

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

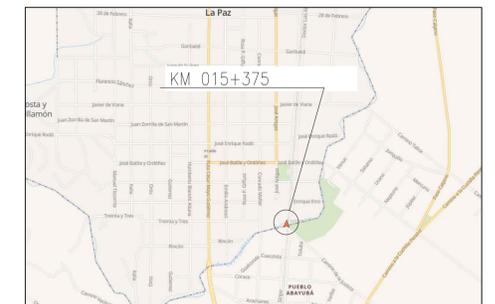
TRACK SUPERSTRUCTURE:
 WATER PROOFING MATERIAL 10 mm
 BALLAST 550 mm

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

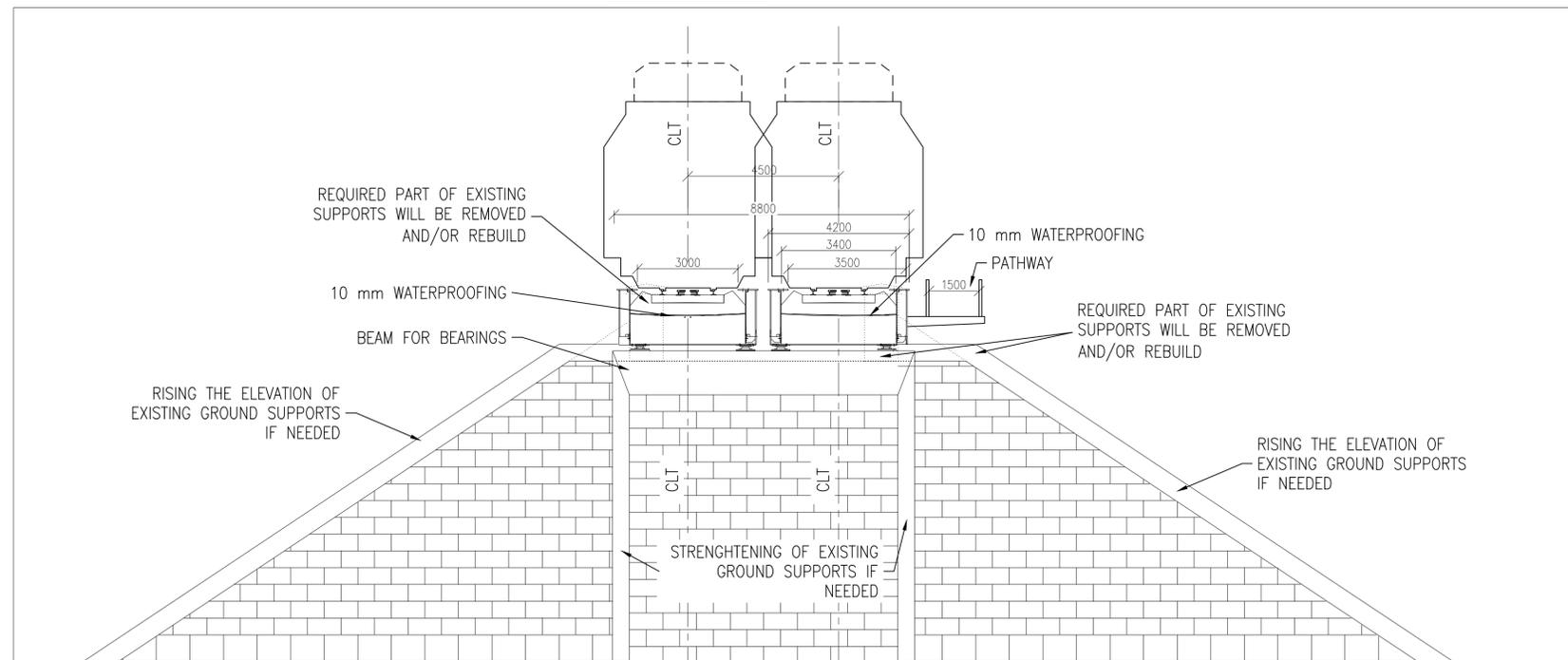
LIVE LOAD FOR WALKING PLATFORM 4kN/m2
 RAILING / FENCE: h = 1.1 m
 S355J2H
 HORIZONTAL LINE LOAD 1,0 KN/m
 VERTICAL POINT LOAD 1.0 KN

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)



B-B 1:100



BRIDGE TYPE	NEW STEEL DECK
SPANS	16 m
HORIZONTAL CLEAR SPAN	—
HORIZONTAL CLEARANCE	—
VERTICAL CLEARANCE	—

Version
23.10.2017

Revision	Explanation	Date	Designer	Date	Acceptor
Customer	 MINISTERIO DE TRANSPORTE Y OBRAS PÚBLICAS				
Project	Railway Project				
Design phase	Pre-engineering, Phase 2				
Content	BRIDGE LAS PIEDRAS NEW STEEL DECK Km+m 015+375				
Supplier	 VR TRACK				
Drawer	23.10.2017	Ulla Marita	Loading		
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	Number
Cust. acc.					Rev. Sheet
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