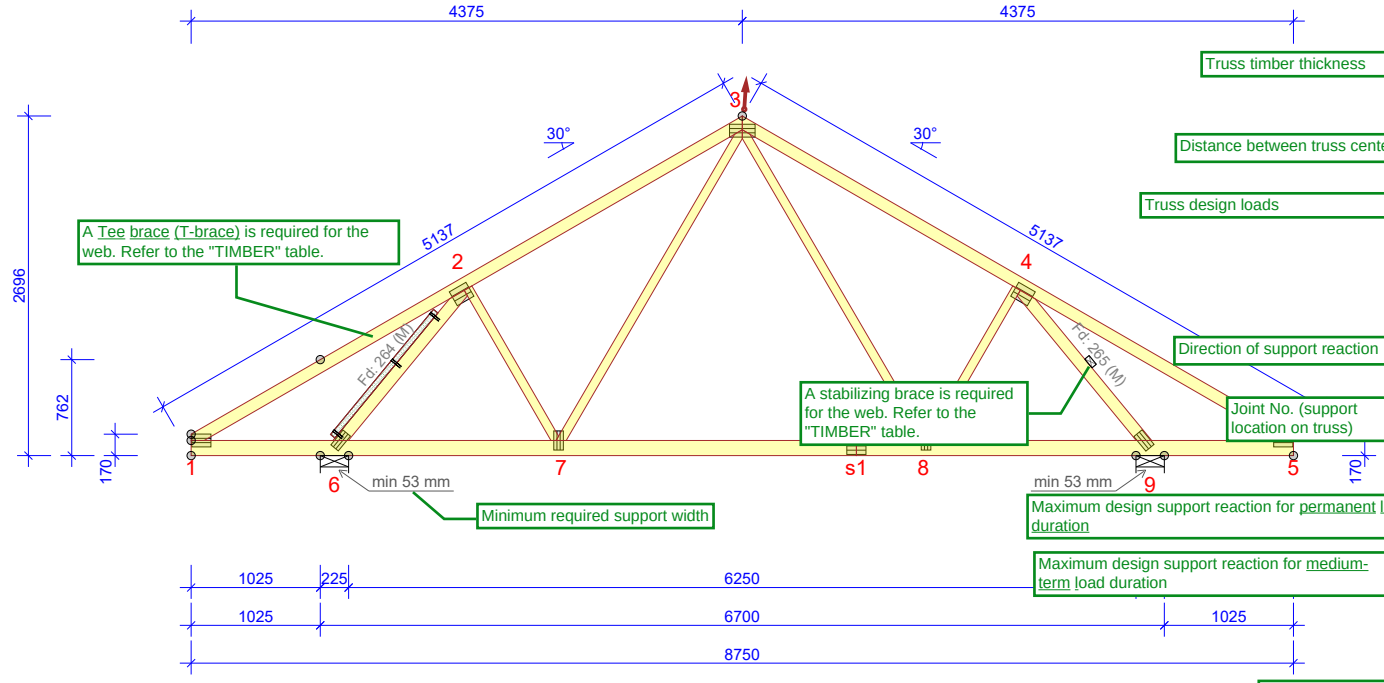
T1 - 2 no.

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



A Tee brace (T-brace) is required for the web. Refer to the "TIMBER" table.

A stabilizing brace is required for the web. Refer to the "TIMBER" table.

Minimum required support width

Truss timber thickness

Distance between truss centers

Truss design loads

Direction of support reaction

Joint No. (support location on truss)

Maximum design support reaction for permanent load duration

Maximum design support reaction for medium-term load duration

Joint number

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

Single truss weight

Service class according to Eurocode

RH = Relative Humidity

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:	
SELF-WEIGHT ADDED	

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	

Maximum design support reaction for instantaneous load duration

Maximum design support reaction for short-term load duration

Minimum required support width

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

Load combination that is resulting in this deflection

Timber strength class

Bracing requirements

CSI - Combined Stress Index; Member stress as a percentage of the allowable value

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

The member is stabilized by continuously fixed sheathing (OSB, plywood, boards, etc.).

Continuous bracing is required at 350 mm spacing (c/c 350 mm)

No additional bracing is required

One stabilizing brace is required for the web

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
			79

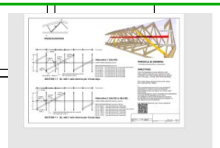
A T- brace is required for the web (Tee brace)

FASTENER LOCATION TOLERANCE: 8 mm

FASTENERS - SPLICES

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

*For recommended bracing layout, refer to document TB96-110 ("Chevron Bracing").



Stabilitātes (chevron) saites

PDF

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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: