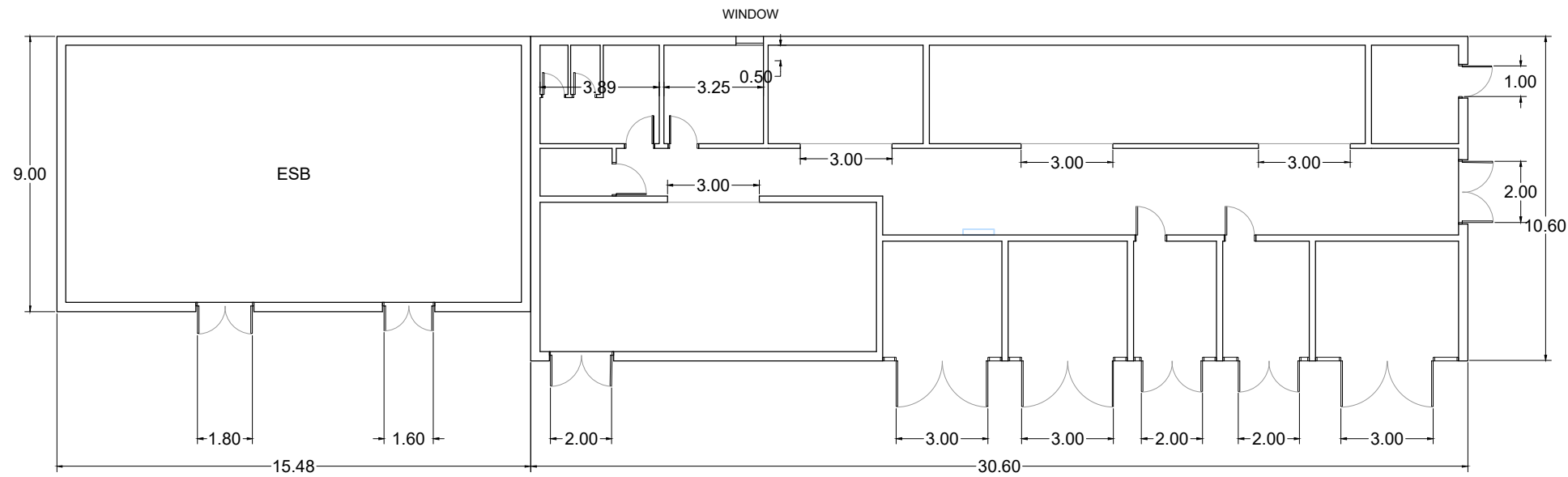


FRONT VIEW



VIEW 1-1'

1



PLAN VIEW

1'

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Client

Consultant

Project

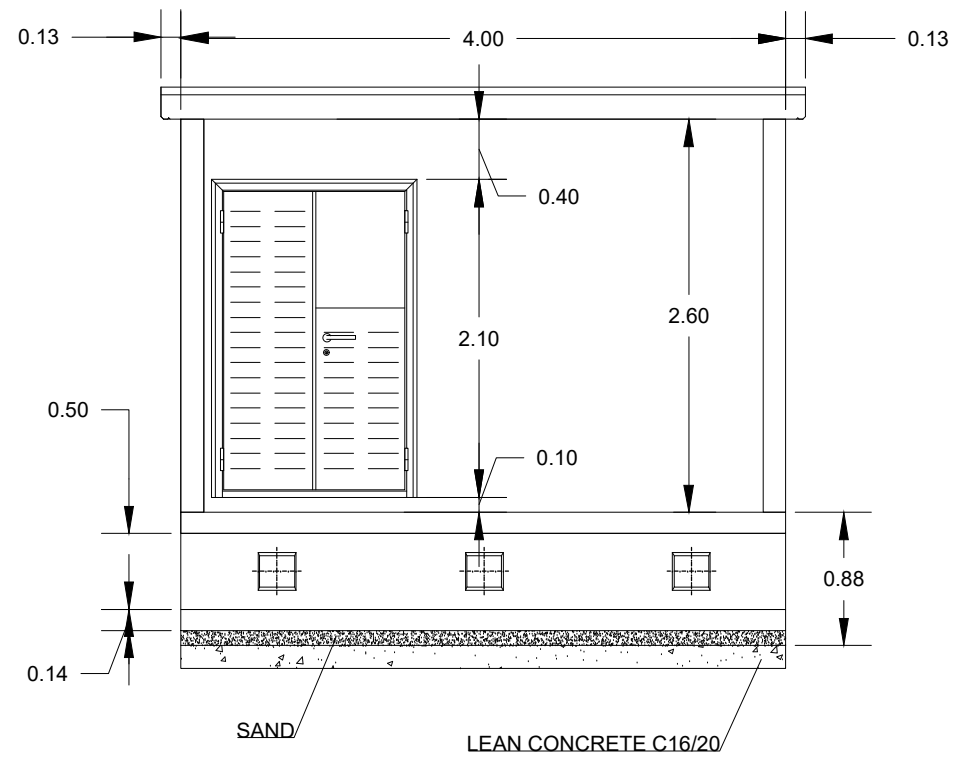
Drawing Title

SET TECHNICAL BUILDINGS
CASTLEKNOCK BUILDINGS DETAIL

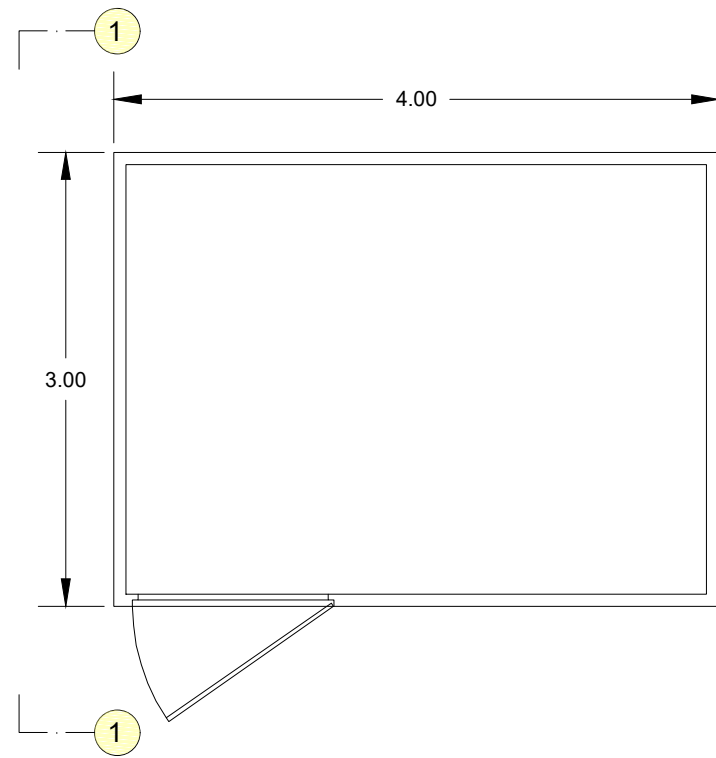
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Date:	Job No:	Status:	Rev:	Sheet:
April 2022	P/101086	F1-Approved & accepted	V01	01 of 02

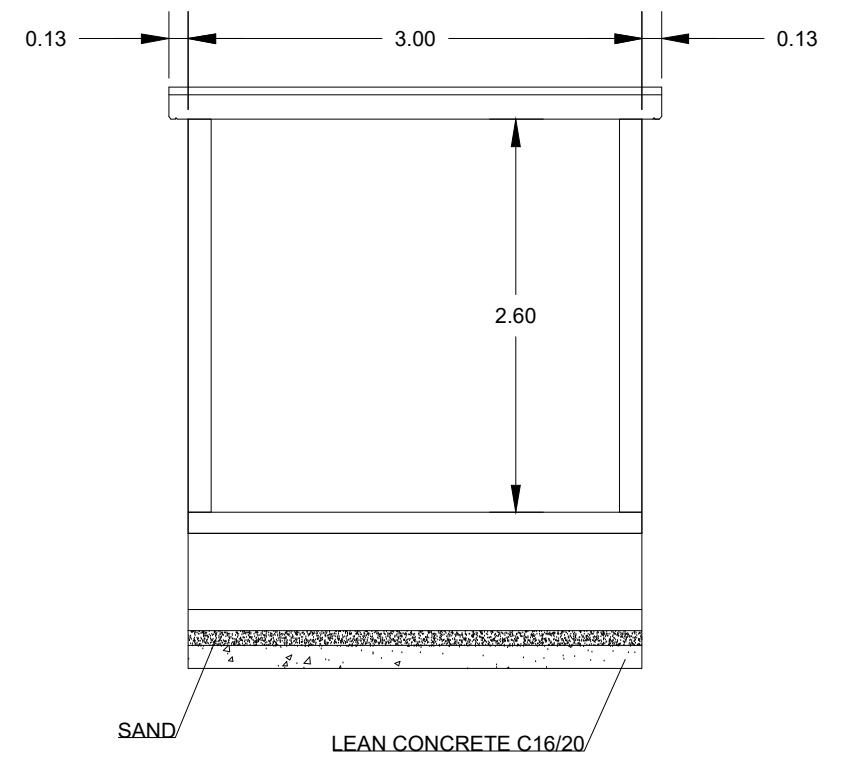
Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
 MAY MDC SET RS09 DR Z 0010 D



FRONT VIEW



PLANT VIEW



VIEW 1'-1'

TER BUILDING

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Client

Consultant

Project

Drawing Title

SET TECHNICAL BUILDINGS
CASTLENOCK BUILDINGS DETAIL

Scale: 1:20@ A3

Date:	Job No:	Status:	Rev:	Sheet:
April 2022	P/101086	F1-Approved & accepted	V01	02 of 02