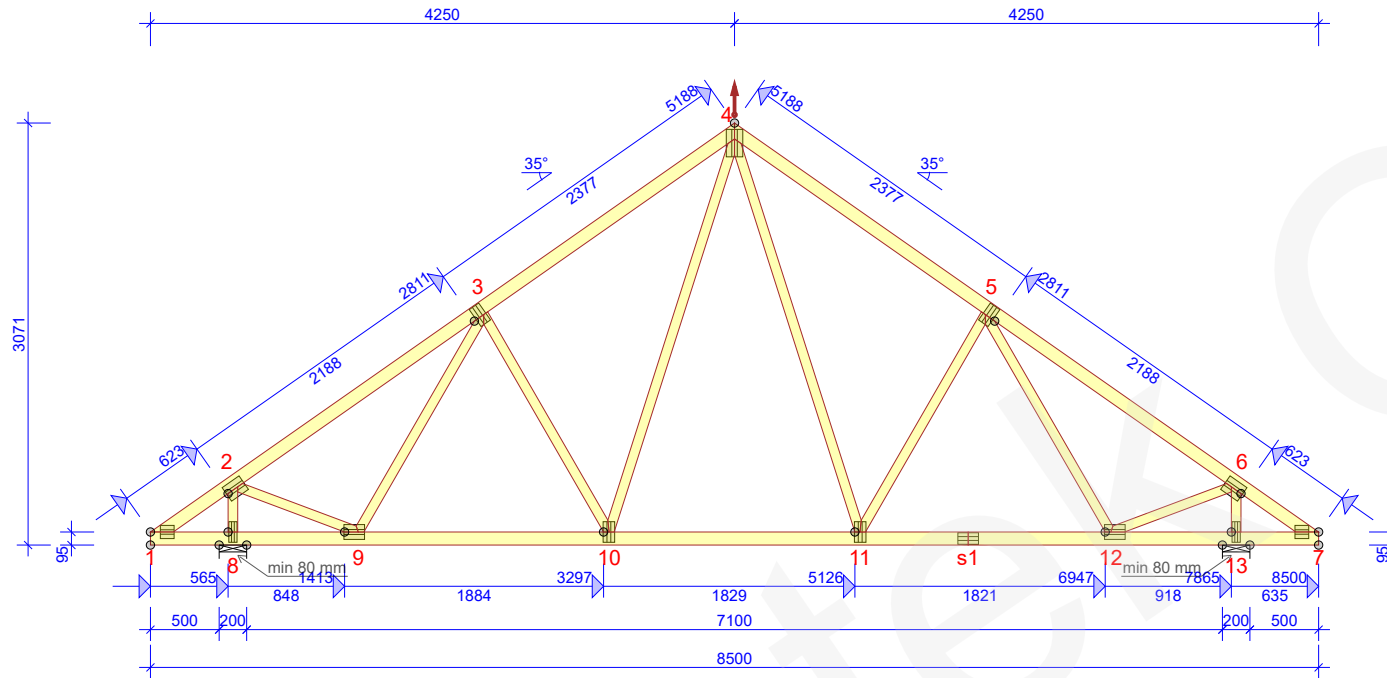


T1 - 16 no.

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



GENERAL DIRECTIONS

THE STRUCTURE HAS BEEN CALCULATED USING COMPUTER PROGRAM "PAMIR",
 Trustek OÜ - Scandinavia 2 - LICENSE: 15022
 DESIGN CODE: EN 1995-1-1:2004 + A2:2014 + EE NA:2007 + A1:2008 + EE NA:2009
 FULL DESIGN RESULTS AS PER CALC. PRINTOUT

GENERAL SETTINGS

TIMBER THICKNESS (mm): 45
 TRUSS WEIGHT (kg/ply): 66
 TRUSS CENTRES (mm): 800
 LOAD SHARING FACTOR: 1.1
 SERVICE CLASS: 2 = 65% <= RH < 85%
 THE TRUSS PLANT IS CONTROLLED BY :
 BM TRADA Latvia Ltd
 PRODUCT CERTIFICATE: 2358 - CPR - 2358-CPR-083
 BRACING: SEE TIMBER TABLE

LOADS (N/m²)

SNOW ZONE: User defined
 SNOW LOAD (Sk): 2750 N/m²
 WIND LOAD (qp(z)): 615 N/m²
 LIVE LOAD ON BOTTOM CHORD: 500
 DEAD LOAD ON ROOF: 650
 DEAD LOAD ON CEILING: 450
 DEAD LOAD ON CEILING EXPOSED: 300
 SELF-WEIGHT ADDED

SUPPORT REACTIONS (N) (ULTIMATE)

JOINT no	DIR.	LC P/L	LC M	LC S	LC I	LC I	S-W
		MAX	MAX	MAX	MAX	MIN	mm
13	VER.	5890	15941	16438	0	0	80
8	HOR.	0	0	-1965	0	-	
8	VER.	5890	15941	16438	0	0	80

MAX DEFLECTION (mm) (SERVICEABILITY)

JOINT no	VER.	HOR.	LC NO.
4-5	6.4	-2.3	1002:1 (Winst)
3-4	6.4	3.4	1002:1 (Winst)
3-4	6.3	3.4	1001:1:1 (Winst)

FOR DEFLECTIONS AT OTHER POINTS - SEE CALC. PRINTOUT

FASTENER LOCATION TOLERANCE: 8 mm

TIMBER THICKNESS 45 mm				
JOINT FROM - TO	DEPTH mm	GRADE	BRACING mm/no.	CSI %
1-4	95	C24	350	93
4-7	95	C24	350	92
1-7	95	C24	Sheeting	55
2-8	70	C24	None	44
2-9	70	C24	None	29
3-9	70	C24	None	51
3-10	70	C24	None	54
4-10	70	C24	None	18
4-11	70	C24	None	19
5-11	70	C24	None	53
5-12	70	C24	None	50
6-12	70	C24	None	28
6-13	70	C24	None	44

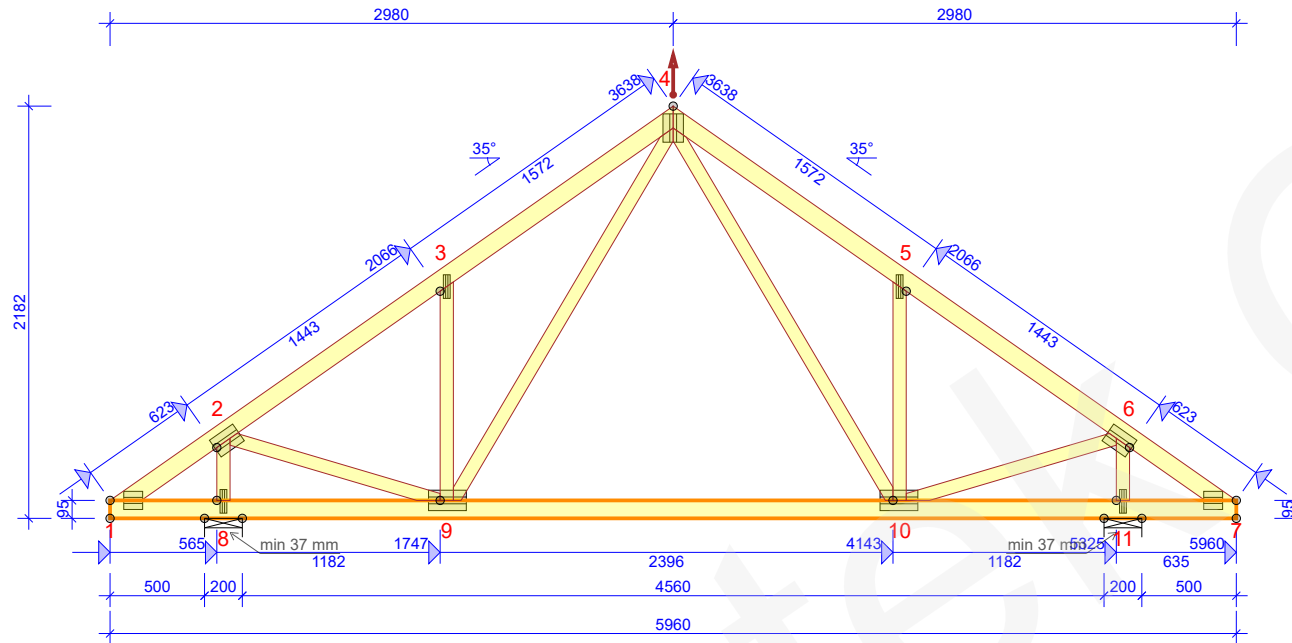
FASTENERS - SPLICES EXCL				
JOINT no	PLATE TYPE	WIDTH mm	LENGTH mm	CSI %
1	MiTopW	96	100	58
2	MiTopW	120	150	96
3	MiTopW	84	150	62
4	MiTopW	120	200	97
5	MiTopW	84	150	62
6	MiTopW	120	150	96
7	MiTopW	96	100	58
8	MiTopW	60	150	71
9	MiTopW	108	150	58
10	MiTopW	84	150	52
11	MiTopW	84	150	53
12	MiTopW	108	150	58
13	MiTopW	60	150	71

FASTENERS - SPLICES				
JOINT no	PLATE TYPE	WIDTH mm	LENGTH mm	CSI %
s1	MiTopW	84	150	56

© The drawing is protected under copyright law and may not be copied, distributed or otherwise used without the author's consent.

T2 - 3 no.

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



GENERAL DIRECTIONS

THE STRUCTURE HAS BEEN CALCULATED USING COMPUTER PROGRAM "PAMIR",
 Trustek OÜ - Scandinavia 2 - LICENSE: 15022
 DESIGN CODE: EN 1995-1-1:2004 + A2:2014 + EE NA:2007 + A1:2008 + EE NA:2009
 FULL DESIGN RESULTS AS PER CALC. PRINTOUT

GENERAL SETTINGS

TIMBER THICKNESS (mm): 45
 TRUSS WEIGHT (kg/ply): 44
 TRUSS CENTRES (mm): 800
 LOAD SHARING FACTOR: 1.1
 SERVICE CLASS: 2 = 65% <= RH < 85%
 THE TRUSS PLANT IS CONTROLLED BY :
 BM TRADA Latvia Ltd
 PRODUCT CERTIFICATE: 2358 - CPR - 2358-CPR-083
 BRACING: SEE TIMBER TABLE

LOADS (N/m²)

SNOW ZONE: User defined
 SNOW LOAD (Sk): 2750 N/m²
 WIND LOAD (qp(z)): 615 N/m²
 LIVE LOAD ON BOTTOM CHORD: 500
 DEAD LOAD ON ROOF: 650
 DEAD LOAD ON CEILING: 450
 DEAD LOAD ON CEILING EXPOSED: 300
 SELF-WEIGHT ADDED

SUPPORT REACTIONS (N) (ULTIMATE)

JOINT no	DIR.	LC P/L	LC M	LC S	LC I	LC I	S-W
		MAX	MAX	MAX	MAX	MIN	mm
11	VER.	4064	10991	11337	0	0	37
8	HOR.	0	0	-1440	0	-	
8	VER.	4064	10991	11337	0	0	37

MAX DEFLECTION (mm) (SERVICEABILITY)

JOINT no	VER.	HOR.	LC NO.
9-10	5.2	0.1	1004:6 (Wfin (frequent))
4-5	2.6	-0.9	1002:1 (Winst)
3-4	2.6	1	1002:1 (Winst)

FOR DEFLECTIONS AT OTHER POINTS - SEE CALC. PRINTOUT

TIMBER THICKNESS 45 mm				
JOINT FROM - TO	DEPTH mm	GRADE	BRACING mm/no.	CSI %
1-4	95	C24	350	52
4-7	95	C24	350	52
1-7	95	C24	Sheeting	65
2-8	70	C24	None	27
2-9	70	C24	None	29
3-9	70	C24	None	21
4-9	70	C24	None	15
4-10	70	C24	None	15
5-10	70	C24	None	21
6-10	70	C24	None	29
6-11	70	C24	None	27

FASTENERS - SPLICES EXCL				
JOINT no	PLATE TYPE	WIDTH mm	LENGTH mm	CSI %
1	MiTopW	96	100	50
2	MiTopW	108	150	72
3	MiTopW	36	125	45
4	MiTopW	108	150	50
5	MiTopW	36	125	45
6	MiTopW	108	150	72
7	MiTopW	96	100	50
8	MiTopW	36	125	90
9	MiTopW	108	200	82
10	MiTopW	108	200	82
11	MiTopW	36	125	90

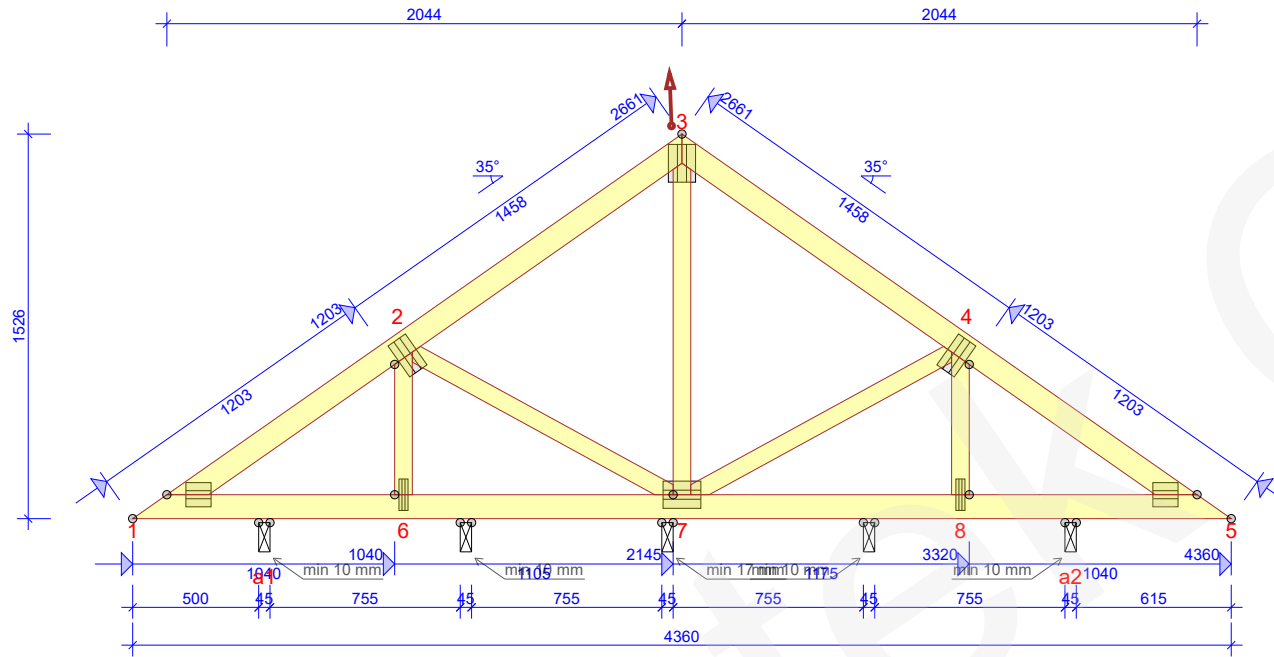
FASTENER LOCATION TOLERANCE: 8 mm

FASTENERS - SPLICES				
JOINT no	PLATE TYPE	WIDTH mm	LENGTH mm	CSI %

© The drawing is protected under copyright law and may not be copied, distributed or otherwise used without the author's consent.

SB1 - 1 no.

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



GENERAL DIRECTIONS

THE STRUCTURE HAS BEEN CALCULATED USING COMPUTER PROGRAM "PAMIR", Trustek OÜ - Scandinavia 2 - LICENSE: 15022
 DESIGN CODE: EN 1995-1-1:2004 + A2:2014 + EE NA:2007 + A1:2008 + EE NA:2009
 FULL DESIGN RESULTS AS PER CALC. PRINTOUT

GENERAL SETTINGS

TIMBER THICKNESS (mm): 45
 TRUSS WEIGHT (kg/ply): 28
 TRUSS CENTRES (mm): 900
 LOAD SHARING FACTOR: 1.1
 SERVICE CLASS: 2 = 65% <= RH < 85%
 THE TRUSS PLANT IS CONTROLLED BY :
 BM TRADA Latvia Ltd
 PRODUCT CERTIFICATE: 2358 - CPR - 2358-CPR-083
 BRACING: SEE TIMBER TABLE

LOADS (N/m²)

SNOW ZONE: User defined
 SNOW LOAD (Sk): 2750 N/m²
 WIND LOAD (qp(z)): 615 N/m²
 DEAD LOAD ON ROOF: 650
 SELF-WEIGHT ADDED

SUPPORT REACTIONS (N) (ULTIMATE)

JOINT no	DIR.	LC P/L	LC M	LC S	LC I	LC I	S-W
		MAX	MAX	MAX	MAX	MIN	mm
6	VER.	428	1517	1732	0	0	10
7	VER.	1744	5731	5978	0	0	17
8	VER.	572	1861	1983	0	0	10
a1	HOR.	0	0	-1247	0	-	
a1	VER.	833	3019	3388	0	0	10
a2	VER.	923	3233	3582	0	0	10

MAX DEFLECTION (mm) (SERVICEABILITY)

JOINT no	VER.	HOR.	LC NO.
5	1.5	0	1001:2:1 (Winst)
3-4	1.2	-0.3	1001:2:1 (Winst)
2-3	1.2	0.5	1002:1 (Winst)

FOR DEFLECTIONS AT OTHER POINTS - SEE CALC. PRINTOUT

TIMBER THICKNESS 45 mm				
JOINT FROM - TO	DEPTH mm	GRADE	BRACING mm/no.	CSI %
1-3	95	C24	350	41
3-5	95	C24	350	41
1-5	95	C24	Sheeting	35
2-6	70	C24	None	12
2-7	70	C24	None	9
3-7	70	C24	None	42
4-7	70	C24	None	7
4-8	70	C24	None	14

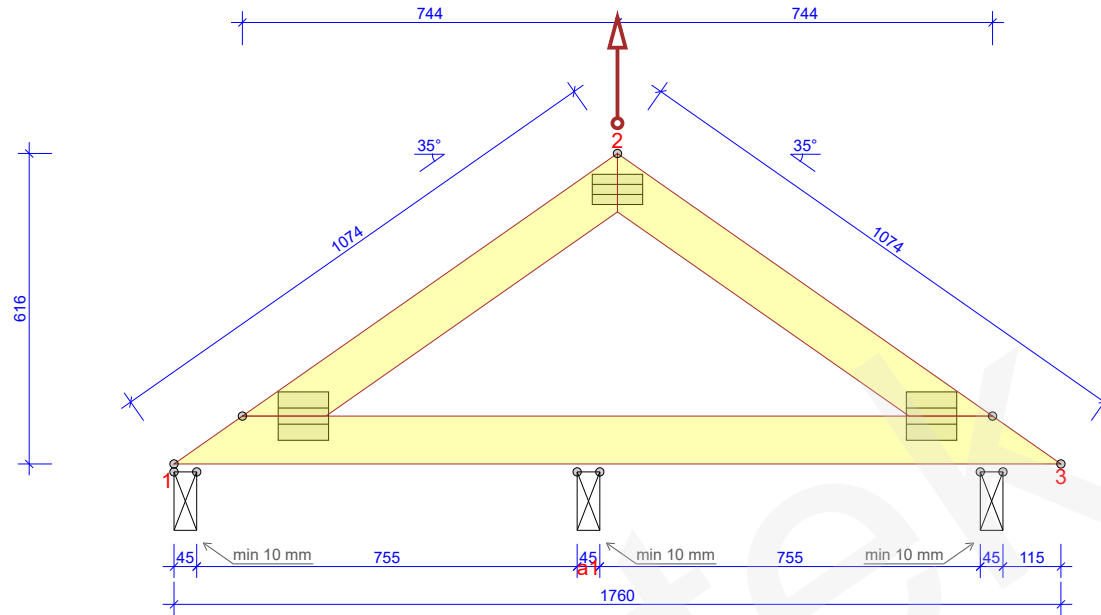
FASTENERS - SPLICES EXCL				
JOINT no	PLATE TYPE	WIDTH mm	LENGTH mm	CSI %
1	MiTopW	96	100	41
2	MiTopW	84	150	49
3	MiTopW	108	150	37
4	MiTopW	84	150	49
5	MiTopW	96	100	41
6	MiTopW	36	125	32
7	MiTopW	108	150	55
8	MiTopW	36	125	34

FASTENER LOCATION TOLERANCE: 8 mm

FASTENERS - SPLICES				
JOINT no	PLATE TYPE	WIDTH mm	LENGTH mm	CSI %

SB3 - 1 no.

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



GENERAL DIRECTIONS

THE STRUCTURE HAS BEEN CALCULATED USING COMPUTER PROGRAM "PAMIR",
 Trustek OÜ - Scandinavia 2 - LICENSE: 15022
 DESIGN CODE: EN 1995-1-1:2004 + A2:2014 + EE NA:2007 + A1:2008 + EE NA:2009
 FULL DESIGN RESULTS AS PER CALC. PRINTOUT

GENERAL SETTINGS

TIMBER THICKNESS (mm): 45
 TRUSS WEIGHT (kg/ply): 8
 TRUSS CENTRES (mm): 900
 LOAD SHARING FACTOR: 1.1
 SERVICE CLASS: 2 = 65% <= RH < 85%
 THE TRUSS PLANT IS CONTROLLED BY :
 BM TRADA Latvia Ltd
 PRODUCT CERTIFICATE: 2358 - CPR - 2358-CPR-083
 BRACING: SEE TIMBER TABLE

LOADS (N/m²)

SNOW ZONE: User defined
 SNOW LOAD (Sk): 2750 N/m²
 WIND LOAD (qp(z)): 615 N/m²
 DEAD LOAD ON ROOF: 650
 SELF-WEIGHT ADDED

SUPPORT REACTIONS (N) (ULTIMATE)

JOINT no	DIR.	LC P/L	LC M	LC S	LC I	LC I	S-W
		MAX	MAX	MAX	MAX	MIN	mm
1	HOR.	0	0	-580	0	-	
1	VER.	636	2147	2296	0	0	10
3	VER.	762	2568	2753	0	0	10
a1	VER.	376	1217	1390	0	0	10

MAX DEFLECTION (mm) (SERVICEABILITY)

JOINT no	VER.	HOR.	LC NO.
1-2	0.6	0.1	1002:1 (Winst)
1	0.5	0	1002:1 (Winst)
2-3	0.4	-0.2	1002:1 (Winst)

FOR DEFLECTIONS AT OTHER POINTS - SEE CALC. PRINTOUT

TIMBER THICKNESS 45 mm				
JOINT FROM - TO	DEPTH mm	GRADE	BRACING mm/no.	CSI %
1-2	95	C24	350	30
2-3	95	C24	350	30
1-3	95	C24	Sheeting	99

FASTENERS - SPLICES EXCL				
JOINT no	PLATE TYPE	WIDTH mm	LENGTH mm	CSI %
1	MiTopW	96	100	34
2	MiTopW	60	100	21
3	MiTopW	96	100	34

FASTENER LOCATION TOLERANCE: 8 mm

FASTENERS - SPLICES				
JOINT no	PLATE TYPE	WIDTH mm	LENGTH mm	CSI %