

CITY OF SACRAMENTO
1231 I Street, Sacramento, CA 95814

Permit No: 0217617
Insp Area: 4
Thos Bros:
Sub-Type: NSFR
Housing (Y/N): N

Site Address: 3417 BERETANIA WY SAC
Parcel No: CAMBAY WEST VIL. 1 LOT 67

CONTRACTOR
GRIFFIN INDUSTRIES
24005 VENTURA BL.
CALABASAS CA. 91302

OWNER

ARCHITECT

Nature of Work: MP 3802 2 STORY 11 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 684448 Date 12/20/02 Contractor Signature Jerry Peterson

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 12/20/02 Applicant/Agent Signature Jerry Peterson

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 COMP. INS. FUND Policy Number WC 1673452-2002 Exp Date 01/01/2003

____ (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 12/20/02 Applicant Signature Jerry Peterson

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.

RESIDENTIAL SUBDIVISION BUILDING PERMIT APPLICATION

Project Address: 3417 BELLEVUE Assessor Parcel # 225-0080-049
Lot Number: 67 Subdivision Cambay West/WestParke

OWNER INFORMATION:

Legal Property Owner: Natomas Heritage-1, LLC Phone# (916) 515-0171
Owner Address: 24005 Ventura Blvd. City Calabasas State CA Zip 91302

CONTRACTOR INFORMATION:

Contractor: Griffin Industries, Inc. Lic. # 684448 Phone # (916)515-0171 Fax (916)515-0171

PROJECT INFORMATION:

Land Use Zone R1A Occupancy Group R3 Construction Type VN Fed Code 1A
No. of Stories: 2 No. of Rooms: 11 Street Width: 31' not incl. sidewalks
1st Floor Area 1821 2nd Floor Area 1981 Basement N/A Roof Material Tile
AREA IN SQUARE FOOT OF:
Dwelling/Living 3802
Garage/Storage 575 0217617
Decks/Balconies 239
Carports N/A
SCOPE OF WORK: MP 3802, Plan 6C

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

COUNTY SANITATION DISTRICT 1
SACRAMENTO REGIONAL COUNTY SANITATION DISTRICT
SEWER IMPACT FEE
PERMIT AND CALCULATION

12/18/02

APPLICATION NO. _____ BLDG. PERMIT NO. **SWD2002 - 00879**

GENERAL INFORMATION THIS PERMIT GOOD ONLY WHEN VALIDATED BY THE CASHIER

CITY _____

THIS PERMIT TO CONNECT EXPIRES ONE YEAR FROM DATE OF ISSUANCE

FEE CALCULATION BUILDING USE

INSPECTION	RESIDENTIAL	SE	MF	U
CSD-1				
SRCSD				
CONSTRUCTION				
IN-LIEU				
TOTAL FEE				

APN: **225-0080-049**

DESCRIPTION/ SUBDIVISION: **CAMBAY WEST VILLAGE I** LOT: **67**

PROPERTY ADDRESS: **3417 BERTANIA WAY**

OWNER: **NATOMAS HERITAGE-1, LLC**

MAILING ADDRESS: **24005 VENTURA BLVD.**

CITY-STATE-ZIP: **CALABASAS, CA 91302** PHONE: **(916)515-0171**

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

APPLICANT SIGNATURE

CONSOLIDATED UTILITY BILLING USE ONLY

ACCT _____ INPUT _____ START _____

Natomas Unified School District
 1901 Arena Blvd. • Sacramento, CA 95834
 Phone 916/567-5468 • Fax 916/567-5470

CERTIFICATION OF COMPLIANCE

SCHOOL DISTRICT DEVELOPMENT FEES

PART I: TO BE COMPLETED BY APPLICANT

Property Owner's Name	NATOMAS HERITAGE-1, LLC		
Owner's Address	24005 VENTURA BLVD., CALABASAS, CA 91302		
Project Address	LOT #67 -0417 BERETANIA WAY		
Parcel Number	225-0080-049		
Subdivision Name	CAMBAY WEST VILLAGE I		
Number of Units	1		
Print Applicant's Name	JOHN GRIFFIN	Applicant's Signature	<i>[Signature]</i>
Title of Applicant	SR. VICE-PRESIDENT	Telephone Number	916-515-0171
Date	12/2/02		

PART II: TO BE COMPLETED BY BUILDING DEPARTMENT

Plan Identification Number	0217617		
Building Type (Check One)	<input checked="" type="checkbox"/> Residential <input type="checkbox"/> Apartment/Condominium <input type="checkbox"/> Commercial/Industrial		
Square Feet of Chargeable Building Area			
Signature		Date	
Title			

PART III: TO BE COMPLETED BY NATOMAS UNIFIED SCHOOL DISTRICT

District Certification Number	03:1062		
Fees Collected:			
Residential:	3802	Sq. Ft. X \$ 3.00	= \$ 11,406.00
Apartment/Condominium:		Sq. Ft. X \$	= \$
Commercial/Industrial:		Sq. Ft. X \$	= \$

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, or to another public entity authorized to collect them on behalf of the District, whichever is earlier.

Applicant Signature: *[Signature]* Date: 12/2/02

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 Natomas Unified School District official, I hereby certify that the requirements of Government Code Section 65995 have been complied with by the above signed applicant.

SIGNATURE: *[Signature]* DATE: 12/13/02
 TITLE: Michael Morman, Facilities Planning Director

Insulation Certificate

This is to certify that insulation has been installed in conformance with the current energy regulations, California Administration code. Title 24, State of California, in the building located at:

Site Address: 3417 BERETANIA WAY
Lot 67 West Park Village 1 Natomas, Ca.
Number Street City State

Ceilings:

Blow:	Manufacturer	<u>John Mansville</u>	Thickness	<u>12"</u>	R / Value	<u>30</u>
	Square Feet	<u>1904</u>	# Bags / Lbs. Per Bag	<u>34</u>		
Batts:	Manufacturer	<u>John Mansville</u>	Thickness	<u>10.25"</u>	R / Value	<u>30</u>

Exterior Walls:

Manufacturer John Mansville Thickness 3.5" R / Value 13

Floor Insulation:

Manufacturer _____ Thickness _____ R / Value _____

Air Infiltration: (Title 24)

Yes No

Other: _____

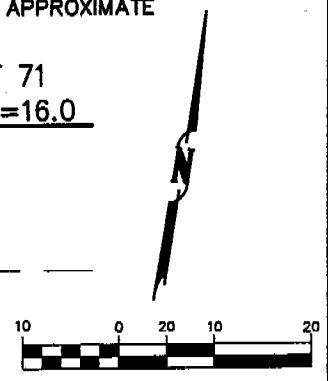
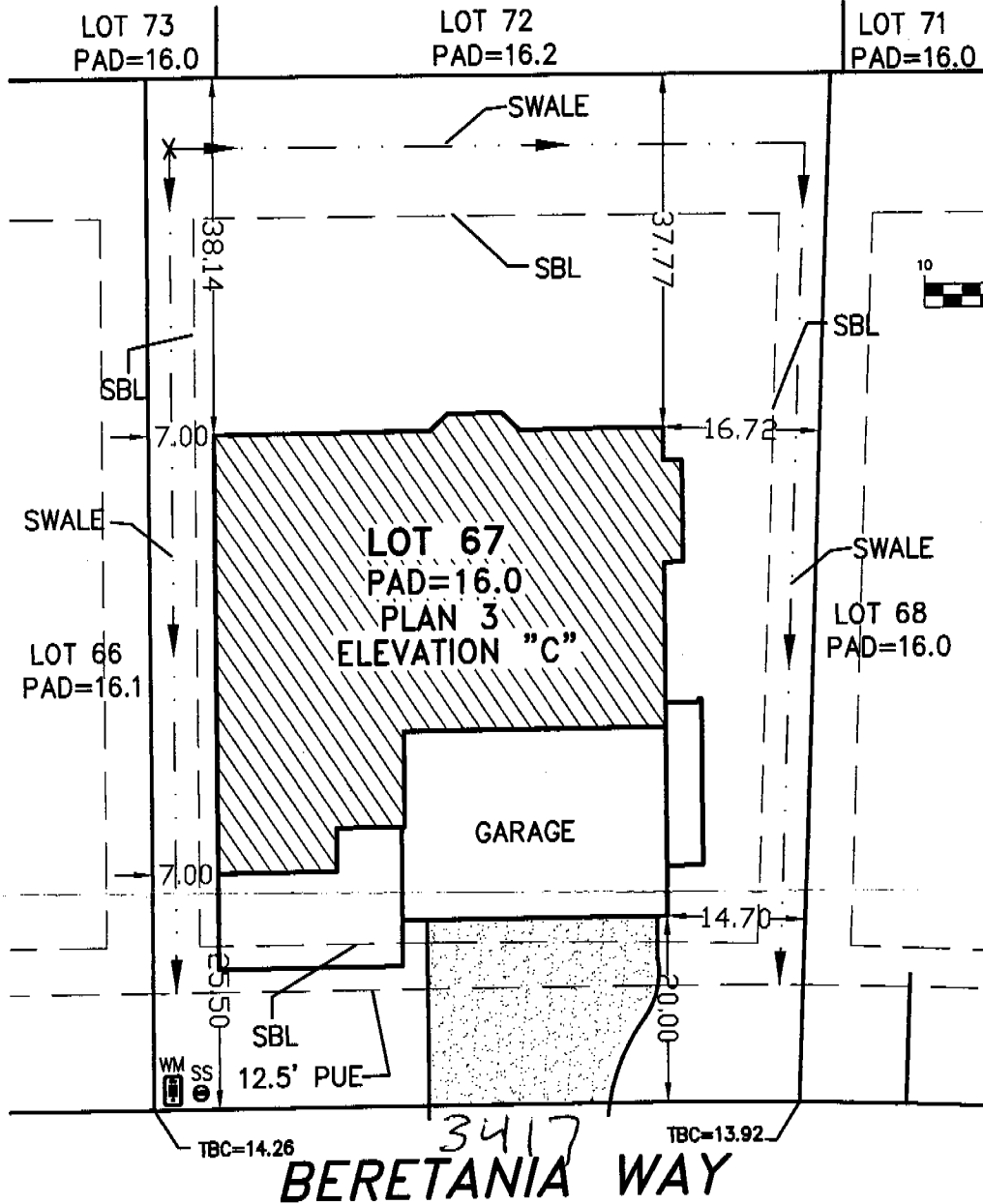
General Contractor: _____ Lic. # _____

By: _____ Title: _____ Date: _____

Insulation Contractor: Goldstar Insulation, Inc. Lic. # 797510

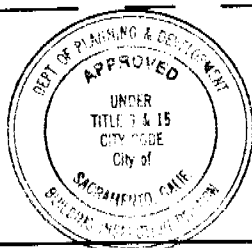
By: [Signature] Title: Office manager Date: 8/25/2003

THIS PLOT PLAN IS PROVIDED AS A GENERAL LAYOUT OF THE PROPERTY. ALL INFORMATION ON THIS PLAN INCLUDING: SETBACK DIMENSIONS, DRIVEWAY GRADES, SLOPE AND WALL HEIGHTS AND LOCATIONS, ARE APPROXIMATE AND MAY VARY OR CHANGE WITHOUT PRIOR NOTICE.



LEGEND

- SBL - SET BACK LINE
- PUE - PUBLIC UTILITY ESMT.
- TBC - TOP BACK OF CURB
- WM - WATER METER
- SS - SANITARY SEWER



This set of plans and specifications must be kept on the job at all times and it is unlawful to make any changes or alterations from the same without written permission from the Building Inspection Division.

The approval of this plan and specification SHALL NOT be held to permit or approve the violation of any City Ordinance or State Law.

GRIFFIN INDUSTRIES
 2400 DUCKHORN DRIVE
 SACRAMENTO, CA 95834
 (916) 515-0171

LOT SIZE = 7,847 SF
 BLDG. FOOTPRINT = 2,415 SF
 FRONT SETBACK = 17.5'
 LEFT SETBACK = 5'
 RIGHT SETBACK = 5'
 REAR SETBACK = 15'

CAMBAY WEST VILLAGE 1
LOT #67
 SACRAMENTO CALIFORNIA

Carter-Burgess
 Carter & Burgess Inc.

Anderson Engineering Consultants

16790 Placer Hills Road, Suite A Phone: (530) 878-4770
Meadow Vista, CA. 95722 Fax: (530) 878-1579

David Knutson Roofing
1520 Main Avenue
Sacramento, CA. 95838

August 19, 2003

Subject: Lightweight Tile Re-roof
1301 42nd Avenue (& 6065 13th Avenue)
Sacramento, CA. 95831

Dear David,

Pursuant to your request, Anderson Engineering Consultants has reviewed the roof framing of the structure at the above address for structural adequacy. The house is approximately 20 to 25 years old, and is conventionally framed. The roof is comprised of the following:

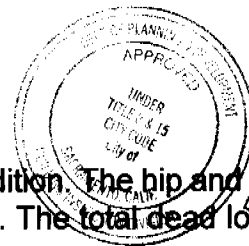
- Single 2x6 rafters at 24" o.c. with a 10'-6" maximum span.
- Single 2x6 rafters at 16" o.c. with a 7'-6" maximum span.
- 2x8 Purlins with 2x4 strut at 72" o.c.
- 2x8 hip and valley boards.

The manufacturer has developed a span table to determine the maximum span of the rafter. The table was prepared by a licensed Engineer and is based on the current Uniform Building Code. The span table indicates the following for the given condition:

- Single 2x6 rafters at 24" o.c. – 12'-1"
- Single 2x6 rafters at 16" o.c. – 13'-2"

Calculations also show the rafters are adequate.

The roof has a pitch of 6:12 and appears to be in sound condition. The hip and valley boards are 2x8 and braced adequately to bearing members. The total dead load on the rafters including roofing material does not exceed 9 psf.



This set of plans and specifications shall be kept on the job at all times and shall not be altered or changed in any way without written permission of the Building Inspection Division. The approval of this plan and specification SHALL NOT be held to permit or excuse a violation of any City Ordinance or State Code.

CITY COPY

0312935

It is our opinion that using your proposed re-roof system consisting of the following will not compromise the structural integrity of the roof system:

- 7/8" - 22 gage hat channel fastened to the rafters with 10d-galvanized nails (or equal) at 24" o.c.
- "Thermo-ply" underlayment fastened to the hat channel with #10 self-tapping screws (or equal).
- 7/8" - 22 gage steel hat channel battens over the "Thermo-ply" underlayment fastened with #10 self tapping screws (or equal) at every rafter.
- Lightweight Eaglelite concrete tile weighing less than 7.0 psf.

The determination of the roof's structural integrity is based on observation and known mechanical properties of wood.

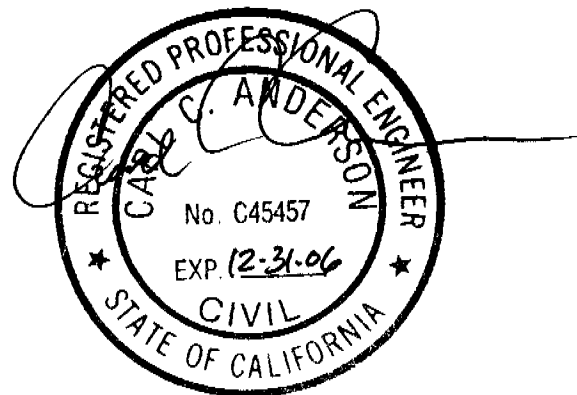
After re-roofing minor cracking of the ceiling and interior and exterior walls may occur. In addition, a small amount of deflection in the rafters may be observed. These conditions are cosmetic only and do not affect the structural integrity of the roof framing.

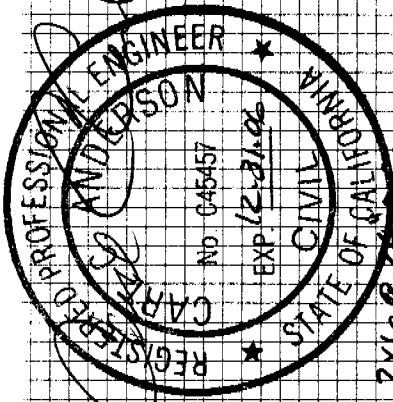
Should you have any questions, please do not hesitate to contact us.

Sincerely,

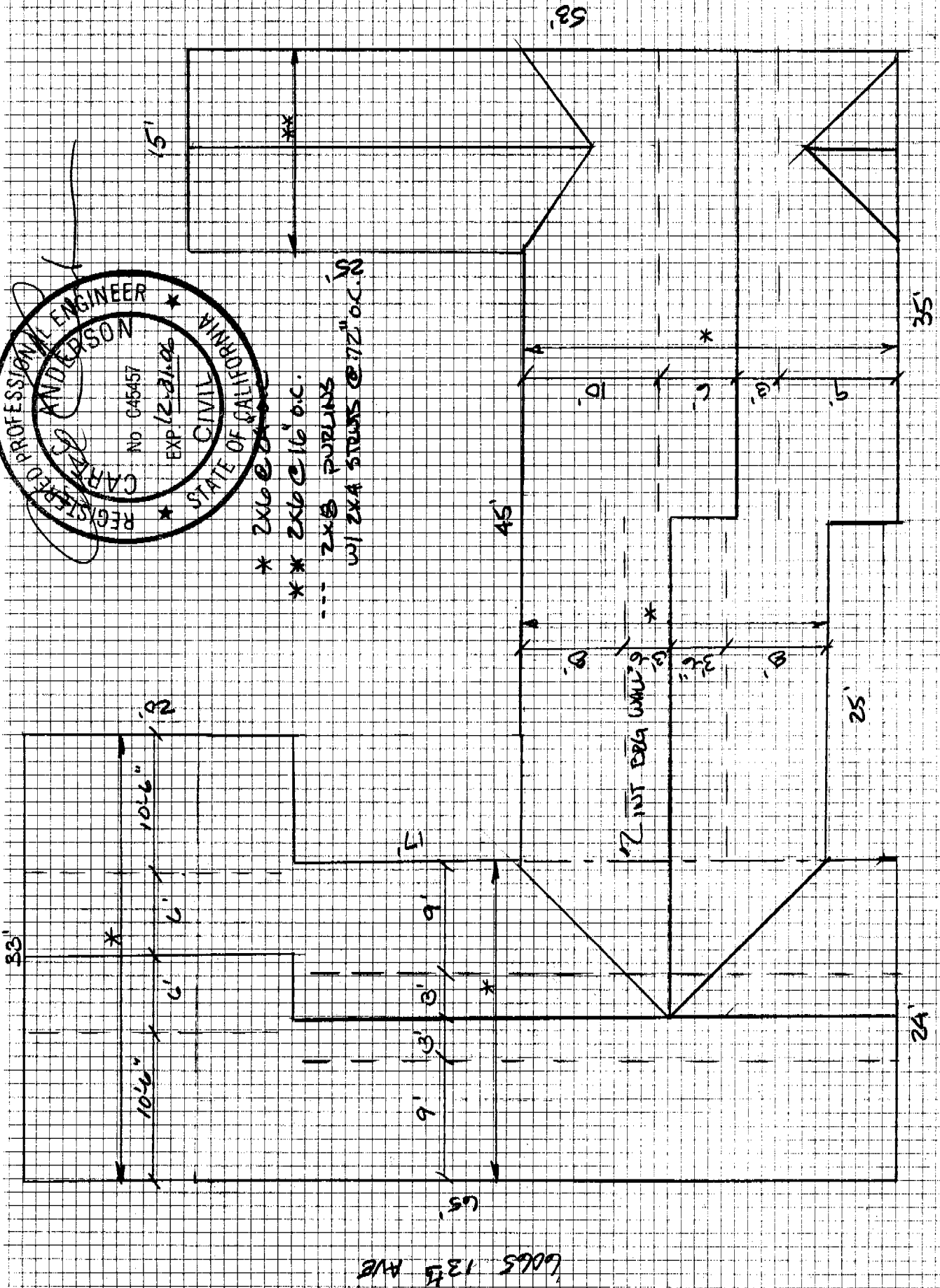


Carl Anderson, P.E.





* 2x6 @ 16" o.c.
 * 2x6 @ 16" o.c.
 --- 2x8 PURLINS
 w/ 2x4 STUWS @ 72" o.c.



6065 13TH AVE
 1301 4TH AVE & 6065 13TH AVE
 SACRAMENTO, CA
 1301 42ND AVE

Project: WONG - Location: MAX RAFTER SPAN
 Summary:

1.5 IN x 5.5 IN x 12.5 FT (10.5 + 2) (Actual 14 FT) @ 24 O.C. / #2 - Douglas Fir-Larch - Dry Use
 Section Adequate By: 47.6% Controlling Factor: Section Modulus / Depth Required 4.79 In

Interior Span Deflections:

Dead Load: DLD-Interior= 0.19 IN
 Live Load: LLD-Interior= 0.33 IN = L/429
 Total Load: TLD-Interior= 0.52 IN = L/272

Eave Deflections (Positive Deflections used for design):

Dead Load: DLD-Eave= 0.00 IN
 Live Load: LLD-Eave= 0.03 IN = 2L/1615
 Total Load: TLD-Eave= 0.00 IN = 2L/53665630

Rafter End Loads and Reactions:

Upper Live Load: 84 PLF 168 LB
 Upper Dead Load: 51 PLF 102 LB
 Upper Total Load: 135 PLF 270 LB
 Lower Live Load: 119 PLF 238 LB
 Lower Dead Load: 75 PLF 150 LB
 Lower Total Load: 194 PLF 388 LB
 Upper Equiv. Tributary Width: UTWeq= 5.25 FT
 Lower Equiv. Tributary Width: LTWeq= 7.44 FT

Rafter Data:

Interior Span: L= 10.5 FT
 Eave Span: L-Eave= 2.0 FT
 Rafter Spacing: Spacing= 24 IN O.C.
 Rafter Pitch: RP= 6 : 12
 Roof sheathing applied to top of joists-Top of rafters fully braced.
 Live Load Deflect. Criteria: L/ 240
 Total Load Deflect. Criteria: L/ 180

Non-Snow Live Load:

Roof Loaded Area: RLA= 25 SF
 Live Load Method: Method = One

Rafter Loads:

Roof Live Load: LL= 16 PSF
 Roof Dead Load: DL= 9 PSF
 Roof Duration Factor: Cd= 1.25

Slope Adjusted Spans And Loads:

Interior Span: L-adj= 11.7 FT
 Eave Span: L-Eave-adj= 2.2 FT
 Rafter Live Load: wL-adj= 26 PLF
 Rafter Dead Load: wD-adj= 16 PLF
 Rafter Total Load: wT-adj= 42 PLF

Properties For: #2- Douglas Fir-Larch

Bending Stress: Fb= 875 PSI
 Shear Stress: Fv= 95 PSI
 Modulus of Elasticity: E= 1600000 PSI
 Stress Perpendicular to Grain: Fc-perp= 625 PSI

Adjusted Properties

Fb' (Tension): Fb'= 1635 PSI
 Adjustment Factors: Cd=1.25 Cf=1.30 Cr=1.15
 Fv': Fv'= 119 PSI
 Adjustment Factors: Cd=1.25

Design Requirements:

Controlling Moment: M= 698 FT-LB
 5.752 Ft from Left Support of Span 2 (Center Span)
 Critical moment created by combining all dead loads and live loads on span(s) 2
 Maximum Shear: V= 254 LB
 At Right Support of Span 2 (Center Span)
 Critical shear created by combining all dead loads and live loads on span(s) 2, 3

Comparisons With Required Sections:

Section Modulus: Sreq= 5.12 IN3
 S= 7.56 IN3
 Area: Areq= 3.20 IN2
 A= 8.25 IN2
 Moment of Inertia: Ireq= 13.75 IN4
 I= 20.80 IN4



Project: WONG - Location: MAX RAFTER SPAN
 Summary:

1.5 IN x 5.5 IN x 9.5 FT (7.5 + 2) (Actual 10.6 FT) @ 16 O.C. / #2 - Douglas Fir-Larch - Dry Use
 Section Adequate By: 285.7% Controlling Factor: Section Modulus / Depth Required 3.1 In

Interior Span Deflections:

Dead Load:	DLD-Interior=	0.04	IN
Live Load:	LLD-Interior=	0.06	IN = L/1764
Total Load:	TLD-Interior=	0.10	IN = L/1006

Eave Deflections (Positive Deflections used for design):

Dead Load:	DLD-Eave=	0.00	IN
Live Load:	LLD-Eave=	0.02	IN = 2L/3229
Total Load:	TLD-Eave=	0.00	IN = 2L/53665630

Rafter End Loads and Reactions:

Upper Live Load:	LOADS:	RXNS:	
Upper Dead Load:	60 PLF	80 LB	
Upper Total Load:	51 PLF	68 LB	
Lower Live Load:	111 PLF	148 LB	
Lower Dead Load:	96 PLF	128 LB	
Lower Total Load:	87 PLF	117 LB	
Upper Equiv. Tributary Width:	184 PLF	245 LB	
Lower Equiv. Tributary Width:	UTWeq=	3.75	FT
	LTWeq=	6.02	FT

Rafter Data:

Interior Span:	L=	7.5	FT
Eave Span:	L-Eave=	2.0	FT
Rafter Spacing:	Spacing=	16	IN O.C.
Rafter Pitch:	RP=	6	: 12
Roof sheathing applied to top of joists-Top of rafters fully braced.			
Live Load Deflect. Criteria:	L/	240	
Total Load Deflect. Criteria:	L/	180	

Non-Snow Live Load:

Roof Loaded Area:	RLA=	13	SF
Live Load Method:	Method =	One	

Rafter Loads:

Roof Live Load:	LL=	16	PSF
Roof Dead Load:	DL=	13	PSF
Roof Duration Factor:	Cd=	1.25	

Slope Adjusted Spans And Loads:

Interior Span:	L-adj=	8.4	FT
Eave Span:	L-Eave-adj=	2.2	FT
Rafter Live Load:	wL-adj=	17	PLF
Rafter Dead Load:	wD-adj=	16	PLF
Rafter Total Load:	wT-adj=	33	PLF

Properties For: #2- Douglas Fir-Larch

Bending Stress:	Fb=	875	PSI
Shear Stress:	Fv=	95	PSI
Modulus of Elasticity:	E=	1600000	PSI
Stress Perpendicular to Grain:	Fc-perp=	625	PSI

Adjusted Properties

Fb' (Tension):	Fb'=	1635	PSI
Adjustment Factors: Cd=1.25 Cf=1.30 Cr=1.15			
Fv':	Fv'=	119	PSI
Adjustment Factors: Cd=1.25			

Design Requirements:

Controlling Moment:	M=	267	FT-LB
4.025 Ft from Left Support of Span 2 (Center Span)			
Critical moment created by combining all dead loads and live loads on span(s) 2			
Maximum Shear:	V=	146	LB
At Right Support of Span 2 (Center Span)			
Critical shear created by combining all dead loads and live loads on span(s) 2, 3			

Comparisons With Required Sections:

Section Modulus:	Sreq=	1.96	IN ³
	S=	7.56	IN ³
Area:	Areq=	1.85	IN ²
	A=	8.25	IN ²
Moment of Inertia:	Ireq=	3.72	IN ⁴
	I=	20.80	IN ⁴

