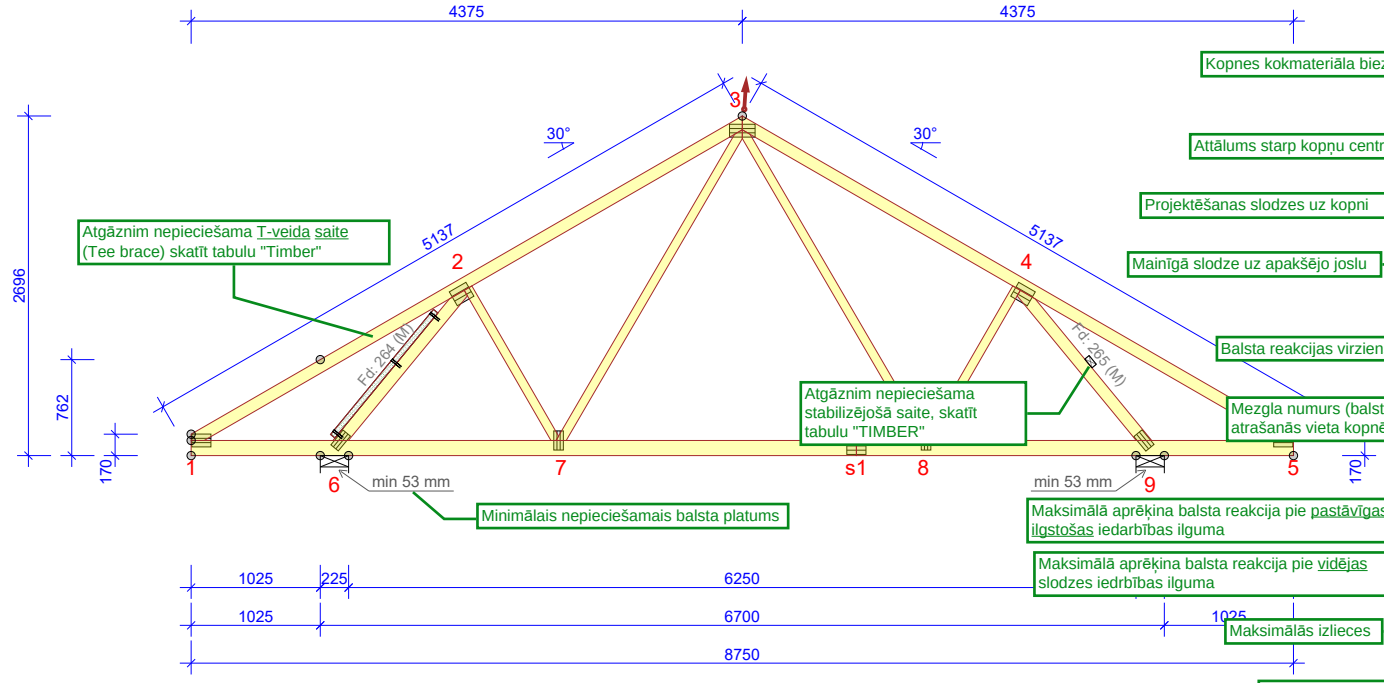
T1 - 2 no.

BRACINGS ACCORDING TO TIMBER TABLE AND STABILITY OF THE TRUSS SYSTEM SHALL BE DESIGNED SEPARATELY
☒ INDICATES BRACING



GENERAL DIRECTIONS

THE STRUCTURE HAS BEEN CALCULATED USING
COMPUTER PROGRAM "MITEK PAMIR",
MiTek Baltic (Marija) - LICENSE: 15445
DESIGN CODE: EN 1995-1-1:2004 + A2:2014 + LV NA:2010
FULL DESIGN RESULTS AS PER CALC. PRINTOUT

GENERAL SETTINGS

TIMBER THICKNESS (mm):	45
TRUSS WEIGHT (kg/ply):	68
TRUSS CENTRES (mm):	900
LOAD SHARING FACTOR:	1.1
SERVICE CLASS:	2 = 65% <= RH < 85%

BRACING: SEE TIMBER TABLE

Vienas kopnes svars
Eksploatācijas klase atbilstoši Eurocode
RH = relatīvais gaisa mitrums

LOADS (N/m²)

SNOW LOAD (Sk):	1250
WIND LOAD (qp(z)):	921
LIVE LOAD ON BOTTOM CHORD:	1000
DEAD LOAD ON ROOF:	250
DEAD LOAD ON CEILING:	500
DEAD LOAD ON CEILING EXPOSED:	300
SELF-WEIGHT ADDED	

Kopnes balsta reakciju tabula

SUPPORT REACTIONS (N) (ULTIMATE)

JOINT NO	DIR.	LC P/L MAX	LC M MAX	LC S MAX	LC I MAX	LC I MIN	S-W mm
6	HOR.	0	0	-2857	0	-	
6	VER.	4168	12501	13310	0	0	53
9	VER.					0	

Maksimālā aprēķina balsta reakcija pie acumirklīgas slodzes iedrbības ilguma
Maksimālā aprēķina balsta reakcija pie īslaicīgas slodzes iedrbības ilguma
Minimālais nepieciešamais balsta platums

MAX DEFLECTION (mm) (SERVICEABILITY)

JOINT NO	VER.	HOR.	LC NO.
s1-7	9.6	0.2	1004:6 (WFIN (FREQUENT))
s1	6.2	0.3	1004:6 (WFIN (FREQUENT))
1-2	5.3	2.9	1008:3:1 (WINST)

FOR DEFLECTIONS AT OTHER POINTS - SEE CALC. PRINTOUT

Slodzes kombinācija, pie kuras rodas šī deformācija

Kokmateriāla stiprības klase
Prasības saitēm
CSI - Combined Stress Index; elementa noslodze procentos no pieļaujamās vērtības

TIMBER

THICKNESS 45 mm

JOINT FR-TO	DEPTH mm	GRADE	BRACING mm/no.	CSI %
1-3	95	C24	350	91
3-5	95	C24	350	92
1-5	120	C24	SHEETING	75
2-6	95	C24	T(1)	46
2-7	70	C24	NONE	15
3-			NONE	15
3-			NONE	15
4-8	70	C24	NONE	15
4-9	95	C24	1	47

Elementu stabilizē pie tā nepārtraukti stiprināts apšuvums (OSB, finieris, dēļi u.c.)
Nepieciešamas nepārtrauktas saites pa visu elementa garumu ar soli c/c350mm
Papildu atsaites nav nepieciešamas

FASTENERS - SPLICES EXCL

JOINT NO	PLATE TYPE	SIZE mm	CSI %
1	M20H	102 x 152	71
2	M20H	127 x 152	81
			90
			81
			71
6	M20H	76 x 152	83
7	M20H	76 x 152	87
			91

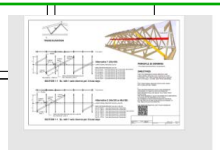
Atgāznim nepieciešama T-veida saite (Tee brace)
Atgāznim nepieciešama 1 stabilizējošā saite

FASTENER LOCATION TOLERANCE: 8 mm

FASTENERS - SPLICES

JOINT NO	PLATE TYPE	SIZE mm	CSI %
s1	M20H	102 x 152	39

Rekomendējamo saišu izvietojumu skatīt dokumentā TB96-110 ("Chevron Bracing").



Stabilitātes (chevron) saites

PDF

MiTek® Baltic

Designer	Kalnina		17/08/2026
Supervisor			
Main engineer			
Cert. no			

17/08/2026 - 10:38
2026.2b (2026671)

Customer:
Project no: 26100
Project name: Dzīvojmās ēkas jaunbūve
Mark: T1
Project address: Objekta adrese 123
Revision:
Page name:
Page no: 1/1
Scale: 1:60
Date: 17/08/2026
Page no: