

CITY OF SACRAMENTO
1231 I Street, Sacramento, CA 95814

Permit No: 0012408
Insp Area: 1

Site Address: 590 PALA WY SAC
Parcel No: 004-0261-010

Sub-Type: NSFR
Housing (Y/N): N

CONTRACTOR
UNIQUE CONSTRUCTION
5046 FRUITRIDGE RD
SAC CA

OWNER
BAUER
590 PALA WY
SACRAMENTO CA 95819

ARCHITECT

Nature of Work: INT. REMODEL:MOVE W/DRYER REPLACE APPLIANCES, INSTALL FRENCH DOORS, REMOVE INTERIOR WALL

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 422037 Date 10/16/2000 Contractor Signature [Signature]

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 Professions 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).

PAID
CITY OF SACRAMENTO
OCT 16 2000

I am exempt under Sec. _____ B & PC for this reason: _____
Date _____ Owner Signature [Signature]

NEIGHBORHOODS PLANNING
AND DEVELOPMENT SERVICES

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 10/16/2000 Applicant/Agent Signature [Signature]

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 1254803-99

Exp Date 01/01/2001

(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 10/16/2000 Applicant Signature [Signature]

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.

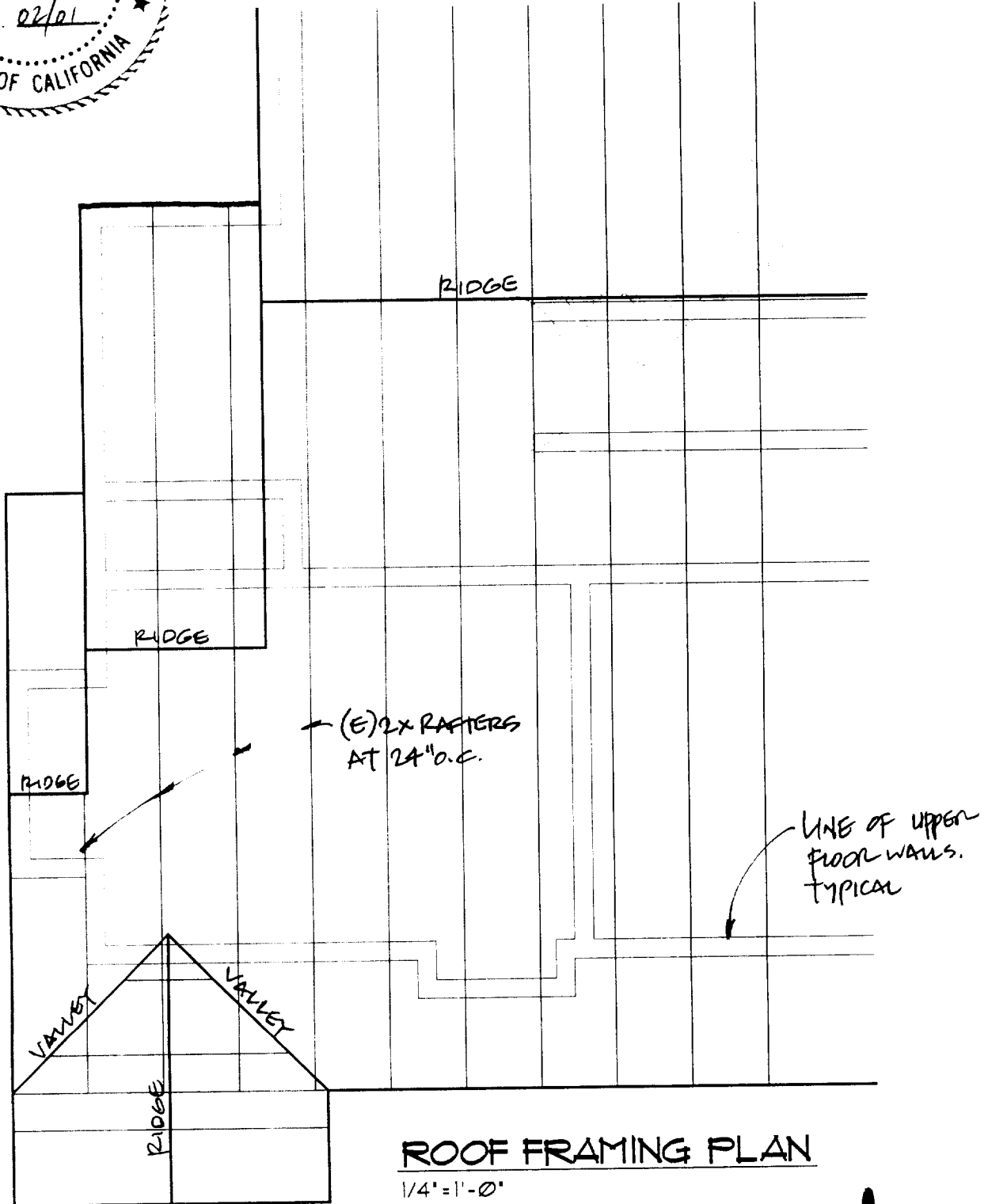
THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT COMMENCED WITHIN 180 DAYS.

0012408R

BAUER REMODEL

590 PALA WAY
SACRAMENTO.
11/8/00

IR

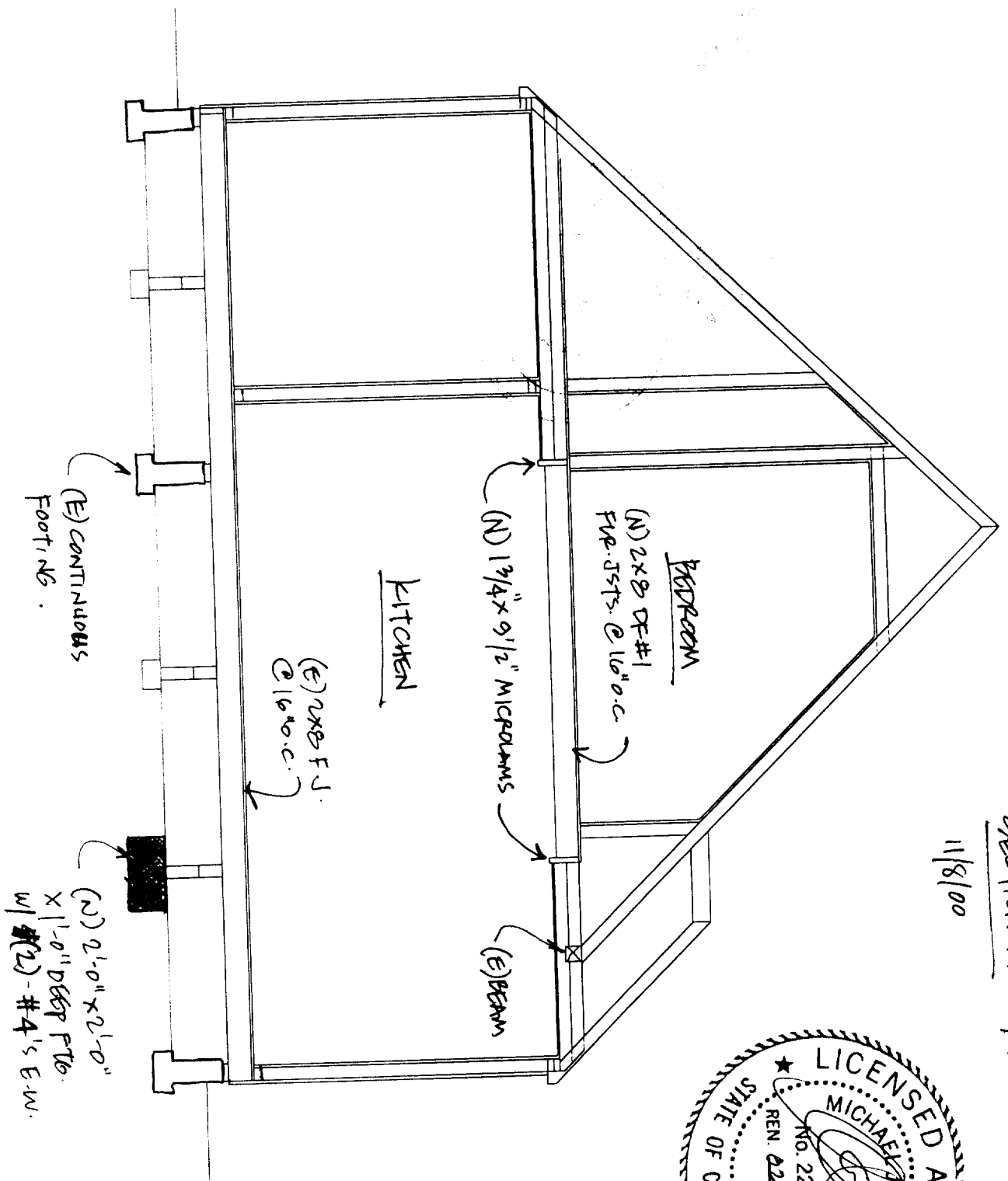
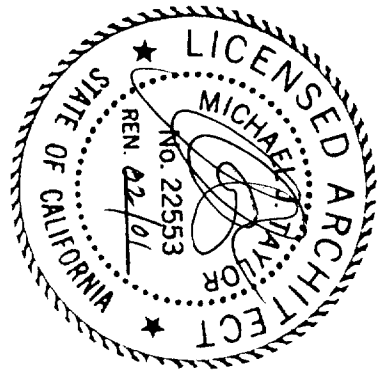


Revisions reviewed
Matt P. 11/9/00

BAYER REMOVE

SECTION A 1/4" = 1'-0"

11/8/00

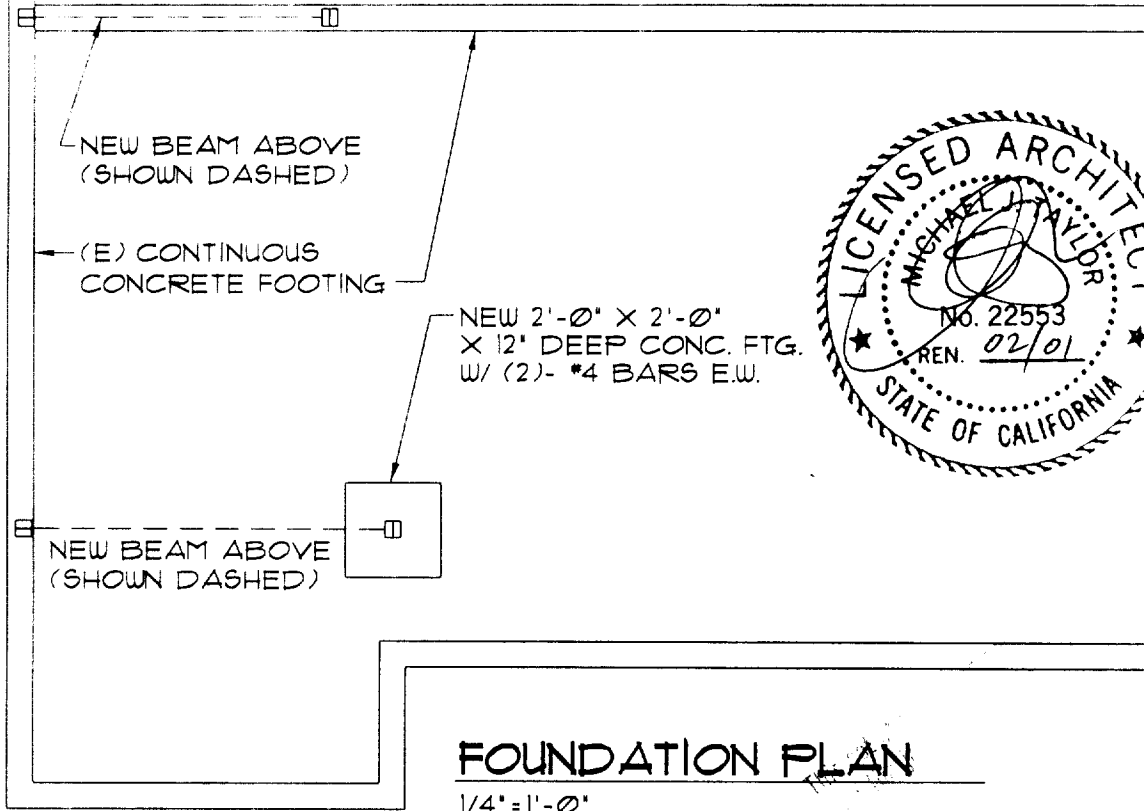


→ A

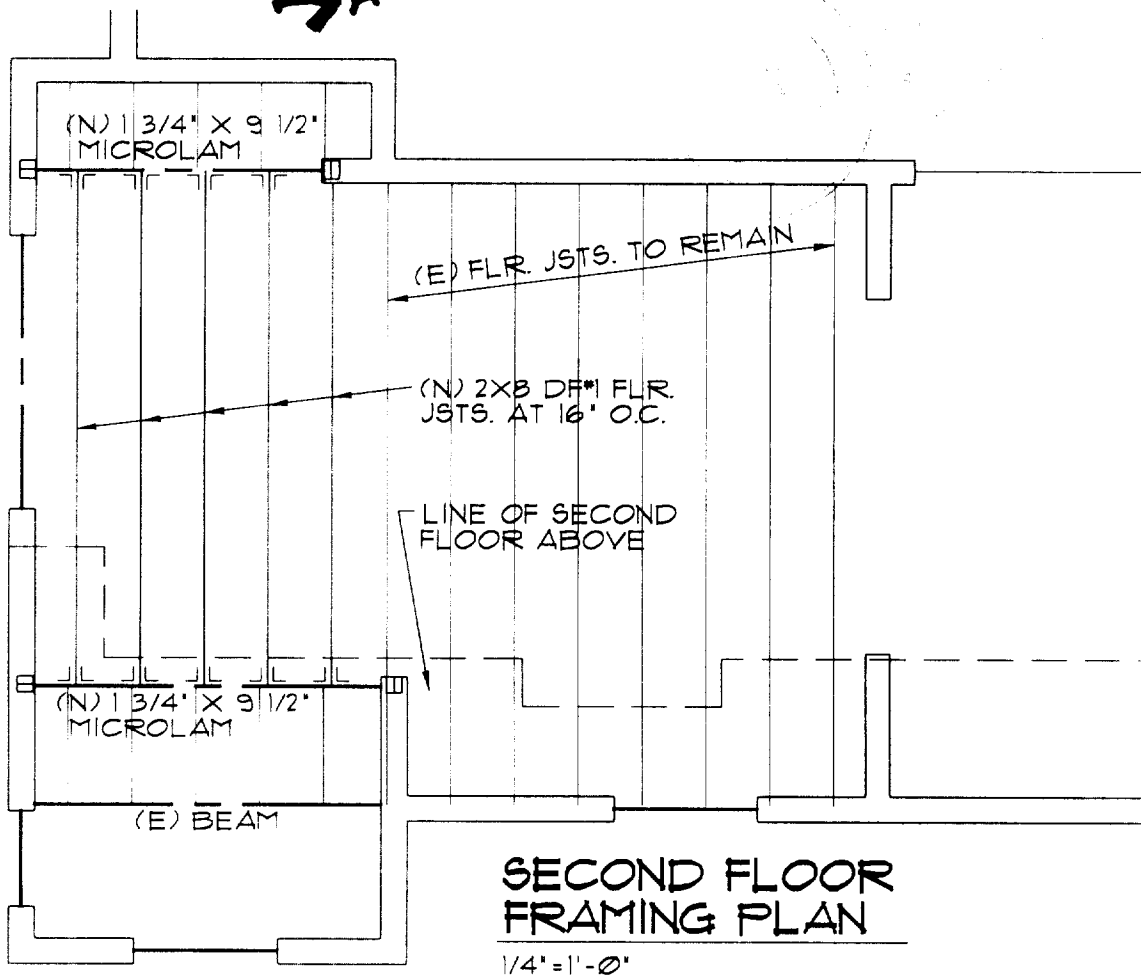
BAUER REMODEL

11/8/00

590 PALM WAY, SACTO



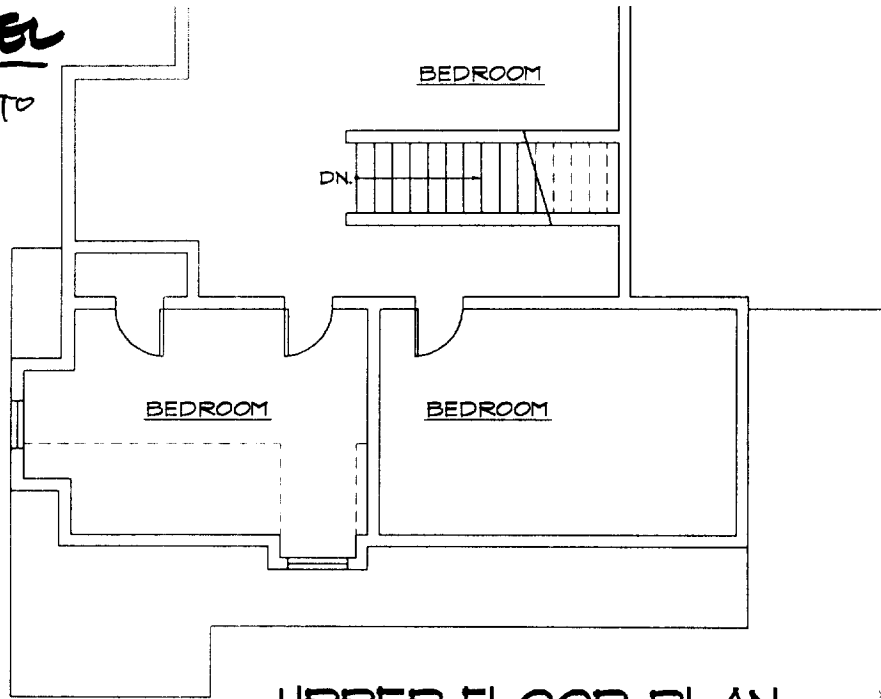
↳ A



BAUER REMODEL

590 PALA WAY, SACTO

11/8/00

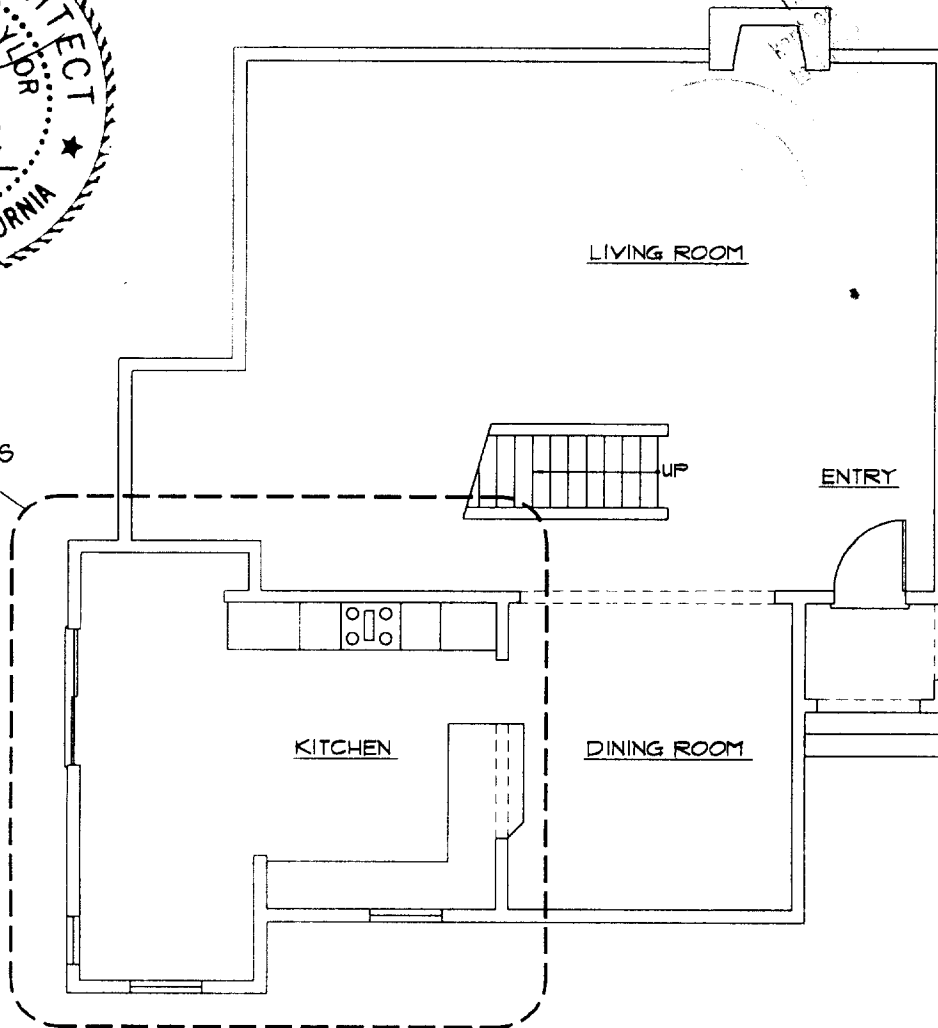


UPPER FLOOR PLAN

1/8" = 1'-0"



AREA OF WORK -
SEE APPROVED
PLANS BY OTHERS
FOR MORE INFO.



LOWER FLOOR PLAN

1/8" = 1'-0"

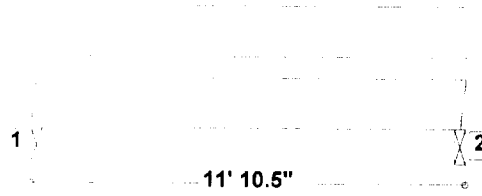




ALTERNATE FLOOR JOIST

J-Beam™ v5 45 Serial Number: 7000008683
BEAMUSA 1111 10/17/2000 12:27:45 PM
Page 1 of 1 Build Code: 124

1.5" x 7.25" 1.7E SOLID SAWN DOUGLAS FIR #1 @ 16.0" o/c
THIS PRODUCT MEETS OR EXCEEDS THE SET DESIGN CONTROLS FOR THE APPLICATION AND LOADS LISTED



Product Diagram is Conceptual.

LOADS:

Analysis for Joist Member Supporting FLOOR - RES. Application. Loads(psf): 40 Live at 100% duration, 10 Dead, 0 Partition

SUPPORTS:

| | INPUT | BEARING | | REACTIONS(lbs.) | | |
|--------|-------|---------|---------------|-------------------|--------|----------|
| | WIDTH | LENGTH | JUSTIFICATION | LIVE/ DEAD/ TOTAL | DETAIL | OTHER |
| 1 Beam | 3.50" | 3.5" | Left Face | 317 / 79 / 396 | | Blocking |
| 2 Beam | 3.50" | 3.5" | Right Face | 317 / 79 / 396 | | Blocking |

DESIGN CONTROLS:

| | MAXIMUM | DESIGN | CONTROL | CONTROL | LOCATION |
|-----------------|---------|--------|---------|---------------|------------------------------------|
| Shear(lb) | 382 | 336 | 689 | Passed(49%) | Lt. end Span 1 under Floor loading |
| Moment(ft-lb) | 1094 | 1094 | 1314 | Passed(83%) | MID Span 1 under Floor loading |
| Live Defl.(in) | | 0.255 | 0.286 | Passed(L/538) | MID Span 1 under Floor loading |
| Total Defl.(in) | | 0.319 | 0.573 | Passed(L/431) | MID Span 1 under Floor loading |

- Deflection Criteria: STANDARD(LL: L/480, TL:L/240).
- Bracing(Lu): All compression edges (top and bottom) must be braced at 8' 4" o/c unless detailed otherwise. Proper attachment and positioning of lateral bracing is required to achieve member stability.
- The allowable shear stress (Fv) has not been increased due to the potential of splits, checks and shakes. See NDS for applicability of increase.

ADDITIONAL NOTES:

- IMPORTANT! The analysis presented is output from software developed by Trus Joist. The specific product application, input design loads, and stated dimensions have been provided by the software user. This output has not been reviewed by a Trus Joist Associate.
- Solid sawn lumber analysis is in accordance with 1991 NDS methodology and is solely presented for comparison purposes. Program limitations and assumptions about this analysis are available through the software's On-line Help. Trus Joist does not warrant the analysis nor the performance of solid sawn lumber materials.
- Allowable Stress Design methodology was used for Code UBC analyzing the solid sawn lumber material listed above.

PROJECT INFORMATION

NEW HOME BUILDING SUPPLY
Curtis Sharpe (916) 455-3057
UNIQUE CONSTRUCTION
BAUER RESIDENCE
Sacramento, California

OPERATOR INFORMATION:

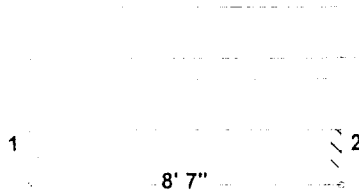
WEYERHAEUSER
TOM MANEELY
1925 ENTERPRISE BLVD.,
WEST SACRAMENTO, CALIFORNIA 95691
(916) 371-1000
(916) 371-6919



Load Check with ROOF LOAD

1.75" x 9.5" 1.9E Microllam® LVL

THIS PRODUCT MEETS OR EXCEEDS THE SET DESIGN CONTROLS FOR THE APPLICATION AND LOADS LISTED



Product Diagram is Conceptual.

LOADS:

Analysis for Beam Member Supporting FLOOR - RES. Application. Tributary Load Width: 8'
 Loads(psf): 40 Live at 100% duration, 10 Dead, 0 Partition, and:

| TYPE | CLASS | LIVE | DEAD | LOCATION | APPLICATION | COMMENT |
|--------------|-------------|------|------|------------|-------------|-----------|
| Uniform(plf) | Floor(1.00) | 0 | 80 | 0 to 8' 7" | Adds to | WALL LOAD |
| Uniform(plf) | Roof(1.25) | 100 | 75 | 0 to 8' 7" | Adds to | ROOF LOAD |

SUPPORTS:

| | INPUT | BEARING | JUSTIFICATION | REACTIONS(lbs.) | | DETAIL | OTHER |
|---|--------|--------------|---------------|--------------------|--|--------|-------|
| | | | | LIVE/ DEAD/ TOTAL | | | |
| 1 | Column | 3.50" x 3.5" | Left Face | 1802 / 1028 / 2831 | | Other: | |
| 2 | Column | 3.50" x 3.5" | Right Face | 1802 / 1028 / 2831 | | Other: | |

DESIGN CONTROLS:

| | MAXIMUM | DESIGN | CONTROL | CONTROL | LOCATION |
|-----------------|---------|--------|---------|---------------|------------------------------------|
| Shear(lb) | 2721 | 1795 | 3159 | Passed(57%) | Lt. end Span 1 under Floor loading |
| Moment(ft-lb) | 5612 | 4761 | 5887 | Passed(81%) | MID Span 1 under Floor loading |
| Live Defl.(in) | | 0.210 | 0.275 | Passed(L/471) | MID Span 1 under Roof loading |
| Total Defl.(in) | | 0.330 | 0.412 | Passed(L/300) | MID Span 1 under Roof loading |

- Deflection Criteria: STANDARD(LL: L/360, TL: L/240).
- Bracing(Lu): All compression edges (top and bottom) must be braced at 2' 8" o/c unless detailed otherwise. Proper attachment and positioning of lateral bracing is required to achieve member stability.

ADDITIONAL NOTES:

- IMPORTANT! The analysis presented is output from software developed by Trus Joist. Trus Joist warrants the sizing of its products by this software will be accomplished in accordance with Trus Joist product design criteria and code accepted design values. The specific product application, input design loads, and stated dimensions have been provided by the software user. This output has not been reviewed by a Trus Joist Associate.
- Not all products are readily available. Check with your supplier or Trus Joist technical representative for product availability.
- THIS ANALYSIS FOR TRUS JOIST PRODUCTS ONLY! PRODUCT SUBSTITUTION VOIDS THIS ANALYSIS.
- Allowable Stress Design methodology was used for Code NER analyzing the Trus Joist Residential product listed above.

PROJECT INFORMATION

NEW HOME BUILDING SUPPLY
 Curtis Sharp (916) 455-3057
 UNIQUE CONSTRUCTION
 BAUER RESIDENCE
 Sacramento, California

OPERATOR INFORMATION:

WEYERHAEUSER
 TOM MANEELY
 1925 ENTERPRISE BLVD.,
 WEST SACRAMENTO, CALIFORNIA 95691
 (916) 371-1000
 (916) 371-6919



TJ-Beam v5.45 Serial Number: 7000008683
 BEAMUSA 1111 10/17/2000 12:27:45 PM
 Page 1 of 1

Supplemental Report for 1.5" x 7.25" 1.7E SOLID SAWN DOUGLAS FIR #1 @ 16.0" o/c

Member Information:
 ALTERNATE FLOOR JOIST

Project Information:
 NEW HOME BUILDING SUPPLY
 Curtis Sharpe (916) 455-3057
 UNIQUE CONSTRUCTION
 BAUER RESIDENCE
 Sacramento, California

Operator Information:
 WEYERHAEUSER
 TOM MANEELY
 1925 ENTERPRISE BLVD.,
 WEST SACRAMENTO, CALIFORNIA 95691
 (916) 371-1000
 (916) 371-6919

~ 11' - 9.50" ~

| | | |
|--|---------|---------|
| Max. Vertical Reaction Total(lb) | 396 | 396 |
| Live(lb) | 317 | 317 |
| Required Bearing Length(in) | 1.50(S) | 1.50(S) |
| Max. Unbraced Length(in) | | 100 |
| Floor loading on all members, LDF = 1.00 | | |
| Shear (lb) | 382 | -382 |
| Reaction(lb) | 396 | 396 |
| Moment(ft-lb) | | 1094 |
| Live Defl.(in) | | 0.255 |
| Total Defl.(in) | | 0.319 |
| Dead load, LDF = 0.90 | | |
| Shear (lb) | 76 | -76 |
| Reaction(lb) | 79 | 79 |
| Moment(ft-lb) | | 019 |

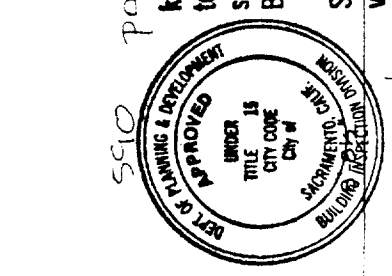
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ISSUED

OCT 16 2000

Sacramento Building Division

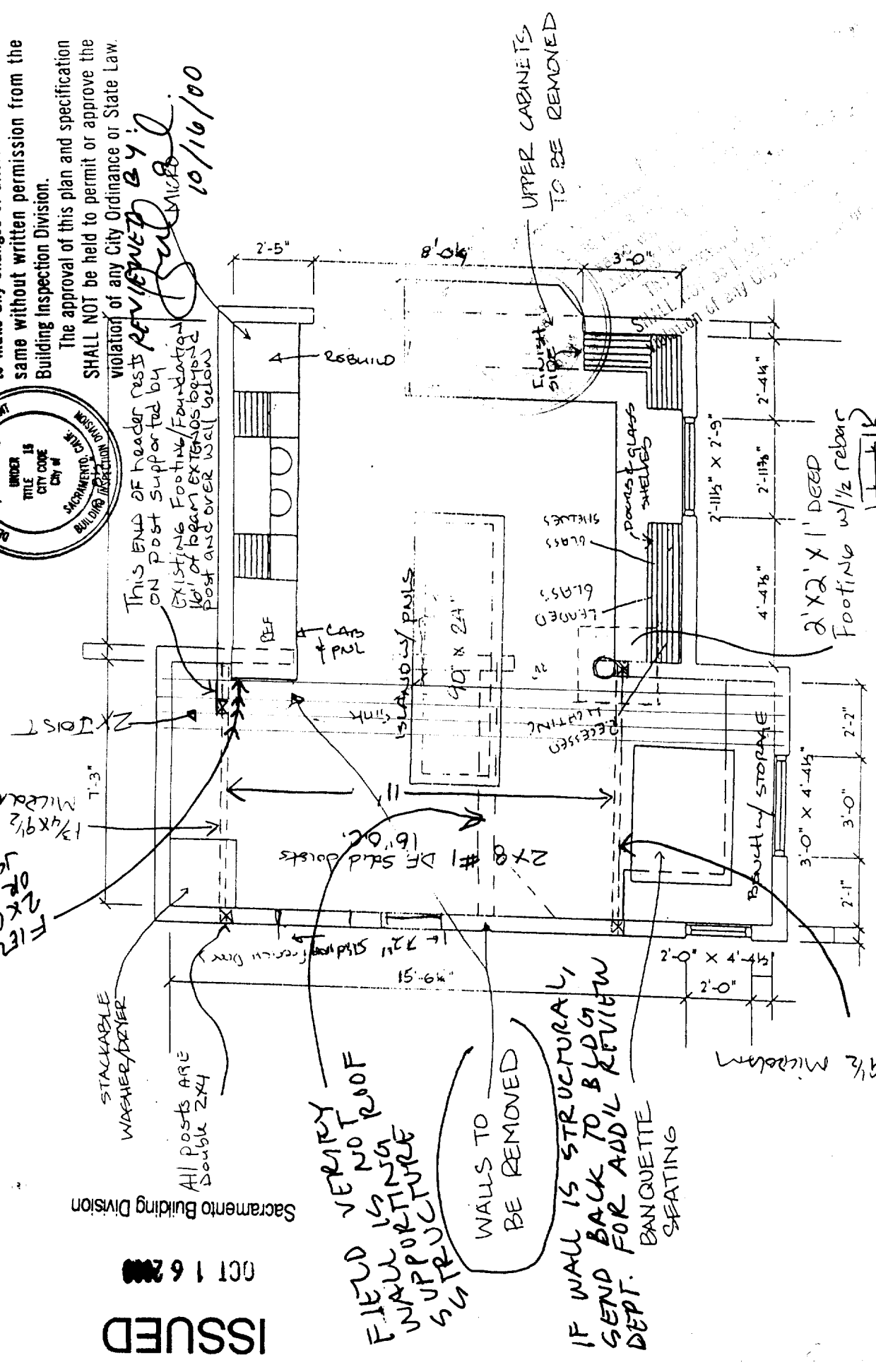
FIELD VERIFY
2X6 @ 16" O.C.
2X8 @ 16" O.C.
2X10 @ 16" O.C.
2X12 @ 16" O.C.
2X14 @ 16" O.C.
2X16 @ 16" O.C.
2X18 @ 16" O.C.
2X20 @ 16" O.C.
2X22 @ 16" O.C.
2X24 @ 16" O.C.
2X26 @ 16" O.C.
2X28 @ 16" O.C.
2X30 @ 16" O.C.
2X32 @ 16" O.C.
2X34 @ 16" O.C.
2X36 @ 16" O.C.
2X38 @ 16" O.C.
2X40 @ 16" O.C.
2X42 @ 16" O.C.
2X44 @ 16" O.C.
2X46 @ 16" O.C.
2X48 @ 16" O.C.
2X50 @ 16" O.C.
2X52 @ 16" O.C.
2X54 @ 16" O.C.
2X56 @ 16" O.C.
2X58 @ 16" O.C.
2X60 @ 16" O.C.
2X62 @ 16" O.C.
2X64 @ 16" O.C.
2X66 @ 16" O.C.
2X68 @ 16" O.C.
2X70 @ 16" O.C.
2X72 @ 16" O.C.
2X74 @ 16" O.C.
2X76 @ 16" O.C.
2X78 @ 16" O.C.
2X80 @ 16" O.C.
2X82 @ 16" O.C.
2X84 @ 16" O.C.
2X86 @ 16" O.C.
2X88 @ 16" O.C.
2X90 @ 16" O.C.
2X92 @ 16" O.C.
2X94 @ 16" O.C.
2X96 @ 16" O.C.
2X98 @ 16" O.C.
2X100 @ 16" O.C.



pay 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.

This END OF header rests ON post supported by existing Footing/Foundation 16" of beam extends below post and over wall below

REVIEWED BY: [Signature] 10/16/00



FIELD VERIFY
FIELD IS NO ROOF
WALL IS SUPPORTING
STRUCTURE

WALLS TO BE REMOVED

IF WALL IS STRUCTURAL,
SEND BACK TO BLDG DEPT.
FOR ADD'L REVIEW

BANQUETTE SEATING

UPPER CABINETS TO BE REMOVED

PAUER RESIDENCE
SCALE: 1/4" = 1'-0"

Structural Systems
2221 Claremont Road
Carmichael, CA 95608
Phone: (916) 488-7654
Fax: (916) 483-0171

Structural Systems

Fax

To: Matt Parisek **From:** Gates Poore
Fax: (916) 264-7046 **Date:** November 9, 2000
Phone: **Pages:** 4 (Including this cover)
Re: Bauer Remodel **CC:**

Urgent **For Review** **Please Comment** **Please Reply** **Please Recycle**

•Comments:

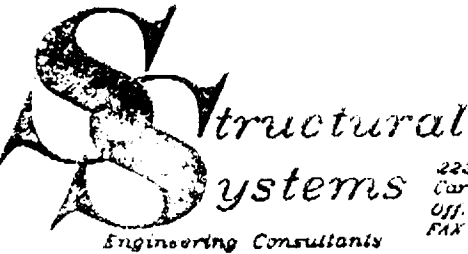
Matt:

Here is my calculation for the two kitchen ceiling support beams that carry part of the roof, walls above and the floor loads. I have assumed composite roofing and standard 10 psf floor dead load and 40 psf standard live load. One beam (6'-5" span) carries half the roof loads, wall dead load and half the floor loads. I have subtracted 40 plf and 10 plf from the added floor load in order to compensate for the tributary area of 1'-0" that the program insists on applying. Note that the beam spans have been adjusted to reflect the actual condition. The 7'-9" beam does not have to carry any of the roof load because the original beam continues to carry it.

If you have any questions please call me.



Gates Poore P.E.



2221 Claremont Road
Claremont, Ca 95004
OFF: (916) 483-7111
FAX: (916) 483-0111

BAUER REMODEL
590 DALL WAY
SACRAMENTO, CA



LOADS FOR 2ND F. SUPPORT BM @ KITCHEN E. SIDE
Span = 6'-5"

BEAM CARRIES FLOOR LOADS & ROOF LOADS

ROOF DL = 10 pft x (1/2 x 22.5) = 112.5 #/ft

(I'm assuming (N) WALL ACTS AS RIDGE SUPPORT)

" LL = 16 pft x (1/2 x 22.5) = 180 #/ft

WALL DL = (1.0' x 2.2' + 1.0' x 2.2') x 8.5 = 36 #/ft

1.0' TRIB. WIDTH OF RM.

FLOOR DL = 10 pft x (10.83 + 2.0) = 64 #/ft

} = 100 pft - 10 pft = 90 #/ft

1.0' TRIB. WIDTH OF RM.

LL = 40 pft x (10.83 + 2.0) = 256.6 #/ft

= 256.6 - 40 = 216.6

TOT. DL = 112.5 + 36 + 64 = 212 #/ft

" LL = 180 + 256.6 = 436.6 #/ft

USE - 1.75 x 9.25" 1.8 E MICROHM LVL

(SEE COMP. PG. SHT # 2 OF 3)

STRESS RATIO = 39% < 100 % CONSERVATIVE

$\Delta_T = L/697 < L/240 \Rightarrow$ OK.

Beam w/ 7'-9" SPAN

FLOOR LOADS ONLY, ROOF RAFTERS CARRIED BY (E) BEAM

DL = 10 (FLOOR DL (10.83 + 2.5)) + 3 x 36 = 174.6 #/ft - 10 = 164.6 #/ft

TRIB. WIDTH BM

LL = 40 (FLOOR DL (10.83 + 2.5)) = 266.6 #/ft - 40 = 226.6 #/ft

TRIB. WIDTH BM

USE 1.75 x 9.25 1.8 MICRO-LVL LVL

STRESS RATIO = 50% < 100 % CONSERVATIVE

$\Delta_T = L/591 < L/240 \Rightarrow$ OK.

547 #2 OF 3
11/9/00 GMP

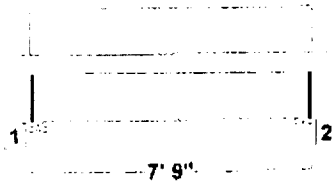


BAUER RESIDENCE

1.75" x 9.25" 1.8E Microllam® LVL

TJ-Beam™ v5.55 Serial Number: 700106119
BEAMUSA 1111 11/9/00 2:27:42 PM
Page 1 of 1 Build Code: 146

THIS PRODUCT MEETS OR EXCEEDS THE SET DESIGN CONTROLS FOR THE APPLICATION AND LOADS LISTED



Product Diagram is Conceptual.

LOADS:

Analysis for Beam Member Supporting FLOOR - RES. Application. Tributary Load Width: 1'
Loads(psf): 40 Live at 100% duration; 10 Dead; 0 Partition; and:

| TYPE | CLASS | LIVE | DEAD | LOCATION | APPLICATION | COMMENT |
|--------------|-------------|-------|-------|------------|-------------|---------|
| Uniform(psf) | Floor(1.00) | 226.6 | 164.6 | 0 to 7' 9" | Adds to | |

SUPPORTS:

| | INPUT | BEARING | REACTIONS(lbs.) | | | | |
|---|---------------|---------|-----------------|-------------------|-------|--------|-------------------------|
| | WIDTH | LENGTH | LIVE/DEAD/TOT | PLY | DEPTH | DETAIL | OTHER |
| 1 | 2x6 Stud Wall | 5.50" | 4.25" | 1033 / 694 / 1727 | 1 | 9.2" | Detail A3 1.25" LSL Rim |
| 2 | 2x6 Plate | 5.50" | 4.25" | 1033 / 694 / 1727 | 1 | 9.2" | Detail A3 1.25" LSL Rim |

- See TJ SPECIFIER'S / BUILDER'S GUIDES for detail(s). A3.

DESIGN CONTROLS:

| | MAXIMUM | DESIGN | CONTROL | CONTROL | LOCATION |
|------------------|---------|--------|---------|---------------|------------------------------------|
| Shear(lb) | 1578 | 1179 | 3076 | Passed(38%) | Lt. end Span 1 under Floor loading |
| Moment(ft-lb) | 2795 | 2795 | 5602 | Passed(50%) | MID Span 1 under Floor loading |
| Live Defl. (in) | | 0.086 | 0.236 | Passed(L/989) | MID Span 1 under Floor loading |
| Total Defl. (in) | | 0.144 | 0.354 | Passed(L/591) | MID Span 1 under Floor loading |

- Deflection Criteria: STANDARD(LL L/360, TL:L/240)
- Bracing(Lu). All compression edges (top and bottom) must be braced at 2' 8" o/c unless detailed otherwise. Proper attachment and positioning of lateral bracing is required to achieve member stability.

ADDITIONAL NOTES:

- IMPORTANT! The analysis presented is output from software developed by Trus Joist (TJ). TJ warrants the sizing of its products by this software will be accomplished in accordance with TJ product design criteria and code accepted design values. The specific product application, input design loads, and stated dimensions have been provided by the software user. This output has not been reviewed by a TJ Associate.
- Not all products are readily available. Check with your supplier or TJ technical representative for product availability.
- THIS ANALYSIS FOR TRUS JOIST PRODUCTS ONLY! PRODUCT SUBSTITUTION VOIDS THIS ANALYSIS.
- Allowable Stress Design methodology was used for Code NER analyzing the TJ Residential product listed above.

OPERATOR NOTES

GMP



PROJECT INFORMATION

2ND FLOOR SUPPORT @ KITCHEN W/ 7'-9" SPAN

OPERATOR INFORMATION:

STRUCTURAL SYSTEMS
Gates Poore
2221 CLAREMONT RD
CARMICHAEL, CA 95608
916-488-7654
916-483-0171

Sheet # 9 of 3
11/9/00 G.M.P.



TJ-Beam™ v5.55 Serial Number: 700106119
BEAMUSA 11/11 11/9/00 1:56:28 PM
Page 1 of 1 Build Code: 146

BAUER RESIDENCE
1.75" x 9.25" 1.8E Microllam® LVL

THIS PRODUCT MEETS OR EXCEEDS THE SET DESIGN CONTROLS FOR THE APPLICATION AND LOADS LISTED



Product Diagram is Conceptual.

LOADS:

Analysis for Beam Member Supporting FLOOR - RES. Application. Tributary Load Width: 1'
Loads(psf): 40 Live at 100% duration; 10 Dead; 0 Partition; and:

| TYPE | CLASS | LIVE | DEAD | LOCATION | APPLICATION | COMMENT |
|--------------|-------------|-------|-------|------------|-------------|---------|
| Uniform(plf) | Roof(1.25) | 180 | 112.5 | 0 to 6' 5" | Adds to | |
| Uniform(plf) | Floor(1.00) | 216.6 | 90 | 0 to 6' 5" | Adds to | |

SUPPORTS:

| | INPUT WIDTH | BEARING LENGTH | REACTIONS(lbs) LIVE/DEAD/TOT. | PLY | DEPTH | DETAIL | OTHER |
|---|---------------|----------------|--------------------------------|-------------------|-------|--------|-------------------------|
| 1 | 2x6 Stud Wall | 5.50" | 4.25" | 1402 / 697 / 2099 | 1 | 9.2" | Detail A3 1.25" LSL Rim |
| 2 | 2x8 Plate | 5.50" | 4.25" | 1400 / 696 / 2095 | 1 | 9.2" | Detail A3 1.25" LSL Rim |

See TJ SPECIFIER'S / BUILDER'S GUIDES for detail(s): A3.

DESIGN CONTROLS:

| | MAXIMUM | DESIGN | CONTROL | CONTROL | LOCATION |
|-----------------|---------|--------|---------|----------------|-----------------------------------|
| Shear(lb) | 1881 | 1295 | 3845 | Passed(34%) | Lt. end Span 1 under Roof loading |
| Moment(ft-lb) | 2706 | 2706 | 7002 | Passed(39%) | MID Span 1 under Roof loading |
| Live Defl.(in) | | 0.066 | 0.192 | Passed(L/999+) | MID Span 1 under Roof loading |
| Total Defl.(in) | | 0.099 | 0.288 | Passed(L/697) | MID Span 1 under Roof loading |

- Deflection Criteria: STANDARD(LL: L/360, TL:L/240).
- Bracing(Lu): All compression edges (top and bottom) must be braced at 2' 8" o/c unless detailed otherwise. Proper attachment and positioning of lateral bracing is required to achieve member stability

ADDITIONAL NOTES:

- IMPORTANT! The analysis presented is output from software developed by Trus Joist (TJ). TJ warrants the sizing of its products by this software will be accomplished in accordance with TJ product design criteria and code accepted design values. The specific product application, Input design loads, and stated dimensions have been provided by the software user. This output has not been reviewed by a TJ Associate.
- Not all products are readily available. Check with your supplier or TJ technical representative for product availability.
- THIS ANALYSIS FOR TRUS JOIST PRODUCTS ONLY! PRODUCT SUBSTITUTION VOIDS THIS ANALYSIS.
- Allowable Stress Design methodology was used for Code NER analyzing the TJ Residential product listed above.

OPERATOR NOTES

GMP



PROJECT INFORMATION

2ND FLOOR SUPPORT @ KITCHEN

OPERATOR INFORMATION:

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