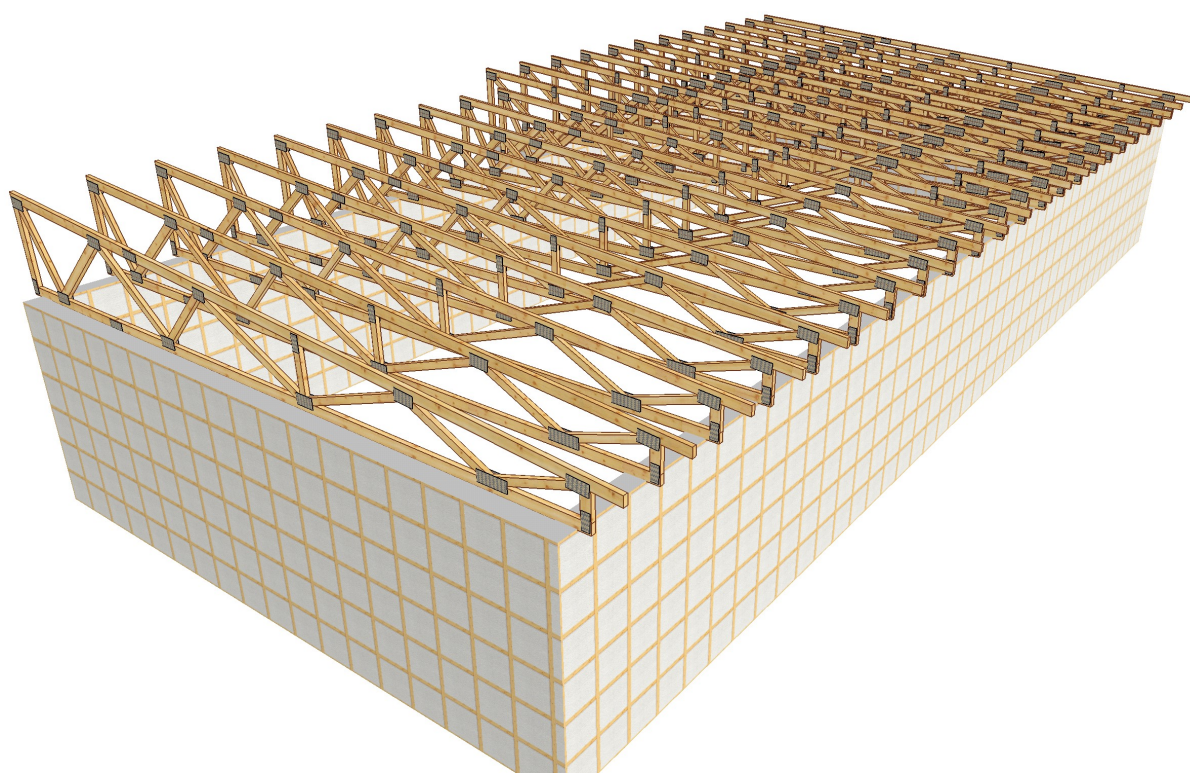
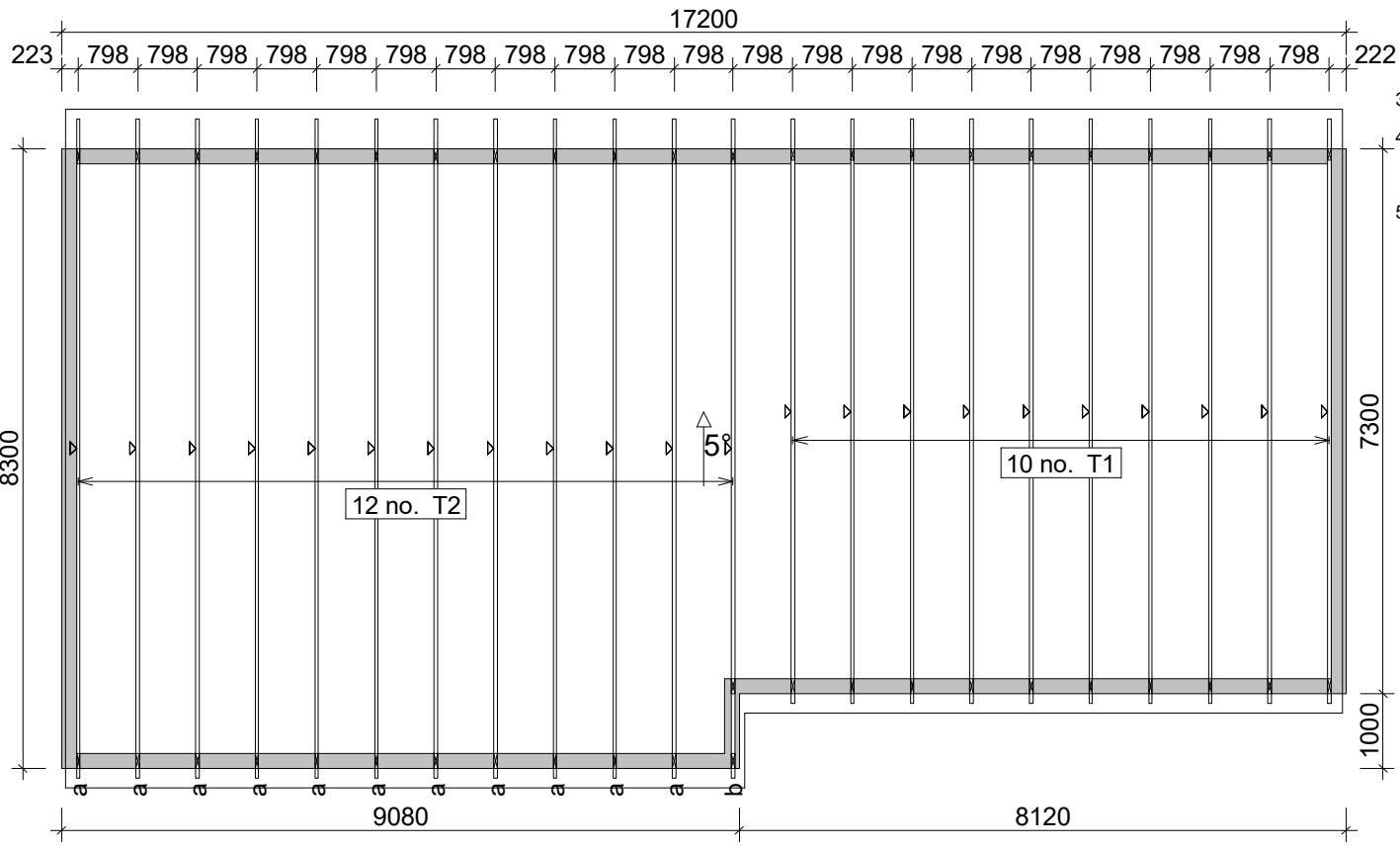




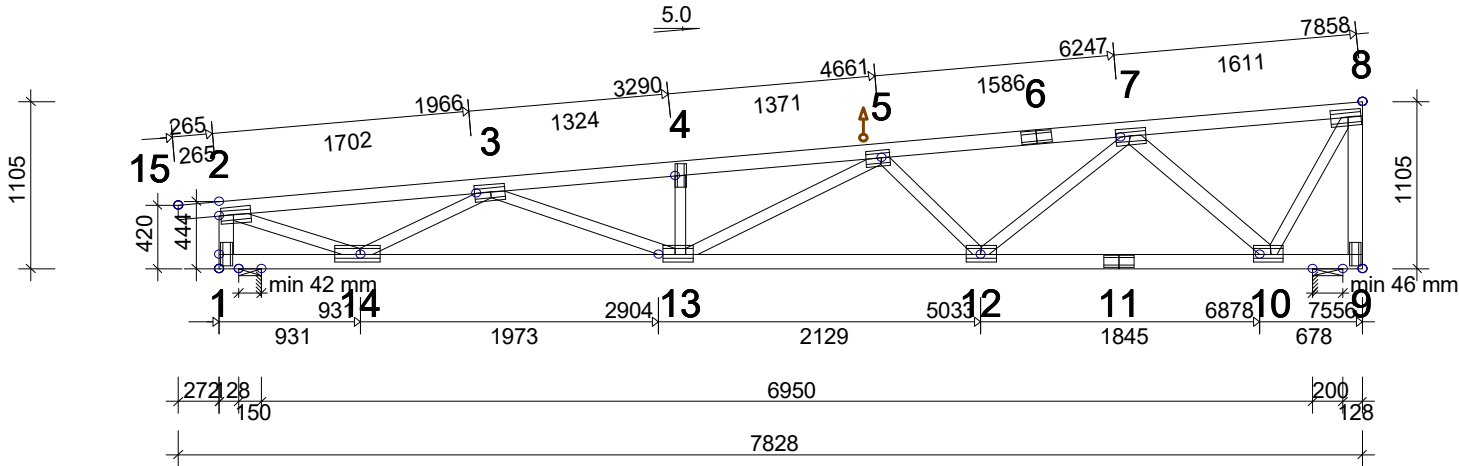


GENERAL NOTES

1. Esialgne joonis
2. Loads:
 - Dead load roof: 650 N/m²
 - Dead load ceiling: 400 N/m²
 - Snow load: 1500 N/m²
 - Wind load, (velocity pressure): 650 N/m²
 - Live load attic: 0 N/m²
3. Seinad ja talad, mis on joonisele märgitud, eeldatakse olevat kandvad.
4. Joonis ja sellega kaasnevad arvutused on omand.
Jooniste kopeerimine, levitamine ja kasutamine ilma loata on keelatud.
5. Enne tootmist peab klient olema veendunud, et fermiplaan, fermid ja tugisüsteem on kooskõlas tema soovide ja tahtmiseega.

DRAWN		CHECKED	JOB NO.	SCALE 1:100	
			CODE TYPE NO.	DRAWING NUMBER	REG.

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 "TRUSSCON".

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)	830
CLIMATE CLASS:	2
BRACING: SEE TIMBER TABLE	

LOADS (N/m²):	
SNOW LOAD (BASE VALUE):	1500
WIND LOAD (BASE VALUE):	650
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 SUP-W. MAX	MM
1	Hori	0	0	70	-1159	
1	Vert	5856	11593	959	11933	42
9	Vert	5801	12020	631	12592	46

TIMBER:					
THICKNESS 45 mm					
CONSTR.-PART	DEPTH mm	GRADE	BRACING mm	LOAD N/m²	CSI %
1-2	95	C24	None	150	23
8-15	95	C24	400	650	92
8-9	95	C24	None	150	30
9-1	95	C24	Full	600	90
4-13	70	C24	None		6
7-10	95	C24	None		74
2-14	70	C24	None		48
3-14	70	C24	None		73
3-13	70	C24	None		17
5-13	70	C24	None		13
5-12	70	C24	None		31
7-12	70	C24	None		47
8-10	70	C24	None		21

FASTENERS - SPLICES EXCL:					
JOINT NO	PLATE TYPE	WIDTH mm	LENGTH mm	CSI %	
1	GNT100S	76	159	54	
2	MITOPW	108	200	83	
3	MITOPW	108	200	100	
4	GNT100S	76	159	25	
5	GNT100S	103	159	98	
7	MITOPW	108	200	78	
8	MITOPW	108	200	91	
9	GNT100S	76	159	43	
10	MITOPW	108	200	90	
12	MITOPW	108	200	75	
13	MITOPW	108	200	74	
14	MITOPW	108	300	66	

FASTENER LOCATION TOLERANCE: 10 mm

FASTENERS - SPLICES:					
JOINT NO	PLATE TYPE	WIDTH mm	LENGTH mm	CSI %	
6	MITOPW	84	200	64	
11	MITOPW	84	200	73	

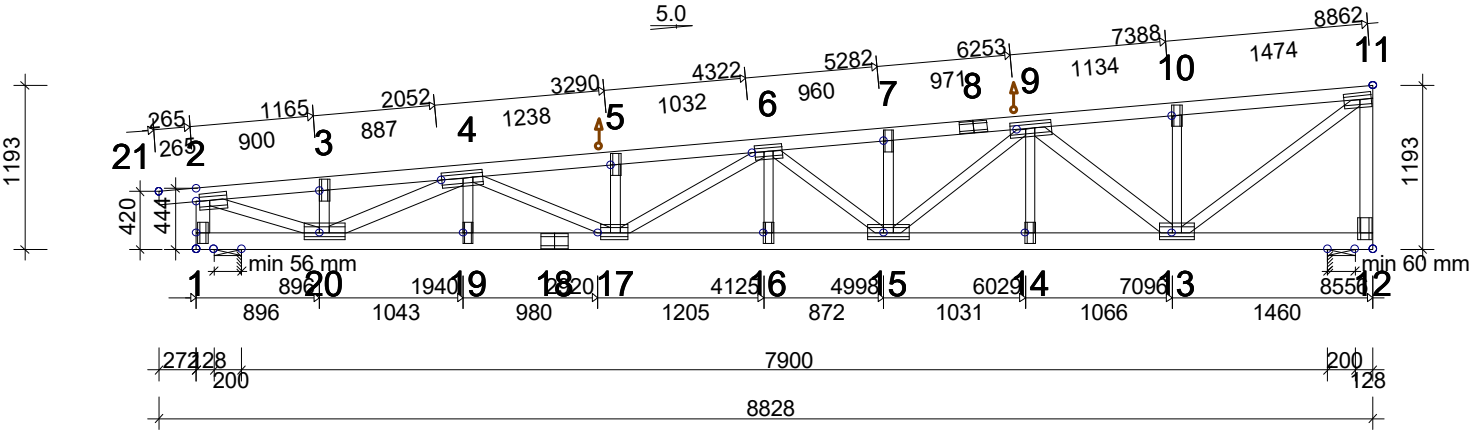
MAX DEFORMATION (mm) (SERVICEABILITY):			
JOINT NO	VERT.	HORIZ.	LC NO.
12-13	14.3	1.1	16 (6.15fin)
4-5	14.0	1.3	16 (6.15fin)
9	0.1	2.2	16 (6.15fin)
FOR DEFORMATION AT OTHER POINTS - SEE CALC.PRINTOUT			

VERSION :
TIME :

DRAWN CONSTR.BY			CHECKED	JOB NO.

SCALE 1:50(A4)		
CODE TYPE NO.	DRAWING NUMBER	REG.

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 "TRUSSCON"
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)	830
CLIMATE CLASS:	2
BRACING: SEE TIMBER TABLE	

LOADS (N/m²):

SNOW LOAD (BASE VALUE):	1500
WIND LOAD (BASE VALUE):	650
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 SUP. MAX	W. MM
1	Hori	0	0	35	-1230	
1	Vert	6671	13179	1231	13591	56
12	Vert	6593	13658	821	14297	60

TIMBER: THICKNESS 45 mm					
CONSTR.-PART	DEPTH mm	GRADE	BRACING mm	LOAD N/m²	CSI %
1-2	95	C24	None	150	22
11-21	95	C24	400	650	90
11-12	95	C24	None	150	44
12-1	120	C24	Full	600	75
7-15	70	C24	None		8
5-17	70	C24	None		6
3-20	70	C24	None		20
10-13	70	C24	None		14
2-20	70	C24	None		55
4-20	95	C24	None		75
4-17	70	C24	None		19
6-17	70	C24	None		7
6-15	70	C24	None		26
9-15	70	C24	None		33
9-13	95	C24	None		73
11-13	70	C24	None		50
6-16	70	C24	None		5
9-14	70	C24	None		9
4-19	70	C24	None		8

FASTENERS - SPLICES EXCL:					
JOINT NO	PLATE TYPE	WIDTH mm	LENGTH mm	CSI %	
1	GNT100S	76	159	53	
2	MITOPW	120	200	77	
3	GNT100S	76	159	48	
4	MITOPW	108	300	69	
5	GNT100S	76	159	25	
6	MITOPW	108	200	53	
7	GNT100S	76	159	26	
9	MITOPW	108	300	74	
10	GNT100S	76	159	26	
11	MITOPW	108	200	98	
12	GNT100S	103	159	89	
13	MITOPW	120	250	95	
14	GNT100S	76	159	34	
15	MITOPW	108	300	58	
16	GNT100S	76	159	31	
17	MITOPW	108	200	56	
19	GNT100S	76	159	31	
20	MITOPW	120	300	87	

FASTENER LOCATION TOLERANCE: 10 mm

FASTENERS - SPLICES:				
JOINT NO	PLATE TYPE	WIDTH mm	LENGTH mm	CSI %
8	MITOPW	84	200	91
18	MITOPW	108	200	90

MAX DEFORMATION (mm) (SERVICEABILITY):

JOINT NO	VERT.	HORIZ.	LC NO.
5-6	18.5	1.8	16 (6.15fin)
16-17	18.3	1.4	16 (6.15fin)
12-13	6.9	2.6	16 (6.15fin)

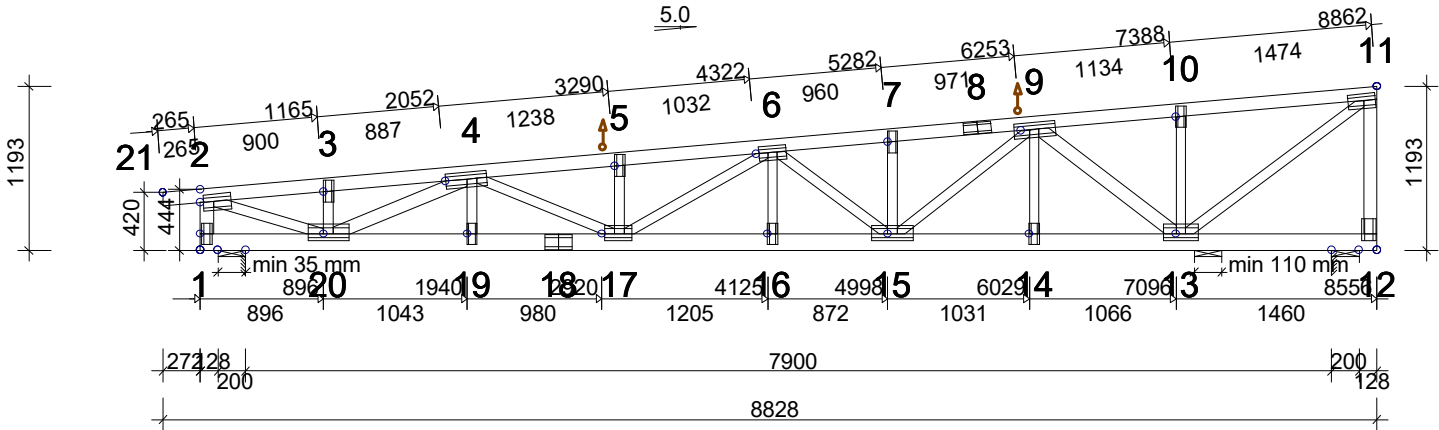
FOR DEFORMATION AT OTHER POINTS - SEE CALC.PRINTOUT

VERSION:
TIME:

DRAWN CONSTR.BY CHECKED JOB NO

SCALE 1:55(A4)
CODE TYPE NO. DRAWING NUMBER REG.

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 "TRUSSCON"
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)	830
CLIMATE CLASS:	2
BRACING: SEE TIMBER TABLE	

LOADS (N/m²):	
SNOW LOAD (BASE VALUE):	1500
WIND LOAD (BASE VALUE):	650
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 SUP-W. MAX MM
1	Hori	0	0	35	-1230
1	Vert	5509	10789	877	11086 35
12	Vert	-1656	-2380	-3487	-270
13	Vert	9410	19361	1651	20289 110

TIMBER: THICKNESS 45 mm					
CONSTR.-PART	DEPTH mm	GRADE	BRACING mm	LOAD N/m²	CSI %
1-2	95	C24	None	150	18
11-21	95	C24	400	650	67
11-12	95	C24	None	150	10
12-1	120	C24	Full	600	86
7-15	70	C24	None		9
5-17	70	C24	None		6
3-20	70	C24	None		15
10-13	70	C24	None		21
2-20	70	C24	None		42
4-20	95	C24	None		53
4-17	70	C24	None		8
6-17	70	C24	None		15
6-15	70	C24	None		33
9-15	70	C24	None		37
9-13	95	C24	None		86
11-13	70	C24	None		77
6-16	70	C24	None		6
9-14	70	C24	None		10
4-19	70	C24	None		6

FASTENERS - SPLICES EXCL:				
JOINT NO	PLATE TYPE	WIDTH mm	LENGTH mm	CSI %
1	GNT100S	76	159	42
2	MITOPW	120	200	62
3	GNT100S	76	159	41
4	MITOPW	108	300	50
5	GNT100S	76	159	26
6	MITOPW	108	200	68
7	GNT100S	76	159	26
9	MITOPW	108	300	89
10	GNT100S	76	159	25
11	MITOPW	108	200	40
12	GNT100S	103	159	58
13	MITOPW	120	250	89
14	GNT100S	76	159	50
15	MITOPW	108	300	68
16	GNT100S	76	159	31
17	MITOPW	108	200	57
19	GNT100S	76	159	31
20	MITOPW	120	300	67

FASTENER LOCATION TOLERANCE: 10 mm

FASTENERS - SPLICES:				
JOINT NO	PLATE TYPE	WIDTH mm	LENGTH mm	CSI %
8	MITOPW	84	200	48
18	MITOPW	108	200	67

MAX DEFORMATION (mm) (SERVICEABILITY):			
JOINT NO	VERT.	HORIZ.	LC NO.
5-6	11.7	1.2	16 (6.15fin)
16-17	11.6	0.9	16 (6.15fin)
12-13	-0.8	1.6	16 (6.15fin)
FOR DEFORMATION AT OTHER POINTS - SEE CALC.PRINTOUT			

VERSION
TIME:

DRAWN CONSTR.BY			CHECKED	JOB NO.

SCALE 1:55(A4)		
CODE TYPE NO.	DRAWING NUMBER	REG.