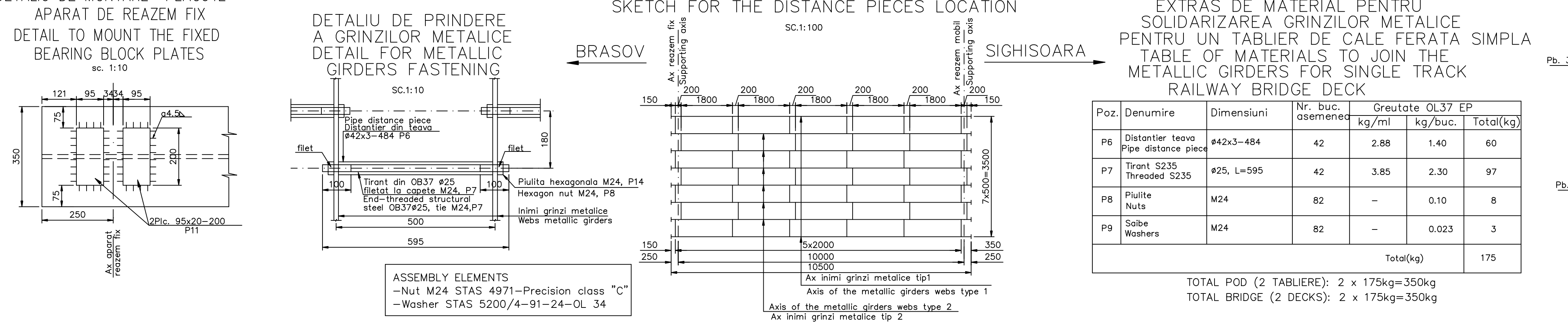
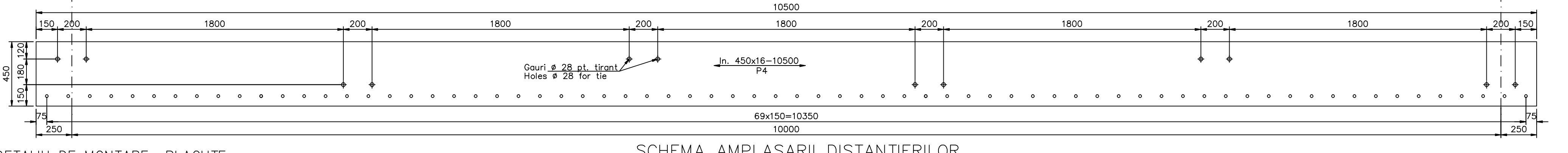
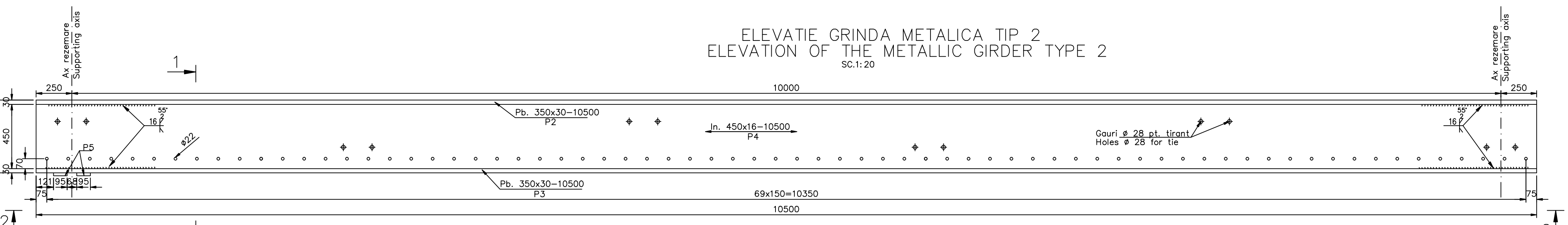
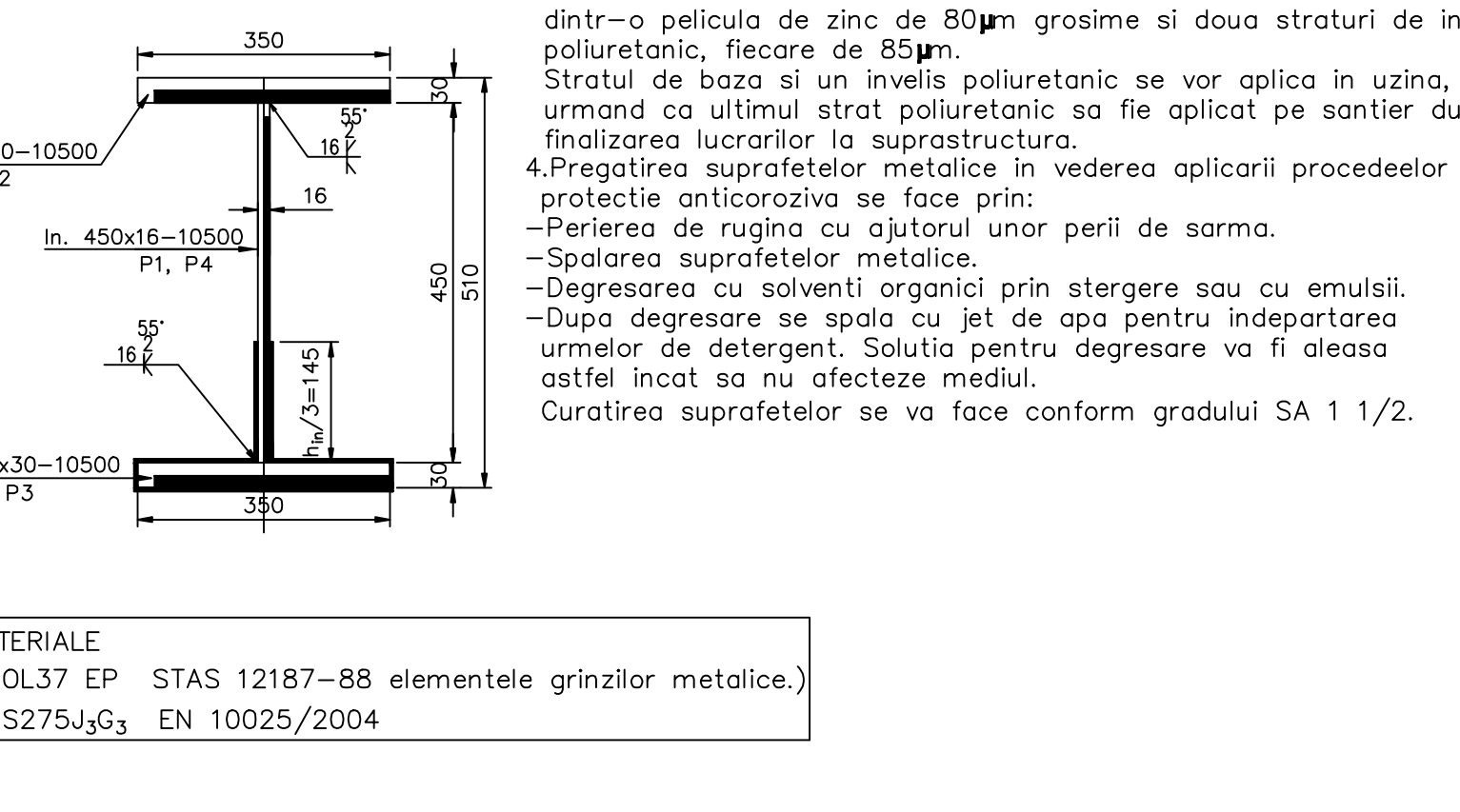
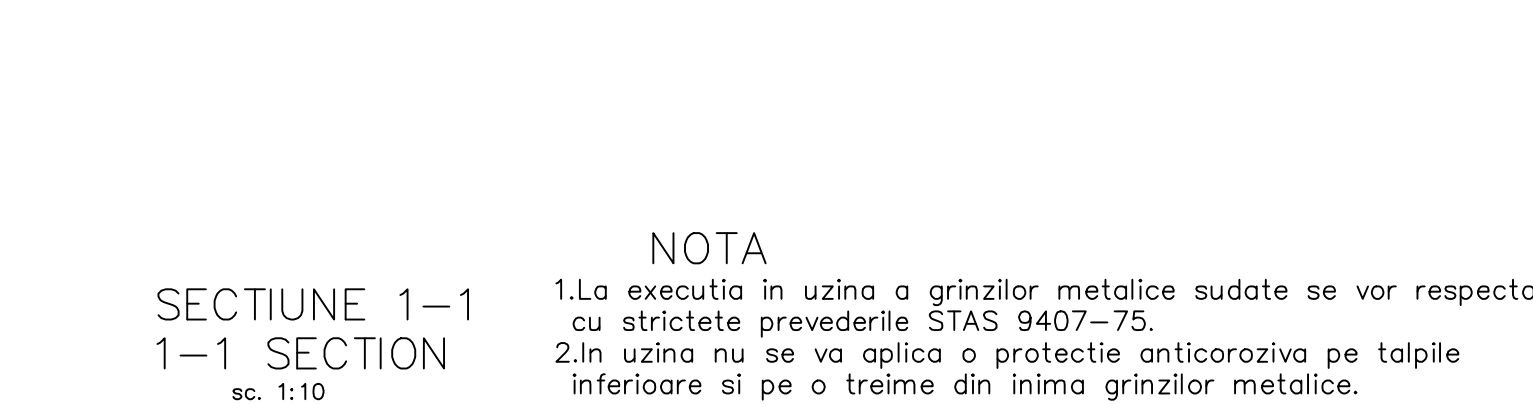
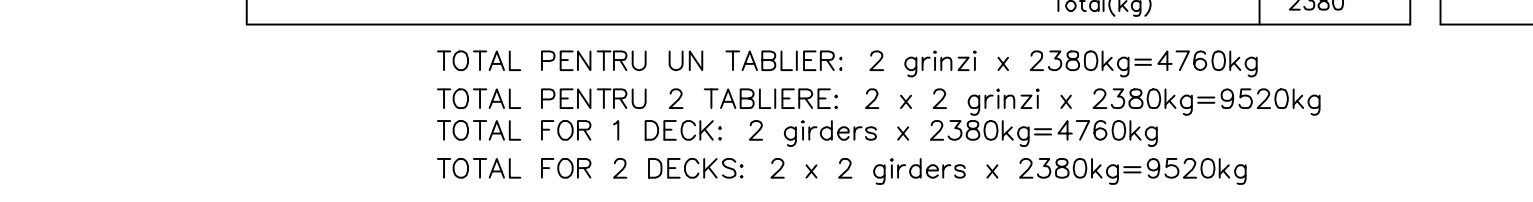
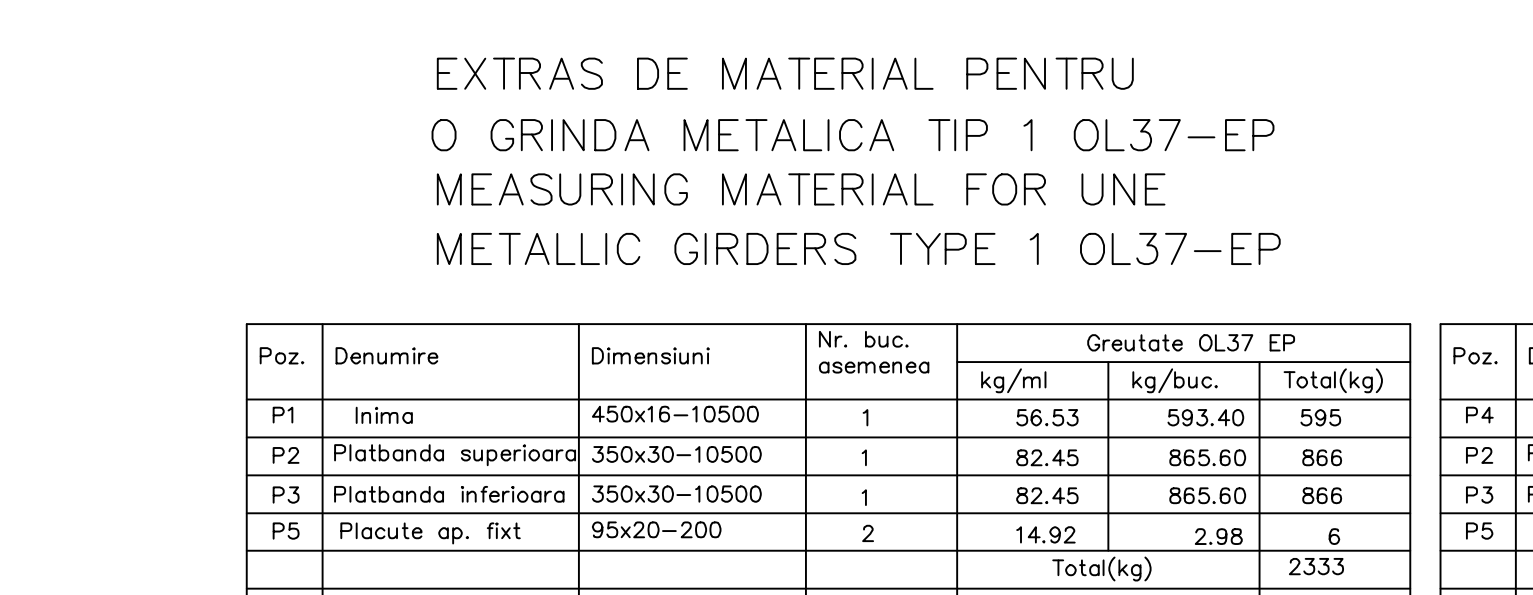


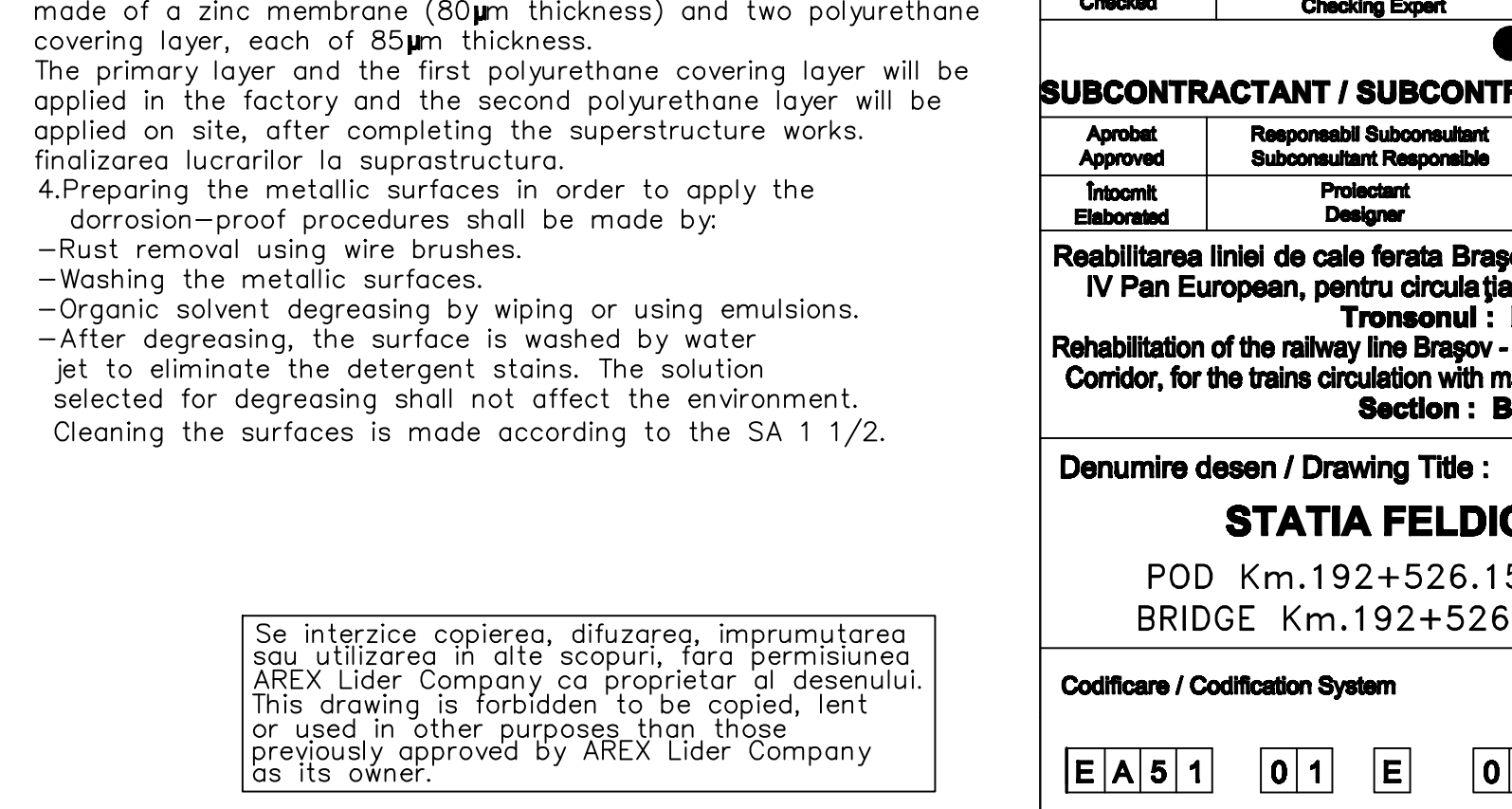
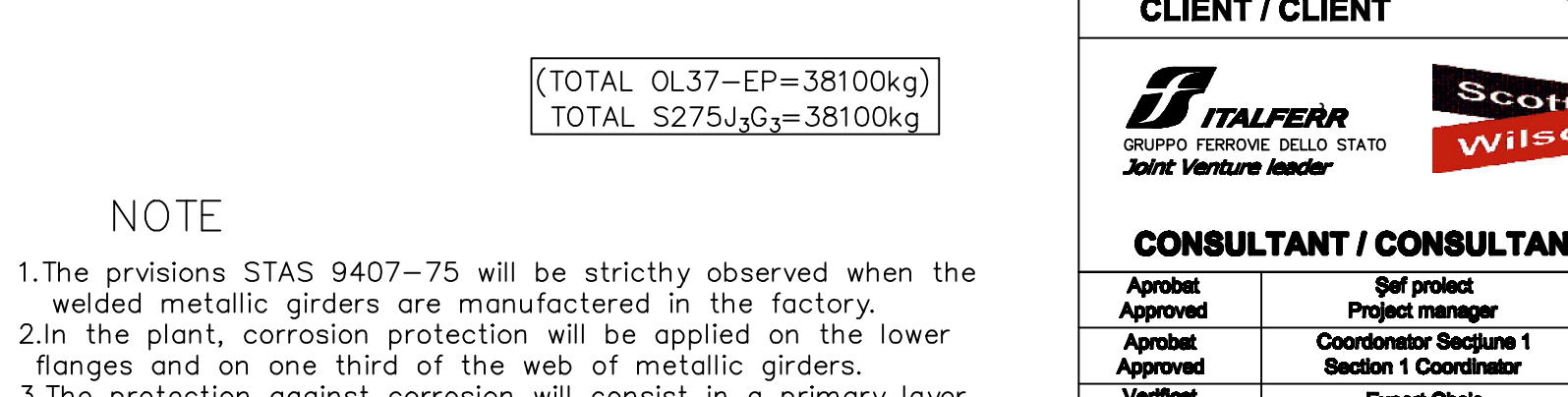
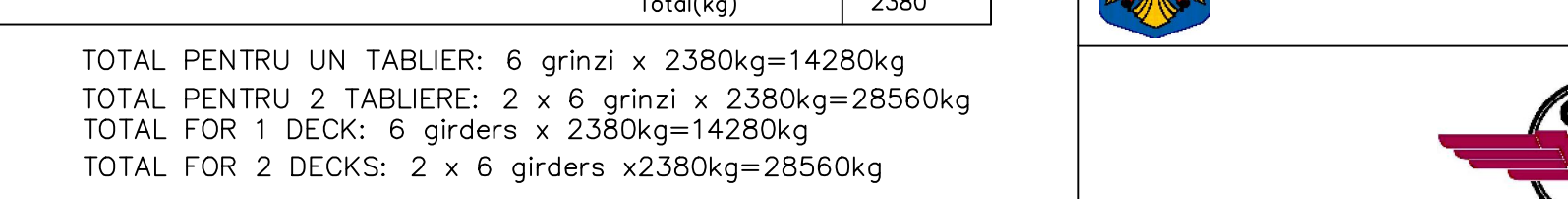
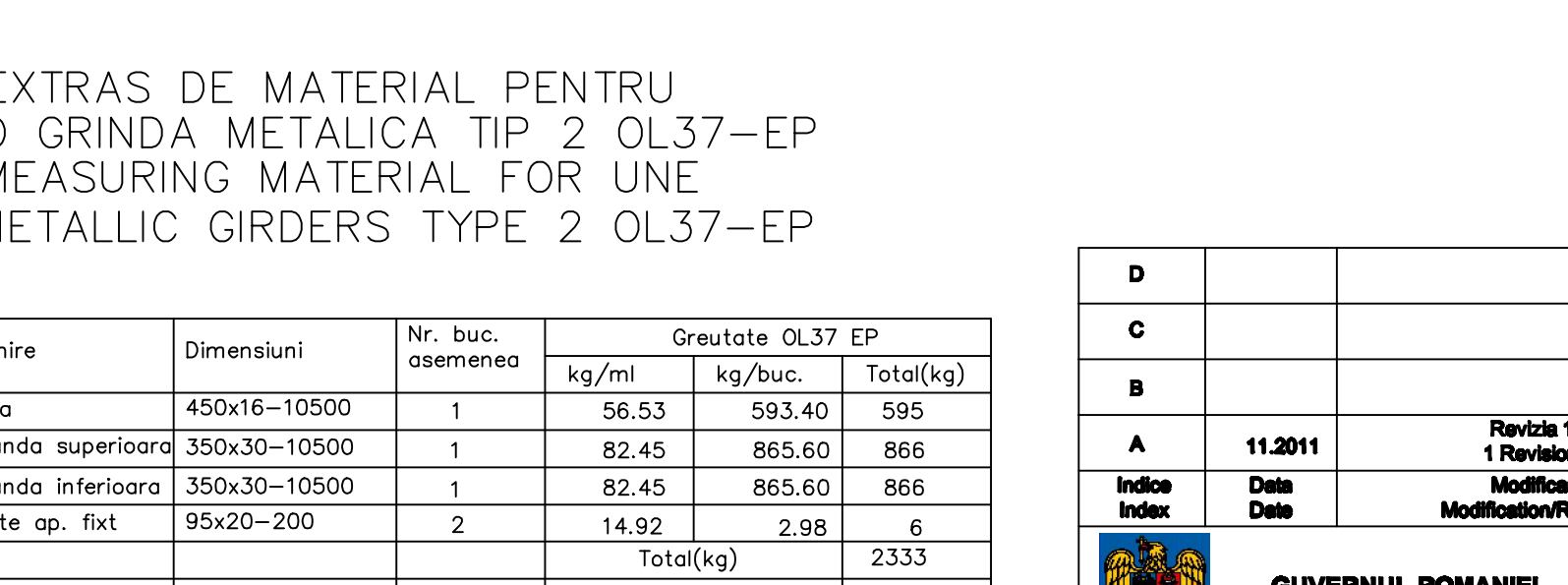
NOTA/NOTE
Placutele de la aparatele de reazem se vor sămțreana cu un unghi de 60°. Gaurile din inima pentru armatura de rezistență vor fi alezate.
The plates of the bearing blocks will be chamfered at an angle of 60°. The web holes for the strong reinforcements will be bored.



ASSEMBLY ELEMENTS
-Nut M24 STAS 4971-88 Clasa de precizie "C"
-Saiba STAS 5200/4-91-24-OL 34



ASSEMBLY ELEMENTS
-Nut M24 STAS 4971-88 Clasa de precizie "C"
-Saiba STAS 5200/4-91-24-OL 34



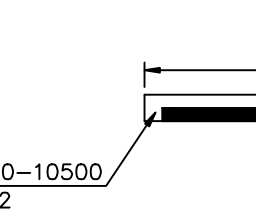
ASSEMBLY ELEMENTS
-Nut M24 STAS 4971-88 Clasa de precizie "C"
-Saiba STAS 5200/4-91-24-OL 34

TOTAL PENTRU UN TABLIER: 2 grinzi x 2380kg=4760kg
TOTAL PENTRU 2 TABLIERE: 2 x 2 grinzi x 2380kg=9520kg
TOTAL FOR 1 DECK: 2 girders x 2380kg=4760kg
TOTAL FOR 2 DECKS: 2 x 2 girders x 2380kg=9520kg

TOTAL PENTRU UN TABLIER: 6 grinzi x 2380kg=14280kg
TOTAL PENTRU 2 TABLIERE: 2 x 6 grinzi x 2380kg=28560kg
TOTAL FOR 1 DECK: 6 girders x 2380kg=14280kg
TOTAL FOR 2 DECKS: 2 x 6 girders x 2380kg=28560kg

NOTA
1.La executia in uzina a grinzilor metalice sudate se vor respecta cu strictete prevederile STAS 9407-75.
2.In uzina nu se va aplica o protectie anticoroziva pe talpile inferioare si pe o treime din inima grinzilor metalice.
3.Protectia anticoroziva se va executa dintr-un strat de baza alcătuit dintr-o pelicula de zinc de 80µm grosime si doua straturi de invelis poliuretanic, fiecare de 85µm.
Stratul de baza si un invelis poliuretanic se vor aplica in uzina, urmand ca ultimul strat poliuretanic sa fie aplicat pe santier dupa finalizarea lucrarilor la suprastructura.
4.Pregatirea suprafetelor metalice in vederea aplicarii procedeelelor de protectie anticoroziva se face prin:
-Perierea de rugina cu ajutorul unor perii de sarma.
-Spalarea suprafetelor metalice.
-Degresarea cu solventi organici prin stergere sau cu emulsi.
-Dupa degresare se spala cu jet de apa pentru indepartarea urmelor de detergent. Solutia pentru degresare va fi aleasa astfel incat sa nu afecteze mediul.
Curatirea suprafetelor se va face conform gradului SA 1 1/2.

NOTE
1.The provisions STAS 9407-75 will be strictly observed when the welded metallic girders are manufactured in the factory.
2.In the plant, corrosion protection will be applied on the lower flanges and on one third of the web of metallic girders.
3.The protection against corrosion will consist in a primary layer made of a zinc membrane (80µm thickness) and two polyurethane covering layer, each of 85µm thickness.
The primary layer and the first polyurethane covering layer will be applied in the factory and the second polyurethane layer will be applied on site, after completing the superstructure works.
4.Preparing the metallic surfaces in order to apply the corrosion-proof procedures shall be made by:
-Rust removal using wire brushes.
-Washing the metallic surfaces.
-Organic solvent degreasing by wiping or using emulsions.
-After degreasing, the surface is washed by water jet to eliminate the detergent stains. The solution selected for degreasing shall not affect the environment.
Cleaning the surfaces is made according to the SA 1 1/2.



MATERIALE
(- OL37 EP STAS 12187-88 elementele grinzilor metalice.)
- S275J3 EN 10025/2004

SECTIUNE 1-1 1-1 SECTION sc. 1:10

Poz.	Denumire	Dimensiuni	Nr. buc. asemenea	Greutate OL37 EP kg/ml	kg/buc.	Total(kg)
P6	Distanțier teava Pipe distance piec.	ø42x3-484	42	2.88	1.40	60
P7	Tirant S235 Threaded S235	ø25, L=595	42	3.85	2.30	97
P8	Piulițe Nuts	M24	82	-	0.10	8
P9	Saibe Washers	M24	82	-	0.023	3
				Total(kg)		175

TOTAL POD (2 TABLIERE): 2 x 175kg=350kg
TOTAL BRIDGE (2 DECKS): 2 x 175kg=350kg

GUVERNUL ROMANIEI ROMANIAN GOVERNMENT **PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ EUROPEAN UNION FINANCED PROJECT**

CFR C.N.C.F. "C.F.R." - S.A.

CLIENT / CLIENT

CONSULTANT / CONSULTANT

Approbat / Approved	Șef proiect / Project manager	R. Liuzza	Data / Date	Semnătură / Signature
Approbat / Approved	Coordonator Secțiune 1 / Section 1 Coordinator	C. Gambelli		
Verificat / Checked	Expert Cheie / Checking Expert	V. Kallidromitis		

SUBCONTRACTANT / SUBCONTRACTOR

Approbat / Approved	Responsabil Subcontractant / Subcontractant Responsible	A. Dinulescu Stanolu	06.2011	
Elaborat / Elaborated	Proiectant / Designer	Campan Maria	06.2011	

Reabilitarea liniei de cale ferată Brașov - Simeria, parte componentă a coridorului IV Pan European, pentru circulația trenurilor cu viteză maximă de 160 km/h, Tronconul : Brașov - Sighișoara
Rehabilitation of the railway line Brașov - Simeria, component part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h, Section : Brașov - Sighișoara

Project/Project 2004/RO18/PFA/003
Faza / Phase: P.Th. / T.D.

Denumire desen / Drawing Title :
STATIA FELDIOARA / STATION FELDIOARA
POD Km.192+526.157 L=10.00m/GRINZI METALICE-TABLIER 3
BRIDGE Km.192+526.157 L=10.00m/METALLIC GIRDERS-DECK 3

Codificare / Codification System **Scara / Scale 1:20;1:10;1:100** **LOT / LOT** **Nr. / No 01 / 01**

E A 5 1 0 1 E 0 7 B C P V 0 0 7 3 0 0 8 0