

CITY OF SACRAMENTO
1231 I Street, Sacramento, CA 95814

Permit No: 0208363

Insp Area: 3

Thos Bros:

Sub-Type: NSFR

Site Address: 5975 LEMON PARK WY SAC

Parcel No: 038-0011-065

LEMON HILL ESTATES LOT 31

Housing (Y/N): N

CONTRACTOR

NIKOLAY FEITSER
1220 MELODY LANE STE 110
ROSEVILLE CA 95678

OWNER

ARCHITECT

Nature of Work: MP 1020 1 STORY 6 ROOM SFR

CONSTRUCTION LENDING AGENCY : I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).

Lender's Name _____ Lender's Address _____

LICENSED CONTRACTORS DECLARATION: I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License Class B License Number 686873 Date 7-2-02 Contractor Signature *Nikolay Feitser*

OWNER-BUILDER DECLARATION: I hereby affirm under penalty of perjury that I am exempt from the contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code; any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law (Chapter 9 (commencing with Section 7000) of Division 8 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500.00);

____ I, as a owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professional Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his/her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he/she did not build or improve for the purpose of sale.)

____ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law).

____ I am exempt under Sec. _____ B & PC for this reason: _____

Date _____ Owner Signature _____

IN ISSUING THIS BUILDING PERMIT, the applicant represents, and the city relies on the representation of the applicant, that the applicant verified all measurements and locations shown on the application or accompanying drawings and that the improvement to be constructed does not violate any law or private agreement relating to permissible or prohibited locations for such improvements. This building permit does not authorize any illegal location of any improvement or the violation of any private agreement relating to location of improvements.

I certify that I have read this application and state that all information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction and hereby authorize representative(s) of this city to enter upon the abovementioned property for inspection purposes.

Date 7-2-02 Applicant/Agent Signature *Nikolay Feitser*

WORKER'S COMPENSATION DECLARATION: I hereby affirm under penalty of perjury one of the following declarations:
____ I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of work for which the permit is issued.

____ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier STATE FUND Policy Number 713 0006747

(This section need not be completed if the permit is for \$100 or less) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date 7-2-02 Applicant Signature *Nikolay Feitser*

WARNING: FAILURE TO SECURE WORKER'S COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000) IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST AND ATTORNEY'S FEE.

THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT COMMENCED WITHIN 180 DAYS.

PAID
CITY OF SACRAMENTO
JUL 02 2002
NORTH PERMIT
CENTER
EXP 01/01/2003

RESIDENTIAL SUBDIVISION BUILDING PERMIT APPLICATION

Project Address: 5975 Lemon Park Way Assessor Parcel # 038-0011-065
Lot Number: 31 Subdivision LEMON HILL ESTATES

OWNER INFORMATION:

Legal Property Owner: Nikolay Feitser Phone# 916-784-3006
Owner Address: 1220 Melody Lane #110 City Roseville State CA Zip 95678

CONTRACTOR INFORMATION:

Contractor: Nikolay Feitser Lic. # 686873 Phone # 784-3006 Fax 784-3012

PROJECT INFORMATION:

Land Use Zone R1A Occupancy Group R3 Construction Type VN Fed Code 1A
 No. of Stories: 1 No. of Rooms: 5 Street Width: 30'
 1st Floor Area 1020 2nd Floor Area _____ Basement _____ Roof Material _____

AREA IN SQUARE FOOT OF:

Dwelling/Living	<u>1020</u>
Garage/Storage	<u>385</u>
Porch Decks/Balconies	<u>24</u>
Carports	<u>0</u>

SCOPE OF WORK: MP# 1020 New SFD

FOR OFFICE USE ONLY

- Information Above Complete
- Violation Files Checked
- Standard Setbacks
- County Sewer
- AR Flood Waiver Required
- Flood Elevation Certificate Required
- Water Development Infill Area
- Planning Approval
- Design Review Approval
- Special Fee Districts Apply:

~THE FOLLOWING MUST BE PROVIDED IN ORDER TO SUBMIT FOR PERMIT~

- 2 COMPLETE PLOT PLANS, LEGIBLE & DRAWN TO SCALE
- 11 X 17 COPY OF FLOOR PLAN WITH FOLLOWING INFORMATION
 - a) Assessor's Parcel Number
 - b) New Floor Area
 - c) Owners Name
 - d) Project Address

Date: _____ Received by: (staff) _____ Permit # _____

KAT Construction

ABC INSULATION & SUPPLY CO.
11386 AMALGAM WAY
RANCHO CORDOVA, CA 95670
Phone (916) 635-7171
Fax (916) 635-7717
State License No. 369263

THIS IS TO CERTIFY THAT INSULATION HAS BEEN INSTALLED IN CONFORMANCE WITH CURRENT ENERGY REGULATIONS, CALIFORNIA ADMINISTRATIVE CODE, TITLE 24, STATE OF CALIFORNIA, IN THE BUILDING LOCATED AT:

_____ LOT# 31 TRACT Lemon Hill

STREET 5975 Lemon Park Way CITY Sacramento

EXTERIOR WALLS:

Manufacturer Certainteed Thickness 3 $\frac{1}{2}$ " R Value 13

CEILING:

Batts Manufacturer Certainteed Thickness 12" R Value 38

Blown In Manufacturer Greenfiber Thickness 10.3" R Value 38

Square footage covered 810

Garage ceiling - 14/16" g space above
Manufacturer _____ Thickness _____ R Value _____

FLOORS:

Manufacturer N/A Thickness _____ R Value _____

POLYSEAL/CAULK PER TITLE 24: Yes

GENERAL CONTRACTOR _____

CALIFORNIA CONTRACTORS LICENSE# _____ DATE _____

SIGNATURE _____ TITLE _____

INSULATION CONTRACTOR ABC INSULATION & SUPPLY CO. DATE 10-25-02

Andrew Seibert OFF. Mgr. _____
SIGNATURE _____ TITLE _____

COUNTY SANITATION DISTRICT NO. 1
 SACRAMENTO REGIONAL COUNTY SANITATION DISTRICT
SEWER IMPACT FEE
 PERMIT AND CALCULATION

7/12/02
 City

Paid thru
 SUD 2002-00475

APPLICATION NO. _____ BLDG PERMIT NO. _____

GENERAL INFORMATION THIS PERMIT GOOD ONLY WHEN VALIDATED BY THE CASHIER

THIS PERMIT TO CONNECT EXPIRES ONE YEAR FROM DATE OF ISSUANCE

FEE CALCULATION

BUILDING USE

INSPECTION	RESIDENTIAL	SF	MF	LI
CSD-1		3807		
SRCSD		23007		
CONSTRUCTION				
IN-LIEU				
TOTAL FEE				26807

APN: 038-0011-065

DESCRIPTION/SUBDIVISION: Leona Hill 31

PROPERTY ADDRESS: 5975 Aurora Park Way

OWNER: Nicholas Fritzel

MAILING ADDRESS: 2330 Alameda dr. #10

CITY-STATE-ZIP: Roseville CA 95678 PHONE: 916-444-3026

ADDITIONAL FEES MAY BE DUE IF CHANGES IN USE INCREASE SEWER IMPACT

APPLICANT SIGNATURE

Nicholas Fritzel

CONSOLIDATED UTILITY BILLING USE ONLY

ACCT _____ INPUT _____ START _____

Certification of Compliance

School District Development Fees

Part I—To be completed by APPLICANT

Owner's name _____
 Owners's address _____
 Project address _____
 Parcel number _____ Lot no. _____
 Subdivision name _____ No. of units _____
 Applicants signature _____ Title _____
 Phone no. _____ Date _____

NOTICE TO APPLICANT: Pursuant to government code section 66020(d), this will serve to notify you that the 90-day approval period in which you may protest the fees or other payment identified above will begin to run on the date in which the building or installation permit for this project is issued or on which they are paid to the district(s) or to another public entity authorized to collect them on behalf of the district(s), whichever is earlier.

Part II—To be completed by BUILDING DEPARTMENT

Plan identification number _____
 Building type (check one)
 Residential Apartment/condominium Commercial/industrial
 Square feet of chargeable building area _____
 Signature/title _____ Date _____

Part III—To be completed by SCHOOL DISTRICT

School district _____ Cert. no. _____
 Exempt—Comments _____
 Residential/apartment/etc. _____ Square ft. X \$ _____ = \$ _____
 Commercial/industrial _____ Square ft. X \$ _____ = \$ _____
 Total fees collected = \$ 1754.40

This certification covers only the amount of square footage indicated above. Any additions or corrections to the square footage for this project will require an amendment to the Certificate of Compliance.

As the authorized school district official, I hereby certify that the requirements of government code section 65995 and any other authorized requirements have been complied with by the above signed applicant.

Signature _____ Date _____

White & Canary-School District • Pink-Building Department • Goldenrod-Applicant

Matt Parisek, P.E.

1881 Calaveras Drive, El Dorado Hills, CA 95762

ph (916) 939-3525 fax (916) 939-3547 e-mail mparisek@pacbell.net

Structural engineering and design services

California Registered Civil Engineer C 52996

Date: September 14, 2002

To: Sam Tikhonin
Feitser Construction
1220 Melody Lane, Suite 110
Roseville, CA 95678
Ph (916) 784-3006 Fx (916) 784-3012

Project: Lemon Hills Subdivision

Re: Model 1020: Use of Box Nails
Braced Wall Panel Change
Detail 338

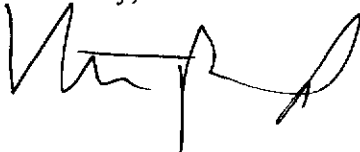
Sam;

Please note the following regarding the above referenced issues:

- 1) Box nails may be substituted for common nails for the Type 2 shear wall, siding and roof sheathing if the spacing is as follows:
 - a) The Type 2 shear walls are O.K. at 4" edges, 8" field, because the stress in the walls is only 295 plf, which is met with 8d box nails at 4" o.c.
 - b) The maximum spacing for the nails in roof sheathing shall be 4-5/8" o.c. edges 9-1/2" field.
 - c) The maximum spacing for the siding on the house shall be 4-5/8" edges and 9-1/2" field.
- 2) At the bathroom, where the tub cuts of the braced wall panels, see the attached copy of this area of the plan showing a revised layout which will conform with the conditions.
- 3) Please see the attached copy of Detail 338, for connecting the drag truss to the shear wall line at the front of the house.

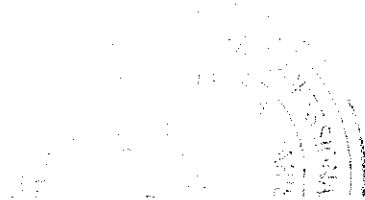
If you have any questions, please contact me.

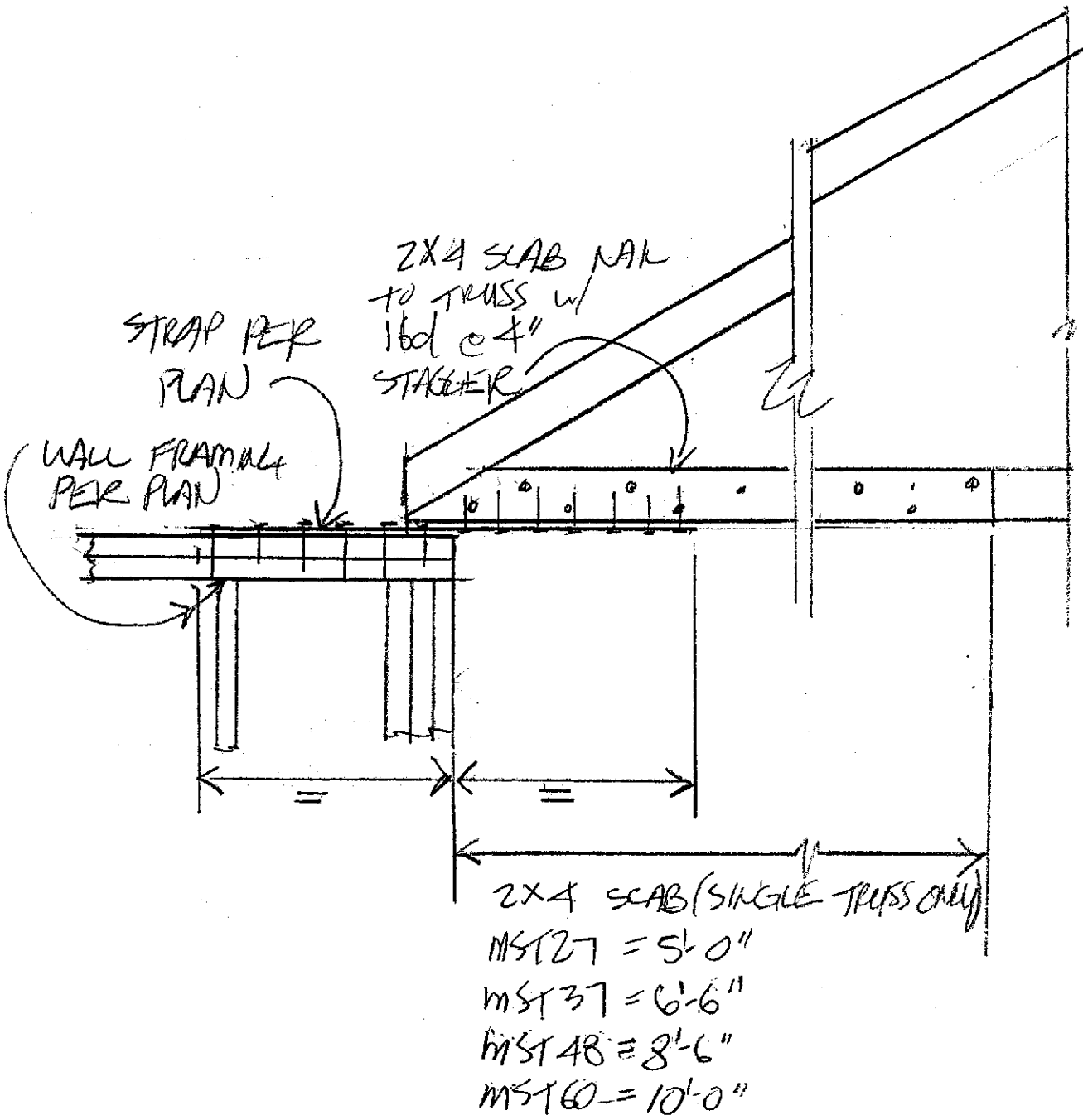
Sincerely;



Matt Parisek, P.E.

Attachments: Detail 338
Revised Braced Wall Layout at Bath





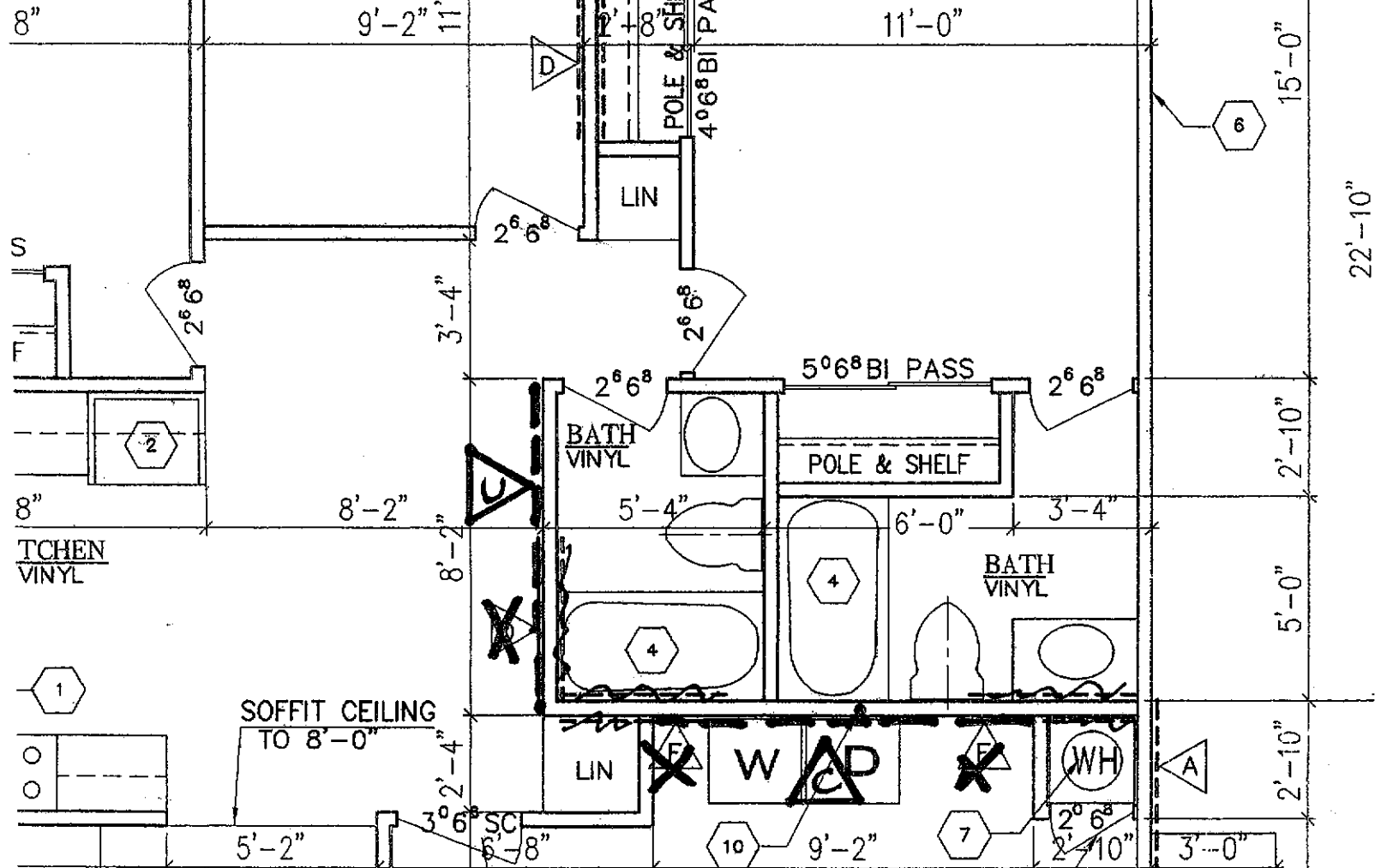
338 STRAP TRUSS TO WALL



ROOM 1
PET

BEDROOM 2
CARPET

MASTER BEDROOM
CARPET



PROVIDE 16"x9"
 LOUVER FOR
 COMBUSTION AIR
 PER 1997 UPC 507.0

2 CAR GARAGE

Matt Parisek, P.E.

1881 Calaveras Drive, El Dorado Hills, CA 95762

ph (916) 939-3525 fax (916) 939-3547 e-mail mparisek@pacbell.net

Structural engineering and design services

California Registered Civil Engineer C 52996

Date: August 21, 2002

To: Zaur Atnilov

Feitser Construction

1220 Melody Lane, Suite 110

Roseville, CA 95678

Ph (916) 784-3006 Fx (916) 784-3012

Project: Lemon Hills Subdivision

Re: Model 1020- Truss Bracing

Dear Zaur;

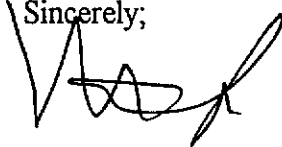
After review of the truss design from Western Wood Fabricators, please note the following:

1. An analysis of the gable studs is provided, which shows that 4x2 gable studs up to 6 ft. in length do not need lateral bracing. Based on this, I recommend that a horizontal whaler per the attached sketch be installed on truss AG2. The gable studs in truss BG do not require a whaler.
2. Truss A2 is noted to require "lateral bracing shown plus bracing at the panel points of the collar tie (unless noted otherwise)", however, this bracing is not shown on the truss diagram and there is no note to indicate the bracing is not required. Based on this information, I do not believe the truss design engineer intended for this truss to have the lateral bracing referred to in the note. However, this question cannot be fully addressed unless the truss is analyzed, and I did not perform an analysis of the truss.

Per our conversations, you indicated that Western Wood Fabricators elected not to provide clarification as to whether this bracing is required or not. Since they provided the truss engineering and apparently have access to the engineering analysis, I recommend that you contact them, as it would be more efficient for them to fully address this issue.

If you have any questions, please contact me.

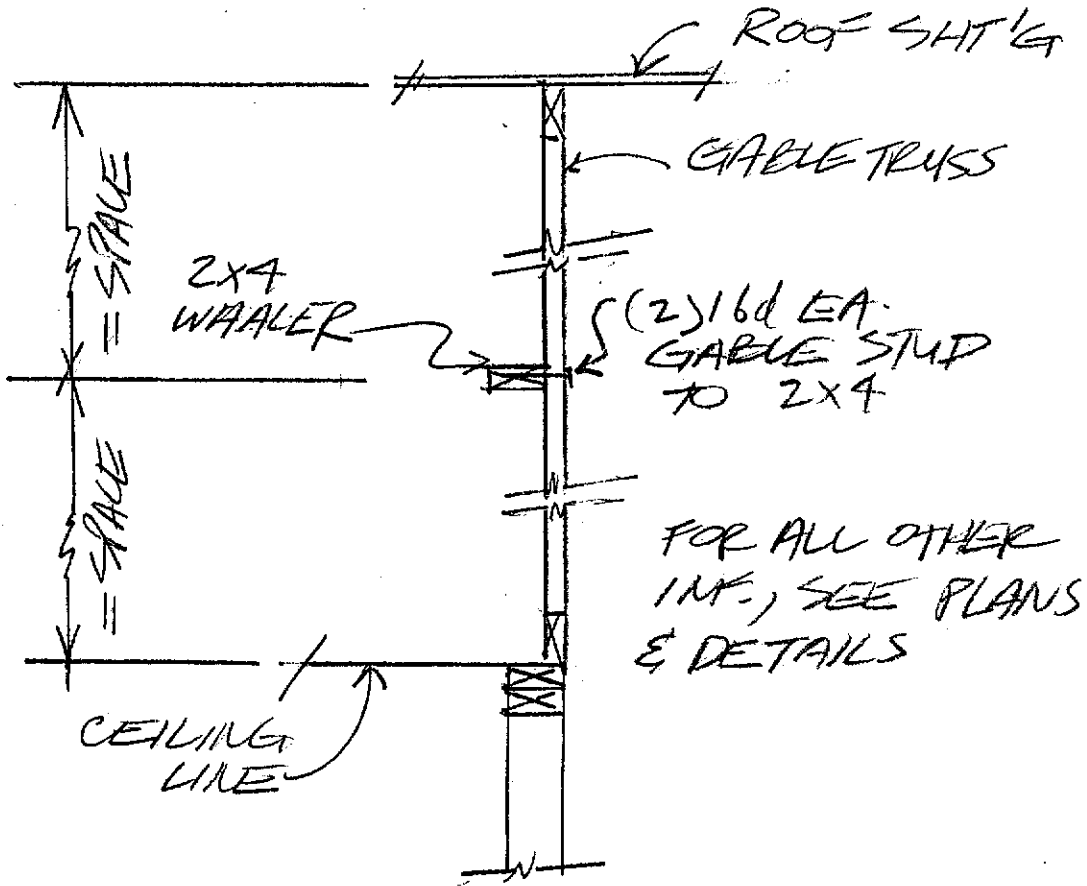
Sincerely;



Matt Parisek, P.E.

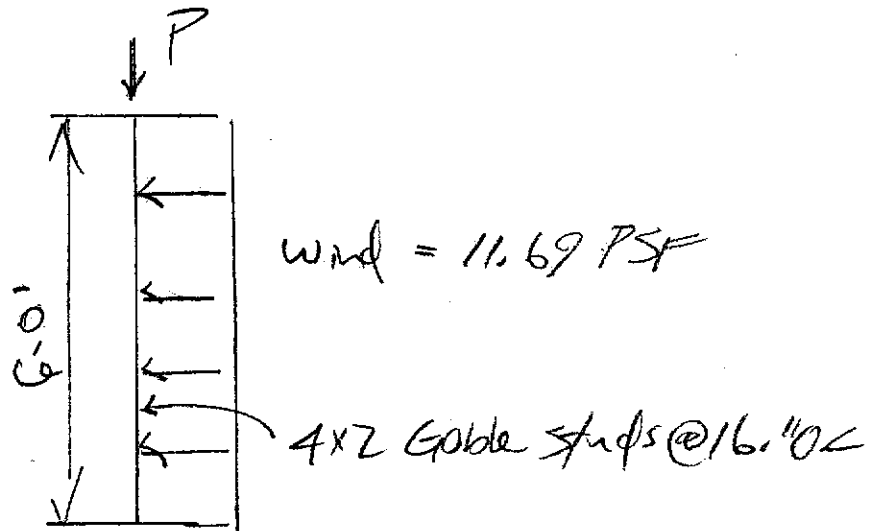


STAEDTLER® No. 937 811E Engineer's Computation Pad



WHALER AT GABLE TRUSS
(NO SCALE)





$$\text{Wind} = 11.69 \text{ PSF}$$

$$P_D = (3' \times 1.33 \times 10) + (6.5' \times 1.33 \times 10) = 125 \#$$

↑ Roof
↑ Wall

$$P_L = 3' \times 20 = 60 \#$$

$$\text{Wind} = 11.69 \times 1.33 = 15.55 \text{ plf}$$

check as column-equivalent eccentricity
(for wind load) is

$$\frac{15.55 \times (6.0)^2}{8} \times 12 \leftarrow \text{Moment due to wind} = 4.54$$

$$(125 + 60) \leftarrow P_{DL}$$

(See Enercalc analysis)

To specify your title block on these five lines, use the SETTINGS main menu selection, choose the Printing & Title Block tab, and enter your title block information.

Title :
Dsgnr :
Description :
Scope :

Job #
Date: 3:16PM, 21 AUG 02

Rev: 550100
User: KW-0604442, Ver 5.5.0, 25-Sep-2001
(c)1983-2001 ENERCALC Engineering Software

Timber Column Design

Page 1
c:\engineering\projects\feitser\feitser.ecw.M

Description Gable Studs

General Information

Calculations are designed to 1997 NDS and 1997 UBC Requirements

Wood Section	4x2	Total Column Height	6.00 ft	Le XX for Axial	6.00 ft
Rectangular Column		Load Duration Factor	1.25	Le YY for Axial	6.00 ft
Column Depth	1.50 in	Fc	1,350.00 psi	Lu XX for Bending	6.00 ft
Width	3.50 in	Fb	875.00 psi		
Sawn		E - Elastic Modulus	1,600 ksi		
		Douglas Fir - Larch, No.2			

Loads

	<u>Dead Load</u>	<u>Live Load</u>	<u>Short Term Load</u>
Axial Load	125.00 lbs	60.00 lbs	0.00 lbs
Eccentricity	4.540 in		

Summary

Column OK

Using : 4x2, Width= 3.50in, Depth= 1.50in, Total Column Ht= 6.00ft

	<u>DL + LL</u>	<u>DL + LL + ST</u>	<u>DL + ST</u>
fc : Compression	35.24 psi	35.24 psi	23.81 psi
Fc : Allowable	201.28 psi	202.79 psi	202.79 psi
fbx : Flexural	639.92 psi	639.92 psi	432.38 psi
F'bx : Allowable	875.00 psi	1,093.75 psi	1,093.75 psi
Interaction Value	0.7854	0.0302	0.4176

Stress Details

Fc : X-X	201.28 psi
Fc : Y-Y	847.89 psi
F'c : Allowable	201.28 psi
F'c:Allow * Load Dur Factor	202.79 psi
F'bx	875.00 psi
F'bx * Load Duration Factor	1,093.75 psi

For Bending Stress Calcs...

Max k*Lu / d	50.00
Actual k*Lu/d	20.66
Min. Allow k*Lu / d	11.00
Cf:Bending	1.000
Rb : (Le d / b^2) ^0.5	4.028

For Axial Stress Calcs...

Cf : Axial	1.000
Axial X-X k Lu / d	48.00
Axial Y-Y k Lu / d	20.57