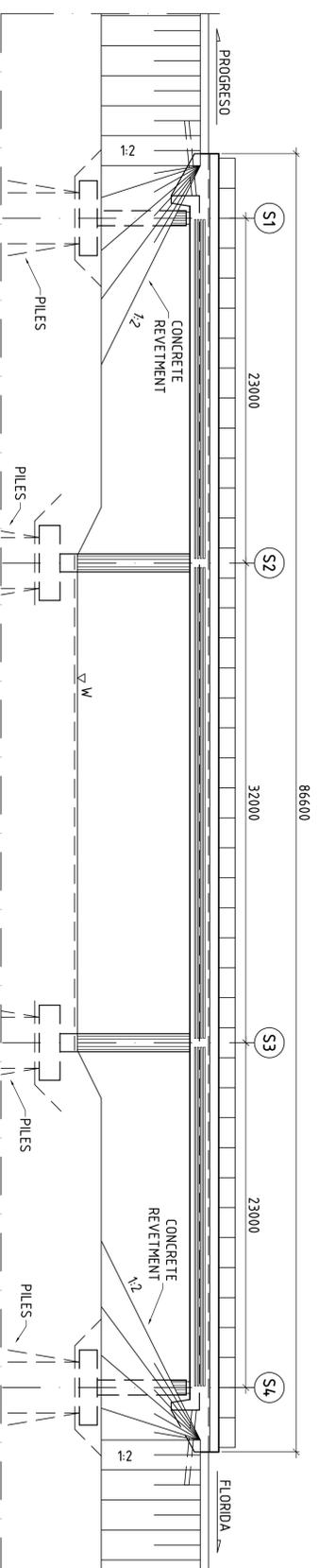
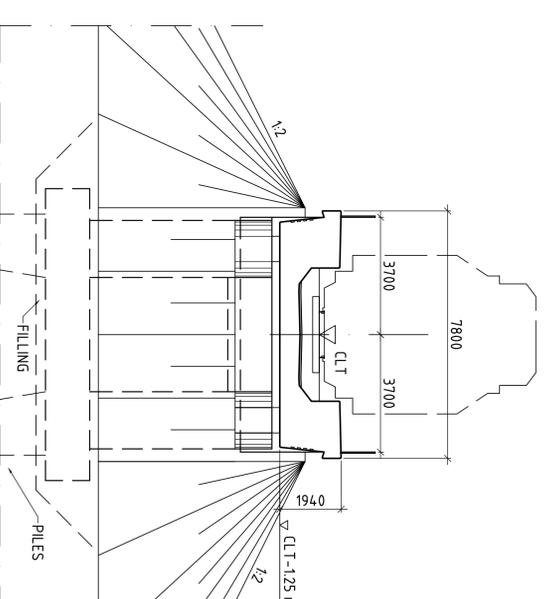


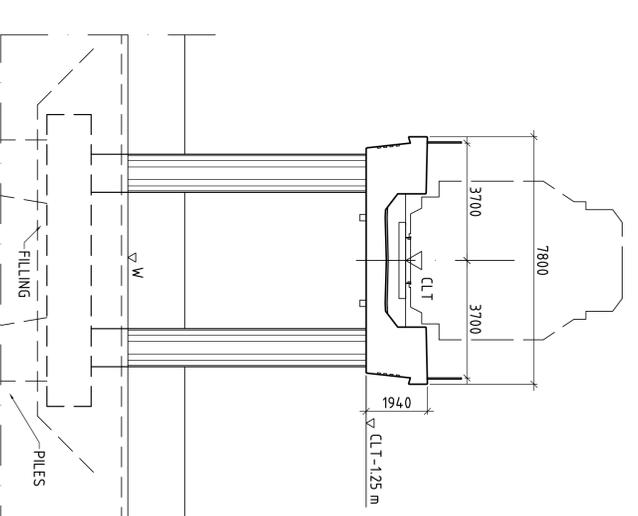
PROFILE C-C 1:200



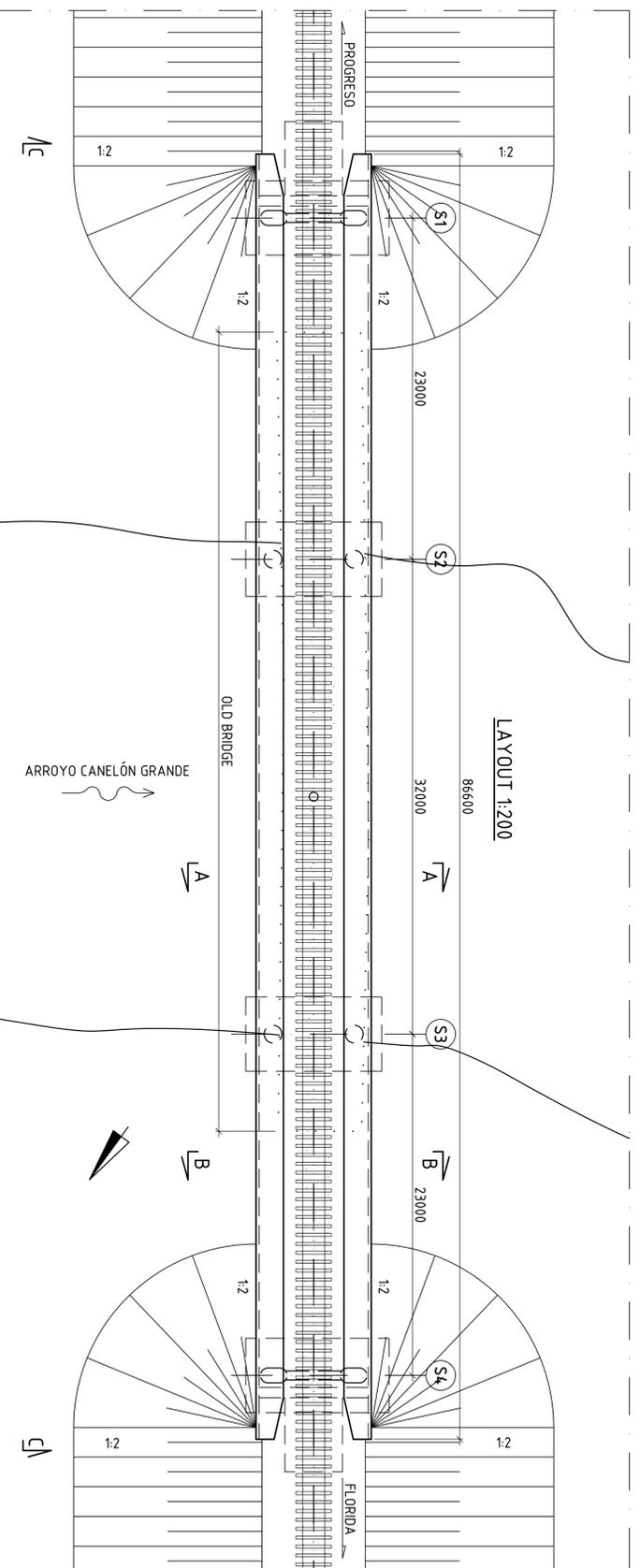
CROSS SECTION B-B 1:100



CROSS SECTION A-A 1:100



LAYOUT 1:200



CONCRETE: C40/50, $C_{min}=40$ mm

REINFORCING STEEL: B500B PRESTRESSING STEEL: S1600/1860

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

TRANSITION SLABS: PREFABRICATED TRANSITION SLABS 5.0 m OR CAST IN SITU 5.0 m CONCRETE C35/45

CONSTRUCTIONAL STEEL: S355 J2, HOT-DIP ZINC COATED

RAILING / FENCE: $h = 1.1$ m S355J2H

SURFACE STRUCTURE: WATER PROOFING MATERIAL PROTECTIVE CONCRETE BALLAST

HORIZONTAL LINE LOAD 1.0 kN/m VERTICAL POINT LOAD 1.0 kN

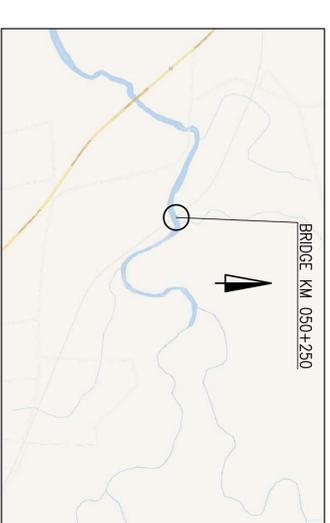
GENERAL INSTRUCTIONS
CLT = CENTER LINE of the TRACK
HC = HORIZONTAL CLEARANCE
LSD = LOWER SURFACE of the DECK
USR = UPPER SURFACE of the RAIL

ESTIMATED CONCRETE SUBSTRUCTURE: 385 m³ SUPERSTRUCTURE: 760 m³

ESTIMATED REINFORCING STEEL SUBSTRUCTURE: 14 m³ SUPERSTRUCTURE: 47000 kg

ESTIMATED PRESTRESSING STEEL SUBSTRUCTURE: 17000 kg SUPERSTRUCTURE: 95000 kg

RAILING BEARINGS: 172 m 4 pos



BRIDGE TYPE	CONTINUOUS PRESTRESSED CONCRETE GIRDER BRIDGE
SPANS	23.0 + 32.0 + 23.0 m
HORIZONTAL CLEARANCE	-
VERTICAL CLEARANCE	-

VERSION 15.12.2017

Revision	Explanation	Date	Designer	Date	Accepter
Customer	MINISTERIO DE TRANSPORTES Y OBRAS PÚBLICAS MT OPB V2 TRACK				
Project	Railway Project				
Design phase	Pre-engineering, Phase 2				
Supervisor	Margat railway bridge Preliminary general drawing Km+tm 050+250				
Author	Tomás Wiedemann	Designer	Reina Meléndez	Rev.	Sheet
Checker	Tomás Wiedemann	Designer	Reina Meléndez	Rev.	Sheet
Supervisor	Tomás Wiedemann	Designer	Reina Meléndez	Rev.	Sheet
Project	Margat railway bridge Preliminary general drawing Km+tm 050+250				
Author	Tomás Wiedemann	Designer	Reina Meléndez	Rev.	Sheet
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