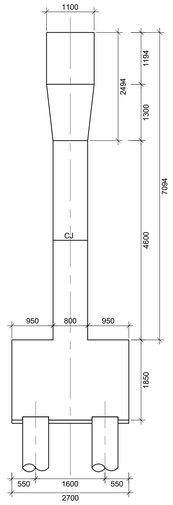
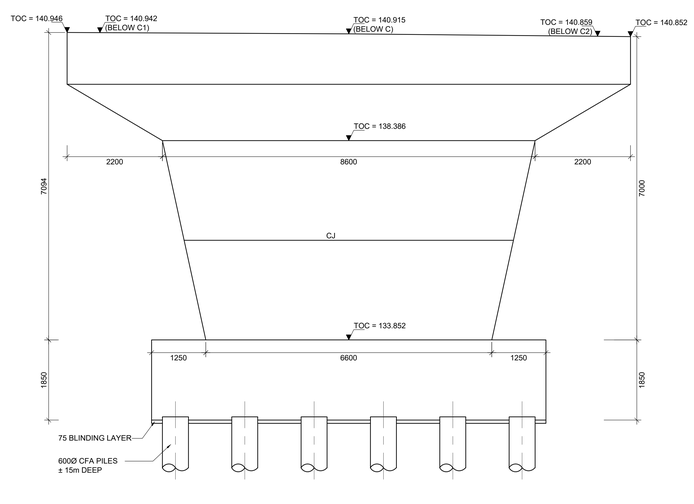
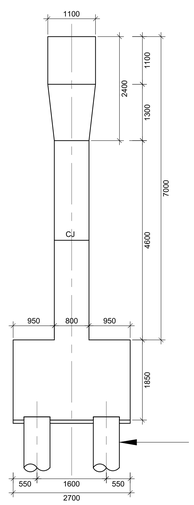


LEFT ELEVATION (PIER 1)
SCALE 1:50

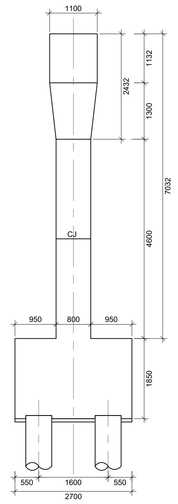


FRONT ELEVATION (PIER 1)
SCALE 1:50

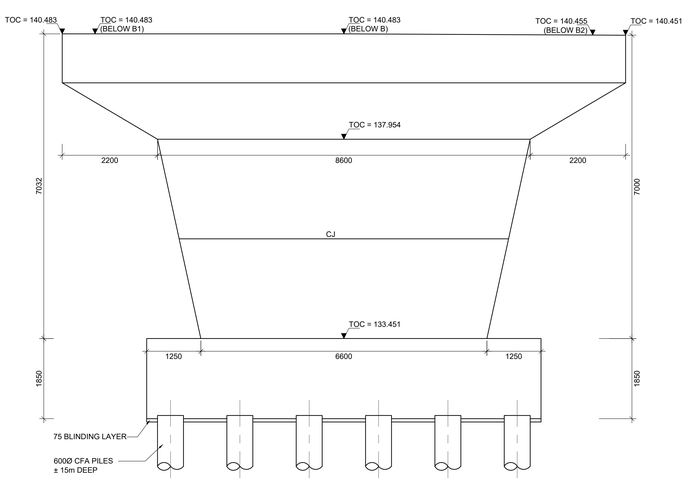
NOTE: PERMANENT STUDS TO BE CAST INTO PIER ADJACENT TO RAILWAY TRACK TO INDICATE RAIL LEVEL UNDER BRIDGE



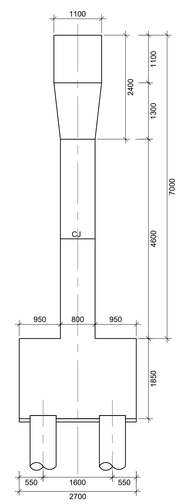
RIGHT ELEVATION (PIER 1)
SCALE 1:50



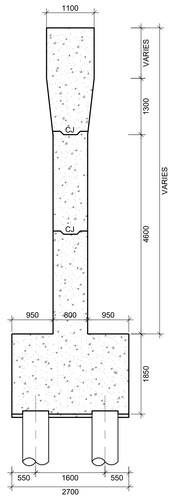
LEFT ELEVATION (PIER 2)
SCALE 1:50



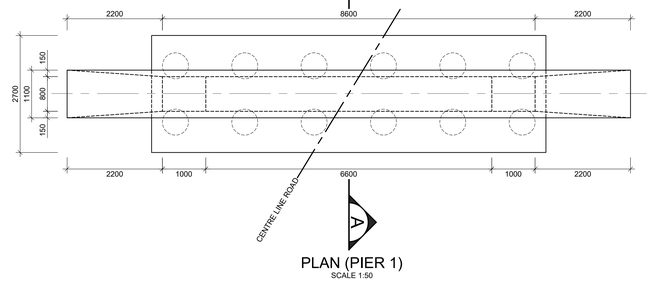
FRONT ELEVATION (PIER 2)
SCALE 1:50



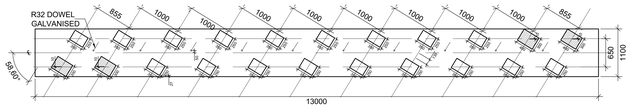
RIGHT ELEVATION (PIER 2)
SCALE 1:50

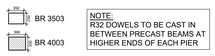


SECTION A-A (PIER 1)
SCALE 1:50



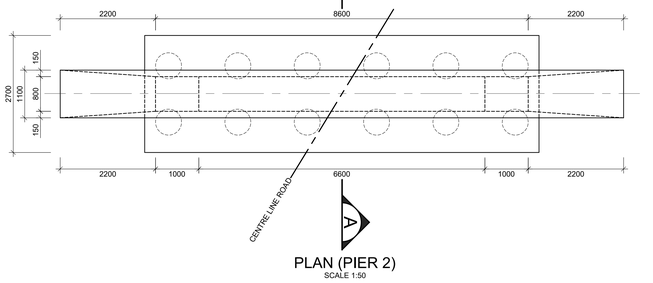
PLAN (PIER 1)
SCALE 1:50



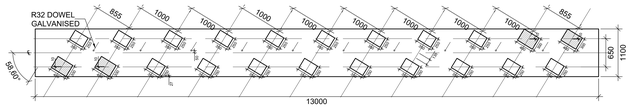


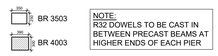
NOTE:
R32 DOWELS TO BE CAST IN BETWEEN PRECAST BEAMS AT HIGHER ENDS OF EACH PIER

TYPICAL BEARING PAD SETTING-OUT (PIER 1)
SCALE 1:50



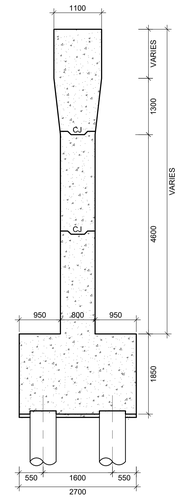
PLAN (PIER 2)
SCALE 1:50



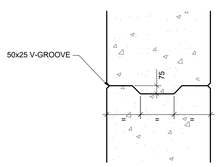


NOTE:
R32 DOWELS TO BE CAST IN BETWEEN PRECAST BEAMS AT HIGHER ENDS OF EACH PIER

TYPICAL BEARING PAD SETTING-OUT (PIER 2)
SCALE 1:50

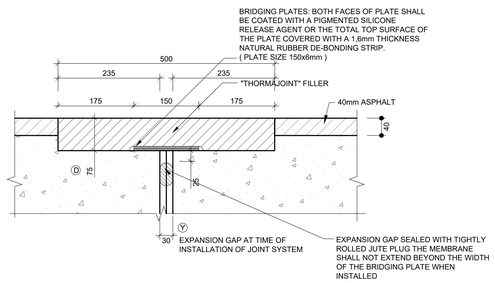


SECTION A-A (PIER 2)
SCALE 1:50

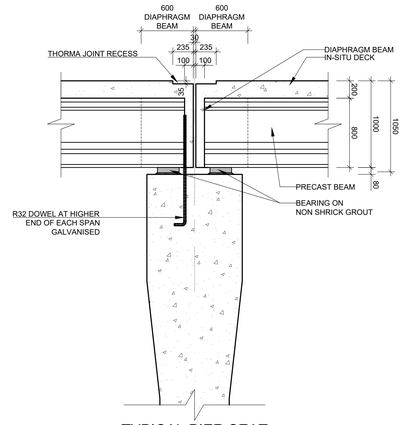


REINFORCEMENT TO BE CONTINUOUS THROUGH CONSTRUCTION JOINTS

TYPICAL CJ (CONSTRUCTION JOINT)
SCALE 1:20



DETAIL A: TYPICAL SECTION THROUGH THORMA TYPE EXPANSION JOINT
SCALE 1:5



TYPICAL PIER SEAT
SCALE 1:25

NOTES

1. ALL TOPS OF PIER SEATS TO BE SMOOTH STEEL FLOATED

FOR TENDER
(TENDER APPROVAL ONLY)

0 m 50 m 100 m
1 cm = 10 m for A0 size

NO.	DATE	ADDITIONS AND AMENDMENTS	APPROVED CONS.	APPROVED PRE
A	13.02.2018	FOR TENDER APPROVAL		

DESIGNED BY:	CW
CHECKED BY:	LDT
DRAWN BY:	CW
CHECKED BY:	BZ

LYNERS
ELEMENT Consulting Engineers
A FIFTH DIMENSION TO ENGINEERING

CONSULTING ENGINEERS
DATE: _ _ _ _ _ _ _

WESTERN CAPE GOVERNMENT
DEPARTMENT OF TRANSPORT AND PUBLIC WORKS

APPROVED
THIS APPROVAL IS FOR PROCEDURAL AND ADMINISTRATIVE REVIEW PURPOSES ONLY AND DOES NOT ATTRACT LEGAL LIABILITY OF ANY KIND FROM WHATSOEVER OR HOWEVER ARISING
PROVINCIAL ROADS ENGINEER
DATE: _ _ _ _ _ _ _

PROPOSED ROAD OVER RAIL BRIDGE No. 6048 ON DR 1103 OVER KLAPMUTS-PAARL RAIL NEAR SIMONSVLEI

PIER(S) CONCRETE LAYOUT & DETAILS

P.R.E's FILE NO. 970123	SCALE AS SHOWN
CONTRACT NO. TPW 16/6/4/1/4-C0850.01	WCG STRUCTURE PLAN
CONSULTANTS DWG NO. 150049/S/006	WCG INDEX NO. A93/19