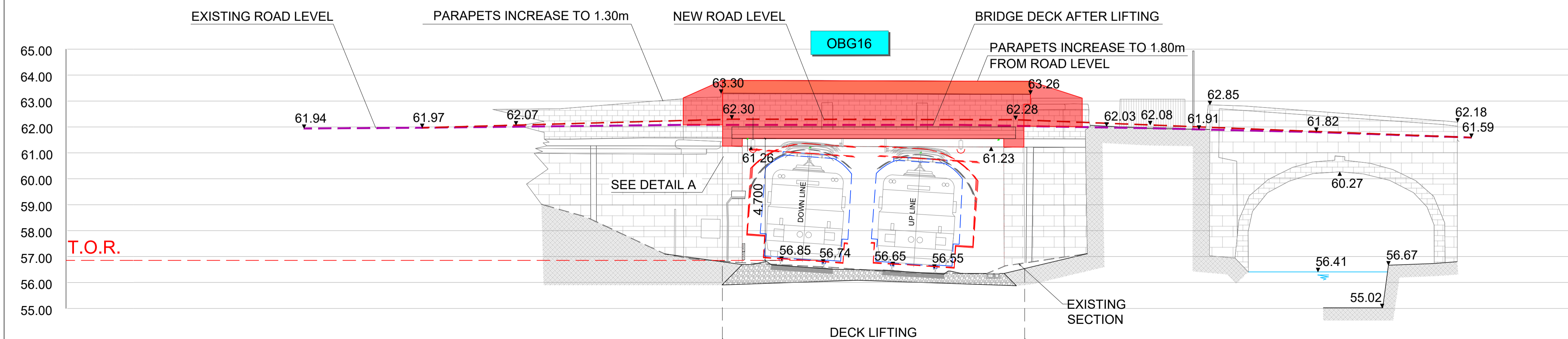


--- EXISTING ROAD LEVEL



--- NEW ROAD LEVEL (THE PROPOSED ROAD ALIGNMENT TO BE UPDATED)

■ BRIDGE LIFTING 290 mm  
--- ROAD LEVEL LIFTING (THE PROPOSED ROAD ALIGNMENT TO BE UPDATED) TO REACH 4.4 m CONTACT WIRE HEIGHT BRINGING THE MESSENGER WIRE TO THE CONTACT WIRE LEVEL

V01	May 2021	PUBLIC CONSULTATION	JBB	ACJ	CCH
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY

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Client

Consultant

Project

Drawing Title

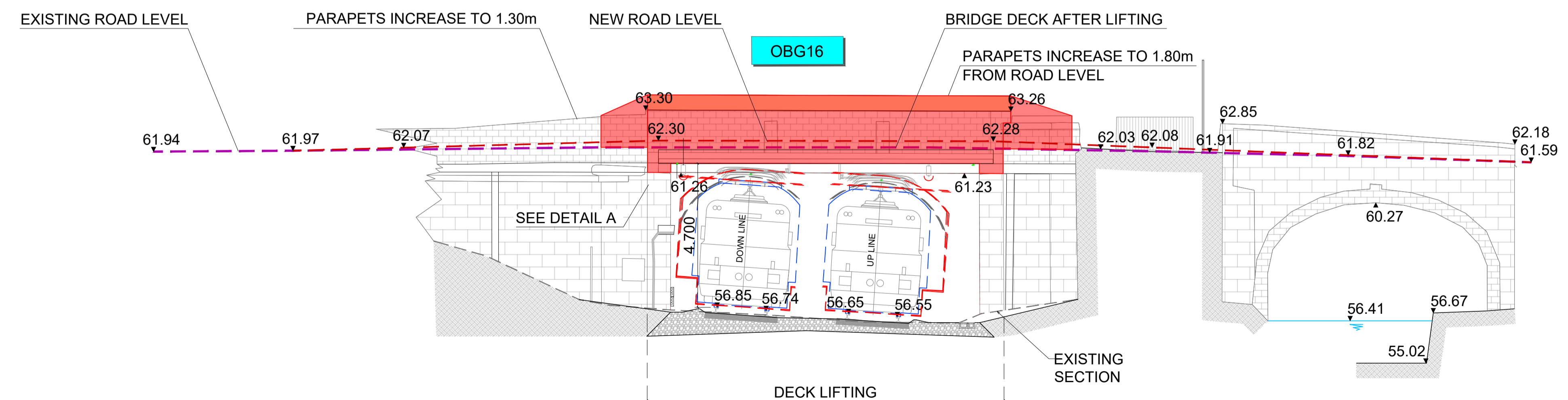
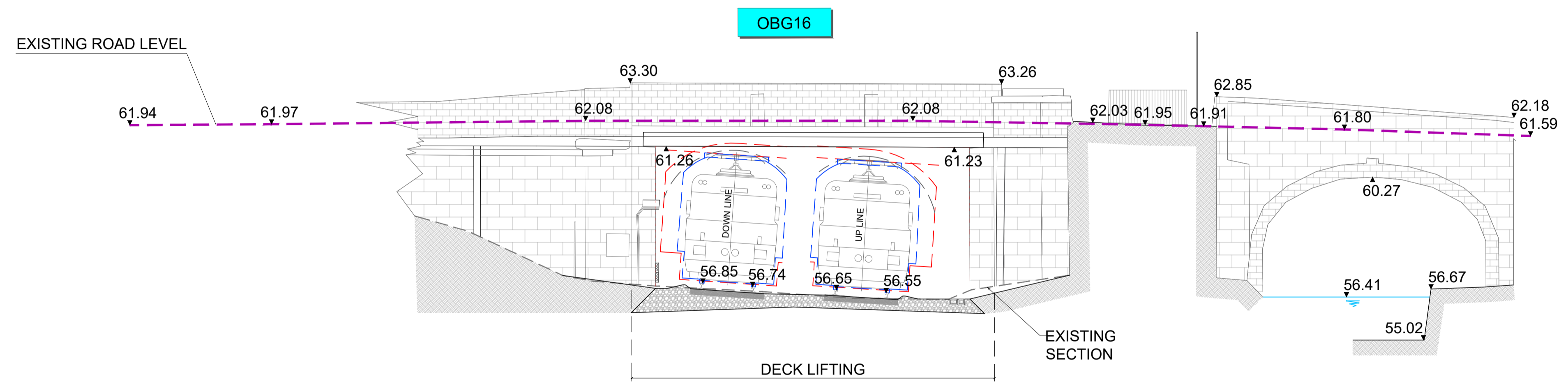
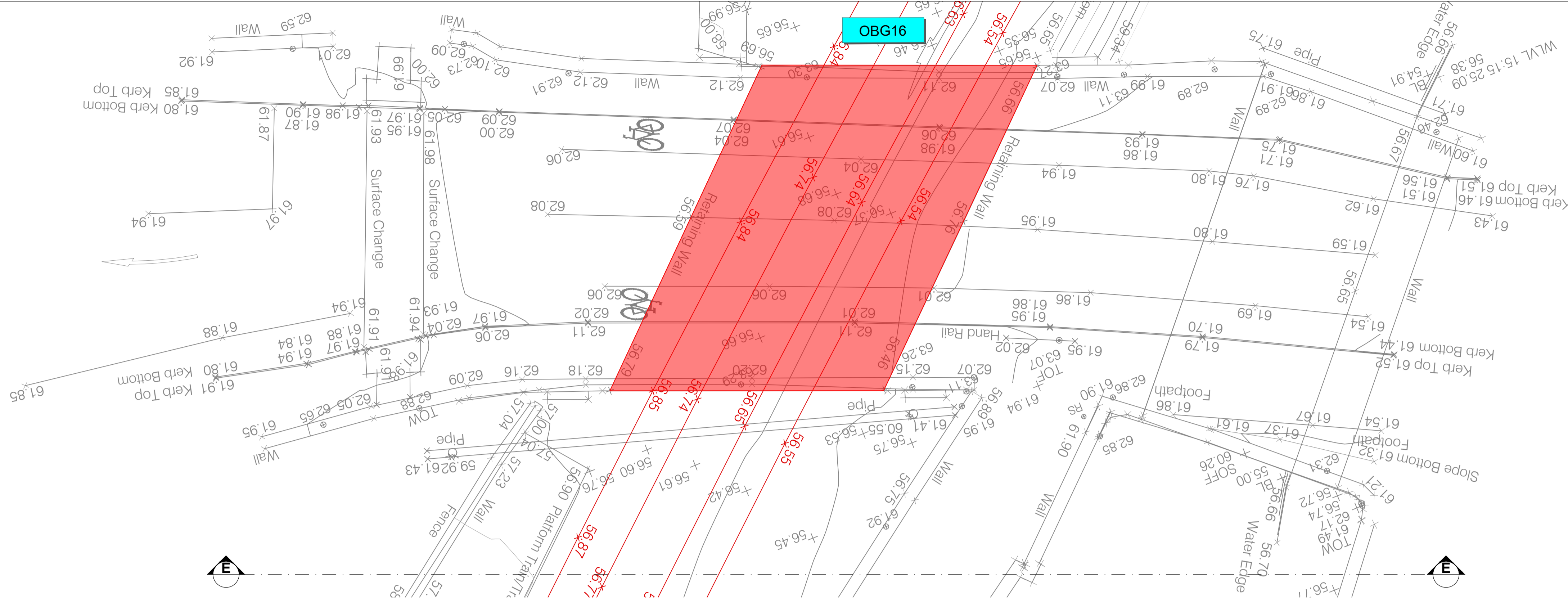
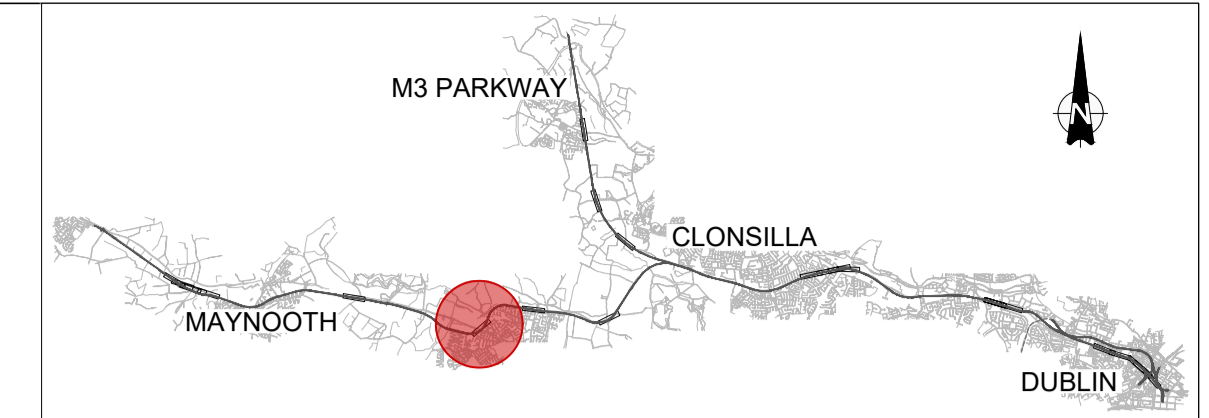
STRUCTURE  
OBG16. BRIDGE DECK HEAVY LIFTING

Scale: 1:100 @ A1

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase  
MAY MDC STR RS13 DR C 0001 B

Date: May 2021 | Job No: P/101086 | Status: S4 Acceptance | Rev: V01 | Sheet: 1 of 4





█ BRIDGE LIFTING 290 mm  
- - - ROAD LEVEL LIFTING (THE PROPOSED ROAD ALIGNMENT TO BE UPDATED) TO REACH 4.4 m CONTACT WIRE HEIGHT BRINGING THE MESSENGER WIRE TO THE CONTACT WIRE LEVEL

REV	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	May 2021	PUBLIC CONSULTATION	JBB	ACJ	CCH

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Client

Consultant

Project

Drawing Title

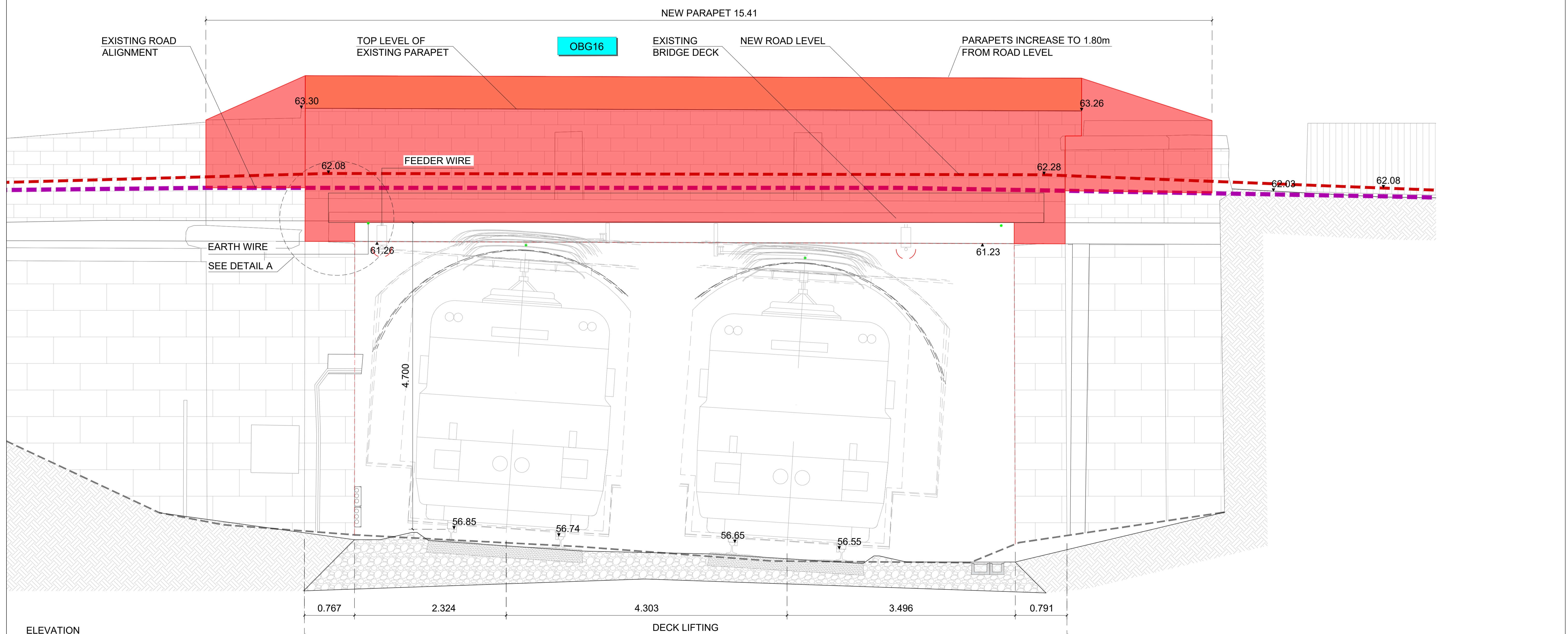
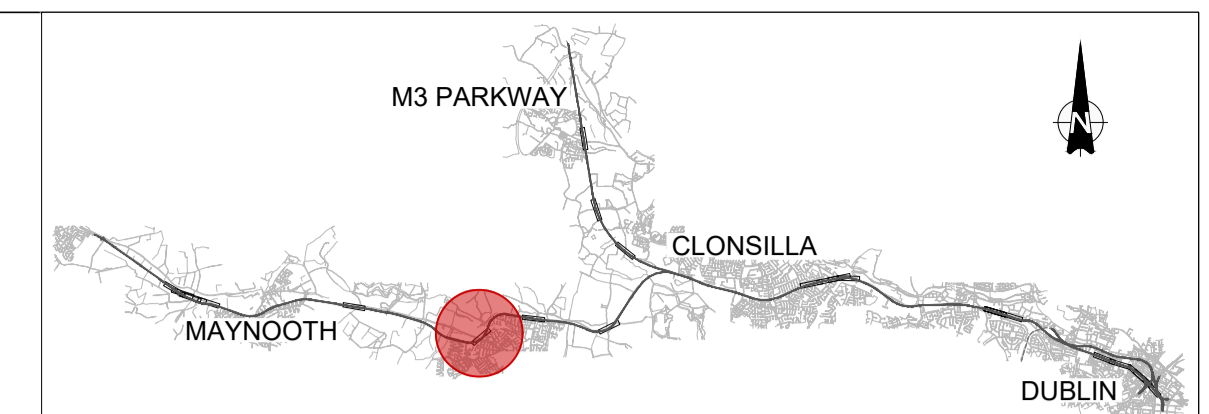
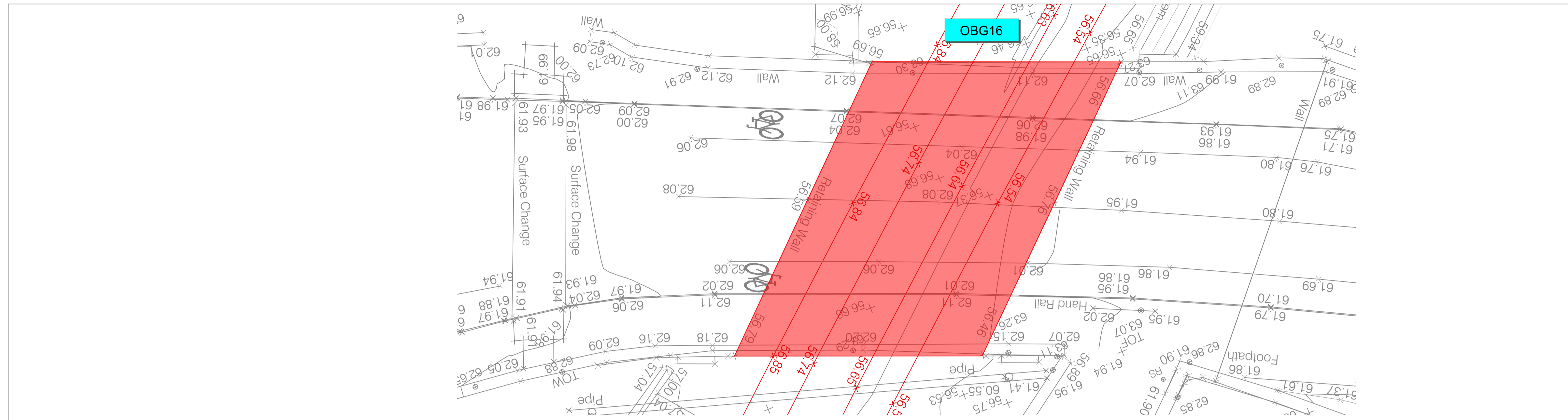
**STRUCTURE**  
OBG16. BRIDGE DECK HEAVY LIFTING

Scale: 1:100 @ A1

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase  
 MAY MDC STR RS13 DR C 0001 B

Date: May 2021 | Job No: P/101086 | Status: S4 Acceptance | Rev: V01 | Sheet: 2 of 4





ELEVATION SCALE: 1:30

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Client

Consultant

Project

Drawing Title

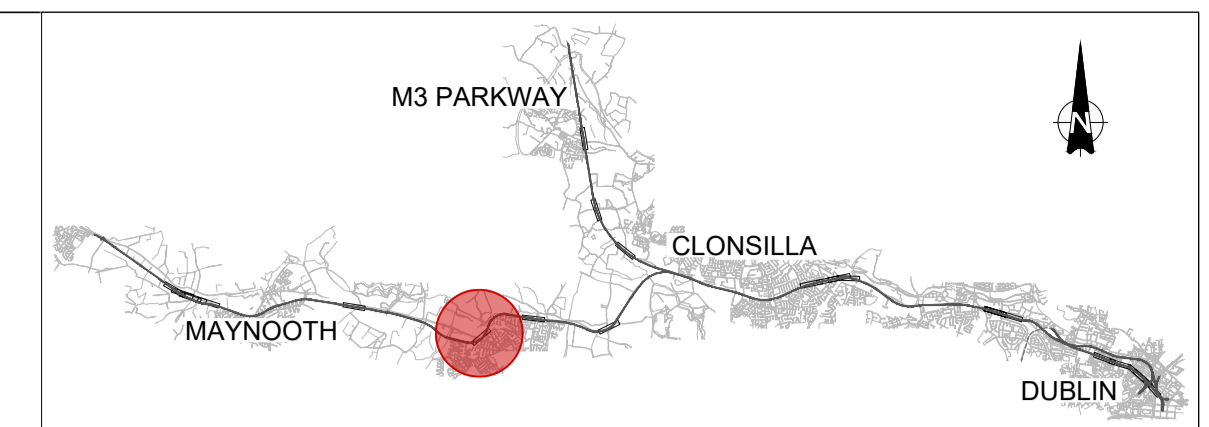
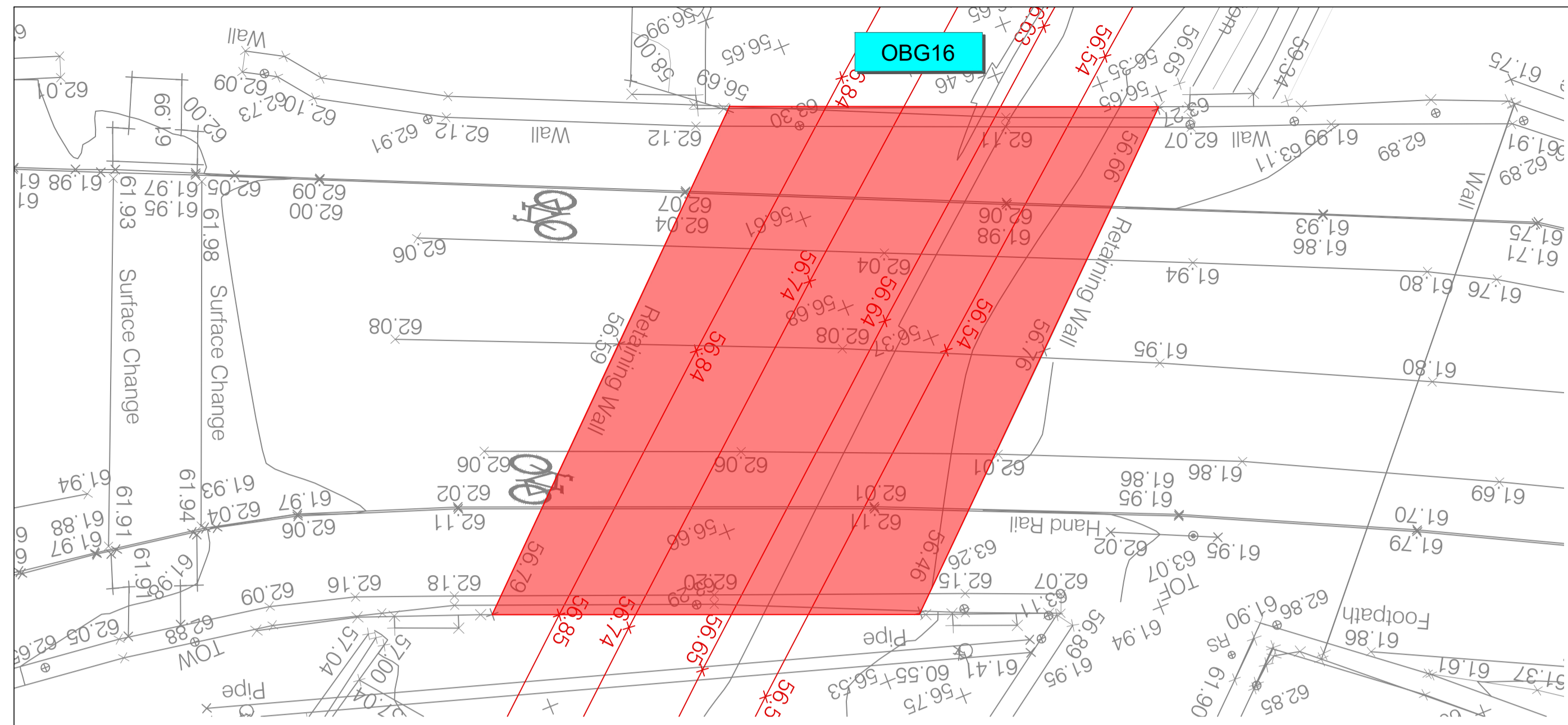
STRUCTURE  
OBG16. BRIDGE DECK HEAVY LIFTING

Scale: 1:100 @ A1

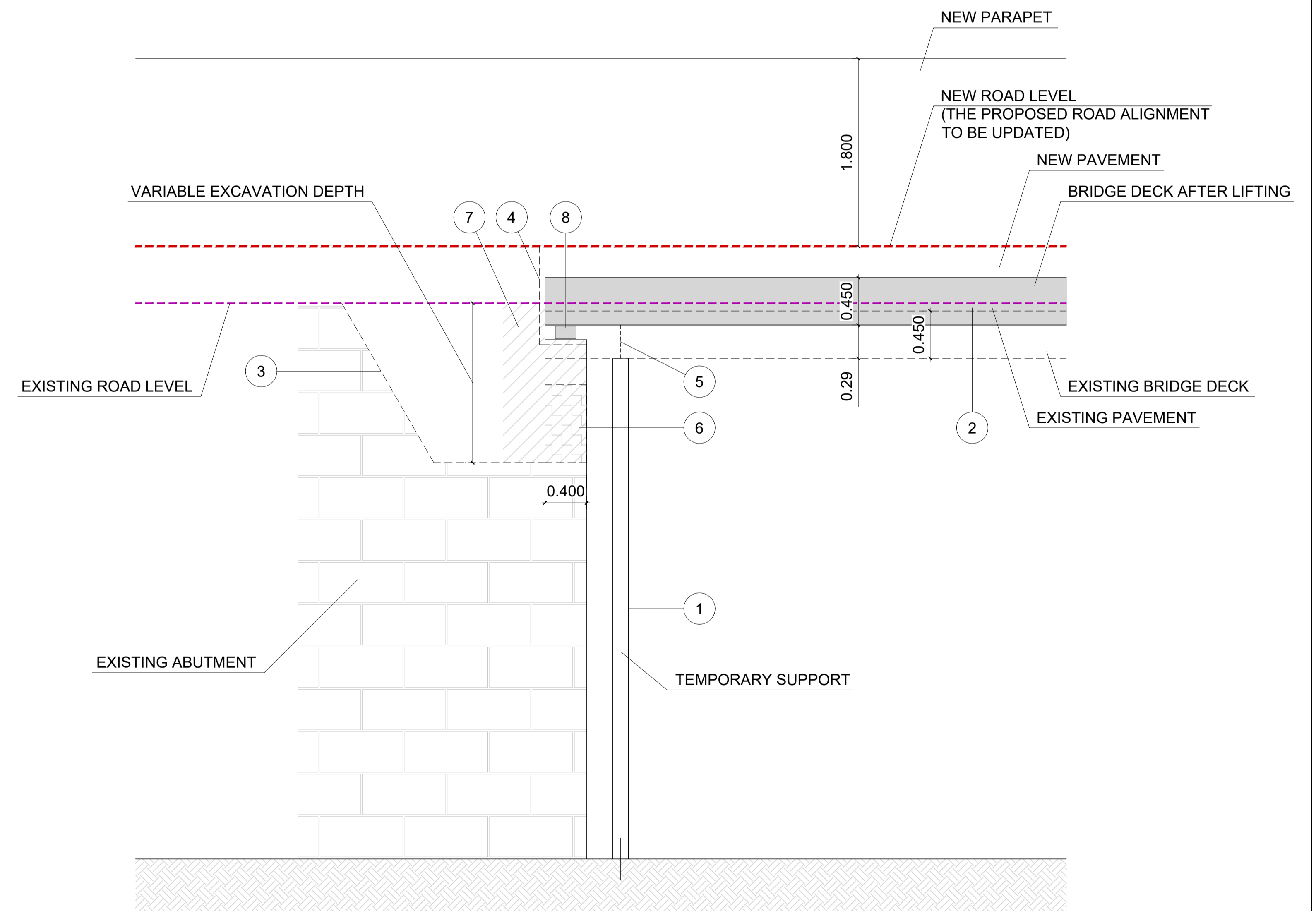
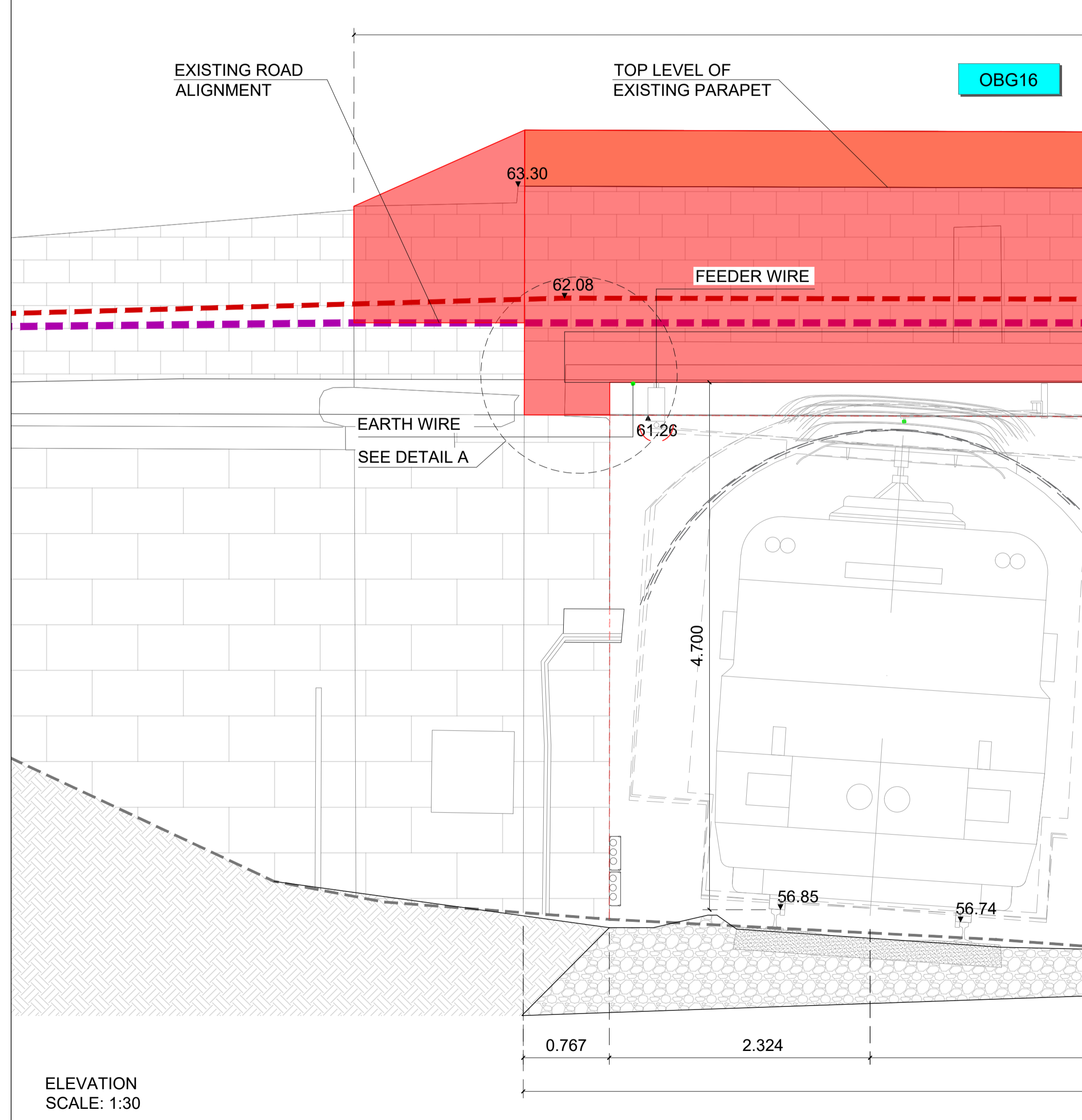
Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	STR	RS13	DR	C	0001	B

Date:	Job No:	Status:	Rev:	Sheet:
May 2021	P/101086	S4 Acceptance	V01	3 of 4





- 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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Client

Tionscadal Éireann Project Ireland 2040

NTA Udarás Náisiúnta Iompará Náisiúnta Transport Authority

Iarnród Éireann Irish Rail

Consultant

IDOM

PRO3

FIROD ROUGHAN & O'DONOVAN

Project

DART+ West

Drawing Title

STRUCTURE  
OBG16. BRIDGE DECK HEAVY LIFTING

Scale: 1:100 @ A1

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase  
MAY MDC STR RS13 DR C 0001 B

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