

CITY OF SACRAMENTO
1231 I Street, Sacramento, CA 95814

Permit No: 0516782

Insp Area: 2

Thos Bros:

Sub-Type: NSFR

Housing (Y/N): N

Site Address: 9 BATESON CT SAC

Parcel No: SHELDON WHITEHOUSE PH.1 LOT #45

CONTRACTOR
CENTEX HOMES
2527 CAMINO RAMON STE. #250
SAN RAMON, CA 94583

OWNER

ARCHITECT
RITNER ARCHITECTURAL GROUP
20201 SW BIRCH ST. STE. 150
NEWPORT BEACH, CA 92660

Nature of Work: MP2444 2 STORY 10 RM 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 _____ License Number 825943 Date _____ Contractor 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 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 _____ Applicant/Agent 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 ZURICH AMERICAN INSUR Policy Number WC8322097-08 Exp Date 10/01/2005

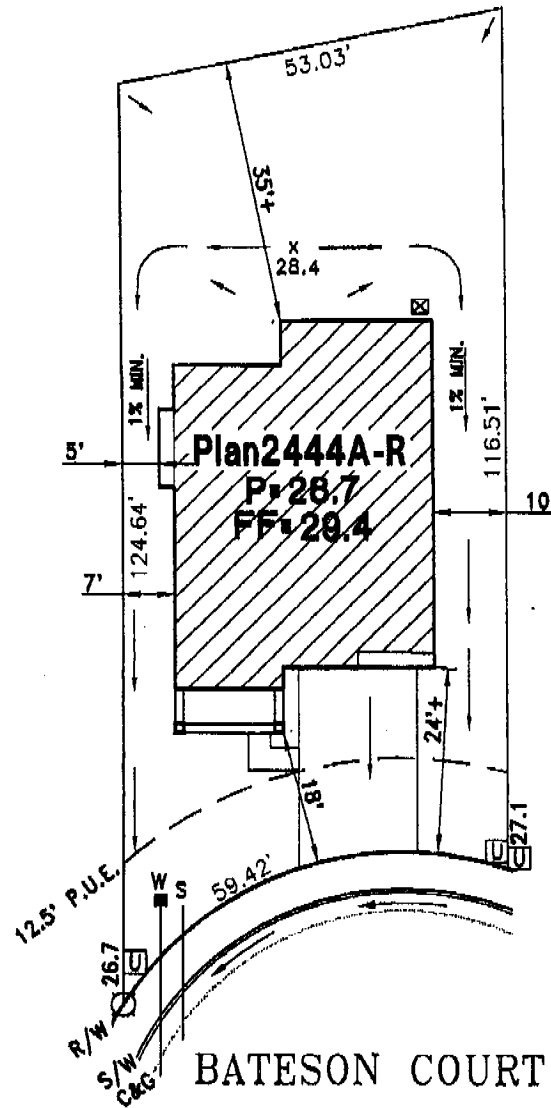
_____, (This section need not be completed if the permit is for \$100 or less) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California and agree that if I should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

Date _____ Applicant Signature _____

WARNING: FAILURE TO SECURE WORKERS 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.

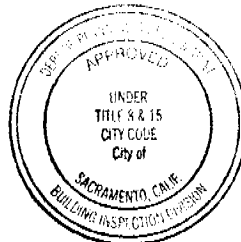
THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT COMMENCED WITHIN 180 DAYS.

THIS PLOT PLAN IS NOT FOR SALES PURPOSES. THIS PLOT PLAN IS FOR THE PURPOSES OF INDICATING COMPLIANCE WITH ZONING SET BACKS, GENERAL DRAINAGE DIRECTION, AND APPROXIMATE UTILITY CONNECTION. ALL OTHER DATA SHOWN HEREON IS CONCEPTUAL. THIS PLOT PLAN DOES NOT REFLECT AS-BUILT CONDITION. RETAINING WALLS ARE OPTIONAL AND MAY OR MAY NOT BE CONSTRUCTED.



LEGEND

- AC UNIT LOCATION
- DRAIN INLET
- SEWER SERVICE
- WATER SERVICE
- STREET LIGHT
- TRANSFORMER
- UTILITY BOX
- STREET LIGHT SERVICE POINT
- FIRE HYDRANT
- STOP SIGN



This set of plans are to be used only for the project on the job at all times and are not to be used to make any changes or alterations to 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.

SHELDON WHITEHOUSE - PHASE 2
CENTEX HOMES
PLOT PLAN FOR LOT 45

A.P.N.:
LOT AREA: 5,914 S.F.
ADDRESS: 9 BATESON COURT
CITY OF SACRAMENTO, CALIFORNIA

WOOD RODGERS
ENGINEERING - PLANNING - MAPPING - SURVEYING
8001 O STREET, SUITE 100-S, SACRAMENTO, CA 95816
PHONE (916) 841-7766 FAX (916) 841-7767

9/28/2005	DAM	1212.003
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J:\Jobs\1212- Sheldon - Whitehouse - Sheldon - Whitehouse\Sheldon - Whitehouse\101 45.dwg 10/04/05 11:11am dimerio



POST OFFICE BOX 277700 • SACRAMENTO, CALIFORNIA 95827-7700 • TELEPHONE (916) 383-6501
5150 FLORIN-PERKINS ROAD • SACRAMENTO, CALIFORNIA 95826-4810 • FAX (916) 383-8157

May 25, 2006

Centex Homes
Serenade Subdivision Lot 245

To whom it may concern:

The extended top chord portion of Trusses A18 and A19 (the sloping top chord extending above the flat top chord section at J4 or J11) may be field trimmed as required to accommodate a hip corner rafter or other framing member.

The flat section may not be modified in any manner.

Should you have further questions regarding this matter, please feel free to contact me.

Sincerely,

Tim M. Ball
VP Manufactured Components

9 BATESON CT

0516782

PLEASE MICROFILM

Dolan's Truss

POST OFFICE BOX 277700, SACRAMENTO, CA 95827
PHONE: (916) 383-6501
FAX: (916) 383-2931

FAX COVER SHEET

PLEASE DELIVER THE FOLLOWING PAGE(S) TO:

NAME:

COMPANY NAME: SGN CONSTRUCTION

FAX NUMBER: 525-2269

DATE: 5-25-2006

TOTAL PAGES (INCLUDING COVER): 3

SENDER: TIM BALL

COMMENTS: LETTER FOR CUTTING THE EXTENDED TOP CHORD SECTION OF
TRUSSES A18 & A19 ON LOT 245 FOLLOWS.....

9 BATESON CT

0516782

Job	Truss	Truss Type	Qty	Ply	VALID FOR TRUSSES A18 AND A19. (optional)
H2-049	A18-A19	CAL HIP	2	1	

DOLAN'S LUMBER, Sacramento, CA

4.201 SR1 s Nov 16 2000 MITek Industries, Inc. Tue Jun 11 09:59:54 2002 Page 1

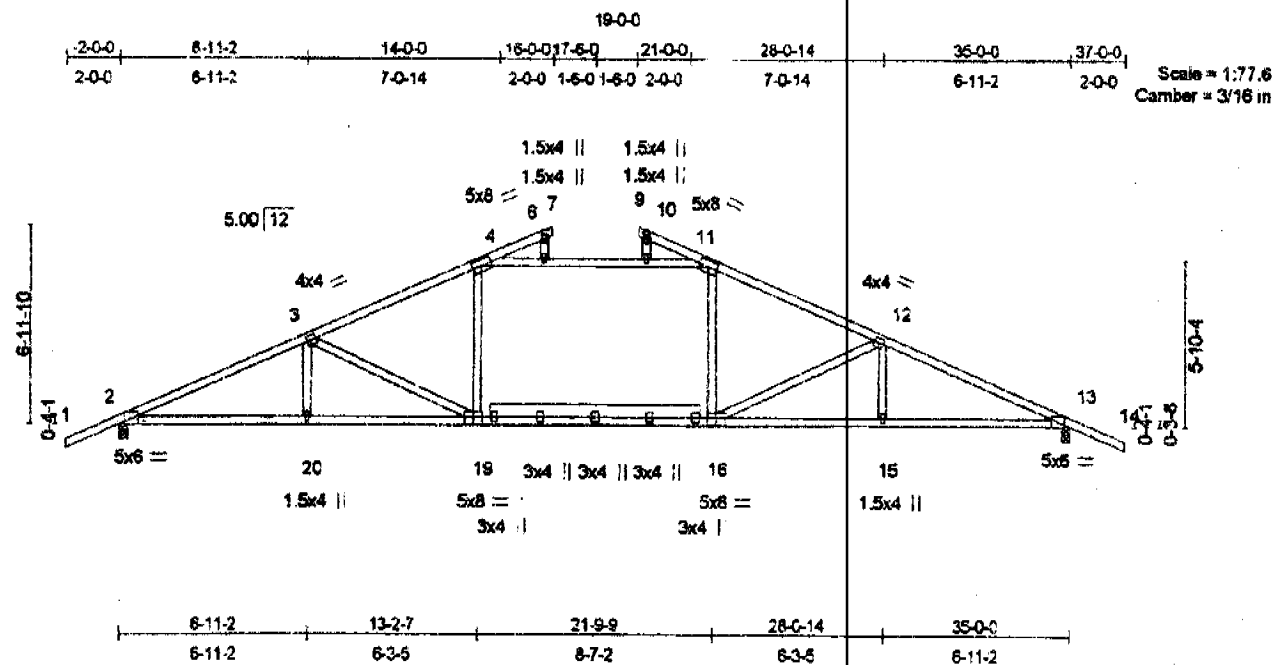


Plate Offsets (X,Y): [2'-0-2.5, Edge], [13'-0-2.5, Edge], [16'-0-4-0, 0-3-0], [19'-0-4-0, 0-3-0]

LOADING (psf)	SPACING	2'-0-0	CSI	DEFL	in (loc)	Vdefl	PLATES	GRP
TCLL 16.0	Plates Increase	1.25	TC 0.77	Vert(LL)	-0.44 15-16	>943	M1120	220/195
TCDL 14.0	Lumber Increase	1.25	BC 0.72	Vert(TL)	-0.58 15-16	>712		
BCLL 0.0	Rep Stress Incr	NO	WB 0.55	Horz(TL)	0.10 13	n/a		
BCDL 7.0	Code	UBC97/ANSI95	(Matrix)	1st LC LL Min Vdefl	= 360			Weight: 169 lb

LUMBER
 TOP CHORD 2 X 4 DF No.1 & Btr
 BOT CHORD 2 X 4 DF No.1 & Btr "Except"
 17-18 2 X 6 DF No.2
 WEBS 2 X 4 DF Std

BRACING
 TOP CHORD Sheathed or 3-0-15 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

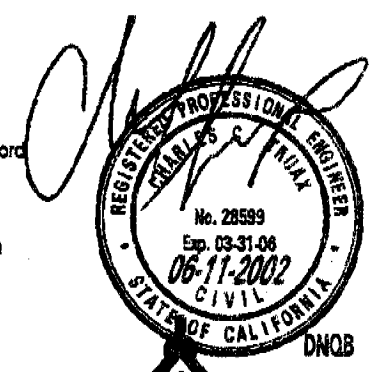
REACTIONS (lb/size) 2=1515/0-3-8, 13=1515/0-3-8
 Max Horz 2=-248(load case 3)
 Max Grav 2=1881(load case 4), 13=1881(load case 3)

FORCES (lb) - First Load Case Only
 TOP CHORD 4-5=-2182, 5-8=-2182, 8-11=-2182, 1-2=45, 2-3=-2983, 3-4=-2448, 4-6=-58, 6-7=-6, 9-10=-6,
 10-11=-58, 11-12=-2448, 12-13=-2983, 13-14=45
 BOT CHORD 2-21=2667, 20-21=2667, 19-20=2667, 18-19=2182, 17-18=2182, 16-17=2182, 15-16=2667,
 15-22=2667, 13-22=2667
 WEBS 4-19=407, 11-16=407, 3-20=95, 3-19=499, 12-16=499, 12-15=95, 5-6=-6, 8-10=-6

- NOTES (7-8)**
- 1) This truss has been checked for unbalanced loading conditions.
 - 2) Provide adequate drainage to prevent water ponding.
 - 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table No. 16-B, UBC-97.
 - 4) This truss has been designed with ANSI/TPI 1-1995 criteria.
 - 5) This truss has been designed for a total drag load of 1800 lb. Connect truss to resist drag loads along bottom chord from 0-0-0 to 1-0-0, 34-0-0 to 35-0-0 for 900.0 plf.
 - 6) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
 - 7) California-Hip/Valley overframing and extended top chords to be supported 24" o.c. for uniform load distribution. Laterally brace flat top chord at indicated spacing. See Standard detail 'A1' for other framing alternatives. (When Applicable)
 - 8) HVAC mechanical load applied in bottom chord panel(s) indicated in load case(s).

LOAD CASE(S) Standard
 Continued on page 2

This individual component is to be used in a building system designed by others. Loading criteria and dimensions were provided by others and must be verified and approved for the specific application by the project design professional. Temporary and permanent bracing design is the responsibility of others. For additional information contact WTCA.



TRU-TRUSS ENGINEERING
 El Dorado Hills, CA 95762

9 BATESON ct

0516782

Please MICR Print

Dolan's Truss

POST OFFICE BOX 277700, SACRAMENTO, CA 95827
PHONE: (916) 383-6501
FAX: (916) 383-2931

FAX COVER SHEET

PLEASE DELIVER THE FOLLOWING PAGE(S) TO:

NAME:

COMPANY NAME: SGN CONSTRUCTION

FAX NUMBER: 525-2269

DATE: 5-25-2006

TOTAL PAGES (INCLUDING COVER): 3

SENDER: TIM BALL

COMMENTS: LETTER FOR CUTTING THE EXTENDED TOP CHORD SECTION OF TRUSSES A2, & A3 ON LOT 245 FOLLOWS.....

9 BATESON CT
0516782



POST OFFICE BOX 277700 • SACRAMENTO, CALIFORNIA 95827-7700 • TELEPHONE (916) 383-6501
5150 FLORIN-PERKINS ROAD • SACRAMENTO, CALIFORNIA 95826-4810 • FAX (916) 383-8157

JUNE 12, 2006

Centex Homes
Serenade Subdivision Lot# 245

To whom it may concern:

The extended top chord portion of Trusses A3 and A2 (the non structural sloping top chord extending above the flat top chord section at joint 4 and joint 7) may be trimmed as required to accommodate a hip corner rafter or other framing member.

The flat section may not be modified in any manner.

Should you have further questions regarding this matter, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads 'Tim M. Ball'.

Tim M. Ball
VP Manufactured Components

TO: Cameron / 9 BATESON CT

FROM: Riccio / DOLANS 0516782

Serenade PLEASE ~~Microfilm~~ Microfilm

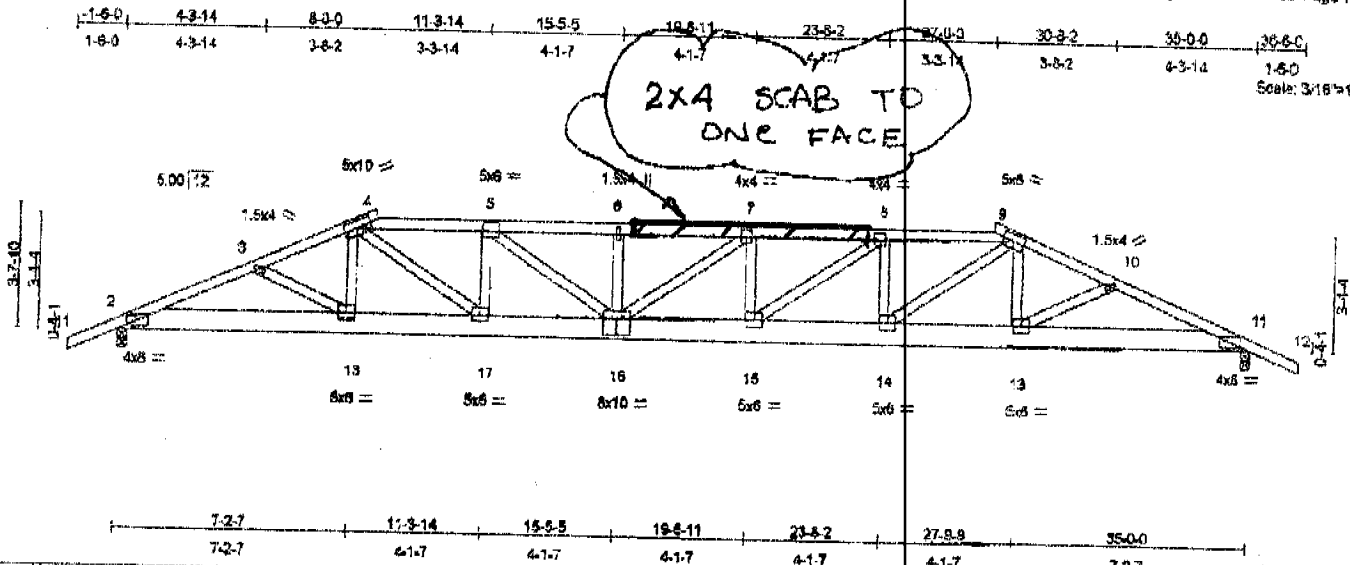
RE: PLAN 2444 A / - RUS A20

fax # 525 - 2269

Truss	Truss Type	City	Ply
H2-049	A20R	CAL HIP	1 2

DOLAN'S LUMBER, Sacramento, CA

Job Reference (optional)
 © 2000 & Jan 21 2005 MITek Industries, Inc. Thu May 25 09:13:59 2006 Page 1



LOADING (psf)	SPACING	OSI	DEPL	PLATES	GRIP
TOLL 18.0	Plates Increase 1.25	TC 0.38	Vert(L) -0.24 16 >999	M120	220/195
TCDL 14.0	Lumber Increase 1.25	BC 0.61	Vert(TL) -0.58 16 >749		
BCLL 0.0	Rep Stress Incr NO	WB 0.60	Horz(TL) 0.07 11 n/a		
BCDL 7.0	Code UBC97/ANSI95	(Matrix)			

Weight: 432 lb

LUMBER
 TOP CHORD 2 X 4 DF No. 1&Btr
 BOT CHORD 2 X 8 DF SS G
 WEBS 2 X 4 DF 5d

BRACING
 TOP CHORD Sheathed or 4-1-3 on purlins.
 BOT CHORD Rigid bracing directly applied or 10-0-0 on bracing.

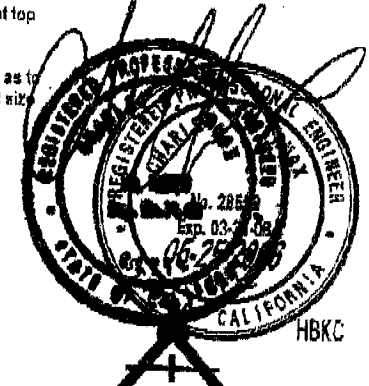
REACTIONS (lb/size) 2=3432/0-3-8, 11=2432/0-3-8

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 4-5=-9912/0, 5-19=-10897/0, 6-19=-10897/0, 6-7=-10897/0, 7-8=-9197/0, 8-9=-7342/0, 1-2=0/41, 2-3=-8138/0, 3-4=-9122/0, 9-10=-5612/0, 10-11=-5716/0, 11-12=0/41
BOT CHORD 2-18=0/7499, 17-18=0/7809, 17-20=0/9965, 20-21=0/9965, 18-21=0/9965, 15-16=0/8197, 14-15=0/7342, 13-14=0/5241, 11-13=0/5254
WEBS 4-18=871/02, 9-13=-30/133, 4-17=0/2872, 5-17=-1134/0, 5-18=0/948, 8-18=-248/0, 7-16=0/1878, 7-15=-1343/0, 8-15=0/2312, 6-14=-1548/0, 9-14=0/2715, 3-18=0/283, 10-13=-14/130

- NOTES (8-12)**
- 2-ply truss to be connected together with 10d Common (148x3") Nails as follows:
 Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 Bottom chords connected as follows: 2 X 8 - 2 rows at 0-7-0 oc.
 Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 - All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
 - Unbalanced roof live loads have been considered for this design.
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - A plate rating reduction of 20% has been applied for the green lumber members.
 - Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1730 lb down at 14-8-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 - California-Hip/Valley overframing and extended top chords to be supported 24" o.c. for uniform load distribution. Laterally brace flat top chord at indicated spacing. See Standard detail 'A1' for other framing alternatives. (When Applicable)
 - REPAIR NOTES:**
 - Truss repair calculations based on information from fabricator/contractor whose responsibility it is to verify the adequacy of repair as to its field application. Return all joints to original position before applying repair. The end distance, edge distance, nail spacing, and size of plywood gussets and/or truss members shall be such as to avoid splitting of the wood.
 - Refer to original engineering for plating information not shown.
 - Field-fit 2x4 #1&Btr DF 8-0" scab to one side of top chord centered on joint 7, attach using 10d nails staggered at 4" o.c. Obtain wood-to-wood tight fitting joints.

LOAD CASE(S) Standard
 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 4-19=-150(F=-90), 9-19=-60, 1-4=-80, 9-12=-60, 2-20=-35(F=-21), 11-20=-14
 Concentrated Loads (lb)
 Vert: 4=-561(F) 21=-1730(F)

This individual component is to be used in a building system designed by others. Loading criteria and dimensions were provided by others and must be verified and approved for the specific application by the project design professional.



TRU-TRUSS ENGINEERING
 P1 Dorado Hills, CA 95762

9 BATESON CT
 0516782

INSTALLATION CERTIFICATE

(page 2 of 4)

CF-6R

Site Address Center Homes - Serenade

0516782

Permit Number

Plan 2444

9 Batson Ct.

FENESTRATION/GLAZING:

Manufacturer/Brand Name (GROUP LIKE PRODUCTS)	Operator Type (e.g., fixed, slider)	Manufactured Products		Site Built Products		Quantity (Options)	Total Square Feet	Comments/ Special Features
		Labelled U-value (or CF-1R value) ²	# of	Default U-Value ²	Price			
1. <u>6230</u>	<u>SH</u>	<u>.31</u>					<u>22.5</u>	
2. <u>6230</u>	<u>HV</u>	<u>.35</u>					<u>213</u>	
3. <u>51001</u>	<u>SD</u>	<u>.31</u>					<u>40</u>	
4. <u>6230</u>	<u>PD</u>	<u>.33</u>					<u>34</u>	
5.								
6.								
7.								
8.								
9.								
10.								
11.								
12.								
13.								
14.								
15.								

² Installed U-value must be less than or equal to value from CF-1R. Alternatively, installed weighted average U-value for the total fenestration area is less than or equal to value from CF-1R.

I, the undersigned, verify that the fenestration/glazing listed above my signature (1) is the actual fenestration product installed; (2) is equivalent to or more efficient than that specified in the certificate of compliance (Form CF-1R) submitted for compliance with the Energy Efficiency Standards for residential buildings; and (3) the product meets or exceeds the appropriate requirements for manufactured devices (from Part 6), where applicable.

<u>4</u>	<u>[Signature]</u> <u>7/2/05</u>	<u>MILGARD MFG.</u>
Item #s (if applicable)	Signature, Date	Installing Subcontractor (Co. Name) OR General Contractor (Co. Name) OR Owner
Item #s (if applicable)	Signature, Date	Installing Subcontractor (Co. Name) OR General Contractor (Co. Name) OR Owner
Item #s (if applicable)	Signature, Date	Installing Subcontractor (Co. Name) OR General Contractor (Co. Name) OR Owner

COPY TO: Building Department
Building Owner at Occupancy

Compliance Forms

July 1, 1995

INSTALLATION CERTIFICATE

Centex - Serenada

CF-6R

Site Address

0516782

Permit Number

9 Bateson Ct.

An installation certificate is required to be posted at the building site or made available for all appropriate inspections. (The information provided on this form is required; however, use of this form to provide the information is optional.) After completion of final inspection a copy must be provided to the building department (upon request) and the building owner at occupancy, per Section 10-103(b).

HVAC SYSTEMS:

Heating Equipment

Table with columns: Equip. Type (pkgs. Heat pump), CRC Certified Mfr name and Model #, # of Identical Systems, (1) Efficiency (AFUE, etc.) > CF-1R value, Duct Location (attic, etc.), Duct or Fiping R-value, Heating Load (Btu/hr), Heating Capacity (Btu/hr), Plan. Includes rows for Furnace models like Lennox G40UH-36A-70.

Cooling Equipment

Table with columns: Equip. Type (pkgs. Heat pump), CRC Certified Compressor Unit Mfr Name and Model #, # of Identical Systems, (1) Efficiency (SEER, etc.) > CF-1R value, Duct Location (attic, etc.), Duct R-value, Cooling Load (Btu/hr), Cooling Capacity (Btu/hr), Plan. Includes rows for Condenser models like Lennox 13ACC-03B.

*TXV - Indicates Thermal Expansion Valve On Coil

(1) > reads greater than or equal to.

I, the undersigned, verify that equipment listed above is: 1) the actual equipment installed; 2) equivalent to or more efficient than that specified to the certificate of compliance (Form CF-1R) submitted for compliance with the Energy Efficiency Standards for residential buildings; and 3) equipment that meets or exceeds the appropriate requirements for manufactured devices (from the Appliance Efficiency Regulations or Part 6), where applicable.

Gregg King 3-29-05
Signature, Date

Beutler Corporation

OR General Contractor (Co. Name) OR Owner

WATER HEATING SYSTEMS:

Table with columns: Heater Type, CRC Certified Mfr Name & Model #, Distribution Type (S.d. point of use), If Recirculation Control Type, # of Identical Systems, (2) Rated Input (kW or Btu/hr), Tank Volume (gallons), (2) Efficiency (EF, RE), (2) Standby Loss (%), External Insulation R-value.

(2) For small gas storage (rated input of less than or equal to 75,000 Btu/hr), electric resistance and heat pump water heaters, list Energy Factor.

Factor. For large gas storage water heaters (rated input of greater than 75,000 Btu/hr), list Recovery Efficiency, Standby Loss and Rated Input. For instantaneous gas water heaters, list Recovery efficiency and Rated Input.

(3) R-12 external insulation is mandatory for storage water heaters with an energy factor of less than 0.58.

Facets & Shower Heads:

All facets and showerheads installed are certified to the Commission, pursuant to Title 24, Part 6, Section 111.

I, the undersigned, verify that equipment listed above my signature is: 1) the actual equipment installed; 2) equivalent to or more efficient than that specified in the certificate of compliance (Form CF-1R) submitted for compliance with the Energy Efficiency Standards for residential buildings; and 3) equipment that meets or exceeds the appropriate requirements for manufactured devices (from the Appliance Efficiency Regulations or Part 6), where applicable.

Signature, Date

Installing Subcontractor (Co. Name)

OR General Contractor (Co. Name) OR Owner

COPY TO: Building Department
HERS Provider (if applicable)
Building Owner at Occupancy

Site Address

0516782
 Permit Number

9 Bateson Ct

An installation certificate is required to be posted at the building site or made available for all appropriate inspections. (The information provided on this form is required; however, use of this form to provide the information is optional.) After completion of final inspection a copy must be provided to the building department (upon request) and the building owner at occupancy, per Section 10-1C3(b).

HYAC SYSTEMS:

Heating Equipment

Equip. Type (pkg. Heat pump)	CEC Certified Mfr name and Model #	# of Identical Systems	(1) Efficiency (AFUE, etc.) > CF-IR value	Duct Location (at/c, etc.)	Duct or Piping R-value	Heating Load (Btu/hr)	Heating Capacity (Btu/hr)

Cooling Equipment

Equip. Type (pkg. Heat pump)	CEC Certified Compressor Unit Mfr Name and Model #	# of Identical Systems	(1) Efficiency (SEER, etc.) > CF-IR value	Duct Location (at/c, etc.)	Duct R-value	Cooling Load (Btu/hr)	Cooling Capacity (Btu/hr)

(1) > means greater than or equal to.
 I, the undersigned, verify that equipment listed above is: 1) the actual equipment installed, 2) equivalent to or more efficient than that specified in the certificate of compliance (Form CF-IR) submitted for compliance with the Energy Efficiency Standards for residential buildings, and 3) equipment that meets or exceeds the appropriate requirements for manufactured devices (from the Appliance Efficiency Regulations or Part 6), where applicable.

Signature, Date

Installing Subcontractor (Co. Name)
 OR General Contractor (Co. Name) OR Owner

WATER HEATING SYSTEMS:

Heater Type	CEC Certified Mfr Name & Model #	Dispersion Type (Sub. point of use)	If Recirculation Control Type	# of Identical Systems	(1) Rated Input (kW or Btu/hr)	Tank Volume (gallons)	(2) Efficiency (EF, RE)	(3) Standby Loss (%)	External Insulation R-value
GAS	BRADFORD WHITEHORN 114-SDS6R2	SD	N/A	N/A	40,000	50	0.67	N/A	N/A

(2) For small gas storage (rated input of less than or equal to 75,000 Btu/hr), electric resistance and heat pump water heaters, list Energy Factor. For large gas storage water heaters (rated input of greater than 75,000 Btu/hr), list Recovery Efficiency, Standby Loss and Rated Input. For instantaneous gas water heaters, list Recovery efficiency and Rated Input.
 (3) R-12 external insulation is mandatory for storage water heaters with an energy factor of less than 0.55.

Facets & Shower Heads:

All facets and showerheads installed are certified to the Commission, pursuant to Title 14, Part 6, Section 111.

I, the undersigned, verify that equipment listed above my signature is: 1) the actual equipment installed, 2) equivalent to or more efficient than that specified in the certificate of compliance (Form CF-IR) submitted for compliance with the Energy Efficiency Standards for residential buildings; and 3) equipment that meets or exceeds the appropriate requirements for manufactured devices (from the Appliance Efficiency Regulations or Part 6), where applicable.

Signature, Date

BZ Plumbing Co., Inc.
 Installing Subcontractor (Co. Name)
 OR General Contractor (Co. Name) OR Owner

COPY TO: Building Department
 HEERS Provider (if applicable)
 Building Owner at Occupancy

CERTIFICATION OF INSULATION

PART I
GENERAL

Centex
0516782
9 Bateson Ct.
Serenade

LOT # *245*

- P.O. BOX 854, WEST SACRAMENTO, CA 95691 LIC. #202026
- 1309 MELODY ROAD, MARYSVILLE, CA 95901 LIC. #202026
- P.O. BOX 9651, FRESNO, CA 93793-9651 LIC. #202026
- P.O. BOX 1631, RENO, NV 89505 LIC. #10675
- 3326 A PONDEROSA WAY, LAS VEGAS, NV 89118 LIC. #10675

DATE INSULATION COMPLETED

PART II
AREAS INSULATED

WALLS			CEILINGS			FLOORS		
(SQUARE FEET)			(SQUARE FEET)			(SQUARE FEET)		
MATERIAL FIBERGLASS			MATERIAL FIBERGLASS			MATERIAL FIBERGLASS		
FORM BATTS			FORM BATTS & BLOW			FORM BATTS		
MANUFACTURER'S PRODUCT I.D.			MANUFACTURER'S PRODUCT I.D.			MANUFACTURER'S PRODUCT I.D.		
CT	OC	JM	CT	OC	JM	CT	OC	JM
BAGS								
<i>13/19</i>	<i>3 1/2</i>	<i>15 1/2</i>	<i>38</i>	<i>12 1/2</i>	<i>15 1/2</i>			
MATERIAL FIBERGLASS			FORM BATTS			R VALUE		
						MANUFACTURER		
						CT OC JM		
MATERIAL Foam			MANUFACTURER HILTI			MANUFACTURER HANDY FOAM		

PART III
CERTIFICATION

SIGNATURE — INSULATION CONTRACTOR <i>B.G.</i>	TITLE MANAGER	DATE
SIGNATURE — GENERAL CONTRACTOR	TITLE	DATE
REMARKS		

Job H2-049	Truss A20R	Truss Type CAL HIP	City 1	Plt 2	Job Reference (optional)
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DOLAN'S LUMBER, Sacramento, CA

6.200 © Jan 21 2005 M/Tek Industries, Inc. Thu May 25 08:13:59 2006 Page 1

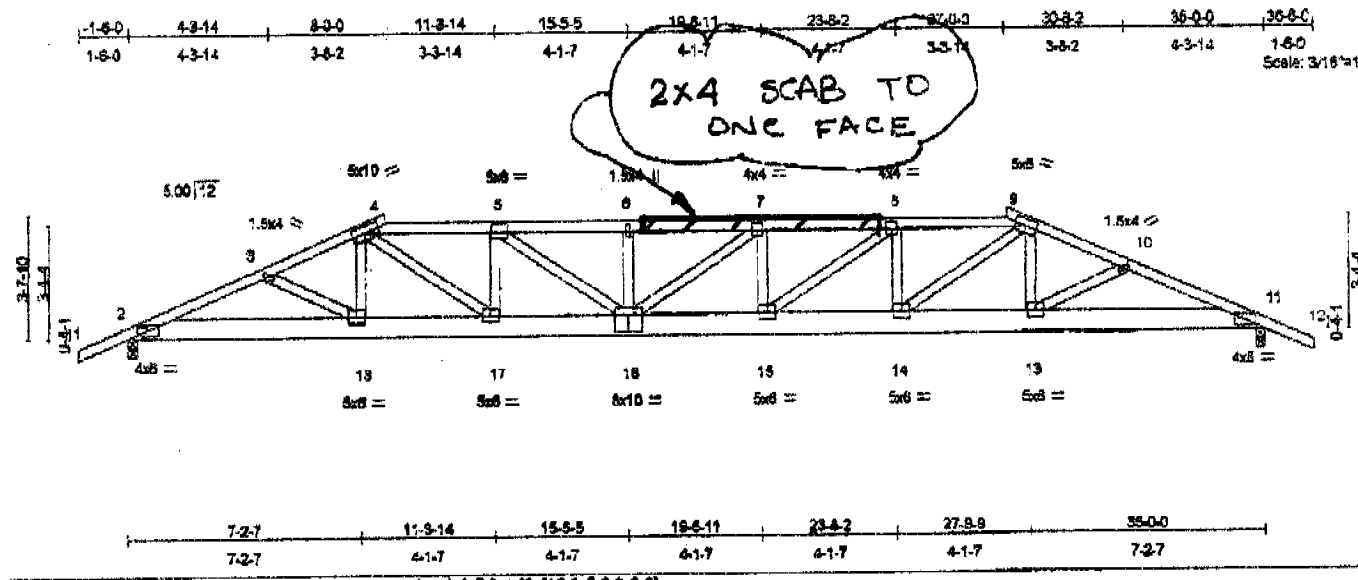


Plate Effects (X,Y): [2-0-3-7-0-0-14], [5-0-3-0-0-3-0], [11-0-3-7-0-1-2], [18-0-5-0-0-6-0]

LOADING (psf)	SPACING	CSI	DEPL	in	(occ)	Vdefl	L/d	PLATES	GRIP
TOLL 18.0	Plates Increase 1.25	TC 0.38	Vert(LL)	-0.24	16	>999	360	MI20	22U/195
TCDL 14.0	Lumber increase 1.25	BC 0.61	Vert(TL)	-0.68	16	>740	240		
BCLL 0.0	Rep Stress Incr NO	WB 0.60	Horz(TL)	0.07	11	n/a	n/a		
BCDL 7.0	Code UBC97/ANSI95	(Misc)							Weight: 432 lb

LUMBER
 TOP CHORD 2 X 4 DF No.1&Btr
 BOT CHORD 2 X 6 DF SS G
 WEBS 2 X 4 DF Sld

BRACING
 TOP CHORD Sheathed or 4-1-3 cc purlins.
 BOT CHORD Rigid pailing directly applied or 10-0-0 cc bracing.

9 BATESON CT #0516782

REACTIONS (b/size) 2=3432/0-3-8, 11=2432/0-3-8

FORCES (b) - Maximum Compression/Maximum Tension
 TOP CHORD 4-5=-9912/0, 6-19=-10697/0, 8-19=-10697/0, 8-7=-10697/0, 7-8=-5187/0, 8-9=-7342/0, 1-2=0/41, 2-3=-8138/0, 3-4=-8122/0, 9-10=-5612/0, 10-11=-5716/0, 11-12=0/41
 BOT CHORD 2-18=0/7498, 17-18=0/7808, 17-20=0/9968, 20-21=0/9968, 16-21=0/9968, 15-16=0/9197, 14-15=0/7342, 13-14=0/6241, 11-13=0/5254
 WEBS 4-18=-5710/2, 9-13=-30133, 4-17=0/2872, 5-17=-1134/0, 5-18=0/948, 6-18=-248/0, 7-18=0/1878, 7-15=-1343/0, 8-15=0/2312, 3-14=-1548/0, 9-14=0/2715, 3-18=0/2283, 10-13=-14130

- NOTES (8-12)**
- 2-ply truss to be connected together with 10d Common(148"x3") Nails as follows:
 Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 Bottom chords connected as follows: 2 X 6 - 2 rows at 0-7-0 oc.
 Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 - All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
 - Unbalanced roof live loads have been considered for this design.
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - A plate rating reduction of 20% has been applied for the green lumber members.
 - Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1730 lb down at 14-6-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 - California-Hip/Valley overframing and extended top chords to be supported 24" o.c. for uniform load distribution. Laterally brace flat top chord at indicated spacing. See Standard detail 'A1' for other framing alternatives. (When Applicable)
 - REPAIR NOTES:**
 - Truss repair calculations based on information from fabricator/contractor whose responsibility it is to verify the adequacy of repair as to its field application. Return all joints to original position before applying repair. The end distance, edge distance, nail spacing, and size of plywood gussets and/or truss members shall be such as to avoid splitting of the wood.
 - Refer to original engineering for plying information not shown.
 - Field-fit 2x4 #1&Btr DF 8'-0" scab to one side of top chord centered on joint 7, attach using 10d nails staggered at 4" o.c.. Obtain wood-to-wood tight-fitting joints.

LOAD CASE(S) Standard
 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 4-19=-150(F=-90), 9-19=-60, 1-4=-60, 9-12=-60, 2-20=-35(F=-21), 11-20=-14
 Concentrated Loads (lb)
 Vert: 4=-561(F) 21=-1730(F)

