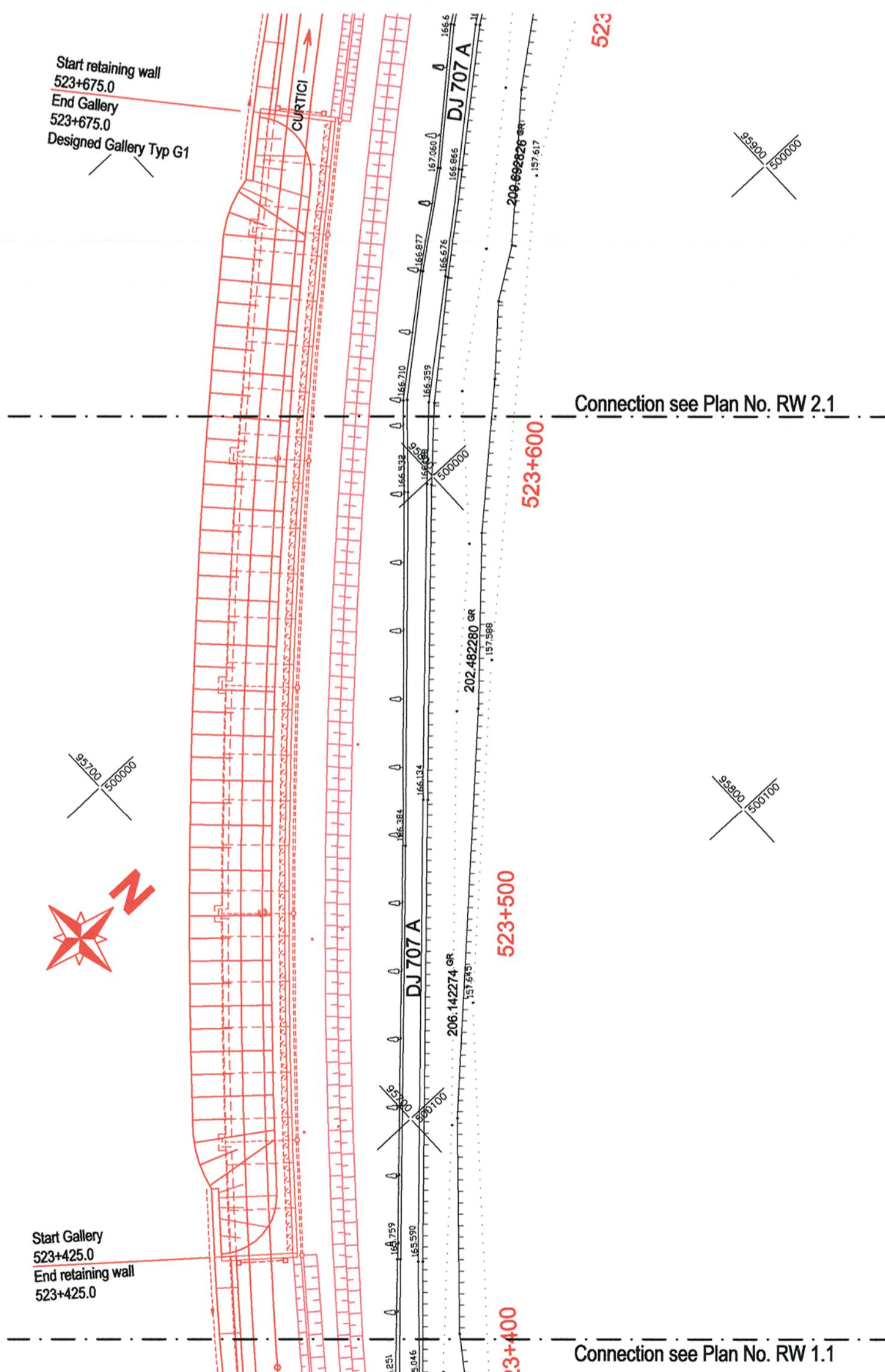
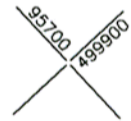


Layout Plan
Gallery PO 1
M=1:1000



NOTE:

- This plan was prepared based on the following data:
 - topographic survey; geotechnical study; technical expertise; data collected on the site;
- In order to make the gallery, the following works will be carried-out:
 - Excavation pit from top to floor and supporting the slopes with shotcrete and micropiles, drilling of drainage openings
 - Fitting of base foundation on the bottom
 - Construct of the gallery, waterproofing of the visible concrete areas
 - Cover the gallery
 - Mounting of the handrails
 - Recultivation of the upper slope
- During the execution, the provisions of the following documents will be strictly observed:
 - Practice code for the execution of works made of concrete, reinforced concrete and prestressed concrete, indicative NE 012-2007;
 - Practice code for the execution of the precast elements made of concrete, reinforced concrete and prestressed concrete, indicative NE 013-2002;
 - Normative for quality checking and taking over of afferent construction works, indicative C56-85
 - The Technical Specifications.
- Complying with H.G. 766/1997 this structure belongs to category "B" of importance.
- The project will be verified at A.4, B.2 and D.2 requirements.

OBSERVATE:

- Pe toate suprafețele din beton în contact cu pământul se vor aplica 2 straturi de emulsie din bitum fierizat.
- Protecția betonată a ablie se va executa cu rosturi conform C.S.

ATTENTION:

- All concrete surfaces in contact with soil will be coated with 2 bituminous layers.
- The concrete protection of the riverbed will be executed with joints according with technical specifications.

NOTA:

Pentru trasarea lucrărilor se vor folosi ca repere în plan axele liniilor c.f. iar ca repere de nivel cota NSS(Pr.).

NOTA:

For setting out the works, the axes of the railway lines will be utilized as reference marks in plan and the NSS(Dsg.) (top of the rail).

Longitudinal section	M 1:1000	PO 1.2
Cross Section 523+625	M. 1:100	PO 1.3
Cross Section 523+650	M. 1:100	PO 1.4
Regular Cross section gallery, building pit: H = 22,5 to 26 m	M. 1:50	POC 1
Regular Cross section gallery with niche, building pit: H = 26 to 30 m	M. 1:50	POC 2
Details	M. 1:10	POD 1



Verificator/Expert Checker / Expert	European Investment Bank	Cerinta Requirement	MINISTERUL TRANSPORTURILOR	Referat / Expertiza Report / Expertise	
	BENEFICIAR / BENEFICIARY : COMPANIA NAȚIONALĂ DE CĂI FERATE "CFR" SA				
PROIECTANT / DESIGNER:				Data Date	Semnatura Signature
Aprobat Approved	Sef de echipa Team leader	C. Teodorescu		06/2013	
Verificat Checked	Expert Cheie Key Expert	M. Diegmann		06/2013	
Aprobat Approved	Adjunct Sef de echipa Deputy Team leader	J. Werfling		06/2013	
Proiectat Designed	Inginer Engineer	D. Ciotarmel		06/2013	
				Project 9i 35311.1	
"Reabilitarea liniei c.f. Frontiera - Curtici - Simeria, parte componentă a coridorului IV Pan - European pentru circulația trenurilor cu viteză maximă de 160 km/h"					
"Rehabilitation of the Railway Line Border - Curtici - Simeria, component Part of the IV Pan - European Corridor for the Trains Circulation with maximum speed of 160 km/h"					
Section 2 :km 614-Gurasada					
Denumire desen / Drawing name: PLAN DE SITUATIE LAYOUT PLAN - GALLERY km 523+425 - km 523+675					
Scara / Scale 1:1000				Cod desen / Drawing Code PO 1.1	
				Nr / No PO 1	