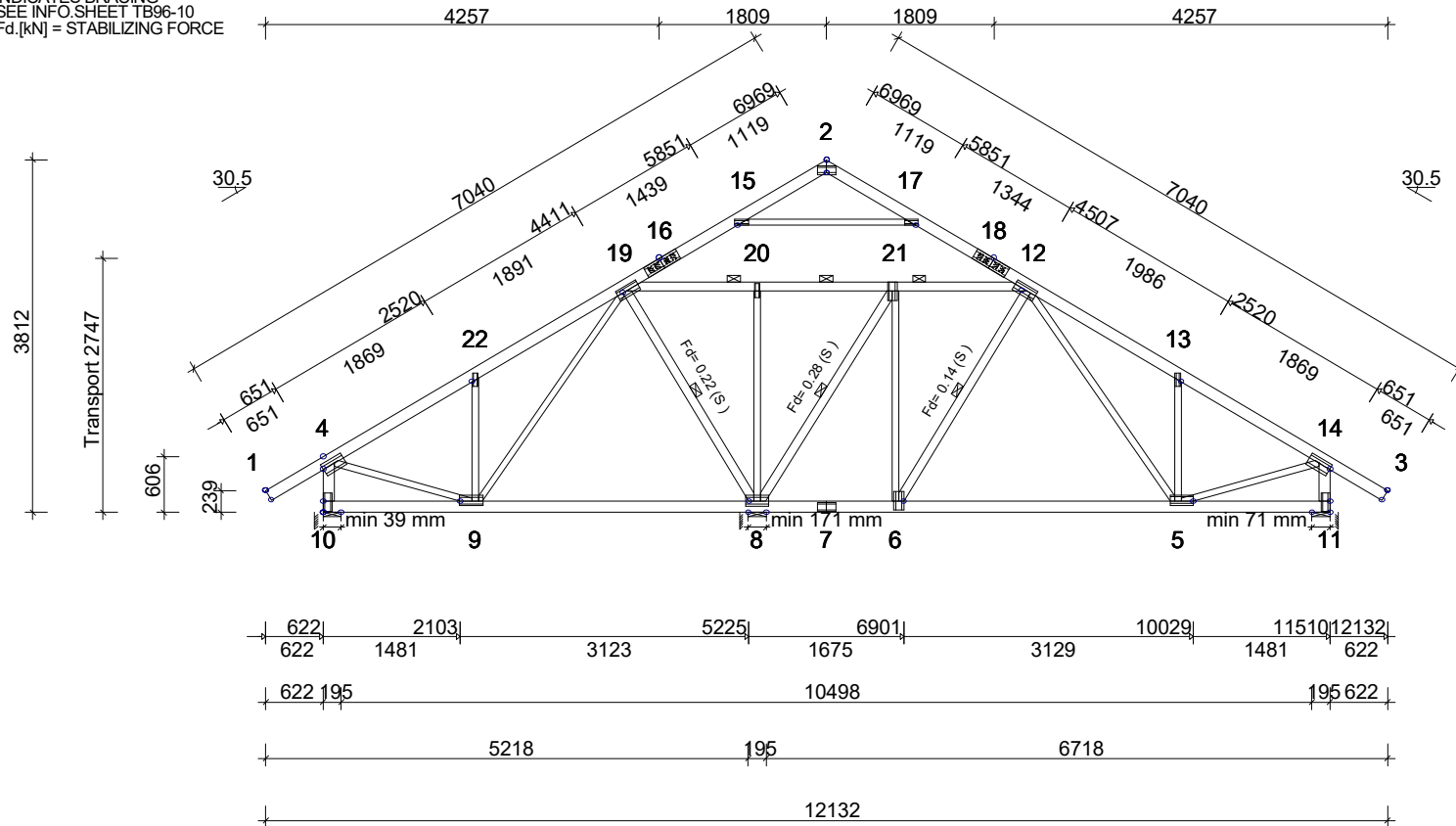


Weight: 122 kg/ply

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

 INDICATES BRACING
 SEE INFO.SHEET TB96-10
 Fd.[kN] = STABILIZING FORCE



GENERAL DIRECTIONS:

THE STRUCTURE HAS BEEN CALCULATED USING
COMPUTER PROGRAM "TRUSSCON". LIC.NO: 15056
CODE TIMBER: EVS-EN 1995-1-1 + NA
LOADS: EVS-EN 1991 + NA
FULL DESIGN RESULTS AS PER CALC. PRINT-OUT

GENERAL SETTINGS:

TIMBER THICKNESS: (mm)	45
TRUSS CENTRES: (mm)	900
CLIMATE CLASS:	2
BRACING: SEE TIMBER TABLE	

LOADS (N/m²):

SNOW LOAD (BASE VALUE):	1500
WIND LOAD (BASE VALUE):	1000
LIVE LOAD:	NO FREE
	1 500

DEAD LOADS: SEE TIMBER TABLE
OTHER LOADS AS PER CALC. PRINT-OUT

SUPPORT REACTIONS (N) (ULTIMATE):

JOINT NO	DIR.	LC P MAX	LC M MAX	LC S MIN	LC S MAX	SUP-W. MM
8	Vert	11668	26277	-1295	28353	171
10	Vert	5231	11273	47	12490	39
11	Hori	0	0	0	4395	
11	Vert	6868	14959	-135	16319	71

MAX DEFORMATION (mm) (SERVICEABILITY):

JOINT NO	VERT.	HORIZ.	LC NO.
5-6	9.2	-0.2	22 (6.15fin)
8-9	7.3	-0.5	22 (6.15fin)
17-18	4.1	-1.7	29 (Winst)

FOR DEFORMATION AT OTHER POINTS - SEE CALC.PRINTOUT

TIMBER:	THICKNESS 45 mm				
CONSTR.-PART	DEPTH mm	GRADE	BRACING mn/pcs	LOAD N/m²	CSI %
1-2	120	C24	400	700	56
2-3	120	C24	400	700	63
12-19	95	C24	1200	650	52
11-10	120	C24	Full	500	65
4-10	120	C24	None	150	18
11-14	120	C24	None	150	24
8-20	70	C24	None		85
5-12	70	C24	None		19
9-19	70	C24	None		21
9-22	70	C24	None		29
5-13	70	C24	None		28
4-9	70	C24	None		23
5-14	70	C24	None		35
8-19	95	C24	1 pcs		60
15-17	70	C24	None		53
8-21	95	C24	1 pcs		83
6-21	70	C24	None		37
6-12	95	C24	1 pcs		43

FASTENERS - SPLICES EXCL:				
JOINT NO	PLATE TYPE	WIDTH mm	LENGTH mm	CSI %
2	MITOPW	96	200	29
4	MITOPW	144	250	38
5	MITOPW	120	250	81
6	MITOPW	108	200	51
8	MITOPW	120	250	85
9	MITOPW	120	250	81
10	MITOPW	96	200	32
11	MITOPW	96	200	42
12	MITOPW	120	250	55
13	MITOPW	60	150	34
14	MITOPW	144	250	48
15	MITOPW	60	150	50
17	MITOPW	60	150	51
19	MITOPW	120	250	68
20	MITOPW	60	150	26
21	MITOPW	108	200	75
22	MITOPW	60	150	34

FASTENERS - SPLICES:				
JOINT NO	PLATE TYPE	WIDTH mm	LENGTH mm	CSI %
7	MITOPW	96	200	34
16	C24	120	400	69
18	C24	120	400	79

Versions:
TIME : 16.44

DRAWN CONSTR.BY	CHECKED
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