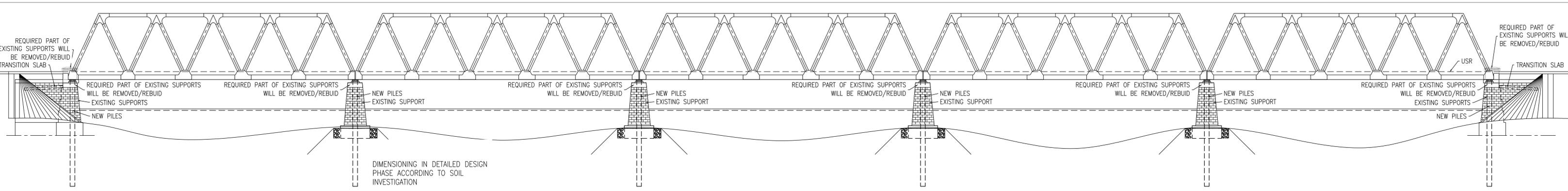
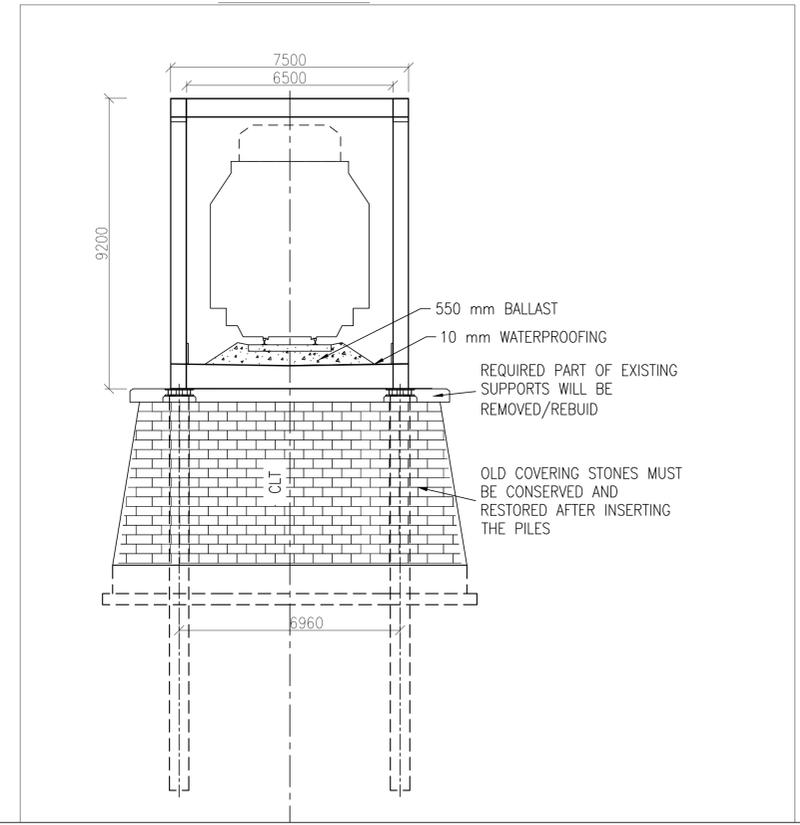


A-A 1:200



B-B 1:100



STEEL DECK MATERIALS:
 PLATES S355J2 +N EN 10025-2
 HOLLOW SECTIONS S355J2H EN 10219
 HOT-ROLLED PROFILES S355J2 EN10025-1

ALL STEEL MATERIALS: PAINTED, CONSIDERING LOCAL REQUIREMENT

FASTENING:
 BOLTS 8.8 SFS-EN ISO 4014
 NUTS GRADE 8 SFS-EN ISO 4032
 WASHERS GRADE 8 SFS-EN ISO 7089

ALL FASTENING PRODUCTS HOT-DIP GALVANIZED

TRANSITION SLABS: PREFABRICATED TRANSITION SLABS 5,0 m
 OR CAST IN SITU 5,0 m
 CONCRETE C35/45

TRACK SUPERSTRUCTURE:
 WATER PROOFING MATERIAL 10 mm
 BALLAST 550 mm

SPHERICAL BEARINGS: 5PCS FIXED AND 5 PCS GUIDED SLIDING

PILES/FOUNDATION: PILES, FOUNDATION AND FILLINGS WILL BE DIMENSIONED IN DETAILED DESIGN PHASE

CLT = CENTER LINE of the TRACK
 HC = HORIZONTAL CLEARANCE
 LSD = LOWER SURFACE of the DECK
 USR = UPPER SURFACE of the RAIL

ESTIMATED WEIGHT OF THE STEEL DECK: 53 000 kg x 5 PCS (WITHOUT TRACK SUPERSTURCTURE)



BRIDGETYPE	NEW STEEL DECK AND PILES		
SPANS	5x36,880 m		
HORIZONTAL CLEAR SPAN	—	VERTICAL CLEARANCE	—
HORIZONTAL CLEARANCE	6.30 m		

Version
23.10.2017

Revision	Explanation	Date	Designer	Date	Acceptor
Customer		Project			
MINISTERIO DE TRANSPORTE Y OBRAS PÚBLICAS		Railway Project			
Supplier		Design phase			
VR TRACK		Pre-engineering, Phase 2			
Drawer		Content			
23.10.2017 Ulla Marita		BRIDGE RIO PINTADO			
Designer		NEW STEEL DECK AND PILES			
23.10.2017 Mikko Iivonen		Km+m 103+522			
Supervisor		Loading			
23.10.2017 Reima Niklander		Coordinate and elevation reference system			
Accept.		Railway line			
Cust. acc.		Archive Type Number Rev. Sheet			
		RB - - 1			