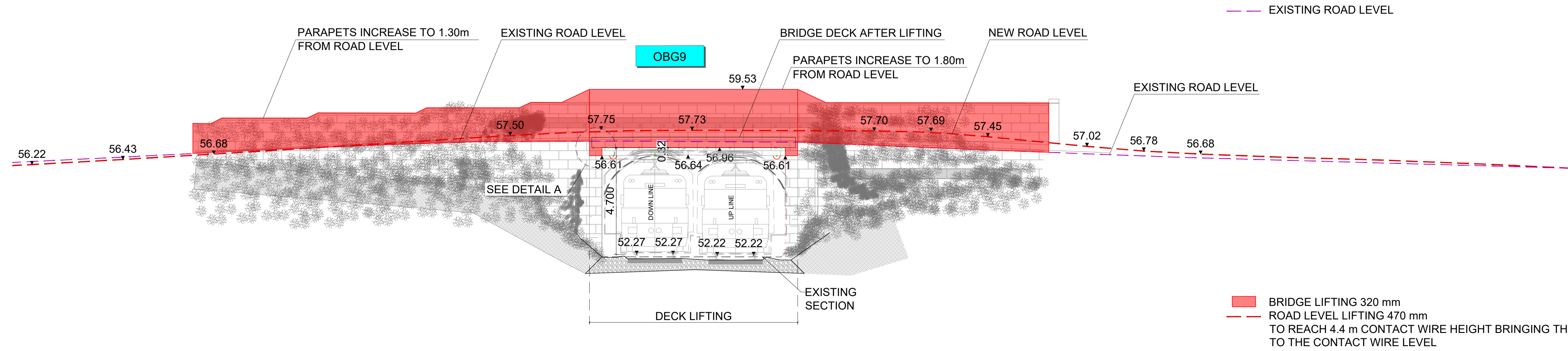
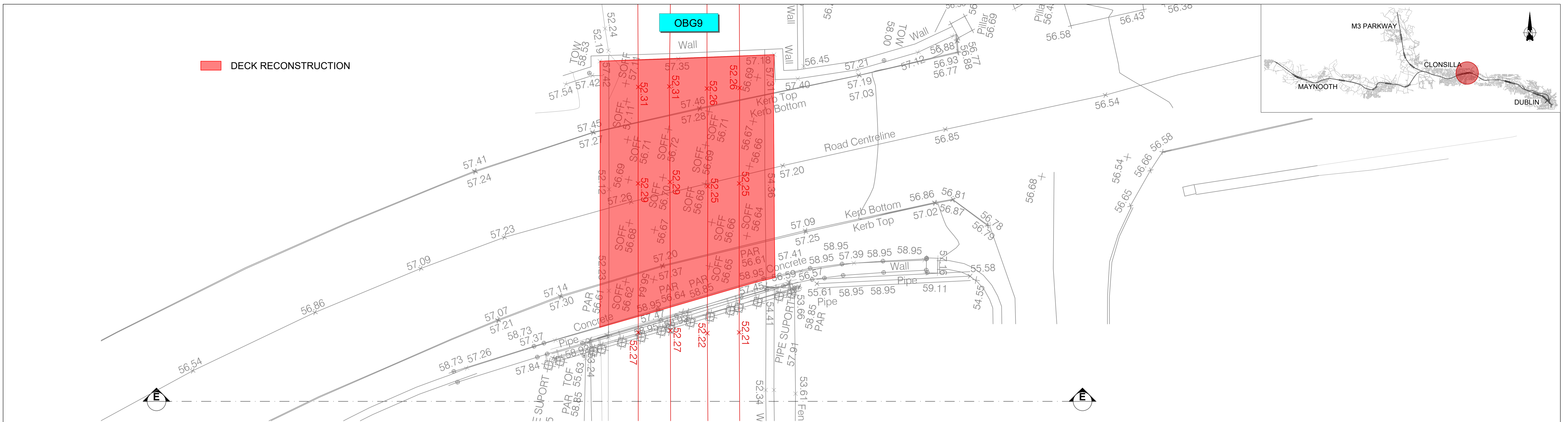


V01 May 2021 PUBLIC CONSULTATION REV. DATE DESCRIPTION			JBB ACJ CCH PRODUCED BY REVIEWED BY APPROVED BY			Client Tionscadal Éireann Project Ireland 2040 NTA Udaras Náisiúnta Iompair National Transport Authority Iarnród Éireann Irish Rail			Project DART+ West			Drawing Title STRUCTURE OBG9. BRIDGE DECK HEAVY LIFTING		
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█ BRIDGE LIFTING 320 mm
- - - ROAD LEVEL LIFTING 470 mm
 TO REACH 4.4 m CONTACT WIRE HEIGHT BRINGING THE MESSENGER WIRE TO THE CONTACT WIRE LEVEL

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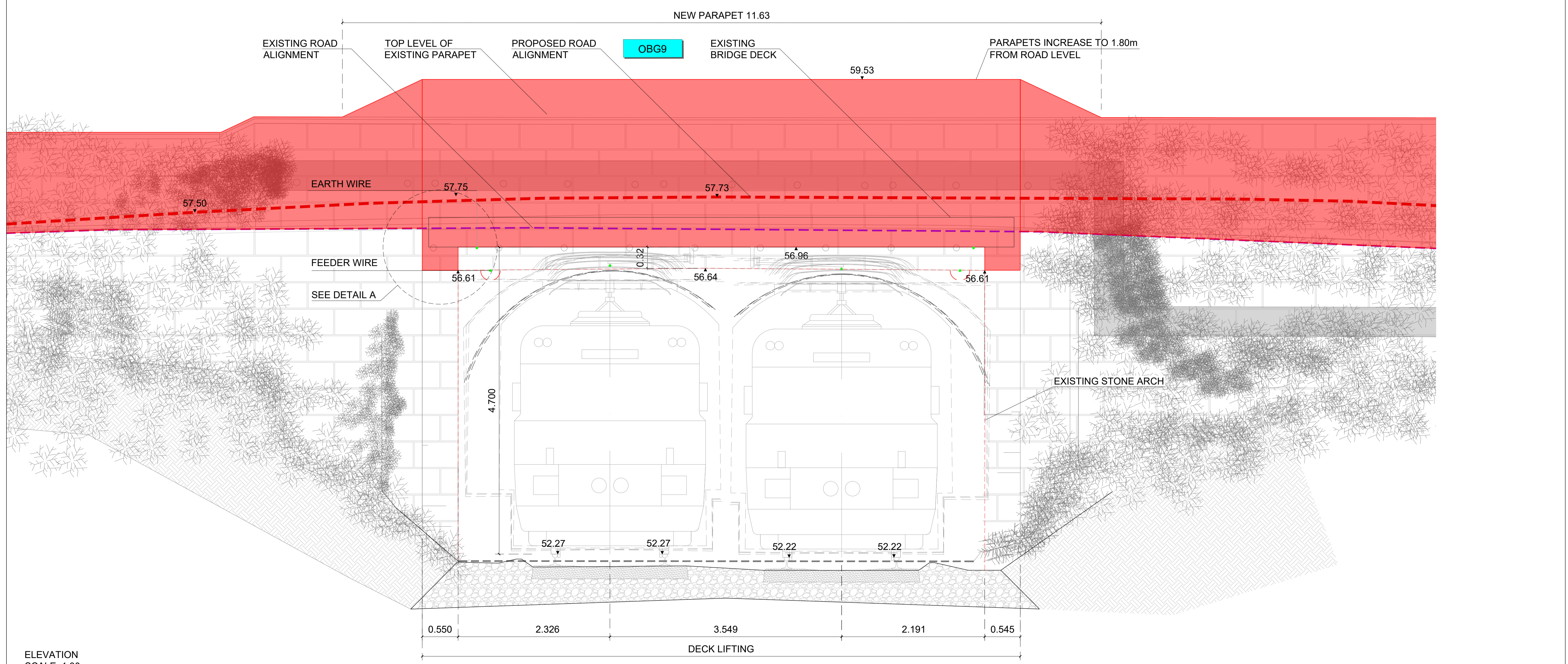
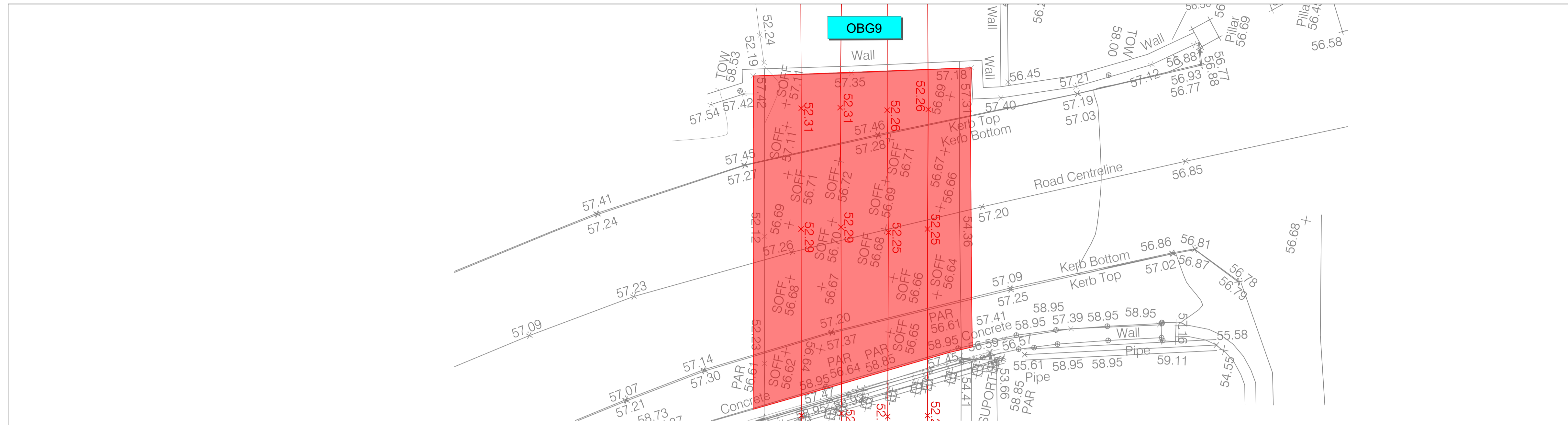
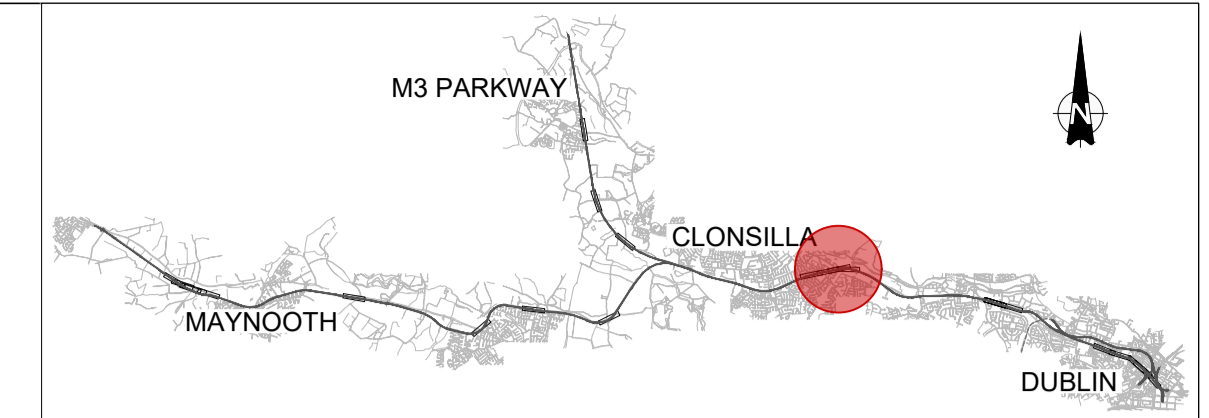
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STRUCTURE
OBG9. BRIDGE DECK HEAVY LIFTING

Scale: 1:100 @ A1

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
MAY	MDC	STR	RS08	DR	C	0001	B	

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ELEVATION
SCALE: 1:30

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Client

Consultant

Project

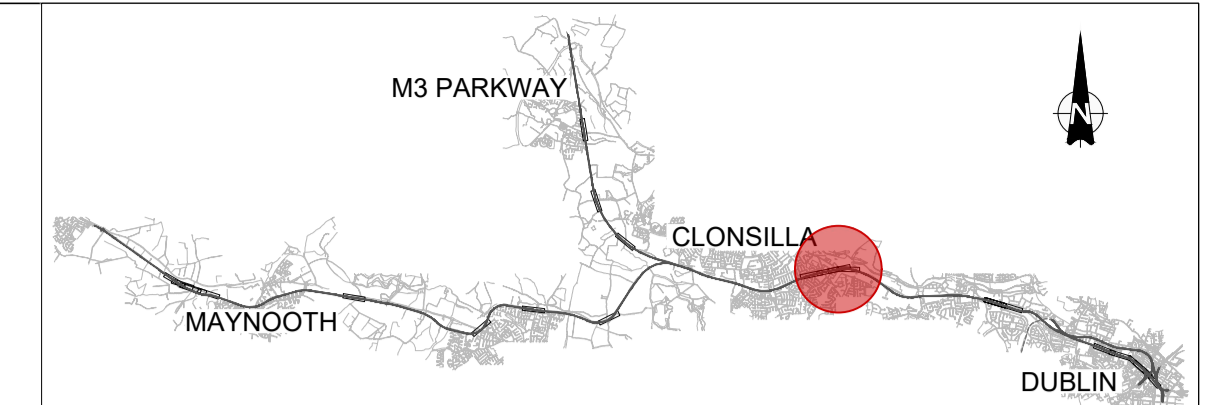
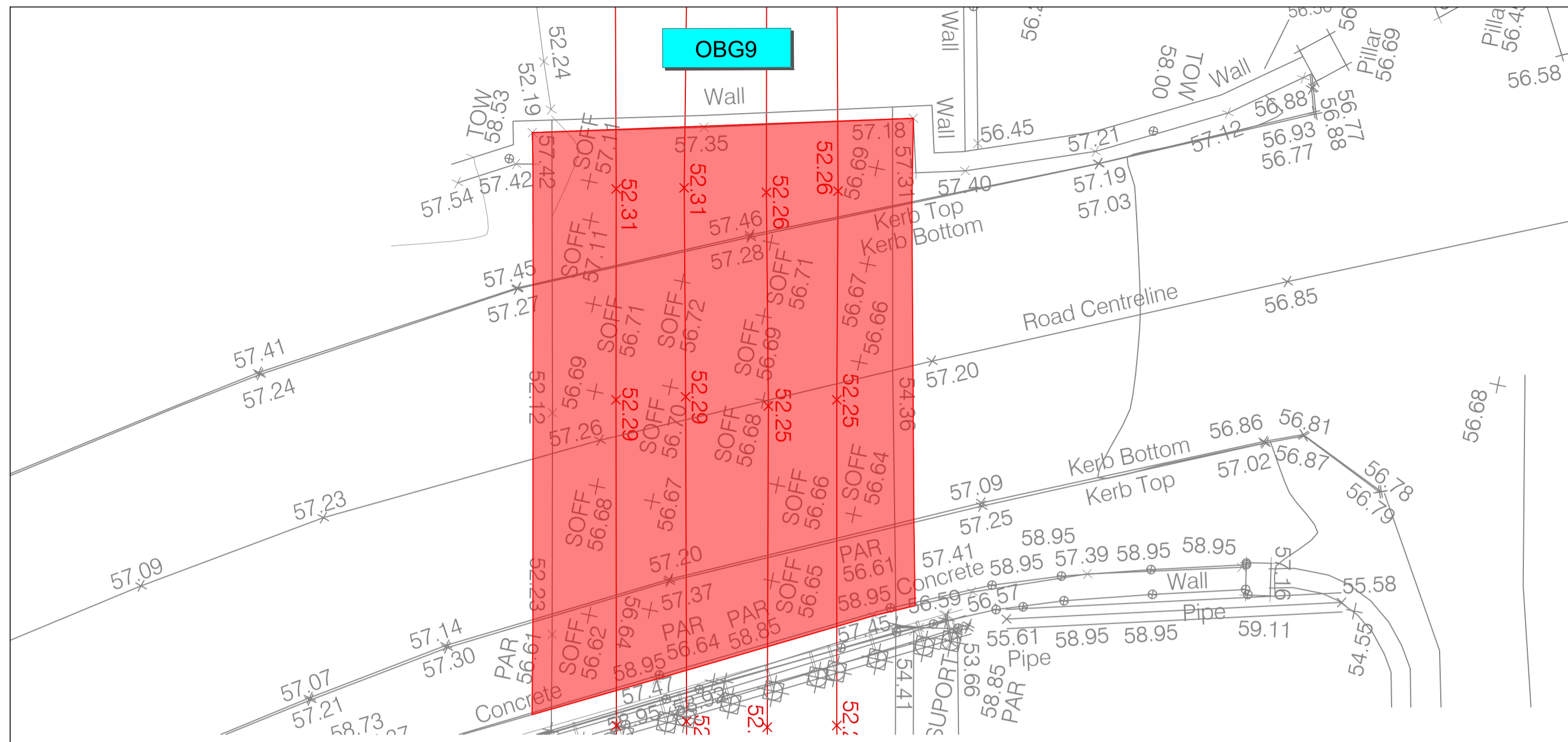
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STRUCTURE
OBG9. BRIDGE DECK HEAVY LIFTING

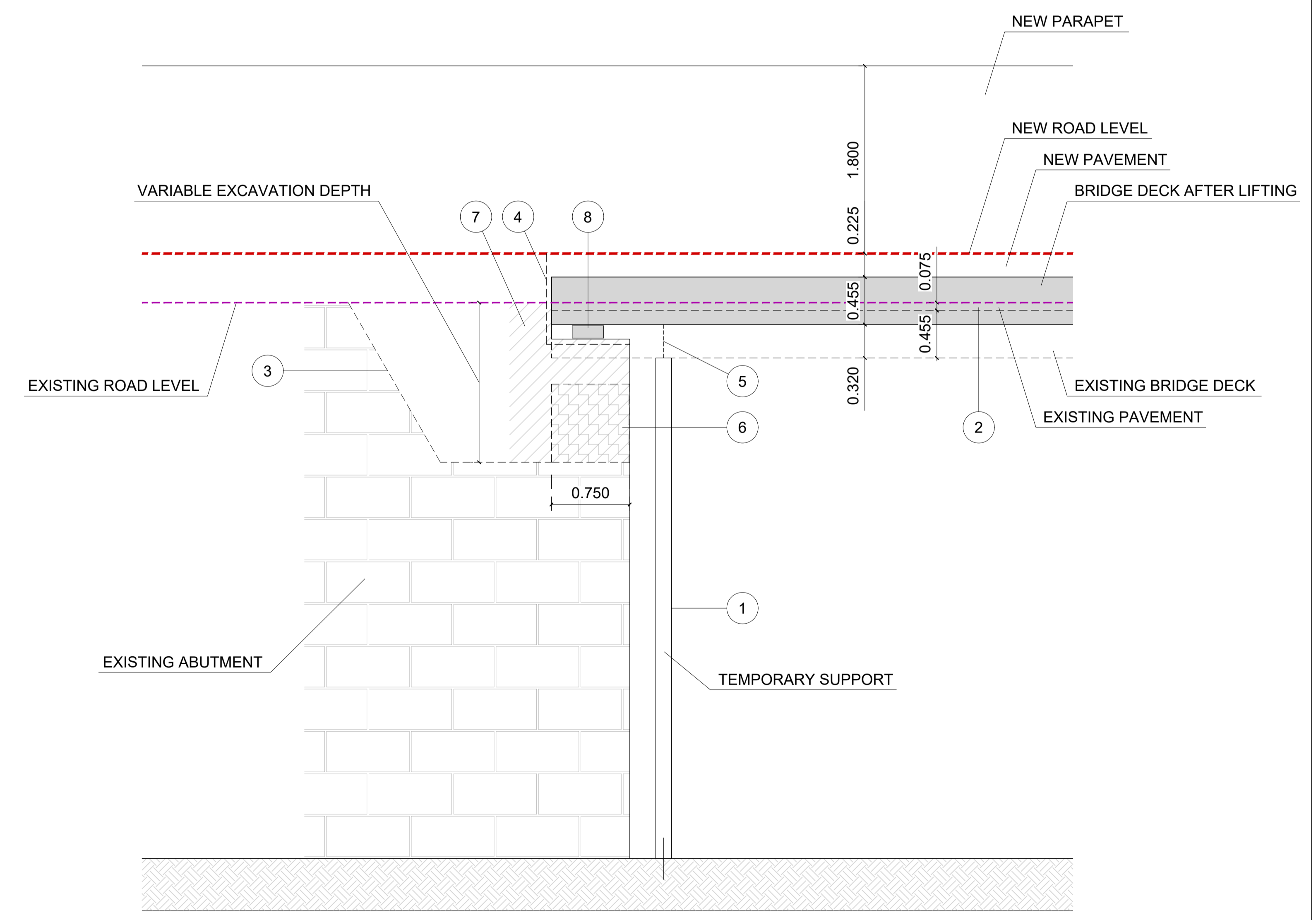
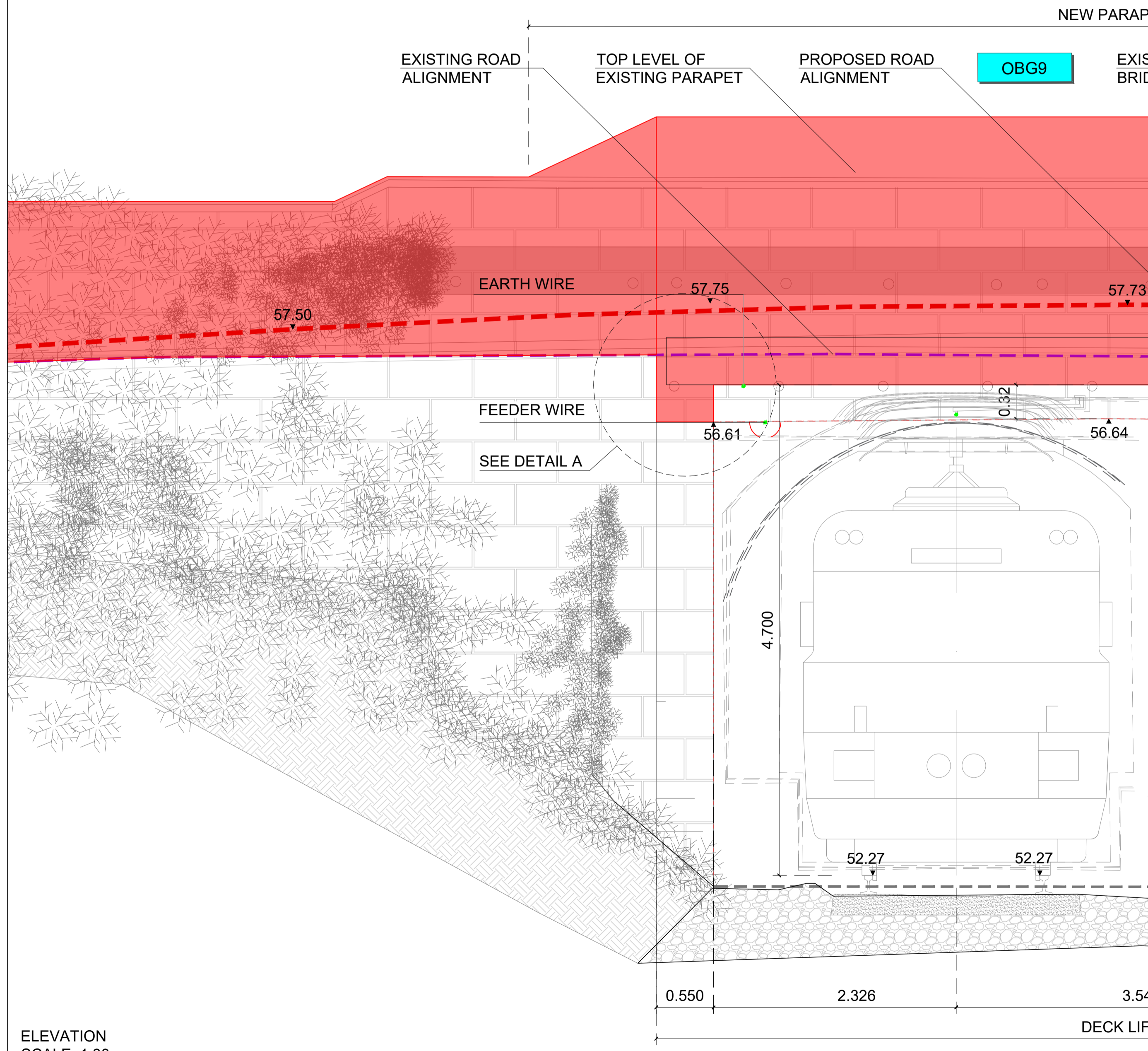
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Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	STR	RS08	DR	C	0001	B

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- CONSTRUCTION PHASE:**
- 1 - PLACE TEMPORARY STEEL FRAME TIGHT AGAINST THE ABUTMENTS TO SUPPORT THE BRIDGE DECK
 - 2 - REMOVE THE EXISTING PAVEMENT TO REDUCE DEAD LOAD
 - 3 - EXCAVATE TO THE ABUTMENT LEVEL
 - 4 - VERTICAL CUT IN THE EDGES OF THE STRUCTURAL DECK AND HORIZONTAL CUT BETWEEN THE ABUTMENTS AND THE DECK
 - 5 - INSERT JACKS AND JACK UP THE DECK
 - 6 - DEMOLISH THE TOP PART OF THE ABUTMENT TO REACH THE EXISTING REINFORCEMENT
 - 7 - NEWLY HEIGHTENED DECK SUPPORT SECTION MUST BE CONNECTED WITH STEEL BARS AND CONNECTED TO THE EXISTING STEEL REINFORCEMENT, AND CONCRETE SHOULD BE POURED TO THE NEW ELEVATION
 - 8 - FINALLY, RECONSTRUCT THE CONNECTION BETWEEN THE DECK AND THE ABUTMENT



ELEVATION SCALE: 1:30

DETAIL A SCALE: 1:30

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STRUCTURE
OBG9. BRIDGE DECK HEAVY LIFTING

Scale: 1:100 @ A1

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

MAY MDC STR RS08 DR C 0001 B

Date: May 2021 | Job No: P/101086 | Status: S4 Acceptance | Rev: V01 | Sheet: 4 of 4