

**CITY OF SACRAMENTO**  
1231 I Street, Sacramento, CA 95814

**Permit No: 9910191**  
**Insp Area: 3**

**Site Address: 2226 16TH AV SAC**  
Parcel No: 018-0043-009

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

CONTRACTOR  
STEPHEN JACK BERG  
7430 WACHTELL WY  
CITRUS HTS. CA. 95610

OWNER  
JONES SR CHARLES E & MARGUERI  
5910  
SACRAMENTO CA 95822

ARCHITECT

**Nature of Work: REMOVE CARPORT AND REPLACE WITH GARAGE**

**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 \_\_\_\_\_ 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. In, 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 8-9-99 Owner Signature Stephen J Berg

**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 8-9-99 Applicant/Agent Signature Stephen J Berg

**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 \_\_\_\_\_ Policy Number \_\_\_\_\_ Exp Date \_\_\_\_\_

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 8-10-99 Applicant Signature Stephen J Berg

**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.**

**ELEVATION CERTIFICATE**  
**FEDERAL EMERGENCY MANAGEMENT AGENCY**  
**NATIONAL FLOOD INSURANCE PROGRAM**

O.M.B. No. 3067-007  
 Expires July 31, 1999

**ATTENTION:** Use of this certificate does not provide a waiver of the flood insurance purchase requirement. This form is used only to provide elevation information necessary to ensure compliance with applicable community floodplain management ordinances, to determine the proper insurance premium rate, and/or to support a request for a Letter of Map Amendment or Revision (LOMA or LOMR). You are not required to respond to this collection of information unless a valid OMB control number is displayed in the upper right corner of this form.

Instructions for completing this form can be found on the following pages.

<b>SECTION A PROPERTY INFORMATION</b>		<b>FOR INSURANCE COMPANY USE</b>
BUILDING OWNER'S NAME <b>MARGARET JONES</b>		POLICY NUMBER
STREET ADDRESS (Including Apt., Unit, Suite and/or Bldg. Number) OR P.O. ROUTE AND BOX NUMBER <b>2226 1/2 16th</b>		COMPANY NAIC NUMBER
OTHER DESCRIPTION (Lot and Block Numbers, etc.)		
CITY <b>SACRAMENTO</b>	STATE <b>CA</b>	ZIP CODE <b>95822</b>

**SECTION B FLOOD INSURANCE RATE MAP (FIRM) INFORMATION**

Provide the following from the proper FIRM (See Instructions):

1. COMMUNITY NUMBER <b>060266</b>	2. PANEL NUMBER <b>0025</b>	3. SUFFIX <b>T</b>	4. DATE OF FIRM INDEX <b>1998</b>	5. FIRM ZONE <b>AR</b>	6. BASE FLOOD ELEVATION (in AO Zones, use depth)
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7. Indicate the elevation datum system used on the FIRM for Base Flood Elevations (BFE):  NGVD '29  Other (describe on back)
8. For Zones A or V, where no BFE is provided on the FIRM, and the community has established a BFE for this building site, indicate the community's BFE:  feet NGVD (or other FIRM datum—see Section B, Item 7).

**SECTION C BUILDING ELEVATION INFORMATION**

1. Using the Elevation Certificate Instructions, indicate the diagram number from the diagrams found on Pages 5 and 6 that best describes the subject building's reference level \_\_\_\_\_.
- 2(a). FIRM Zones A1-A30, AE, AH, and A (with BFE). The top of the reference level floor from the selected diagram is at an elevation of  feet NGVD (or other FIRM datum—see Section B, Item 7).
- (b). FIRM Zones V1-V30, VE, and V (with BFE). The bottom of the lowest horizontal structural member of the reference level from the selected diagram, is at an elevation of  feet NGVD (or other FIRM datum—see Section B, Item 7).
- (c). FIRM Zone A (without BFE). The floor used as the reference level from the selected diagram is  feet above  or below  (check one) the highest grade adjacent to the building.
- (d). FIRM Zone AO. The floor used as the reference level from the selected diagram is  feet above  or below  (check one) the highest grade adjacent to the building. If no flood depth number is available, is the building's lowest floor (reference level) elevated in accordance with the community's floodplain management ordinance?  Yes  No  Unknown
3. Indicate the elevation datum system used in determining the above reference level elevations:  NGVD '29  Other (describe under Comments on Page 2). (NOTE: If the elevation datum used in measuring the elevations is different than that used on the FIRM [see Section B, Item 7], then convert the elevations to the datum system used on the FIRM and show the conversion equation under Comments on Page 2.)
4. Elevation reference mark used appears on FIRM:  Yes  No (See Instructions on Page 4)
5. The reference level elevation is based on:  actual construction  construction drawings  
 (NOTE: Use of construction drawings is only valid if the building does not yet have the reference level floor in place, in which case this certificate will only be valid for the building during the course of construction. A post-construction Elevation Certificate will be required once construction is complete.)
6. The elevation of the lowest grade immediately adjacent to the building is:  feet NGVD (or other FIRM datum—see Section B, Item 7).

**SECTION D COMMUNITY INFORMATION**

1. If the community official responsible for verifying building elevations specifies that the reference level indicated in Section C, Item 1 is not the "lowest floor" as defined in the community's floodplain management ordinance, the elevation of the building's "lowest floor" as defined by the ordinance is:  feet NGVD (or other FIRM datum—see Section B, Item 7).
2. Date of the start of construction or substantial improvement \_\_\_\_\_.

**SECTION E CERTIFICATION**

This certification is to be signed by a land surveyor, engineer, or architect who is authorized by state or local law to certify elevation information when the elevation information for Zones A1-A30, AE, AH, A (with BFE), V1-V30, VE, and V (with BFE) is required. Community officials who are authorized by local law or ordinance to provide floodplain management information, may also sign the certification. In the case of Zones AO and A (without a FEMA or community issued BFE), a building official, a property owner, or an owner's representative may also sign the certification.

Reference level diagrams 6, 7 and 8 - Distinguishing Features-If the certifier is unable to certify to breakaway/non-breakaway wall, enclosure size, location of servicing equipment, area use, wall openings, or unfinished area Feature(s), then list the Feature(s) not included in the certification under Comments below. The diagram number, Section C, Item 1, must still be entered.

*I certify that the information in Sections B and C on this certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.*

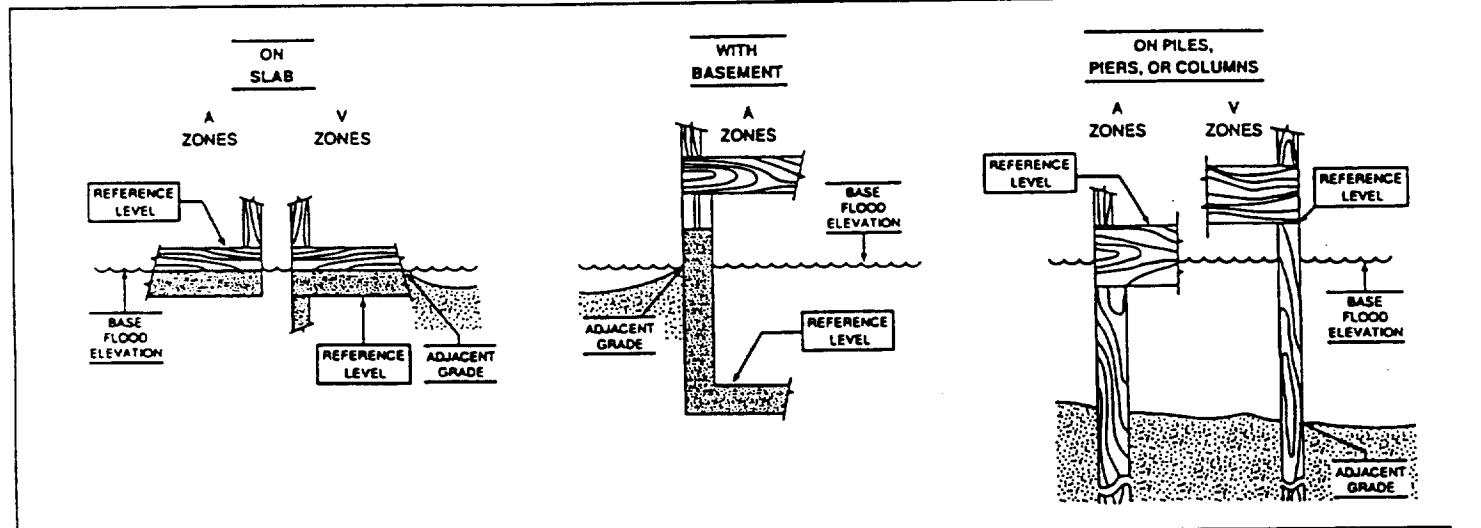
CERTIFIER'S NAME	LICENSE NUMBER (or Affix Seal)		
TITLE	COMPANY NAME		
ADDRESS	CITY	STATE	ZIP
SIGNATURE	DATE	PHONE	

Copies should be made of this Certificate for: 1) community official, 2) insurance agent/company, and 3) building owner.

COMMENTS: \_\_\_\_\_

**FIRM ZONE AR**

1. The floor used as the reference level from the selected diagram is 3 ft. above the highest grade adjacent to the building.
2. Structure elevated on fill?  Yes (attach grading plan and complete items 3,4, and 5 below)  No
3. Highest natural elevation of the ground surface adjacent to the structure is EL. \_\_\_\_\_ ft.
4. Elevation of the top of the reference level floor from the selected diagram is EL. \_\_\_\_\_ ft. At or above BFE?  
 Yes  No
5. The floor used as the reference level from the selected diagram with fill is elevated \_\_\_\_\_ ft. above the highest natural elevation of the ground surface adjacent to the building (Item 4 EL. - Item 3 EL.).
6. Elevation datum used for above elevations.  NGVD '29  City of Sacramento Datum (NGVD '29 = City of Sacramento Datum)  Other (description attached)



The diagrams above illustrate the points at which the elevations should be measured in A Zones and V Zones. Elevations for all A Zones should be measured at the top of the reference level floor. Elevations for all V Zones should be measured at the bottom of the lowest horizontal structural member.

Date of Request: \_\_\_\_\_

By: \_\_\_\_\_

CITY OF SACRAMENTO DEVELOPMENT SERVICES DIVISION  
PLANNING AND ZONING INFORMATION REQUEST

Project Address: 2226 1/2 16th Street

Assessor's Parcel Number: 018-0043-009

Previous Use: CAR PORT

Description of Request/Proposed Use: 10x20 GARAGE

Is This a Change of Use? No

Zoning Designation: R-2

Prior Applications for Project Site(P#, Z#, DRPB#): \_\_\_\_\_

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Are There Any Planning Issues?: (circle one) YES NO

\* Staff Site Plan Check Required? (Circle one) YES NO

\* Field Inspection Required? (Circle one) YES NO

\* Design Review/Preservation Required?: (Circle one) YES NO

Planning Review by/Date: [Signature] 9-1-99

A list of items that must be reviewed by Planning is provided on the reverse side of this form.

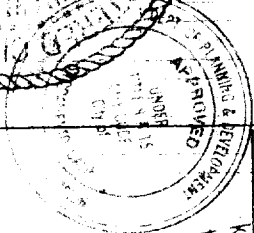
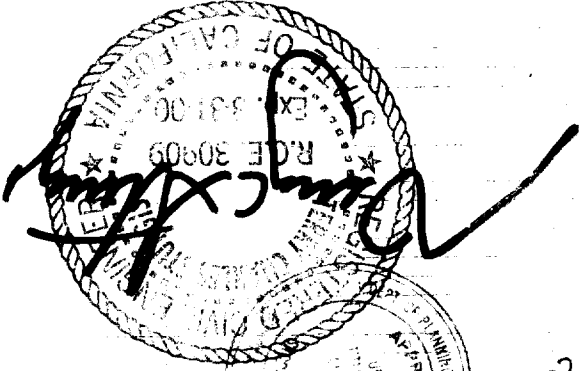
MICROFILM AFTER FINAL

# A/R FLOOD ZONE

## General Residential Requirements

Construction within an A/R flood zone has to conform to certain specialized requirements mandated by the Federal Emergency Management Agency (FEMA). The purpose of these requirements is to ensure that new buildings constructed within this zone are able to withstand a specified flood level without incurring a significant level of damage. Additional information regarding construction in this flood zone is available at the building department. The following are some of the basic requirements:

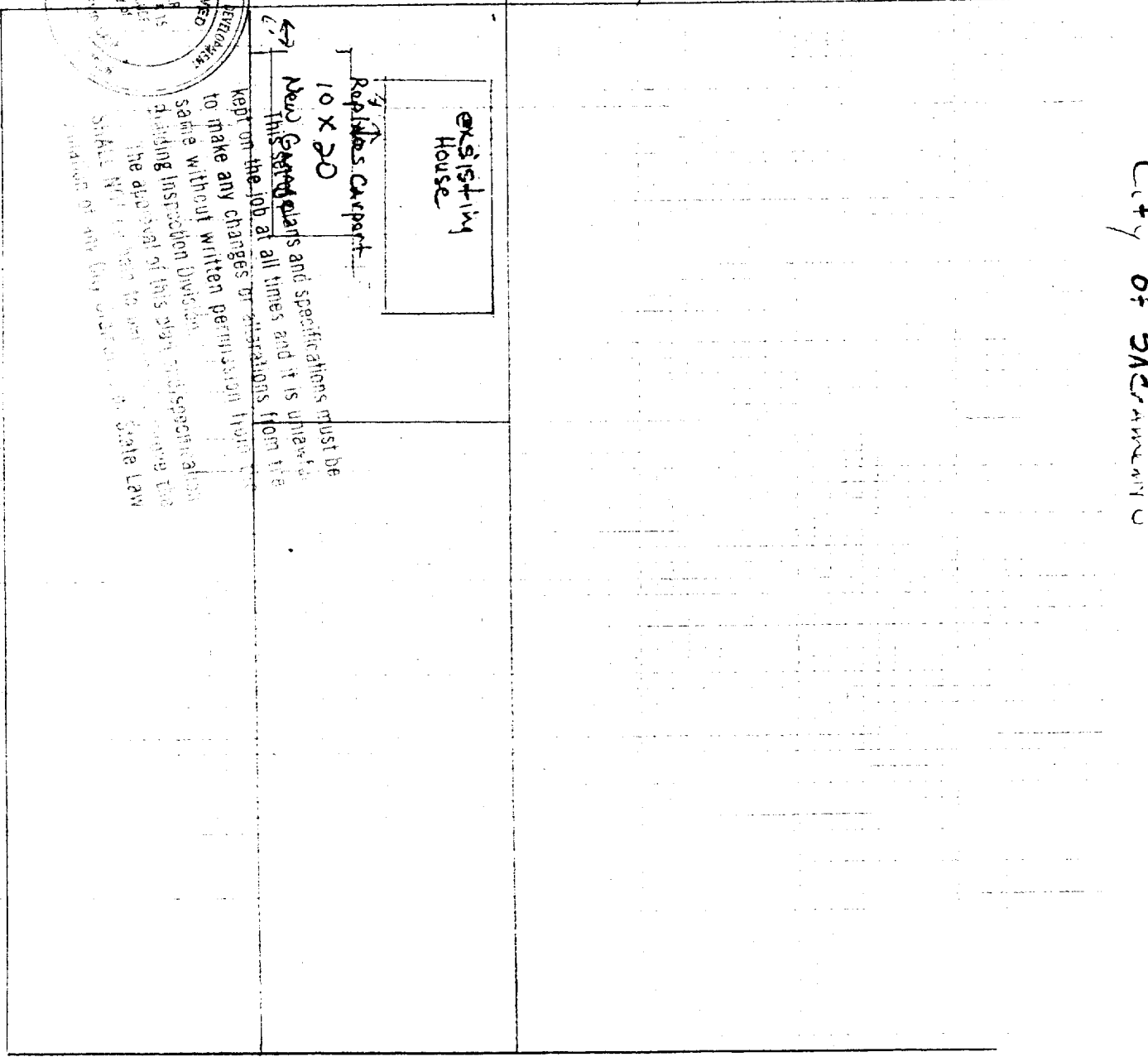
1. The floor level of any residence or building, except the floor level of garages and storage sheds, has to be built above the flood level. The flood level is defined as being either 3' above the highest existing grade that is adjacent to the structure, or the Base Flood Elevation (BFE), whichever is less. The BFE varies throughout the City. Contact the building department for the BFE at a specific site. For the purposes of the flood zone regulations, "existing grade" is defined as the grade that existed at a particular site on or before July 6, 1998.
2. Any portion or part of any residence or building that is constructed at or below the flood level has to be constructed of approved water resistant materials. This includes foundations, underfloor framing, wall framing, garage framing, siding, trim, finish work, cabinets, garage doors, house doors, and door jambs, and also applies to garages and storage sheds.
3. ~~Some approved water resistant materials are concrete, stucco, galvanized metal, construction heart grade redwood, pressure treated douglas fir lumber, pressure treated exterior grade plywood, and marine plywood. When pressure treated materials are cut or trimmed, the exposed edges have to be treated with an approved wood preservative. Some examples of materials that are not considered water resistant are exterior grade plywood, douglas fir lumber, and standard grade redwood. Contact FEMA or the building department for questions regarding water resistant materials.~~
4. All mechanical equipment, HVAC equipment, ducting, ~~plans, and electrical work has to be above the flood level. Conventional commercial and residential ducting is not approved for installation below the flood level.~~
5. Fiberglass insulation is not approved for use below the flood level. Insulation installed below the flood level has to be closed cell type, and ICBO approved. ~~Provide ICBO approval documentation and a manufacturer's cut sheet for any insulation to be installed below the flood level.~~
6. The house foundation, garage walls, and interior stem walls must have openings to allow flood waters to drain (this does not apply to slab floors which are at or above the flood level). To meet this requirements, provide 1 sq. in. of vent area in the foundation and garage walls for every 1 sq. ft. of house or garage floor area. Space the vents evenly around the building, preferably on 2 opposing sides. The bottom of the vents must not be greater than 12" above grade. Provide 1/4" screen over the vents, and include a 10% reduction factor in the area calculation to allow for the screen. If nominal sized pre-screened vents are used, the net area is substantially less than the nominal size indicates. This must be accounted for in the calculations. Provide a details of the vents to be used, and show the size and location of all vents on the plans.
7. An elevation certificate is required. When using the 3' level for compliance, the elevation certificate may be filled out by the applicant and verified by the building inspector. When using the BFE as the reference elevation, elevation certificates have to be provided at two stages of the project by a licensed surveyor, and the surveyor must field verify that either the building pad or house floor elevations are at or above the BFE.



2226 1/2

Alley

City of SACRAMENTO



2226

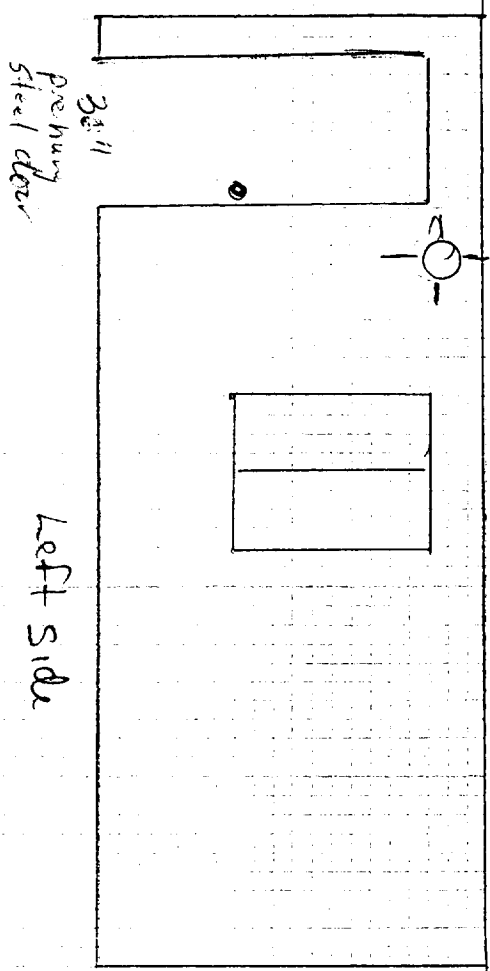
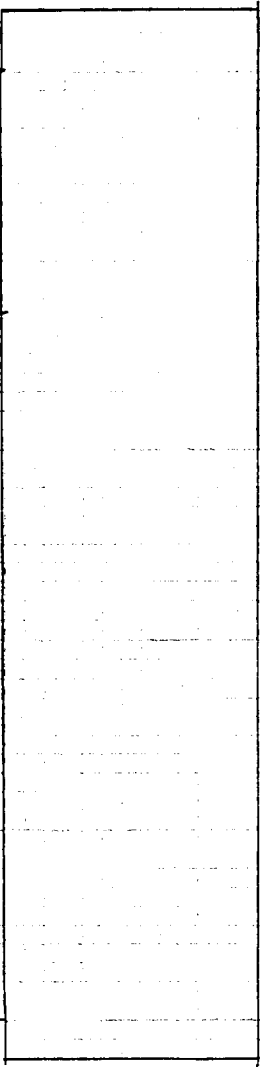
16 Street

3rd Street

①







3 1/2"  
Prehung  
Steel door

Left side

Roof sheathing  
7/16 OSB

Hard. Board  
Connect 4x8 siding

Front

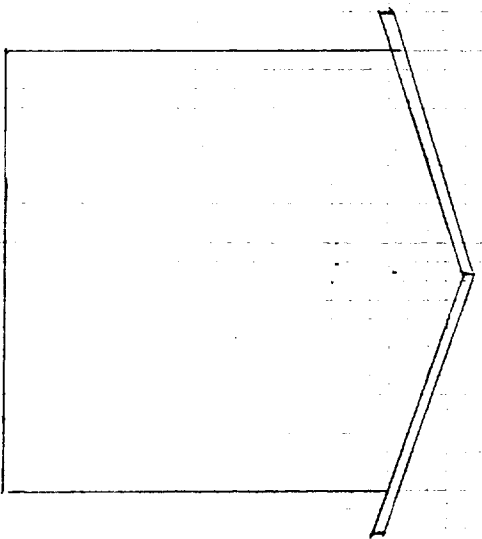
All 2x4 & truss  
to be treated

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 the Building Inspector shall not be construed as a warranty of fitness for any purpose.

other view

See engineered Truss sheet



Back

4

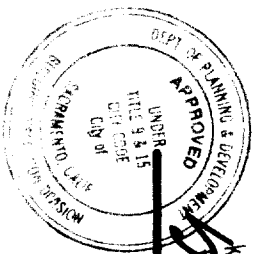
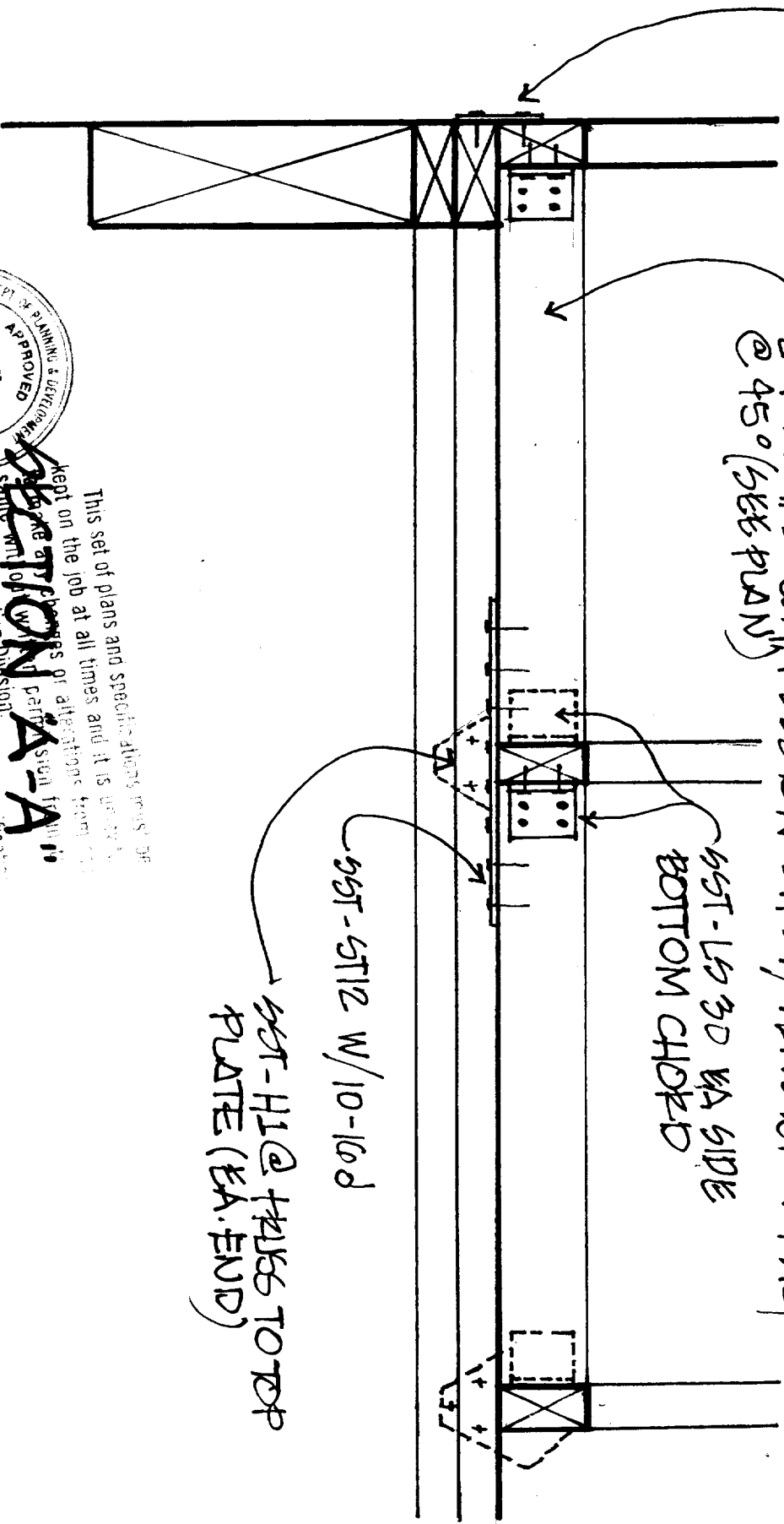
55T A35-F @ 16" GC

2x4 DF #2 COMPRESSION STRUT / TENSION BRAG @ 45° (SEE PLAN)

55T-L53D WA SIDE BOTTOM CHORD

55T-ST12 W/10-16d

55T-H1 @ 45° TO TOP PLATE (EA. END)



This set of plans and specifications must be kept on the job at all times and it is unlawful to remove or alter any portion of this set of plans and specifications without the written permission of the Building Inspector. Any violation of any City Ordinance shall not be held to prevent the Building Inspector from reporting the violation to the City Attorney.

**SECTION A-A**

5

Project 2226 1/2 16TH ST. SACTO.

Date AUG 99 By TS Pg. 1 of 1

Roseville Design Group

106 Church St., Suite 1  
Roseville, CA 95678  
(916) 782-1880

## CONVENTIONAL WALL BRACING

BRACED WALL LINES SHALL CONSIST OF "BRACED WALL PANELS" WHICH MEET THE REQUIREMENTS FOR LOCATION, TYPE, AND AMOUNT OF BRACING SPECIFIED IN TABLE 23-IV-C-1 AND ARE IN LINE OR OFFSET FROM EACH OTHER BY NOT MORE THAN 4 FEET. BRACED WALL PANELS SHALL START AT NOT MORE THAN 8' FROM EACH END OF A BRACED WALL LINE. ALL BRACED WALL PANELS SHALL BE CLEARLY INDICATED ON THE PLANS. CONSTRUCTION OF BRACED WALL PANELS SHALL BE BY ONE OF THE FOLLOWING METHODS:

1. NOT ALLOWED IN SEISMIC ZONE 3 OR 4.
2. WOOD BOARDS OF 5/8" NET MINIMUM THICKNESS APPLIED DIAGONALLY ON STUDS SPACED NOT MORE THAN 24" ON CENTER.
- ✓ 3. WOOD STRUCTURAL PANEL SHEATHING WITH A THICKNESS NOT LESS THAN 5/16" FOR 16" STUD SPACING AND NOT LESS THAN 3/8" FOR 24" STUD SPACING IN ACCORDANCE WITH TABLES 23-II-A-1 AND 23-IV-D-1
4. FIBERBOARD SHEATHING 4-FOOT BY 8-FOOT PANELS NOT LESS THAN 1/2" THICK APPLIED VERTICALLY ON STUDS SPACED NOT OVER 16" ON CENTER WHEN INSTALLED IN ACCORDANCE WITH SECTION 2315.6 AND TABLE 23-II-J.
5. GYPSUM BOARD [SHEATHING 1/2" THICK x 4 FEET WIDE, WALLBOARD OR VENEER BASE] ON STUDS SPACED NOT OVER 24" ON CENTER AND NAILED AT 7 INCHES ON CENTER WITH NAILS AS REQUIRED BY TABLE 25-I.
6. PARTICLEBOARD WALL SHEATHING PANELS WHERE INSTALLED IN ACCORDANCE WITH TABLE 23-IV-D-2.
7. PORTLAND CEMENT PLASTER ON STUDS SPACED 16 INCHES ON CENTER INSTALLED IN ACCORDANCE WITH TABLE 25-L.
8. HARDBOARD PANEL SIDING WHEN INSTALLED IN ACCORDANCE WITH SECTION 2310.6 AND TABLE 23-II-C.

**NOTES:**

- ✓ A. FOR METHOD NO. 5 [GYPSUM BOARD] EACH BRACED WALL PANEL MUST BE AT LEAST 26 INCHES IN LENGTH WHEN APPLIED TO ONE FACE OF A BRACED WALL PANEL AND 48 INCHES WHEN APPLIED TO BOTH FACES.
- ✓ B. ALL VERTICAL JOINTS OF PANEL SHEATHING SHALL OCCUR OVER STUDS. HORIZONTAL JOINTS SHALL OCCUR OVER BLOCKING EQUAL IN SIZE TO THE STUDDING EXCEPT WHERE WAIVED BY THE INSTALLATION REQUIREMENTS FOR THE SPECIFIC SHEATHING MATERIALS.
- C. BRACED WALL PANEL SOLE PLATES SHALL BE NAILED TO THE FLOOR FRAMING AND SOLE PLATES SHALL BE CONNECTED TO THE FRAMING ABOVE IN ACCORDANCE WITH TABLE 23-IV-B-1. SOLE PLATES SHALL BE BOLTED TO THE FOUNDATION OR SLAB IN ACCORDANCE WITH SECTION 1806.6 WHERE JOINTS SHALL BE PERPENDICULAR TO BRACED WALL LINES ABOVE, BLOCKING SHALL BE PROVIDED PERPENDICULAR AND IN LINE WITH THE BRACED WALL PANELS.



INDICATES "CONVENTIONALLY BRACED WALL PANEL"

INDICATES WALL PANEL ASSEMBLY METHOD NUMBER (SEE TABLE 23-IV-C-1)

## STANDARD FLOOR DIAPHRAGM (UNLESS OTHERWISE NOTED)

MINIMUM 15/32" C.C.C-D WOOD STRUCTURAL PANEL SHEATHING (PLYWOOD OR O.S.B.) AND NAILED AT DIAPHRAGM BOUNDARIES AND PANEL EDGES WITH 8d NAILS AT 6" C.C. AND 10" C.C. AT INTERMEDIATE SUPPORTS. PANELING IS RECOMMENDED TO BE "TONGUE AND GROOVE" AND RECOMMENDED TO BE GLUED TO SUPPORTS. CONTINUOUS PANEL JOINTS TO BE PERPENDICULAR TO FRAMING (CASE 1 LAYOUT) AND END JOINTS TO BE STAGGERED

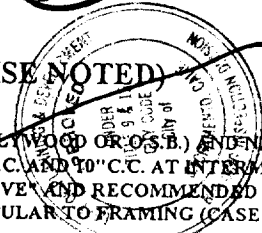
DIAPHRAGM CAPACITY (UNBLOCKED) = 240 PLF  
 DIAPHRAGM CAPACITY (BLOCKED) = 270 PLF

## STANDARD ROOF DIAPHRAGM (UNLESS OTHERWISE) NOTED

MINIMUM 15/32" C-C,C-D WOOD STRUCTURAL PANEL SHEATHING (PLYWOOD OR O.S.B.) AND NAILED AT DIAPHRAGM BOUNDARIES AND PANEL EDGES (INCLUDING HIP, RIDGE, AND VALLEYS) WITH 8d NAILS AT 6 INCHES ON CENTER AND AT INTERMEDIATE SUPPORTS AT 12 INCHES ON CENTER. CONTINUOUS PANEL JOINTS TO BE PERPENDICULAR TO FRAMING (CASE 1 LAYOUT) AND END JOINTS TO BE STAGGERED.

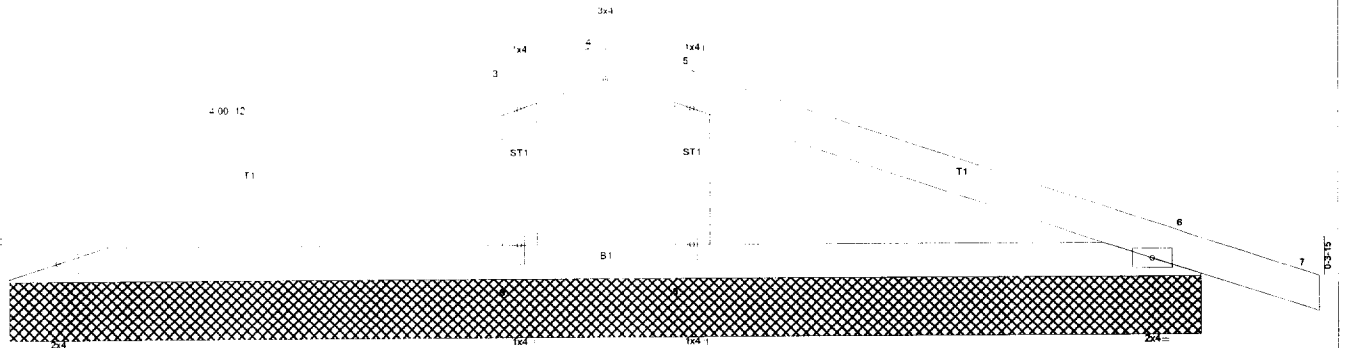
DIAPHRAGM CAPACITY (UNBLOCKED) = 240 PLF  
 DIAPHRAGM CAPACITY (BLOCKED) = 270 PLF

This set of plans shall be kept on the job at all times and shall not be changed without written approval of the Building Inspector. The approval of any City official shall NOT be held in violation of any City Ordinance.



6

-1-0-0	5-0-0	10-0-0	11-0-0
1-0-0	5-0-0	5-0-0	1-0-0



10-0-0  
 10-0-0

Plate Offsets (X,Y): [4-0-2-0,edge]

LOADING (psf)	SPACING	2-0-0
TCLL 20.0	Plates Increase	1.15
TCDL 15.0	Lumber Increase	1.15
BCLL 0.0	Rep Stress Incr	NO
BCDL 10.0	Code	UBC97/ANSI95

CSI
TC 0.20
BC 0.09
WB 0.06
(Matrix)

DEFL	(in)	(loc)	l/defl
Vert(LL)	n/a	-	n/a
Vert(TL)	0.01	7	>999
Horz(TL)	0.00	-	n/a
1st LC LL Min	l/defl	366	

PLATES	GRIP
M20	220/195

Weight: 34 lb

LUMBER	
TOP CHORD	2 X 4 DF No. 1&Btr-G
BOT CHORD	2 X 4 DF No. 1&Btr-G
OTHERS	2 X 4 DF Stud/Std-G

BRACING	
TOP CHORD	Sheathing
BOT CHORD	Rigid Ceiling

**REACTIONS** (lb/size) 2=214/10-0-0, 6=214/10-0-0, 9=303/10-0-0, 8=303/10-0-0  
 Max Horz 2=-96(load case 1), 6=96(load case 1)  
 Max Uplift 2=-18(load case 7), 6=-18(load case 8)  
 Max Grav 2=292(load case 2), 6=292(load case 3), 9=356(load case 2), 8=356(load case 3)

**FORCES** (lb) - First Load Case Only  
 TOP CHORD 1-2=21, 2-3=152, 3-4=90, 4-5=90, 5-6=152, 6-7=21  
 BOT CHORD 2-9=0, 8-9=0, 6-8=0  
 WEBS 3-9=-234, 5-8=-234

- NOTES**
- 1) This truss has been designed for the wind loads generated by 85 mph winds at 25 ft above ground level, using 10.0 psf top chord dead load and 10.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure C ASCE 7-95 per UBC97/ANSI95 if any verticals or cantilevers exist, they are exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33.
  - 2) For studs exposed to wind, see MiTek "Standard Gable End Detail"
  - 3) All plates are M20 plates unless otherwise indicated.
  - 4) Gable requires continuous bottom chord bearing.
  - 5) Gable studs spaced at 1-4-0 on center.
  - 6) 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.
  - 7) A plate rating reduction of 20% has been applied for the green lumber members.
  - 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 18 lb uplift at joint 2 and 18 lb uplift at joint 6.
  - 9) This truss has been designed with ANSI/TPI 1-1995 criteria.
  - 10) Overhang snow load factor (2.00)

LOAD CASE(S) Standard

