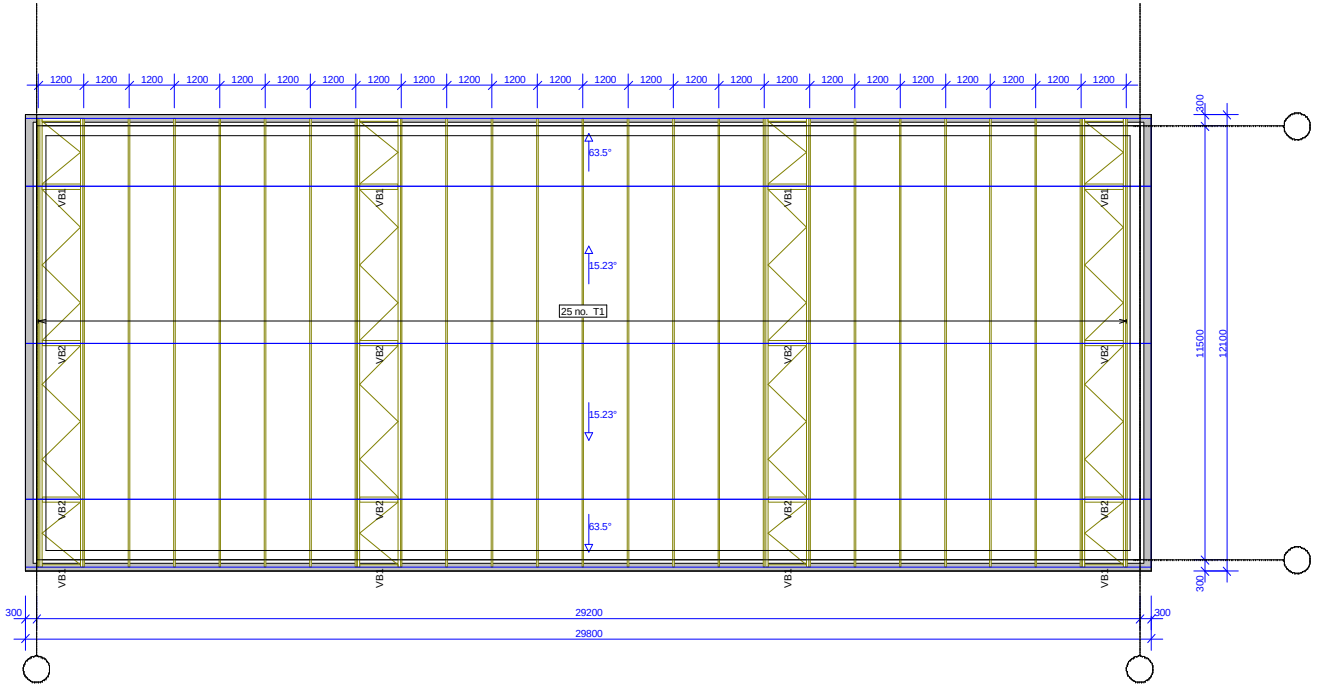
TRUSS PLAN

Roof surface m2 496.774



GENERAL NOTES

1. This drawing and associated calculations is the property of WoodCon, Ltd. Any copying, distribution and usage of these drawings without the permission from WoodCon, Ltd., is not allowed.

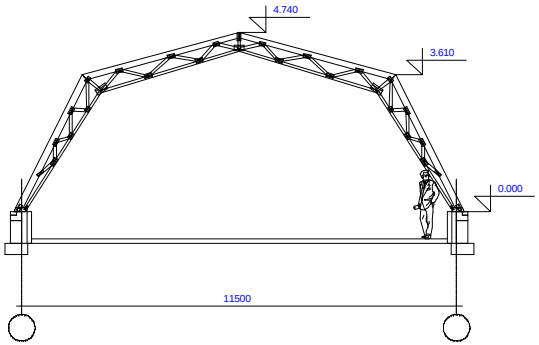
2. The trusses should be anchored for wind uplift. WoodCon, Ltd. has not designed the anchors, but uplift forces can be found in the calculation printout.

3. Loads:
   - Dead load roof: 650 N/m²
   - Dead load ceiling: 300 N/m²
   - Snow load: 2000 N/m²
   - Wind load, (velocity pressure): 730 N/m²

4. A detailed design of suspension between construction parts is not made by WoodCon, Ltd. This is assumed to be made by the client/building designer.

5. It needs to be verified that the roof layout, trusses and supporting system is in compliance with the wishes/demands of the client before the production of the trusses starts.

6. Wind and stability bracing of the building: Out of plane bracing of trusses and stability bracing of the building need to be calculated separately on a building of this size. This is not made by WoodCon, Ltd, but is assumed to be done by the building designer.



WoodCon
TRUSS FRAME CONSTRUCTION

DRAWN	CHECKED	JOB NO.
		Complex_4
		20120322

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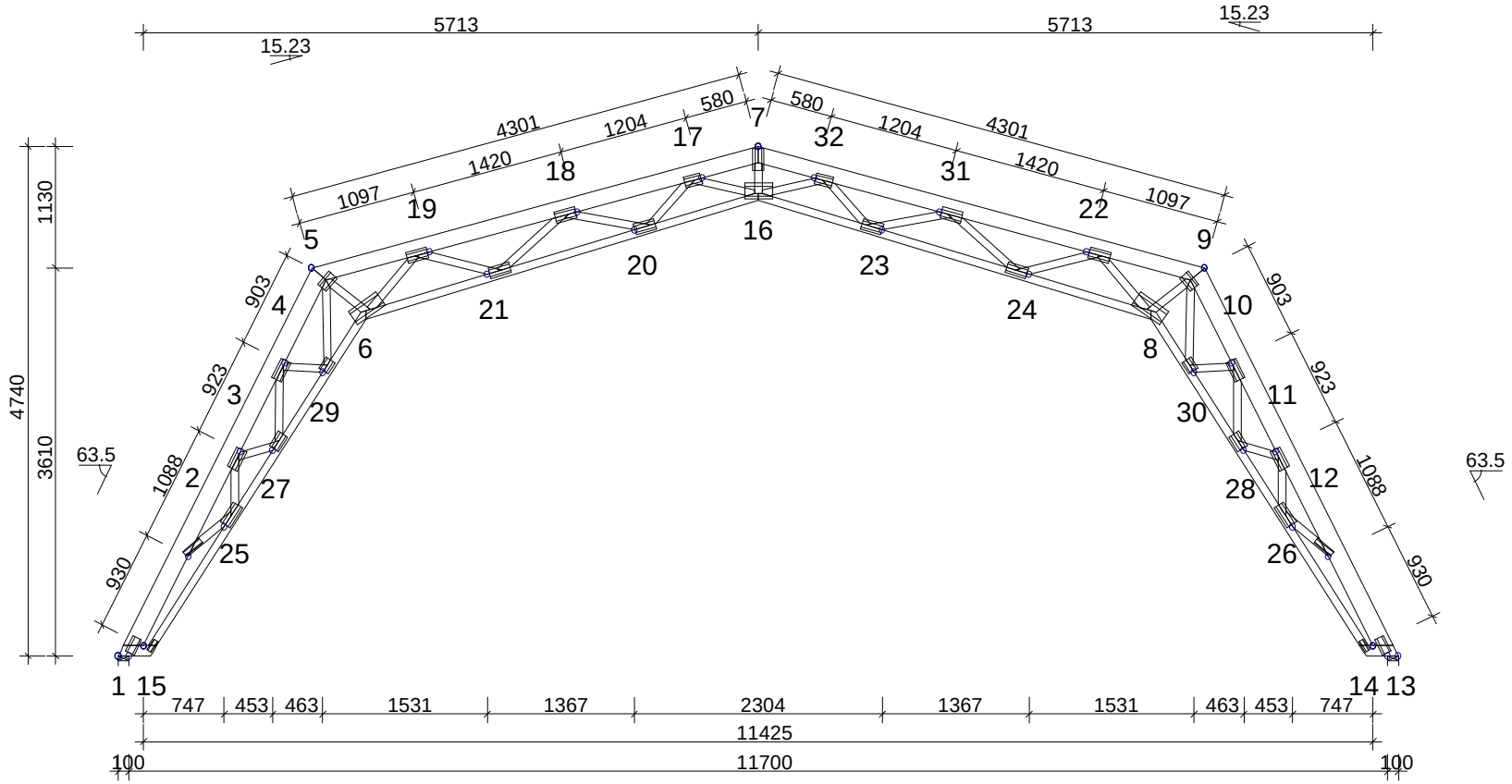
e-mail: woodcon@woodcon.lv

SCALE 1:200

CODE TYPE NO.	DRAWING NUMBER	REG.

T1 - 25 no. 1-ply Weight: 105 kg/ply

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



SEE CALC.PRINTOUT FOR INFORMATION NOT FOUND IN TABLES

TIMBER: THICKNESS 45 mm

CONSTR.-PART	DEPTH mm	GRADE	BRACING mm	LOAD N/m²
1-5	170	K24	400	250
9-13	170	K24	400	250
13-14	95	K18	Full	
15-1	95	K18	Full	
5-7	145	K24	400	250
7-9	145	K24	400	250
6-15	70	K18	Full	
6-16	70	K18	Full	
8-14	70	K18	Full	
8-16	70	K18	Full	
5-6	70	K18	None	
8-9	70	K18	None	
7-16	70	K18	None	
6-19	70	K18	None	
8-22	70	K18	None	
19-21	70	K18	None	
22-24	70	K18	None	
18-21	70	K18	None	
24-31	70	K18	None	
18-20	70	K18	None	
23-31	70	K18	None	
3-25	70	K18	None	
11-26	70	K18	None	
3-27	70	K18	None	
11-28	70	K18	None	

GENERAL SETTINGS:

TIMBER THICKNESS: (mm)	45
TRUSS CENTRES: (mm)	1200
CLIMATE CLASS:	2
SAFETY CLASS:	2

LOADS (N/m²):

SNOW LOAD (BASE VALUE):	1600
WIND LOAD (BASE VALUE):	350

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

GENERAL DIRECTIONS:

THE STRUCTURE HAS BEEN CALCULATED USING COMPUTER PROGRAM "TRUSSCON". LIC.NO: 15323
CODE TIMBER: BKR03 (BFS2005:18)
CODE FASTENER: GODKÄNNANDE-REGLER No 4 1974.

VERSION: 2011 SR3c
TIME: 10.00

WoodCon
TRUSS FRAME CONSTRUCTION

DRAWN CONSTR.BY	CHECKED	JOB NO.
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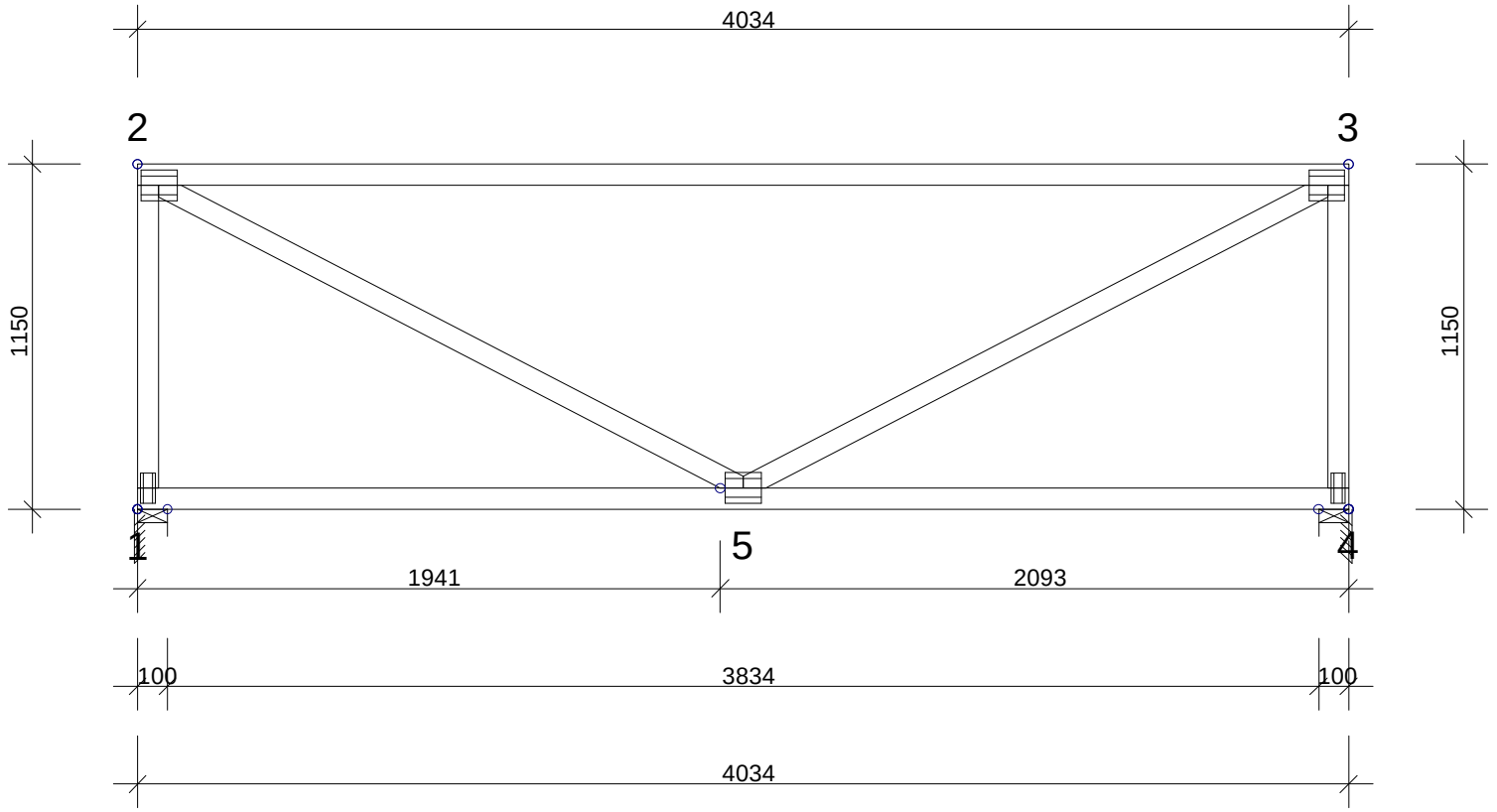
SCALE 1:65

CODE TYPE NO.	DRAWING NUMBER	REG.

VB1 - 8 no. 1-ply Weight: 23 kg/ply

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



TIMBER: THICKNESS 45 mm

CONSTR.-PART	DEPTH mm	GRADE	BRACING mm	LOAD N/m²
1-2	70	K18	None	500
2-3	70	K18	500	
3-4	70	K18	None	500
4-1	70	K18	500	
2-5	70	K18	None	
3-5	70	K18	None	

GENERAL SETTINGS:

TIMBER THICKNESS: (mm)	45
TRUSS CENTRES: (mm)	100
CLIMATE CLASS:	2
SAFETY CLASS:	2

LOADS (N/m²):

SNOW LOAD (BASE VALUE):	0
WIND LOAD (BASE VALUE):	350

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

GENERAL DIRECTIONS:

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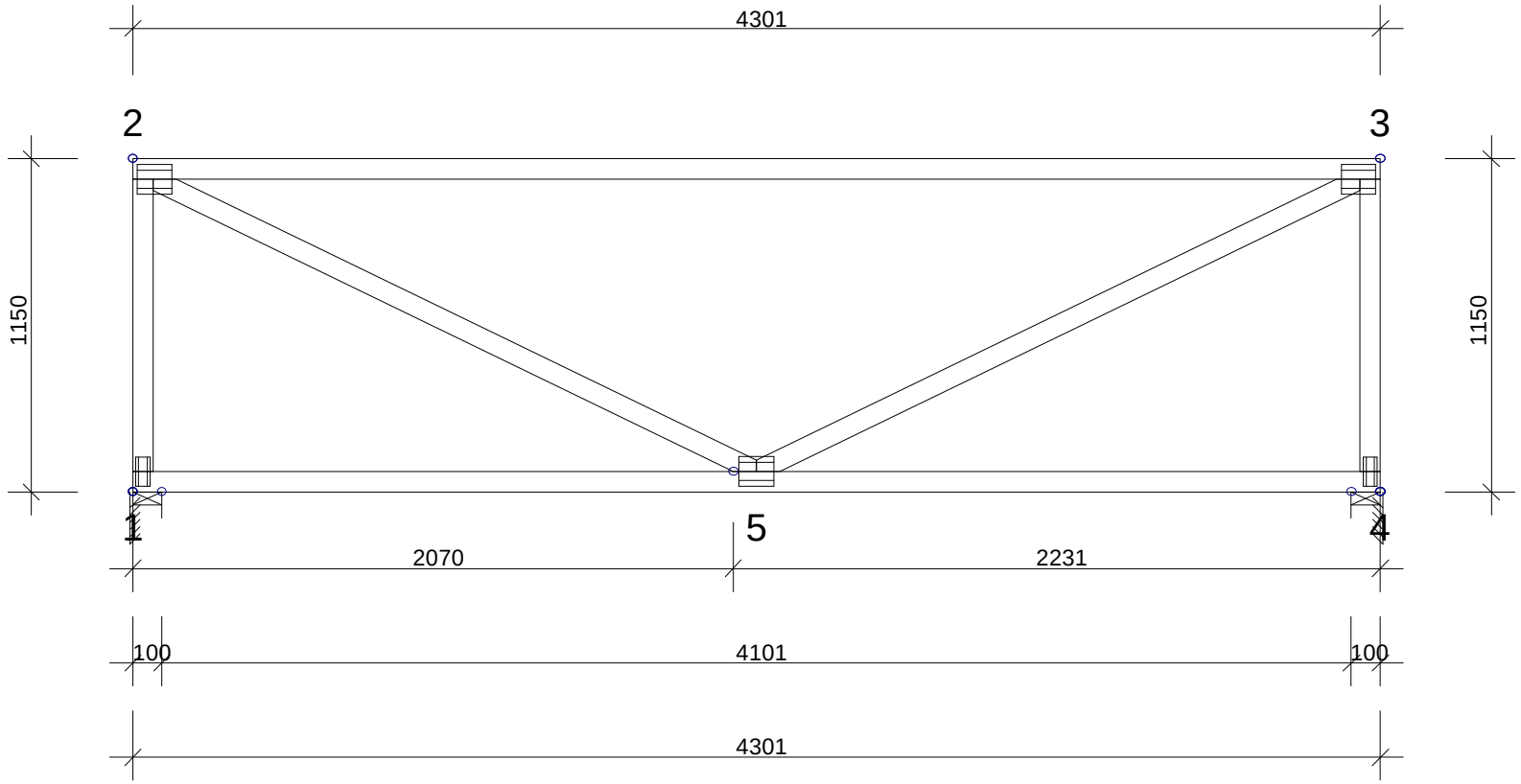
SCALE 1:25

CODE TYPE NO.	DRAWING NUMBER	REG.

VB2 - 8 no. 1-ply Weight: 24 kg/ply

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



TIMBER: THICKNESS 45 mm

CONSTR.-PART	DEPTH mm	GRADE	BRACING mm	LOAD N/m²
1-2	70	K18	None	500
2-3	70	K18	500	
3-4	70	K18	None	500
4-1	70	K18	500	
2-5	70	K18	None	
3-5	70	K18	None	

GENERAL SETTINGS:

TIMBER THICKNESS: (mm)	45
TRUSS CENTRES: (mm)	100
CLIMATE CLASS:	2
SAFETY CLASS:	2

LOADS (N/m²):

SNOW LOAD (BASE VALUE):	0
WIND LOAD (BASE VALUE):	350

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

GENERAL DIRECTIONS:

THE STRUCTURE HAS BEEN CALCULATED USING COMPUTER PROGRAM "TRUSSCON". LIC.NO: 15323
CODE TIMBER: BKR03 (BFS2005:18)
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