

EVERY SIX MONTHS TO KEEP YOUR PERMII ACTIVE.
 INSURANCE 38
 24085

NOTE: DO NOT COVER OR CONCEAL ANY BUILDING, ELECTRICAL, PLUMBING OR MECHANICAL WORK WITHOUT INSPECTOR'S SIGNATURE IN PROPER PLACE.

INSPECTION	INSPECTOR	DATE
B10 FOUNDATION FORMS	[Signature]	10/23/08
B11 UFER GROUND	[Signature]	10/23/08
B12 CONCRETE SLAB FORMS	[Signature]	10/23/08
B13 PLUMB. UNDERFLOOR/SLAB	[Signature]	10/23/08
B14 MECH/UNDERFLOOR/SLAB	[Signature]	10/23/08
B15 ELECT. UNDERGROUND	[Signature]	10/23/08
B16 ELECT. CONDUIT-SLAB	[Signature]	10/23/08

DO NOT COVER UNTIL INSTALLATION ABOVE HAS BEEN SIGNED	DO NOT COVER UNTIL INSTALLATION ABOVE HAS BEEN SIGNED
B13 FLOOR JOISTS OR GIRDERS	[Signature]
B14 INSULATION/WALL/FLOOR	[Signature]
B15 TOP PLUMBING	[Signature]
B16 TOP MECHANICAL/WALL/CEIL	[Signature]
B17 ROUGH ELECTRICAL/WALL/CEIL	[Signature]
B18 FRAME	[Signature]
B19 ROOF PL/WOOD NAIL COMM. & APPS	[Signature]
B20 EXTERIOR LATH/SIDING	[Signature]
B21 INT. LATH OR WALL BD. NAILING	[Signature]

DO NOT TAPE PLASTER OR TOP UNTIL ABOVE HAS BEEN SIGNED	DO NOT COVER UNTIL INSTALLATION ABOVE HAS BEEN SIGNED
B22 SERVICE UNDERGRD CONDUIT	[Signature]
B23 SEWER SERVICE	[Signature]
B24 WATER SERVICE	[Signature]
B25 SPRINKLER SYSTEM	[Signature]
B26 GAS TEST	[Signature]
B27 TEMP GAS ISSUED	[Signature]
B28 POWER POLE	[Signature]
B29 TEMP POWER #	[Signature]

DO NOT COVER UNTIL INSTALLATION ABOVE HAS BEEN SIGNED	DO NOT COVER UNTIL INSTALLATION ABOVE HAS BEEN SIGNED
B30 GAS TEST	[Signature]
B31 PLUMBING PRE-GUNITE	[Signature]
B32 PLUMBING PRE-DECK	[Signature]
B33 ELECTRICAL PRE-GUNITE	[Signature]
B34 ELECTRICAL PRE-DECK	[Signature]
B35 ELECTRICAL UNDERGRD	[Signature]

DO NOT OCCUPY BUILDING UNTIL ALL OF THE ABOVE HAVE BEEN SIGNED AND CERTIFICATE OF OCCUPANCY ISSUED	
B36 BUILDING	[Signature]
B37 ELECTRICAL	[Signature]
B38 PLUMBING	[Signature]
B39 MECHANICAL	[Signature]

ENERGY COMPLIANCE CERTIFICATE TO BE ON FILE PRIOR TO FINAL APPROVAL

DATE: _____ SIGNED: _____

FINAL APPROVALS

THIS CARD TO BE POSTED ON JOB AT ALL

BUILDING SITE ADDRESS: 6060 71st St SUITE 38

ASSESSOR PARCEL NO: 171-1051-010-0000 COMMUNITY PLAN NO: 228

LICENSED CONTRACTOR: SAUL C. B. J. ADDRESS: 1750 17th St ZIP CODE: 95811 PHONE NO: 530-425

PROPERTY OWNER: _____ ARCH. ENGR: _____

NO. OF STORIES: 2 NO. OF ROOMS: 8 ROOF COVERING AREA 1ST FLOOR: 7110 TOTAL AREA: 1750

CITY OF SACRAMENTO INSPECTIONS 264-5191

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.
- 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: _____

(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 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: 10-21-08 Applicant: [Signature]

TOTAL FEES \$ [Amount]

CERTIFICATION OF COMPLIANCE
SCHOOL DISTRICT DEVELOPMENT FEES

(Print or Type)

PART I TO BE COMPLETED BY APPLICANT

PROPERTY OWNER'S NAME - Skyline Dev
 OWNER'S ADDRESS 5127 Phoenix East Ct. Fair Oaks, Ca
 PROJECT ADDRESS 6060 77th St.
 PARCEL NO. 038-0001-046 LOT NO. 8
 SUBDIVISION NAME ... Village
 NUMBER OF UNITS 1
 APPLICANT'S SIGNATURE [Signature]
 TITLE OF APPLICANT _____
 DATE 8-1-99 TELEPHONE NUMBER 917 4220

PART II TO BE COMPLETED BY BUILDING DEPARTMENT

PLAN IDENTIFICATION NO. 1750
 BUILDING TYPE (CHECK ONE)
 RESIDENTIAL APARTMENT/CONDOMINIUM () COMMERCIAL/INDUSTRIAL ()
 SQUARE FEET OF CHARGEABLE BUILDING AREA 1750
 SIGNATURE [Signature]
 TITLE SEATTLE DATE 8-31-99

PART III TO BE COMPLETED BY SCHOOL DISTRICT

SCHOOL DISTRICT KLAS
 DISTRICT CERTIFICATION NO. 6049
 FEES COLLECTED EXEMPT - MELLOR'S FBZ PARTICIPANT
 RESIDENTIAL 1750# SQ. FT. X \$ 0 = \$ 0
 APARTMENT/CONDOMINIUM SQ. FT. X \$ _____ = \$ _____
 COMMERCIAL/INDUSTRIAL SQ. FT. X \$ _____ = \$ _____

This Certification covers only the amount of square footage indicated above. Any additions or corrections to the square footage for this project will require an amendment to the Certificate of Compliance.

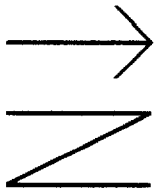
As the authorized school district official, I hereby certify that the requirements of Government Code Section 65995 have been complied with by the above signed applicant.

AUTHORIZED SCHOOL DISTRICT OFFICIAL
 SIGNATURE [Signature]
 TITLE DEPUTY SUPERVISOR DATE 9/1/99

- Original School District
- 1st Copy School District
- 2nd Copy Building Department
- 3rd Copy Applicant

COUNTY SANITATION DISTRICT NO. 1
SACRAMENTO REGIONAL COUNTY SANITATION DISTRICT
SEWER IMPACT FEE
PERMIT AND CALCULATION SHEET

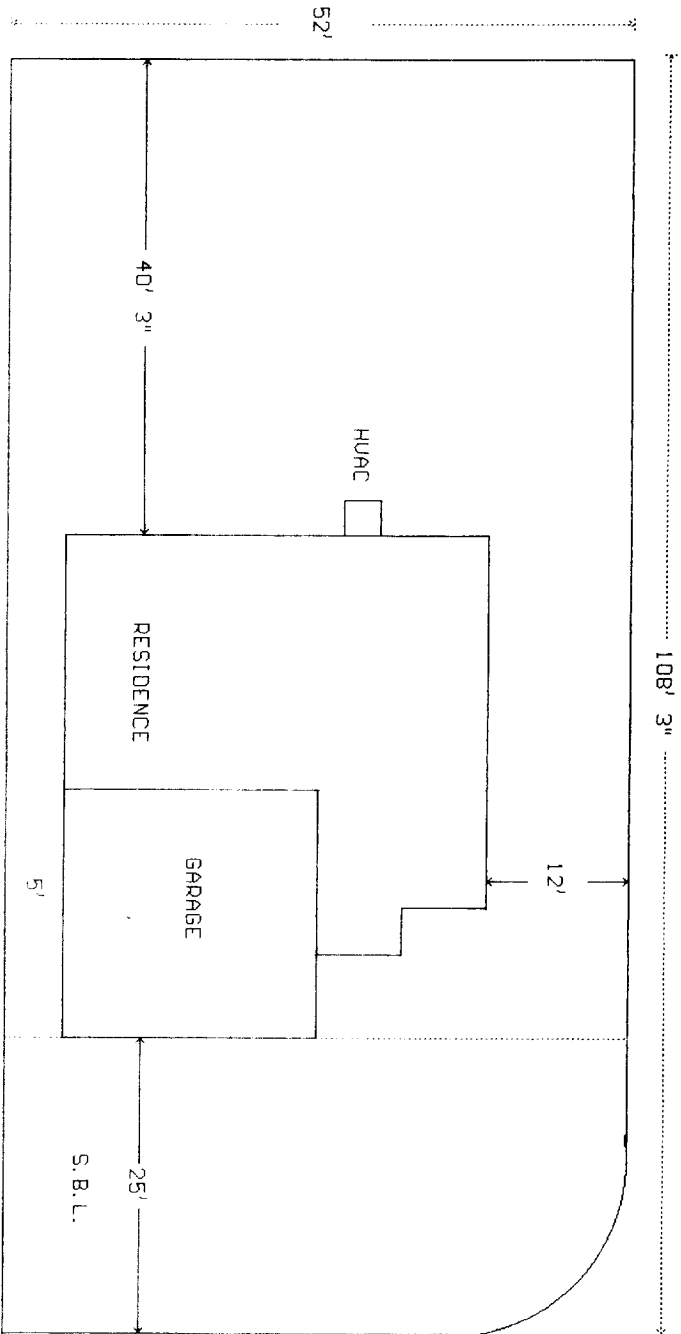
APPLICATION NO: <u>2017</u>		BLDG PERMIT NO:	
GENERAL INFORMATION <u>111 / 111</u>		THIS PERMIT GOOD ONLY WHEN VALIDATED BY THE CASHIER <u>2017 / 11 / 11</u>	
		- FEE IS \$2,424.00 - TRAN 393592 10/21/99 - THIS PERMIT TO CONNECT EXPIRES ONE YEAR FROM DATE OF ISSUANCE	
FEE CALCULATION		BUILDING USE	
INSPECTION		RESIDENTIAL SF <input type="checkbox"/>	MF <input type="checkbox"/>
CSD-1	39	COMMERCIAL USE	UNITS
SRCSO	2385		
CONSTRUCTION			
IN-LIEU			
TOTAL FEE	2424		
APN: <u>035-0051-046-0000</u>			
DESCRIPTION/ SUBDIVISION <u>Beckie Crest Village</u> LOT: <u>8</u>			
PROPERTY ADDRESS <u>6060-71st St</u>			
OWNER <u>to Skyline Development</u>			
MAILING ADDRESS <u>5127 Phoenicia Court</u>			
CITY-STATE-ZIP <u>Fair Oaks Ca.</u>		PHONE <u>916-4825</u>	
ADDITIONAL FEES MAY BE DUE IF CHANGES IN USE INCREASE SEWER IMPACT.			
APPLICANT SIGNATURE <u>[Signature]</u>			
CONSOLIDATED UTILITY BILLING USE ONLY			
ACCT _____	INPUT _____	START _____	
RECEIPT			



PACIFIC CREST VILLAGE LOT #8

71ST ST.

APN # 038-0051-046-0000



PLAN 1750



DEPARTMENT OF
UTILITIES

ENGINEERING SERVICES

CITY OF SACRAMENTO
CALIFORNIA

1395 - 35TH AVENUE
SACRAMENTO, CA
95822-2911

PH 916-264-1400
FAX 916-264-1497

July 15, 1999
990407:KY

Chris Kephart, President
Skyline Development
5127 Phoenix East Ct.
Fair Oaks, CA 95826-4022

**SUBJECT: DETERMINATION OF BASE FLOOD ELEVATIONS FOR VARIOUS LOTS IN
PACIFIC CREST VILLAGE SUBDIVISION**

Dear Mr. Kephart:

This letter is in reference to your fax of July 10, 1999, requesting a determination of the base flood elevations (BFEs) for various lots in the Pacific Crest Village Subdivision which are in an unnumbered AR flood zone on the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) dated July 6, 1998. Based upon the "Flood Insurance Study", dated January 1989, by the Corps of Engineers, we have determined the BFEs for the following lots:

PACIFIC CREST VILLAGE SUBDIVISION		
LOT #	APN	BFE
1	038-0055-011	30.8
2	038-0055-012	30.9
3	038-0055-013	30.9
4	038-0055-014	31.0
5	038-0051-043	30.7
6	038-0051-044	30.8
7	038-0051-045	30.8
8	038-0051-046	30.9
17	038-0051-055	31.0
24	038-0054-007	31.3

This letter does not imply that a structure built at or above the BFE will or will not be free from flooding. A structure built at or above the BFE may be damaged by a flood. This determination is for purposes of establishing construction standards as required by FEMA, and does not create a liability on the part of the City, or any officer or employee thereof, for any damage that occur from reliance on this determination.

If you have any questions, please call me at 264-1432.

Sincerely,



Kimland M. Yee
Associate Civil Engineer

c: Dave Brent, Supervising Engineer
Bryon Nakashima, Senior Engineer
Charles Capron, Assistant Civil Engineer

ELEVATION CERTIFICATE
FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM

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 validOMB control number is displayed in the upper right corner of this form. Instructions for completing this form can be found on the following pages.

SECTION A PROPERTY INFORMATION

FOR INSURANCE COMPANY USE

BUILDING OWNER'S NAME CHRIS KEPHART SKYLINE DEVELOPMENT	STREET ADDRESS (including Apt. Unit, Suite and/or Bldg. Number) OR P.O. ROUTE AND BOX NUMBER 71st STREET	OTHER DESCRIPTION (Lot and Block Numbers, etc.) APN 038-0051-046 (Lot #8)	CITY SARASOTA	STATE FL	ZIP CODE 95824
POLICY NUMBER	COMPANY NAIC NUMBER				

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

1. COMMUNITY NUMBER 060266	2. PANEL NUMBER 0015	3. SUFFIX F	4. DATE OF FIRM INDEX 7/6/98	5. FIRM ZONE AR	6. BASE FLOOD ELEVATION (in AD Zones, use depth) 30.90
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SECTION C BUILDING ELEVATION INFORMATION

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: 30 feet NGVD (or other FIRM datum—see Section B, item 7).

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.

(2a). 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 31.9 feet NGVD (or other FIRM datum—see Section B, item 7).

(c). 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 31.9 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 31.9 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 31.9 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.)

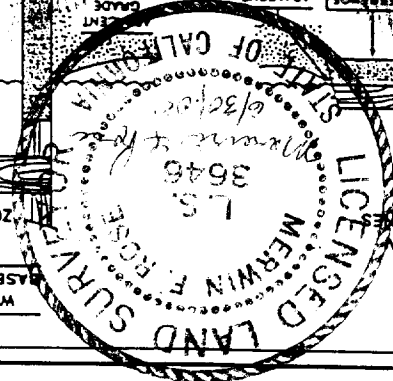
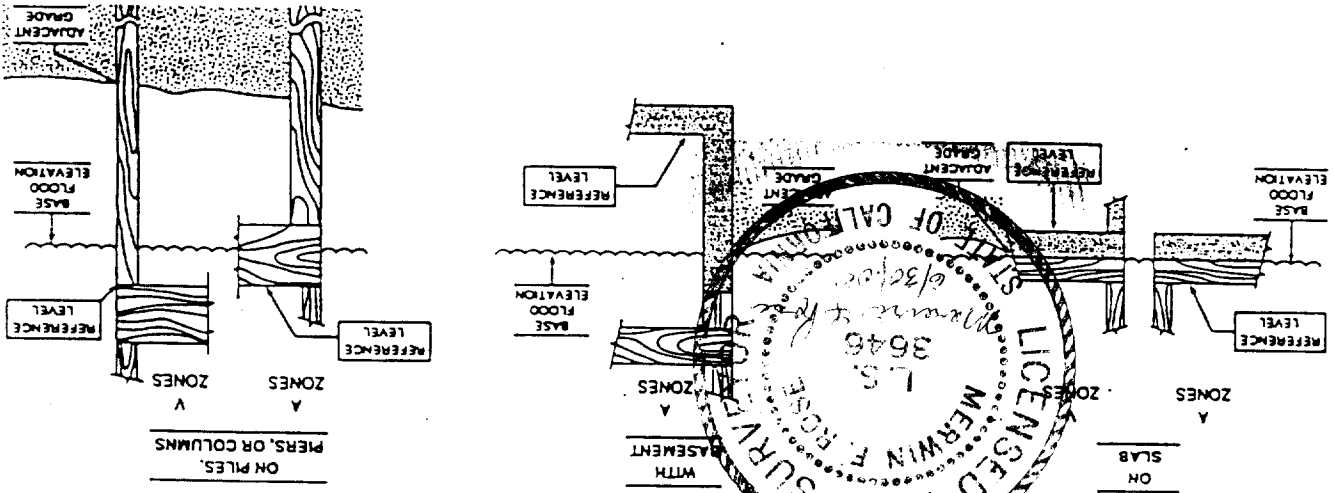
6. The elevation of the lowest grade immediately adjacent to the building is: 31.9 feet NGVD (or other FIRM datum—see Section B, item 7).

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: 31.9 feet NGVD (or other FIRM datum—see Section B, item 7).

2. Date of the start of construction or substantial improvement _____

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.



COMMENTS:

- The floor used as the reference level from the selected diagram is _____ ft. above the highest grade adjacent to the building.
- Structure elevated on fill? Yes (attach grading plan and complete items 3, 4, and 5 below) No
- Highest natural elevation of the ground surface adjacent to the structure is EL. _____ ft.
- Elevation of the top of the reference level floor from the selected diagram is EL. _____ ft. A1 or above B-F? Yes No
- 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).
- Elevation datum used for above elevations. NGVD 29 City of Sacramento Datum (NGVD 29 = City of Sacramento Datum) Other (description attached)

FIRM ZONE AR

CERTIFIER'S NAME: Merwin F. Rose

TITLE: Surveyor

COMPANY NAME: Rose's Engineering

ADDRESS: 6012 Bawff Vista Drive Elk Grove CA 95624

CITY: Elk Grove STATE: CA ZIP: 95624

SIGNATURE: [Signature] DATE: 10/1/99 PHONE: 916-686-2262

LICENSE NUMBER (or Affix Seal): R.L.S. 3646

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.

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.

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.

SECTION E CERTIFICATION

ELEVATION CERTIFICATE
FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM

O.M.B. No. 3067-0077
 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.

SECTION A PROPERTY INFORMATION		FOR INSURANCE COMPANY USE
BUILDING OWNER'S NAME <i>Chris Kephart - Skyline Development</i>		POLICY NUMBER
STREET ADDRESS (Including Apt., Unit, Suite and/or Bldg. Number) OR P.O. ROUTE AND BOX NUMBER <i>71st STREET</i>		COMPANY NAIC NUMBER
OTHER DESCRIPTION (Lot and Block Numbers, etc.) <i>APN 038-009-046 (Lot # 8)</i>		
CITY <i>SACRAMENTO</i>	STATE <i>CA</i>	ZIP CODE <i>95824</i>

SECTION B FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

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

1. COMMUNITY NUMBER	2. PANEL NUMBER	3. SUFFIX	4. DATE OF FIRM INDEX	5. FIRM ZONE	6. BASE FLOOD ELEVATION (in AO Zones, use depth)
<i>360266</i>	<i>0015</i>	<i>F</i>	<i>7/6/98</i>	<i>AR</i>	<i>30.90</i>

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: *30.9* feet NGVD (or other FIRM datum—see Section B, Item 7).

SECTION C BUILDING ELEVATION INFORMATION

- 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 *1*.
- (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 *30.5* 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
- 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.)
- Elevation reference mark used appears on FIRM: Yes No (See Instructions on Page 4)
- 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.)
- The elevation of the lowest grade immediately adjacent to the building is: *32.1* feet NGVD (or other FIRM datum—see Section B, Item 7).

SECTION D COMMUNITY INFORMATION

- 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).
- 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.

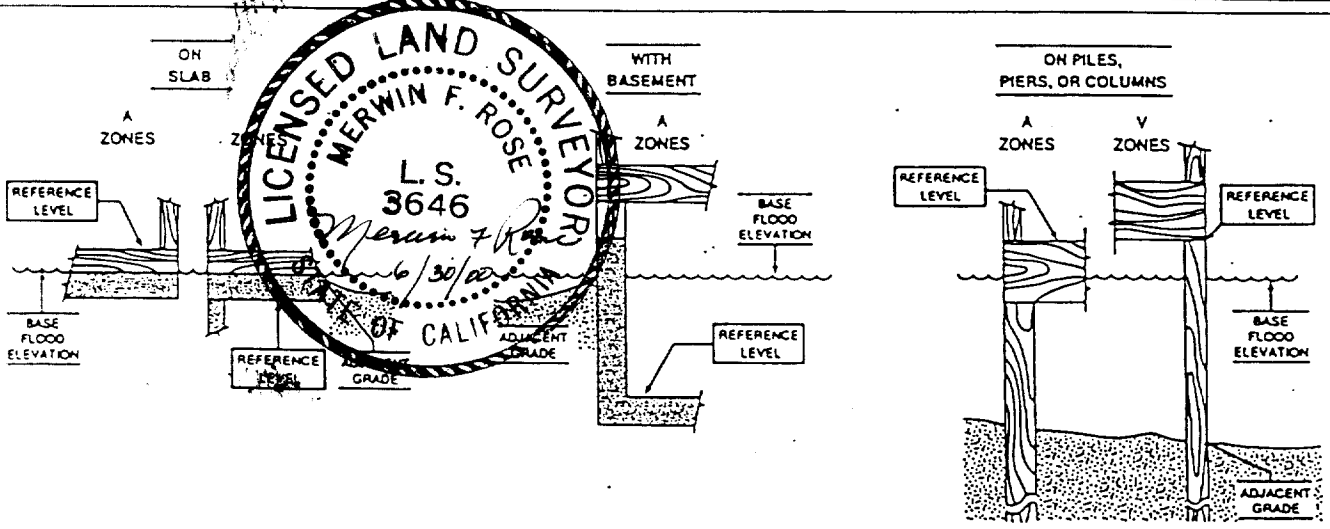
CERTIFIER'S NAME MERWIN F. ROSE LICENSE NUMBER (or Affix Seal) L.S. 3646
 TITLE LAND SURVEYOR COMPANY NAME _____
 ADDRESS 8612 BANFF VISTA DRIVE, ELK GROVE, CA CITY ELK GROVE, CA STATE CA ZIP 95624
 SIGNATURE Merwin F. Rose DATE 12/8/99 PHONE 916-686-6262

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

COMMENTS:

FIRM ZONE AR

- The floor used as the reference level from the selected diagram is 1' ft. above the highest grade adjacent to the building.
- Structure elevated on fill? Yes (attach grading plan and complete items 3,4, and 5 below) No
- Highest natural elevation of the ground surface adjacent to the structure is EL 32.5 ft.
- Elevation of the top of the reference level floor from the selected diagram is EL 33.5 ft. At or above BFE? Yes No
- 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.).
- 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.

Norman

Scheel

Structural

Engineer

Sacramento
6939 Sunrise Blvd.
Suite 123
Citrus Heights, CA 95610
(916) 726-0612
(916) 726-3189 (fax)

NORMAN SCHEEL
Structural Engineer
Email: norm@nsse.com

ROBERT COON
Project Manager
Email: rob@nsse.com

PAULO IBÁÑEZ
Project Manager
Email: paulo@nsse.com

FERRISCHNEIDER P.E.
Project Engineer
Email: terri@nsse.com

TIM SLOAN
Project Manager
Email: tim@nsse.com

CASANDRA COURTILLET
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Email: casandra@nsse.com

Davis
1623 Fifth Street
Suite F
Davis, CA 95616
(530)753-5300
(530)753-5380

TRACY HARRIS P.E.
Project Engineer
Email: tracy@nsse.com

DARRELL PEREIRA
Design Engineer
Email: darrell@nsse.com

Skyline Enterprises
5127 Phoenix East Court
Fair Oaks, CA 95628

Re: Floor Joist Spans

To whom it may concern:

This letter is to verify that the attached page of the UBC is to be used to determine the maximum allowable spans per code for floor joists. Please note that Douglas Fir Larch #2 has a Modulus of Elasticity of 1.6×10^6 psi.

If there are further questions, please contact Tim Sloan at (916) 726-0612.


NORMAN SCHEEL
STRUCTURAL ENGINEER

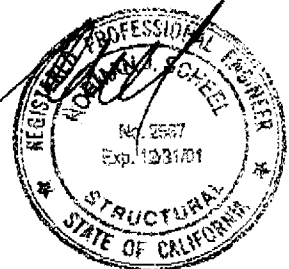


TABLE 23-IV-J-2 - FLOOR JOISTS WITH L/360 DEFLECTION LIMITS
 The allowable bending stress (F_b) and modulus of elasticity (E) used in this table shall be from Tables 23-IV-V-1 and 23-IV-V-2 only.

DESIGN CRITERIA:

Deflection — For 40 psf (1.92 kN/m²) live load.
 Limited to span in inches (mm) divided by 360.

Strength — Live load of 40 psf (1.92 kN/m²) plus dead load of 20 psf (0.96 kN/m²) determines the required bending design value.

Joist Size (in)	Spacing (in)	Modulus of Elasticity, E , in 1,000,000 psi × 0.00689 for N/mm ²																
		0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4
2x	12.0	8-6	8-10	9-2	9-6	9-9	10-0	10-3	10-6	10-9	10-11	11-2	11-4	11-7	11-9	11-11	12-1	12-3
	16.0	7-9	8-0	8-3	8-7	8-10	9-1	9-4	9-6	9-9	9-11	10-2	10-4	10-6	10-8	10-10	11-0	11-2
	19.2	7-3	7-7	7-10	8-1	8-4	8-7	8-9	9-0	9-2	9-4	9-6	9-8	9-10	10-0	10-2	10-4	10-6
	24.0	6-9	7-0	7-3	7-6	7-9	7-11	8-2	8-4	8-6	8-8	8-10	9-0	9-2	9-4	9-6	9-7	9-9
2x4	12.0	11-3	11-8	12-1	12-6	13-0	13-3	13-6	13-10	14-2	14-5	14-8	15-0	15-3	15-6	15-9	15-11	16-2
	16.0	10-6	10-7	11-0	11-4	1-8	12-0	12-3	12-7	12-10	13-1	13-4	13-7	13-10	14-1	14-3	14-6	14-8
	19.2	9-7	10-0	10-4	10-8	11-0	11-3	11-7	11-10	12-1	12-4	12-7	12-10	13-0	13-3	13-5	13-8	13-10
	24.0	8-11	9-3	9-7	9-11	10-2	10-6	10-9	11-0	11-3	11-5	11-8	11-11	12-1	12-3	12-6	12-8	12-10
2x6	12.0	14-4	14-11	15-5	15-11	16-5	16-10	17-3	17-8	18-0	18-5	18-9	19-1	19-5	19-9	20-1	20-4	20-8
	16.0	13-0	13-6	14-0	14-6	14-11	15-3	15-8	16-0	16-5	16-9	17-0	17-4	17-8	17-11	18-3	18-6	18-9
	19.2	12-2	12-9	13-1	13-7	14-0	14-7	14-9	15-1	15-5	15-9	16-0	16-4	16-7	16-11	17-2	17-5	17-8
	24.0	11-8	12-10	12-3	12-8	13-0	13-4	13-8	14-0	14-4	14-7	14-11	15-2	15-5	15-8	15-11	16-2	16-5
2x8	12.0	17-3	18-1	18-9	19-4	19-7	20-6	21-0	21-6	21-11	22-5	22-10	23-3	23-7	24-0	24-5	24-9	25-1
	16.0	15-10	16-5	17-0	17-7	18-1	18-7	19-1	19-6	19-11	20-4	20-9	21-1	21-6	21-10	22-2	22-6	22-10
	19.2	14-1	15-6	16-0	16-7	17-1	17-6	17-11	18-4	18-9	19-2	19-6	19-10	20-2	20-6	20-10	21-2	21-6
	24.0	13-10	14-4	14-11	15-2	15-10	16-0	16-8	17-0	17-5	17-9	18-1	18-5	18-9	19-1	19-4	19-8	19-11
2x10	12.0	18-9	19-2	19-10	20-6	20-9	21-9	22-3	23-0	23-6	24-2	24-8	25-3	25-8	26-3	26-8	27-3	27-8
	16.0	17-0	18-6	19-0	19-7	20-1	20-7	21-1	21-6	22-1	22-6	23-1	23-6	24-1	24-6	25-1	25-6	26-1
	19.2	16-0	17-6	18-0	18-7	19-1	19-6	20-1	20-6	21-1	21-6	22-1	22-6	23-1	23-6	24-1	24-6	25-1
	24.0	15-10	16-4	16-11	17-3	17-10	18-0	18-8	19-0	19-5	19-9	20-1	20-5	20-9	21-1	21-5	21-9	22-1
2x12	12.0	19-8	20-1	20-10	21-6	21-9	22-9	23-3	24-0	24-6	25-2	25-8	26-3	26-8	27-3	27-8	28-3	28-8
	16.0	18-9	19-6	20-0	20-7	21-1	21-7	22-1	22-6	23-1	23-6	24-1	24-6	25-1	25-6	26-1	26-6	27-1
	19.2	18-0	19-0	19-10	20-4	20-7	21-7	22-1	22-6	23-1	23-6	24-1	24-6	25-1	25-6	26-1	26-6	27-1
	24.0	17-10	18-4	18-11	19-3	19-10	20-0	20-8	21-0	21-5	21-9	22-1	22-5	22-9	23-1	23-5	23-9	24-1

NOTE: The required bending design value, F_b , in pounds per square inch (× 0.00689 for N/mm²) is shown at the bottom of this table and is applicable to all lumber sizes shown. Spans are shown in feet-inches (1 foot = 304.8 mm, 1 inch = 25.4 mm) and are limited to 26 feet (7925 mm) and less.

USE THIS COLUMN FOR
 DF #2 JOISTS.