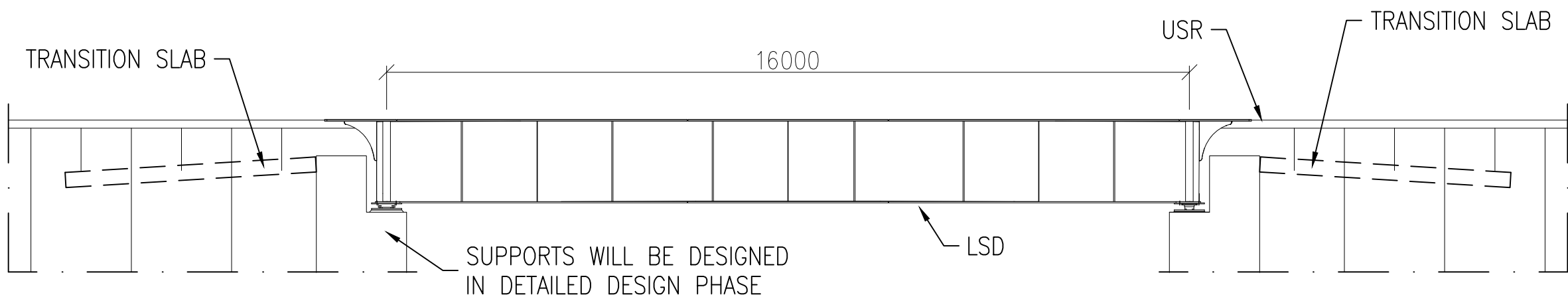
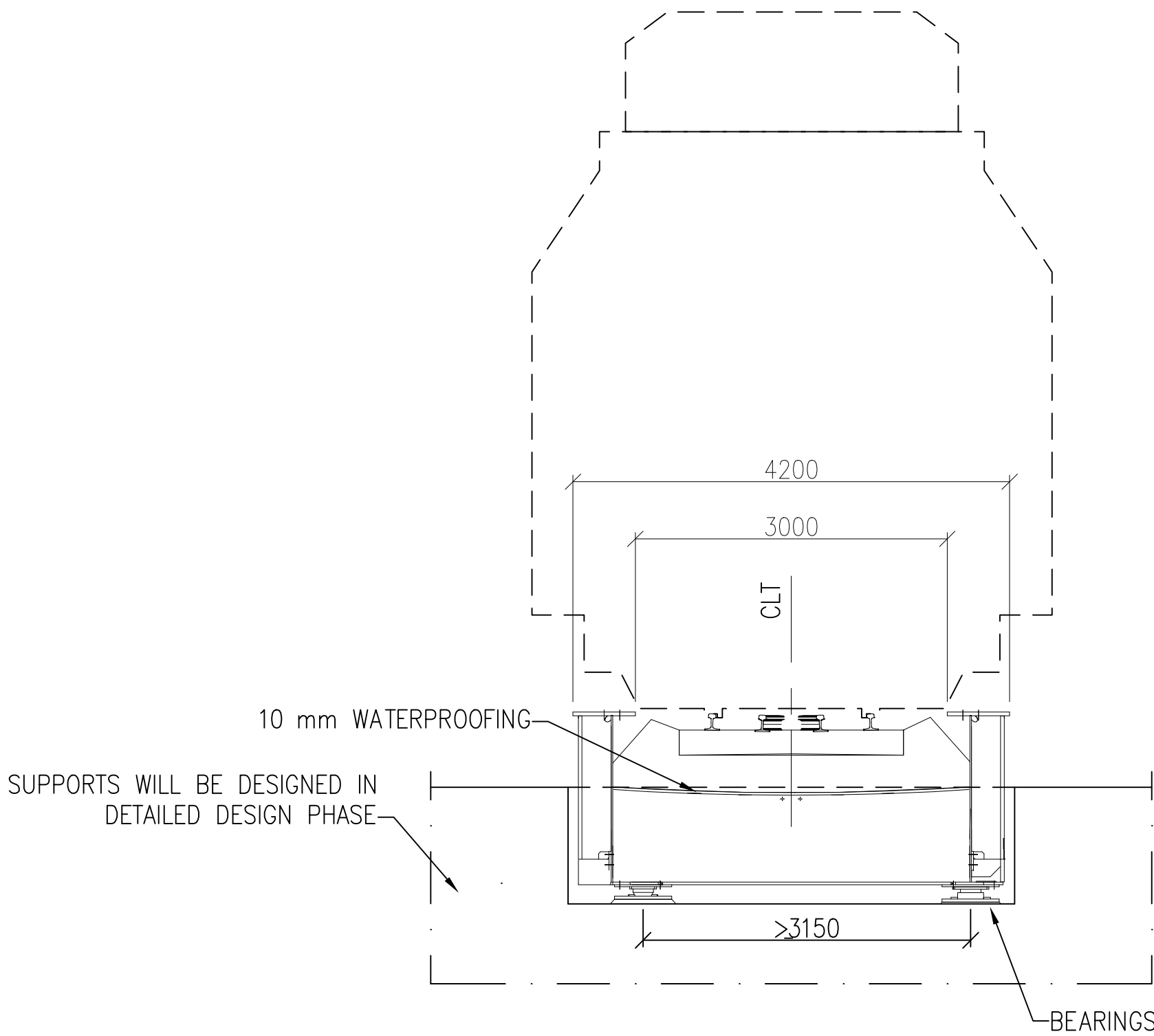


PROFILE A-A 1:100



CROSS SECTION B-B 1:50



NEW 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

TRACK SUPERSTRUCTURE:  
WATER PROOFING MATERIAL 10 mm  
BALLAST 550 mm

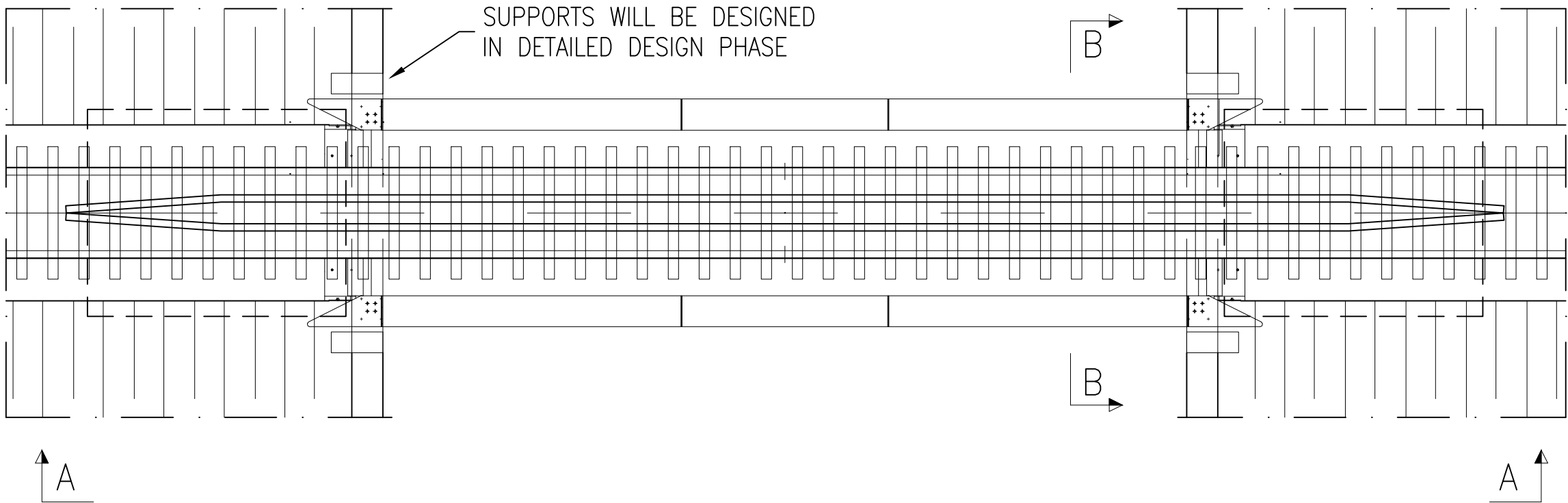
TRANSITION SLABS: PREFABRICATED TRANSITION SLABS 5,0 m  
OR CAST IN SITU 5,0 m  
CONCRETE C35/45

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 DECK 35 000 kg X 2 pcs  
(WITHOUT TRACK SUPERSTURCTURE)



IF THE BRIDGE DECK IS PLACED TO OLD SUPPORTS, BEARING  
CAPACITY OF THE SUPPORTS MUST BE EVALUATED.

LAYOUT 1:100



BRIDGETYPE	STEEL GIRDER		
SPANS	16 m		
HORIZONTAL CLEAR SPAN	—	VERTICAL CLEARANCE	—
HORIZONTAL CLEARANCE	—		

Version  
23.10.2017

Revision		Explanation		Date	Designer	Date	Acceptor		
Customer				Project					
<div></div> <div>MINISTERIO DE TRANSPORTE Y OBRAS PÚBLICAS</div>				Railway Project					
				Design phase					
				Pre-engineering, Phase 2					
				Content					
				Steel girder bridge 16 m Preliminary general drawing					
Supplier				<div></div>					
Drawer		23.10.2017	Ulla Marila					Loading	LM71-25
Designer		23.10.2017	Mikko Ilvonen					Coordinate and elevation reference system	WGS 84 UTM 21
Supervisor		23.10.2017	Reima Niklander					Railway line	
Accept.								Archive	Type
Cust. acc.							-	1	