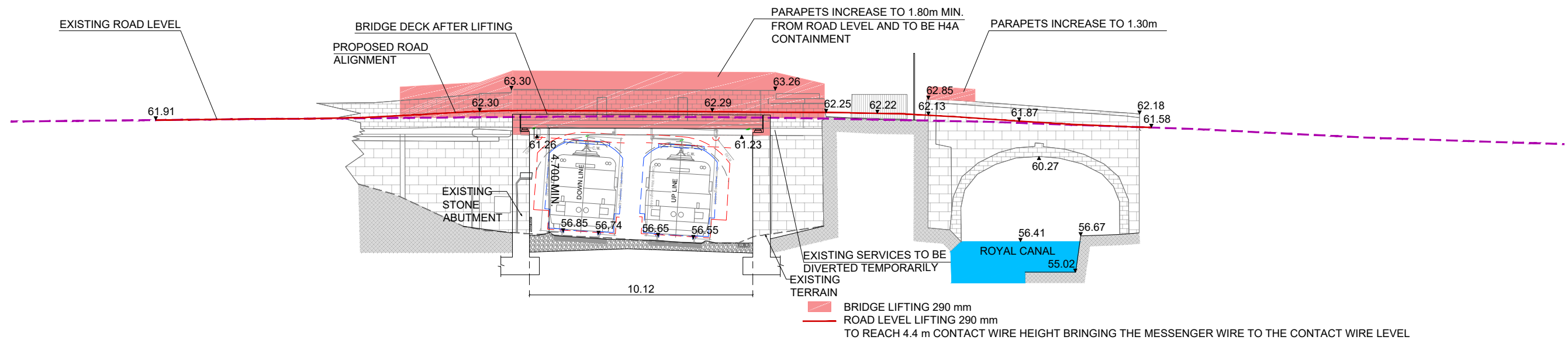
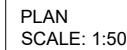


V06		28/01/2022		STRUCTURE DETAIL ADDED		EAC		ACJ		CCH		Client	<div><div></div><div></div><div></div></div>				Project				<div></div>				Drawing Title <div>STRUCTURE DESIGN OBG16. BRIDGE DECK HEAVY LIFTING CURRENT STATE</div>											
V01		April 2022		PLANNING ISSUE		EAC		ACJ		CCH																										
REV.		DATE		DESCRIPTION		EAC		ACJ		CCH																										
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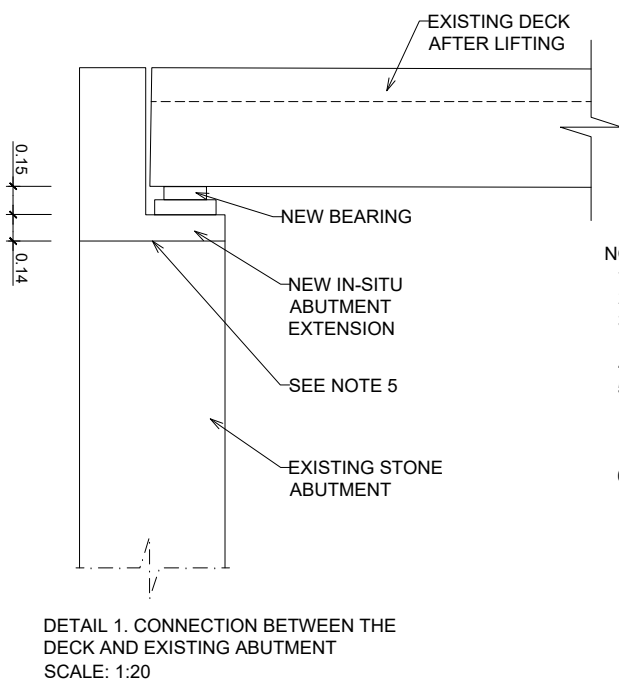
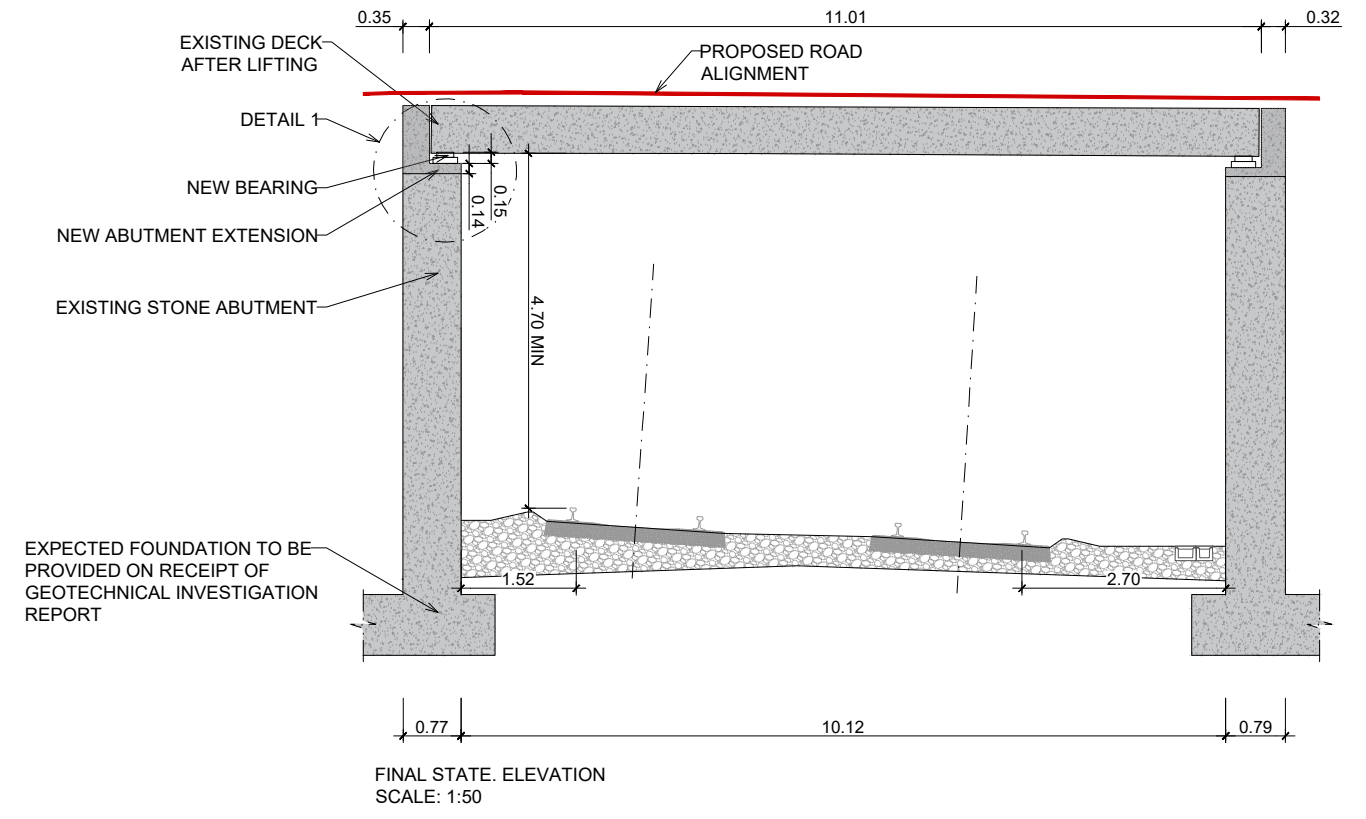
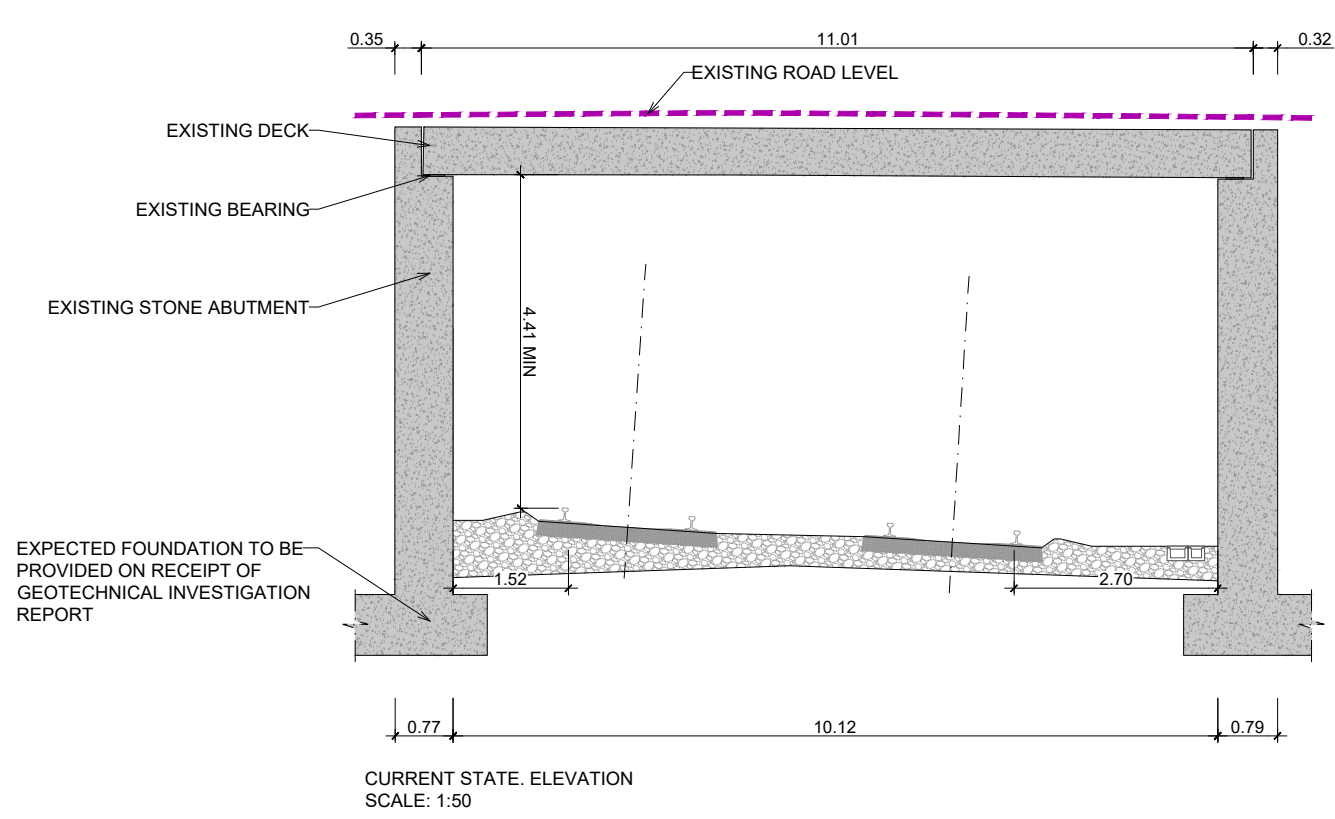


FINAL STATE. ELEVATION
SCALE: 1:100

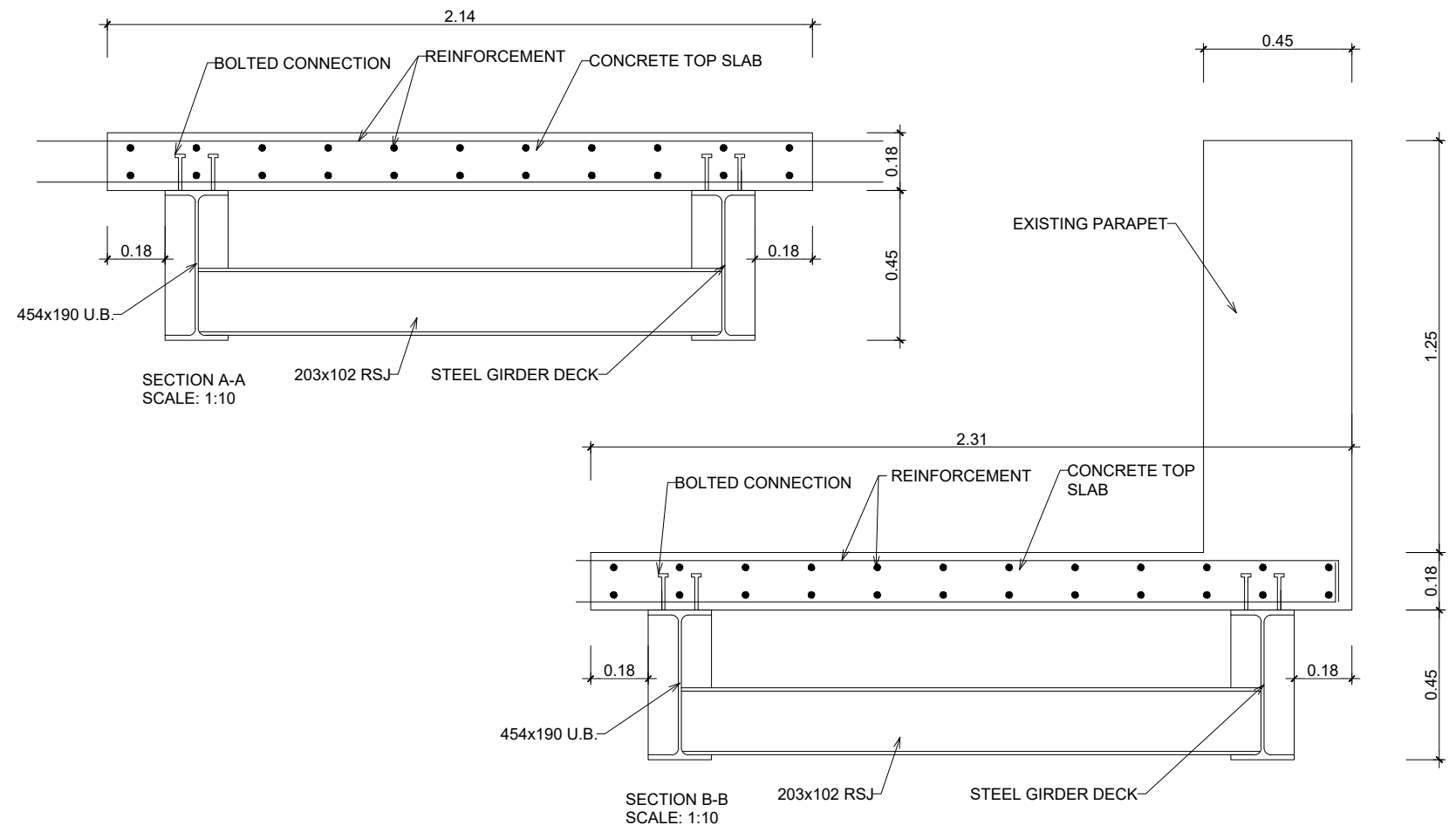
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V01	April 2022	PLANNING ISSUE	EAC	ACJ	CCH											
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY											
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								Date: April 2022		Job No: P/101086	Status: F1-Approved & accepted	Rev: V01	Sheet: 2 of 5			



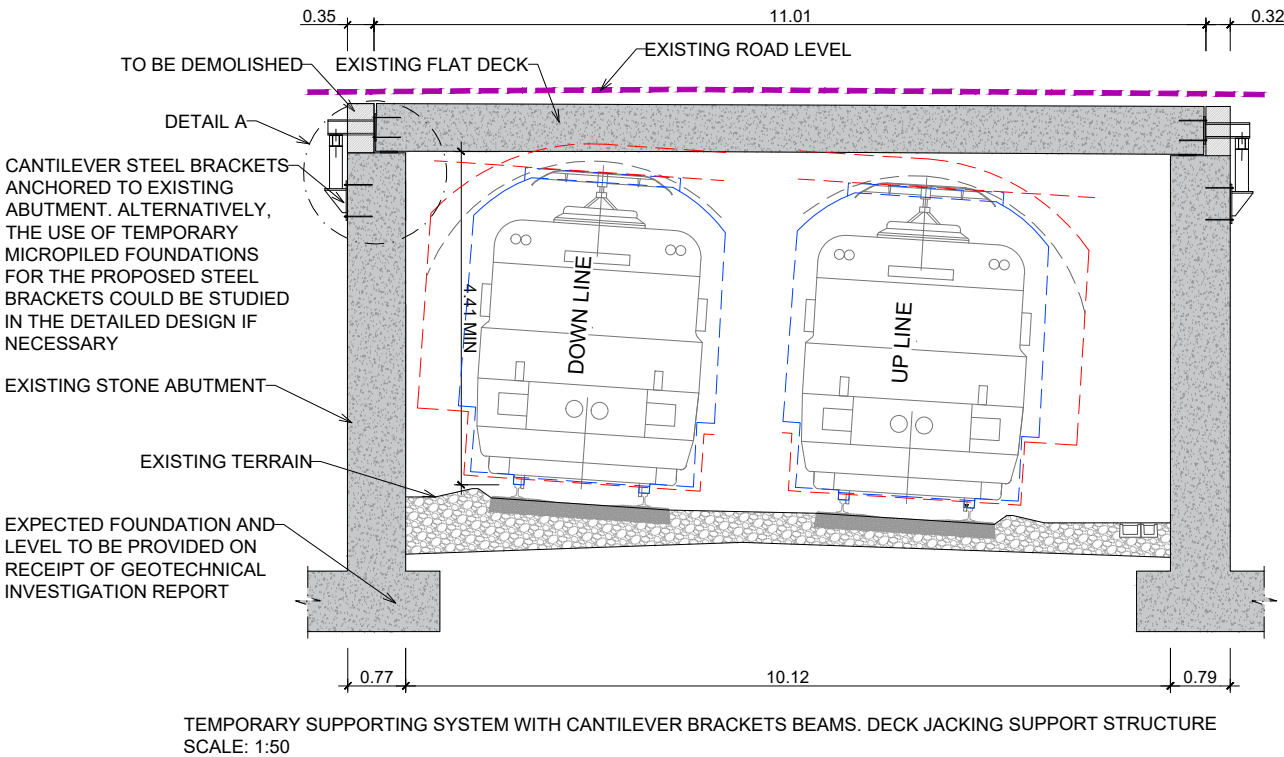
V06	28/01/2022	STRUCTURE DETAIL ADDED	EAC	ACJ	CCH	Client	  	Project		Drawing Title	STRUCTURE DESIGN OBG16. BRIDGE DECK HEAVY LIFTING FINAL STATE DETAIL												
V01	April 2022	PLANNING ISSUE	EAC	ACJ	CCH						Consultant	  	Scale:	Drawing Number Project Originator Discipline Location Type Role Number Phase MAY MDC STR RS13 DR C 0002 D									
REV.	DATE	DESCRIPTION	PRODUCED BY REVIEWED BY APPROVED BY											Scale: 1:1000 @ A1 1:2000 @ A3 	Date: April 2022 Job No: P/101086 Status: F1-Approved & accepted Rev: V01 Sheet: 3 of 5								



- NOTES (TOP DOWN):
- 1) STRUCTURAL CONCRETE TOP SLAB
 - 2) STEEL GIRDER DECK
 - 3) NEW ELASTOMERIC BEARING (DESIGN DEPENDENT)
 - 4) EXTENDED ABUTMENT WALL HEAD
 - 5) FACE OF EXISTING ABUTMENT WORK: PLACE LEVELLING LAYER AND STEEL BEAM WITH ANCHOR BOLTS TO BE CAST INTO THE NEW ABUTMENT EXTENSION
 - 6) EXISTING STONE ABUTMENT



						Client	  			Project				Drawing Title STRUCTURE DESIGN OBG16. BRIDGE DECK HEAVY LIFTING STRUCTURAL DESIGN DETAIL									
V01	April 2022	PLANNING ISSUE	EAC	ACJ	CCH	Consultant	  						Scale: 1:1000 @ A1 1:2000 @ A3		Drawing Number Project Originator Discipline Location Type Role Number Phase MAY MDC STR RS13 DR C 0002 D								
REV.	DATE	DESCRIPTION	PRODUCED BY REVIEWED BY APPROVED BY										Date: April 2022		Job No: P/101086		Status: F1-Approved & accepted		Rev: V01		Sheet: 4 of 5		
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NOTE:

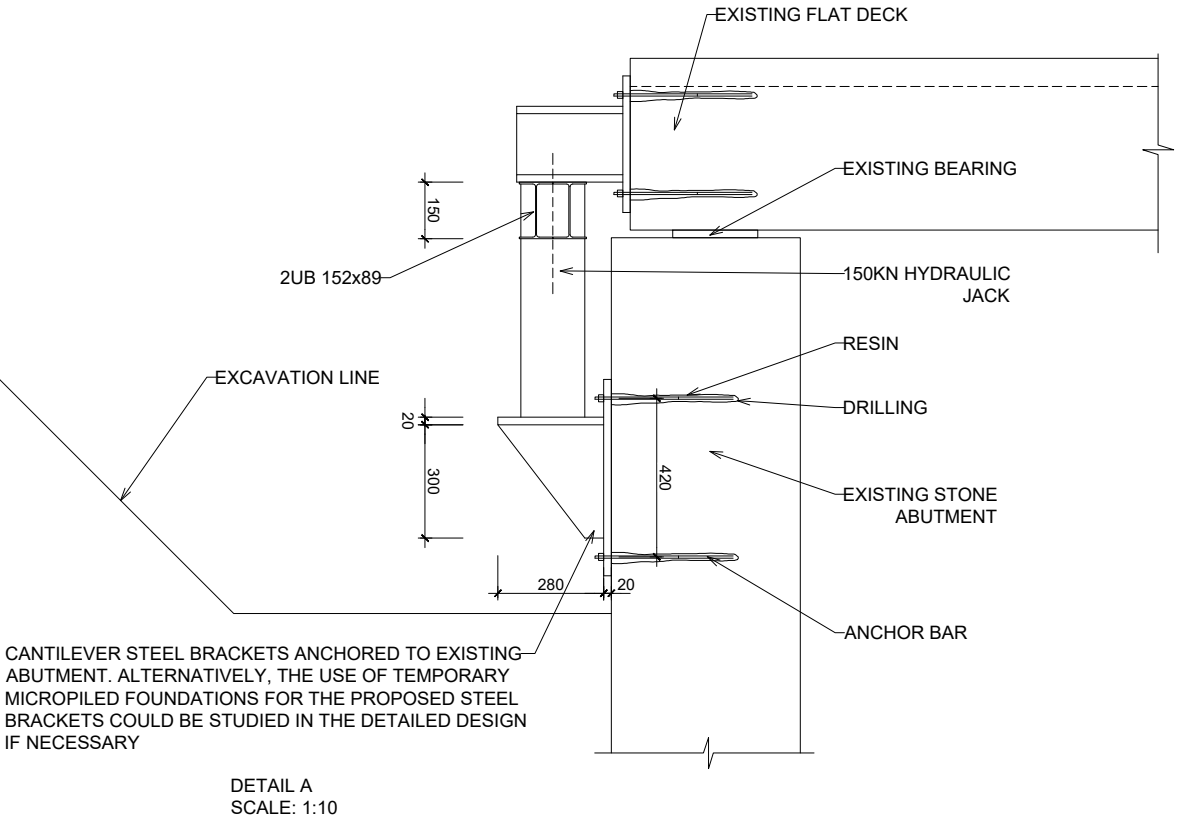
1. WEIGHTS
SELF-WEIGHT OF DECK & PARAPETS APPROX. 1050KN
DEAD LOAD OF PAVEMENT APPROX. 250KN
TOTAL WEIGHT OF DECK, PARAPETS & PAVEMENT APPROX. 1300KN
(WEIGHTS STATED ARE ESTIMATED VALUE ACCORDING TO EXISTING DRAWINGS & WILL BE CONFIRMED AT DETAILED DESIGN STAGE)

2. JACKS WILL BE INSERTED UNDER THE DECK AROUND EVERY 2M, WHICH IS 5 JACKS ON EACH ABUTMENT AND A TOTAL OF 10 JACKS. EACH JACK WILL CARRY AROUND 130 kN.



EXAMPLE OF JACK OF MAX. 150KN
(SOURCES: LARZEP OFFICIAL WEBSITE)

DIMENSIONS (MM)	
MODEL (LARZEP)	SL01643
CAPACITY (kN)	150
STROKE (mm)	435
CLOSED HEIGHT (mm)	345
EXTENDED HEIGHT (mm)	780
DIAMETER (mm)	170
WEIGHT (Kg)	41



REV.	DATE	DESCRIPTION	EAC	ACJ	CCH
V01	April 2022	PLANNING ISSUE			

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All elevations are in metres and relate to OSi Geoid Model (OSG00M02) Mean Head as defined by existing Project Control.
All Coordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TL149).

Client

Project

Consultant

Drawing Title

STRUCTURE DESIGN
OBG16. BRIDGE DECK HEAVY LIFTING
TEMPORARY DECK LIFTING STRUCTURE DETAIL

Scale:

1:1000 @ A1 1:2000 @ A3

Drawing Number

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

MAY MDC STR RS13 DR C 0002 D

Date:

April 2022

Job No:

P/101086

Status:

F1-Approved & accepted

Rev:

V01

Sheet:

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