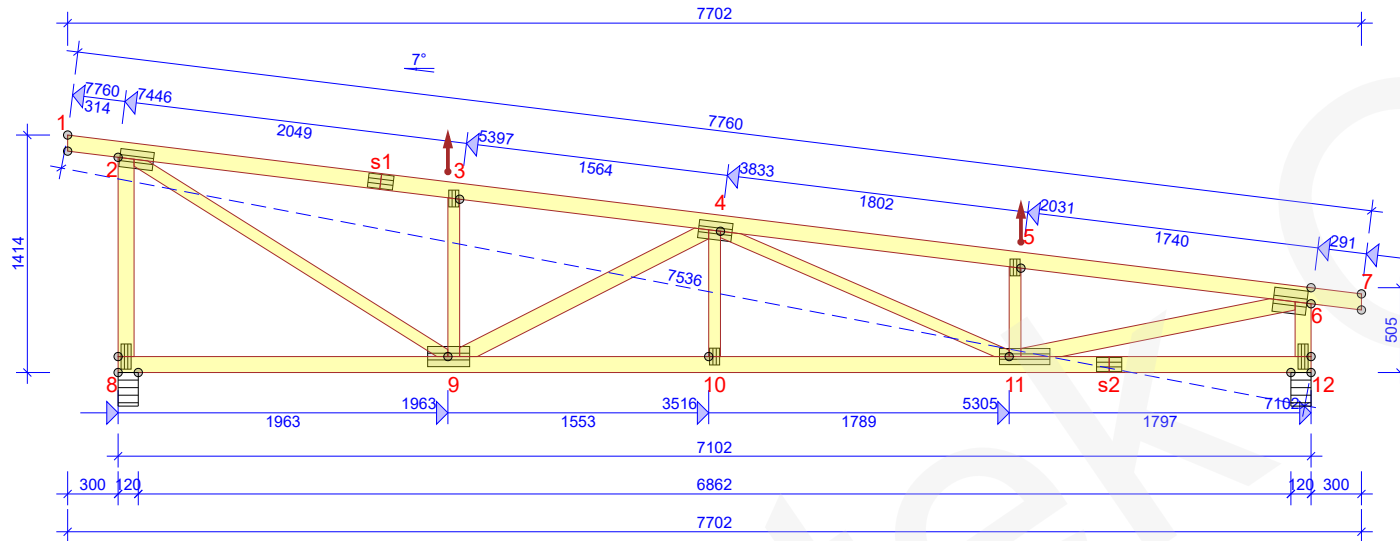


T1a - 2 no.

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 1 - LICENSE: 15049
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): 54
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: 1.5
SNOW LOAD (Sk): 1500 N/m²
WIND LOAD (qp(z)): 587 N/m²
LIVE LOAD ON BOTTOM CHORD: 500
DEAD LOAD ON ROOF: 650
DEAD LOAD ON WALL: 150
DEAD LOAD ON CEILING: 450
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
12	VER.	5293	11696	11621	0	0	43
8	HOR.	0	0	-1627	0	-	
8	VER.	5474	12564	12740	0	0	51

MAX DEFLECTION (mm) (SERVICEABILITY)

JOINT no	VER.	HOR.	LC NO.
4-5	11.9	0.1	1001:2:1 (Winst)
10-11	10.6	0.8	1001:2:6 (Wfin (frequent))
1-2	-1.3	3.2	1001:2:1 (Winst)

FOR DEFLECTIONS AT OTHER POINTS - SEE CALC. PRINTOUT

TIMBER THICKNESS 45 mm					FASTENERS - SPLICES EXCL				
JOINT FROM - TO	DEPTH mm	GRADE	BRACING mm/no.	CSI %	JOINT no	PLATE TYPE	WIDTH mm	LENGTH mm	CSI %
1-7	95	C24	345	98	2	MiTopW	108	200	100
8-12	95	C24	Sheeting	88	3	MiTopW	60	100	39
2-8	95	C24	None	60	4	MiTopW	108	200	89
6-12	95	C24	None	30	5	MiTopW	60	100	38
2-9	70	C24	None	66	6	MiTopW	144	200	84
3-9	70	C24	None	23	8	MiTopW	60	150	73
4-9	95	C24	None	78	9	MiTopW	120	250	89
4-10	70	C24	None	9	10	MiTopW	60	100	37
4-11	70	C24	None	13	11	MiTopW	96	300	98
5-11	70	C24	None	12	12	MiTopW	60	150	71
6-11	95	C24	None	80					

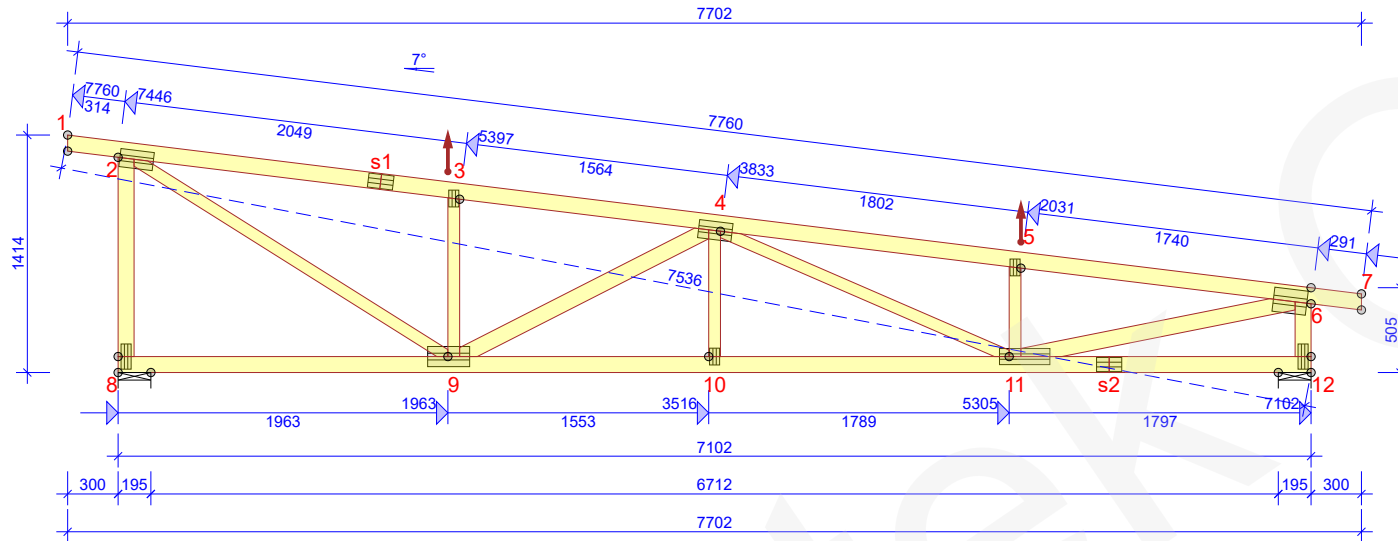
FASTENER LOCATION TOLERANCE: 8 mm

FASTENERS - SPLICES				
JOINT no	PLATE TYPE	WIDTH mm	LENGTH mm	CSI %
s1	MiTopW	84	150	52
s2	MiTopW	84	150	24

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T1b - 8 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 1 - LICENSE: 15049
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): 54
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: 1.5
SNOW LOAD (Sk): 1500 N/m²
WIND LOAD (qp(z)): 587 N/m²
LIVE LOAD ON BOTTOM CHORD: 500
DEAD LOAD ON ROOF: 650
DEAD LOAD ON WALL: 150
DEAD LOAD ON CEILING: 450
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
12	VER.	5251	11654	11578	0	0	43
8	HOR.	0	0	-1627	0	-	
8	VER.	5434	12531	12709	0	0	50

MAX DEFLECTION (mm) (SERVICEABILITY)

JOINT no	VER.	HOR.	LC NO.
4-5	11.6	0.1	1001:2:1 (Winst)
10-11	10.4	0.8	1001:2:1 (Winst)
1-2	-1.2	3.1	1001:2:1 (Winst)

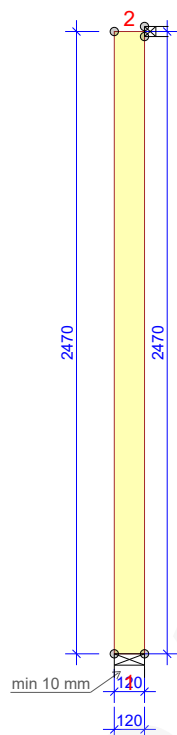
FOR DEFLECTIONS AT OTHER POINTS - SEE CALC. PRINTOUT

TIMBER THICKNESS 45 mm					FASTENERS - SPLICES EXCL				
JOINT FROM - TO	DEPTH mm	GRADE	BRACING mm/no.	CSI %	JOINT no	PLATE TYPE	WIDTH mm	LENGTH mm	CSI %
1-7	95	C24	345	95	2	MiTopW	108	200	96
8-12	95	C24	Sheeting	81	3	MiTopW	60	100	39
2-8	95	C24	None	58	4	MiTopW	108	200	90
6-12	95	C24	None	32	5	MiTopW	60	100	38
2-9	70	C24	None	61	6	MiTopW	144	200	81
3-9	70	C24	None	22	8	MiTopW	60	150	58
4-9	95	C24	None	79	9	MiTopW	120	250	86
4-10	70	C24	None	9	10	MiTopW	60	100	38
4-11	70	C24	None	17	11	MiTopW	96	300	93
5-11	70	C24	None	12	12	MiTopW	60	150	56
6-11	95	C24	None	73					

FASTENER LOCATION TOLERANCE: 8 mm

FASTENERS - SPLICES				
JOINT no	PLATE TYPE	WIDTH mm	LENGTH mm	CSI %
s1	MiTopW	84	150	50
s2	MiTopW	84	150	23

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



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

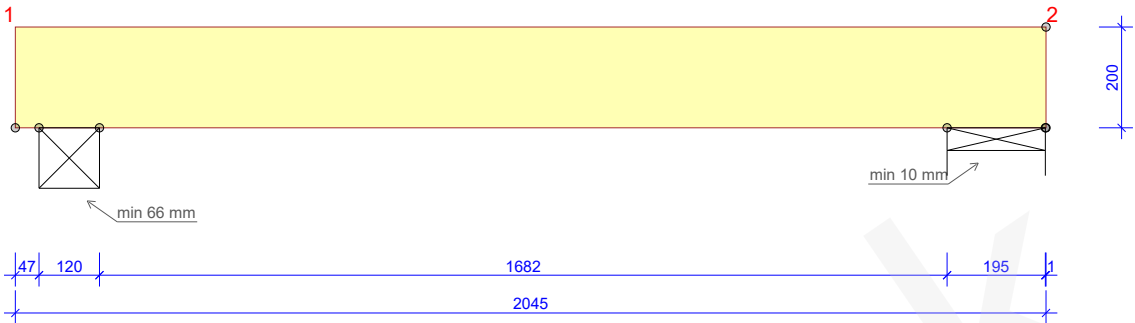
FASTENER LOCATION TOLERANCE: 8 mm

JOINT no	VER.	HOR.	LC NO.
2	0.2	0	1001:1:1 (Winst)
1-2	0.2	0	1001:1:1 (Winst)
1-2	0.1	0	1008:3:6 (Wfin (frequent))

FOR DEFLECTIONS AT OTHER POINTS - SEE CALC. PRINTOUT

B1 - 1 no.

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



GENERAL DIRECTIONS

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COMPUTER PROGRAM "PAMIR",
Trustek OÜ - Scandinavia 1 - LICENSE: 15049
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): 120
TRUSS WEIGHT (kg/ply): 24
TRUSS CENTRES (mm): 900
LOAD SHARING FACTOR: 1
SERVICE CLASS: 3 = 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: 1.5
SNOW LOAD (Sk): 1500 N/m²
WIND LOAD (qp(z)): 587 N/m²
LIVE LOAD ON BOTTOM CHORD: 500
DEAD LOAD ON ROOF: 650
OTHER LOADS AS PER CALC. PRINT-OUT
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
1	VER.	8630	18870	16722	0	0	66
2	VER.	2255	4786	4253	0	0	10

MAX DEFLECTION (mm) (SERVICEABILITY)

JOINT no	VER.	HOR.	LC NO.
1-2	1.9	0	1001:1:6 (Wfin (frequent))
2	-0.2	0	1001:1:6 (Wfin (frequent))
1	-0.1	0	1000:6 (Wfin (frequent))

FOR DEFLECTIONS AT OTHER POINTS - SEE CALC. PRINTOUT

TIMBER THICKNESS 120 mm				
JOINT FROM - TO	DEPTH mm	GRADE	BRACING mm/no.	CSI %
1-2	200	GL28h	None	38

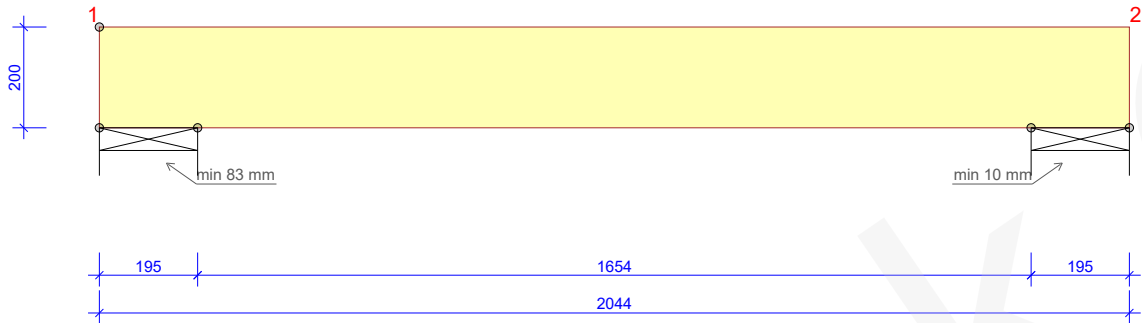
FASTENERS - SPLICES EXCL				
JOINT no	PLATE TYPE	WIDTH mm	LENGTH mm	CSI %

FASTENER LOCATION TOLERANCE: 8 mm

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

B2 - 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 1 - LICENSE: 15049
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): 120
TRUSS WEIGHT (kg/ply): 24
TRUSS CENTRES (mm): 900
LOAD SHARING FACTOR: 1
SERVICE CLASS: 3 = 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: 1.5
SNOW LOAD (Sk): 1500 N/m²
WIND LOAD (qp(z)): 587 N/m²
LIVE LOAD ON BOTTOM CHORD: 500
DEAD LOAD ON ROOF: 650
OTHER LOADS AS PER CALC. PRINT-OUT
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
1	VER.	8874	20158	20439	0	0	83
2	VER.	2373	5236	5307	0	0	10

MAX DEFLECTION (mm) (SERVICEABILITY)

JOINT no	VER.	HOR.	LC NO.
1-2	2.1	0	1001:1:6 (Wfin (frequent))
2	-0.3	0	1001:1:6 (Wfin (frequent))
2	-0.2	0	1000:6 (Wfin (frequent))

FOR DEFLECTIONS AT OTHER POINTS - SEE CALC. PRINTOUT

TIMBER THICKNESS 120 mm				
JOINT FROM - TO	DEPTH mm	GRADE	BRACING mm/no.	CSI %
1-2	200	GL28h	None	42

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

FASTENER LOCATION TOLERANCE: 8 mm

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