

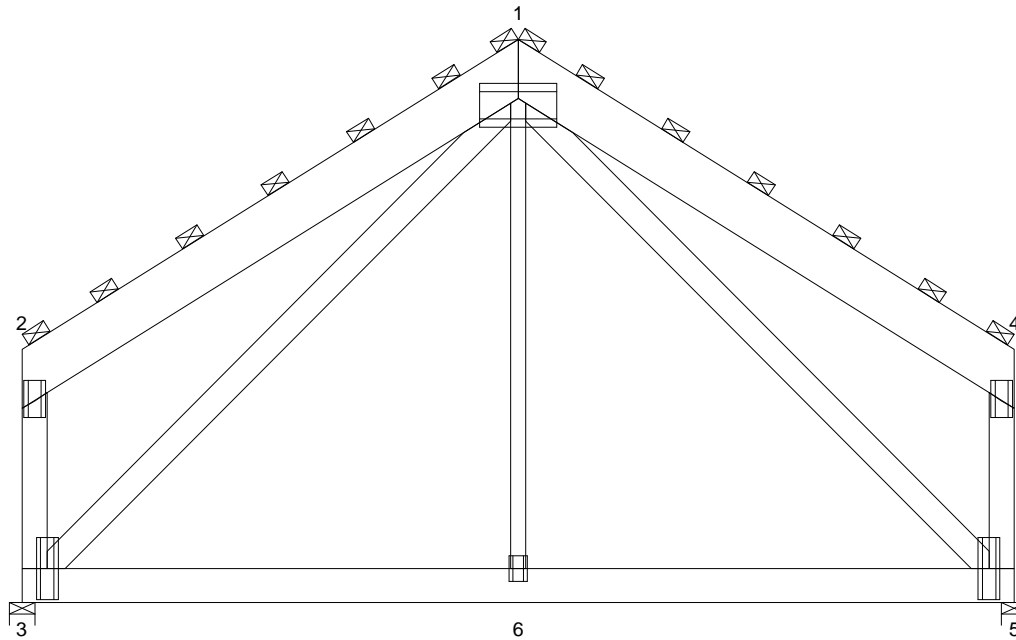
F1 - 2 buc. 1-pliu

INDICA ZABREAUA CONTRAVANTUITA
VEZI INFO. TB96-10

Greut.: 45 kg/pliu

DIRECTII GENERALE:

CONSTRUCTIE CALCULATA CU PROGRAMUL
DE CALCULATOR "TRUSSCON". LIC.NO: 13002
FORTELE AU FOST CALCULATE IN CORCONDANTA CU
TEORIA DEFORMATIILOR DE ORDIN 1.
COD LEMN: SR EN 1995+NA
COD CONECTORI: SR EN 1995+NA;

**SETARI GENERALE:**

GROSIME LEMN: (mm)	48
INTERAX FERME: (mm)	895
ZONA CLIMATICA:	2
CLASA DE SIGURANTA:	2

INCARCARI (kN/m²):

INCARCARE ZAPADA (VALOAREA DE BAZA):	2.00
INCARCARE VANT (VALOAREA DE BAZA):	0.96
INCARCARE UTILA:	NR
	1 0.25

INCARCARI PERMANENTE: VEZI TABELUL DE LEMN
ALTE INCARCARI: VEZI NOTE DE CALCUL

REACTIUNI REAZEM (kN/kNm) (ULTIME):

NR	DIR.	PERM. MAX	MED. MAX	SCURT MAX	INST. MAX	INST. SUP-W. MIN	MM
3	Oriz	0.00	0.00	0.00	3.05	0.00	
3	Vert	2.60	0.00	7.01	7.73	-0.70	52
5	Vert	2.60	0.00	7.01	7.73	-0.70	52

PREZENTUL PROIECT ESTE CALCULAT CU PLACI MULTICUI MITEK CONFORM
CE 1020-CPD-070038938 SI ESTE VALABIL NUMAI IN CONDITIILE FOLOSIRII PLACILOR MULTICUI SPECIFICATE.

TOLERANTA AMPLASARE CONECTORI: 10 mm

LEMN:						CONECTORI - IMBINARI (NU INNADIRI):					CONECTORI - INNADIRI:				
ELEMENT CONSTR.	LATIME mm	CLASA	CTW mm	CARCARE kN/m²	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %
2-1	200	C24	400	0.60	32	1	T150	176	308	75					
1-4	200	C24	400	0.60	32	2	T150	88	146	72					
3-5	135	C24	Da	0.26	19	3	T150	88	245	63					
2-3	100	C24	Nu		20	4	T150	88	146	72					
4-5	100	C24	Nu		20	5	T150	88	245	63					
1-3	100	C24	Nu		85	6	T150	73	102	55					
1-5	100	C24	Nu		85										
1-6	60	C24	Nu		6										

DEFORMARE MAX. (mm) (EXPL. NORMALA):

NR. NOD	VERT.	ORIZ.	NR LC.
1-5	4.1	-2.7	28
1-3	4.1	3.1	30
4-5	0.4	2.1	40

PENTRU DEFORMATII IN ALTE PUNCTE: VEZI NOTE DE CALCUL

VERSIUNEA: 2011 SR26
TIME: 11.55

DESENAT VERIFICAT PROIECT NR.
mansarda casa

Truss F1
Costache

SCARA 1:30(A4)

, 20110831

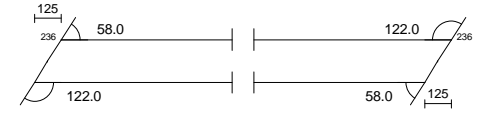
TIP COD NR.

NUMAR DESEN
1

REG.

TALPA SUP.

2 - 1 Dim./Clasa: 48 x 200 C24
 Lungimea Totala: 2446 mm
 T / C / B: 2321 / 2321 / 2321 mm
 Bucati per pliu: 2 buc.
 Cant. totala: 4 buc. (2stg,2dr)



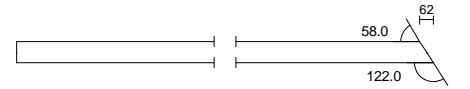
TALP INF.

3 - 5 Dim./Clasa: 48 x 135 C24
 Lungimea Totala: 3936 mm
 T / C / B: 3936 / 3936 / 3936 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 2 buc.



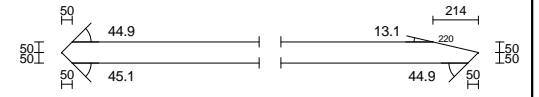
MONTANT CAPAT

3 - 2 Dim./Clasa: 48 x 100 C24
 Lungimea Totala: 699 mm
 T / C / B: 636 / 667 / 699 mm
 Bucati per pliu: 2 buc.
 Cant. totala: 4 buc. (2stg,2dr)



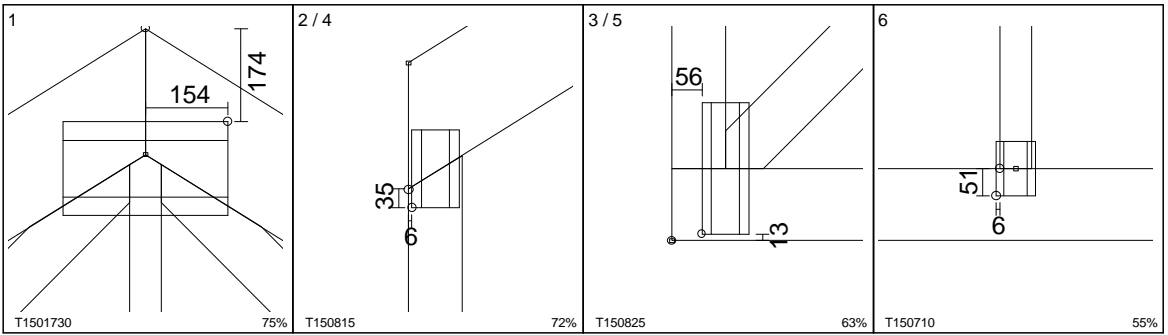
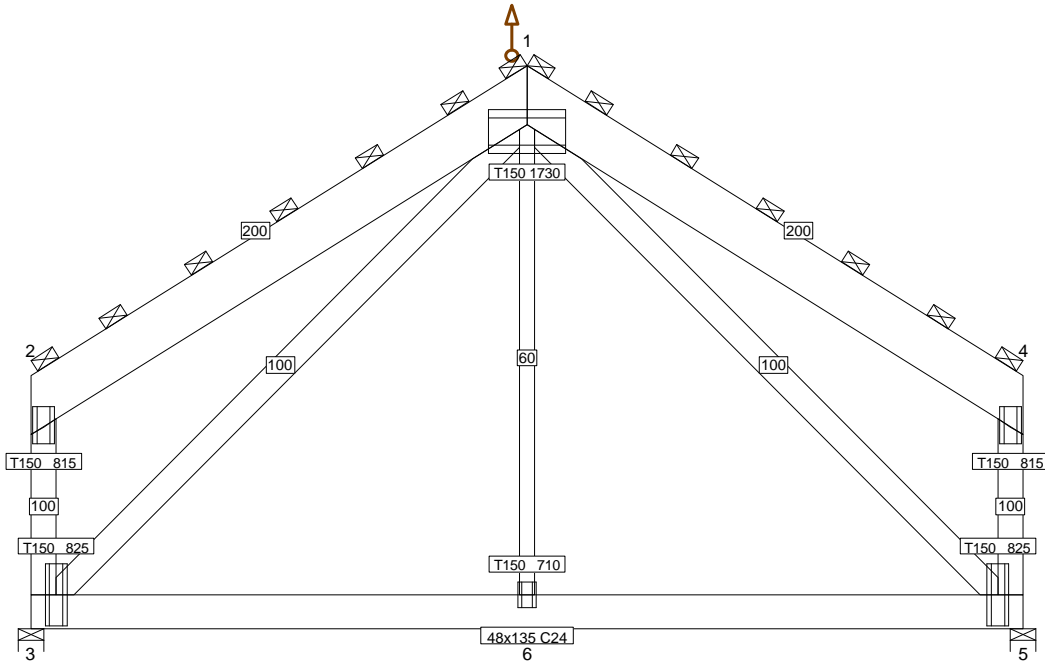
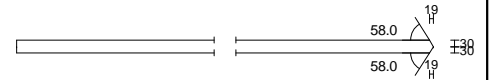
ZABREA

3 - 1 Dim./Clasa: 48 x 100 C24
 Lungimea Totala: 2606 mm
 T / C / B: 2341 / 2606 / 2506 mm
 Bucati per pliu: 2 buc.
 Cant. totala: 4 buc. (2stg,2dr)



ZABREA

6 - 1 Dim./Clasa: 48 x 60 C24
 Lungimea Totala: 1866 mm
 T / C / B: 1847 / 1866 / 1847 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 2 buc.



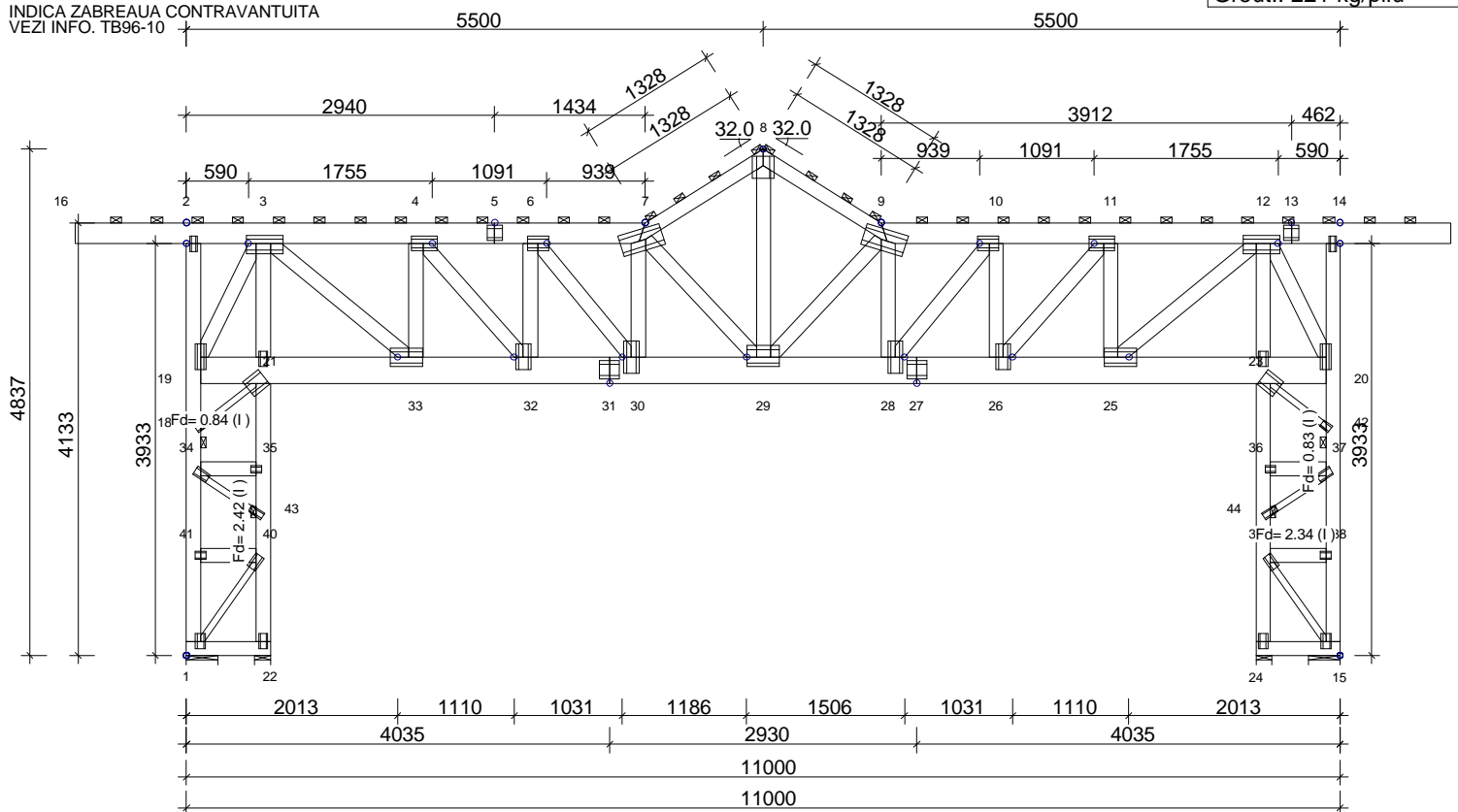
F2 - 1 buc. 4-pliu

INDICA ZABREAUA CONTRAVANTUITA
VEZI INFO. TB96-10

Greut.: 221 kg/pliu

DIRECTII GENERALE:

CONSTRUCTIE CALCULATA CU PROGRAMUL DE CALCULATOR "TRUSSCON". LIC.NO: 13002
FORTELE AU FOST CALCULATE IN CORCONDANTA CU TEORIA DEFORMATIILOR DE ORDIN 1.
COD LEMN: SR EN 1995+NA
COD CONECTORI: SR EN 1995+NA;



SETARI GENERALE:

GROSIME LEMN: (mm) 4 x 48
INTERAX FERME: (mm) 895
ZONA CLIMATICA: 2
CLASA DE SIGURANTA: 2

INCARCARI (kN/m²):

INCARCARE ZAPADA (VALOAREA DE BAZA): 2.00
INCARCARE VANT (VALOAREA DE BAZA): 0.96
INCARCARE UTILA: NR

INCARCARI PERMANENTE: VEZI TABELUL DE LEMN
ALTE INCARCARI: VEZI NOTE DE CALCUL

REACTIUNI REAZEM (kN/kNm) (ULTIME):

NR	DIR.	PERM. MAX	MED. MAX	SCURT MAX	INST. MAX	INST. SUP-W. MIN	MM
1	Oriz	-2.93	0.00	-6.35	-12.55	0.31	
1	Vert	22.17	0.00	57.38	63.14	-1.58	45
15	Oriz	2.93	0.00	6.35	12.59	-0.31	
15	Vert	23.46	0.00	58.14	63.99	-1.69	47
22	Vert	35.33	0.00	82.71	101.77	-2.96	94
24	Vert	33.88	0.00	79.05	97.79	-2.83	86

VEZI NOTELE DE CALCUL PENTRU INFORMATII CARE NU SUNT IN TABELE
PREZENTUL PROIECT ESTE CALCULAT CU PLACI MULTICUII MITEK CONFORM
CE 1020-CPD-070038938 SI ESTE VALABIL NUMAI IN CONDITIILE FOLOSIRII PLACILOR MULTICUII SPECIFICATE.

TOLERANTA AMPLASARE CONECTORI: 10 mm

LEMN:						CONECTORI - IMBINARI (NU INNADIRI):					CONECTORI - INNADIRI:				
ELEMENT CONSTR.	LATIME mm	CLASA	CTW mm/buc.	CARCARE kN/m²	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %
7-16	200	C24	400	0.60	66	1	T150	102	146	91	5	T150	145	146	46
7-8	135	C24	400	0.60	45	2	T150	73	146	45	13	T150	145	146	49
8-9	135	C24	400	0.60	45	3	T150	176	350	78	27	T150	176	188	68
9-17	200	C24	400	0.60	62	4	T150	145	245	94	31	T150	176	188	69
1-22	135	C24	Da	0.26	17	6	T150	145	205	94					
15-24	135	C24	Da	0.26	17	7	T150	206	410	88					
19-20	250	C24	< 4150	0.25	100	8	T150	206	205	81					
1-2	135	C24	1 buc		65	9	T150	206	410	87					
23-24	135	C24	1 buc		73	10	T150	145	205	90					
14-15	135	C24	1 buc		68	11	T150	145	245	90					
21-22	135	C24	1 buc		75	12	T150	176	350	85					
8-29	135	C24	Nu		46	14	T150	73	146	93					
34-35	135	C24	Nu		33	15	T150	102	146	93					
36-37	135	C24	Nu		33	16	T150	73	146	93					
38-39	135	C24	Nu		33	17	T150	102	146	93					
40-41	135	C24	Nu		33	18	T150	102	245	93					
7-30	135	C24	Nu		20	19	T150	102	245	93					
4-38	135	C24	Nu		17	20	T150	176	188	93					
9-30	135	C24	Nu		11	21	T150	88	146	93					
6-32	135	C24	Nu		36	22	T150	176	188	93					
10-26	135	C24	Nu		36	23	T150	176	188	93					
3-21	135	C24	Nu		36	24	T150	176	188	93					
12-23	135	C24	Nu		33	25	T150	206	308	93					
7-29	135	C24	Nu		78	26	T150	176	308	93					
						27	T150	145	308	93					
						28	T150	145	308	93					
						29	T150	206	308	93					
						30	T150	145	308	93					

DEFORMARE MAX. (mm) (EXPL. NORMALA):

NR. NOD	VERT.	ORIZ.	NR LC.
29	22.7	1.0	29
30	22.1	0.6	29
2-3	2.8	5.0	41

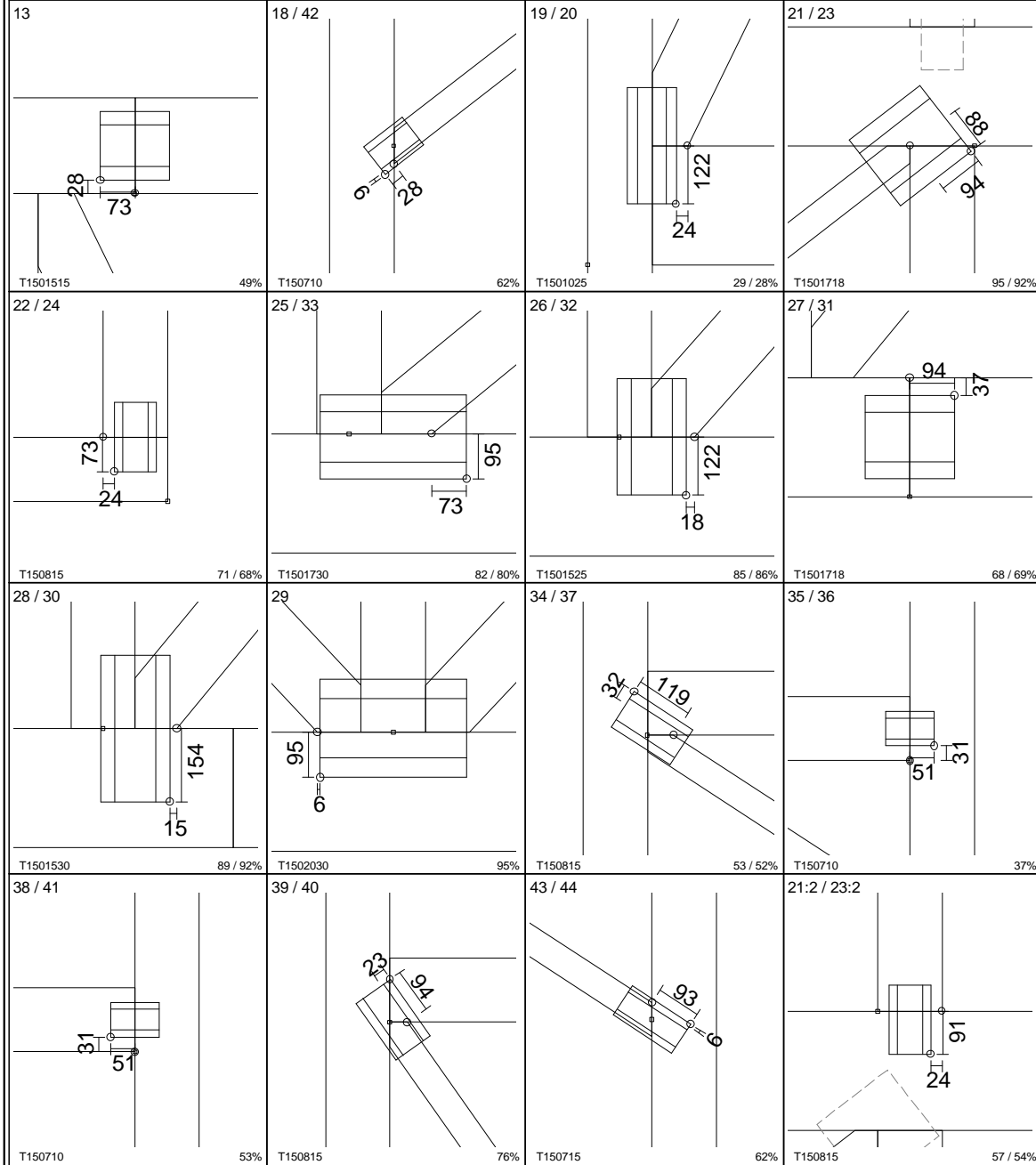
PENTRU DEFORMATII IN ALTE PUNCTE: VEZI NOTE DE CALCUL

VERSIUNEA: 2011 SR26
TIME: 15.15



Truss F2
DESENAT VERIFICAT PROIECT NR.
mansarda casa Costache SCARA 1:70(A4)
TIP COD NR. NUMAR DESEN REG.
1

F2 - 4 buc. 1-pliu



MONTANT CAPAT

1 - 2 Dim./Clasa: 48 x 135 C24
 15 - 14 Lungimea Totala: 3798 mm
 T / C / B: 3798 / 3798 / 3798 mm
 Bucati per pliu: 2 buc.
 Cant. totala: 8 buc. (4stg,4dr)



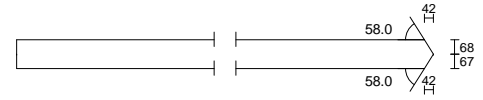
MONTANT CAPAT

24 - 23 Dim./Clasa: 48 x 135 C24
 22 - 21 Lungimea Totala: 2465 mm
 T / C / B: 2465 / 2465 / 2465 mm
 Bucati per pliu: 2 buc.
 Cant. totala: 8 buc. (4stg,4dr)



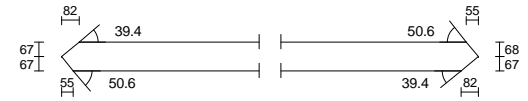
ZABREA

29 - 8 Dim./Clasa: 48 x 135 C24
 Lungimea Totala: 1828 mm
 T / C / B: 1785 / 1828 / 1785 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 4 buc.



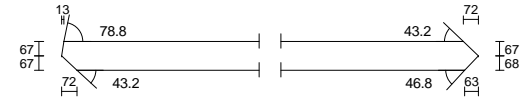
ZABREA

3 - 33 Dim./Clasa: 48 x 135 C24
 12 - 25 Lungimea Totala: 1707 mm
 T / C / B: 1570 / 1707 / 1570 mm
 Bucati per pliu: 2 buc.
 Cant. totala: 8 buc. (4stg,4dr)



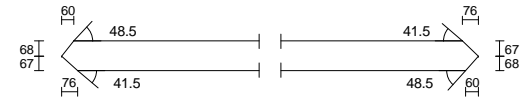
ZABREA

7 - 29 Dim./Clasa: 48 x 135 C24
 9 - 29 Lungimea Totala: 1543 mm
 T / C / B: 1458 / 1543 / 1408 mm
 Bucati per pliu: 2 buc.
 Cant. totala: 8 buc. (4stg,4dr)



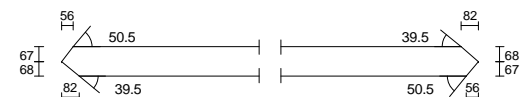
ZABREA

4 - 32 Dim./Clasa: 48 x 135 C24
 11 - 26 Lungimea Totala: 1446 mm
 T / C / B: 1310 / 1446 / 1310 mm
 Bucati per pliu: 2 buc.
 Cant. totala: 8 buc. (4stg,4dr)



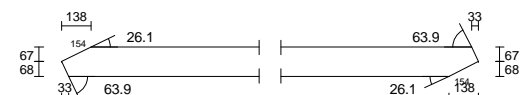
ZABREA

6 - 30 Dim./Clasa: 48 x 135 C24
 10 - 28 Lungimea Totala: 1404 mm
 T / C / B: 1266 / 1404 / 1266 mm
 Bucati per pliu: 2 buc.
 Cant. totala: 8 buc. (4stg,4dr)



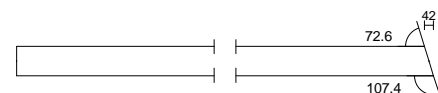
ZABREA

19 - 3 Dim./Clasa: 48 x 135 C24
 20 - 12 Lungimea Totala: 1206 mm
 T / C / B: 1035 / 1206 / 1035 mm
 Bucati per pliu: 2 buc.
 Cant. totala: 8 buc. (4stg,4dr)



ZABREA

30 - 7 Dim./Clasa: 48 x 135 C24
 28 - 9 Lungimea Totala: 1125 mm
 T / C / B: 1083 / 1104 / 1125 mm
 Bucati per pliu: 2 buc.
 Cant. totala: 8 buc. (4stg,4dr)



TOLERANTA AMPLASARE CONECTORI: 10 mm

20111005
 Timp: 15.15
 VERSIUNEA: 2011 SR2b

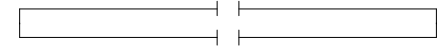
PROIECT NR. mansarda casa Costache	DESENAT:	DESENE PT. PRODUCTIE Pagina 2(3)
TIP COD NR.	NUMAR DESEN 1	Truss F2

F2 - 4 buc. 1-pliu

ZABREA

33 - 4
25 - 11
32 - 6
26 - 10
21 - 3
23 - 12

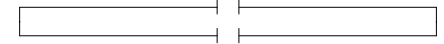
Dim./Clasa: 48 x 135 C24
Lungimea Totala: 1083 mm
T / C / B: 1083 / 1083 / 1083 mm
Bucati per pliu: 6 buc.
Cant. totala: 24 buc. (12stg,12dr)



ZABREA

34 - 35
36 - 37
38 - 39
40 - 41

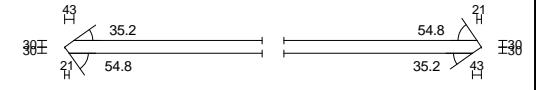
Dim./Clasa: 48 x 135 C24
Lungimea Totala: 530 mm
T / C / B: 530 / 530 / 530 mm
Bucati per pliu: 4 buc.
Cant. totala: 16 buc. (8stg,8dr)



ZABREA

1 - 40
15 - 39

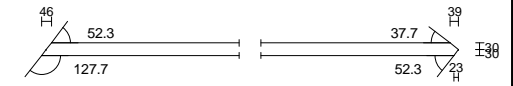
Dim./Clasa: 48 x 60 C24
Lungimea Totala: 920 mm
T / C / B: 857 / 920 / 857 mm
Bucati per pliu: 2 buc.
Cant. totala: 8 buc. (4stg,4dr)



ZABREA

18 - 21
42 - 23

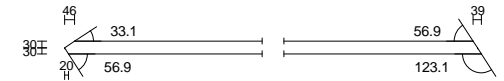
Dim./Clasa: 48 x 60 C24
Lungimea Totala: 693 mm
T / C / B: 608 / 670 / 670 mm
Bucati per pliu: 2 buc.
Cant. totala: 8 buc. (4stg,4dr)



ZABREA

34 - 43
37 - 44

Dim./Clasa: 48 x 60 C24
Lungimea Totala: 652 mm
T / C / B: 567 / 632 / 632 mm
Bucati per pliu: 2 buc.
Cant. totala: 8 buc. (4stg,4dr)



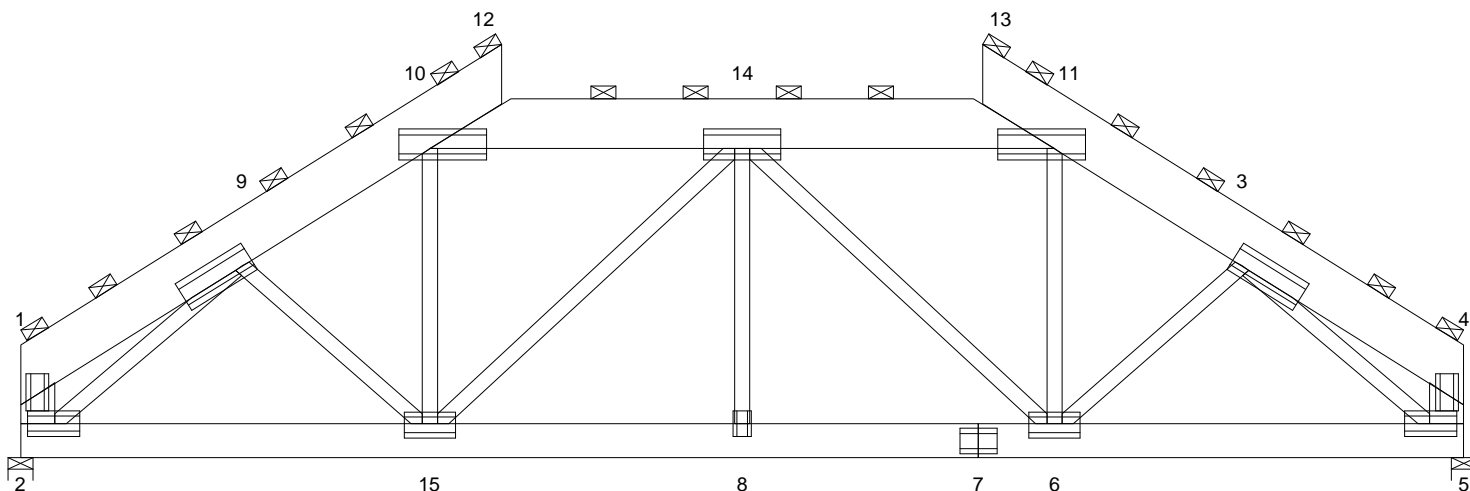
FS1 - 2 buc. 1-pliu

INDICA ZABREAUA CONTRAVANTUITA
VEZI INFO. TB96-10

Greut.: 55 kg/pliu

DIRECTII GENERALE:

CONSTRUCTIE CALCULATA CU PROGRAMUL DE CALCULATOR "TRUSSCON". LIC.NO: 13002
FORTELE AU FOST CALCULATE IN CORCONDANTA CU TEORIA DEFORMATIILOR DE ORDIN 1.
COD LEMN: SR EN 1995+NA
COD CONECTORI: SR EN 1995+NA;



SETARI GENERALE:

GROSIME LEMN: (mm)	48
INTERAX FERME: (mm)	895
ZONA CLIMATICA:	2
CLASA DE SIGURANTA:	2

INCARCARI (kN/m²):

INCARCARE ZAPADA (VALOAREA DE BAZA):	2.00
INCARCARE VANT (VALOAREA DE BAZA):	0.96
INCARCARE UTILA:	NR
	1 0.25

INCARCARI PERMANENTE: VEZI TABELUL DE LEMN
ALTE INCARCARI: VEZI NOTE DE CALCUL

REACTIUNI REAZEM (kN/kNm) (ULTIME):

NR	DIR.	PERM. MAX	MED. MAX	SCURT MAX	INST. MAX	INST. MIN	SUP-W. MM
2	Oriz	0.00	0.00	0.00	-2.18	0.00	
2	Vert	3.57	0.00	9.11	10.65	-1.07	67
5	Vert	3.57	0.00	9.11	10.60	-1.07	67

PREZENTUL PROIECT ESTE CALCULAT CU PLACI MULTICUI MITEK CONFORM CE 1020-CPD-070038938 SI ESTE VALABIL NUMAI IN CONDITIILE FOLOSIRII PLACILOR MULTICUI SPECIFICATE.

TOLERANTA AMPLASARE CONECTORI: 10 mm

LEMN:						CONECTORI - IMBINARI (NU INNADIRI):					CONECTORI - INNADIRI:				
ELEMENT CONSTR.	LATIME mm	CLASA	CTW mm	CARCARE kN/m²	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %
1-2	135	C24	Nu		53	1	T150	88	146	84	7	T150	102	146	71
4-13	200	C24	400	0.60	28	2	T150	102	205	85					
4-5	135	C24	Nu		53	3	T150	124	308	45					
5-2	135	C24	Da	0.26	21	4	T150	88	146	84					
1-12	200	C24	400	0.60	28	5	T150	102	205	85					
10-11	200	C24	400	0.60	10	6	T150	102	205	53					
8-14	60	C24	Nu		2	8	T150	73	102	37					
6-11	60	C24	Nu		6	9	T150	124	308	45					
10-15	60	C24	Nu		6	10	T150	124	350	71					
6-14	60	C24	Nu		23	11	T150	124	350	69					
14-15	60	C24	Nu		24	14	T150	124	308	48					
3-6	60	C24	Nu		4	15	T150	102	205	54					
9-15	60	C24	Nu		4										
2-9	60	C24	Nu		25										
3-5	60	C24	Nu		25										

DEFORMARE MAX. (mm) (EXPL. NORMALA):

NR. NOD	VERT.	ORIZ.	NR LC.
8-15	6.9	1.0	28
7-8	6.9	1.1	28
4-5	0.8	3.5	28

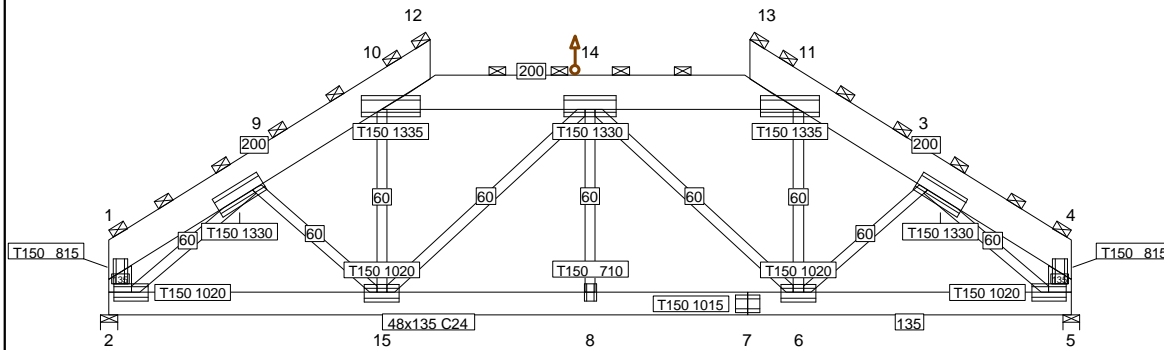
PENTRU DEFORMATII IN ALTE PUNCTE: VEZI NOTE DE CALCUL

VERSIUNEA: 2011 SR26
TIMP: 15.14



DESENAT VERIFICAT PROIECT NR.
mansarda casa Costache

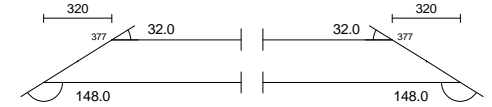
Truss FS1
SCARA 1:30(A4)
TIP COD NR. NUMAR DESEN REG.
1 1



TALPA SUP.

10 - 11

Dim./Clasa: 48 x 200 C24
 Lungimea Totala: 2478 mm
 T / C / B: 1838 / 2158 / 2478 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 2 buc.

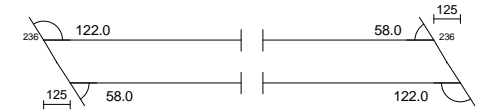


TALPA SUP.

13 - 4

12 - 1

Dim./Clasa: 48 x 200 C24
 Lungimea Totala: 2377 mm
 T / C / B: 2252 / 2252 / 2252 mm
 Bucati per pliu: 2 buc.
 Cant. totala: 4 buc. (2stg,2dr)



TALP INF.

2 - 7

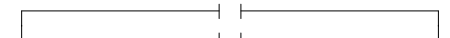
Dim./Clasa: 48 x 135 C24
 Lungimea Totala: 3800 mm
 T / C / B: 3800 / 3800 / 3800 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 2 buc. (2stg)



TALP INF.

7 - 5

Dim./Clasa: 48 x 135 C24
 Lungimea Totala: 1926 mm
 T / C / B: 1926 / 1926 / 1926 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 2 buc. (2dr)

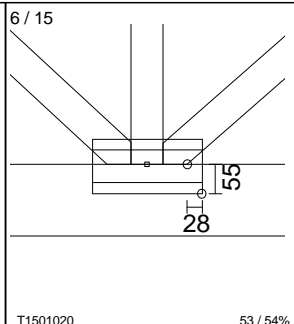
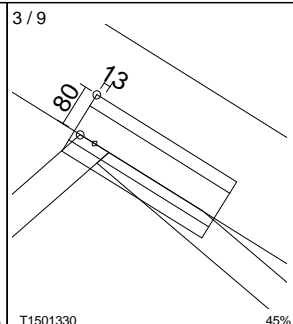
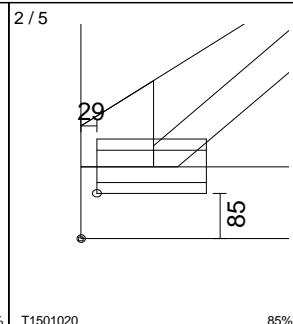
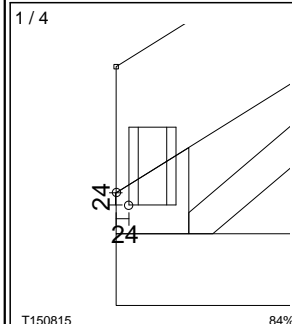
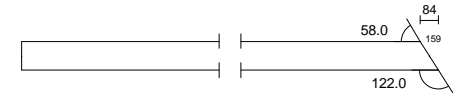


MONTANT CAPAT

2 - 1

5 - 4

Dim./Clasa: 48 x 135 C24
 Lungimea Totala: 161 mm
 T / C / B: 77 / 119 / 161 mm
 Bucati per pliu: 2 buc.
 Cant. totala: 4 buc. (2stg,2dr)

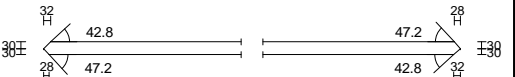


ZABREA

14 - 6

14 - 15

Dim./Clasa: 48 x 60 C24
 Lungimea Totala: 1607 mm
 T / C / B: 1547 / 1607 / 1547 mm
 Bucati per pliu: 2 buc.
 Cant. totala: 4 buc. (2stg,2dr)

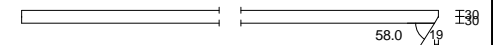


ZABREA

6 - 11

15 - 10

Dim./Clasa: 48 x 60 C24
 Lungimea Totala: 1092 mm
 T / C / B: 1092 / 1092 / 1073 mm
 Bucati per pliu: 2 buc.
 Cant. totala: 4 buc. (2stg,2dr)



ZABREA

8 - 14

Dim./Clasa: 48 x 60 C24
 Lungimea Totala: 1092 mm
 T / C / B: 1092 / 1092 / 1092 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 2 buc.

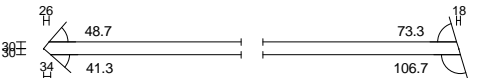


ZABREA

6 - 3

15 - 9

Dim./Clasa: 48 x 60 C24
 Lungimea Totala: 959 mm
 T / C / B: 915 / 950 / 925 mm
 Bucati per pliu: 2 buc.
 Cant. totala: 4 buc. (2stg,2dr)

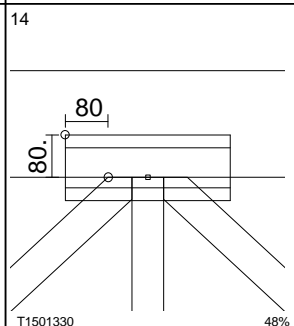
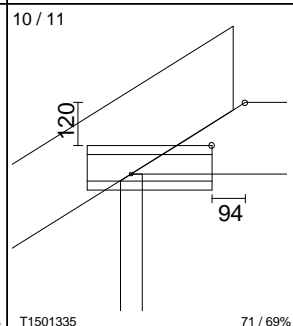
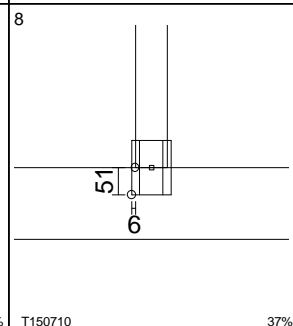
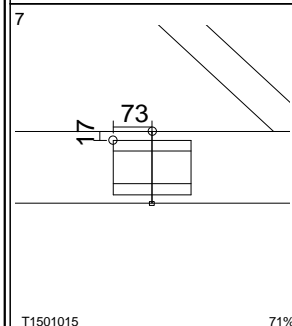
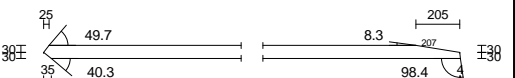


ZABREA

2 - 9

5 - 3

Dim./Clasa: 48 x 60 C24
 Lungimea Totala: 947 mm
 T / C / B: 712 / 942 / 911 mm
 Bucati per pliu: 2 buc.
 Cant. totala: 4 buc. (2stg,2dr)



T150815 84%

T1501020 85%

T1501330 45%

T1501020 53 / 54%

T1501015 71%

T150710 37%

T1501335 71 / 69%

T1501330 48%

PROIECT NR.

mansarda casa Costache

DESENAT:

DESENE PT. PRODUCTIE

Pagina 1(1)

TIP COD NR.

NUMAR DESEN

1

Truss FS1

TOLERANTA AMPLASARE CONECTORI: 10 mm

20111005
 TIMP: 15.14
 VERSIUNEA: 2011 SR2b

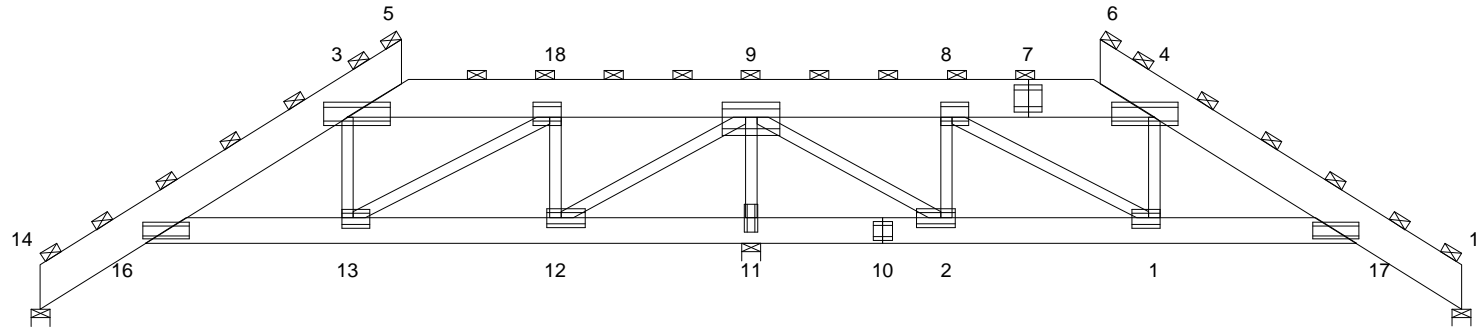
FS2 - 2 buc. 1-pliu

INDICA ZABREAUA CONTRAVANTUITA
VEZI INFO. TB96-10

Greut.: 59 kg/pliu

DIRECTII GENERALE:

CONSTRUCTIE CALCULATA CU PROGRAMUL DE CALCULATOR "TRUSSCON". LIC.NO: 13002
FORTELE AU FOST CALCULATE IN CORCONDANTA CU TEORIA DEFORMATIILOR DE ORDIN 1.
COD LEMN: SR EN 1995+NA
COD CONECTORI: SR EN 1995+NA;



SETARI GENERALE:

GROSIME LEMN: (mm) 48
INTERAX FERME: (mm) 895
ZONA CLIMATICA: 2
CLASA DE SIGURANTA: 2

INCARCARI (kN/m²):

INCARCARE ZAPADA (VALOAREA DE BAZA): 2.00
INCARCARE VANT (VALOAREA DE BAZA): 0.96
INCARCARE UTILA: NR

INCARCARI PERMANENTE: VEZI TABELUL DE LEMN
ALTE INCARCARI: VEZI NOTE DE CALCUL

REACTIUNI REAZEM (kN/kNm) (ULTIME):

NR	DIR.	PERM. MAX	MED. MAX	SCURT MAX	INST. MAX	INST. MIN	SUP-W. MM
11	Vert	5.67	0.00	13.37	15.35	-1.96	38
14	Oriz	0.00	0.00	0.00	-1.69	0.00	
14	Vert	2.09	0.00	8.02	9.21	-0.73	46
15	Vert	2.09	0.00	8.00	9.46	-0.73	45

PREZENTUL PROIECT ESTE CALCULAT CU PLACI MULTICUI MITEK CONFORM CE 1020-CPD-070038938 SI ESTE VALABIL NUMAI IN CONDITIILE FOLOSIRII PLACILOR MULTICUI SPECIFICATE.

TOLERANTA AMPLASARE CONECTORI: 10 mm

LEMN: GROSIME 48 mm						CONECTORI - IMBINARI (NU INNADIRI):					CONECTORI - INNADIRI:				
ELEMENT CONSTR.	LATIME mm	CLASA	CTW mm	CARCARE kN/m²	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %
17-16	135	C24	Da	0.26	28	1	T150	102	146	63	7	T150	145	146	13
5-14	200	C24	400	0.60	63	2	T150	102	205	75	10	T150	102	102	21
6-15	200	C24	400	0.60	59	3	T150	124	350	69					
3-4	200	C24	400	0.60	27	4	T150	124	350	69					
9-11	60	C24	Nu		27	8	T150	124	146	90					
1-4	60	C24	Nu		6	9	T150	176	308	76					
3-13	60	C24	Nu		6	11	T150	73	146	51					
2-9	60	C24	Nu		22	12	T150	102	205	76					
9-12	60	C24	Nu		22	13	T150	102	146	67					
2-8	60	C24	Nu		12	16	T150	88	245	91					
12-18	60	C24	Nu		11	17	T150	88	245	83					
1-8	60	C24	Nu		15	18	T150	124	146	91					
13-18	60	C24	Nu		16										

DEFORMARE MAX. (mm) (EXPL. NORMALA):

NR. NOD	VERT.	ORIZ.	NR LC.
3-16	5.0	3.0	32
4-17	4.9	0.7	38
15	0.0	4.1	28

PENTRU DEFORMATII IN ALTE PUNCTE: VEZI NOTE DE CALCUL

VERSIUNEA: 2011 SR26
TIME: 15.14



Truss FS2		SCARA 1:40(A4)	
DESENAT	VERIFICAT	PROIECT NR.	
		mansarda casa Costache	
20111005			
TIP COD NR.	NUMAR DESEN	REG.	
	1		

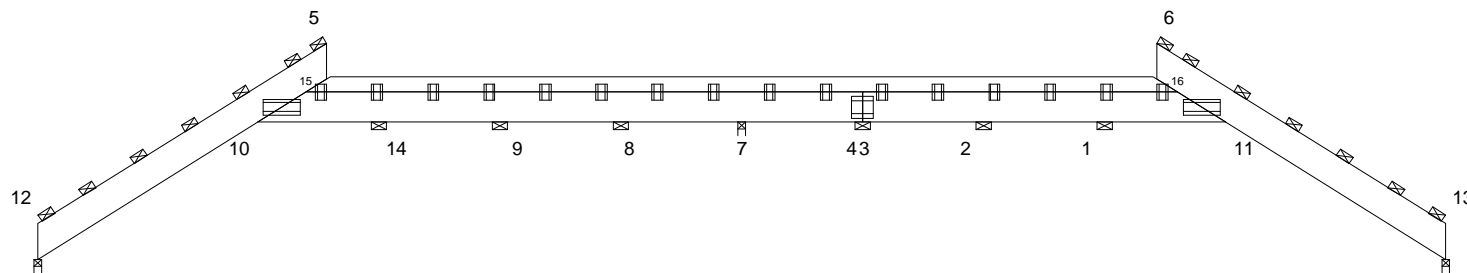
FS3 - 2 buc. 2-pliu

INDICA ZABREAUA CONTRAVANTUITA
VEZI INFO. TB96-10

Greut.: 54 kg/pliu

DIRECTII GENERALE:

CONSTRUCTIE CALCULATA CU PROGRAMUL DE CALCULATOR "TRUSSCON". LIC.NO: 13002
FORTELE AU FOST CALCULATE IN CORCONDANTA CU TEORIA DEFORMATIILOR DE ORDIN 1.
COD LEMN: SR EN 1995+NA
COD CONECTORI: SR EN 1995+NA;



SETARI GENERALE:

GROSIME LEMN: (mm) 2 x 48
INTERAX FERME: (mm) 895
ZONA CLIMATICA: 2
CLASA DE SIGURANTA: 2

INCARCARI (kN/m²):

INCARCARE ZAPADA (VALOAREA DE BAZA): 2.00
INCARCARE VANT (VALOAREA DE BAZA): 0.96
INCARCARE UTILA: NR

INCARCARI PERMANENTE: VEZI TABELUL DE LEMN
ALTE INCARCARI: VEZI NOTE DE CALCUL

REACTIUNI REAZEM (kN/kNm) (ULTIME):

NR	DIR.	PERM. MAX	MED. MAX	SCURT MAX	INST. MAX	INST. MIN	SUP-W. MM
7	Vert	3.80	0.00	8.64	9.83	-0.50	11
12	Oriz	-4.01	0.00	-9.89	-10.95	0.27	
12	Vert	2.99	0.00	10.16	11.66	-0.58	29
13	Oriz	4.01	0.00	9.89	11.42	-0.27	
13	Vert	2.99	0.00	9.87	11.11	-0.58	28

PREZENTUL PROIECT ESTE CALCULAT CU PLACI MULTICUI MITEK CONFORM CE 1020-CPD-070038938 SI ESTE VALABIL NUMAI IN CONDIȚIILE FOLOSIRII PLACILOR MULTICUI SPECIFICATE.

TOLERANTA AMPLASARE CONECTORI: 10 mm

LEMN:						CONECTORI - IMBINARI (NU INNADIRI):					CONECTORI - INNADIRI:				
ELEMENT CONSTR.	LATIME mm	CLASA	CTW mm	CARCARE kN/m²	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %
11-10	200	C24	900	0.26	31	10	T150	102	245	77	3	T150	145	146	21
5-12	200	C24	400	0.60	22	11	T150	102	245	75					
6-13	200	C24	400	0.60	22	15-16	T150	73	102						
15-16	100	C24													

DEFORMARE MAX. (mm) (EXPL. NORMALA):

NR. NOD	VERT.	ORIZ.	NR LC.
6	10.8	-6.6	48
5	10.4	6.4	42
11	9.3	-5.2	48

PENTRU DEFORMATII IN ALTE PUNCTE: VEZI NOTE DE CALCUL

VERSIUNEA: 2011 SR26
TIME: 15.14

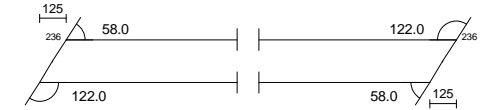


DESENAT VERIFICAT PROIECT NR.
mansarda casa

Truss FS3
Costache
SCARA 1:50(A4)
TIP COD NR. NUMAR DESEN 1 REG.

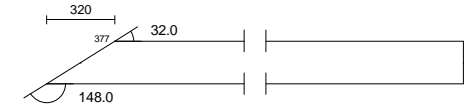
TALPA SUP.

12-5
13-6
Dim./Clasa: 48 x 200 C24
Lungimea Totala: 2377 mm
T / C / B: 2252 / 2252 / 2252 mm
Bucati per pliu: 2 buc.
Cant. totala: 8 buc. (4stg,4dr)



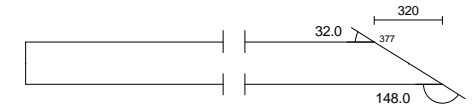
TALP INF.

10-3
Dim./Clasa: 48 x 200 C24
Lungimea Totala: 4000 mm
T / C / B: 3680 / 3840 / 4000 mm
Bucati per pliu: 1 buc.
Cant. totala: 4 buc. (4stg)



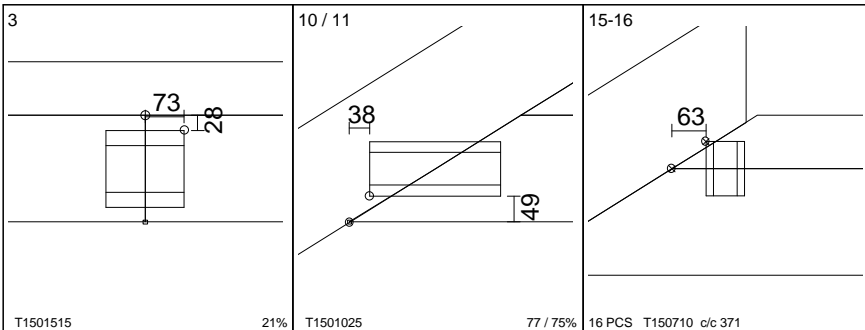
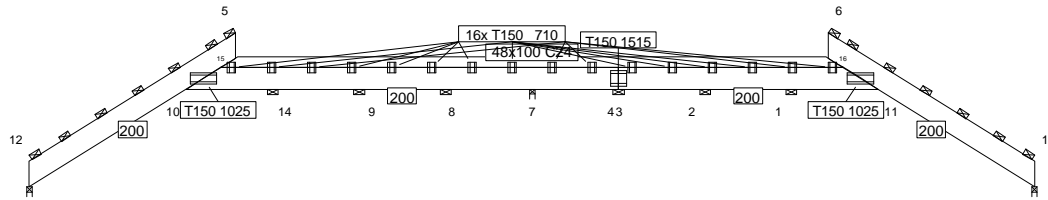
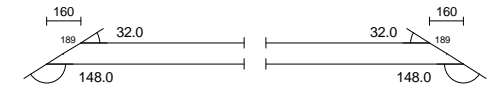
TALP INF.

3-11
Dim./Clasa: 48 x 200 C24
Lungimea Totala: 2404 mm
T / C / B: 2084 / 2244 / 2404 mm
Bucati per pliu: 1 buc.
Cant. totala: 4 buc. (4dr)



SUPRATALPA

15-16
Dim./Clasa: 48 x 100 C24
Lungimea Totala: 5764 mm
T / C / B: 5444 / 5604 / 5764 mm
Bucati per pliu: 1 buc.
Cant. totala: 4 buc.



T1501515

21%

T1501025

77 / 75%

16 PCS T150710 c/c 371

TOLERANTA AMPLASARE CONECTORI: 10 mm

20111005
TIMP: 15.14
VERSIUNEA: 2011 SR2b

PROIECT NR.
mansarda casa Costache

DESENAT:

DESENE PT. PRODUCTIE
Pagina 1(1)

TIP COD NR. NUMAR DESEN
1

Truss FS3

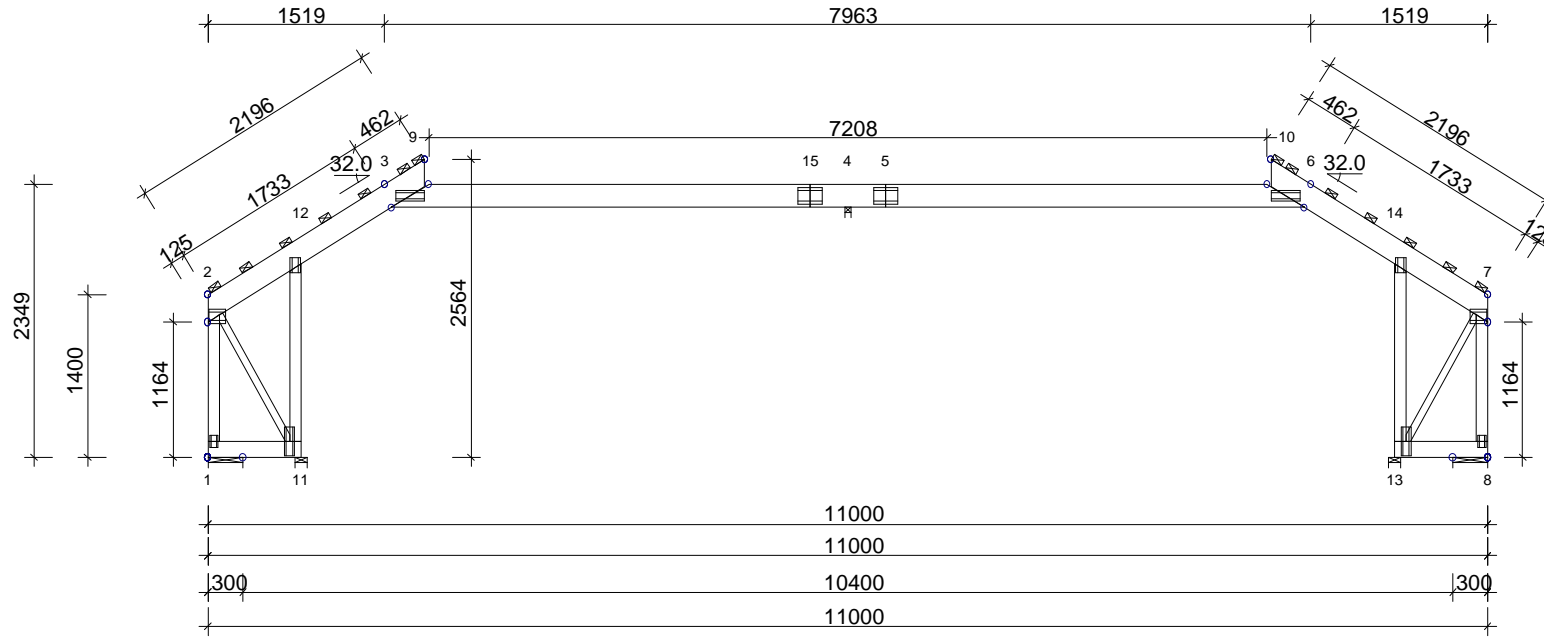
FS4 - 2 buc. 3-pliu

INDICA ZABREAUA CONTRAVANTUITA
VEZI INFO. TB96-10

Greut.: 66 kg/pliu

DIRECTII GENERALE:

CONSTRUCTIE CALCULATA CU PROGRAMUL DE CALCULATOR "TRUSSCON". LIC.NO: 13002
FORTELE AU FOST CALCULATE IN CORCONDANTA CU TEORIA DEFORMATIILOR DE ORDIN 1.
COD LEMN: SR EN 1995+NA
COD CONECTORI: SR EN 1995+NA;



SETARI GENERALE:

GROSIME LEMN: (mm) 3 x 48
INTERAX FERME: (mm) 895
ZONA CLIMATICA: 2
CLASA DE SIGURANTA: 2

INCARCARI (kN/m²):

INCARCARE ZAPADA (VALOAREA DE BAZA): 2.00
INCARCARE VANT (VALOAREA DE BAZA): 0.96
INCARCARE UTILA: NR

INCARCARI PERMANENTE: VEZI TABELUL DE LEMN
ALTE INCARCARI: VEZI NOTE DE CALCUL

REACTIUNI REAZEM (kN/kNm) (ULTIME):

NR	DIR.	PERM. MAX	MED. MAX	SCURT MAX	INST. MAX	INST. MIN	SUP-W. MM
1	Oriz	-2.38	0.00	-6.97	-9.02	2.01	
1	Vert	4.25	0.00	11.84	17.96	-2.76	12
4	Vert	4.85	0.00	13.73	13.98	-6.67	12
8	Oriz	2.38	0.00	6.97	8.99	-2.01	
8	Vert	4.25	0.00	11.84	17.81	-2.76	12
11	Vert	1.02	0.00	6.41	16.72	-12.94	34
13	Vert	1.02	0.00	6.40	16.95	-12.60	34

PREZENTUL PROIECT ESTE CALCULAT CU PLACI MULTICUI MITEK CONFORM CE 1020-CPD-070038938 SI ESTE VALABIL NUMAI IN CONDITIILE FOLOSIRII PLACILOR MULTICUI SPECIFICATE.

TOLERANTA AMPLASARE CONECTORI: 10 mm

LEMN:						CONECTORI - IMBINARI (NU INNADIRI):					CONECTORI - INNADIRI:				
ELEMENT CONSTR.	LATIME mm	CLASA	CTW mm	CARCARE kN/m²	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %
1-2	100	C24	Nu		15	1	T150	73	102	48	5	T150	145	205	31
6-3	200	C24	< 5330	0.60	100	2	T150	124	146	64	15	T150	145	205	31
7-8	100	C24	Nu		15	3	T150	88	245	35					
2-9	200	C24	400	0.60	38	6	T150	88	245	35					
10-7	200	C24	400	0.60	38	7	T150	124	146	64					
1-11	135	C24	Da	0.26	15	8	T150	73	102	48					
8-13	135	C24	Da	0.26	15	11	T150	88	245	50					
13-14	100	C24	Nu		38	12	T150	88	124	73					
11-12	100	C24	Nu		38	13	T150	88	245	50					
2-11	60	C24	Nu		16	14	T150	88	124	74					
7-13	60	C24	Nu		16										

DEFORMARE MAX. (mm) (EXPL. NORMALA):

NR. NOD	VERT.	ORIZ.	NR LC.
5-6	12.3	-2.6	37
3-15	12.3	2.5	31
10	7.6	-4.4	47

PENTRU DEFORMATII IN ALTE PUNCTE: VEZI NOTE DE CALCUL

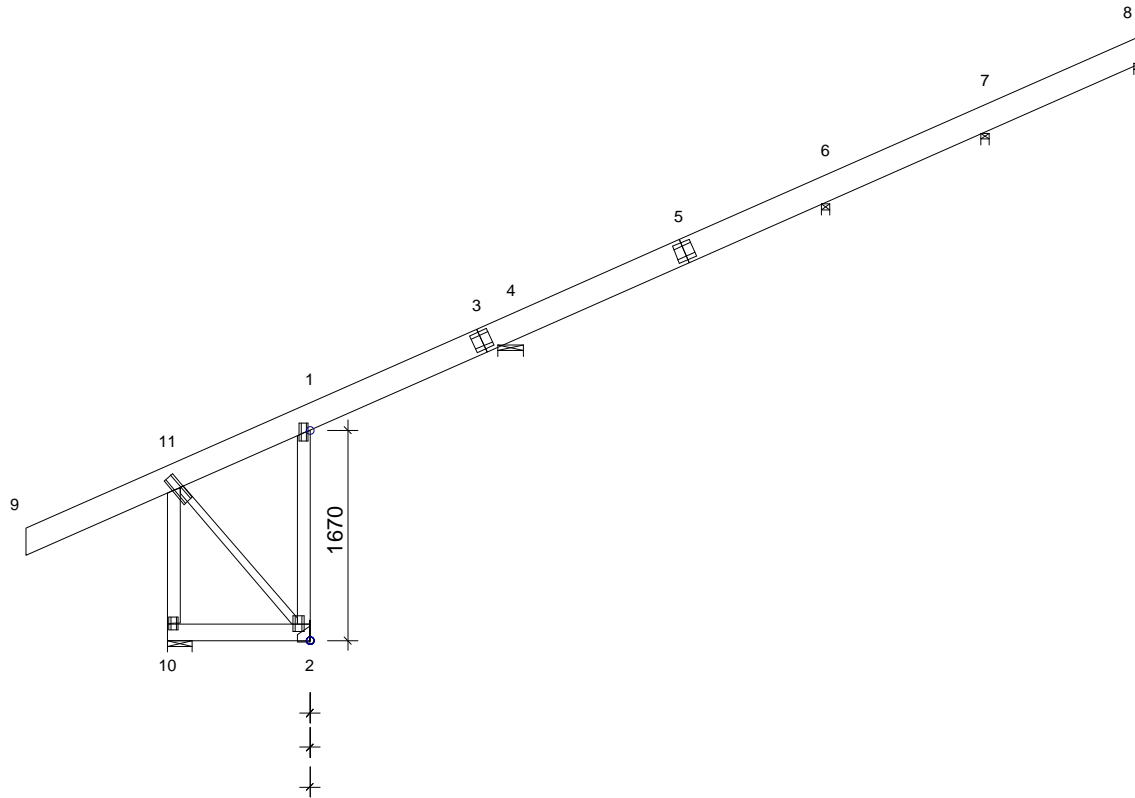
VERSIUNEA: 2011 SR26
TIME: 15.15



Truss FS4		SCARA 1:65(A4)	
DESENAT	VERIFICAT	PROIECT NR.	
		mansarda casa Costache	
20111005			
TIP COD NR.	NUMAR DESEN	REG.	
	1		

DIRECTII GENERALE:

CONSTRUCTIE CALCULATA CU PROGRAMUL DE CALCULATOR "TRUSSCON". LIC.NO: 13002
FORTELE AU FOST CALCULATE IN CORCONDANTA CU TEORIA DEFORMATIILOR DE ORDIN 1.
COD LEMN: SR EN 1995+NA
COD CONECTORI: SR EN 1995+NA;

**SETARI GENERALE:**

GROSIME LEMN: (mm) 2 x 48
INTERAX FERME: (mm) 895
ZONA CLIMATICA: 2
CLASA DE SIGURANTA: 2

INCARCARI (kN/m²):

INCARCARE ZAPADA (VALOAREA DE BAZA): 2.00
INCARCARE VANT (VALOAREA DE BAZA): 0.96
INCARCARE UTILA: NR

INCARCARI PERMANENTE: VEZI TABELUL DE LEMN
ALTE INCARCARI: VEZI NOTE DE CALCUL

REACTIUNI REAZEM (kN/kNm) (ULTIME):

NR	DIR.	PERM. MAX	MED. MAX	SCURT MAX	INST. MAX	INST. SUP-W. MIN	MM
2	Vert	0.71	0.00	2.20	3.72	-2.95	4
4	Vert	1.43	0.00	4.57	5.19	-0.85	15
6	Vert	1.00	0.00	2.50	2.89	-0.28	8
7	Vert	0.21	0.00	0.50	0.61	-0.11	2
8	Vert	0.10	0.00	0.16	0.17	0.04	1
10	Oriz	0.00	0.00	0.00	-2.40	0.00	
10	Vert	2.22	0.00	7.17	8.10	2.22	9

PREZENTUL PROIECT ESTE CALCULAT CU PLACI MULTICUI MITEK CONFORM CE 1020-CPD-070038938 SI ESTE VALABIL NUMAI IN CONDITIILE FOLOSIRII PLACILOR MULTICUI SPECIFICATE.

TOLERANTA AMPLASARE CONECTORI: 10 mm

LEMN:						CONECTORI - IMBINARI (NU INNADIRI):					CONECTORI - INNADIRI:				
ELEMENT CONSTR.	LATIME mm	CLASA	CTW mm	CARCARE kN/m²	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %
2-1	100	C24	Nu		7	1	T150	73	146	23	3	T150	145	146	11
8-9	200	C24	400	0.60	19	2	T150	88	124	94	5	T150	145	146	10
2-10	135	C24	Da	0.26	5	10	T150	73	102	31					
10-11	100	C24	Nu		12	11	T150	88	245	65					
2-11	60	C24	Nu		7										

DEFORMARE MAX. (mm) (EXPL. NORMALA):

NR. NOD	VERT.	ORIZ.	NR LC.
9	3.8	0.8	22
5	0.8	-0.5	22
6-7	-0.1	-0.9	22

PENTRU DEFORMATII IN ALTE PUNCTE: VEZI NOTE DE CALCUL

VERSIUNEA: 2011 SR26
TIME: 15.14



Truss FC1

DESENAT

VERIFICAT

PROIECT NR.

mansarda casa Costache

SCARA 1:60(A4)

, 20111005

TIP COD NR.

NUMAR DESEN

REG.

1

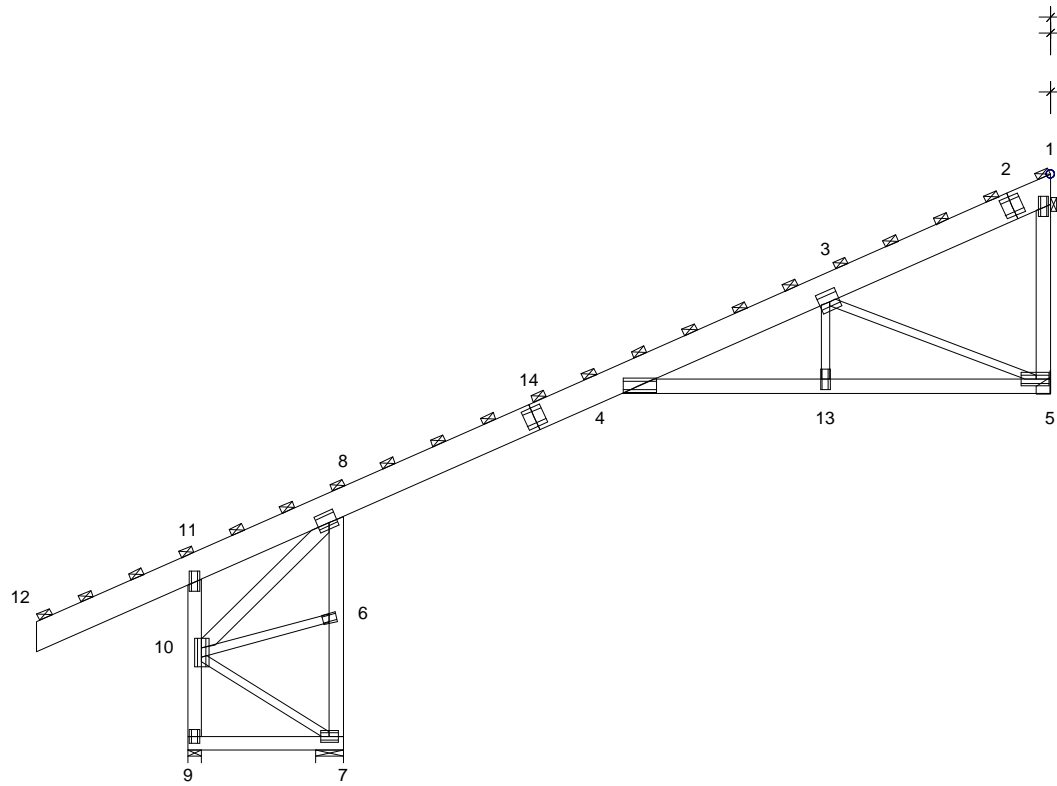
FC2a - 2 buc. 2-pliu

INDICA ZABREAUA CONTRAVANTUITA
VEZI INFO. TB96-10

Greut.: 56 kg/pliu

DIRECTII GENERALE:

CONSTRUCTIE CALCULATA CU PROGRAMUL DE CALCULATOR "TRUSSCON". LIC.NO: 13002
FORTELE AU FOST CALCULATE IN CORCONDANTA CU TEORIA DEFORMATIILOR DE ORDIN 1.
COD LEMN: SR EN 1995+NA
COD CONECTORI: SR EN 1995+NA;



SETARI GENERALE:

GROSIME LEMN: (mm) 2 x 48
INTERAX FERME: (mm) 895
ZONA CLIMATICA: 2
CLASA DE SIGURANTA: 2

INCARCARI (kN/m²):

INCARCARE ZAPADA (VALOAREA DE BAZA): 2.00
INCARCARE VANT (VALOAREA DE BAZA): 0.96
INCARCARE UTILA: NR

INCARCARI PERMANENTE: VEZI TABELUL DE LEMN
ALTE INCARCARI: VEZI NOTE DE CALCUL

REACTIUNI REAZEM (kN/kNm) (ULTIME):

NR	DIR.	PERM. MAX	MED. MAX	SCURT MAX	INST. MAX	INST. SUP-W. MIN	MM
1	Oriz	-14.38	0.00	-36.48	-43.82	1.83	
5	Oriz	16.25	0.00	40.94	48.88	-0.24	
5	Vert	9.38	0.00	23.39	27.72	0.79	29
7	Vert	1.11	0.00	3.07	4.28	-0.52	5
9	Oriz	-1.87	0.00	-4.52	-6.84	0.22	
9	Vert	5.15	0.00	14.17	15.40	-1.52	18

PREZENTUL PROIECT ESTE CALCULAT CU PLACI MULTICUI MITEK CONFORM CE 1020-CPD-070038938 SI ESTE VALABIL NUMAI IN CONDITIILE FOLOSIRII PLACILOR MULTICUI SPECIFICATE.

TOLERANTA AMPLASARE CONECTORI: 10 mm

LEMN:						CONECTORI - IMBINARI (NU INNADIRI):					CONECTORI - INNADIRI:				
ELEMENT CONSTR.	LATIME mm	CLASA	CTW mm	CARCARE kN/m²	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %
1-12	200	C24	400	0.60	90	1	T150	73	146	51	2	T150	145	146	69
4-5	100	C24	< 1260	0.25	99	3	T150	145	146	86	14	T150	145	146	27
7-9	100	C24	< 4242	0.25	96	4	T150	102	245	86					
9-11	100	C24	Nu		25	5	T150	102	205	65					
1-5	100	C24	Nu		33	6	T150	73	102	40					
7-8	100	C24	Nu		19	7	T150	88	124	60					
7-10	60	C24	Nu		9	8	T150	124	146	54					
8-10	100	C24	Nu		15	9	T150	73	102	50					
6-10	60	C24	Nu		2	10	T150	102	205	60					
3-5	60	C24	Nu		78	11	T150	73	146	31					
3-13	60	C24	Nu		17	13	T150	73	146	84					

DEFORMARE MAX. (mm) (EXPL. NORMALA):

NR. NOD	VERT.	ORIZ.	NR LC.
4-13	7.4	0.8	29
14	7.2	1.6	29
8	0.2	-1.5	29

PENTRU DEFORMATII IN ALTE PUNCTE: VEZI NOTE DE CALCUL

VERSIUNEA: 2011 SR26
TIME: 15.14



Truss FC2
DESENAT VERIFICAT PROIECT NR. mansarda casa Costache SCARA 1:55(A4)
TIP COD NR. NUMAR DESEN 1 REG.

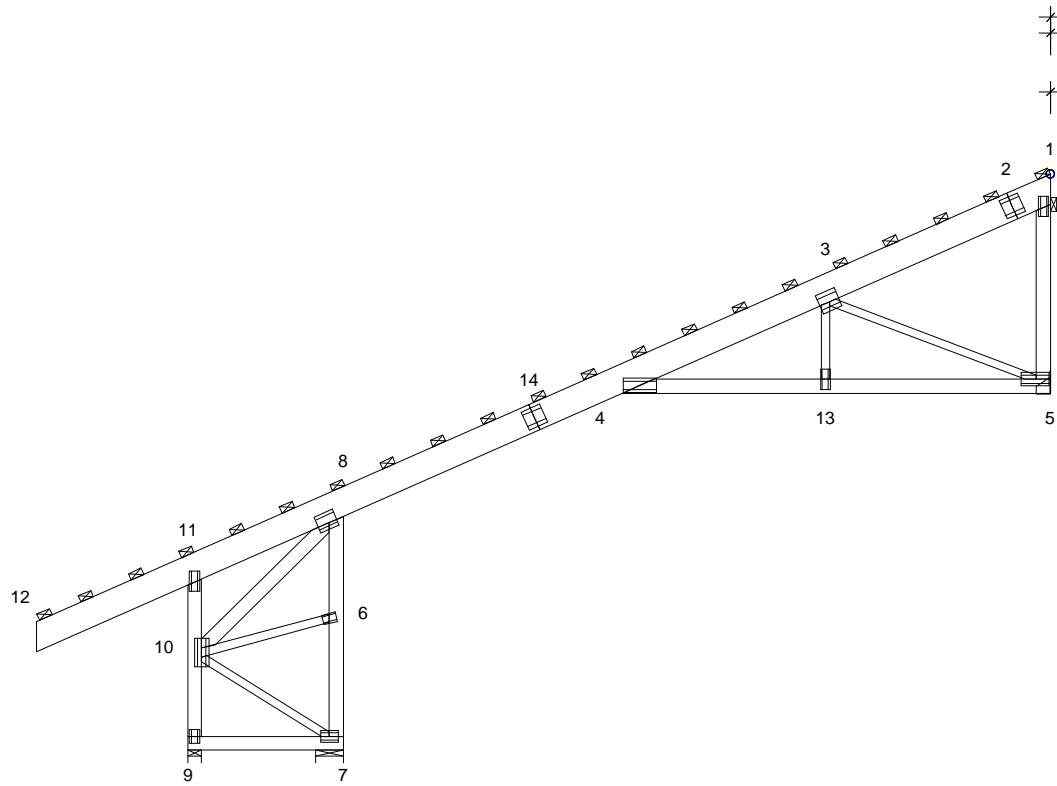
FC2b - 2 buc. 2-pliu

INDICA ZABREAUA CONTRAVANTUITA
VEZI INFO. TB96-10

Greut.: 56 kg/pliu

DIRECTII GENERALE:

CONSTRUCTIE CALCULATA CU PROGRAMUL DE CALCULATOR "TRUSSCON". LIC.NO: 13002
FORTELE AU FOST CALCULATE IN CORCONDANTA CU TEORIA DEFORMATIILOR DE ORDIN 1.
COD LEMN: SR EN 1995+NA
COD CONECTORI: SR EN 1995+NA;



SETARI GENERALE:

GROSIME LEMN: (mm) 2 x 48
INTERAX FERME: (mm) 895
ZONA CLIMATICA: 2
CLASA DE SIGURANTA: 2

INCARCARI (kN/m²):

INCARCARE ZAPADA (VALOAREA DE BAZA): 2.00
INCARCARE VANT (VALOAREA DE BAZA): 0.96
INCARCARE UTILA: NR

INCARCARI PERMANENTE: VEZI TABELUL DE LEMN
ALTE INCARCARI: VEZI NOTE DE CALCUL

REACTIUNI REAZEM (kN/kNm) (ULTIME):

NR	DIR.	PERM. MAX	MED. MAX	SCURT MAX	INST. MAX	INST. SUP-W. MIN	MM
1	Oriz	-14.38	0.00	-36.48	-43.56	1.83	
5	Oriz	16.25	0.00	40.94	48.55	-0.24	
5	Vert	9.38	0.00	23.39	27.63	0.79	29
7	Vert	1.11	0.00	3.07	4.20	-0.52	5
9	Oriz	-1.87	0.00	-4.52	-6.74	0.22	
9	Vert	5.15	0.00	14.17	15.35	-1.52	18

PREZENTUL PROIECT ESTE CALCULAT CU PLACI MULTICUI MITEK CONFORM CE 1020-CPD-070038938 SI ESTE VALABIL NUMAI IN CONDITIILE FOLOSIRII PLACILOR MULTICUI SPECIFICATE.

TOLERANTA AMPLASARE CONECTORI: 10 mm

LEMN: GROSIME 48 mm 2 PLIURI					
ELEMENT CONSTR.	LATIME mm	CLASA	CTW mm	CARCARE kN/m²	CSI %
1-12	200	C24	400	0.60	90
4-5	100	C24	< 1260	0.25	99
7-9	100	C24	< 4242	0.25	95
9-11	100	C24	Nu		25
1-5	100	C24	Nu		33
7-8	100	C24	Nu		19
7-10	60	C24	Nu		9
8-10	100	C24	Nu		15
6-10	60	C24	Nu		2
3-5	60	C24	Nu		78
3-13	60	C24	Nu		17

CONECTORI - IMBINARI (NU INNADIRI):					
NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %	
1	T150	73	146	51	
3	T150	145	146	86	
4	T150	102	245	86	
5	T150	102	205	65	
6	T150	73	102	40	
7	T150	88	124	59	
8	T150	124	146	53	
9	T150	73	102	50	
10	T150	102	205	59	
11	T150	73	146	31	
13	T150	73	146	84	

CONECTORI - INNADIRI:					
NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %	
2	T150	145	146	69	
14	T150	145	146	26	

DEFORMARE MAX. (mm) (EXPL. NORMALA):

NR. NOD	VERT.	ORIZ.	NR LC.
4-13	7.4	0.8	29
14	7.1	1.6	29
8	0.1	-1.5	29

PENTRU DEFORMATII IN ALTE PUNCTE: VEZI NOTE DE CALCUL

VERSIUNEA: 2011 SR26
TIME: 15.14



DESENAT VERIFICAT PROIECT NR.
mansarda casa Costache

Truss FC2

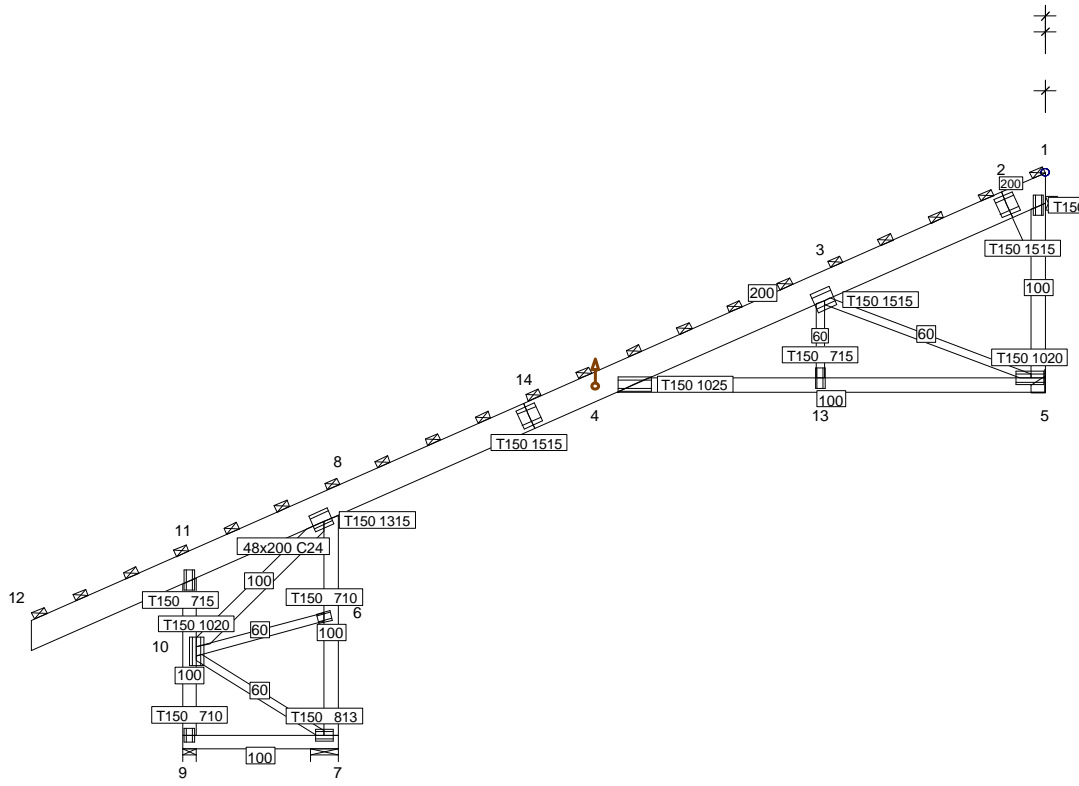
SCARA 1:55(A4)

, 20111005

TIP COD NR.

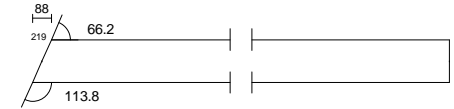
NUMAR DESEN
1

REG.



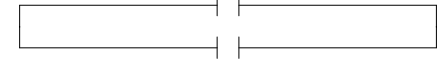
TALPA SUP.
12 - 14

Dim./Clasa: 48 x 200 C24
Lungimea Totala: 4000 mm
T / C / B: 3912 / 3956 / 4000 mm
Bucati per pliu: 1 buc.
Cant. totala: 8 buc.



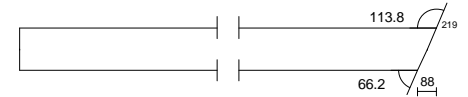
TALPA SUP.
14 - 2

Dim./Clasa: 48 x 200 C24
Lungimea Totala: 3800 mm
T / C / B: 3800 / 3800 / 3800 mm
Bucati per pliu: 1 buc.
Cant. totala: 8 buc.



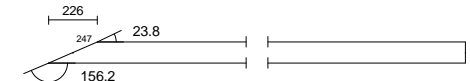
TALPA SUP.
2 - 1

Dim./Clasa: 48 x 200 C24
Lungimea Totala: 347 mm
T / C / B: 347 / 303 / 259 mm
Bucati per pliu: 1 buc.
Cant. totala: 8 buc.



TALP INF.
4 - 5

Dim./Clasa: 48 x 100 C24
Lungimea Totala: 3111 mm
T / C / B: 2885 / 2998 / 3111 mm
Bucati per pliu: 1 buc.
Cant. totala: 8 buc.



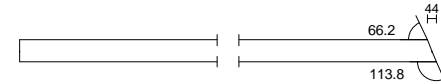
TALP INF.
9 - 7

Dim./Clasa: 48 x 100 C24
Lungimea Totala: 1131 mm
T / C / B: 1131 / 1131 / 1131 mm
Bucati per pliu: 1 buc.
Cant. totala: 8 buc.



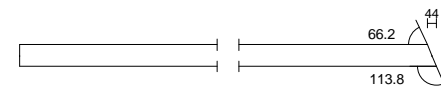
MONTANT CAPAT
7 - 8

Dim./Clasa: 48 x 100 C24
Lungimea Totala: 1602 mm
T / C / B: 1558 / 1580 / 1602 mm
Bucati per pliu: 1 buc.
Cant. totala: 8 buc.



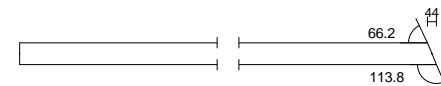
MONTANT CAPAT
5 - 1

Dim./Clasa: 48 x 100 C24
Lungimea Totala: 1275 mm
T / C / B: 1230 / 1252 / 1275 mm
Bucati per pliu: 1 buc.
Cant. totala: 8 buc.



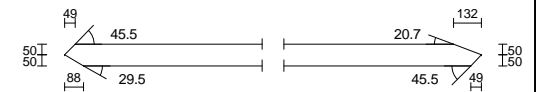
MONTANT CAPAT
9 - 11

Dim./Clasa: 48 x 100 C24
Lungimea Totala: 1147 mm
T / C / B: 1103 / 1125 / 1147 mm
Bucati per pliu: 1 buc.
Cant. totala: 8 buc.

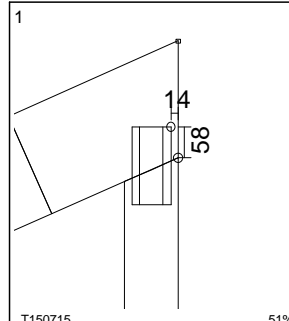
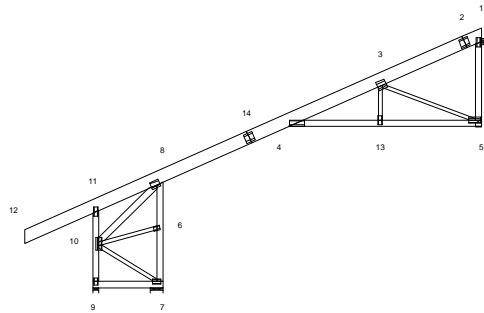


ZABREA
10 - 8

Dim./Clasa: 48 x 100 C24
Lungimea Totala: 1306 mm
T / C / B: 1125 / 1306 / 1169 mm
Bucati per pliu: 1 buc.
Cant. totala: 8 buc.



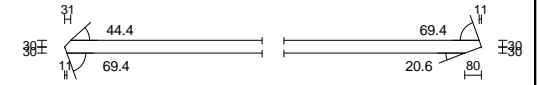
FC2 - 8 buc. 1-pliu



T150715 51%

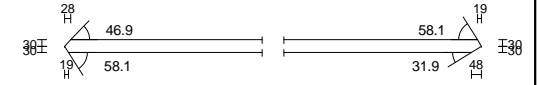
ZABREA
3 - 5

Dim./Clasa: 48 x 60 C24
Lungimea Totala: 1608 mm
T / C / B: 1566 / 1608 / 1517 mm
Bucati per pliu: 1 buc.
Cant. totala: 8 buc.



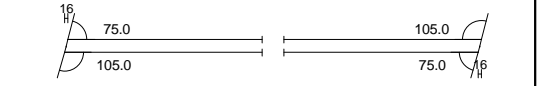
ZABREA
10 - 7

Dim./Clasa: 48 x 60 C24
Lungimea Totala: 1097 mm
T / C / B: 1050 / 1097 / 1030 mm
Bucati per pliu: 1 buc.
Cant. totala: 8 buc.



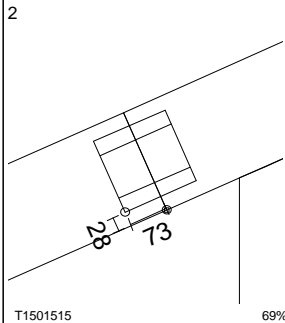
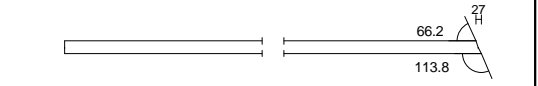
ZABREA
10 - 6

Dim./Clasa: 48 x 60 C24
Lungimea Totala: 980 mm
T / C / B: 964 / 964 / 964 mm
Bucati per pliu: 1 buc.
Cant. totala: 8 buc.

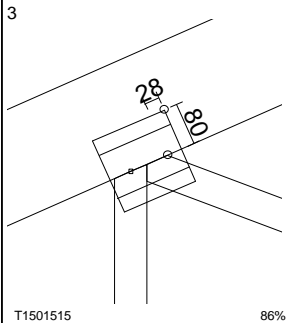


ZABREA
13 - 3

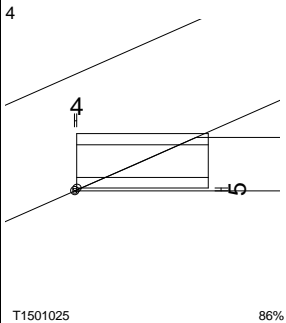
Dim./Clasa: 48 x 60 C24
Lungimea Totala: 565 mm
T / C / B: 538 / 552 / 565 mm
Bucati per pliu: 1 buc.
Cant. totala: 8 buc.



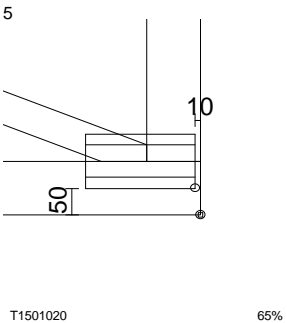
T1501515 69%



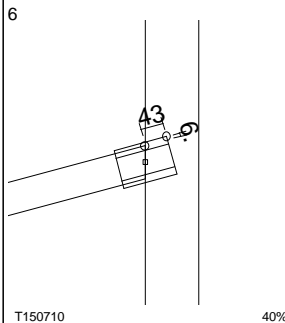
T1501515 86%



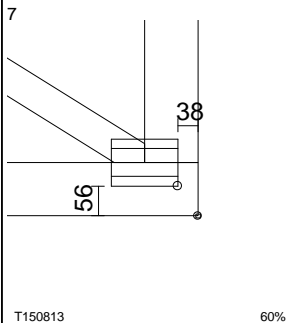
T1501025 86%



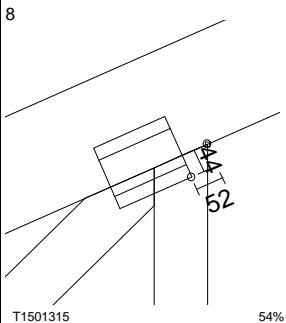
T1501020 65%



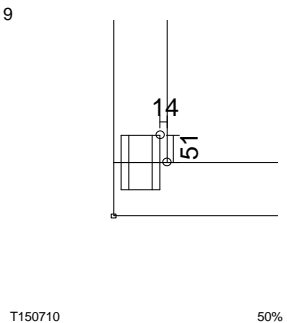
T150710 40%



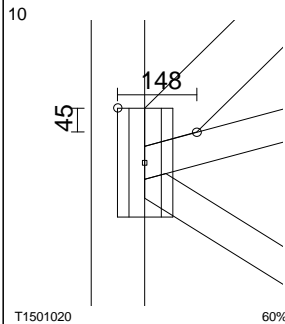
T150813 60%



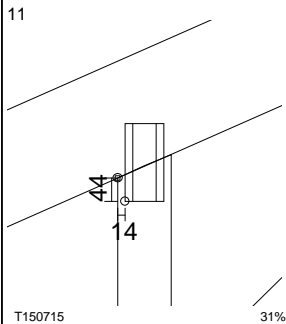
T1501315 54%



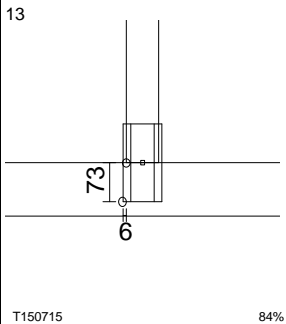
T150710 50%



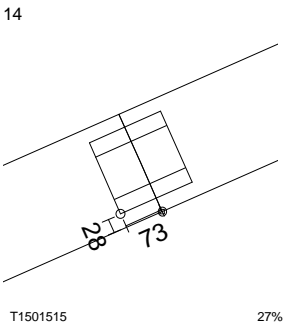
T1501020 60%



T150715 31%



T150715 84%



T1501515 27%

TOLERANTA AMPLASARE CONECTORI: 10 mm

20111005
TIMP: 15.14
VERSIUNEA: 2011 SR2b

PROIECT NR.

mansarda casa Costache

TIP COD NR.

NUMAR DESEN

1

DESENAT:

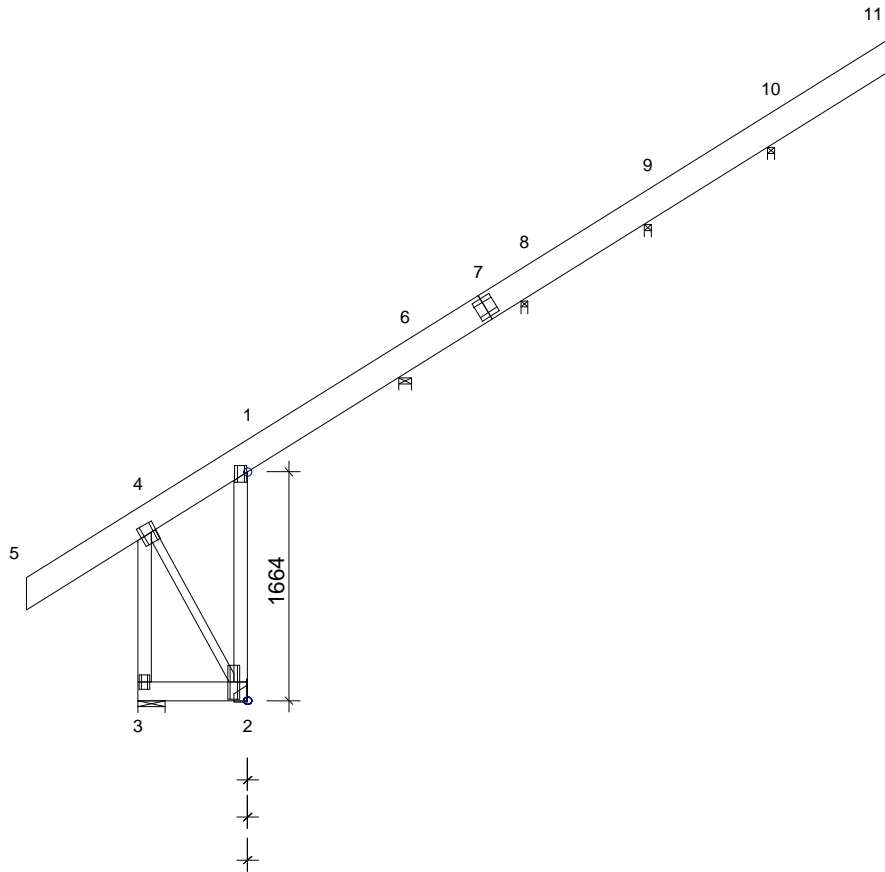
DESENE PT. PRODUCTIE

Pagina 2(2)

Truss FC2

DIRECTII GENERALE:

CONSTRUCTIE CALCULATA CU PROGRAMUL DE CALCULATOR "TRUSSCON". LIC.NO: 13002
FORTELE AU FOST CALCULATE IN CORCONDANTA CU TEORIA DEFORMATIILOR DE ORDIN 1.
COD LEMN: SR EN 1995+NA
COD CONECTORI: SR EN 1995+NA;

**SETARI GENERALE:**

GROSIME LEMN: (mm)	48
INTERAX FERME: (mm)	895
ZONA CLIMATICA:	2
CLASA DE SIGURANTA:	2

INCARCARI (kN/m²):

INCARCARE ZAPADA (VALOAREA DE BAZA):	2.00
INCARCARE VANT (VALOAREA DE BAZA):	0.96
INCARCARE UTILA:	NR

INCARCARI PERMANENTE: VEZI TABELUL DE LEMN
ALTE INCARCARI: VEZI NOTE DE CALCUL

REACTIUNI REAZEM (kN/kNm) (ULTIME):

NR	DIR.	PERM. MAX	MED. MAX	SCURT MAX	INST. MAX	INST. MIN	SUP-W. MM
2	Vert	0.62	0.00	1.63	6.00	-6.89	12
3	Oriz	0.00	0.00	0.00	-4.74	0.00	
3	Vert	1.72	0.00	9.82	12.93	-1.23	26
6	Vert	1.01	0.00	3.19	4.37	-2.23	21
8	Vert	0.74	0.00	2.72	2.94	-0.15	16
9	Vert	0.82	0.00	2.61	3.14	-0.82	15
10	Vert	0.90	0.00	2.86	3.38	-0.74	17
11	Vert	0.32	0.00	1.03	1.22	-0.28	6

PREZENTUL PROIECT ESTE CALCULAT CU PLACI MULTICUI MITEK CONFORM CE 1020-CPD-070038938 SI ESTE VALABIL NUMAI IN CONDITIILE FOLOSIRII PLACILOR MULTICUI SPECIFICATE.

TOLERANTA AMPLASARE CONECTORI: 10 mm

LEMN: GROSIME 48 mm						CONECTORI - IMBINARI (NU INNADIRI):					CONECTORI - INNADIRI:				
ELEMENT CONSTR.	LATIME mm	CLASA	CTW mm	CARCARE kN/m²	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %
2-1	100	C24	Nu		11	1	T150	88	124	35	7	T150	145	146	9
5-11	200	C24	400	0.60	50	2	T150	88	245	77					
2-3	135	C24	Da	0.26	17	3	T150	73	102	67					
3-4	100	C24	Nu		32	4	T150	124	146	86					
2-4	60	C24	Nu		27										

DEFORMARE MAX. (mm) (EXPL. NORMALA):

NR. NOD	VERT.	ORIZ.	NR LC.
5	7.5	1.6	33
4	1.3	-1.3	23
1-6	-0.1	-3.1	33

PENTRU DEFORMATII IN ALTE PUNCTE: VEZI NOTE DE CALCUL

VERSIUNEA: 2011 SR26
TIME: 15.13

DESENAT VERIFICAT PROIECT NR.
mansarda casa

Truss M1
Costache

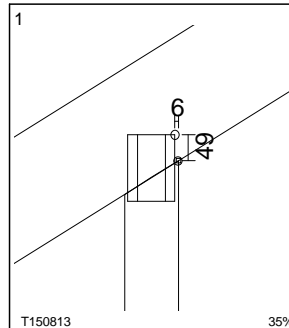
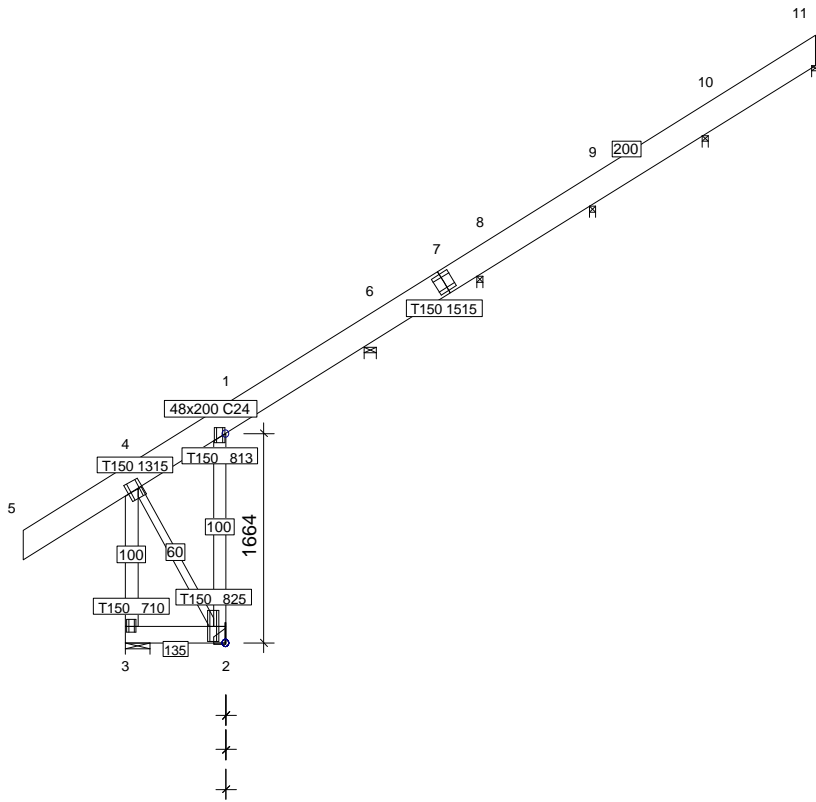
SCARA 1:55(A4)

, 20111005

TIP COD NR.

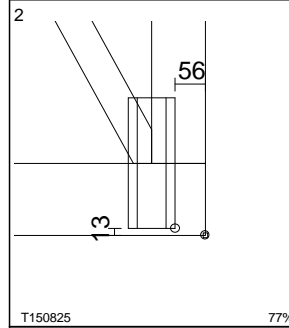
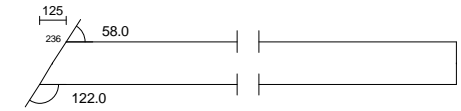
NUMAR DESEN
1

REG.



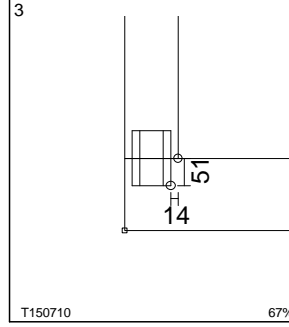
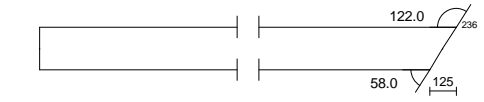
TALPA SUP.
5 - 7

Dim./Clasa: 48 x 200 C24
Lungimea Totala: 4000 mm
T / C / B: 3875 / 3938 / 4000 mm
Bucati per pliu: 1 buc.
Cant. totala: 2 buc.



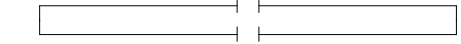
TALPA SUP.
7 - 11

Dim./Clasa: 48 x 200 C24
Lungimea Totala: 3537 mm
T / C / B: 3537 / 3475 / 3412 mm
Bucati per pliu: 1 buc.
Cant. totala: 2 buc.



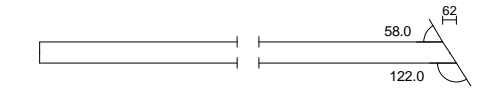
TALP INF.
3 - 2

Dim./Clasa: 48 x 135 C24
Lungimea Totala: 800 mm
T / C / B: 800 / 800 / 800 mm
Bucati per pliu: 1 buc.
Cant. totala: 2 buc.



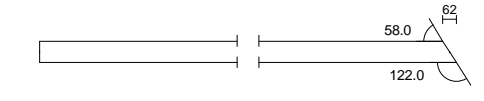
MONTANT CAPAT
2 - 1

Dim./Clasa: 48 x 100 C24
Lungimea Totala: 1529 mm
T / C / B: 1467 / 1498 / 1529 mm
Bucati per pliu: 1 buc.
Cant. totala: 2 buc.



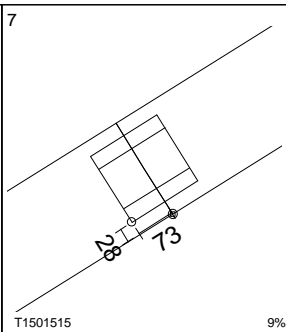
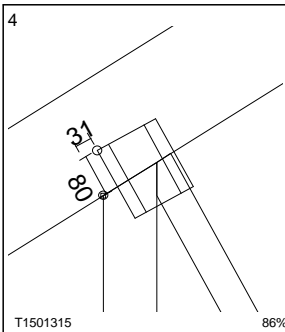
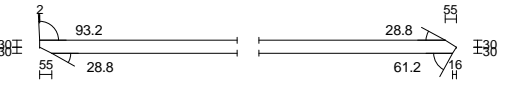
MONTANT CAPAT
3 - 4

Dim./Clasa: 48 x 100 C24
Lungimea Totala: 1092 mm
T / C / B: 1029 / 1060 / 1092 mm
Bucati per pliu: 1 buc.
Cant. totala: 2 buc.



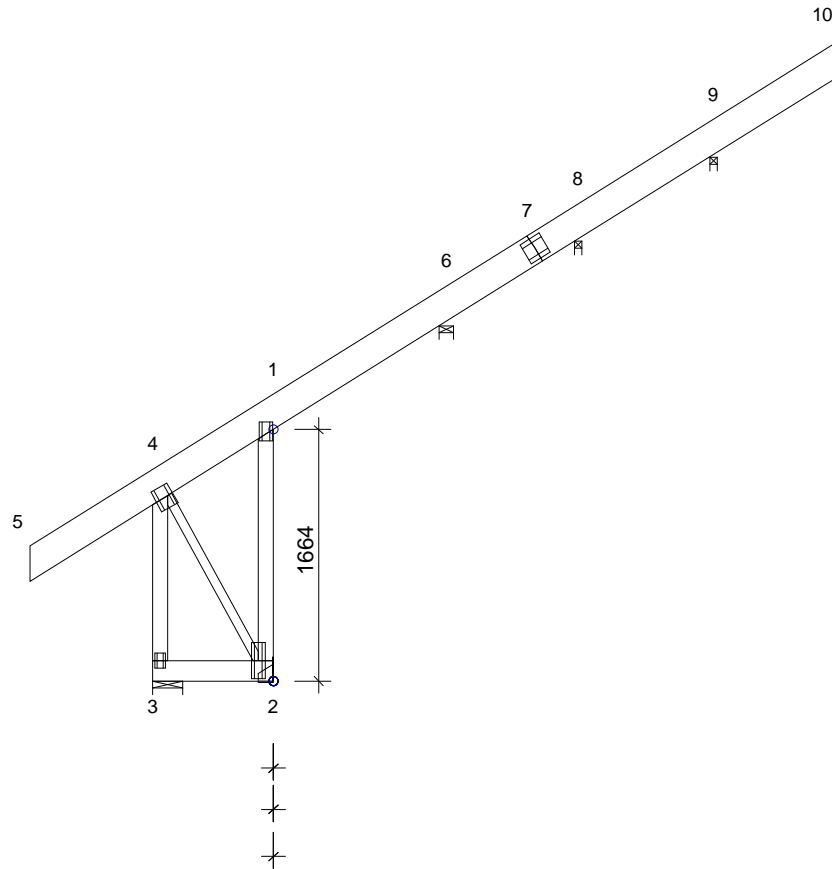
ZABREA
4 - 2

Dim./Clasa: 48 x 60 C24
Lungimea Totala: 1247 mm
T / C / B: 1193 / 1246 / 1175 mm
Bucati per pliu: 1 buc.
Cant. totala: 2 buc.



DIRECTII GENERALE:

CONSTRUCTIE CALCULATA CU PROGRAMUL DE CALCULATOR "TRUSSCON". LIC.NO: 13002
FORTELE AU FOST CALCULATE IN CORCONDANTA CU TEORIA DEFORMATIILOR DE ORDIN 1.
COD LEMN: SR EN 1995+NA
COD CONECTORI: SR EN 1995+NA;

**SETARI GENERALE:**

GROSIME LEMN: (mm)	48
INTERAX FERME: (mm)	895
ZONA CLIMATICA:	2
CLASA DE SIGURANTA:	2

INCARCARI (kN/m²):

INCARCARE ZAPADA (VALOAREA DE BAZA):	2.00
INCARCARE VANT (VALOAREA DE BAZA):	0.96
INCARCARE UTILA:	NR

INCARCARI PERMANENTE: VEZI TABELUL DE LEMN
ALTE INCARCARI: VEZI NOTE DE CALCUL

REACTIUNI REAZEM (kN/kNm) (ULTIME):

NR	DIR.	PERM. MAX	MED. MAX	SCURT MAX	INST. MAX	INST. MIN	SUP-W. MM
2	Vert	0.62	0.00	1.63	5.54	-6.01	12
3	Oriz	0.00	0.00	0.00	-4.13	0.00	
3	Vert	1.72	0.00	9.82	12.48	-0.50	25
6	Vert	1.01	0.00	3.19	4.31	-2.06	20
8	Vert	0.74	0.00	2.70	2.95	-0.21	16
9	Vert	0.88	0.00	2.81	3.37	-0.85	16
10	Vert	0.31	0.00	0.99	1.17	-0.25	6

PREZENTUL PROIECT ESTE CALCULAT CU PLACI MULTICUI MITEK CONFORM CE 1020-CPD-070038938 SI ESTE VALABIL NUMAI IN CONDITIILE FOLOSIRII PLACILOR MULTICUI SPECIFICATE.

TOLERANTA AMPLASARE CONECTORI: 10 mm

LEMN:						CONECTORI - IMBINARI (NU INNADIRI):					CONECTORI - INNADIRI:				
ELEMENT CONSTR.	LATIME mm	CLASA	CTW mm	CARCARE kN/m²	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %
2-1	100	C24	Nu		11	1	T150	88	124	33	7	T150	145	146	8
5-10	200	C24	400	0.60	50	2	T150	88	245	66					
2-3	135	C24	Da	0.26	17	3	T150	73	102	65					
3-4	100	C24	Nu		30	4	T150	124	146	84					
2-4	60	C24	Nu		24										

DEFORMARE MAX. (mm) (EXPL. NORMALA):

NR. NOD	VERT.	ORIZ.	NR LC.
5	7.4	1.7	33
4	1.3	-1.3	23
1-6	-0.1	-3.0	33

PENTRU DEFORMATII IN ALTE PUNCTE: VEZI NOTE DE CALCUL



VERSIUNEA: 2011 SR26
TIME: 12.18

DESENAT

VERIFICAT

PROIECT NR.

, 20110831

mansarda casa

Truss M2

Costache

SCARA 1:50(A4)

TIP COD NR.

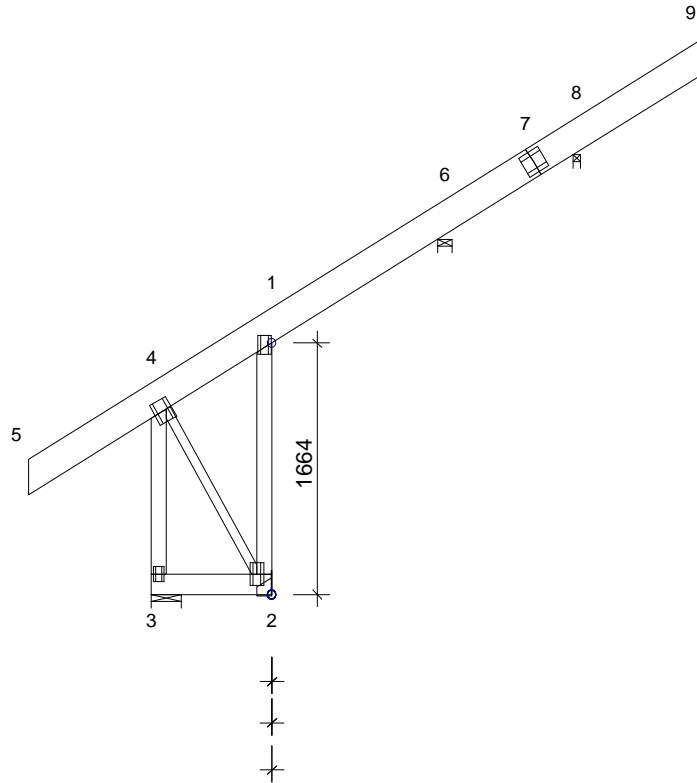
NUMAR DESEN

REG.

1

DIRECTII GENERALE:

CONSTRUCTIE CALCULATA CU PROGRAMUL DE CALCULATOR "TRUSSCON". LIC.NO: 13002
FORTELE AU FOST CALCULATE IN CORCONDANTA CU TEORIA DEFORMATIILOR DE ORDIN 1.
COD LEMN: SR EN 1995+NA
COD CONECTORI: SR EN 1995+NA;

**SETARI GENERALE:**

GROSIME LEMN: (mm)	48
INTERAX FERME: (mm)	895
ZONA CLIMATICA:	2
CLASA DE SIGURANTA:	2

INCARCARI (kN/m²):

INCARCARE ZAPADA (VALOAREA DE BAZA):	2.00
INCARCARE VANT (VALOAREA DE BAZA):	0.96
INCARCARE UTILA:	NR

INCARCARI PERMANENTE: VEZI TABELUL DE LEMN
ALTE INCARCARI: VEZI NOTE DE CALCUL

REACTIUNI REAZEM (kN/kNm) (ULTIME):

NR	DIR.	PERM. MAX	MED. MAX	SCURT MAX	INST. MAX	INST. MIN	SUP-W. MM
2	Vert	0.59	0.00	1.54	4.94	-5.06	10
3	Oriz	0.00	0.00	0.00	-3.55	0.00	
3	Vert	1.74	0.00	9.82	12.03	0.27	24
6	Vert	1.03	0.00	3.26	4.34	-1.96	20
8	Vert	0.78	0.00	2.87	3.15	-0.28	17
9	Vert	0.32	0.00	1.01	1.24	-0.35	6

PREZENTUL PROIECT ESTE CALCULAT CU PLACI MULTICUI MITEK CONFORM CE 1020-CPD-070038938 SI ESTE VALABIL NUMAI IN CONDITIILE FOLOSIRII PLACILOR MULTICUI SPECIFICATE.

TOLERANTA AMPLASARE CONECTORI: 10 mm

LEMN: GROSIME 48 mm						CONECTORI - IMBINARI (NU INNADIRI):					CONECTORI - INNADIRI:				
ELEMENT CONSTR.	LATIME mm	CLASA	CTW mm	CARCARE kN/m²	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %
2-1	100	C24	Nu		10	1	T150	88	124	30	7	T150	145	146	8
5-9	200	C24	400	0.60	50	2	T150	88	146	81					
2-3	135	C24	Da	0.26	15	3	T150	73	102	63					
3-4	100	C24	Nu		29	4	T150	124	146	85					
2-4	60	C24	Nu		21										

DEFORMARE MAX. (mm) (EXPL. NORMALA):

NR. NOD	VERT.	ORIZ.	NR LC.
5	7.4	1.7	33
4	1.3	-1.4	23
1-6	-0.1	-2.9	33

PENTRU DEFORMATII IN ALTE PUNCTE: VEZI NOTE DE CALCUL

VERSIUNEA: 2011 SR26
TIME: 12.19



DESENAT VERIFICAT PROIECT NR.
mansarda casa Costache

Truss M3

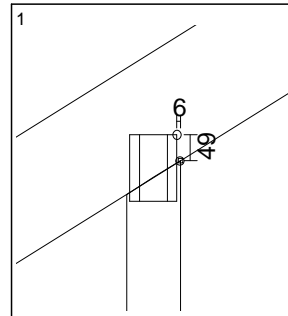
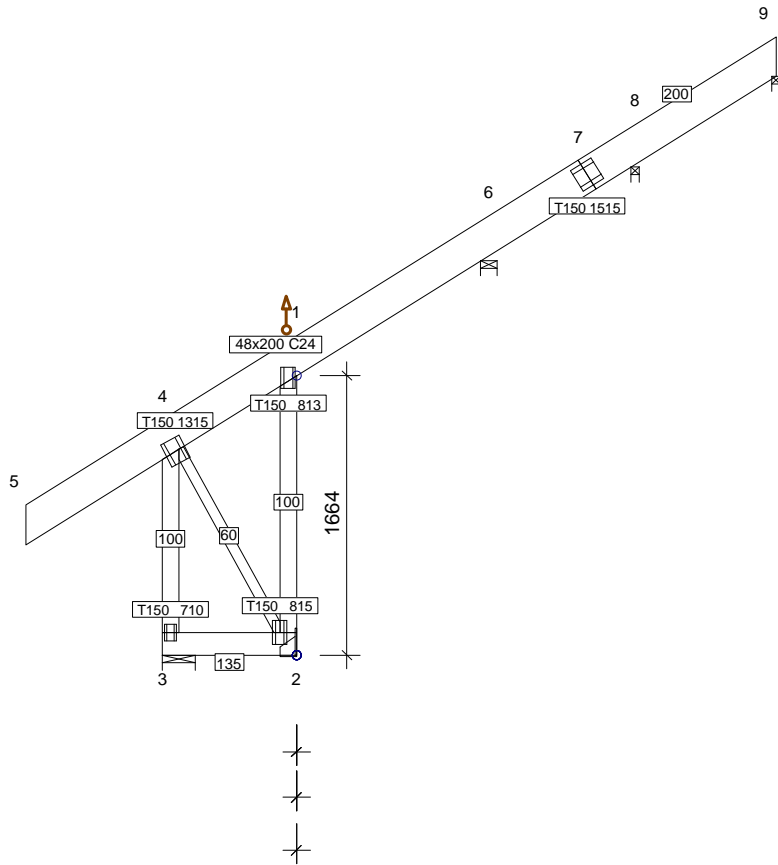
SCARA 1:50(A4)

, 20110831

TIP COD NR.

NUMAR DESEN
1

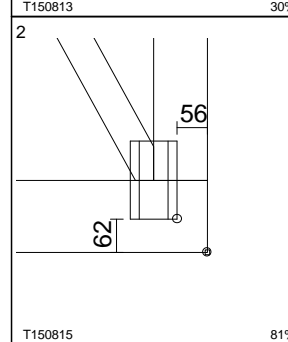
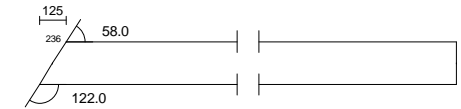
REG.



TALPA SUP.

5 - 7

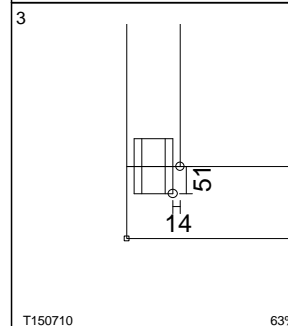
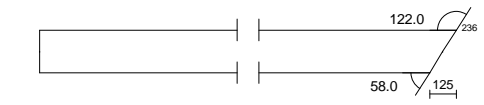
Dim./Clasa: 48 x 200 C24
 Lungimea Totala: 4000 mm
 T / C / B: 3875 / 3938 / 4000 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 4 buc.



TALPA SUP.

7 - 9

Dim./Clasa: 48 x 200 C24
 Lungimea Totala: 1387 mm
 T / C / B: 1387 / 1324 / 1262 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 4 buc.



TALP INF.

3 - 2

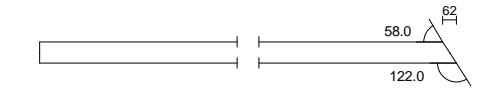
Dim./Clasa: 48 x 135 C24
 Lungimea Totala: 800 mm
 T / C / B: 800 / 800 / 800 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 4 buc.



MONTANT CAPAT

2 - 1

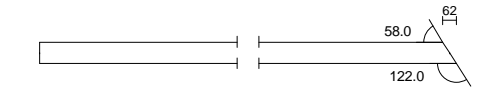
Dim./Clasa: 48 x 100 C24
 Lungimea Totala: 1529 mm
 T / C / B: 1467 / 1498 / 1529 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 4 buc.



MONTANT CAPAT

3 - 4

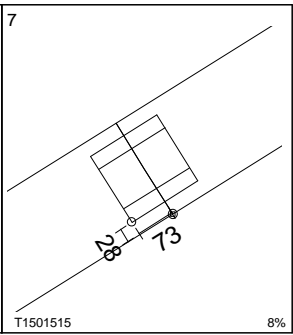
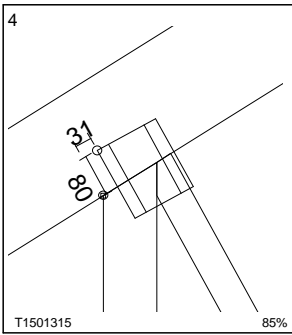
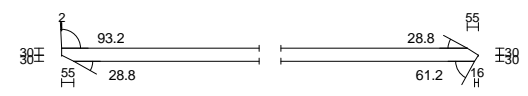
Dim./Clasa: 48 x 100 C24
 Lungimea Totala: 1092 mm
 T / C / B: 1029 / 1060 / 1092 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 4 buc.



ZABREA

4 - 2

Dim./Clasa: 48 x 60 C24
 Lungimea Totala: 1247 mm
 T / C / B: 1193 / 1246 / 1175 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 4 buc.



T1501315 85%

T1501515 8%

TOLERANTA AMPLASARE CONECTORI: 10 mm

20110831
 TIMP: 12.19
 VERSIUNEA: 2011 SR2b

PROIECT NR.

mansarda casa Costache

DESENAT:

DESENE PT. PRODUCTIE

Pagina 1(1)

TIP COD NR.

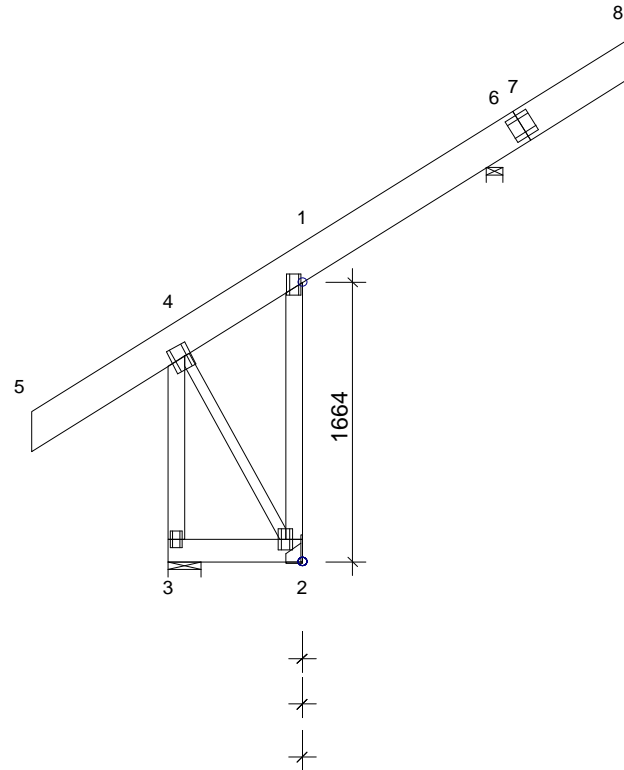
NUMAR DESEN

1

Truss M3

DIRECTII GENERALE:

CONSTRUCTIE CALCULATA CU PROGRAMUL DE CALCULATOR "TRUSSCON". LIC.NO: 13002
FORTELE AU FOST CALCULATE IN CORCONDANTA CU TEORIA DEFORMATIILOR DE ORDIN 1.
COD LEMN: SR EN 1995+NA
COD CONECTORI: SR EN 1995+NA;

**SETARI GENERALE:**

GROSIME LEMN: (mm)	48
INTERAX FERME: (mm)	895
ZONA CLIMATICA:	2
CLASA DE SIGURANTA:	2

INCARCARI (kN/m²):

INCARCARE ZAPADA (VALOAREA DE BAZA):	2.00
INCARCARE VANT (VALOAREA DE BAZA):	0.96
INCARCARE UTILA:	NR

INCARCARI PERMANENTE: VEZI TABELUL DE LEMN
ALTE INCARCARI: VEZI NOTE DE CALCUL

REACTIUNI REAZEM (kN/kNm) (ULTIME):

NR	DIR.	PERM. MAX	MED. MAX	SCURT MAX	INST. MAX	INST. MIN	SUP-W. MM
2	Vert	0.62	0.00	1.62	4.64	-4.33	10
3	Oriz	0.00	0.00	0.00	-2.96	0.00	
3	Vert	1.75	0.00	9.82	11.60	0.99	24
6	Vert	0.99	0.00	3.14	4.01	-1.48	19
8	Vert	0.28	0.00	0.97	1.11	-0.18	6

PREZENTUL PROIECT ESTE CALCULAT CU PLACI MULTICUI MITEK CONFORM CE 1020-CPD-070038938 SI ESTE VALABIL NUMAI IN CONDITIILE FOLOSIRII PLACILOR MULTICUI SPECIFICATE.

TOLERANTA AMPLASARE CONECTORI: 10 mm

LEMN: GROSIME 48 mm						CONECTORI - IMBINARI (NU INNADIRI):					CONECTORI - INNADIRI:				
ELEMENT CONSTR.	LATIME mm	CLASA	CTW mm	CARCARE kN/m²	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %
2-1	100	C24	Nu		11	1	T150	88	124	30	7	T150	145	146	8
5-8	200	C24	400	0.60	50	2	T150	88	124	83					
2-3	135	C24	Da	0.26	14	3	T150	73	102	62					
3-4	100	C24	Nu		28	4	T150	124	146	85					
2-4	60	C24	Nu		18										

DEFORMARE MAX. (mm) (EXPL. NORMALA):

NR. NOD	VERT.	ORIZ.	NR LC.
5	7.3	1.8	33
4	1.3	-1.4	23
1-6	-0.1	-2.8	33

PENTRU DEFORMATII IN ALTE PUNCTE: VEZI NOTE DE CALCUL



VERSIUNEA: 2011 SR26
TIME: 15.13

DESENAT VERIFICAT PROIECT NR.
mansarda casa

Truss M4

Costache

SCARA 1:45(A4)

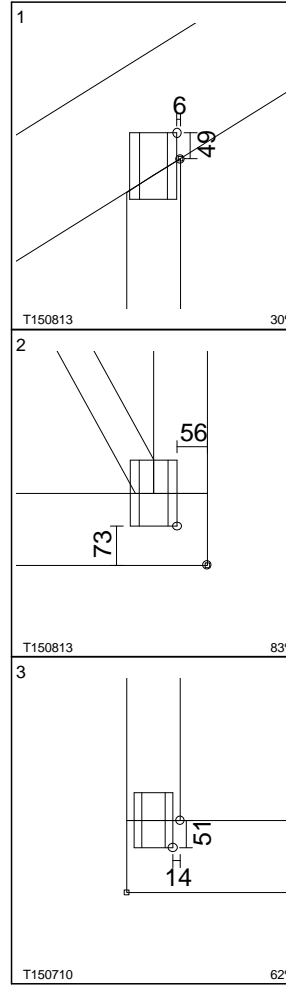
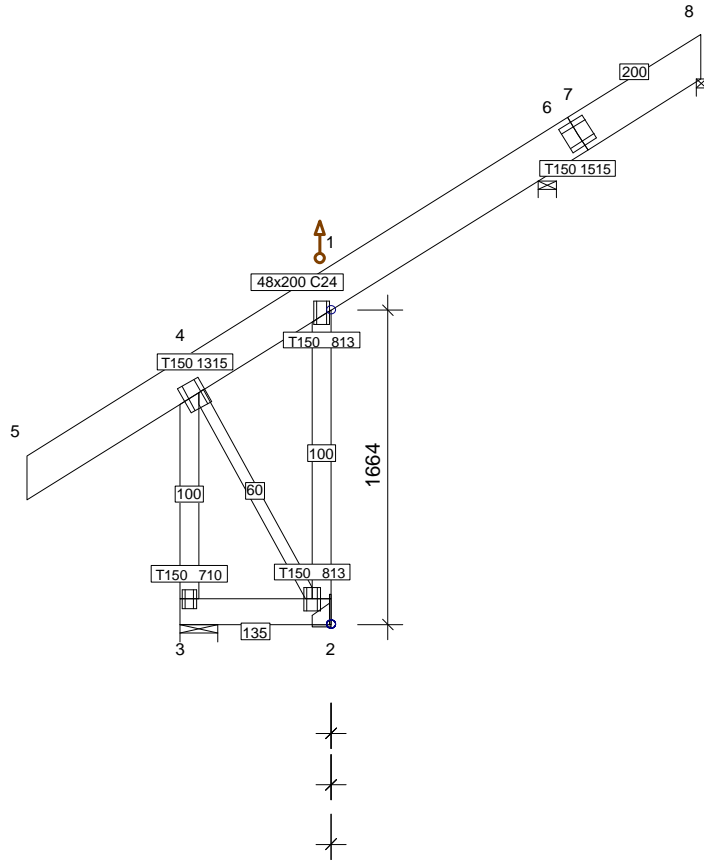
, 20111005

TIP COD NR.

NUMAR DESEN

REG.

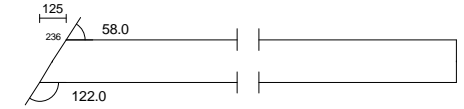
1



TALPA SUP.

5 - 7

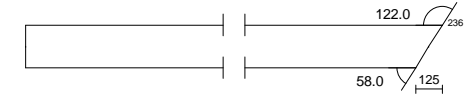
Dim./Clasa: 48 x 200 C24
 Lungimea Totala: 3500 mm
 T / C / B: 3375 / 3438 / 3500 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 4 buc.



TALPA SUP.

7 - 8

Dim./Clasa: 48 x 200 C24
 Lungimea Totala: 831 mm
 T / C / B: 831 / 769 / 706 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 4 buc.



TALP INF.

3 - 2

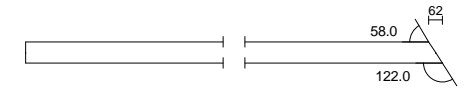
Dim./Clasa: 48 x 135 C24
 Lungimea Totala: 800 mm
 T / C / B: 800 / 800 / 800 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 4 buc.



MONTANT CAPAT

2 - 1

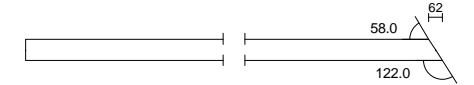
Dim./Clasa: 48 x 100 C24
 Lungimea Totala: 1529 mm
 T / C / B: 1467 / 1498 / 1529 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 4 buc.



MONTANT CAPAT

3 - 4

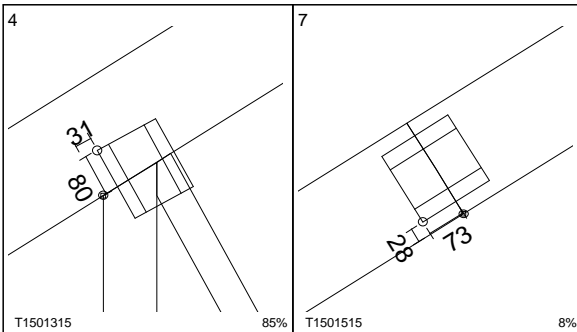
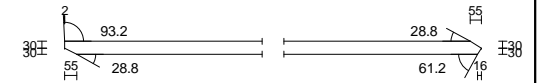
Dim./Clasa: 48 x 100 C24
 Lungimea Totala: 1092 mm
 T / C / B: 1029 / 1060 / 1092 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 4 buc.



ZABREA

4 - 2

Dim./Clasa: 48 x 60 C24
 Lungimea Totala: 1247 mm
 T / C / B: 1193 / 1246 / 1175 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 4 buc.



TOLERANTA AMPLASARE CONECTORI: 10 mm

20111005
 TIMP: 15.13
 VERSIUNEA: 2011 SR2b

PROIECT NR.

mansarda casa Costache

DESENAT:

DESENE PT. PRODUCTIE

Pagina 1(1)

TIP COD NR.

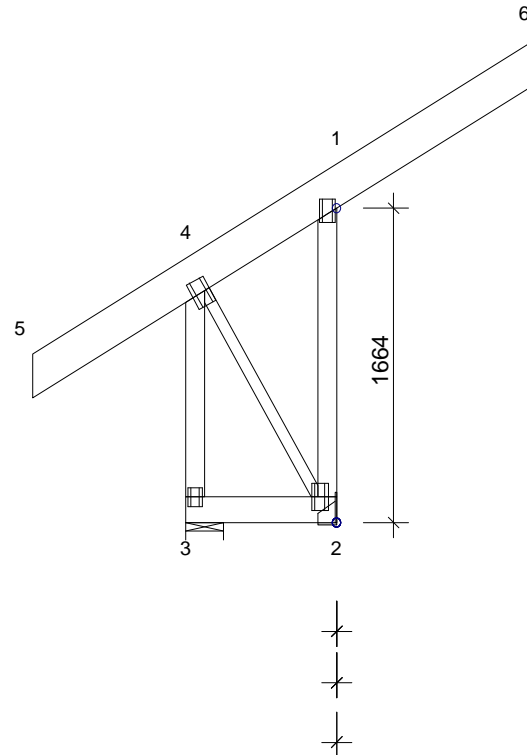
NUMAR DESEN

1

Truss M4

DIRECTII GENERALE:

CONSTRUCTIE CALCULATA CU PROGRAMUL DE CALCULATOR "TRUSSCON". LIC.NO: 13002
FORTELE AU FOST CALCULATE IN CORCONDANTA CU TEORIA DEFORMATIILOR DE ORDIN 1.
COD LEMN: SR EN 1995+NA
COD CONECTORI: SR EN 1995+NA;

**SETARI GENERALE:**

GROSIME LEMN: (mm)	48
INTERAX FERME: (mm)	895
ZONA CLIMATICA:	2
CLASA DE SIGURANTA:	2

INCARCARI (kN/m²):

INCARCARE ZAPADA (VALOAREA DE BAZA):	2.00
INCARCARE VANT (VALOAREA DE BAZA):	0.96
INCARCARE UTILA:	NR

INCARCARI PERMANENTE: VEZI TABELUL DE LEMN
ALTE INCARCARI: VEZI NOTE DE CALCUL

REACTIUNI REAZEM (kN/kNm) (ULTIME):

NR	DIR.	PERM. MAX	MED. MAX	SCURT MAX	INST. MAX	INST. MIN	SUP-W. MM
2	Vert	1.79	0.00	5.30	8.92	-5.71	18
3	Oriz	0.00	0.00	0.00	-2.37	0.00	
3	Vert	1.03	0.00	8.48	10.60	-0.88	22

PREZENTUL PROIECT ESTE CALCULAT CU PLACI MULTICUI MITEK CONFORM CE 1020-CPD-070038938 SI ESTE VALABIL NUMAI IN CONDITIILE FOLOSIRII PLACILOR MULTICUI SPECIFICATE.

TOLERANTA AMPLASARE CONECTORI: 10 mm

LEMN:						CONECTORI - IMBINARI (NU INNADIRI):					CONECTORI - INNADIRI:				
GROSIME 48 mm															
ELEMENT CONSTR.	LATIME mm	CLASA	CTW mm	CARCARE kN/m²	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %
2-1	100	C24	Nu		32	1	T150	88	124	60					
6-5	200	C24	400	0.60	52	2	T150	88	146	86					
2-3	135	C24	Da	0.26	14	3	T150	73	102	55					
3-4	100	C24	Nu		28	4	T150	102	146	99					
2-4	60	C24	Nu		16										

DEFORMARE MAX. (mm) (EXPL. NORMALA):

NR. NOD	VERT.	ORIZ.	NR LC.
5	7.1	2.0	33
6	6.3	4.3	27
1	0.1	-2.4	33

PENTRU DEFORMATII IN ALTE PUNCTE: VEZI NOTE DE CALCUL

VERSIUNEA: 2011 SR26
TIME: 1.2.22

TrussCon

DESENAT VERIFICAT PROIECT NR.
, 20110831 mansarda casa

Truss M5

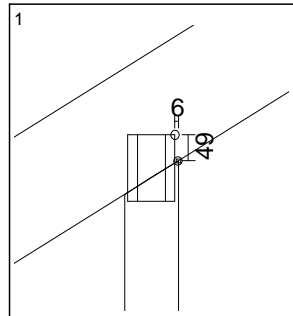
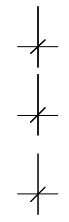
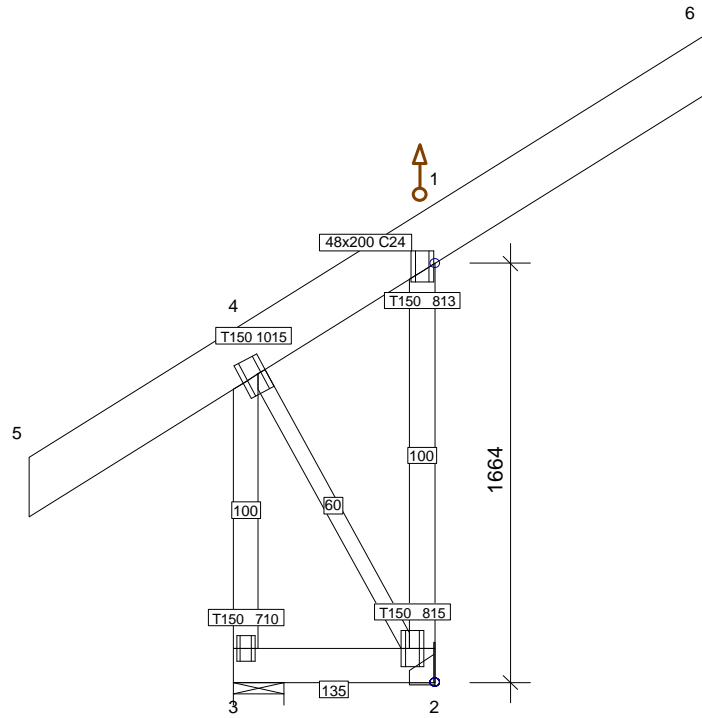
Costache

SCARA 1:40(A4)

TIP COD NR.

NUMAR DESEN
1

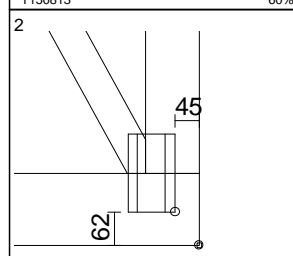
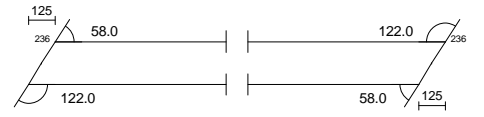
REG.



TALPA SUP.

5 - 6

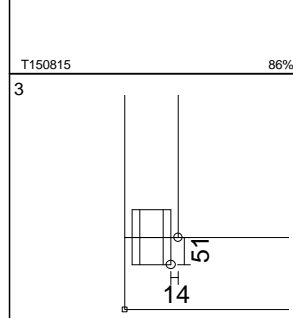
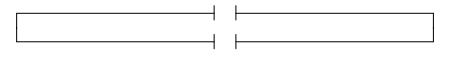
Dim./Clasa: 48 x 200 C24
 Lungimea Totala: 3276 mm
 T / C / B: 3151 / 3151 / 3151 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 4 buc.



TALP INF.

3 - 2

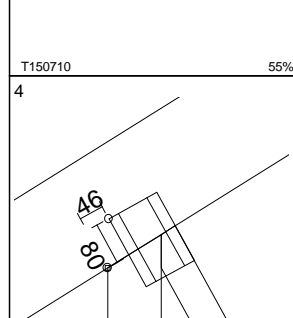
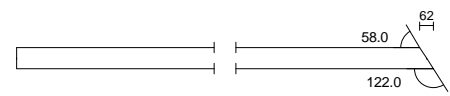
Dim./Clasa: 48 x 135 C24
 Lungimea Totala: 800 mm
 T / C / B: 800 / 800 / 800 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 4 buc.



MONTANT CAPAT

2 - 1

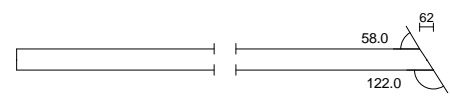
Dim./Clasa: 48 x 100 C24
 Lungimea Totala: 1529 mm
 T / C / B: 1467 / 1498 / 1529 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 4 buc.



MONTANT CAPAT

3 - 4

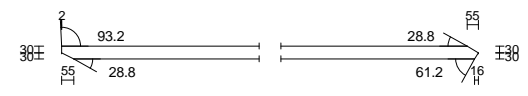
Dim./Clasa: 48 x 100 C24
 Lungimea Totala: 1092 mm
 T / C / B: 1029 / 1060 / 1092 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 4 buc.



ZABREA

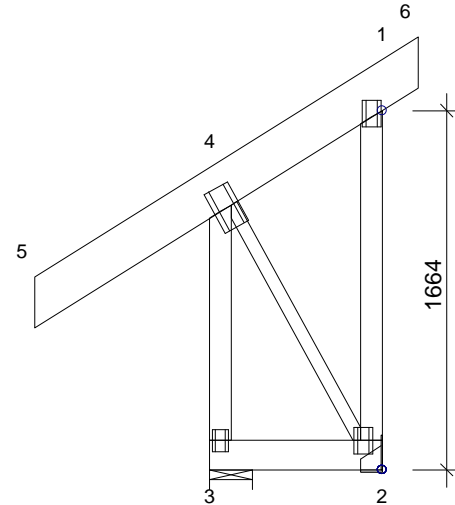
4 - 2

Dim./Clasa: 48 x 60 C24
 Lungimea Totala: 1247 mm
 T / C / B: 1193 / 1246 / 1175 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 4 buc.



DIRECTII GENERALE:

CONSTRUCTIE CALCULATA CU PROGRAMUL DE CALCULATOR "TRUSSCON". LIC.NO: 13002
FORTELE AU FOST CALCULATE IN CORCONDANTA CU TEORIA DEFORMATIILOR DE ORDIN 1.
COD LEMN: SR EN 1995+NA
COD CONECTORI: SR EN 1995+NA;

**SETARI GENERALE:**

GROSIME LEMN: (mm)	48
INTERAX FERME: (mm)	895
ZONA CLIMATICA:	2
CLASA DE SIGURANTA:	2

INCARCARI (kN/m²):

INCARCARE ZAPADA (VALOAREA DE BAZA):	2.00
INCARCARE VANT (VALOAREA DE BAZA):	0.96
INCARCARE UTILA:	NR

INCARCARI PERMANENTE: VEZI TABELUL DE LEMN
ALTE INCARCARI: VEZI NOTE DE CALCUL

REACTIUNI REAZEM (kN/kNm) (ULTIME):

NR	DIR.	PERM. MAX	MED. MAX	SCURT MAX	INST. MAX	INST. MIN	SUP-W. MM
2	Vert	0.11	0.00	0.00	2.73	-4.30	6
3	Oriz	0.00	0.00	0.00	-1.79	0.00	
3	Vert	1.89	0.00	11.17	12.11	2.44	28

PREZENTUL PROIECT ESTE CALCULAT CU PLACI MULTICUI MITEK CONFORM CE 1020-CPD-070038938 SI ESTE VALABIL NUMAI IN CONDITIILE FOLOSIRII PLACILOR MULTICUI SPECIFICATE.

TOLERANTA AMPLASARE CONECTORI: 10 mm

LEMN:						CONECTORI - IMBINARI (NU INNADIRI):					CONECTORI - INNADIRI:				
GROSIME 48 mm															
ELEMENT CONSTR.	LATIME mm	CLASA	CTW mm	CARCARE kN/m²	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %
2-1	100	C24	Nu		6	1	T150	88	124	44					
6-5	200	C24	400	0.60	53	2	T150	88	124	71					
2-3	135	C24	Da	0.26	15	3	T150	73	102	72					
3-4	100	C24	Nu		31	4	T150	124	205	82					
2-4	60	C24	Nu		14										

DEFORMARE MAX. (mm) (EXPL. NORMALA):

NR. NOD	VERT.	ORIZ.	NR LC.
5	7.4	1.8	33
4	1.4	-1.6	23
6	-0.6	-3.2	33

PENTRU DEFORMATII IN ALTE PUNCTE: VEZI NOTE DE CALCUL

VERSIUNEA: 2011 SR26
TIME: 1.2.23

TrussCon

DESENAT VERIFICAT PROIECT NR.
, 20110831 mansarda casa

Truss M6

Costache

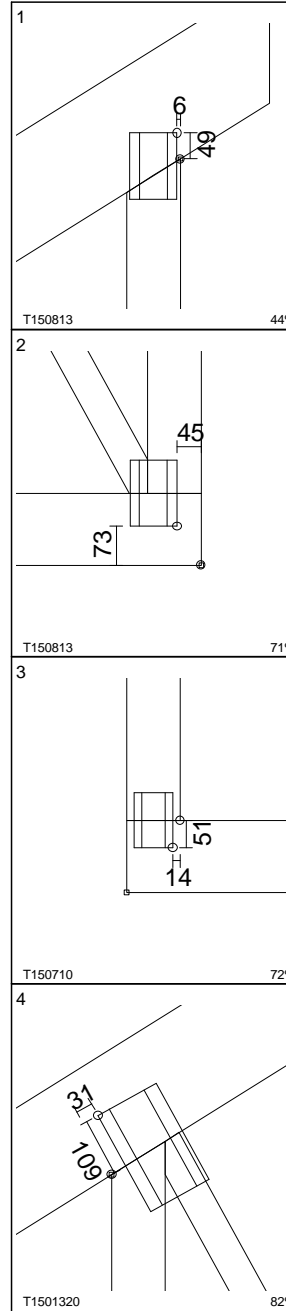
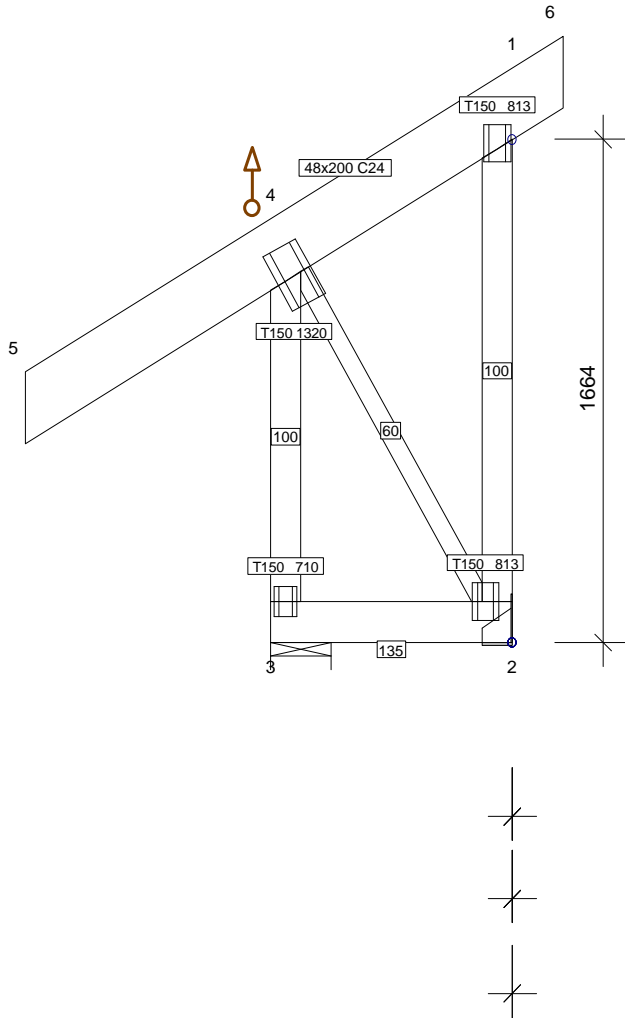
SCARA 1:35(A4)

TIP COD NR.

NUMAR DESEN

REG.

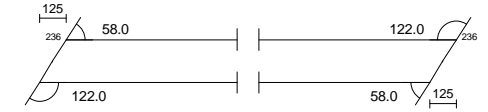
1



TALPA SUP.

5 - 6

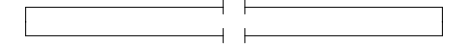
Dim./Clasa: 48 x 200 C24
 Lungimea Totala: 2220 mm
 T / C / B: 2095 / 2095 / 2095 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 8 buc.



TALP INF.

3 - 2

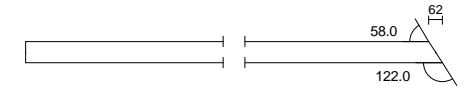
Dim./Clasa: 48 x 135 C24
 Lungimea Totala: 800 mm
 T / C / B: 800 / 800 / 800 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 8 buc.



MONTANT CAPAT

2 - 1

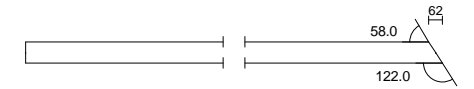
Dim./Clasa: 48 x 100 C24
 Lungimea Totala: 1529 mm
 T / C / B: 1467 / 1498 / 1529 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 8 buc.



MONTANT CAPAT

3 - 4

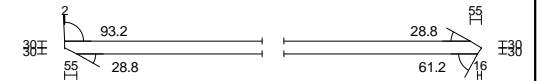
Dim./Clasa: 48 x 100 C24
 Lungimea Totala: 1092 mm
 T / C / B: 1029 / 1060 / 1092 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 8 buc.



ZABREA

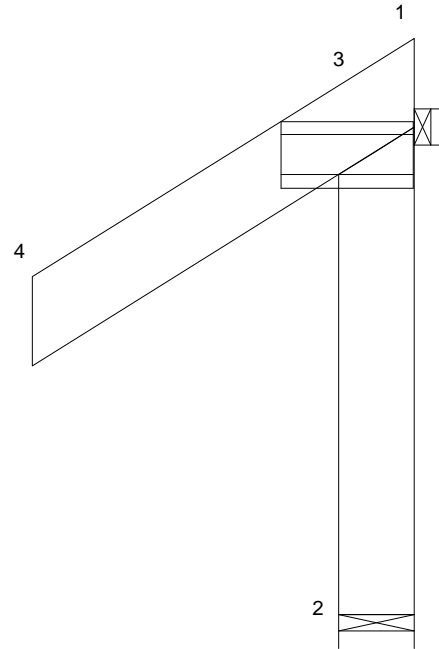
4 - 2

Dim./Clasa: 48 x 60 C24
 Lungimea Totala: 1247 mm
 T / C / B: 1193 / 1246 / 1175 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 8 buc.



DIRECTII GENERALE:

CONSTRUCTIE CALCULATA CU PROGRAMUL DE CALCULATOR "TRUSSCON". LIC.NO: 13002
FORTELE AU FOST CALCULATE IN CORCONDANTA CU TEORIA DEFORMATIILOR DE ORDIN 1.
COD LEMN: SR EN 1995+NA
COD CONECTORI: SR EN 1995+NA;

**SETARI GENERALE:**

GROSIME LEMN: (mm)	48
INTERAX FERME: (mm)	895
ZONA CLIMATICA:	2
CLASA DE SIGURANTA:	2

INCARCARI (kN/m²):

INCARCARE ZAPADA (VALOAREA DE BAZA):	2.00
INCARCARE VANT (VALOAREA DE BAZA):	0.96
INCARCARE UTILA:	NR

INCARCARI PERMANENTE: VEZI TABELUL DE LEMN
ALTE INCARCARI: VEZI NOTE DE CALCUL

REACTIUNI REAZEM (kN/kNm) (ULTIME):

NR	DIR.	PERM. MAX	MED. MAX	SCURT MAX	INST. MAX	INST. MIN	SUP-W. MM
1	Oriz	-0.27	0.00	-2.29	-2.57	0.01	
2	Oriz	0.27	0.00	2.29	2.75	0.26	
2	Vert	1.00	0.00	5.52	5.59	0.51	8

PREZENTUL PROIECT ESTE CALCULAT CU PLACI MULTICUI MITEK CONFORM CE 1020-CPD-070038938 SI ESTE VALABIL NUMAI IN CONDITIILE FOLOSIRII PLACILOR MULTICUI SPECIFICATE.

TOLERANTA AMPLASARE CONECTORI: 10 mm

LEMN:						CONECTORI - IMBINARI (NU INNADIRI):					CONECTORI - INNADIRI:				
GROSIME 48 mm															
ELEMENT CONSTR.	LATIME mm	CLASA	CTW mm	CARCARE kN/m²	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %
2-3	200	C24	Nu		43	3	T150	176	350	100					
1-4	200	C24	400	0.60	49										

DEFORMARE MAX. (mm) (EXPL. NORMALA):

NR. NOD	VERT.	ORIZ.	NR LC.
4	6.7	4.4	30
3	1.0	0.8	30
1	0.0	0.0	48

PENTRU DEFORMATII IN ALTE PUNCTE: VEZI NOTE DE CALCUL

VERSIUNEA: 2011 SR26
TIME: 16.37



DESENAT VERIFICAT PROIECT NR.
, 20110831 mansarda casa

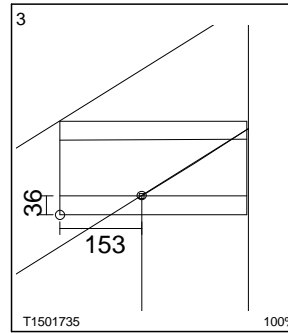
Truss M7
Costache

SCARA 1:20(A4)

TIP COD NR.

NUMAR DESEN
1

REG.



TALPA SUP.

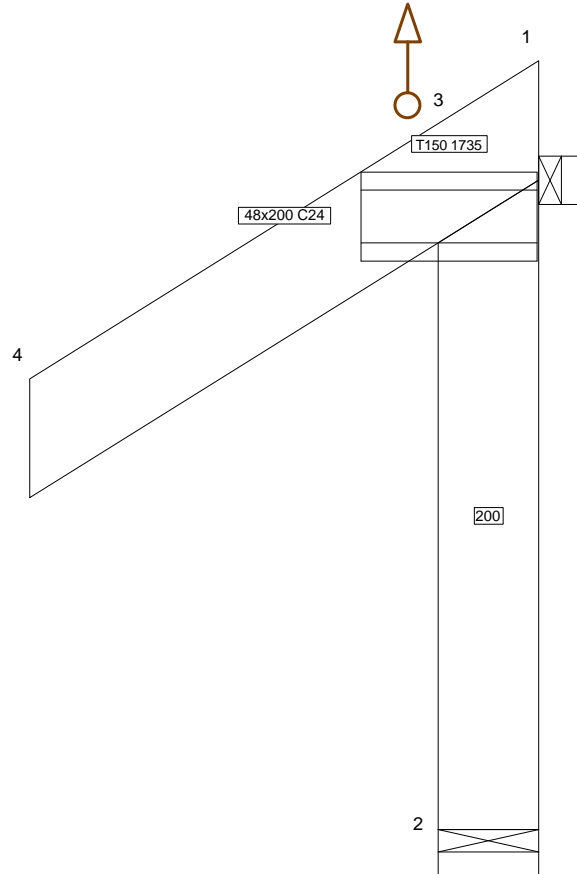
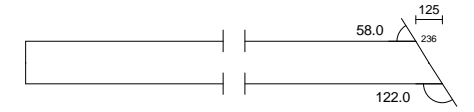
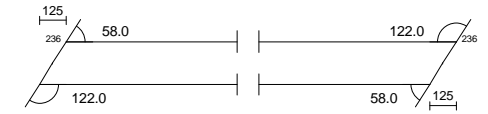
4 - 1

Dim./Clasa: 48 x 200 C24
 Lungimea Totala: 1316 mm
 T / C / B: 1191 / 1191 / 1191 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 8 buc.

MONTANT CAPAT

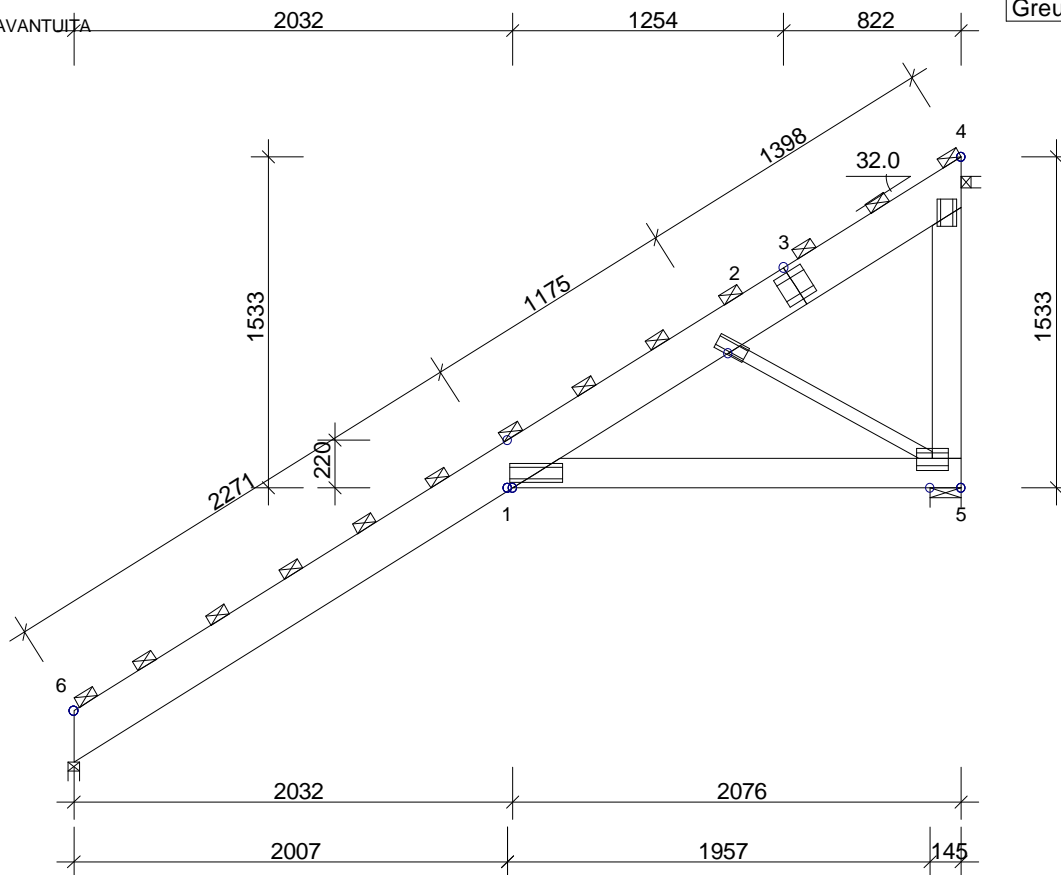
2 - 3

Dim./Clasa: 48 x 200 C24
 Lungimea Totala: 1289 mm
 T / C / B: 1164 / 1227 / 1289 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 8 buc.



M8 - 4 buc. 1-pliu

INDICA ZABREAUA CONTRAVANTULTA
VEZI INFO. TB96-10



Greut.: 29 kg/pliu

DIRECTII GENERALE:

CONSTRUCTIE CALCULATA CU PROGRAMUL DE CALCULATOR "TRUSSCON". LIC.NO: 13002
FORTELE AU FOST CALCULATE IN CORCONDANTA CU TEORIA DEFORMATIILOR DE ORDIN 1.
COD LEMN: SR EN 1995+NA
COD CONECTORI: SR EN 1995+NA;

SETARI GENERALE:

GROSIME LEMN: (mm)	48
INTERAX FERME: (mm)	895
ZONA CLIMATICA:	2
CLASA DE SIGURANTA:	2

INCARCARI (kN/m²):

INCARCARE ZAPADA (VALOAREA DE BAZA):	2.00
INCARCARE VANT (VALOAREA DE BAZA):	0.96
INCARCARE UTILA:	NR

INCARCARI PERMANENTE: VEZI TABELUL DE LEMN
ALTE INCARCARI: VEZI NOTE DE CALCUL

REACTIUNI REAZEM (kN/kNm) (ULTIME):

NR	DIR.	PERM. MAX	MED. MAX	SCURT MAX	INST. MAX	INST. SUP-W. MIN	MM
4	Oriz	-3.42	0.00	-10.09	-11.45	0.05	
5	Oriz	3.42	0.00	10.09	12.69	-2.78	
5	Vert	4.08	0.00	10.67	12.43	-0.55	26
6	Vert	0.89	0.00	5.14	5.92	-0.67	29

PREZENTUL PROIECT ESTE CALCULAT CU PLACI MULTICUI MITEK CONFORM CE 1020-CPD-070038938 SI ESTE VALABIL NUMAI IN CONDITIILE FOLOSIRII PLACILOR MULTICUI SPECIFICATE.

TOLERANTA AMPLASARE CONECTORI: 10 mm

LEMN:						CONECTORI - IMBINARI (NU INNADIRI):					CONECTORI - INNADIRI:				
ELEMENT CONSTR.	LATIME mm	CLASA	CTW mm	CARCARE kN/m²	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %
4-6	200	C24	400	0.60	69	1	T150	88	245	37	3	T150	145	146	39
4-5	135	C24	Nu	0.26	25	2	T150	73	146	35					
5-1	135	C24	Da	0.26	25	4	T150	88	124	98					
2-5	60	C24	Nu		17	5	T150	102	146	86					

DEFORMARE MAX. (mm) (EXPL. NORMALA):

NR. NOD	VERT.	ORIZ.	NR LC.
1-6	3.9	1.1	31
5-1	2.7	0.2	31
2-3	1.5	-0.3	31

PENTRU DEFORMATII IN ALTE PUNCTE: VEZI NOTE DE CALCUL

VERSIUNEA: 2011 SR26
TIMP: 1.1.31



DESENAT VERIFICAT PROIECT NR.
mansarda casa

Truss M8
Costache

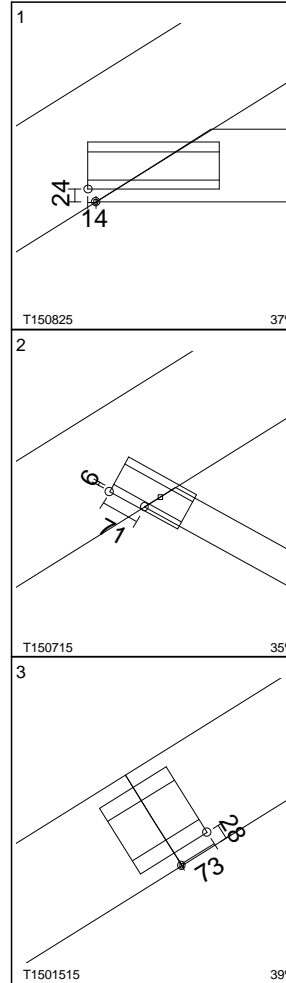
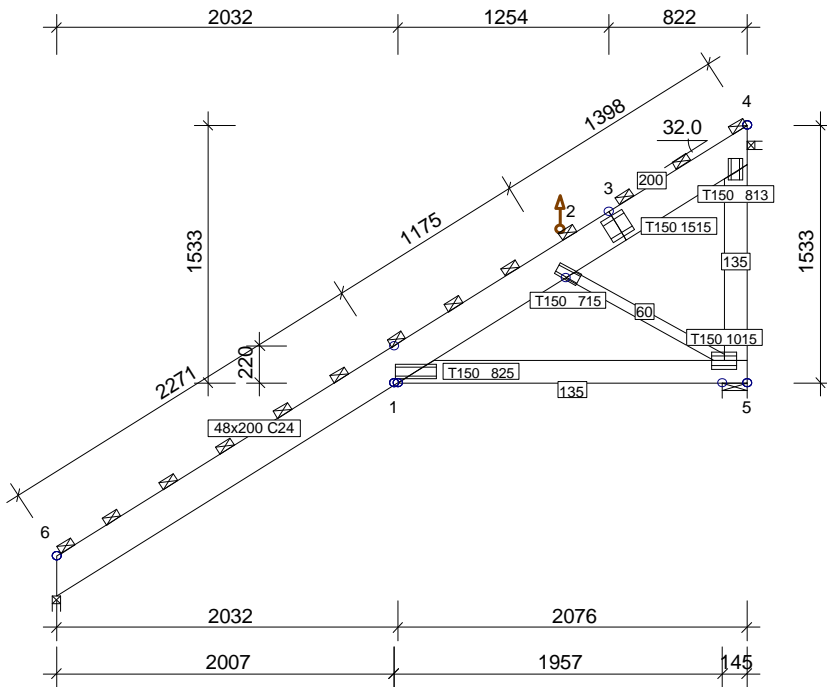
SCARA 1:35(A4)

, 20110831

TIP COD NR.

NUMAR DESEN
1

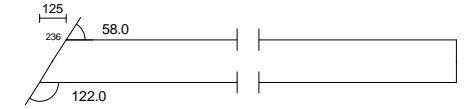
REG.



TALPA SUP.

6 - 3

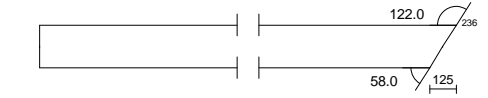
Dim./Clasa: 48 x 200 C24
Lungimea Totala: 4000 mm
T / C / B: 3875 / 3938 / 4000 mm
Bucati per pliu: 1 buc.
Cant. totala: 4 buc.



TALPA SUP.

3 - 4

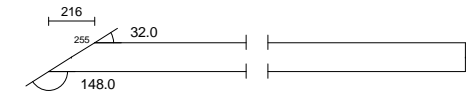
Dim./Clasa: 48 x 200 C24
Lungimea Totala: 969 mm
T / C / B: 969 / 907 / 844 mm
Bucati per pliu: 1 buc.
Cant. totala: 4 buc.



TALP INF.

1 - 5

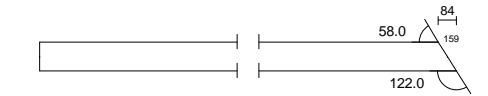
Dim./Clasa: 48 x 135 C24
Lungimea Totala: 2076 mm
T / C / B: 1860 / 1968 / 2076 mm
Bucati per pliu: 1 buc.
Cant. totala: 4 buc.



MONTANT CAPAT

5 - 4

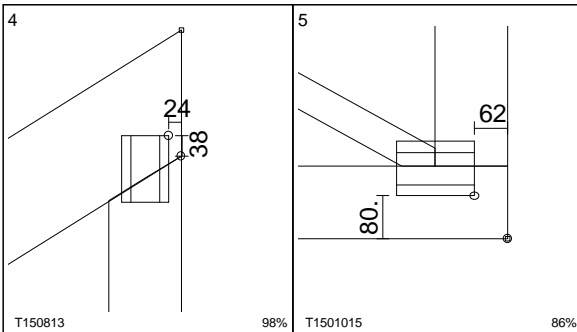
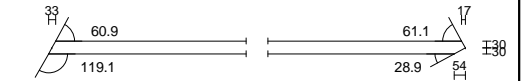
Dim./Clasa: 48 x 135 C24
Lungimea Totala: 1162 mm
T / C / B: 1078 / 1120 / 1162 mm
Bucati per pliu: 1 buc.
Cant. totala: 4 buc.



ZABREA

2 - 5

Dim./Clasa: 48 x 60 C24
Lungimea Totala: 1063 mm
T / C / B: 1013 / 1046 / 1009 mm
Bucati per pliu: 1 buc.
Cant. totala: 4 buc.



TOLERANTA AMPLASARE CONECTORI: 10 mm

20110831
TIMP: 11.31
VERSIUNEA: 2011 SR2b

PROIECT NR.
mansarda casa Costache

DESENAT:

DESENE PT. PRODUCTIE
Pagina 1(1)

TIP COD NR. NUMAR DESEN
1

Truss M8

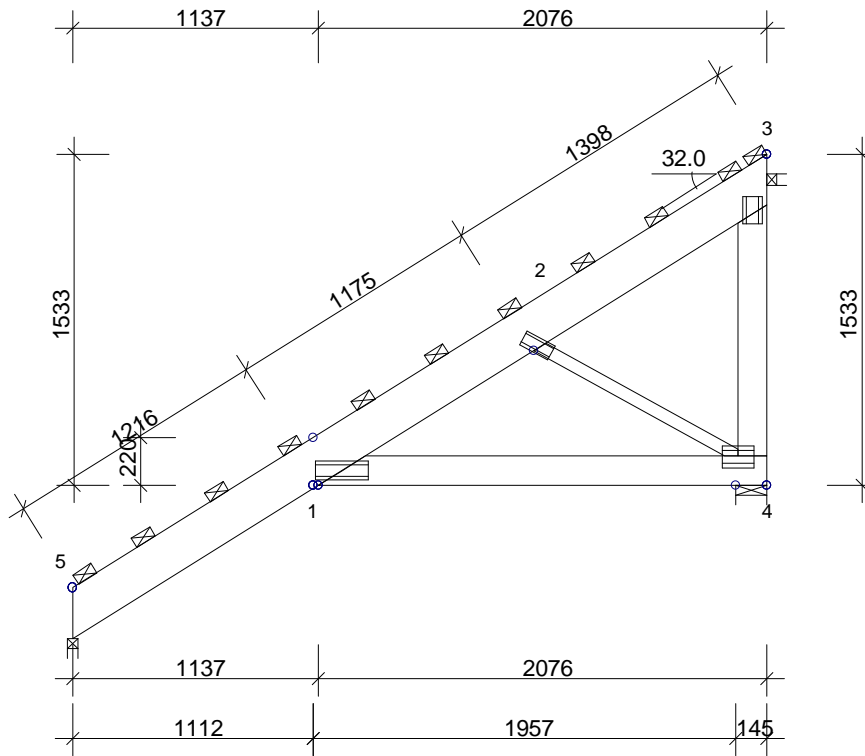
M9 - 4 buc. 1-pliu

INDICA ZABREAUA CONTRAVANTUITA
VEZI INFO. TB96-10

Greut.: 25 kg/pliu

DIRECTII GENERALE:

CONSTRUCTIE CALCULATA CU PROGRAMUL DE CALCULATOR "TRUSSCON". LIC.NO: 13002
FORTELE AU FOST CALCULATE IN CORCONDANTA CU TEORIA DEFORMATIILOR DE ORDIN 1.
COD LEMN: SR EN 1995+NA
COD CONECTORI: SR EN 1995+NA;



SETARI GENERALE:

GROSIME LEMN: (mm)	48
INTERAX FERME: (mm)	895
ZONA CLIMATICA:	2
CLASA DE SIGURANTA:	2

INCARCARI (kN/m²):

INCARCARE ZAPADA (VALOAREA DE BAZA):	2.00
INCARCARE VANT (VALOAREA DE BAZA):	0.96
INCARCARE UTILA:	NR

INCARCARI PERMANENTE: VEZI TABELUL DE LEMN
ALTE INCARCARI: VEZI NOTE DE CALCUL

REACTIUNI REAZEM (kN/kNm) (ULTIME):

NR	DIR.	PERM. MAX	MED. MAX	SCURT MAX	INST. MAX	INST. SUP-W. MIN	MM
3	Oriz	-2.35	0.00	-6.90	-7.94	-0.16	
4	Oriz	2.35	0.00	6.90	8.95	-1.99	
4	Vert	3.49	0.00	8.92	10.58	-0.50	22
5	Vert	0.66	0.00	4.27	4.80	-0.40	24

PREZENTUL PROIECT ESTE CALCULAT CU PLACI MULTICUI MITEK CONFORM CE 1020-CPD-070038938 SI ESTE VALABIL NUMAI IN CONDITIILE FOLOSIRII PLACILOR MULTICUI SPECIFICATE.

TOLERANTA AMPLASARE CONECTORI: 10 mm

LEMN: GROSIME 48 mm						CONECTORI - IMBINARI (NU INNADIRI):					CONECTORI - INNADIRI:				
ELEMENT CONSTR.	LATIME mm	CLASA	CTW mm	CARCARE kN/m²	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %
3-5	200	C24	400	0.60	48	1	T150	88	245	21					
3-4	135	C24	Nu	0.26	19	2	T150	73	146	39					
4-1	135	C24	Da	0.26	21	3	T150	88	124	76					
2-4	60	C24	Nu		18	4	T150	102	146	65					

DEFORMARE MAX. (mm) (EXPL. NORMALA):

NR. NOD	VERT.	ORIZ.	NR LC.
4-1	2.2	0.1	31
1-2	1.8	0.3	31
5	0.0	-0.9	31

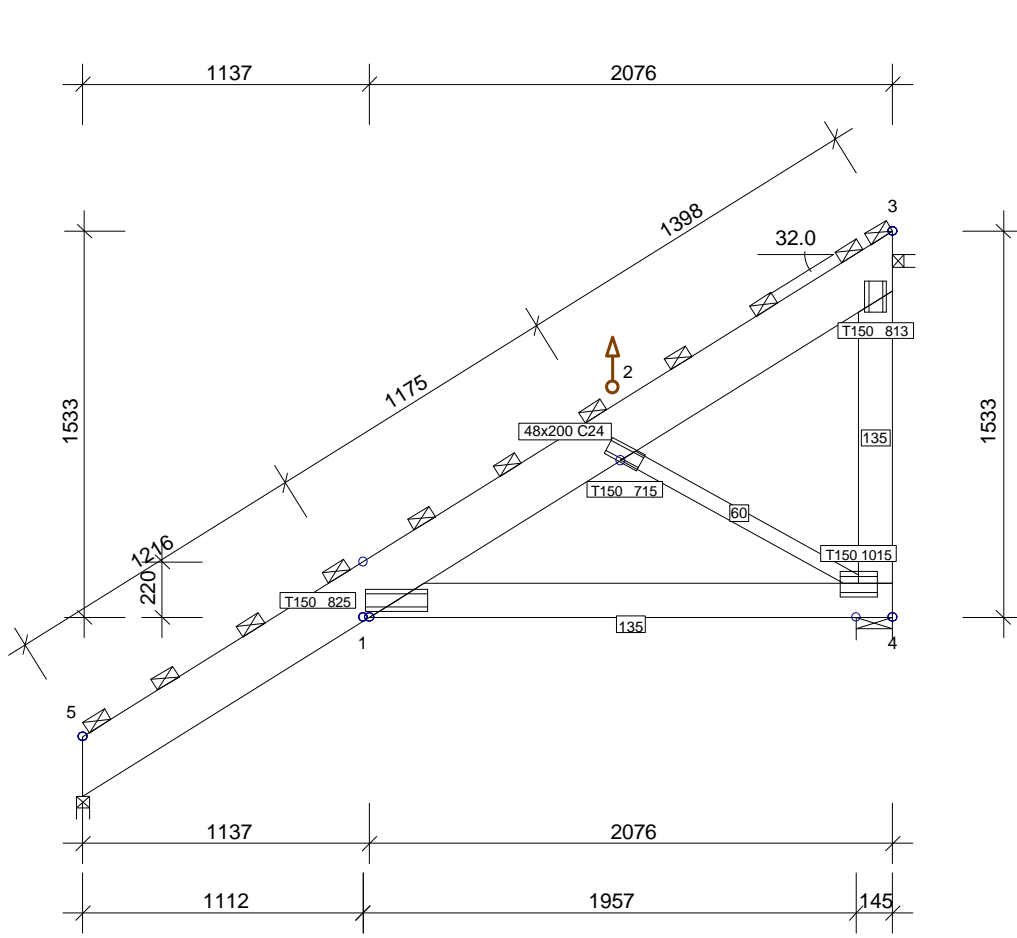
PENTRU DEFORMATII IN ALTE PUNCTE: VEZI NOTE DE CALCUL

VERSIUNEA: 2011 SR26
TIME: 11.32



DESENAT VERIFICAT PROIECT NR.
, 20110831 mansarda casa

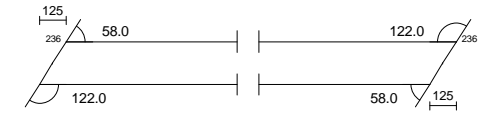
Truss M9
Costache
SCARA 1:35(A4)
TIP COD NR. NUMAR DESEN REG.
1 1



TALPA SUP.

5 - 3

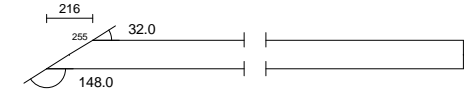
Dim./Clasa: 48 x 200 C24
 Lungimea Totala: 3914 mm
 T / C / B: 3789 / 3789 / 3789 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 4 buc.



TALP INF.

1 - 4

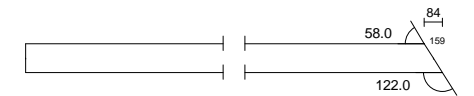
Dim./Clasa: 48 x 135 C24
 Lungimea Totala: 2076 mm
 T / C / B: 1860 / 1968 / 2076 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 4 buc.



MONTANT CAPAT

4 - 3

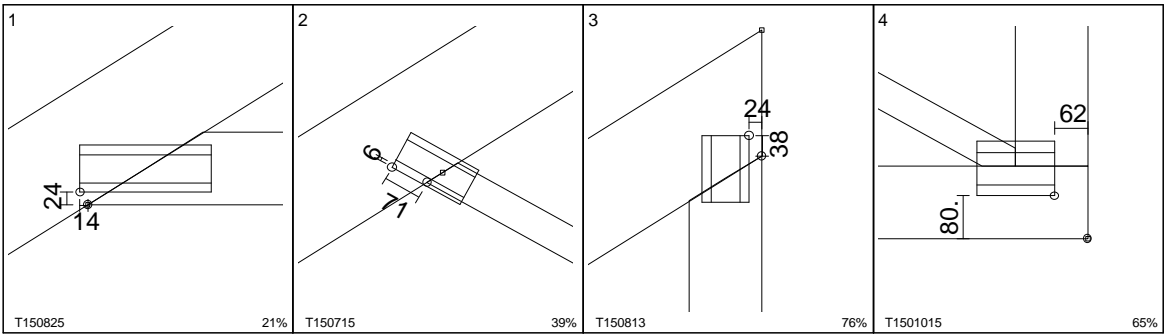
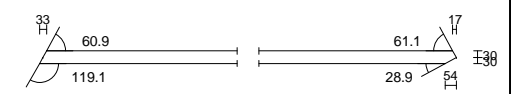
Dim./Clasa: 48 x 135 C24
 Lungimea Totala: 1162 mm
 T / C / B: 1078 / 1120 / 1162 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 4 buc.



ZABREA

2 - 4

Dim./Clasa: 48 x 60 C24
 Lungimea Totala: 1063 mm
 T / C / B: 1013 / 1046 / 1009 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 4 buc.



T150825 21% T150715 39% T150813 76% T1501015 65%

TOLERANTA AMPLASARE CONECTORI: 10 mm

20110831
 TIMP: 11.32
 VERSIUNEA: 2011 SR2b

PROIECT NR.

mansarda casa Costache

DESENAT:

DESENE PT. PRODUCTIE

Pagina 1(1)

TIP COD NR.

NUMAR DESEN

1

Truss M9

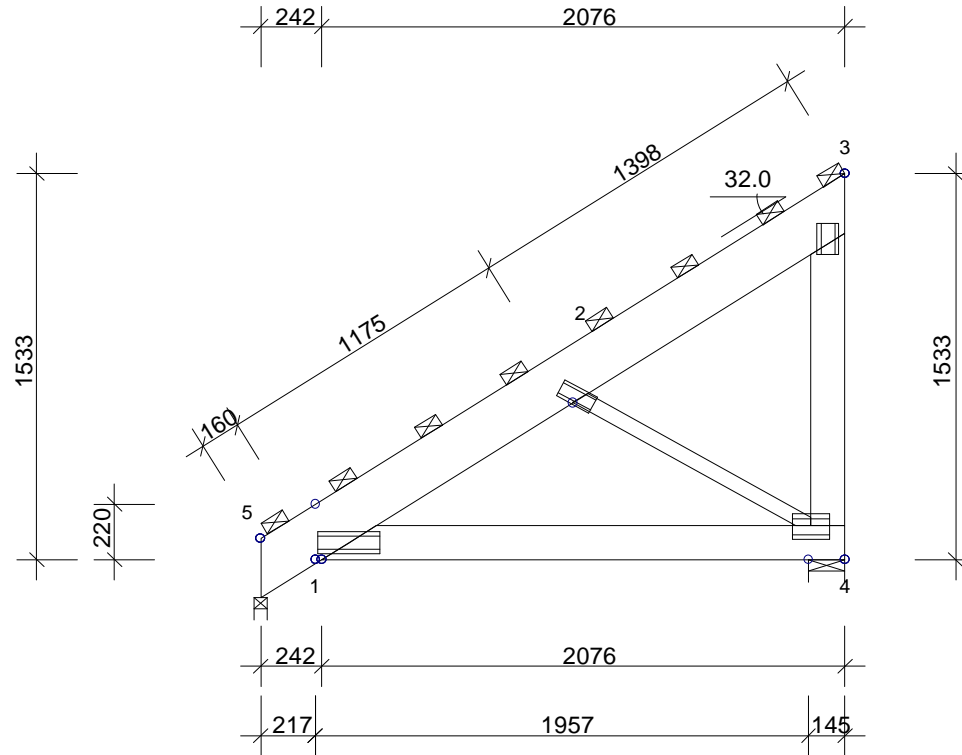
M10 - 4 buc. 1-pliu

INDICA ZABREAUA CONTRAVANTUITA
VEZI INFO. TB96-10

Greut.: 21 kg/pliu

DIRECTII GENERALE:

CONSTRUCTIE CALCULATA CU PROGRAMUL DE CALCULATOR "TRUSSCON". LIC.NO: 13002
FORTELE AU FOST CALCULATE IN CORCONDANTA CU TEORIA DEFORMATIILOR DE ORDIN 1.
COD LEMN: SR EN 1995+NA
COD CONECTORI: SR EN 1995+NA;



SETARI GENERALE:

GROSIME LEMN: (mm)	48
INTERAX FERME: (mm)	895
ZONA CLIMATICA:	2
CLASA DE SIGURANTA:	2

INCARCARI (kN/m²):

INCARCARE ZAPADA (VALOAREA DE BAZA):	2.00
INCARCARE VANT (VALOAREA DE BAZA):	0.96
INCARCARE UTILA:	NR

INCARCARI PERMANENTE: VEZI TABELUL DE LEMN
ALTE INCARCARI: VEZI NOTE DE CALCUL

REACTIUNI REAZEM (kN/kNm) (ULTIME):

NR	DIR.	PERM. MAX	MED. MAX	SCURT MAX	INST. MAX	INST. SUP-W. MIN	MM
4	Oriz	0.00	0.00	0.00	-1.55	0.00	
4	Vert	1.98	0.00	4.60	5.71	-0.58	12
5	Vert	1.35	0.00	5.97	6.69	0.04	34

PREZENTUL PROIECT ESTE CALCULAT CU PLACI MULTICUI MITEK CONFORM CE 1020-CPD-070038938 SI ESTE VALABIL NUMAI IN CONDITIILE FOLOSIRII PLACILOR MULTICUI SPECIFICATE.

TOLERANTA AMPLASARE CONECTORI: 10 mm

LEMN:						CONECTORI - IMBINARI (NU INNADIRI):					CONECTORI - INNADIRI:				
ELEMENT CONSTR.	LATIME mm	CLASA	CTW mm	CARCARE kN/m²	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %
3-5	200	C24	400	0.60	36	1	T150	88	245	37					
3-4	135	C24	Nu	0.26	7	2	T150	73	146	38					
4-1	135	C24	Da	0.26	13	3	T150	88	124	29					
2-4	60	C24	Nu		17	4	T150	102	146	60					

DEFORMARE MAX. (mm) (EXPL. NORMALA):

NR. NOD	VERT.	ORIZ.	NR LC.
4-1	1.6	0.0	41
1-2	1.1	0.2	31
5	0.0	-0.5	31

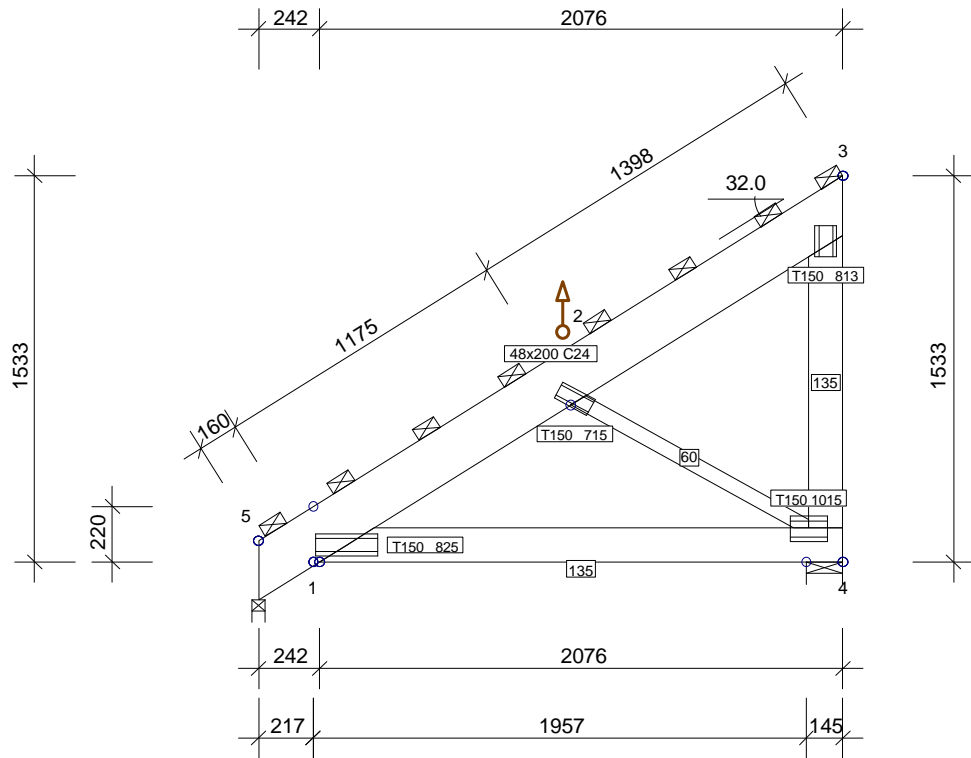
PENTRU DEFORMATII IN ALTE PUNCTE: VEZI NOTE DE CALCUL

VERSIUNEA: 2011 SR26
TIMP: 11.36

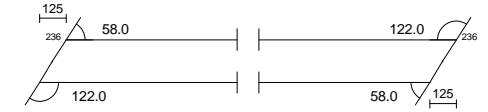


DESENAT VERIFICAT PROIECT NR.
, 20110831 mansarda casa

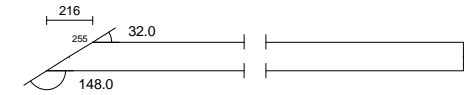
Truss M10
Costache
SCARA 1:30(A4)
TIP COD NR. NUMAR DESEN REG.
1 1



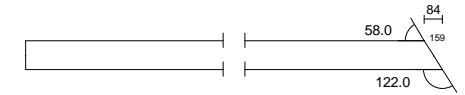
TALPA SUP.
5 - 3
Dim./Clasa: 48 x 200 C24
Lungimea Totala: 2859 mm
T / C / B: 2734 / 2734 / 2734 mm
Bucati per pliu: 1 buc.
Cant. totala: 4 buc.



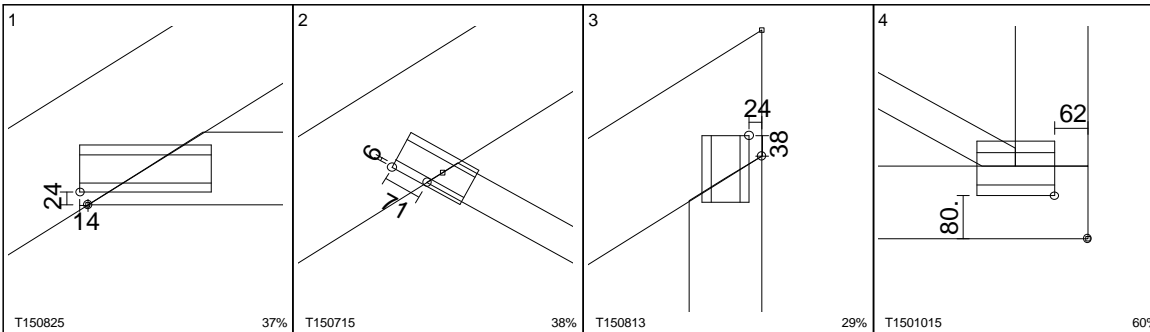
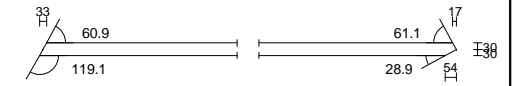
TALP INF.
1 - 4
Dim./Clasa: 48 x 135 C24
Lungimea Totala: 2076 mm
T / C / B: 1860 / 1968 / 2076 mm
Bucati per pliu: 1 buc.
Cant. totala: 4 buc.



MONTANT CAPAT
4 - 3
Dim./Clasa: 48 x 135 C24
Lungimea Totala: 1162 mm
T / C / B: 1078 / 1120 / 1162 mm
Bucati per pliu: 1 buc.
Cant. totala: 4 buc.



ZABREA
2 - 4
Dim./Clasa: 48 x 60 C24
Lungimea Totala: 1063 mm
T / C / B: 1013 / 1046 / 1009 mm
Bucati per pliu: 1 buc.
Cant. totala: 4 buc.



TOLERANTA AMPLASARE CONECTORI: 10 mm

20110831
TIMP: 11.36
VERSIUNEA: 2011 SR2b

PROIECT NR.
mansarda casa Costache

DESENAT:

DESENE PT. PRODUCTIE
Pagina 1(1)

TIP COD NR. NUMAR DESEN
1

Truss M10

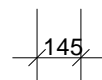
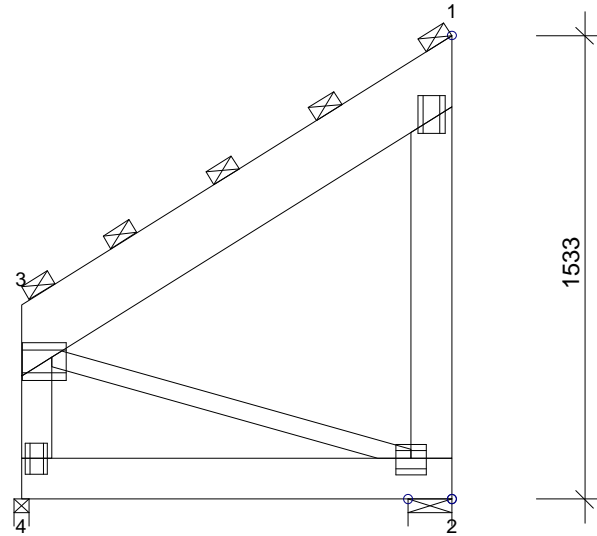
M11 - 4 buc. 1-pliu

INDICA ZABREAUĂ CONTRAVANTUITĂ
VEZI INFO. TB96-10

Greut.: 16 kg/pliu

DIRECTII GENERALE:

CONSTRUCTIE CALCULATA CU PROGRAMUL DE CALCULATOR "TRUSSCON". LIC.NO: 13002
FORTELE AU FOST CALCULATE IN CORCONDANTA CU TEORIA DEFORMATIILOR DE ORDIN 1.
COD LEMN: SR EN 1995+NA
COD CONECTORI: SR EN 1995+NA;



SETARI GENERALE:

GROSIME LEMN: (mm)	48
INTERAX FERME: (mm)	895
ZONA CLIMATICA:	2
CLASA DE SIGURANTA:	2

INCARCARI (kN/m²):

INCARCARE ZAPADA (VALOAREA DE BAZA):	2.00
INCARCARE VANT (VALOAREA DE BAZA):	0.96
INCARCARE UTILA:	NR

INCARCARI PERMANENTE: VEZI TABELUL DE LEMN
ALTE INCARCARI: VEZI NOTE DE CALCUL

REACTIUNI REAZEM (kN/kNm) (ULTIME):

NR	DIR.	PERM. MAX	MED. MAX	SCURT MAX	INST. MAX	INST. SUP-W. MIN	MM
2	Oriz	0.00	0.00	0.00	-1.44	0.00	
2	Vert	1.42	0.00	2.92	4.04	-0.63	9
4	Vert	0.88	0.00	2.22	2.43	0.43	17

PREZENTUL PROIECT ESTE CALCULAT CU PLACI MULTICUI MITEK CONFORM CE 1020-CPD-070038938 SI ESTE VALABIL NUMAI IN CONDITIILE FOLOSIRII PLACILOR MULTICUI SPECIFICATE.

TOLERANTA AMPLASARE CONECTORI: 10 mm

LEMN: GROSIME 48 mm					
ELEMENT CONSTR.	LATIME mm	CLASA	CTW mm	CARCARE kN/m²	CSI %
1-2	135	C24	Nu	0.26	6
3-1	200	C24	400	0.60	21
2-4	135	C24	Da	0.26	7
3-4	100	C24	Nu		10
2-3	60	C24	Nu		7

CONECTORI - IMBINARI (NU INNADIRI):					
NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %	
1	T150	88	124	66	
2	T150	102	102	49	
3	T150	124	146	36	
4	T150	73	102	23	

CONECTORI - INNADIRI:					
NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %	

DEFORMARE MAX. (mm) (EXPL. NORMALA):

NR. NOD	VERT.	ORIZ.	NR LC.
3-1	1.4	1.0	19
2-4	0.5	0.0	29
1-2	0.5	0.5	27

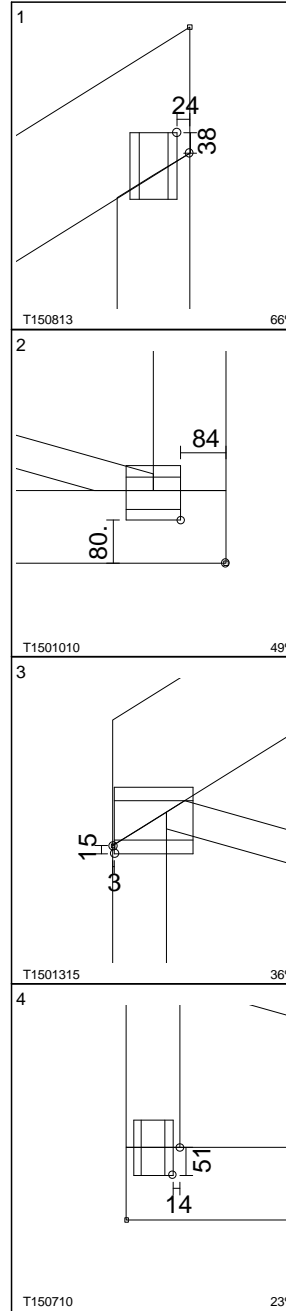
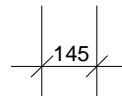
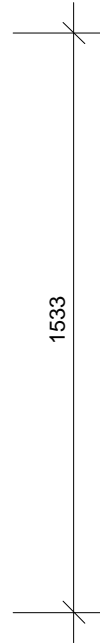
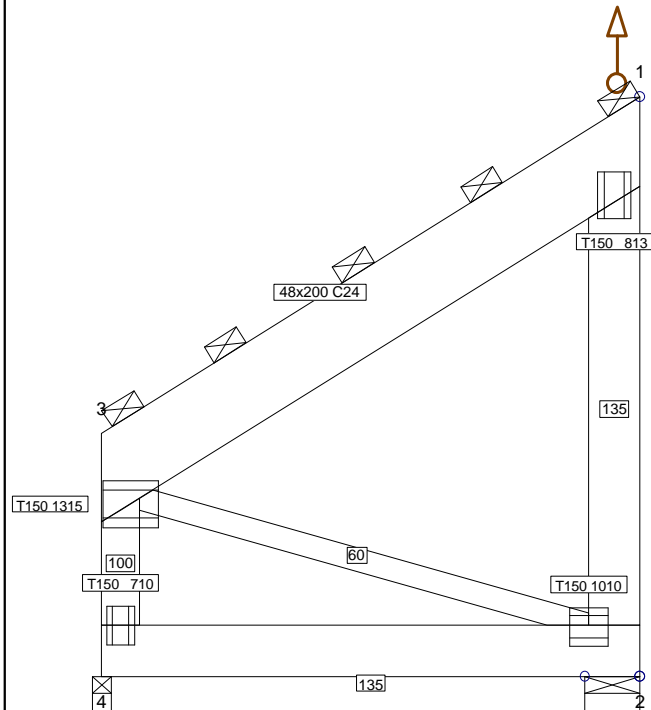
PENTRU DEFORMATII IN ALTE PUNCTE: VEZI NOTE DE CALCUL

VERSIUNEA: 2011 SR26
TIME: 11.37



DESENAT	VERIFICAT	PROIECT NR.
		mansarda casa
20110831		

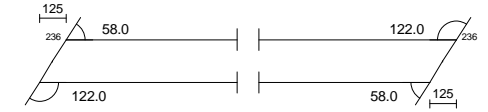
Truss M11	SCARA 1:25(A4)
TIP COD NR.	NUMAR DESEN
	1
	REG.



TALPA SUP.

3 - 1

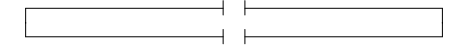
Dim./Clasa: 48 x 200 C24
Lungimea Totala: 1803 mm
T / C / B: 1678 / 1678 / 1678 mm
Bucati per pliu: 1 buc.
Cant. totala: 4 buc.



TALP INF.

4 - 2

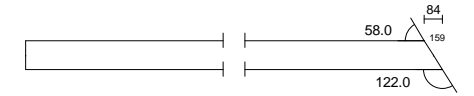
Dim./Clasa: 48 x 135 C24
Lungimea Totala: 1423 mm
T / C / B: 1423 / 1423 / 1423 mm
Bucati per pliu: 1 buc.
Cant. totala: 4 buc.



MONTANT CAPAT

2 - 1

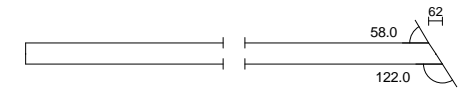
Dim./Clasa: 48 x 135 C24
Lungimea Totala: 1162 mm
T / C / B: 1078 / 1120 / 1162 mm
Bucati per pliu: 1 buc.
Cant. totala: 4 buc.



MONTANT CAPAT

4 - 3

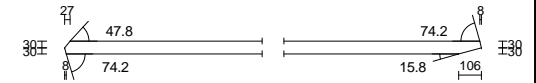
Dim./Clasa: 48 x 100 C24
Lungimea Totala: 336 mm
T / C / B: 273 / 304 / 336 mm
Bucati per pliu: 1 buc.
Cant. totala: 4 buc.



ZABREA

3 - 2

Dim./Clasa: 48 x 60 C24
Lungimea Totala: 1235 mm
T / C / B: 1199 / 1235 / 1120 mm
Bucati per pliu: 1 buc.
Cant. totala: 4 buc.



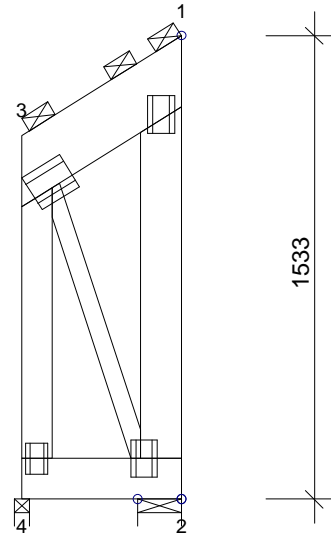
M12 - 4 buc. 1-pliu

INDICA ZABREAUA CONTRAVANTUITA
VEZI INFO. TB96-10

Greut.: 10 kg/pliu

DIRECTII GENERALE:

CONSTRUCTIE CALCULATA CU PROGRAMUL DE CALCULATOR "TRUSSCON". LIC.NO: 13002
FORTELE AU FOST CALCULATE IN CORCONDANTA CU TEORIA DEFORMATIILOR DE ORDIN 1.
COD LEMN: SR EN 1995+NA
COD CONECTORI: SR EN 1995+NA;



SETARI GENERALE:

GROSIME LEMN: (mm)	48
INTERAX FERME: (mm)	895
ZONA CLIMATICA:	2
CLASA DE SIGURANTA:	2

INCARCARI (kN/m²):

INCARCARE ZAPADA (VALOAREA DE BAZA):	2.00
INCARCARE VANT (VALOAREA DE BAZA):	0.96
INCARCARE UTILA:	NR

INCARCARI PERMANENTE: VEZI TABELUL DE LEMN
ALTE INCARCARI: VEZI NOTE DE CALCUL

REACTIUNI REAZEM (kN/kNm) (ULTIME):

NR	DIR.	PERM. MAX	MED. MAX	SCURT MAX	INST. MAX	INST. MIN	SUP-W. MM
2	Oriz	0.00	0.00	0.00	-1.43	0.00	
2	Vert	0.86	0.00	1.48	3.63	-1.89	8
4	Vert	0.31	0.00	0.75	2.04	-1.17	13

PREZENTUL PROIECT ESTE CALCULAT CU PLACI MULTICUI MITEK CONFORM CE 1020-CPD-070038938 SI ESTE VALABIL NUMAI IN CONDITIILE FOLOSIRII PLACILOR MULTICUI SPECIFICATE.

TOLERANTA AMPLASARE CONECTORI: 10 mm

LEMN: GROSIME 48 mm					
ELEMENT CONSTR.	LATIME mm	CLASA	CTW mm	CARCARE kN/m²	CSI %
1-2	135	C24	Nu	0.26	3
3-1	200	C24	400	0.60	8
2-4	135	C24	Da	0.26	4
3-4	100	C24	Nu		10
2-3	60	C24	Nu		8

CONECTORI - IMBINARI (NU INNADIRI):					
NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %	
1	T150	88	124	24	
2	T150	88	124	73	
3	T150	124	146	94	
4	T150	73	102	36	

CONECTORI - INNADIRI:					
NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %	

DEFORMARE MAX. (mm) (EXPL. NORMALA):

NR. NOD	VERT.	ORIZ.	NR LC.
1	0.3	2.6	27
3	0.3	-2.8	35
4	0.0	0.1	27

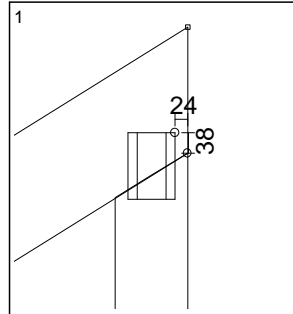
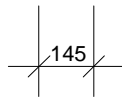
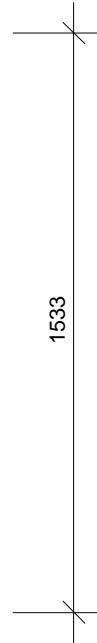
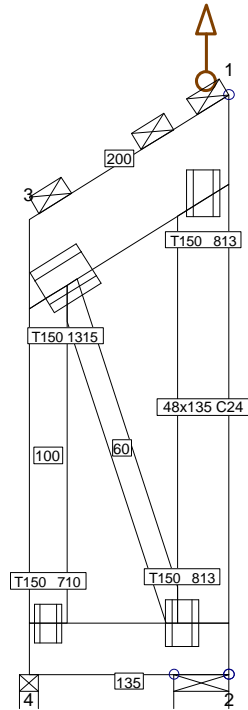
PENTRU DEFORMATII IN ALTE PUNCTE: VEZI NOTE DE CALCUL

VERSIUNEA: 2011 SR26
TIME: 11.42



DESENAT VERIFICAT PROIECT NR.
, 20110831 mansarda casa

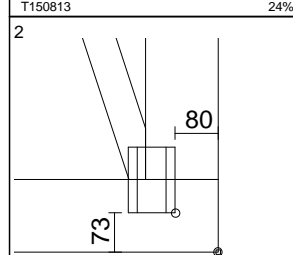
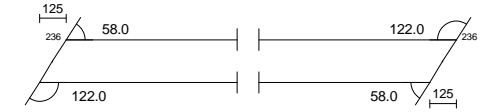
Truss M12
Costache
SCARA 1:25(A4)
TIP COD NR. NUMAR DESEN REG.
1 1



TALPA SUP.

3 - 1

Dim./Clasa: 48 x 200 C24
 Lungimea Totala: 748 mm
 T / C / B: 623 / 623 / 623 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 4 buc.



TALP INF.

4 - 2

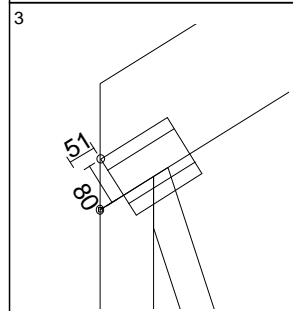
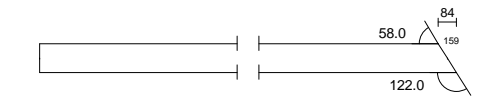
Dim./Clasa: 48 x 135 C24
 Lungimea Totala: 528 mm
 T / C / B: 528 / 528 / 528 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 4 buc.



MONTANT CAPAT

2 - 1

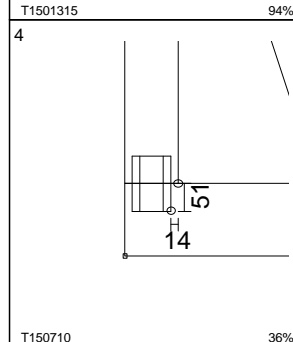
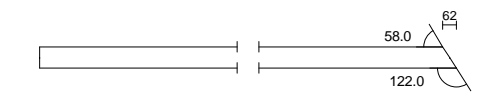
Dim./Clasa: 48 x 135 C24
 Lungimea Totala: 1162 mm
 T / C / B: 1078 / 1120 / 1162 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 4 buc.



MONTANT CAPAT

4 - 3

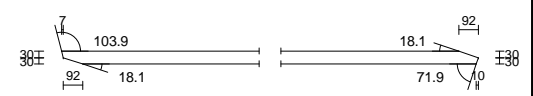
Dim./Clasa: 48 x 100 C24
 Lungimea Totala: 895 mm
 T / C / B: 832 / 864 / 895 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 4 buc.



ZABREA

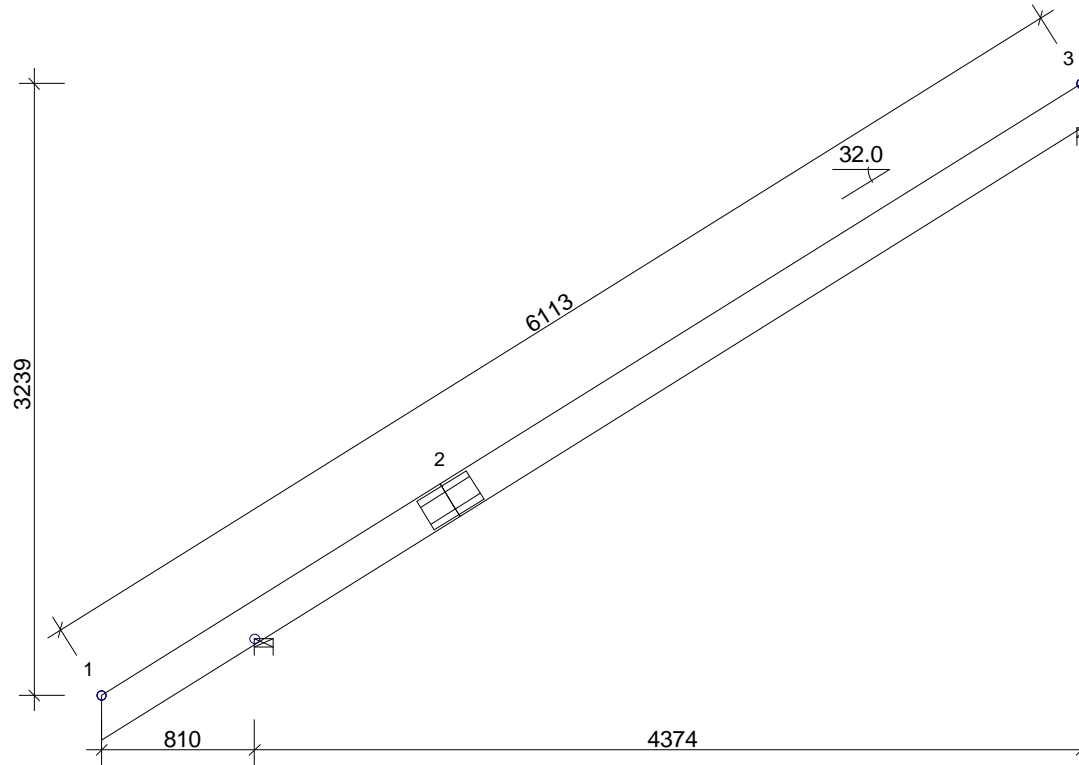
3 - 2

Dim./Clasa: 48 x 60 C24
 Lungimea Totala: 949 mm
 T / C / B: 857 / 942 / 840 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 4 buc.



DIRECTII GENERALE:

CONSTRUCTIE CALCULATA CU PROGRAMUL DE CALCULATOR "TRUSSCON". LIC.NO: 13002
FORTELE AU FOST CALCULATE IN CORCONDANTA CU TEORIA DEFORMATIILOR DE ORDIN 1.
COD LEMN: SR EN 1995+NA
COD CONECTORI: SR EN 1995+NA;

**SETARI GENERALE:**

GROSIME LEMN: (mm)	48
INTERAX FERME: (mm)	450
ZONA CLIMATICA:	2
CLASA DE SIGURANTA:	2

INCARCARI (kN/m²):

INCARCARE ZAPADA (VALOAREA DE BAZA):	2.00
INCARCARE VANT (VALOAREA DE BAZA):	0.96
INCARCARE UTILA:	NR

INCARCARI PERMANENTE: VEZI TABELUL DE LEMN
ALTE INCARCARI: VEZI NOTE DE CALCUL

REACTIUNI REAZEM (kN/kNm) (ULTIME):

NR	DIR.	PERM. MAX	MED. MAX	SCURT MAX	INST. MAX	INST. MIN	SUP-W. MM
1	Vert	1.53	1.53	6.14	5.11	-1.02	35
3	Oriz	0.00	0.00	0.00	-1.84	0.00	
3	Vert	1.02	1.02	3.12	3.28	-0.03	18

PREZENTUL PROIECT ESTE CALCULAT CU PLACI MULTICUI MITEK CONFORM CE 1020-CPD-070038938 SI ESTE VALABIL NUMAI IN CONDITIILE FOLOSIRII PLACILOR MULTICUI SPECIFICATE.

TOLERANTA AMPLASARE CONECTORI: 10 mm

LEMN:						CONECTORI - IMBINARI (NU INNADIRI):					CONECTORI - INNADIRI:				
ELEMENT CONSTR.	LATIME mm	CLASA	CTW mm	CARCARE kN/m²	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %
1-3	200	C24	400	0.60	55						2	T150	176	308	51

DEFORMARE MAX. (mm) (EXPL. NORMALA):

NR. NOD	VERT.	ORIZ.	NR LC.
2-3	22.5	14.0	19
1	-13.2	-8.2	27

PENTRU DEFORMATII IN ALTE PUNCTE: VEZI NOTE DE CALCUL

VERSIUNEA: 2011 SR26
TIME: 11.50



DESENAT VERIFICAT PROIECT NR.
mansarda casa

Truss U1
Costache

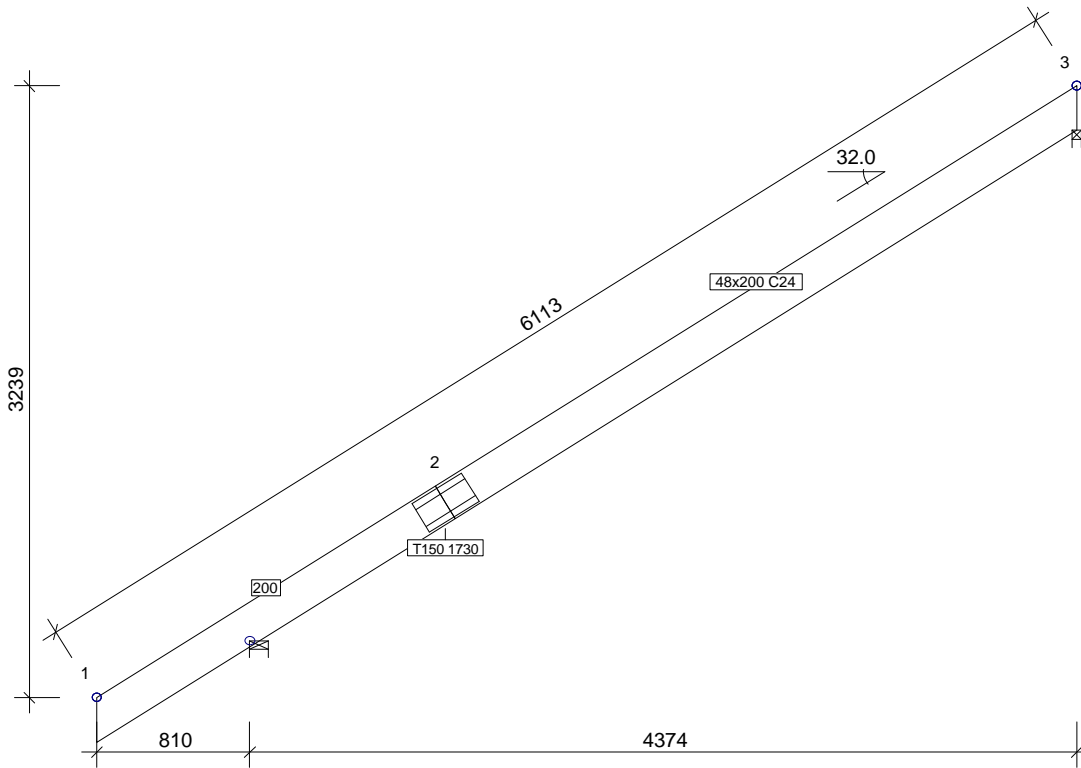
SCARA 1:40(A4)

, 20110831

TIP COD NR.

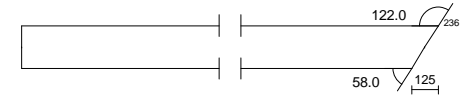
NUMAR DESEN
1

REG.



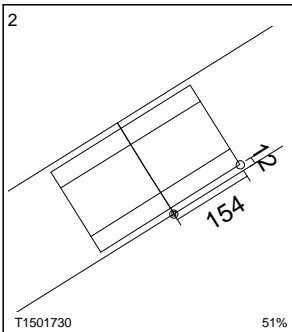
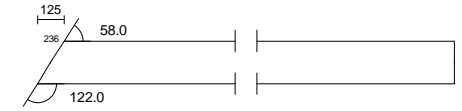
TALPA SUP.
2 - 3

Dim./Clasa: 48 x 200 C24
Lungimea Totala: 4000 mm
T / C / B: 4000 / 3938 / 3875 mm
Bucati per pliu: 1 buc.
Cant. totala: 4 buc. (4dr)



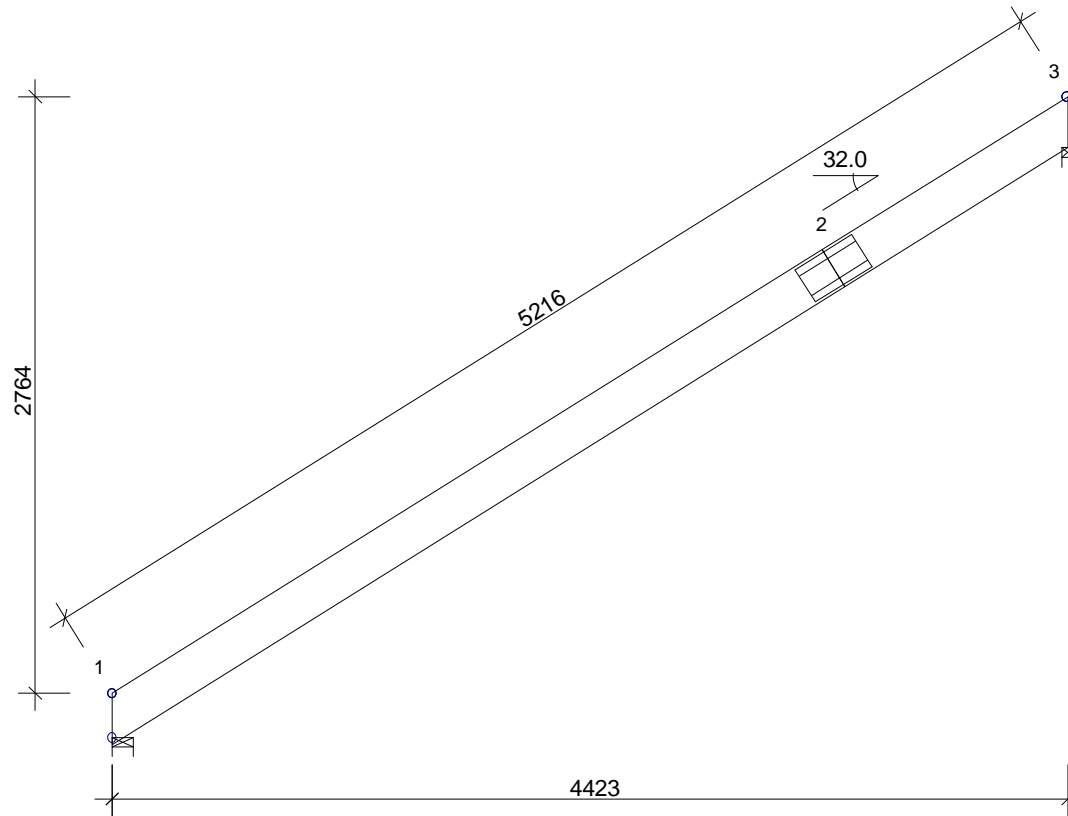
TALPA SUP.
1 - 2

Dim./Clasa: 48 x 200 C24
Lungimea Totala: 2238 mm
T / C / B: 2113 / 2175 / 2238 mm
Bucati per pliu: 1 buc.
Cant. totala: 4 buc. (4stg)



DIRECTII GENERALE:

CONSTRUCTIE CALCULATA CU PROGRAMUL DE CALCULATOR "TRUSSCON". LIC.NO: 13002
FORTELE AU FOST CALCULATE IN CORCONDANTA CU TEORIA DEFORMATIILOR DE ORDIN 1.
COD LEMN: SR EN 1995+NA
COD CONECTORI: SR EN 1995+NA;

**SETARI GENERALE:**

GROSIME LEMN: (mm)	48
INTERAX FERME: (mm)	600
ZONA CLIMATICA:	2
CLASA DE SIGURANTA:	2

INCARCARI (kN/m²):

INCARCARE ZAPADA (VALOAREA DE BAZA):	2.00
INCARCARE VANT (VALOAREA DE BAZA):	0.96
INCARCARE UTILA:	NR

INCARCARI PERMANENTE: VEZI TABELUL DE LEMN
ALTE INCARCARI: VEZI NOTE DE CALCUL

REACTIUNI REAZEM (kN/kNm) (ULTIME):

NR	DIR.	PERM. MAX	MED. MAX	SCURT MAX	INST. MAX	INST. MIN	SUP-W. MM
1	Vert	1.42	1.42	6.08	5.48	-1.64	35
3	Oriz	0.00	0.00	0.00	-2.39	0.00	
3	Vert	1.39	1.39	4.35	4.25	-0.10	25

PREZENTUL PROIECT ESTE CALCULAT CU PLACI MULTICUI MITEK CONFORM CE 1020-CPD-070038938 SI ESTE VALABIL NUMAI IN CONDITIILE FOLOSIRII PLACILOR MULTICUI SPECIFICATE.

TOLERANTA AMPLASARE CONECTORI: 10 mm

LEMN:						CONECTORI - IMBINARI (NU INNADIRI):					CONECTORI - INNADIRI:				
ELEMENT CONSTR.	LATIME mm	CLASA	CTW mm	CARCARE kN/m²	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %
1-3	200	C24	400	0.60	82						2	T150	176	308	90

DEFORMARE MAX. (mm) (EXPL. NORMALA):

NR. NOD	VERT.	ORIZ.	NR LC.
1-2	34.7	21.6	20
2-3	22.1	13.8	20

PENTRU DEFORMATII IN ALTE PUNCTE: VEZI NOTE DE CALCUL

DESENAT

VERIFICAT

PROIECT NR.

, 20110831

mansarda casa

Truss U2

Costache

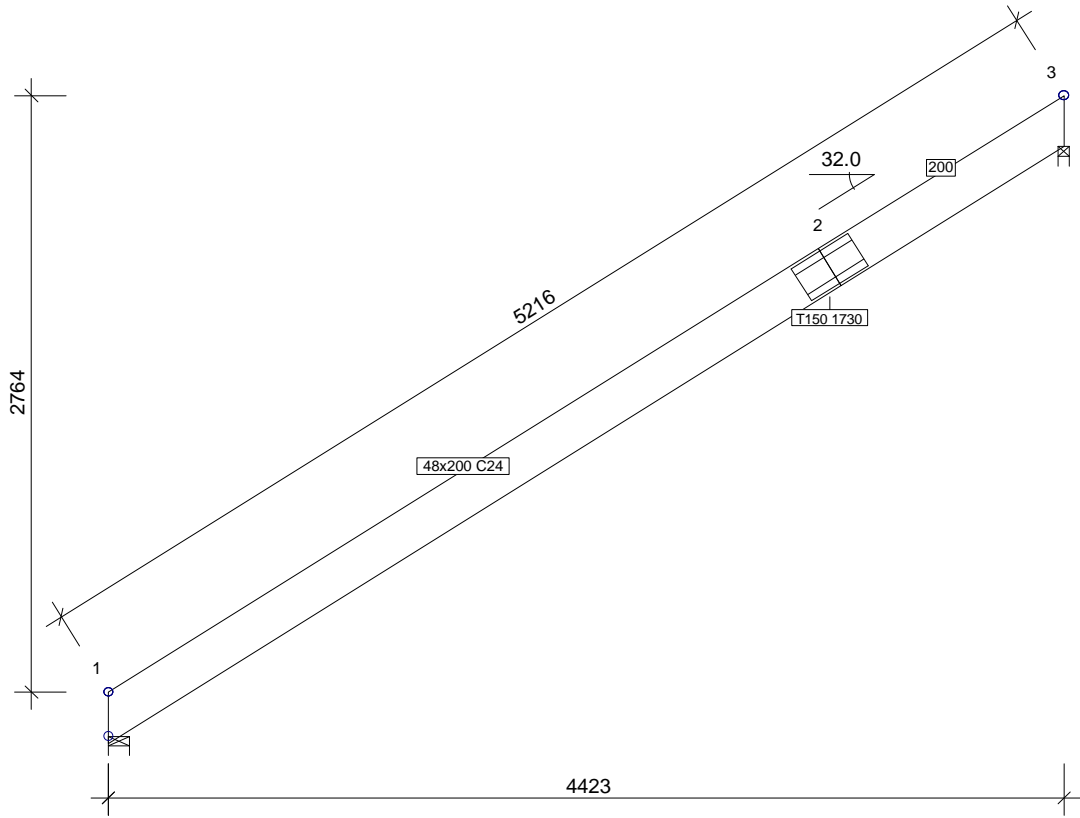
SCARA 1:35(A4)

TIP COD NR.

NUMAR DESEN

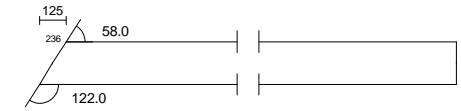
REG.

1



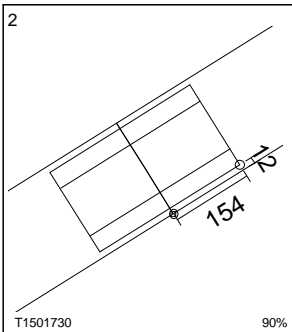
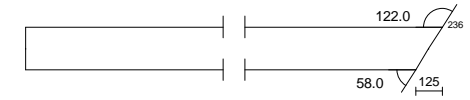
TALPA SUP.
1 - 2

Dim./Clasa: 48 x 200 C24
Lungimea Totala: 4000 mm
T / C / B: 3875 / 3938 / 4000 mm
Bucati per pliu: 1 buc.
Cant. totala: 4 buc. (4stg)



TALPA SUP.
2 - 3

Dim./Clasa: 48 x 200 C24
Lungimea Totala: 1341 mm
T / C / B: 1341 / 1278 / 1216 mm
Bucati per pliu: 1 buc.
Cant. totala: 4 buc. (4dr)



TOLERANTA AMPLASARE CONECTORI: 10 mm

20110831
TIMP: 11.48
VERSIUNEA: 2011 SR2b

PROIECT NR.

mansarda casa Costache

DESENAT:

DESENE PT. PRODUCTIE

Pagina 1(1)

TIP COD NR.

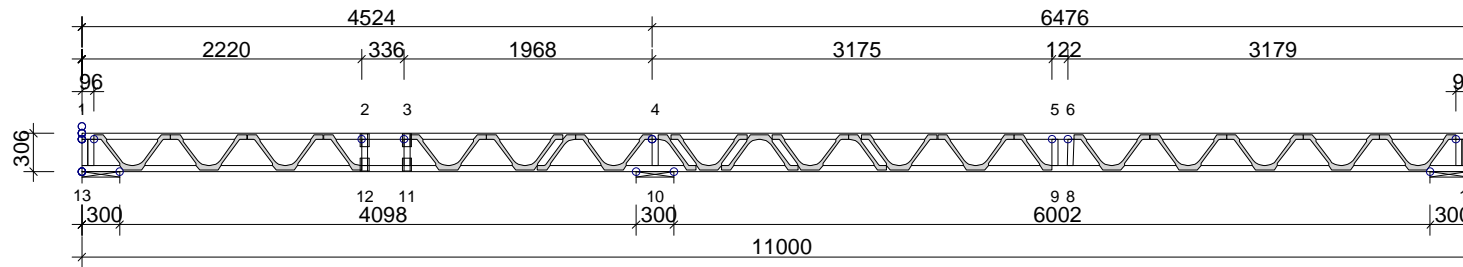
NUMAR DESEN

1

Truss U2

DIRECTII GENERALE:

CONSTRUCTIE CALCULATA CU PROGRAMUL DE CALCULATOR "TRUSSCON". LIC.NO: 13002
FORTELE AU FOST CALCULATE IN CORCONDANTA CU TEORIA DEFORMATIILOR DE ORDIN 1.
COD LEMN: SR EN 1995+NA
COD CONECTORI: SR EN 1995+NA;

**SETARI GENERALE:**

GROSIME LEMN: (mm)	160
INTERAX FERME: (mm)	417
ZONA CLIMATICA:	1
CLASA DE SIGURANTA:	2

INCARCARI (kN/m²):

INCARCARE ZAPADA (VALOAREA DE BAZA):	0.00
INCARCARE VANT (VALOAREA DE BAZA):	0.00
INCARCARE UTILA:	NR
	1 1.50

INCARCARI PERMANENTE: VEZI TABELUL DE LEMN
ALTE INCARCARI: VEZI NOTE DE CALCUL

REACTIUNI REAZEM (kN/kNm) (ULTIME):

NR	DIR.	PERM. MAX	MED. MAX	SCURT MAX	INST. MAX	INST. MIN	SUP-W. MM
10	Vert	3.15	7.42	0.00	7.42	2.33	9
13	Vert	0.83	1.93	0.00	1.93	0.62	3
14	Vert	1.39	3.25	0.00	3.25	1.03	4

PREZENTUL PROIECT ESTE CALCULAT CU PLACI MULTICUI MITEK CONFORM CE 1020-CPD-070038938 SI ESTE VALABIL NUMAI IN CONDITIILE FOLOSIRII PLACILOR MULTICUI SPECIFICATE.

TOLERANTA AMPLASARE CONECTORI: 10 mm

LEMN: GROSIME 160 mm						CONECTORI - IMBINARI (NU INNADIRI):					CONECTORI - INNADIRI:				
ELEMENT CONSTR.	LATIME mm	CLASA	CTW	CARCARE kN/m²	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %
1-7	48	C24	Da	0.44	83	2	T150	73	102	0					
13-14	48	C24	Da	0.26	40	3	T150	73	102	0					
13-1	48	C24	Nu	0.10	2	12	T150	73	102	0					
7-14	48	C24	Nu	0.10	3	11	T150	73	102	0					
4-10	48	C24	Nu		8										
2-12	48	C24	Nu		1										
3-11	48	C24	Nu		1										
5-9	48	C24	Nu		0										
6-8	48	C24	Nu		1										
13-1	48	C24	Nu	0.10											
7-14	48	C24	Nu	0.10											

DEFORMARE MAX. (mm) (EXPL. NORMALA):

NR. NOD	VERT.	ORIZ.	NR LC.
6	7.8	0.1	21
8	7.8	0.1	21
14	-0.5	0.5	21

PENTRU DEFORMATII IN ALTE PUNCTE: VEZI NOTE DE CALCUL

VERSIUNEA: 2011 SR26
TIME: 16.02



DESENAT VERIFICAT PROIECT NR.
mansarda casa

Truss EJ1
Costache

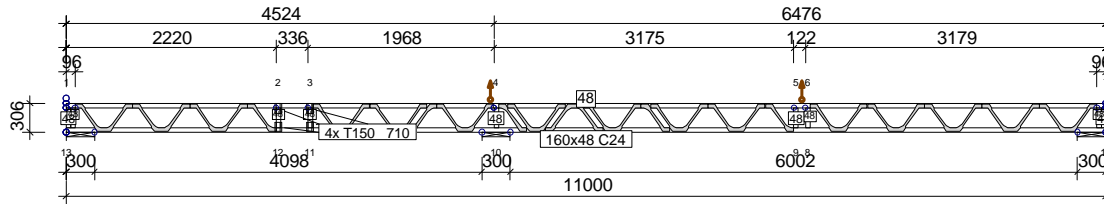
SCARA 1:60(A4)

, 20111005

TIP COD NR.

NUMAR DESEN
1

REG.



TALPA SUP.

1 - 7 Dim./Clasa: 48 x 160 C24
 Lungimea Totala: 11000 mm
 T / C / B: 11000 / 11000 / 11000 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 21 buc.



TALP INF.

13 - 14 Dim./Clasa: 48 x 160 C24
 Lungimea Totala: 11000 mm
 T / C / B: 11000 / 11000 / 11000 mm
 Bucati per pliu: 1 buc.
 Cant. totala: 21 buc.



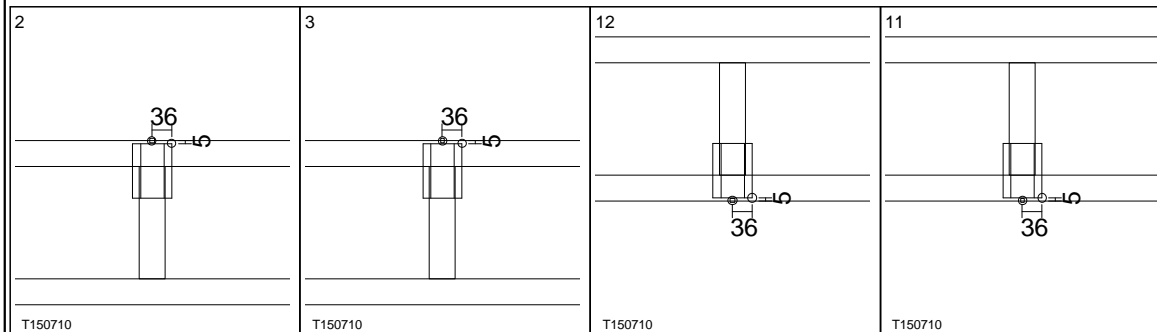
MONTANT CAPAT

13 - 1 Dim./Clasa: 48 x 160 C24
 Lungimea Totala: 210 mm
 14 - 7 T / C / B: 210 / 210 / 210 mm
 1 - 13 Bucati per pliu: 4 buc.
 14 - 7 Cant. totala: 84 buc. (42stg,42dr)



ZABREA

10 - 4 Dim./Clasa: 48 x 160 C24
 Lungimea Totala: 210 mm
 12 - 2 T / C / B: 210 / 210 / 210 mm
 11 - 3 Bucati per pliu: 5 buc.
 9 - 5 Cant. totala: 105 buc. (63stg,42dr)
 8 - 6



TOLERANTA AMPLASARE CONECTORI: 10 mm

20111005
 Timp: 16.02
 VERSIUNEA: 2011 SR2b

PROIECT NR.
 mansarda casa Costache

DESENAT:

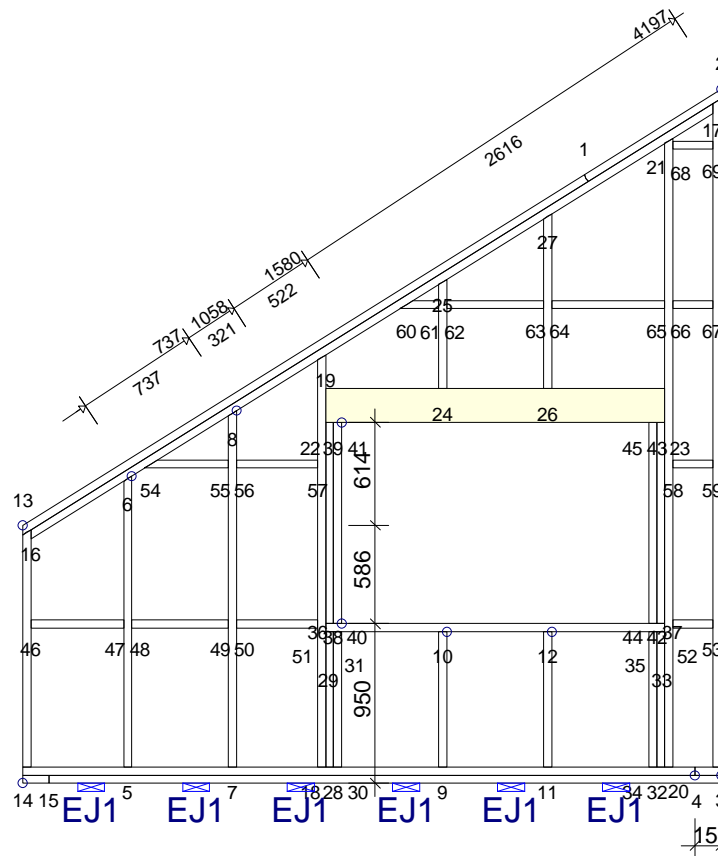
DESENE PT. PRODUCTIE
 Pagina 1(1)

TIP COD NR. NUMAR DESEN
 1

Truss EJ1

DIRECTII GENERALE:

CONSTRUCTIE CALCULATA CU PROGRAMUL DE CALCULATOR "TRUSSCON". LIC.NO: 13002
FORTELE AU FOST CALCULATE IN CORCONDANTA CU TEORIA DEFORMATIILOR DE ORDIN 1.
COD LEMN: SR EN 1995+NA
COD CONECTORI: SR EN 1995+NA;

**SETARI GENERALE:**

GROSIME LEMN: (mm) 150
INTERAX FERME: (mm) 895
ZONA CLIMATICA: 2
CLASA DE SIGURANTA: 2

INCARCARI (kN/m²):

INCARCARE ZAPADA (VALOAREA DE BAZA): 2.00
INCARCARE VANT (VALOAREA DE BAZA): 0.96
INCARCARE UTILA: NR

INCARCARI PERMANENTE: VEZI TABELUL DE LEMN
ALTE INCARCARI: VEZI NOTE DE CALCUL

REACTIUNI REAZEM (kN/kNm) (ULTIME):

NR	DIR.	PERM. MAX	MED. MAX	SCURT MAX	INST. MAX	INST. MIN	SUP-W. MM

VEZI NOTELE DE CALCUL PENTRU INFORMATII CARE NU SUNT IN TABELE
PREZENTUL PROIECT ESTE CALCULAT CU PLACI MULTICUI MITEK CONFORM
CE 1020-CPD-070038938 SI ESTE VALABIL NUMAI IN CONDITIILE FOLOSIRII PLACILOR MULTICUI SPECIFICATE.

TOLERANTA AMPLASARE CONECTORI: 10 mm

LEMN:						CONECTORI - IMBINARI (NU INNADIRI):					CONECTORI - INNADIRI:				
ELEMENT CONSTR.	LATIME mm	CLASA	CTW mm	CARCARE kN/m²	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %	NOD NR	PLACA TIP	GROSIME mm	LUNGIME mm	CSI %
2-13	48	C24		0.25											
2-3	48	C24													
3-14	48	C24		0.25											
13-14	48	C24													
16-17	48	C24													
5-6	48	C24													
7-8	48	C24													
18-19	48	C24													
20-21	48	C24													
22-23	3x48x200	C24													
24-25	48	C24													
26-27	48	C24													
36-37	48	C24													
9-10	48	C24													
11-12	48	C24													
28-29	48	C24													
38-39	48	C24													
30-31	48	C24													
40-41	48	C24													
32-33	48	C24													
42-43	48	C24													
34-35	48	C24													
44-45	48	C24													
46-47	48	C24													
48-49	48	C24													

VERSIUNEA: 2011 SR 26

TIME:

DESENAT VERIFICAT PROIECT NR.
mansarda casa Costache

Truss VEg1

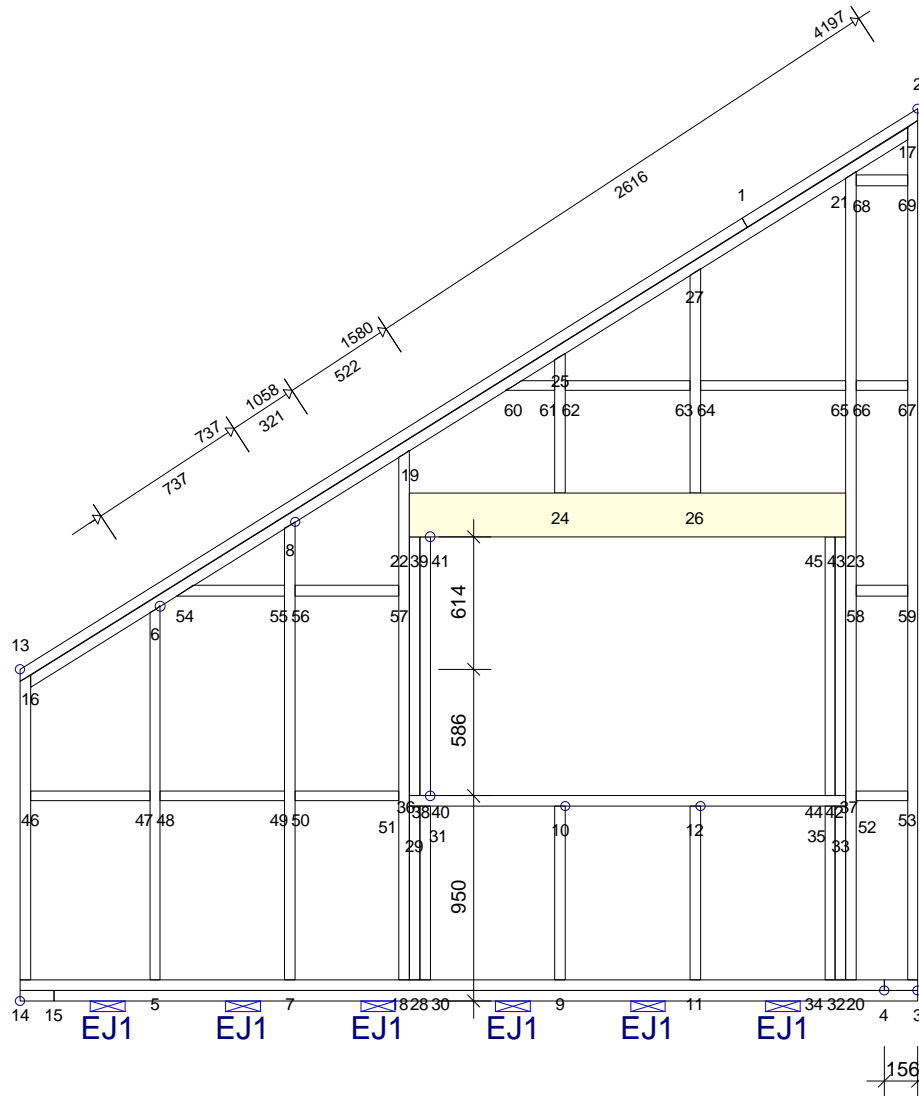
SCARA 1:45(A4)

TIP COD NR.

NUMAR DESEN

REG.

1



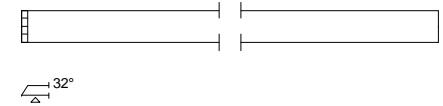
TALPA
14 - 4
3 - 15

Dim./Clasa: 48 x 150 C24
Lungimea Totala: 4000 mm
T / C / B: 4000 / 4000 / 4000 mm
Bucati per pliu: 2 buc.
Cant. totala: 8 buc.



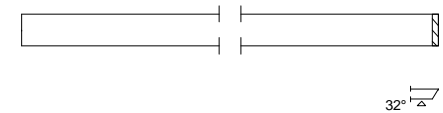
TALPA
13 - 1

Dim./Clasa: 48 x 150 C24
Lungimea Totala: 3970 mm
T / C / B: 3970 / 3970 / 3970 mm
Bucati per pliu: 1 buc.
Cant. totala: 4 buc. (4stg)



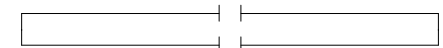
TALPA
1 - 2

Dim./Clasa: 48 x 150 C24
Lungimea Totala: 961 mm
T / C / B: 961 / 961 / 961 mm
Bucati per pliu: 1 buc.
Cant. totala: 4 buc. (4dr)



TALPA
4 - 3
15 - 14

Dim./Clasa: 48 x 150 C24
Lungimea Totala: 156 mm
T / C / B: 156 / 156 / 156 mm
Bucati per pliu: 2 buc.
Cant. totala: 8 buc. (4stg,4dr)



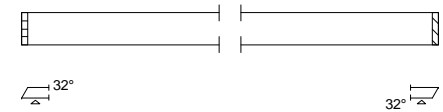
ZABREA

Dim./Clasa: 48 x 200 C24
Lungimea Totala: 2019 mm
T / C / B: 2019 / 2019 / 2019 mm
Bucati per pliu: 3 buc.
Cant. totala: 12 buc. (12dr)



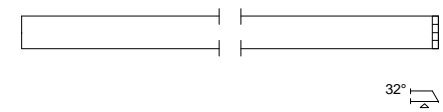
ZABREA
16 - 17

Dim./Clasa: 48 x 150 C24
Lungimea Totala: 4818 mm
T / C / B: 4818 / 4818 / 4818 mm
Bucati per pliu: 1 buc.
Cant. totala: 4 buc.



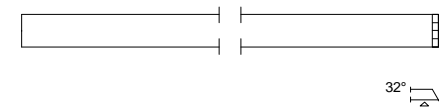
ZABREA

Dim./Clasa: 48 x 150 C24
Lungimea Totala: 3981 mm
T / C / B: 3981 / 3981 / 3981 mm
Bucati per pliu: 1 buc.
Cant. totala: 4 buc. (4dr)



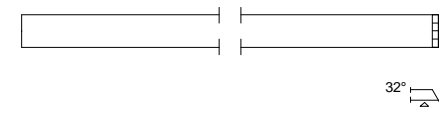
ZABREA

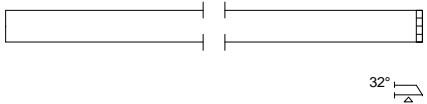
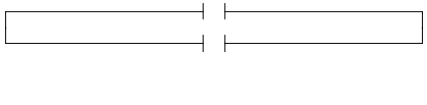
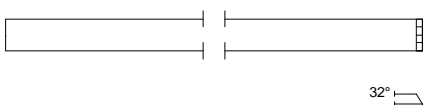
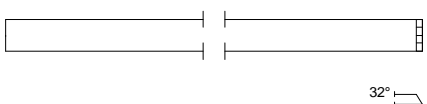
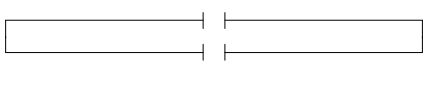
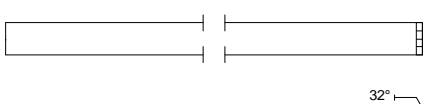
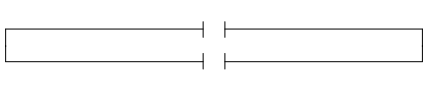
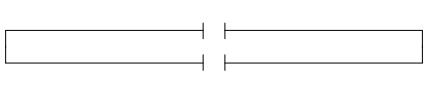
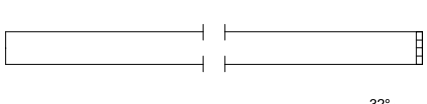
Dim./Clasa: 48 x 150 C24
Lungimea Totala: 3745 mm
T / C / B: 3745 / 3745 / 3745 mm
Bucati per pliu: 1 buc.
Cant. totala: 4 buc. (4dr)



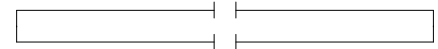
ZABREA
18 - 19

Dim./Clasa: 48 x 150 C24
Lungimea Totala: 2454 mm
T / C / B: 2454 / 2454 / 2454 mm
Bucati per pliu: 1 buc.
Cant. totala: 4 buc. (4stg)

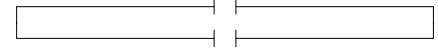


ZABREA 7 - 8	Dim./Clasa: 48 x 150 C24 Lungimea Totala: 2123 mm T / C / B: 2123 / 2123 / 2123 mm Bucati per pliu: 1 buc. Cant. totala: 4 buc. (4stg)	
ZABREA 36 - 37	Dim./Clasa: 48 x 150 C24 Lungimea Totala: 2019 mm T / C / B: 2019 / 2019 / 2019 mm Bucati per pliu: 1 buc. Cant. totala: 4 buc. (4dr)	
ZABREA 5 - 6	Dim./Clasa: 48 x 150 C24 Lungimea Totala: 1732 mm T / C / B: 1732 / 1732 / 1732 mm Bucati per pliu: 1 buc. Cant. totala: 4 buc. (4stg)	
ZABREA 14 - 13	Dim./Clasa: 48 x 150 C24 Lungimea Totala: 1414 mm T / C / B: 1414 / 1414 / 1414 mm Bucati per pliu: 1 buc. Cant. totala: 4 buc. (4stg)	
ZABREA 38 - 39 40 - 41 42 - 43 44 - 45	Dim./Clasa: 48 x 150 C24 Lungimea Totala: 1200 mm T / C / B: 1200 / 1200 / 1200 mm Bucati per pliu: 4 buc. Cant. totala: 16 buc. (8stg,8dr)	
ZABREA 26 - 27	Dim./Clasa: 48 x 150 C24 Lungimea Totala: 1041 mm T / C / B: 1041 / 1041 / 1041 mm Bucati per pliu: 1 buc. Cant. totala: 4 buc. (4dr)	
ZABREA 9 - 10 11 - 12 28 - 29 30 - 31 32 - 33 34 - 35	Dim./Clasa: 48 x 150 C24 Lungimea Totala: 806 mm T / C / B: 806 / 806 / 806 mm Bucati per pliu: 6 buc. Cant. totala: 24 buc. (8stg,16dr)	
ZABREA 64 - 65	Dim./Clasa: 48 x 150 C24 Lungimea Totala: 673 mm T / C / B: 673 / 673 / 673 mm Bucati per pliu: 1 buc. Cant. totala: 4 buc. (4dr)	
ZABREA 24 - 25	Dim./Clasa: 48 x 150 C24 Lungimea Totala: 650 mm T / C / B: 650 / 650 / 650 mm Bucati per pliu: 1 buc. Cant. totala: 4 buc. (4dr)	

ZABREA
48 - 49
62 - 63
Dim./Clasa: 48 x 150 C24
Lungimea Totala: 577 mm
T / C / B: 577 / 577 / 577 mm
Bucati per pliu: 2 buc.
Cant. totala: 8 buc. (4stg,4dr)



ZABREA
46 - 47
Dim./Clasa: 48 x 150 C24
Lungimea Totala: 553 mm
T / C / B: 553 / 553 / 553 mm
Bucati per pliu: 1 buc.
Cant. totala: 4 buc. (4stg)

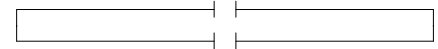


ZABREA
54 - 55
Dim./Clasa: 48 x 150 C24
Lungimea Totala: 501 mm
T / C / B: 501 / 501 / 501 mm
Bucati per pliu: 1 buc.
Cant. totala: 4 buc. (4stg)



58°

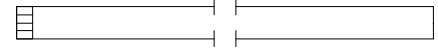
ZABREA
50 - 51
56 - 57
Dim./Clasa: 48 x 150 C24
Lungimea Totala: 481 mm
T / C / B: 481 / 481 / 481 mm
Bucati per pliu: 2 buc.
Cant. totala: 8 buc. (8stg)



ZABREA
52 - 53
58 - 59
66 - 67
68 - 69
Dim./Clasa: 48 x 150 C24
Lungimea Totala: 238 mm
T / C / B: 238 / 238 / 238 mm
Bucati per pliu: 4 buc.
Cant. totala: 16 buc. (16dr)



ZABREA
60 - 61
Dim./Clasa: 48 x 150 C24
Lungimea Totala: 231 mm
T / C / B: 231 / 231 / 231 mm
Bucati per pliu: 1 buc.
Cant. totala: 4 buc. (4dr)



58°