

20
2

1599 JAVORE DR
(Bidoi-2269)

COUNTY OF SONOMA

PERMIT AND RESOURCE MANAGEMENT DEPARTMENT

2550 Ventura Avenue, Santa Rosa, CA

(707) 565-1900 FAX (707) 565-1103

BUILDING PERMIT RECEIPT	BLD01-2269
--------------------------------	-------------------

Site Location Information		Printed By: BKEARNS 11:09 Jun 14, 2001	
Address: 1599 JAVORE DR ROS		APN: 125-590-019	
Cross Street: MATHWIG CT		Initialized By: BKEARNS B-PLD 0001	
Owner		Applicant	
KEYLON DONALD CHARLES & LAWANA J 1599 JAVORE DR SANTA ROSA CA 954077412		ESCHENBACH CONSTRUCTION 477 RASBERRY LN FREESTONE CA 95472	
Contractor		Architect or Engineer	
ESCHENBACH CONSTRUCTION 477 RASBERRY LN FREESTONE CA 707 823 2524 95472 Lic. #: 547548		707 923 2524 Lic. #:	

This Building Permit Shall Expire: 05/15/2002

Status: PC APRVD
Issued:

Permit Description: SFD ADD

Valuation/Contract \$: \$10,807.32 PC-Calc (Old/New): 0 PERM-Calc (Old/New): 0 Type: SADD
 Plancheck Multiplier: 1.00 Penalty Multiplier (Where Applicable):
 Occupancy Type Factor Sq. Feet Valuation
 Dwellings DWEL-Type V - Wd Frme 95.64 113 10,807.32
 Table Date: 07/01/2000 Total Valuation: 10,807.32

Item #	Item Account Code	Description	Fee	Previously Paid
0011	025015-1341 3505	INSPECTIONS - OTHER	\$.00	\$.00
0012	025015-1341 3505	INSP. OUTSIDE NORMAL HRS	\$.00	\$.00
0013	025015-1341 3505	REINSPECTION(S) FEE	\$.00	\$.00
0050	327023-4040	S.M.I.P. RESIDENTIAL	\$1.08	\$.00
0060	025015-1341	BLDG PERM PLAN CHECK FEE	\$136.71	\$136.71
0062	025015-1341	ADDITIONAL PLANCHECK FEE	\$.00	\$.00
0100	025015-1341 3502	SITE REVIEW/ELEV. CERT.	\$84.00	\$84.00
0119	649103-3661	CO FIRE MARSHAL REVIEW	\$.00	\$.00
0120	025015-1341 3504	FIRE STDS INSPECT - PRMD	\$.00	\$.00
0121	025015-1341	FIRE SAFE STDS & REF PRMD	\$.00	\$.00
0122	025015-1341 3504	ELECTRICAL FEE	\$33.50	\$.00
0123	025015-1341 3504	MECHANICAL FEE	\$.00	\$.00
0124	025015-1341 3504	PLUMBING FEE	\$.00	\$.00
0132	025015-1341 3504	BUILDING PERMIT FEE	\$210.32	\$.00
0220	025015-1600	VIO. PENALTY FEE (BLDG)	\$.00	\$.00
0221	025015-4114 2001	VIO. INVEST. FEE (BLDG)	\$.00	\$.00
0366	025015-1342 0411	CLEARANCE OFFICE REVIEW	\$.00	\$.00
0707	025015-3140 6054	REF.-GRADING/DRAIN. PLAN	\$.00	\$.00
0708	025015-3140 6055	REF.-GRD/DRAIN DAM/DRVWY	\$.00	\$.00
1165	025015-3829 6146	ZONING PERMITS W/O D.R.	\$30.00	\$.00
2000	335208-4040-W	CTY-WDE CE TRAFFIC MIT	\$.00	\$.00
2001	335307-4040-W	CTY-WDE NO TRAFFIC MIT	\$.00	\$.00
2002	335406-4040-W	CTY-WDE SO TRAFFIC MIT	\$.00	\$.00
2003	335505-4040-W	CTY-WDE WE TRAFFIC MIT	\$.00	\$.00
2005	335042-4040-W	EASTMN LN TRAFFIC MIT	\$.00	\$.00
2006	335075-4040-W	MOORLAND AV DRAINAGE MIT	\$.00	\$.00
2007	335034-4040-W	LARK/WIKIUP TRAFFIC MIT	\$.00	\$.00
2008	335059-4040-W	SONOMA VLY TRAFFIC MIT	\$.00	\$.00
5011	025015-1341-W 3505	INSPECTIONS - OTHER	\$.00	\$.00
5012	025015-1341-W 3505	INSP. OUTSIDE NORMAL HRS	\$.00	\$.00
5013	025015-1341-W 3505	REINSPECTION(S) FEE	\$.00	\$.00
5060	025015-1341-W	BLDG PERM PLAN CHECK FEE	\$.00	\$.00
5062	025015-1341-W	ADDITIONAL PLANCHECK FEE	\$.00	\$.00
5100	025015-1341-W 3502	SITE REVIEW/ELEV. CERT.	\$.00	\$.00
5119	649103-3661-W	CO FIRE MARSHAL REVIEW	\$.00	\$.00
5120	025015-1341-W 3504	FIRE STDS INSPECT - PRMD	\$.00	\$.00
5121	025015-1341-W	FIRE SAFE STDS & REF PRMD	\$.00	\$.00
5122	025015-1341-W 3504	ELECTRICAL FEE	\$.00	\$.00
5123	025015-1341-W 3504	MECHANICAL FEE	\$.00	\$.00
5124	025015-1341-W 3504	PLUMBING FEE	\$.00	\$.00
5132	025015-1341-W 3504	BUILDING PERMIT FEE	\$.00	\$.00
5220	025015-1600-W	VIOLATION PENALTY FEE	\$.00	\$.00
5221	025015-4114-W 2001	VIOLATION INVESTIG FEE	\$.00	\$.00
5366	025015-1342-W 0411	CLEARANCE OFFICE REVIEW	\$.00	\$.00
5707	025015-3140-W 6054	REF.-GRADING/DRAIN. PLAN	\$.00	\$.00
5708	025015-3140-W 6055	REF.-GRD/DRAIN DAM/DRVWY	\$.00	\$.00
6165	025015-3829-W 6146	ZONING PERMITS W/O D.R.	\$.00	\$.00
7000	335208-4040-W	PRM-CO-WDE CE DEV FEE TR	\$.00	\$.00
7001	335307-4040-W	PRM-CO-WDE NO DEV FEE TR	\$.00	\$.00
7002	335406-4040-W	PRM-CO-WDE SO DEV FEE TR	\$.00	\$.00
7003	335505-4040-W	PRM-CO-WDE WE DEV FEE TR	\$.00	\$.00
7005	335042-4040-W	PRM-EASTMN LN DEV FEE TR	\$.00	\$.00
7006	335075-4040-W	PRM-MOORLAND DEV FEE TR	\$.00	\$.00
7007	335034-4040-W	PRM LARK/WIK SP PLN DEV	\$.00	\$.00
7008	335059-4040-W	PRM-SONOMA VLY DEV FEE T	\$.00	\$.00

Qualifies for fee waivers (Y/N): N

Total Calculated Fees	\$495.61	\$220.71
Previously Paid	\$220.71	
Balance Due	\$274.90	

COUNTY OF SONOMA - PERMIT AND RESOURCE MANAGEMENT DEPARTMENT

2550 Ventura Avenue, Santa Rosa, CA 95403 (707) 565-1900 FAX (707) 565-1103

Please Print Your Name: Willis Eschenbach Date Applied: 12/11/00

INFORMATION WITHIN HEAVY LINE TO BE COMPLETED BY APPLICANT

SITE LOCATION INFORMATION - PRINT CLEARLY

Site Address: 1399 JAVORE ST City: SANTA ROSA ZIP: 95401
 Cross-Street: MATHWIG COURT APN: 125-590-019 Project Phone #: (823) 2524 Project Fax #: ()
 Directions: _____ Subd. Name: _____ Unit #: _____ Lot #: _____
 Describe Project: 113 SQ FT ADDITION Living Area: 1208 FT Contract Price: _____
 Garage: 400
 Decks: 64

OWNER NAME AND ADDRESS APPLICANT NAME AND ADDRESS
 Name: JANE & DON KEPLON Name: ESCHENBACH CONSTRUCTION
 Mailing Address: SAME AS JOB Mailing Address: 13055 BODEGA HWY
 City: _____ State: _____ ZIP: _____ City: SEBASTOPOL State: CA ZIP: 95465
 Day Ph: () _____ Fac: () _____ Day Ph: () 823-2524 Fac: () 823-2574

CONTRACTOR INFORMATION OTHER PERSONS (ARCHITECT, ENGINEER, ETC.)
 Company Name: ESCHENBACH CONSTRUCTION Name: _____
 Address: BOSS BODEGA HWY Address: _____
 City: SEBASTOPOL State: CA ZIP: 95472 City: _____ State: _____ ZIP: _____
 Day Ph: () 823-2524 Fac: () 823-2574 Day Ph: () _____ Fac: () _____

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 worker's compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.
 I have and will maintain worker's compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My worker's compensation insurance carrier and policy number are:
 Carrier: STATE COMPT
 Policy No.: 729-00-09389
 (This section need not be completed if the permit is for one hundred dollars (\$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 worker's compensation laws of California, and agree that if I should become subject to the worker's compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.
 Exp. Date: _____ Applicant: _____

CONSTRUCTION LENDING DECLARATION
 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.)
 Lenders Name: _____
 Lenders Address: _____

FOR DEPARTMENT USE
 Zoning: R1 File No.: VAR00-0004-17
 Existing Use/Structures: STD
 Proposed Use/Structures: ADDITION
 Zoning Min. Yard Requirements: Front 20 Left 5 Right 5 Back 20
 NOTE: Fire Safe Standards require all parcels greater than 1 Acre to have a min. 30' setback unless mitigated. Mitigation Required Address subject to change
 Approval for Permit Issuance: _____ Approval for Occupancy: _____
 By: _____ Date: 6-8-01
 Conditions: DECK MUST NOT BE OVER 30"

OWNER-BUILDER DECLARATION
 I hereby affirm under penalty of perjury that I am exempt from the Contractor's 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 Contractor's License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he or she is exempt herefrom 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).)
 I, as 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 Professions Code: The Contractor's 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 or her own employees, provided that such improvements are not intended or offered for sale. If, however, the builder or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he or 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 Contractor's 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 Contractor's License Law.)
 I am exempt under Sec. _____, B & P.C. for this reason _____
 Date: _____ Owner: _____

Sewer Connection: Available Fees Paid N/A
 Approved by: Angela C. L... Date: 5-15-01

Road Encroachment: Fees Paid
 Approved by: 9/17 Date: _____
 Septic System Permit/Clearance # _____
 Approved by: _____ Date: _____
 Flood Zone: Yes No 100 Year Flood Elevation: _____
 Site Review _____

Code Enforcement Violation Yes No Violation # _____
 This permit is limited to _____ days.

LICENSED CONTRACTOR'S 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.
 Lic. Class: B Lic. No.: 547548
 Exp. Date: 2001 Contractor: ESCHENBACH CONSTR.

Work Authorized: Addition
 New Addition Alteration Repair Moving Occ/Chg

ASBESTOS DECLARATION
 Written asbestos notification pursuant to Part 61 of Title 40 of the Code of Federal Regulations is required when asbestos exists in buildings, or portions thereof, undergoing demolition. I hereby declare that demolition authorized by this permit is from construction that () does () does not contain asbestos, or that () no demolition is authorized by this permit.

THIS PERMIT SHALL EXPIRE IN THREE(3) YEARS FROM DATE FEES ARE PAID UNLESS OTHERWISE NOTED BY CODE ENFORCEMENT

I certify that I have read this application and affirm: under penalty of perjury that the above information is correct. I agree to comply with all local Ordinances and State laws relating to building construction. I hereby authorize representatives of the County of Sonoma to enter upon the above-mentioned property for inspection purposes. If, after making the Certificate of Exemption for the Worker's Compensation provision of the Labor Code I should become subject to such provisions, I will forthwith comply. In the event I do not comply with the Workman's Compensation law, this permit shall be deemed revoked.
 PERMITTEE SIGNATURE: Willis Eschenbach
 ADDRESS: 13055 BODEGA HWY, SEBASTOPOL, CA 95472
 Contractor Owner Agent for Contractor Agent for Owner

Machine Space for Permit Fee
 Plans Approved
 No Plans Subject to Field Inspection
 Plancheck Cleared By: 10/6/01 Date: _____
 Permit Cleared for Issuance By: 12/14/2001 Date: _____
 Post FIRM Alquist Priolo Report Available
 Pre FIRM Geotechnical report Available
 Type of Construction: UN Occupancy: RS No. of Stories: 1 No. of Bedrooms: _____
 Auto. Fire Sprinklers Req'd: _____ No. of Units: _____ Certificate of Occupancy: _____
 Final Date: _____ Inspector: 8076A06/14 DOCHECK 274.90

Permit # B1000-5866 Area 10
81001-2269
 Permit Coordinator

JOB ADDRESS: 1399 JAVORE ST MAP REFERENCE: ROS PERMIT NUMBER: B1000-5866 INSPECTION AREA: 10

31) SPECIAL INSPECTION REQUIRED		<input type="checkbox"/> YES	<input type="checkbox"/> NO	IF YES, SEE ADDITIONAL SHEET
INSPECTION RECORD	DATE	NAME	REMARKS	
103) FOUNDATION FORMS/SETBACK FOOTING WALLS	7/12/01	(U)	Addition to North Side of house 113 sqft.	
106) UFER GROUND #	N/A			
104) CAISSONS/PIERS				
108) SLAB				
110) MASONRY				
109) RETAINING WALLS				
113) FIREPLACE FOOTING HEARTH/PROTECTION THROAT				
114) CHIMNEY				
120) UNDERFLOOR/UNDERSLAB				
116) U/F ELECTRICAL				
117) U/F MECHANICAL				
118) U/F PLUMBING				
119) U/F FRAMING	7/19/01	(U)	OK to Insulate & Cap - corrections 7/19/01	
139) U/F INSULATION				
126) SHEAR WALLS <input type="checkbox"/> INTERIOR <input type="checkbox"/> EXTERIOR			Inspector Cancelled 8/6/01 (U)	
127) DIAPHRAGMS <input type="checkbox"/> ROOF <input type="checkbox"/> FLOOR				
134) SIDING/SHEATHING				
125) HOLD DOWNS				
132) CLOSE-IN				
122) ROUGH ELECTRICAL	8/7/01	(U)	OK to Insulate & Sheetrock (U)	
123) ROUGH MECHANICAL				
124) ROUGH PLUMBING				
128) ROUGH FRAME				
160) SMOKE DETECTORS				
138) INSULATION				
142) WALLBOARD				
135) STUCCO/PLASTER <input type="checkbox"/> LATH <input type="checkbox"/> SCRATCH				
137) ROOFING				
130) TUB/SHOWER PAN			DECK MUST NOT BE OVER 30 inches C. Demolition 6-8-01	
164) SUSPENDED CEILING ROUGH ELECTRICAL ROUGH MECHANICAL				
165) EXITING STAIRS/HANDRAILS RAMPS CORRIDORS/DOORS				
166) ACCESSIBILITY COMPLIANCE ENERGY REQUIREMENTS			FIRE INSPECTION REQUIRED	DATE NAME
170) TEMPORARY OCCUPANCY			<input type="checkbox"/> Yes <input type="checkbox"/> No	
171) TEMPORARY ELECTRICAL			770) SPRINKLER FINAL	
172) TEMPORARY GAS			771) ABOVEGROUND HYDROSTATIC	
174) ELECTRIC METER AUTHORIZATION			772) UNDERGROUND HYDROSTATIC	
152) PANEL BOARDS/SERVICE			773) UNDERGROUND FLUSH	
175) GAS METER AUTHORIZATION			774) THRUST BLOCKS	
153) GAS PRESSURE TEST HOUSE YARD			775) PIPE WELD 776) HYDRAULICS/APPLIANCES 777) PUMP ACCEPTANCE	
190) MANUF. HOME FOUNDATION			778) WATER SUPPLY/TANK	
191) MANUF. HOME INSTALLATION CONTINUITY STAIRS/SKIRTS RIDGE BOLTING			779) ALARM SYSTEM 780) HOOD & DUCT SYSTEM 781) ABOVEGROUND TANK/DISPENSER 198) FIRE FINAL	
SWIMMING POOLS				
194) PRE-GUNITE			CLEARANCES:	
195) PRE-DECK			FIRE	<input type="checkbox"/> Local <input type="checkbox"/> County
196) PRE-PLASTER/FENCE			HEALTH DEPARTMENT	
102) GRADING FINAL			ZONING	
176) ELECTRICAL FINAL			SANITATION	
177) MECHANICAL FINAL			N.C.A.P.C.D.	
178) PLUMBING FINAL				
199) FINAL OCCUPANCY (OK TO OCCUPY)	10-01-01			PLAN RETENTION REQUIRED? <input type="checkbox"/> Yes <input type="checkbox"/> No

PERMIT # 51200-5866

SCHOOL DISTRICT CERTIFICATION OF COMPLIANCE Bldg 00-5866
Bldg 1-2269

RETURN TO: Permit and Resource Management, County of Sonoma, 2550 Ventura Ave., Santa Rosa, California 95403

FROM: High School District _____ Elementary District Roseland

**THIS CERTIFICATION IS VOID IF NOT RETURNED TO THE BUILDING INSPECTION DEPARTMENT
WITHIN 30 DAYS AFTER THIS FORM IS SIGNED AND DATED BY THE SCHOOL DISTRICTS**

[To be completed by applicant for building permit(s) and verified by Permit and Resource Management]

EFFECTIVE DATE _____ (Date Plan Check Fee Was Paid) CITY RECEIPT NO. _____

PROJECT ADDRESS 1599 Javore St

PROPERTY OWNER'S NAME Don + Jane Keyton

If applicable: Mobilehome Park Name _____ Lot/Space Number _____

ASSESSOR'S PARCEL NO. 125 - 590 - 019

PROJECT DESCRIPTION - Include number of dwelling units. If agricultural, state specific use. Also include information regarding whether or not replacement dwelling, building used for religious purposes, private school or owned and occupied by governmental entity.
113 sq addition to North Side of house

Building Type: Residential Commercial/Industrial Mobilehome/Manufactured Home

Square footage breakdown per residential unit: residential area* 113 sq

Total No. of residential units 1 Total Square Feet of Eligible Building Area*: 113 sq

I declare under penalty of perjury under the laws of the State of California on behalf of _____ (Developer/Owner) that the information furnished above is accurate and correct to the best of my knowledge. _____ Applicant's Signature

The County of Sonoma Permit and Resource Management on 12/11/2000, 19____ has verified the square footage and use information furnished by the above developer.

County of Sonoma Signature [Signature]

- * **Residential Buildings** are building occupancies for single and multiple family dwellings, apartments, condominiums, and residential hotels where the primary purpose is to provide a residence and not a services, such as health care.
- * **Commercial/Industrial Buildings** are building occupancies other than residential. Includes those buildings where the primary purpose is to provide a service, such as health care. Also includes senior citizen housing (Civil Code 51.3), residential care facility for elderly [H&S Code 15432(d)(9)], and adult only mobilehomes [Gov. Code 65995.2(a)]
- * **Eligible Commercial/Industrial Area** is all chargeable covered and enclosed space calculated by the building department. **Chargeable Covered and Enclosed Space** include all the covered and enclosed space within the perimeter of a commercial or industrial structure but does not include any storage areas incidental to the principal use of the development, garage, parking structure, unenclosed walkway, or utility or disposal area.
- * **Eligible Residential Area** means the **Assessable Space** calculated by the building department which includes all the square footage within the perimeter of a residential structure, but does not include any carport, walkway, overhang, patio detached accessory structure, or similar area.

[To be completed by school districts] **SCHOOL DISTRICT CERTIFICATION**

School District requirements for the above project have been satisfied pursuant to (circle one):

Gov. Code 53080 Mitigation Agreement Not subject to fee requirement

This Certification covers only the amount of square footage identified above. Any additional square footage for the project is subject to another certification of compliance.

ELEM. SCHOOL DISTRICT recpt. no. _____
Square footage: _____ at \$ _____ / sq. ft.
Total Fee Amount collected: \$ _____
Authorized School District Official [Signature]
signature
Date: _____
title

HIGH SCHOOL DISTRICT recpt. no. 111888
Square footage: _____ at \$ _____ / sq. ft.
Total Fee Amount collected: \$ EXEMPT
Authorized School District Official [Signature]
signature
Date: 6-14-01 [Signature]
title

With regard to mobilehomes / manufactured homes, it is understood that the validity of any certificate of occupancy or Statement of Installation Acceptance issued by the City is conditioned on the concurrent payment of fees set forth above.

Applicant is hereby notified that anyone filing a protest on the imposition of Government Code Section 53080 fees must do so within 90 days from payment of the fee.

SINCE
1934

Piedmont
LUMBER

P.O. Box 365
6301 North State Street
Calpella, CA 95418
Phone: (707) 485-8781
Fax: (707) 485-7893

MIKE ESCHENBACH
477 RASBERRY LANE
FREESTONE, CA. 95473

8/03/01

MIKE,

PER YOUR BUILDING OFFICIAL'S REQUIREMENT THIS LETTER ADDRESSES TWO
CONDITIONS OF THE TRUSSES AT YOUR JOBSITE:

- 1) THE TRUSSES HAVE BEEN MODIFIED BY RIPPING MATERIAL OFF THE TOP
CHORD FROM 1/2" AT THE WALL FEATHERED TO 0" AT THE PEAK. ATTACH A
2X4 FULL LENGTH TO ONE SIDE AND NAIL OFF WITH 16d 12" O/C STAGGERED.
- 2) EACH TRUSS IS SUPPORTING AN EXISTING 13 FOOT MONO TRUSS. NAIL THE
EXISTING TRUSS TO THE NEW TRUSS USING 16d NAILS 12" O/C STAGGERED.

SHOULD YOUR OR YOUR INSPECTOR REQUIRE FURTHER INFORMATION PLEASE DO
NOT HESITATE TO CALL.

SINCERELY,

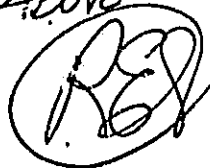

JOHN THOMPSON
ENGINEERING MANAGER



* Wet stamp to be provided at final inspection.

HOLD PER ABOVE

9-24-01



(E'bach Inc.,dba)
ESCHENBACH CONSTRUCTION

Design, Engineering, Construction - Lic # 547548
Residential & Commercial

Friday, September 21, 2001

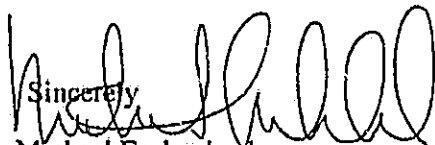
Attn: Roger Stanton

Attached as page two is the insulation certificate for the Keylon Residence, Bld Permit # BLD01-2269, located @ 1599 Javore st. in Santa Rosa. I believe it was the last and only item on the final corrections notice that needed to be corrected.

If you have any more questions, please call 707-823-2524

I will call for the final inspection after I fax this information to you

Thanks for your help

Sincerely

Michael Eschenbach

Faxed to: SLS. 1972

477 Raspberry Lane., Freestone, Ca., 95472

Phone: 707-823-2524 Fax: 707-823-2574

ESCHENBACH CONSTRUCTION

General Contractor - Lic # 547548

Residential & Commercial, Remodels...Custom Cabinetry, Doors & Windows.

Monday, September 24, 2001

ATTN: Mr. Roger Stanton

Dear Mr. Stanton;

This letter is in regards to the building at 1599 Javore.

I have tracked down, and I enclose, the original wet-signed engineer's OK for the changes in the trusses. I think this completes all the paperwork for the Final.

Thank you,



Michael Eschenbach
Eschenbach Construction

SINCE
1934

Piedmont
LUMBER

P.O. Box 365
6301 North State Street
Calpella, CA 95418
Phone: (707) 485-8781
Fax: (707) 485-7893

MIKE ESCHENBACH
477 RASBERRY LANE
FREESTONE, CA. 95472

8/03/01

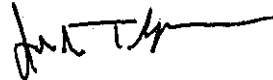
MIKE,

PER YOUR BUILDING OFFICIAL'S REQUIREMENT THIS LETTER ADDRESSES TWO CONDITIONS OF THE TRUSSES AT YOUR JOBSITE:

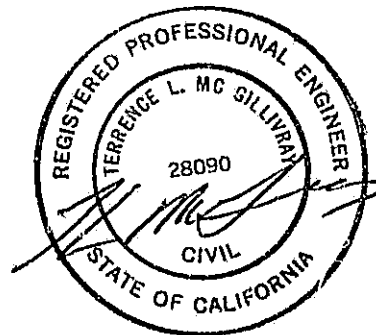
- 1) THE TRUSSES HAVE BEEN MODIFIED BY RIPPING MATERIAL OFF THE TOP CHORD FROM $\frac{3}{4}$ " AT THE WALL FEATHERED TO 0" AT THE PEAK. ATTACH A 2X4 FULL LENGTH TO ONE SIDE AND NAIL OFF WITH 16d 12" O/C STAGGERED.
- 2) ONE TRUSS IS SUPPORTING AN EXISTING 13 FOOT MONO TRUSS. NAIL THE EXISTING TRUSS TO THE NEW TRUSS USING 16d NAILS 12" O/C STAGGERED.

SHOULD YOUR OR YOUR INSPECTOR REQUIRE FURTHER INFORMATION PLEASE DO NOT HESITATE TO CALL.

SINCERELY,



JOHN THOMPSON
ENGINEERING MANAGER



TITLE 24 REPORT

Title 24 Report for:

Keylon Addition
1599 Javore Street
Santa Rosa, CA

Project Designer:

Eschenbach Construction
13055 Bodega Hwy
Freestone, CA 95472
707-823-2524

Report Prepared By:

Jon Mitguard
ENERGY CALC CO.
3255 KERNER BLVD., #5
SAN RAFAEL, CA 94901
(415) 457-0990

Job Number:

1206KEY

Date:

12/6/00

The EnergyPro computer program has been used to perform the calculations summarized in this compliance report. This program has approval and is authorized by the California Energy Commission for use with both the Residential and Nonresidential 1998 Building Energy Efficiency Standards.

This program developed by Gabel Dodd/EnergySoft, LLC (415) 883-5900.

TABLE OF CONTENTS

Cover Page	1
- Table of Contents	2
- Form CF-1R Certificate of Compliance	3
Form MF-1R Mandatory Measures Checklist	5
Form C-2R Computer Method Summary	6
HVAC System Heating and Cooling Loads Summary	9

Certificate of Compliance: Residential

(Part 2 of 2) **CF-1R**

Keylon Addition
Project Title

12/6/00
Date

HVAC SYSTEMS Note: Input Hydronic or Combined Hydronic data under Water Heating Systems, except Design Heating Load.

Heating Equipment Type (furnace, heat pump, etc.)	Minimum Efficiency (AFUE/HSPF)	Distribution Type and Location (ducts, attic, etc.)	Duct or Piping R-Value	Thermostat Type	Location / Comments
Central Furnace	78% AFUE	Ducts in Attic	4.2	Setback	Res HVAC

Cooling Equipment Type (air conditioner, heat pump, evap. cooling)	Minimum Efficiency (SEER)	Duct Location (attic, etc.)	Duct R-Value	Thermostat Type	Location / Comments
No Cooling	10.0 SEER	Ducts in Attic	4.2	Setback	Res HVAC

WATER HEATING SYSTEMS

Water Heater System Name	Water Heater Type	Distribution Type	# in Syst.	Rated Input Btu/hr ¹	Tank Cap. (gal)	Energy Fact. ¹ or Recovery Efficiency	Standby Loss (%) ¹	External Tank Insul. R-Value

¹ For small gas storage (rated inputs of less than or equal to 75,000 Btu/hr), electric resistance and heat pump water heaters, list energy factor.
¹ For large gas storage water heaters (rated input of greater than 75,000 Btu/hr), list Rated Input, Recovery Efficiency and Standby Loss.
¹ For instantaneous gas water heaters, list Rated Input and Recovery Efficiency.

REMARKS

COMPLIANCE STATEMENT

This certificate of compliance lists the building features and performance specifications needed to comply with Title 24, Parts 1 and 6 of the California Code of Regulations, and the administrative regulations to implement them. This certificate has been signed by the individual with overall design responsibility. When this certificate of compliance is submitted for a single building plan to be built in multiple orientations, any shading feature that is varied is indicated in the Special Features/Remarks section.

Designer or Owner (per Business & Professions Code)

Name: _____
 Title/Firm: Eschenbach Construction
 Address: 13055 Bodega Hwy
Freestone, CA 95472
 Telephone: 707-823-2524
 Lic. #: _____

Documentation Author

Name: Jon Milguard
 Title/Firm: ENERGY CALC CO.
 Address: 3255 KERNER BLVD., #5
SAN RAFAEL, CA 94901
 Telephone: (415) 457-0990

(signature)

(date)

Jon Milguard
 (signature)

12/6/00
 (date)

Enforcement Agency

Name: _____
 Title/Firm: _____
 Address: _____
 Telephone: _____

(signature/stamp)

(date)

Mandatory Measures Checklist: Residential

MF-1R

NOTE: Lowrise residential buildings subject to the Standards must contain these measures regardless of the compliance approach used. Items marked with an asterisk (*) may be superseded by more stringent compliance requirements listed on the Certificate of Compliance. When this checklist is incorporated into the permit documents, the features noted shall be considered by all parties as binding minimum component specifications.

DESCRIPTION Instructions: Check or Initial applicable boxes or enter N/A if not applicable.	DESIGNER	ENFORCEMENT
Building Envelope Measures		
<input checked="" type="checkbox"/> *§ 150(a): Minimum R-19 ceiling insulation in wood frame assembly, or equivalent U-value.		
<input type="checkbox"/> § 150(b): Loose fill insulation manufacturer's labeled R-value.		
<input checked="" type="checkbox"/> *§ 150(c): Minimum R-13 wall insulation in framed walls or equivalent U-value (does not apply to exterior mass walls).		
<input checked="" type="checkbox"/> *§ 150(d): Minimum R-13 raised floor insulation in wood framed floors.		
<input type="checkbox"/> § 150(l): Slab edge insulation - water absorption rate < 0.3%, water vapor transmission rate < 2.0 perm/inch.		
<input checked="" type="checkbox"/> § 118: Insulation specified or installed meets quality standards. Indicate type and form.		
<input checked="" type="checkbox"/> § 116-17: Fenestration Products, Exterior Doors and Infiltration/Exfiltration Controls 1. Doors and windows between conditioned and unconditioned spaces designed to limit air leakage. 2. Manufactured fenestration products labeled with certified U-value, SHGC, and infiltration certification. 3. Exterior doors and windows weatherstripped; all joints and penetrations caulked and sealed.		
<input type="checkbox"/> § 150(g): Vapor barriers mandatory in Climate Zones 14 and 16 only.		
<input type="checkbox"/> § 150(f): Special infiltration barrier installed to comply with Section 151 meets Commission quality standards.		
<input type="checkbox"/> § 150(e): Installation of Fireplaces, Decorative Gas Appliances and Gas Logs. 1. Masonry and factory-built fireplaces have closable doors, outside air intake with damper and control, and flue damper and control; 2. No continuous burning gas pilots allowed.		
Space Conditioning, Water Heating and Plumbing System Measures		
<input type="checkbox"/> § 110-13: HVAC equipment, water heaters, showerheads and faucets certified by the Commission.		
<input type="checkbox"/> § 150(h): Heating and/or cooling loads calculated in accordance with ASHRAE, SMACNA or ACCA.		
<input type="checkbox"/> § 150(i): Setback thermostat on applicable heating and/or cooling systems.		
<input type="checkbox"/> § 150(j): Pipe and Tank Insulation 1. Storage gas water heaters with less than 0.58 energy factor shall be externally wrapped with R-12. 2. Back-up tanks for solar system, unfired storage tanks, or other indirect hot water tanks have R-12 external insulation or R-16 combined internal/external insulation, piping between heat source and tank insulated. 3. Insulation on the first 5' of pipes closest to water heater tank, non-recirculating systems (R-4 or greater), buried or exposed piping in recirculating sections of hot water systems, cooling system piping below 55 deg F.		
<input checked="" type="checkbox"/> *§ 150(m): Ducts and Fans 1. All ducts and plenums constructed, installed, insulated, fastened, and sealed to comply with the ICBO 1997 UMC sections 601-603; ducts insulated to a minimum installed R-4.2 or ducts enclosed entirely within conditioned space. Openings shall be sealed with mastic, tape aerosol sealant or other duct closure system that meets the applicable requirements of UL181, UL181S, or UL181B and other applicable specified test for longevity given in 150(m). 2. Exhaust fans systems have back draft or automatic dampers. 3. Gravity ventilating systems serving conditioned space have either automatic or readily accessible, manually operated dampers.		
<input type="checkbox"/> § 114: Pool and Spa Heating Systems and Equipment 1. Certified with 78% thermal efficiency, on-off switch, weatherproof instructions, no pilot or electric resistance heating. 2. System is installed with at least 36" of pipe between filter and heater, cover for outdoor pools or spas. 3. Pool system has directional inlets and a circulation pump time switch.		
<input type="checkbox"/> § 115: Central Furnaces, pool heaters, spa heaters or household cooking appliances have no constant pilot light.		
Lighting Measures		
<input type="checkbox"/> § 150(k)1: Luminaires for general lighting in kitchens shall have lamps with an efficacy 40 lumens/watt or greater for general lighting in kitchens. This general lighting shall be controlled by a switch on a readily accessible lighting control panel at an entrance to the kitchen.		
<input type="checkbox"/> § 150(k)2: Rooms with a shower or bathtub must either have at least one luminaire with lamps with an efficacy of 40 lumens/watt or greater switched at the entrance to the room or one of the alternative to this requirement allowed in 150(k)2.; and recessed ceiling are IC (Insulation cover) approved.		
EnergyPro 2.1 By EnergySoft User Number: 1005 Job Number: 1206KEY Page: 5 of 9		

Computer Method Summary

(Part 3 of 3)

C-2R

Keylon Addition
Project Title

12/6/00
Date

THERMAL MASS FOR HIGH MASS DESIGN

Type	Area (sf)	Thick. (in.)	Heat Cap.	Cond.	Form 3 Reference	Inside R-Val.	Location Comments

PERIMETER LOSSES

Type	Length	F2 Factor	Insulation R-Val.	Depth	Location / Comments

HVAC SYSTEMS

Heating Equipment Type (furnace, heat pump, etc.)	Minimum Efficiency (AFUE/HSPF)	Distribution Type and Location (ducts/attic, etc.)	Duct R-Value	Thermostat Type	Location / Comments
Central Furnace	78% AFUE	Ducts in Attic	4.2	Setback	Res HVAC

Hydronic Piping System Name	Pipe Length	Pipe Diameter	Insul. Thick.

Cooling Equipment Type (air conditioner, heat pump, evap. cooling)	Minimum Efficiency (SEER)	Duct Location (attic, etc.)	Duct R-Value	Thermostat Type	Location / Comments
No Cooling	10.0 SEER	Ducts in Attic	4.2	Setback	Res HVAC

WATER HEATING SYSTEMS

Water Heater System Name	Water Heater Type	Distribution Type	# in Syst.	Rated ¹ Input (Btu/hr)	Tank Cap. (gal)	Energy Fact ¹ or Recovery Efficiency	Standby Loss (%)	Tank Insul. R-Value Ext.

¹ For small gas storage (rated input <= 75000 Btu/hr), electric resistance and heat pump water heaters, list energy factor. For large gas storage water heaters (rated input > 75000 Btu/hr), list Rated Input, Recovery Efficiency and Standby Loss. For instantaneous gas water heaters, list Rated Input, and Recovery Efficiency.

REMARKS

CEC Standard

Run Initiation Time: 12/06/00 09:49:30 Run Code: 976124970

HVAC SYSTEM HEATING AND COOLING LOADS SUMMARY

PROJECT NAME Keylon Addition	DATE 12/6/00
SYSTEM NAME Res HVAC	FLOOR AREA 105

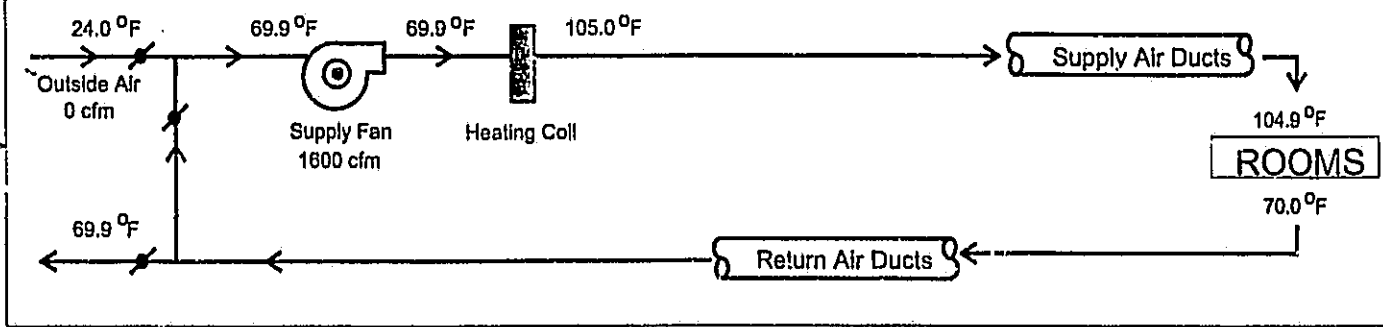
ENGINEERING CHECKS	
Number of Systems	1
Heating System	
Output per System	99,000
Total Output (Btuh)	99,000
Output (Btuh/sqft)	942.9
Cooling System	
Output per System	0
Total Output (Btuh)	0
Total Output (Tons)	0.0
Total Output (Btuh/sqft)	0.0
Total Output (sqft/Ton)	0.0
Air System	
CFM per System	1,600
Airflow (cfm)	1,600
Airflow (cfm/sqft)	15.24
Airflow (cfm/Ton)	0.0
Outside Air (%)	0.0
Outside Air (cfm/sqft)	0.00

	COIL COOLING PEAK			COIL HTG. PEAK	
	CFM	Sensible	Latent	CFM	Sensible
Total Room Loads	59	1,446	-22	50	1,893
Return Vented Lighting		0			
Return Air Ducts		72			95
Return Fan		0			0
Ventilation	0	0	0	0	0
Supply Fan		0			0
Supply Air Ducts		72			95
TOTAL SYSTEM LOAD		1,591	-22		2,082

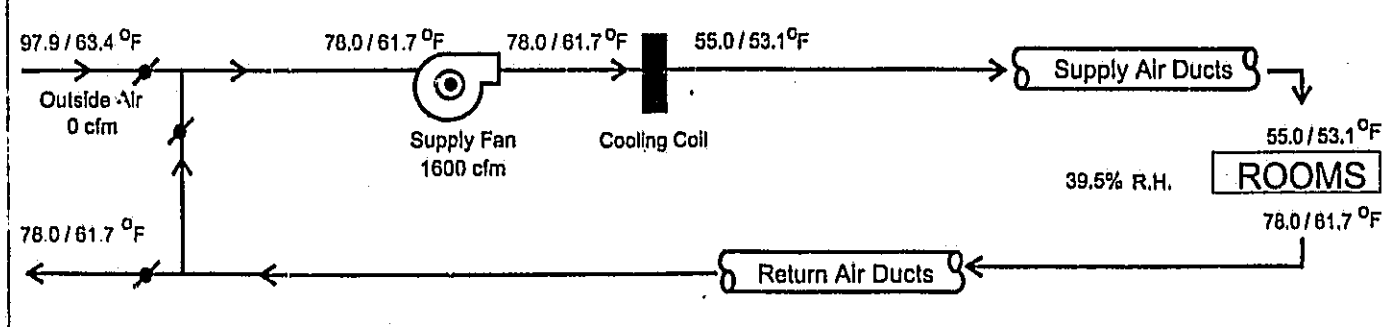
HVAC EQUIPMENT SELECTION			
Existing FAU	0	0	99,000
Total Adjusted System Output (Adjusted for Peak Design Conditions)			99,000
TIME OF SYSTEM PEAK		Aug 2 pm	Jan 12 am

Note: values above given at ARI conditions

HEATING SYSTEM PSYCHROMETRICS (Airstream Temperatures at Time of Heating Peak)



COOLING SYSTEM PSYCHROMETRICS (Airstream Temperatures at Time of Cooling Peak)



Job: 8807 Mark: A Quantity: 1 Type: FI Span: 280000 PL-ML: 50500 Left OH: 2-4-0 P Right OH: 0 P
 WILLIS ESCHENBACH imported jobs

WT	1-705	1-705	PLATE	SIZE	TYPE	X	Y
A	-16-8-0	0	3.00	8.00	LOCK 20	7.91	1.19
B	0	0	5.00	6.31	LOCK 20	0.00	0.00
C	18-8-0	0	2.00	1.21	LOCK 20	7.00	1.19
D	-2-4-0	0	4.00	6.31	LOCK 20	0.00	0.00

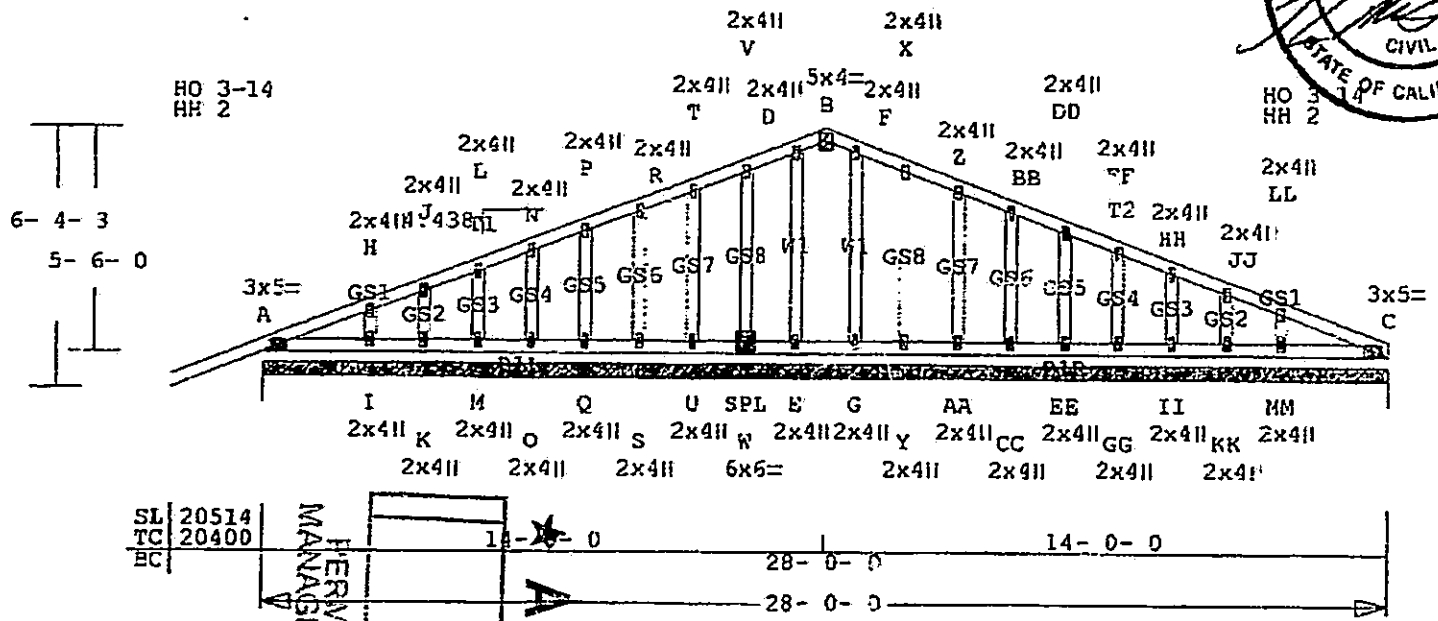
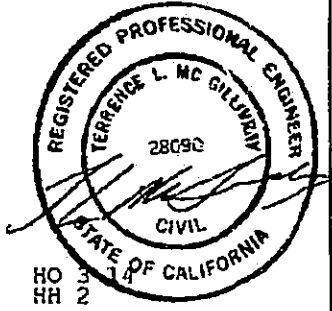
LOCK 20 Grip-tag values max=487.3 min=201.3

Max CIX Top 0.07
 Max CIX Bot 0.04
 Max CIX Mem 0.03

Top Chords
 2x 4 875-818
 Bottom Chords
 2x 4 875-818
 Cable Brds
 2x 4 875-874M

- NOTES:
- Trusses manufactured by: PIEDMONT LUMBER, CALIFORNIA, CA.
 - Analysis conforms to: SEC IANR1/TP1 1-1993.
 - Optional design used.
 - Supports: member stress - dead.
 - LATERAL BRACING
 Top Chord: continuous
 Str Chord: continuous

Load Case Reaction
 Standard Loading 74



SL 20514
 TC 20400
 EC

HERMIT AND RESOURCE MANAGEMENT DEPARTMENT

JUN 12 2001

APPROVED

ALL PLATES ARE LOCK20

Scale: 0.250" = 1'

DESIGNED AND MANUFACTURED BY:
PIEDMONT LUMBER & TRUSS
 CALIFORNIA, CA.
 PHONE 707-485-8781
 FAX 485-7893

REFER TO INSTALLATION MANUAL AND PANEL INFORMATION SHEETS BEFORE ERECTING THIS TRUSS. PIEDMONT IS NOT THE ENGINEER OF RECORD ON THIS PROJECT. THIS IS A COMPONENT OF THE HERMIT AND RESOURCE MANAGEMENT DEPARTMENT. LIABILITY IS LIMITED TO THIS TRUSS ONLY.

Standard Loading	
TC Live	15 psf
TC Dead	9 psf
BC Live	0 psf
BC Dead	5 psf
Total	30 psf
Lumber #2	1.25
Plate #2	1.25
Spacing	24.0 in.

Designer:
 Checker:
 Reviewer:
 Design Date:
 Revision No:
 Rev. Date:
 Run Date: 06/12/01
 Version: 9.0.012
 Drawing: A

Jun 14 01 09:43a E'bach Inc 707 823 2574 P.1

FROM : Piedmont Calpella PHONE NO. : 1 707 485 7893 Jun. 14 2001 09:00AM P2

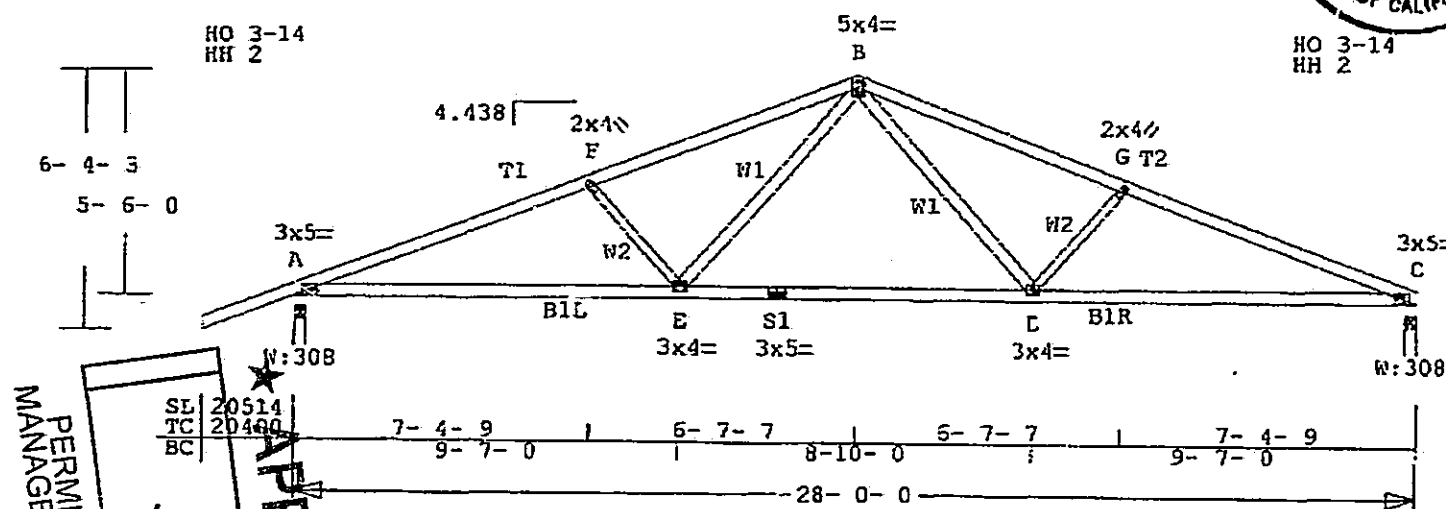
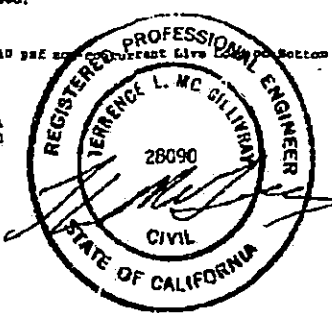
Job: 5807 Mark: A1 Quantity: 5 Type: FI Span: 280000 FL-M1: 50600 Left OH: 2- 4- 0 P Right OH: 0 P
 WILLIS RECHENBACK imported jobs

CT	1-POS	2-POS	PLATE	SIZE	TYPE	X	Y	MEMBER	CSK	MEMBER	CSK	MEMBER	CSK	MEMBER	CSK	MEMBER	CSK
1	16- 8- 8	3- 4- 0	3.00 x	5.00	LOCK 20	7.54	3.38	A - F	0.35	1245C	7- 4- 9	F - B	0.35	248C	Bottom Chords	2E & DFL-028	
2	14- 8- 0	0- 0- 0	3.00 x	5.00	LOCK 20	7.14	3.14	B - D	0.35	1245C	6- 7- 7	F - B	0.35	480C	Bottom Chords	2E & DFL-028	
3	1- 2- 0	1- 8- 0	3.00 x	5.00	LOCK 20	7.14	3.14	B - D	0.35	1245C	6- 7- 7	B - D	0.35	317C	Wabe	W2	21 & DFL-SEAM
4	1- 2- 0	1- 8- 0	3.00 x	5.00	LOCK 20	7.14	3.14	B - D	0.35	1245C	6- 7- 7	B - D	0.35	317C	Wabe	W1	22 & DFL-SEAM
5	1- 4- 0	1- 8- 0	3.00 x	5.00	LOCK 20	7.14	3.14	B - D	0.35	1245C	6- 7- 7	B - D	0.35	317C	Wabe	W1	22 & DFL-SEAM
6	1- 4- 0	1- 8- 0	3.00 x	5.00	LOCK 20	7.14	3.14	B - D	0.35	1245C	6- 7- 7	B - D	0.35	317C	Wabe	W1	22 & DFL-SEAM
7	1- 4- 0	1- 8- 0	3.00 x	5.00	LOCK 20	7.14	3.14	B - D	0.35	1245C	6- 7- 7	B - D	0.35	317C	Wabe	W1	22 & DFL-SEAM
8	1- 4- 0	1- 8- 0	3.00 x	5.00	LOCK 20	7.14	3.14	B - D	0.35	1245C	6- 7- 7	B - D	0.35	317C	Wabe	W1	22 & DFL-SEAM
9	1- 4- 0	1- 8- 0	3.00 x	5.00	LOCK 20	7.14	3.14	B - D	0.35	1245C	6- 7- 7	B - D	0.35	317C	Wabe	W1	22 & DFL-SEAM
10	1- 4- 0	1- 8- 0	3.00 x	5.00	LOCK 20	7.14	3.14	B - D	0.35	1245C	6- 7- 7	B - D	0.35	317C	Wabe	W1	22 & DFL-SEAM
11	1- 4- 0	1- 8- 0	3.00 x	5.00	LOCK 20	7.14	3.14	B - D	0.35	1245C	6- 7- 7	B - D	0.35	317C	Wabe	W1	22 & DFL-SEAM
12	1- 4- 0	1- 8- 0	3.00 x	5.00	LOCK 20	7.14	3.14	B - D	0.35	1245C	6- 7- 7	B - D	0.35	317C	Wabe	W1	22 & DFL-SEAM
13	1- 4- 0	1- 8- 0	3.00 x	5.00	LOCK 20	7.14	3.14	B - D	0.35	1245C	6- 7- 7	B - D	0.35	317C	Wabe	W1	22 & DFL-SEAM
14	1- 4- 0	1- 8- 0	3.00 x	5.00	LOCK 20	7.14	3.14	B - D	0.35	1245C	6- 7- 7	B - D	0.35	317C	Wabe	W1	22 & DFL-SEAM
15	1- 4- 0	1- 8- 0	3.00 x	5.00	LOCK 20	7.14	3.14	B - D	0.35	1245C	6- 7- 7	B - D	0.35	317C	Wabe	W1	22 & DFL-SEAM
16	1- 4- 0	1- 8- 0	3.00 x	5.00	LOCK 20	7.14	3.14	B - D	0.35	1245C	6- 7- 7	B - D	0.35	317C	Wabe	W1	22 & DFL-SEAM
17	1- 4- 0	1- 8- 0	3.00 x	5.00	LOCK 20	7.14	3.14	B - D	0.35	1245C	6- 7- 7	B - D	0.35	317C	Wabe	W1	22 & DFL-SEAM
18	1- 4- 0	1- 8- 0	3.00 x	5.00	LOCK 20	7.14	3.14	B - D	0.35	1245C	6- 7- 7	B - D	0.35	317C	Wabe	W1	22 & DFL-SEAM
19	1- 4- 0	1- 8- 0	3.00 x	5.00	LOCK 20	7.14	3.14	B - D	0.35	1245C	6- 7- 7	B - D	0.35	317C	Wabe	W1	22 & DFL-SEAM
20	1- 4- 0	1- 8- 0	3.00 x	5.00	LOCK 20	7.14	3.14	B - D	0.35	1245C	6- 7- 7	B - D	0.35	317C	Wabe	W1	22 & DFL-SEAM

Max Deflection is 0.24" in Member D-C

ACTUAL:
 1. Trusses Manufactured by: PIEDMONT LUMBER, CALIFORNIA, CA.
 2. Analysis Conforms To: OBC (ASCE/Ref 1-1995).
 3. Empirical Analysis used.
 4. Repetitive Member screws used.
 5. LATERAL BRACING
 Top Chord: Continuous
 Bottom Chord: Continuous
 6. Design includes check for 10 psf snow load on bottom chord.

LoadCase actions
 Standard Loading 562 636
 Auto WTC LL Check 715 670



PERMIT AND REPAIR PROJECT
 MANAGEMENT DEPARTMENT
 JUN 12 2001
 APPROVED

PIEDMONT LUMBER TRUSS
 CALIFORNIA, CA.
 PHONE 707-485-3781
 FAX 485-7833

REFER TO INSTALLATION, DESIGN AND FABRICATION INFORMATION SHEETS BEFORE ERECTING THIS TRUSS. PIEDMONT IS NOT THE ENGINEER OF RECORD ON THIS PROJECT. THIS IS A COMPONENT OF A STRUCTURE DESIGNED BY OTHERS. LIABILITY IS LIMITED TO THIS TRUSS ONLY.

Standard Loading	16 psf	Designer:	
YC Live	3 psf	Checker:	
YC Dead	0 psf	Reviewer:	
YC Live	0 psf	Design Date:	
YC Dead	5 psf	Revision No:	
Total	30 psf	Rev. Date:	
Lumber SI	1.25	Pub Date:	06/12/01
Plate SI	1.25	Version:	9.0.013
spacing	24.0 in.	Drawing:	A1

Jun 14 01 09:43a FROM : Piedmont Calpella E'bach Inc 707 823 2574
 PHONE NO. : 1 707 485 7893 Jun. 14 2001 09:01AM P3 P.3