

LOADING (psf)	SPACING	CSL	DEFLL	PLATES	GRIP
TCLL 40.0 (Ground Snow=52.0)	2'-0-0 Plate Grip DOL 1.15	TC 0.25	in (loc) n/a Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	MT20	197/144
TCDL 7.0	Lumber DOL 1.15	BC 0.09	U/defl n/a L/d n/a		
BCLL 0.0	Rep Stress Incr YES	WB 0.11	Q n/a		
BCDL 8.0	Code IBC2015/TP12014	Matrix-S			

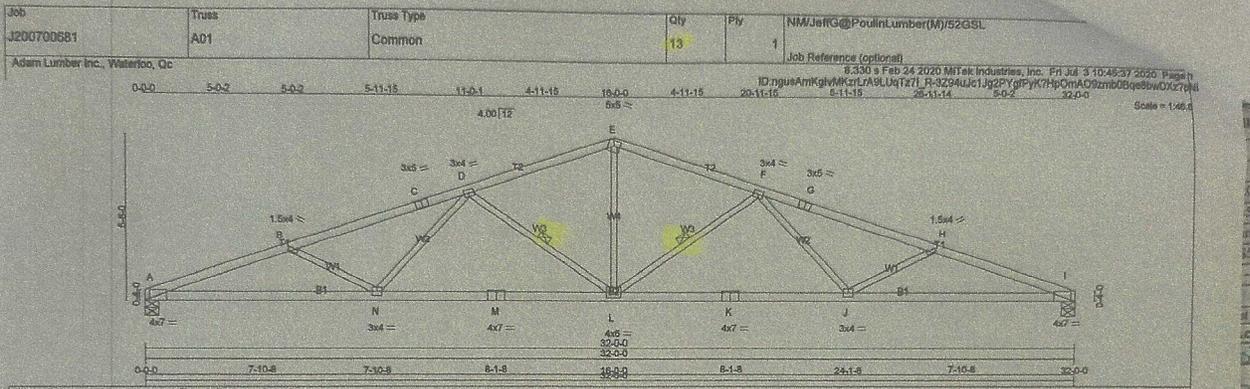
LUMBER-
 TOP CHORD 2x4 SPF No.2
 BOT CHORD 2x4 SPF No.2
 OTHERS 2x4 SPF No.2

BRACING-
 TOP CHORD Structural wood sheathing directly applied or 6'-0-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10'-0-0 oc bracing.

REACTIONS. All bearings 32'-0-0.
 (lb) - Max. Horiz A=70(LC 15)
 Max Uplift All uplift 100 lb or less at joint(s) A, Q, Y, Z, AA, AB, AC, AD, W, V, U, T, S, R
 Max Grav. All reactions 250 lb or less at joint(s) A, Q, X, AC, S except Y=314(LC 16), Z=293(LC 16), AA=284(LC 16), AB=254(LC 16), AD=451(LC 16), W=314(LC 17), V=293(LC 17), U=284(LC 17), T=254(LC 17), R=451(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS H-Y=262/52, G-Z=261/51, F-AA=255/49, B-AD=367/66, J-N=262/52, K-V=261/51, L-U=255/49, P-R=367/66

- NOTES-**
- 1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=81mph; TCDL=4.2psf; BCDL=4.6psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
 - 2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSITPI 1.
 - 3) TOLL: ASCE 7-10; P_g=52.0 psf (ground snow); P_f=40.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.10
 - 4) Unbalanced snow loads have been considered for this design.
 - 5) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
 - 6) All plates are 1.5x4 MT20 unless otherwise indicated.
 - 7) Gable requires continuous bottom chord bearing.
 - 8) Gable studs spaced at 2'-0-0 oc.
 - 9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 10) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3'-6-0 tall by 2'-0-0 wide will fit between the bottom chord and any other members.
 - 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) A, Q, Y, Z, AA, AB, AC, AD, W, V, U, T, S, R.
 - 12) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSITPI 1.



LOADING (psf)	SPACING	CSL	DEFLL	PLATES	GRIP
TCLL 40.0 (Ground Snow=52.0)	2'-0-0 Plate Grip DOL 1.15	TC 0.88	in (loc) n/a Vert(LL) -0.40 Vert(CT) -0.50 Horz(CT) 0.16	MT20	197/144
TCDL 7.0	Lumber DOL 1.15	BC 0.93	L-N >938 L-N >643		
BCLL 0.0	Rep Stress Incr YES	WB 0.47	I n/a		
BCDL 8.0	Code IBC2015/TP12014	Matrix-S			

LUMBER-
 TOP CHORD 2x4 SPF No.2
 BOT CHORD 2x4 SPF 2100F 1.8E "Except"
 OTHERS 2x4 SPF No.2

BRACING-
 TOP CHORD Structural wood sheathing directly applied.
 BOT CHORD Rigid ceiling directly applied or 2'-0-0 oc bracing.
 WEBS 1 Row at mdpt D-L, F-L

REACTIONS. (lb/size) A=1736/0-5-8, I=1736/0-5-8
 Max Horiz A=70(LC 15)
 Max Uplift A=151(LC 6), I=151(LC 7)

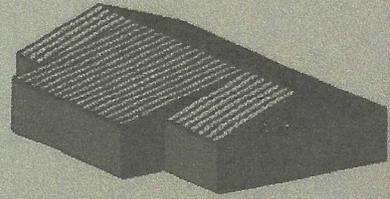
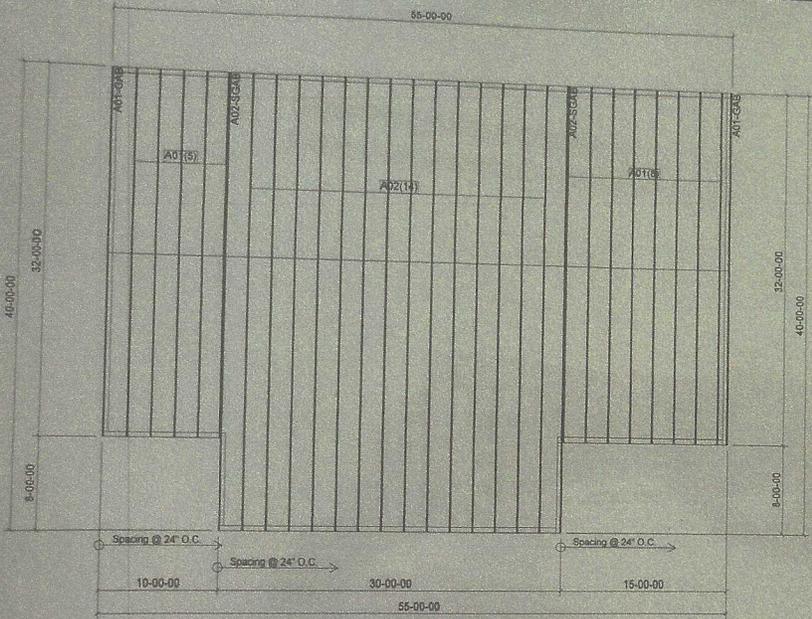
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD A-B=4530/423, B-D=4012/313, C-O=3890/316, C-D=3847/321, D-E=2811/238, E-F=2811/238, F-G=3847/321, G-P=3890/316, H-P=4012/313, H-I=4530/423
 BOT CHORD A-N=422/424, M-N=268/3384, L-M=268/3384, K-L=217/3384, J-K=217/3384, I-J=370/4224
 WEBS E-L=741/326, D-L=4120/180, D-N=1528, B-N=575/176, F-L=1210/180, F-J=1528, H-J=575/176

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- 1) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=81mph; TCDL=4.2psf; BCDL=4.6psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
 - 2) TOLL: ASCE 7-10; P_g=52.0 psf (ground snow); P_f=40.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.10
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
 - 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3'-6-0 tall by 2'-0-0 wide will fit between the bottom chord and any other members.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 151 lb uplift at joint A and 151 lb uplift at joint I.
 - 8) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSITPI 1.

LOAD CASE(S) Standard

Derby, VT
802-766-4971

at HOME



Adam Lumber inc.
50, rue Allen c.p. 20
Waterloo, Qc
J0E 2N0
Tel. (450) 539-1858
1-800-353-1858
Fax. (450) 539-2585

DESIGNED	DATE

CLIENT / CUSTOMER
Poulin Lumber (Milton)

PROJECT
Lindsay Baden

DATE	July 3 2020	FILE NUMBER	J200700681
TYPE	Roof	SCALE	Not to Scale

Mayor: Tim Smith
Ward 1: Timothy Hawkins
Ward 2: James Pelkey
Ward 3: Marie Bessette
Ward 4: Michael McCarthy



Ward 5: Kate Laddison
Ward 6: Chad Spooner
Clerk/Treasurer: Curry Galloway
City Manager: Dominic Cloud

PERMIT LETTER

Permit Date: 07/31/2020

Parcel Number: 22049316

Parcel Owner: BADEN
LINDSAY

Parcel Address: 316 LAKE ST St Albans City, VT 05478

Permit Number: B20-000081

**Permit
Type:** Renovation/Addition

Project Summary: new roof

Decision: Issued

Conditions:

The application and submittals for the above referenced project have been reviewed and

1. the permit is **APPROVED. This approval applies only to the information listed on the drawings and specifications that have been submitted.**

2. The Permit Placard shall be displayed on the subject premises and be clearly visible from a public way. Notice shall be displayed at the time of application and shall not be removed until after the appeals expiration date or until the project is completed, whichever is longer

3. In addition to periodic inspections, a final inspection may be required.

4. This project shall adhere to all Land Development Regulations.
 - a. none

5. This project shall adhere to all Board Conditions.
 - a. none

This permit does not satisfy the requirements of the state. You must contact the state permitting specialist to determine those requirements.

This permit expires after 07/31/2021 unless commencement of the project has begun and remained continuous. If you have any questions or if I can be of further assistance, please contact me at 802-524-1500 ext *262 or d.southwick@stalbansvt.com.

July 31, 2020
Date

Property Services



PERMIT NO: B20-000081

City of St. Albans
Certificate of Posting

The municipality shall fulfill all posting requirements listed below, while the applicant shall be responsible for all of the following postings, as part of the permit application requirements:

Posting of Notice of Permit (24 V.S.A. § 4449 and Section 905 of the City of St. Albans Zoning Bylaws)

- The applicant shall post the notice of permit, on the form prescribed by the town, within view from the public right of way most nearly adjacent to the subject property, until time for appeal has passed.

Date of Posting: July 31, 2020

Location: 316 LAKE ST, St Albans City, VT 05478

CERTIFICATION:

I, the undersigned, attest that I have completed the posting and notice requirements listed above, and fully understand and assume all responsibility, as part of my permit / permit application requirements, to properly post and maintain this notice for the required time period. Failure to do so may void my permit.


Applicants' Signature

7/31/20
Date

PUBLIC NOTICE

PER CITY OF ST. ALBANS LAND DEVELOPMENT REGULATIONS

Address: 316 LAKE ST, St Albans City, VT 05478

Applicant: BADEN LINDSAY

Project Description: new roof

Permit / Approval

Type: B20-000081

Date Issued: July 31, 2020

Appeal by: August 15, 2020

 Public Hearing Notice

Date / Time: _____

Place: _____

Purpose: _____

FOR MORE INFORMATION, CONTACT:

PLANNING & PERMITTING ADMINISTRATOR, CITY OF ST. ALBANS PO BOX
867,

100 NO. MAIN ST., ST. ALBANS, VT 05478, PHONE: 802-524-1500 X *262

EMAIL: INFO@STALBANSVT.COM

WEB: WWW.STALBANSVT.COM/PLANNING

Applicant: This notice shall be displayed on the subject premises and be clearly visible from the public way. Notice shall be displayed at the time of application and shall not be removed until after the appeals expiration date.


ADMINISTRATIVE OFFICIAL

