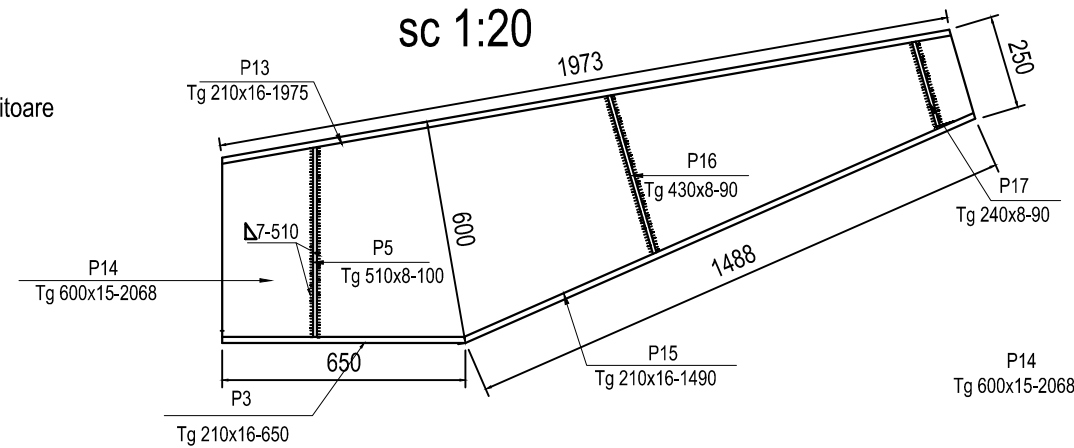
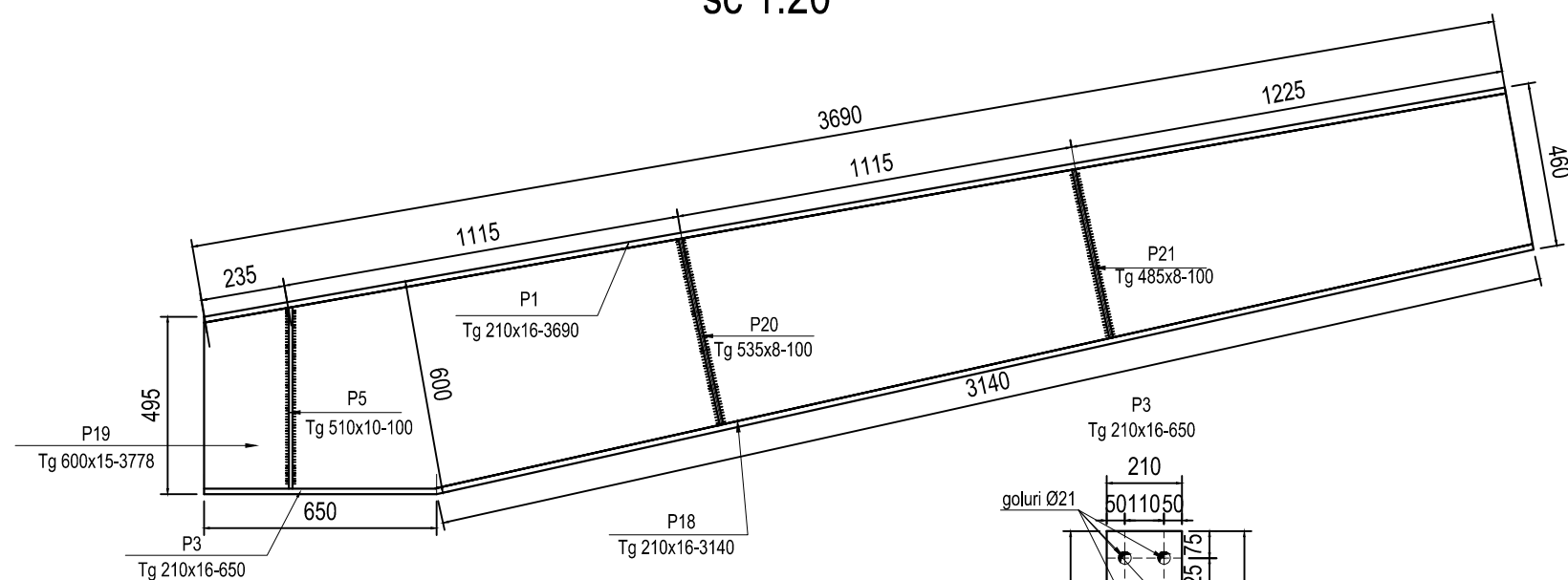


Pieseile metalice se vor suda pe toata lungimea de suprapunere, sudura avand grosimea $0.7t_{\min}$ (t_{\min} = grosime minima piesa sudata)

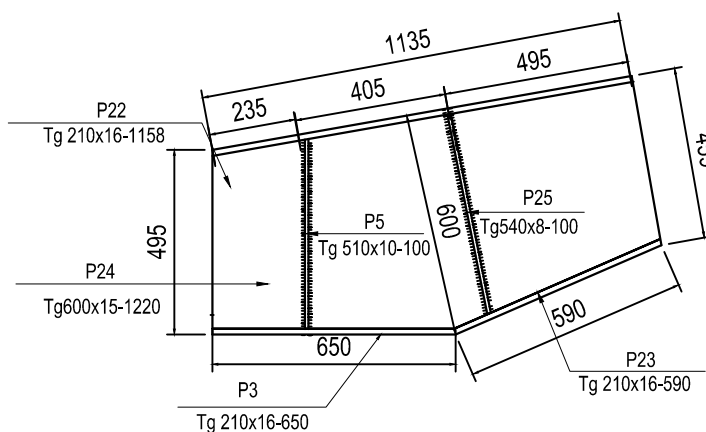
P3 grinda principala
tip 2 - 4 bucati
sc 1:20



P4 grinda principala
tip 3 -1 bucata
sc 1:20



P5 grinda principala
tip 4 - 1 bucata
sc 1:20



grinda principala
tip 2 - 4 bucati

EXTRAS DE LAMINATE						
Poz.	Denumire	Lungimea	Bucati	Greutate pe		
				ml	buc.	totala
		[mm]				
P3	Tg 210x16	650	1	26.370	17.14	17.14
P5	Tg 510x10	100	2	40.030	4.00	8.01
P13	Tg 210 x16	1975	1	26.370	52.08	52.08
P14	Tg 600x15	2068	1	70.650	146.10	146.10
P15	Tg 210x16	1490	1	26.370	39.29	39.29
P16	Tg 430x8	90	2	27.000	2.43	4.86
P17	Tg 240x8	90	2	15.070	1.36	2.71
TOTAL						77.23
ELECTROZI 3%						2.317
TOTAL						79.54
TOTAL 4 BUCATI						318.16

grinda principala
tip 3 - 1 bucata

EXTRAS DE LAMINATE						
Poz.	Denumire	Lungimea [mm]	Bucati	Greutate pe		
				ml	buc.	totala
P1	Tg 210x16	3775	1	26.370	97.96	97.96
P3	Tg 210x16	650	1	26.370	17.14	17.14
P5	Tg 510x10	100	2	40.030	4.00	8.01
P18	Tg 210 x16	3140	1	26.370	82.80	82.80
P19	Tg 600x15	3778	1	70.650	266.92	266.92
P20	Tg 535x8	100	2	33.590	3.36	6.72
P21	Tg 485x8	100	2	30.460	3.05	6.09
TOTAL						205.91
ELECTROZI 3%						6.177
TOTAL						212.10

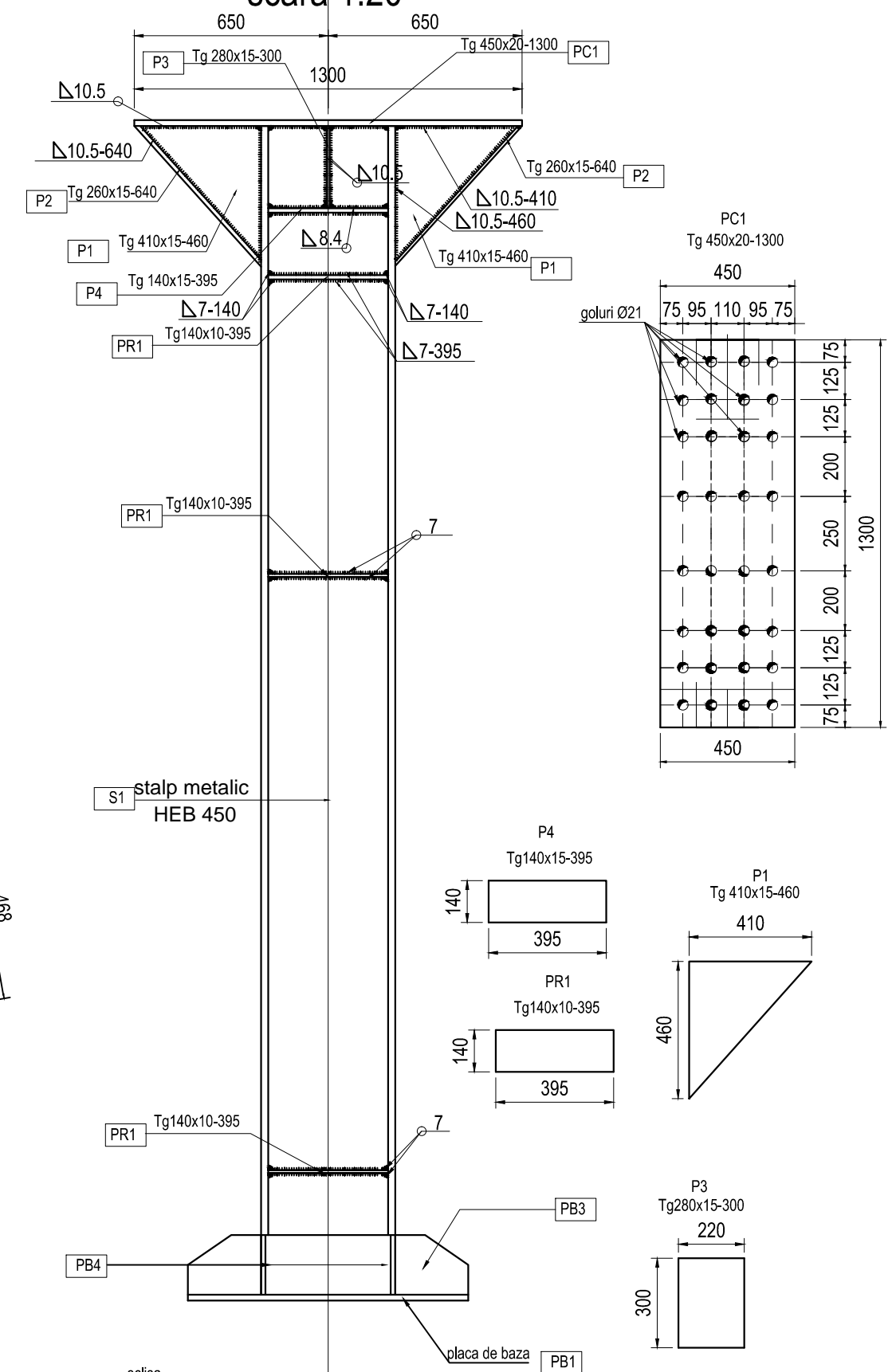
grinda principala
tip 4 - 1 bucata

EXTRAS DE LAMINATE						
Poz.	Denumire	Lungimea [mm]	Bucati	Greutate pe		
				ml	buc.	totala
P3	Tg 210x16	650	1	26.370	17.14	17.14
P5	Tg 510x10	100	2	40.030	4.00	8.01
P22	Tg 210 x16	1135	1	26.370	29.93	29.93
P23	Tg 210x16	590	1	26.370	15.56	15.56
P24	Tg 600x15	1220	1	70.650	86.19	86.19
P25	Tg 540x8	100	2	33.910	3.39	6.78
TOTAL						55.08
ELECTROZI 3%						1.652
TOTAL						56.73

Extras eclisa						
Poz eclisa	Denumire	Lungimea	Bucati	Greutate pe		
				ml	buc.	totala
	Tg 350x10	260	12	27.470	7.14	85.68
TOTAL						85.68
ELECTROZI 3%						2.570
TOTAL						88.25


-- otel EN 10025 -S355JR,S235JR
Tabla groasa SR EN 10029
- Lamine SR EN 10034, SR EN 10056-2
-- Electrozi sudura E 43,3 ; B 11
Suruburi M20 clasa 8.8(10.9)

Stalp peron S1
scara 1:20



eclisa
Tg 350x10-260
eclisa va fi sudata de grinzi tip peron la fata locului

Extras de laminate stalpi						
POZ	DENUMIRE	LUNGIME	Buc	kg/ml	Greutatea kg	
S1	HEB 450	4095	1	175.00	716.63	716.63
P1	Tg 410x15	460	2	41.91	20.96	41.92
P2	Tg 260x15	460	2	23.55	15.96	21.67
P3	Tg 280x15	300	2	13.19	3.96	7.91
P4	Tg140x15	395	2	13.19	5.21	10.42
PR1	Tg 140x10	395	6	11.00	3.84	26.07
PC1	Tg 360x20	1300	1	56.52	73.48	73.48
PB1	Tg 830x30	890	1	195.46	173.96	173.96
PB2	Pb 830x10	890	1	65.15	57.98	57.98
PB3	Tg 830x15	200	2	65.15	13.03	26.06
PB4	Tg250x15	200	4	19.62	3.92	15.70
TOTAL	Total piese metalice					1171.79
ELECTR	Electrozii pentru sudura					35.15
TOTAL	TOTAL PIESE METALICE 1 stalp					1206.94
	TOTAL 6 STALPI					6636.06

	ing. Haiduc Ioan		A1: A2			
Verificator / Expert	Nume		Cerinta		Referat/ Expertiza Nr. / Data	
	P.F. A Kiss Brigita C.U.I.: 31523913 Marghita, Str. T. Vladimirescu nr.33 jud. Bihor Tel.: 0740/144294 e-mail: kissbrigita@yahoo.com		Beneficiar: S.C. O.T.L.S.A ORADEA Lucrare: Amplasare statie transbordare (autogara) str. Stefan cel Mare, municipiul Oradea, jud. Bihor		Contr. nr. 1/2015	
					Faza P.T + D.E.	
	Sef proiect	ing. Platon Arnold	Scara 1:20			FASONARE GRINDA TIP 2, TIP 3 TIP 4 SI STALP S1 COPERTINA 5/R
	Proiectat	ing. Kiss Brigita	Data: feb. 2015			
Desenat	ing. Kiss Brigita					