



NOTA :

1. Acest plan se va citi corelat cu celelalte planuri ale copertinei din statia STUPINI si planurile corespunzatoare de instalatii, electrice si telecomunicatii.
2. Intinzatorul P55 din alcatuirea contravanturilor va fi reglat astfel incat, la sfarsitul montajului paneele sa fie drepte, paralele intre ele, si sa nu faca sageata in planul copertinei.
3. Toate elementele intinzatoare P55 se vor pozitiona spre pana centrala a copertinei, respectiv tip 4.
4. Piesele intinzator P55 se vor vopsi pe santier dupa montarea structurii, strangerea piulilor de blocare si verificarea finala a structurii.
5. Confectiile metalice vor respecta conditiile de executie, montare si receptie precizate in "Caietul de Sarcini" al lucrarii.
6. Protectia confectionilor metalice se realizeaza in sistem MC MIOZINC / MIOMASTIC / LUSTER conform "Caietului de Sarcini" si a specificatiilor tehnice ale producatorului.
7. Recomandam ca toate cele 3 straturi de protectie sa fi aplicate in uzina, (dupa asamblarea elementelor structurale se pot face pe santier doar mici corectii la stratul final).
8. Dupa receptia facuta in uzina nu se mai permite nici o interventie asupra elementelor-contravanturii, de genul : gaurire, sudura, taiere, polizare, etc.
9. Pentru transportul elementelor finite (contravanturii), acestea se vor ambala in hartie cerata si se vor aseza pe suport de lemn adecvat. Materialul marunt (suruburi, saibe, piulite, etc.) se va transporta in cutii de lemn.

NOTE:

1. This plan shall be read in correlation with the other structural drawings of the canopy (of the STUPINI station), and the afferent drawings for sanitary, electrical and telecommunications installations of the canopy.
2. The top tie tensioner, P55 part of the wind bracing, shall be adjusted so as the purlins shall be straight, parallel, and to avoid deflections in the canopy plan.
3. All the tensioning elements P55 shall be positioned towards the central purlin of the canopy, respectively type 4.
4. The top tie tensioners, P55 will be painted on site after mounting the assembly, fastening the locking nuts, and final checking of the structure.
5. The steel elements shall comply with the manufacturing, mounting and reception conditions, stipulated in the "Technical Specifications for the Work".
6. The steel elements are protected by using MC MIOZINC/ MIOMASTIC/ LUSTER system - as described in "Technical Specifications for the Work" and in the Manufacturer's Technical Specifications.
7. It is recommended that, the 3 protection layers to be applied in the plant, (after assembling only small corrections of the final layer can be made on site).
8. After the acceptance made in the plant, no intervention such as boring, welding, cutting, polishing etc. is allowed for the elements - windbracing.
9. Regarding the transport conditions, the elements (windbracing), will be packed in waxed paper and will be placed on adequate wood supports. The small pieces (screws, washers, nuts, etc.) will be transported in wood boxes.

EXTRAS DE LAMINATE : CONTRAVANTUIRI / STATIE
 pentru 1buc. tronson = 6,00m.
 LAMINATED ELEMENTS TABLE : WINDBRACING / STATION
 for 1 pcs. section = 6,00m

Poz. Position	Denumirea Denomination	Dimensiuni Dimensions (mm)	Lungime length (m.m.)	Bucleti Pieces	Greutate kg Weight		TOTAL
					/ml /m	/buc /pieces	
P51	Guseu contravantuire Connection plate	6x60-	140	16	2.83	0.40	6.40
P52	Element contrav. (teava) Windbracing element (pipe)	Ø32x6-	200	8	3.85	0.77	6.16
P53	Montant contrav. Windbracing upright element	Ø32x6-	1024	4	3.85	3.94	15.76
P54	Diagonala contrav. Windbracing diagonal element	Ø32x6-	1938	4	3.85	7.46	29.84
P55	Intinzator tirant cu filet stanga-dreapta Top tie tensioner with left-right thread	M24-	230	8	3.916	0.90	7.20
P56	Surub grupa 6.6 Holding bolt group 6.6	M18-	55	16	-	0.154	2.47
P57	Saiba Washer	Saiba M18	-	16	-	0.014	0.23
P58	Piulita Nut	M18-	-	16	-	0.0494	0.79
P59	Piulita de blocare - stanga Locking nut - left	M24stg / left	-	8	-	0.0973	0.78
P60	Piulita de blocare - dreapta Locking nut - right	M24dr / right	-	8	-	0.0973	0.78
TOTAL LAMINATE TOTAL LAMINATED ELEMENTS							70.41
ELECTROZI + GRIND ELECTRODES + WELDING 3%							2.59
TOTAL kg. / 1buc. TOTAL kg. / 1pcs.							73.00

SUDURI
 Acolo unde nu exista alte precizari, sudurile se vor realiza cu grosimea cordonului de sudura a = 0,7 t min (unde t min = cea mai mica grosime a pieselor care se sudeaza)

WELDING
 If there are no other specifications, the welding will have the welding seam a = 0,7 t min (where t min = the smallest thickness of pieces to be welded)

MATERIALE
 * Laminata: S235J2G3 (OL37.3n)
 * Suruburi M18 grupa 6.6

MATERIALS
 * Rolled elements: S235J2G3 (OL37.3n)
 * Bolts M18 resistance group 6.6

D							
C							
B							
A							
Index	Date	Modificari Modification/Revision	Proiectant Designer	Aprobat Approved	Consultant Consultant	Aprobat CFR Approved CFR	

GUVERNUL ROMANIEI ROMANIAN GOVERNMENT

PROIECT FINANAT DE UNIUNEA EUROPEANA EUROPEAN UNION FINANCED PROJECT

CLIENT / CLIENT: C.N.C.F. "C.F.R." - S.A.

CONSULTANT / CONSULTANT: R. LUZZA, C. GAMBELLI, GIUSEPPE FIORAVANTI

Subcontractant / Subcontractor: A-Stancu - Dinulescu, Ing. / eng. Tudor ALMALEH

Reabilitarea liniei de cale ferata Brasov - Simeria, parte componenta a coridorului IV Pan European, pentru circulatia trenurilor cu viteza maxima de 160 km/h, Tronsonul : Brasov - Sighisora

Rehabilitation of the railway line Brasov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h, Section : Brasov - Sighisora

Denumire desen / Drawing Title : COPERTINA - STATIA STUPINI : CONTRAVANTUIRI - PLAN MONTAJ SI DETALII CANOPY - STUPINI STATION : WINDBRACING - MOUNTING PLAN AND DETAILS

Codificare / Codification System: E A 5 1 0 1 E 0 3 B Z C C 0 0 2 3 0 0 7 1