

S.K

Designer

04/07/2025 - 08:39 Main engineer

2025.2 (28542df)

45

37

600

1.1

1.5

1500

644

550

350

19

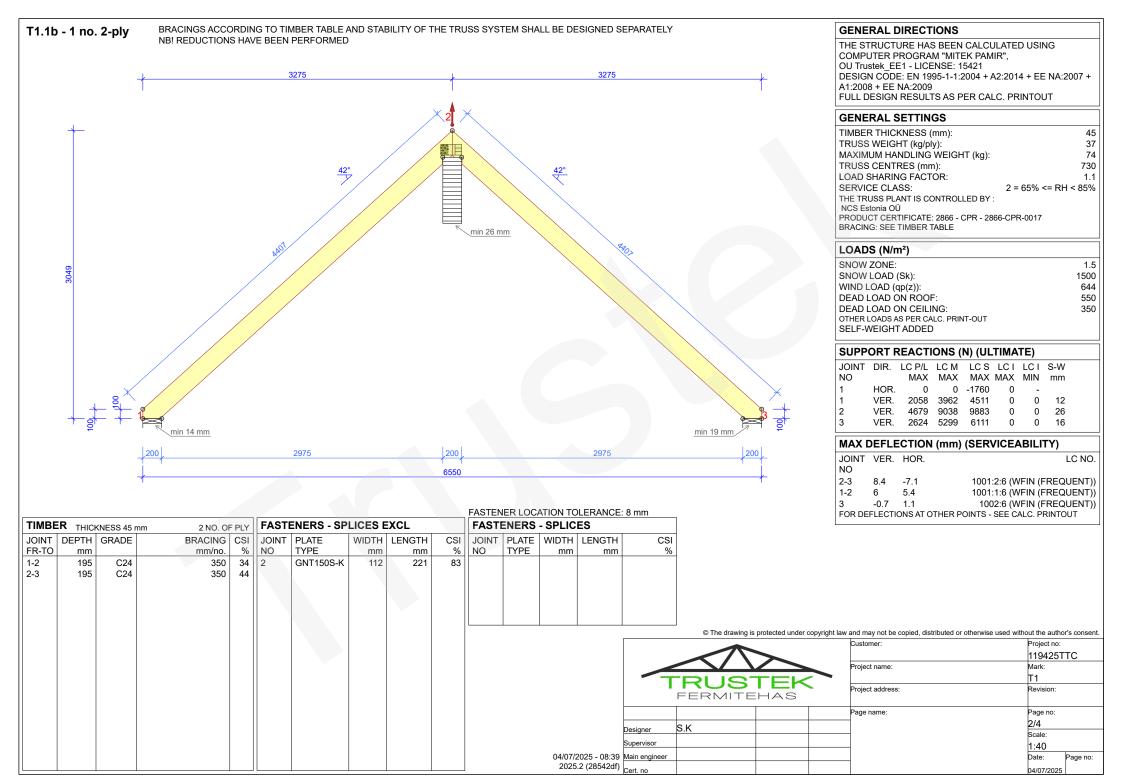
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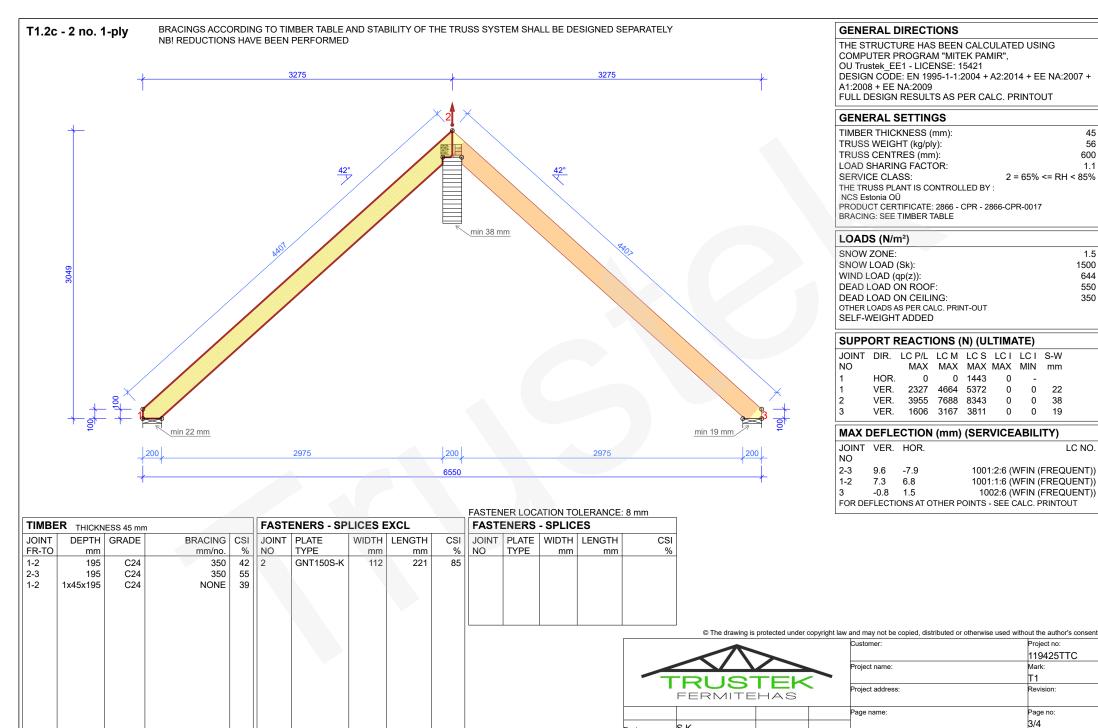
Scale: 1:40

Date:

Page no:

LC NO.





S.K

Designer

04/07/2025 - 08:39 Main engineer

2025.2 (28542df)

45

56

600

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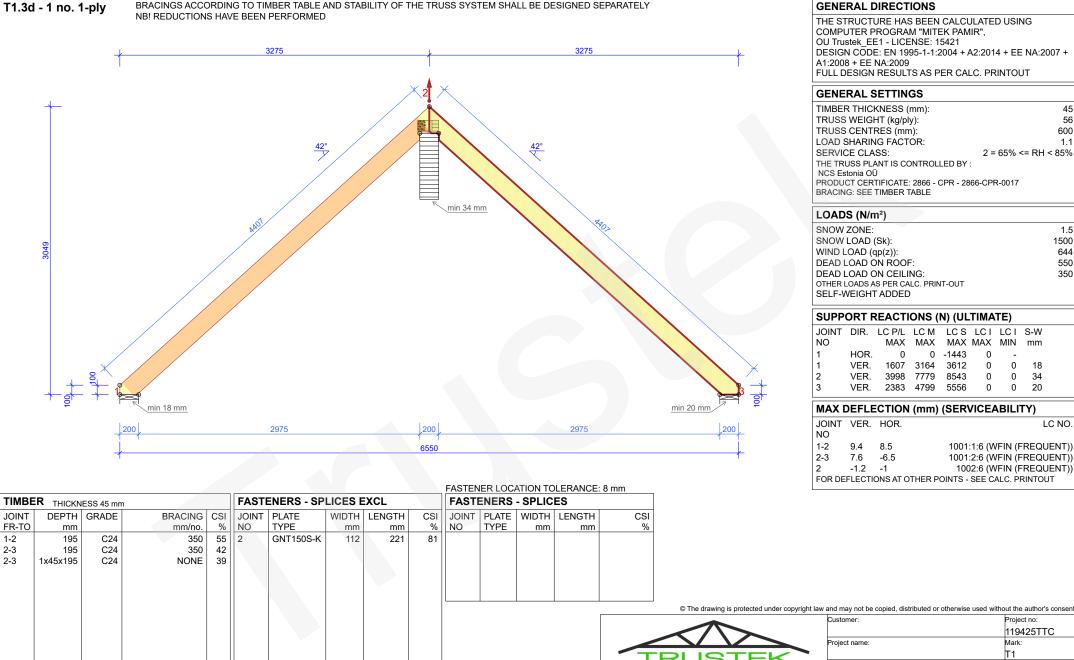
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LC NO.

Scale: 1:40

Date:

Page no:



Designer

04/07/2025 - 08:39 Main engineer

2025.2 (28542df)

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45

56

600

1.1

1.5

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644

550

350

LC NO.

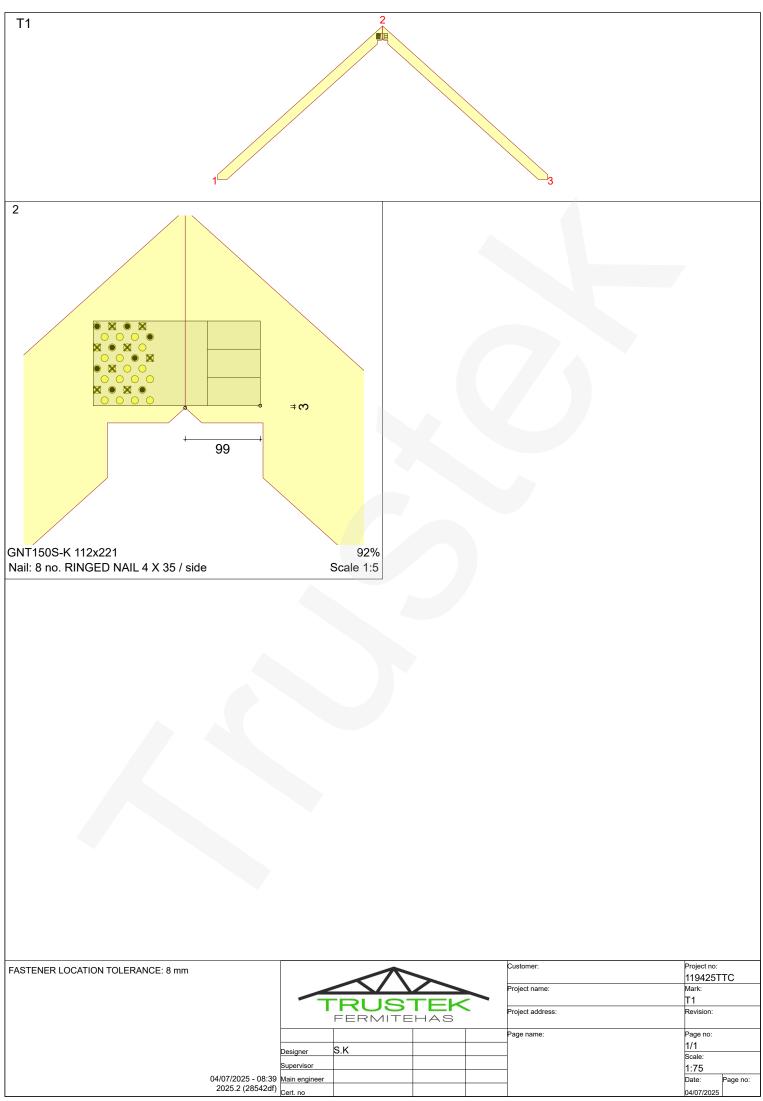
2 = 65% <= RH < 85%

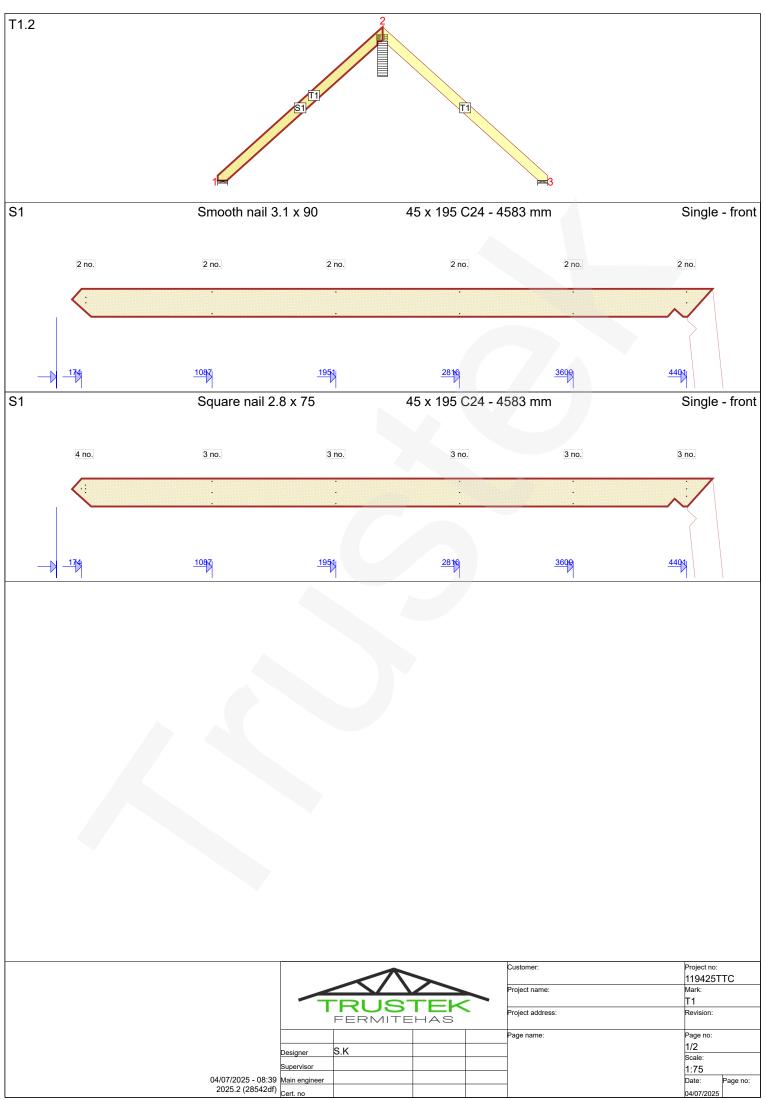
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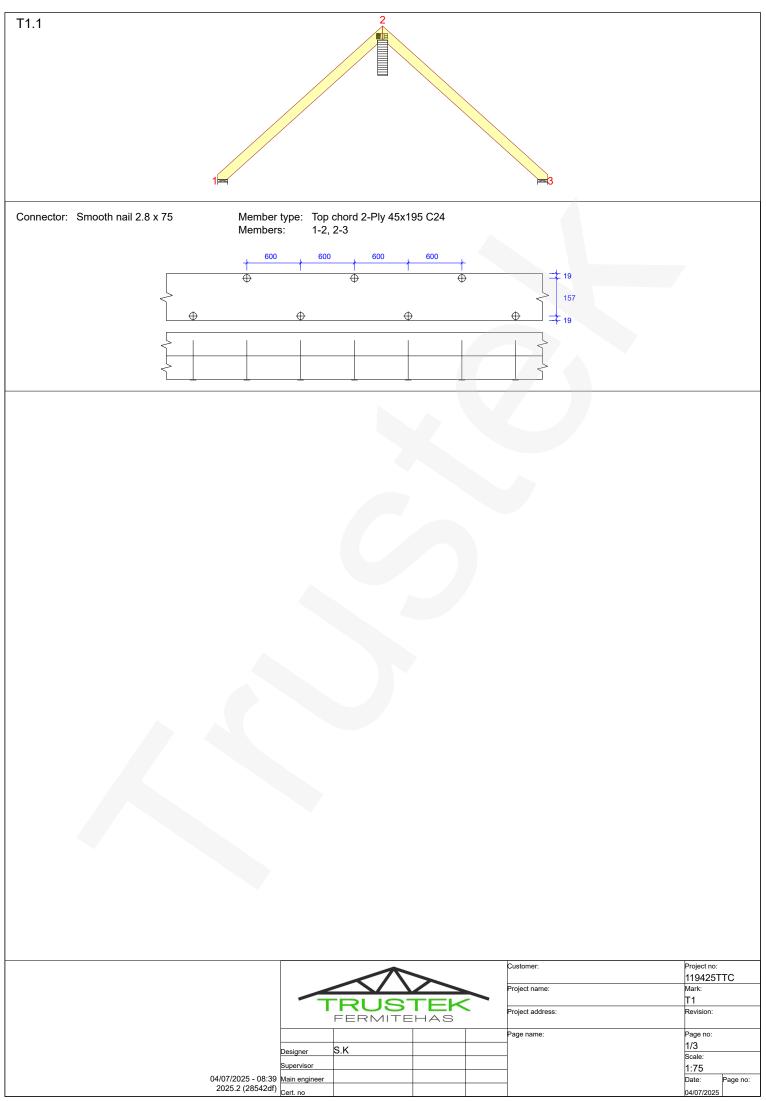
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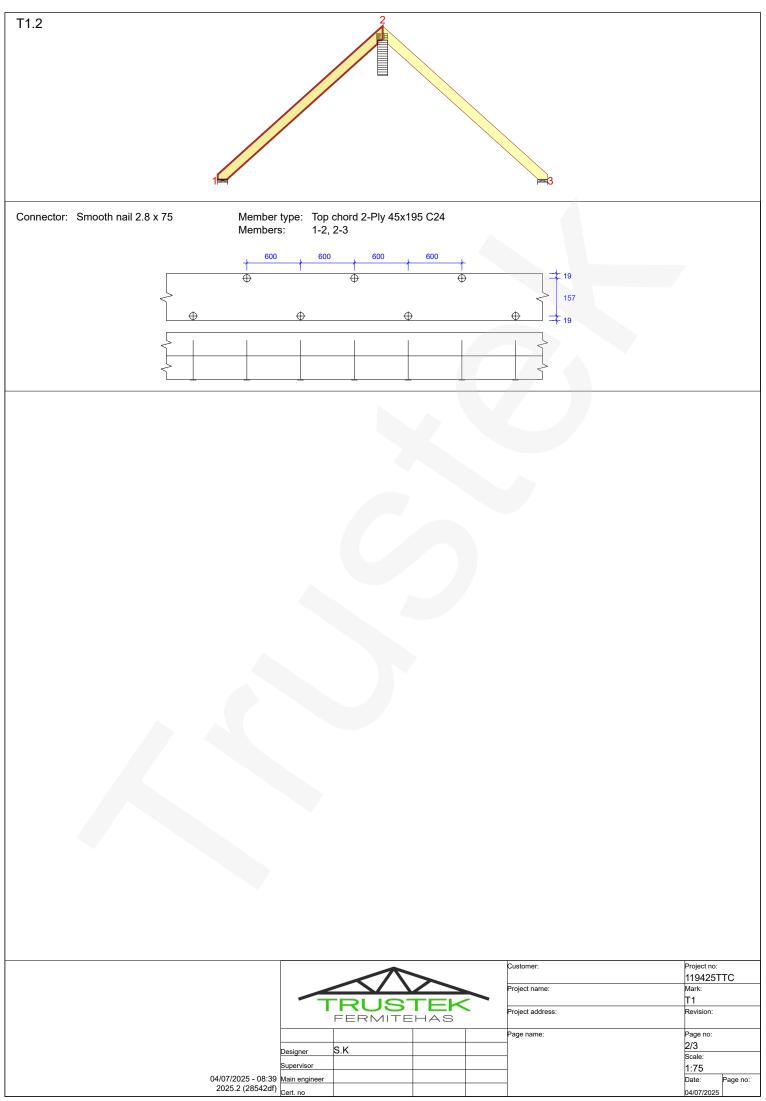
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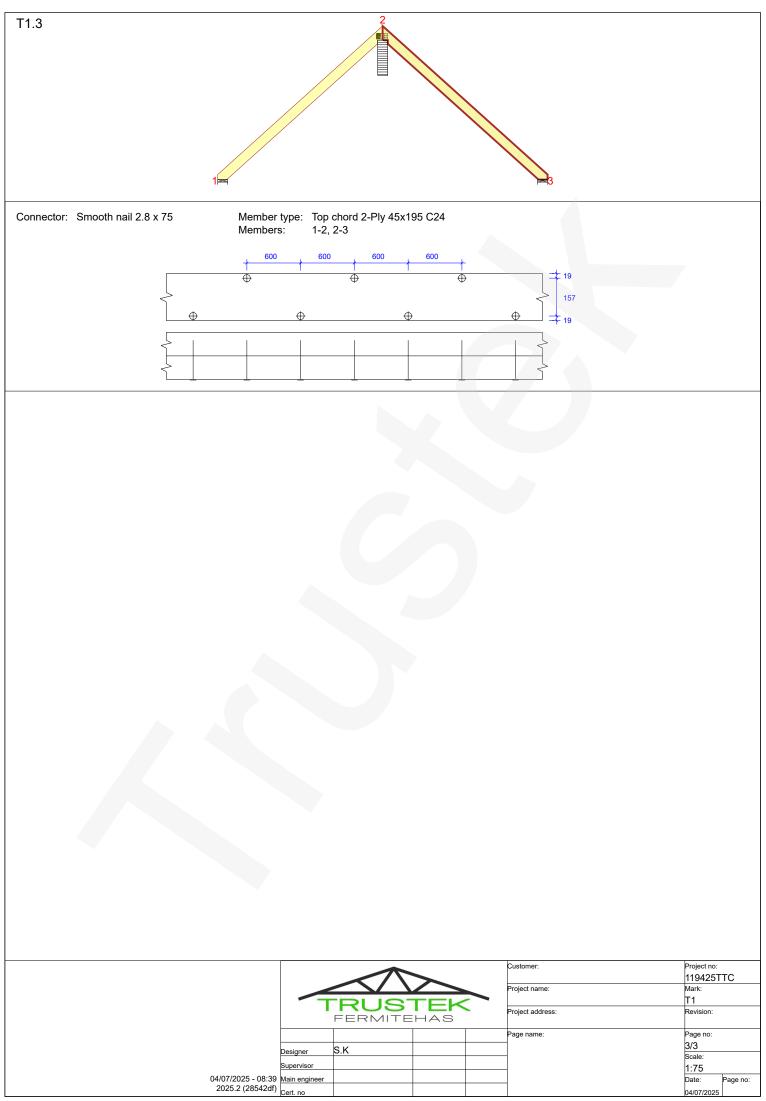


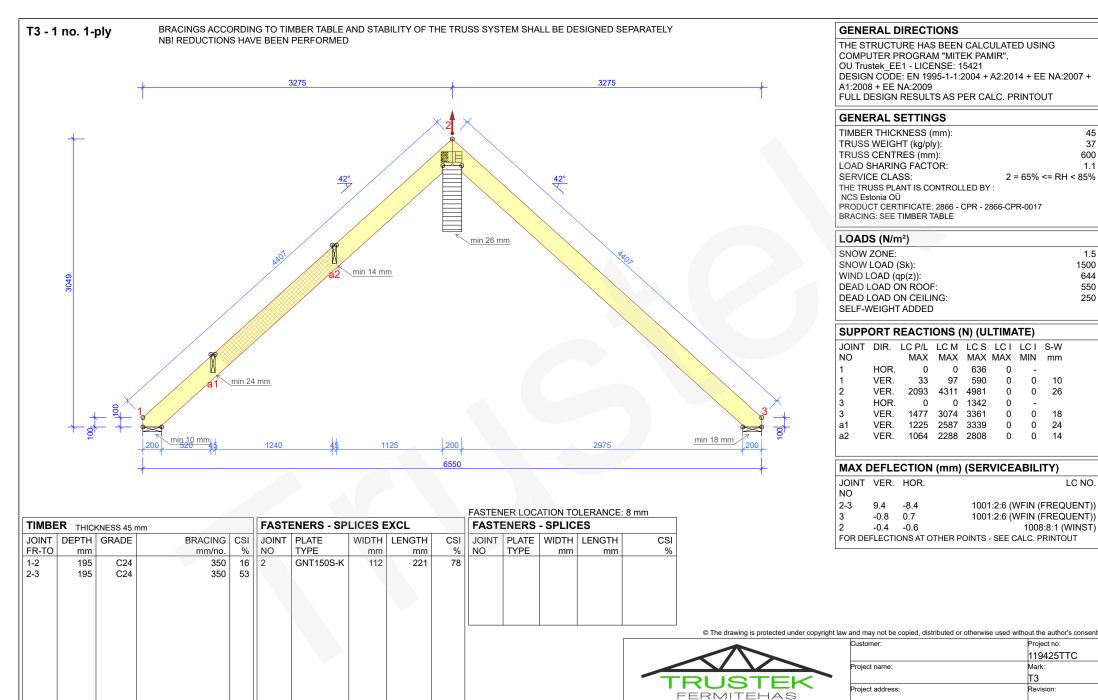












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1.1

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Page no: 1/1

Scale: 1:40

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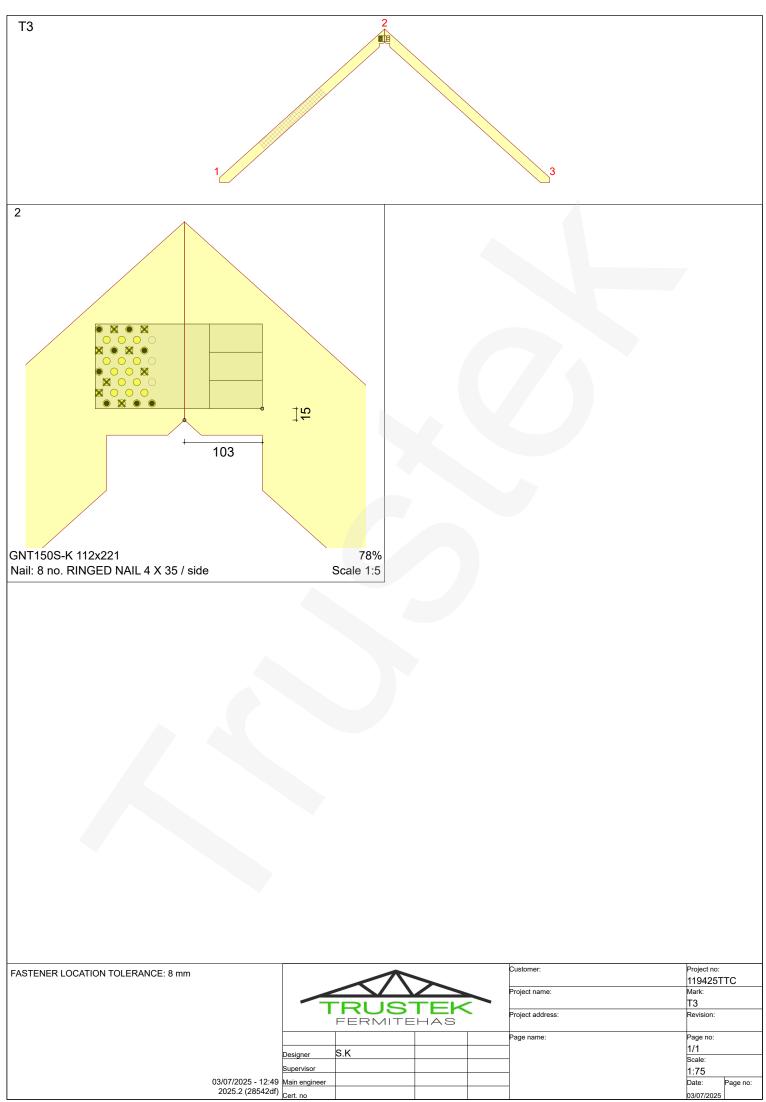
S.K

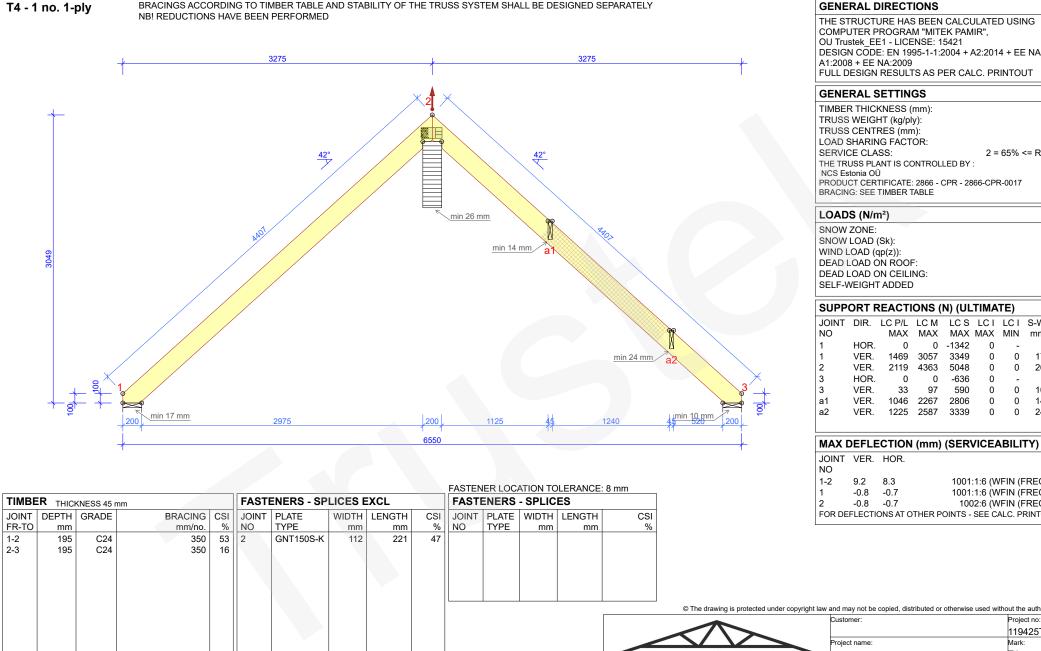
Designer

03/07/2025 - 12:49 Main engineer

2025.2 (28542df)

LC NO.





THE STRUCTURE HAS BEEN CALCULATED USING

DESIGN CODE: EN 1995-1-1:2004 + A2:2014 + EE NA:2007 +

FULL DESIGN RESULTS AS PER CALC. PRINTOUT

45 37 600 1.1

2 = 65% <= RH < 85%

PRODUCT CERTIFICATE: 2866 - CPR - 2866-CPR-0017

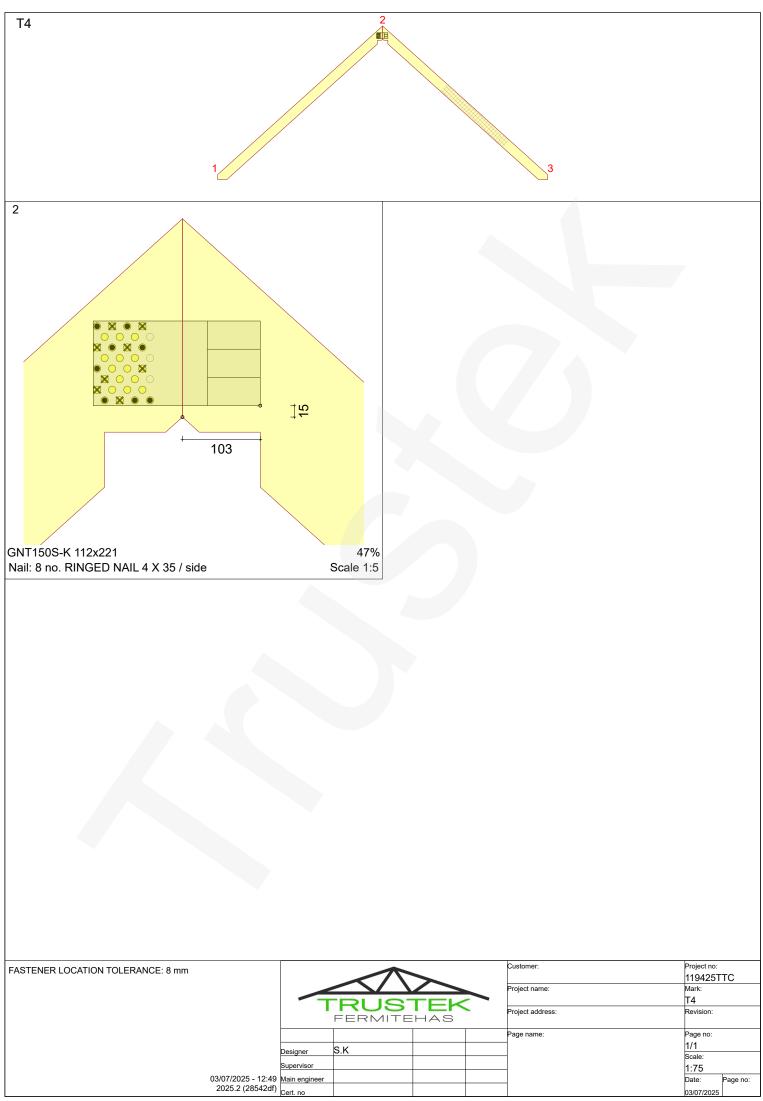
1.5 1500 644 550 250

**SUPPORT REACTIONS (N) (ULTIMATE)** 

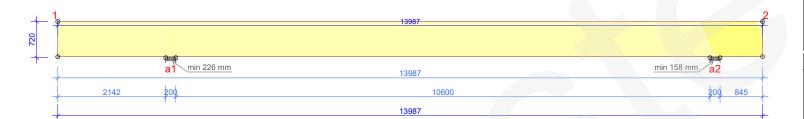
			(	, , -		,		
JOINT	DIR.	LC P/L	LC M	LC S	LC I	LC I	S-W	
NO		MAX	MAX	MAX	MAX	MIN	mm	
1	HOR.	0	0	-1342	0	-		
1	VER.	1469	3057	3349	0	0	17	
2	VER.	2119	4363	5048	0	0	26	
3	HOR.	0	0	-636	0	-		
3	VER.	33	97	590	0	0	10	
a1	VER.	1046	2267	2806	0	0	14	
a2	VER.	1225	2587	3339	0	0	24	

JOINT	VER.	HOR.	LC NO.	
NO				
1-2	9.2	8.3	1001:1:6 (WFIN (FREQUENT))	
1	-0.8	-0.7	1001:1:6 (WFIN (FREQUENT))	
2	-0.8	-0.7	1002:6 (WFIN (FREQUENT))	
FOR DEFLECTIONS AT OTHER POINTS - SEE CALC. PRINTOUT				

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				Customer:	Project no:
					119425TTC
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				Project address:	Revision:
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	Danisman	S.K			1/1
		O.IX			Scale:
	Supervisor				1:40
03/07/2025 - 12:49					Date: Page no:
2025.2 (28542df)	Cert. no				03/07/2025



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



04/07/2025 - 08:39 2025.2 (28542df)

## **GENERAL DIRECTIONS**

THE STRUCTURE HAS BEEN CALCULATED USING COMPUTER PROGRAM "MITEK PAMIR".

OU Trustek EE1 - LICENSE: 15421

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): 200 TRUSS WEIGHT (kg/ply): 940 TRUSS CENTRES (mm): 600 LOAD SHARING FACTOR: 2 = 65% <= RH < 85%

SERVICE CLASS: THE TRUSS PLANT IS CONTROLLED BY:

NCS Estonia OÜ

PRODUCT CERTIFICATE: 2866 - CPR - 2866-CPR-0017

BRACING: SEE TIMBER TABLE

## LOADS (N/m2)

SNOW ZONE: 1.5 SNOW LOAD (Sk): 1500 WIND LOAD (qp(z)): 644 DEAD LOAD ON ROOF: 550 OTHER LOADS AS PER CALC. PRINT-OUT SELF-WEIGHT ADDED

# **SUPPORT REACTIONS (N) (ULTIMATE)**

JOINT DIR. LC P/L LC M LCS LCI LCI S-W NO MAX MAX MAX MAX MIN mm a1 VER. 53553 97087 106046 0 0 226 a2 VER. 41410 75070 81983 0 158

## MAX DEFLECTION (mm) (SERVICEABILITY)

JOINT VER. HOR. LC NO. NO a1-a2 26 0 1002:6 (WFIN (FREQUENT)) a1-1 -13.2 0 1002:6 (WFIN (FREQUENT)) a2-2 -5.1 0 1000:6 (WFIN (FREQUENT)) FOR DEFLECTIONS AT OTHER POINTS - SEE CALC. PRINTOUT

TIMBER THICKNESS 200 mm						
JOINT	DEPTH	GRADE	BRACING	CSI		
FR-TO	mm		mm/no.	%		
1-2	700!	GL28h	NONE	57		

B1 - 1 no.

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				119425TTC
			Project name:	Mark:
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			Page name:	Page no:
D	S.K			1/1
Designer	O.N			Scale:
Supervisor				1:75
Main engineer				Date: Page no:
Cert. no				04/07/2025

ö1a - 1 no.

TIMBER THICKNESS 45 mm

BRACING CSI

1155 20

mm/no.

%

JOINT DEPTH GRADE

mm

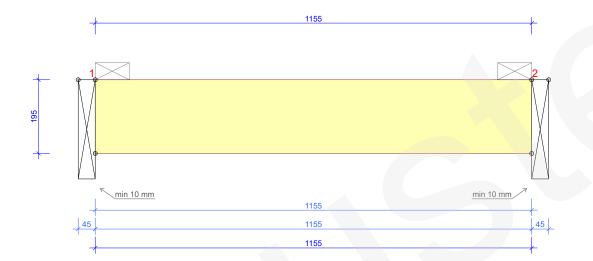
195

C24

FR-TO

1-2

BRACINGS ACCORDING TO TIMBER TABLE AND STABILITY OF THE TRUSS SYSTEM SHALL BE DESIGNED SEPARATELY LONGITUDINAL BRACES MUST BE INSTALLED PRIOR TO STANDING ON HORIZONTAL TOP CHORDS ⋈ INDICATES BRACING



#### **GENERAL DIRECTIONS**

COMPUTER PROGRAM "MITEK PAMIR". OU Trustek EE1 - LICENSE: 15421

THE STRUCTURE HAS BEEN CALCULATED USING

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): TRUSS CENTRES (mm): 600 LOAD SHARING FACTOR: 1.1 SERVICE CLASS: 2 = 65% <= RH < 85%

THE TRUSS PLANT IS CONTROLLED BY:

NCS Estonia OÜ

PRODUCT CERTIFICATE: 2866 - CPR - 2866-CPR-0017

BRACING: SEE TIMBER TABLE

LOADS (N/m2)

SNOW ZONE: 1.5 SNOW LOAD (Sk): 1500 WIND LOAD (qp(z)): 644 DEAD LOAD ON ROOF: 550 DEAD LOAD ON CEILING: 250 OTHER LOADS AS PER CALC. PRINT-OUT

SELF-WEIGHT ADDED

**SUPPORT REACTIONS (N) (ULTIMATE)** 

JOINT DIR. LCP/L LCM LCS LCI LCI S-W NO MAX MAX MAX MIN mm 821 1780 1955 10 VER. 821 1780 1955 0 0

MAX DEFLECTION (mm) (SERVICEABILITY)

JOINT VER. HOR. LC NO. NO 1-2 0.4 1001:1:6 (WFIN (FREQUENT)) 1-2 1000:1 (WINST) 0

FOR DEFLECTIONS AT OTHER POINTS - SEE CALC. PRINTOUT

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S.K

Designer

119425TTC Project name: Mark: ö1 Project address: Revision: Page name: Page no: 1/2

> Scale: 1:10

Date:

03/07/2025

Page no:

03/07/2025 - 12:49 Main engineer 2025.2 (28542df)

ö1b - 1 no.

TIMBER THICKNESS 45 mm

BRACING CSI

1155

mm/no.

%

19

JOINT DEPTH GRADE

mm

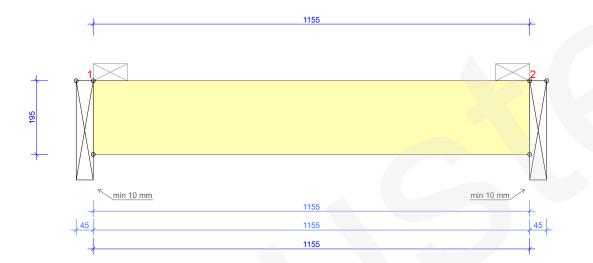
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C24

FR-TO

1-2

BRACINGS ACCORDING TO TIMBER TABLE AND STABILITY OF THE TRUSS SYSTEM SHALL BE DESIGNED SEPARATELY LONGITUDINAL BRACES MUST BE INSTALLED PRIOR TO STANDING ON HORIZONTAL TOP CHORDS ⋈ INDICATES BRACING



#### **GENERAL DIRECTIONS**

COMPUTER PROGRAM "MITEK PAMIR". OU Trustek EE1 - LICENSE: 15421 DESIGN CODE: EN 1995-1-1:2004 + A2:2014 + EE NA:2007 + A1:2008 + EE NA:2009

FULL DESIGN RESULTS AS PER CALC. PRINTOUT

THE STRUCTURE HAS BEEN CALCULATED USING

### **GENERAL SETTINGS**

BRACING: SEE TIMBER TABLE

TIMBER THICKNESS (mm): 45 TRUSS WEIGHT (kg/ply): TRUSS CENTRES (mm): 600 LOAD SHARING FACTOR: 1.1 SERVICE CLASS: 2 = 65% <= RH < 85% THE TRUSS PLANT IS CONTROLLED BY: NCS Estonia OÜ PRODUCT CERTIFICATE: 2866 - CPR - 2866-CPR-0017

## LOADS (N/m2)

SNOW ZONE: 1.5 SNOW LOAD (Sk): 1500 WIND LOAD (qp(z)): 644 DEAD LOAD ON ROOF: 550 DEAD LOAD ON CEILING: 250 OTHER LOADS AS PER CALC. PRINT-OUT SELF-WEIGHT ADDED

## **SUPPORT REACTIONS (N) (ULTIMATE)**

JOINT DIR. LCP/L LCM LCS LCI LCI S-W NO MAX MAX MAX MIN mm 741 1630 1784 10 VER. 741 1630 1784 0 0

# MAX DEFLECTION (mm) (SERVICEABILITY)

JOINT VER. HOR. LC NO. NO 1-2 0.4 1001:1:6 (WFIN (FREQUENT)) 1-2 1000:1 (WINST) 0 FOR DEFLECTIONS AT OTHER POINTS - SEE CALC. PRINTOUT

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119425TTC Project name: Mark: ö1 Project address: Revision: Page name: Page no: 2/2 Scale: 1:10

Date:

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2025.2 (28542df)

03/07/2025 - 12:49 Main engineer

ö2a - 1 no.

TIMBER THICKNESS 45 mm

BRACING CSI

1234 21

mm/no.

%

JOINT DEPTH GRADE

mm

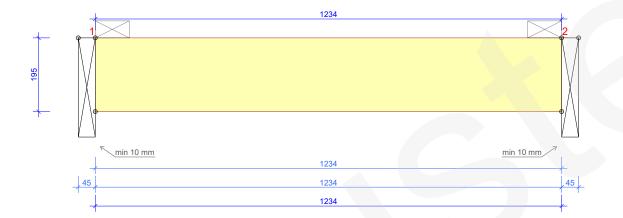
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C24

FR-TO

1-2

BRACINGS ACCORDING TO TIMBER TABLE AND STABILITY OF THE TRUSS SYSTEM SHALL BE DESIGNED SEPARATELY LONGITUDINAL BRACES MUST BE INSTALLED PRIOR TO STANDING ON HORIZONTAL TOP CHORDS 
☑ INDICATES BRACING



#### **GENERAL DIRECTIONS**

COMPUTER PROGRAM "MITEK PAMIR", OU Trustek\_EE1 - LICENSE: 15421 DESIGN CODE: EN 1995-1-1:2004 + A2:2014 + EE NA:2007 +

A1:2008 + EE NA:2009 FULL DESIGN RESULTS AS PER CALC. PRINTOUT

THE STRUCTURE HAS BEEN CALCULATED USING

#### **GENERAL SETTINGS**

BRACING: SEE TIMBER TABLE

TIMBER THICKNESS (mm): 45
TRUSS WEIGHT (kg/ply): 6
TRUSS CENTRES (mm): 600
LOAD SHARING FACTOR: 1.1
SERVICE CLASS: 2 = 65% <= RH < 85%
THE TRUSS PLANT IS CONTROLLED BY:
NCS Estonia 00
PRODUCT CERTIFICATE: 2866 - CPR - 2866-CPR-0017

## LOADS (N/m2)

## SUPPORT REACTIONS (N) (ULTIMATE)

 JOINT
 DIR.
 LC P/L
 LC M
 LC S
 LC I
 LC I
 S-W

 NO
 MAX
 MAX
 MAX
 MAX
 MIN
 mm

 1
 VER.
 879
 1905
 2099
 0
 0
 10

 2
 VER.
 818
 1789
 1924
 0
 0
 10

## MAX DEFLECTION (mm) (SERVICEABILITY)

 JOINT
 VER.
 HOR.
 LC NO.

 NO
 1-2
 0.5
 0
 1001:1:6 (WFIN (FREQUENT))

 1-2
 0
 0
 1000:1 (WINST)

 FOR DEFLECTIONS AT OTHER POINTS - SEE CALC. PRINTOUT

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Scale: 1:10

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03/07/2025 - 12:49 Main engineer 2025.2 (28542df) ö2b - 1 no.

TIMBER THICKNESS 45 mm

BRACING CSI

1234 21

mm/no.

%

JOINT DEPTH GRADE

mm

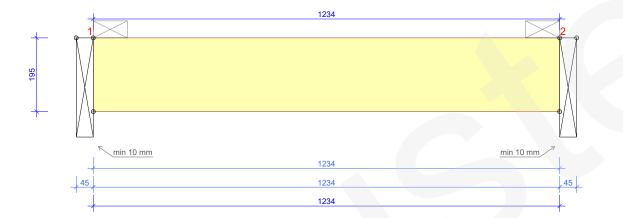
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C24

FR-TO

1-2

BRACINGS ACCORDING TO TIMBER TABLE AND STABILITY OF THE TRUSS SYSTEM SHALL BE DESIGNED SEPARATELY LONGITUDINAL BRACES MUST BE INSTALLED PRIOR TO STANDING ON HORIZONTAL TOP CHORDS ⋈ INDICATES BRACING



#### **GENERAL DIRECTIONS**

COMPUTER PROGRAM "MITEK PAMIR". OU Trustek EE1 - LICENSE: 15421 DESIGN CODE: EN 1995-1-1:2004 + A2:2014 + EE NA:2007 +

A1:2008 + EE NA:2009 FULL DESIGN RESULTS AS PER CALC. PRINTOUT

THE STRUCTURE HAS BEEN CALCULATED USING

#### **GENERAL SETTINGS**

BRACING: SEE TIMBER TABLE

TIMBER THICKNESS (mm): 45 TRUSS WEIGHT (kg/ply): 6 TRUSS CENTRES (mm): 600 LOAD SHARING FACTOR: 1.1 SERVICE CLASS: 2 = 65% <= RH < 85% THE TRUSS PLANT IS CONTROLLED BY: NCS Estonia OÜ PRODUCT CERTIFICATE: 2866 - CPR - 2866-CPR-0017

## LOADS (N/m2)

SNOW ZONE: 1.5 SNOW LOAD (Sk): 1500 WIND LOAD (qp(z)): 644 DEAD LOAD ON ROOF: 550 DEAD LOAD ON CEILING: 250 OTHER LOADS AS PER CALC. PRINT-OUT SELF-WEIGHT ADDED

## **SUPPORT REACTIONS (N) (ULTIMATE)**

JOINT DIR. LCP/L LCM LCS LCI LCI S-W NO MAX MAX MAX MIN mm 783 1733 1904 10 VER. 735 1641 1779 0 0

# MAX DEFLECTION (mm) (SERVICEABILITY)

JOINT VER. HOR. LC NO. NO 1-2 0.4 1001:1:6 (WFIN (FREQUENT)) 1-2 1000:1 (WINST) 0 FOR DEFLECTIONS AT OTHER POINTS - SEE CALC. PRINTOUT

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03/07/2025 - 12:49 Main engineer 2025.2 (28542df)