

CITY OF SACRAMENTO

1231 I Street, Sacramento, CA 95814

Permit No: 0500920

Insp Area: 1

Thos Bros: 297H5

Site Address: 1332 40TH ST SAC

Parcel No: 008-0254-002

Sub-Type: ASFR

Housing (Y/N): N

CONTRACTOR

OWNER

HARNEY ELIZABETH A/PAUL D  
1332 40TH ST  
SACRAMENTO, CA 95819

ARCHITECT

JAMES PLUMB ASSOCIATES  
1249 32ND ST  
SACRAMENTO CA 95816

Nature of Work: INTERIOR REMODEL AND 152 SQ FT ADDITION

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 N/A 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 553518 Date 7-19-05 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 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 7-19-05 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 STATA FUND Policy Number 046-005463-05 Exp Date JAN 1 06

(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.

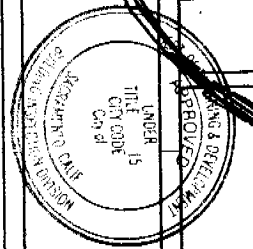
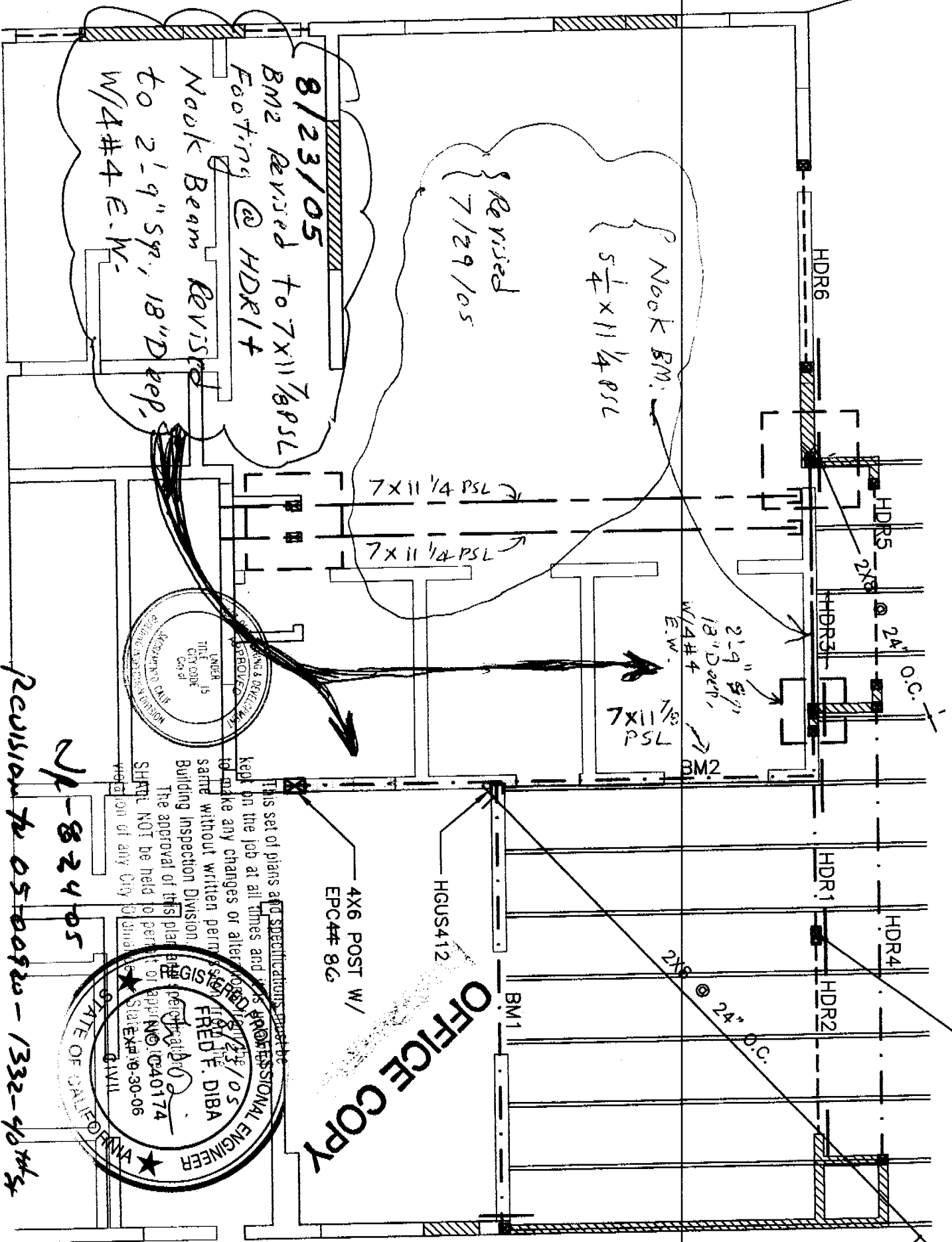
Date 7-19-05 Applicant Signature [Signature]

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.

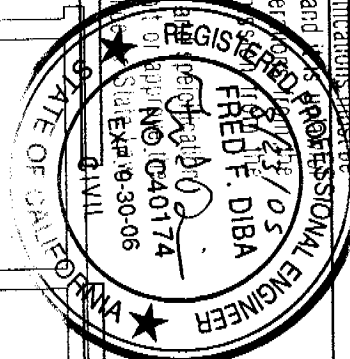
THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT COMMENCED WITHIN 180 DAYS.

1332 40th St.

# 0500920



This set of plans and specifications must be kept on the job at all times and to make any changes or alterations same without written permission of the Building Inspection Division. The approval of this plan shall NOT be held to permit violation of any City Ordinance.



**OFFICE COPY**

Revision to 05-00920 - 1332-40th St

11-824-05

**(N) Roof Framing:**

**Roof Rafter:**

Max. Span = 10'  
DL = 8psf, LL = 16psf,  
Use 2x8

Ridge / Hip / Valley Boards:  
Use 2x10, UNO

DF#2 @ 24" OC [CBC Tables 23-IV-V-1, and 23-IV-R-5]

TL = 48psf

**California Framing:**

Max. Span = 6'  
DL = 8psf, LL = 16psf,  
Use 2x6

Ridge / Hip / Valley Boards:  
Use 2x8, UNO

DF#2 @ 24" OC [CBC Tables 23-IV-V-1, and 23-IV-R-5]

TL = 48psf

**Ceiling Joists:**

Max Span = 12.5'  
DL = 5psf, LL = 10psf,  
Use 2x6

DF#2 @ 24" OC [CBC Tables 23-IV-V-1, and 23-IV-R-5]

TL = 30psf

**Roof Beams and Headers:**

Beams and Headers, per plan and specifications, per plan

Beam size and spacing to be determined by the engineer.

Keep a record of all alterations and repairs to the structure.

Sampling and testing of materials shall be done in accordance with the specifications.

The applicant shall provide a copy of this plan and specifications to the Building Inspection Division.

NO. 412

4x6

4x6

4x6

4x6

4x6

4x6

4x6

4x6

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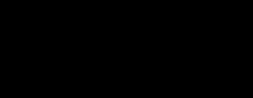
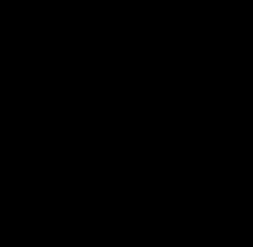
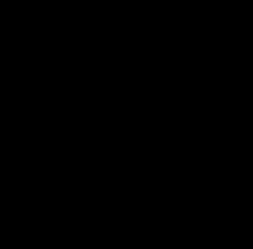
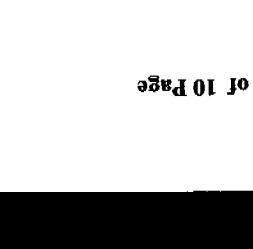
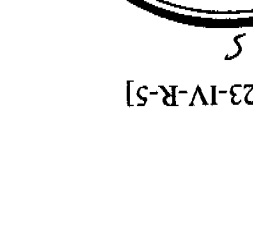
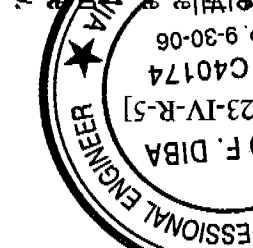
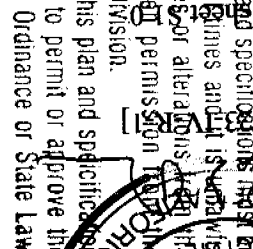
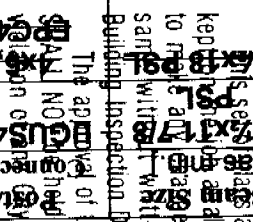
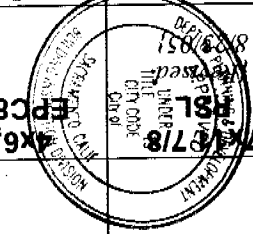
4x6

4x6

Beam No.	Span [Ft]	W [#]/Ft, &/or P [#]	M [#-Ft]	R [#]	R, back =	R, front =	R, Def. =	R, back =	R, front =	R, Def. =	Beam size
BMI	13.5	$w = (29psf)(17/2) + 13x8.5' = 360$	8200	2430	36816	7675	0.5"	36816	7675	0.5"	3 7/8x11 7/8 PSL
BM2	16	$w_{back\ 10'} = (29psf)(24/2) + (50psf)(13/2) + 13x8.5' = 800$ $w_{front\ 6'} = (29psf)(24/2) + (50psf)(27/2) + 6x8.5' = 1100$ $P_{at\ 10'} = 2500$	L/380]	9425	32180	6518	0.7"	32180	6518	0.7"	7x8 7/8 HSL
HDR1	6.5	$P_{at\ 15'} = 6600$ $P_{at\ 10'} = 2430$ $w_{back\ 10'} = (29psf)(24/2) + (50psf)(8/2) + 13x8.5' = 660$ $w_{front\ 6'} = (29psf)(24/2) + (50psf)(22/2) + 6x8.5' = 950$	L/260]	8213	7616	5077	0.7"	7616	5077	0.7"	3 7/8x11 7/8 PSL
HDR2	6.5	$w = (29psf)(12/2) = 180$	950	585	950	585	0.7"	950	585	0.7"	4x12 PSL
HDR3	8	$w = (29psf)(10/2+2) + 50(3.33/2+13x8.5' = 400$	3230	1600	3230	1600	0.7"	3230	1600	0.7"	3 7/8x11 7/8 PSL
HDR4	14.5	$w = (29psf)(27/2+1.5) = 100$	2700	725	2700	725	0.7"	2700	725	0.7"	4x12 PSL
HDR5	6.5	$w = (29psf)(27/2+1.5) = 100$	530	325	530	325	0.7"	530	325	0.7"	4x8 PSL
HDR6	6.5	$w = (29psf)(10/2+2) + 50(1.33/2+13x8.5' = 400$	2111	1300	2111	1300	0.7"	2111	1300	0.7"	3 7/8x11 7/8 PSL

a.  $M = wL^2/8$   
b.  $R = wL/2$   
c. Deflection =  $22.5 wL^4/EI$   
d. Limit for Deflection =  $L/240$

or, for point load  $M = PL/4$   
or, for point load  $R = P/2$   
or, for point load  $D = PL^3/48EI$



8/23/05

**Raised Floor Framing:**

Floor Joists:

Span = 9' max.

Use 2x8

**Post Design:**

Timber Posts capacity based on CBC 2316, for DF#1:

Post/Ht	7'	8'	9'
4x4	9.2	7.4	6.0
4x6	14.4	11.6	9.4
4x8	18.8	15.2	12.4
6x6	24.7	23.4	21.8

Connections for non-framed timber posts:

Beam to post: Simpson PC.

Post to footing: Simpson PB, UNO see page 10

**Foundation Design:**

(N) Spread footing:

$$w \text{ max.} = (29 \text{ psf})(12'/2) + (13 \text{ psf})(8.5') = 540 \text{ plf}$$

Use 12" wide x 12" deep footing with #4 Top & Bot.

Capacity of Spread footing for concentrated load:  $P = 31.18(0.2 \times 9 \times 12 \times 1000)^{0.5} = 5077 + 2582 = 7659^*$

**Pad Footing:**

Location

Beam 2

HDR 1 & Nook Beam

\*{Revised 8/23/05}

**Lateral Design**

Wind: For 80 MPH, Exp. B.

$$P = C_e C_q q_s I_w = 0.71 \times 1.3 \times 16.4 \times 1 = 15 \text{ psf}$$

[Eq 20-1]

**Seismic:**

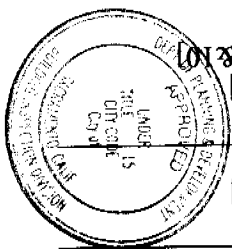
$$V = [2.5 C_a \times I / R] W = [2.5(0.36)(1)/5.5] W = 0.16W$$

$$V = 0.16W / 1.4 = 0.12W$$

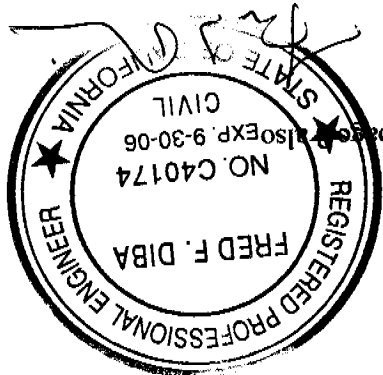
For 2 Story areas:

Following Table is per Equation 30-15.

Horz. Diaph. Level	Weight [psf]	H [ft]	WxH [ft#]	Wi x Hi/Total WxH	Unit Seismic Force [psf]
Roof / Ceiling	13+4=17	17.75	302	66	2.8
Floor	10+8=18	8.5	153	34	1.4
Totals:	35		455	100%	4.2



This set of plans and specifications must be kept on the job site at all times and no alterations or changes shall be made without the 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.





CITY OF SACRAMENTO  
DEVELOPMENT SERVICES DIVISION  
FAXED PERMIT APPLICATION (certain restrictions apply)  
Fax # 916-264-1901

DATE: 1-14-05

*Faxed request must be received in this office by 3:00 p.m. to be processed the following work day.  
Note: Contractors must have a current certificate of Worker's Compensation Insurance.*

*Note: Work started before a Building Permit is issued will be subject to quad fee*

RESIDENTIAL  APARTMENTS (4+ units per building)  COMMERCIAL (limited)

IN ORDER TO PROCESS THIS REQUEST, ALL THE FOLLOWING INFORMATION MUST BE PROVIDED:

JOB ADDRESS: 1332 40th St  
 CONTACT PERSON: Kate Levey  
 UNIT # \_\_\_\_\_ CONTRACT PRICE \$ \_\_\_\_\_  
 Property Owner: Beth Hammer  
 Address: 1332 40th St  
 City/State/Zip: Sacramento CA 9581  
 Contractor: \_\_\_\_\_ License # \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City/State/Zip: \_\_\_\_\_  
 Phone: \_\_\_\_\_ FAX: \_\_\_\_\_

NATURE OF REQUEST: Indicate from the selections below & provide details under description of work.				
<input type="checkbox"/> REROOF (excluding tile) <input type="checkbox"/> TEAR-OFF <input type="checkbox"/> RESHEET <input type="checkbox"/> HOUSE <input type="checkbox"/> GARAGE # SQUARES: _____ Material: _____ <input type="checkbox"/> SIDING <input type="checkbox"/> wood <input type="checkbox"/> T-111 <input type="checkbox"/> Horiz <input type="checkbox"/> vinyl <input type="checkbox"/> stucco Note: Design Review approval may be required in certain areas.	<input type="checkbox"/> HVAC INSTALLATIONS (residential ONLY) <input type="checkbox"/> CHANGE-OUT <input type="checkbox"/> NEW <input type="checkbox"/> Heat Pump <input type="checkbox"/> Package <input type="checkbox"/> Split system <input type="checkbox"/> Roof mount <input type="checkbox"/> Cut-in <input type="checkbox"/> Heat pump or ele.x. unit to gas. <input type="checkbox"/> Wall furnace <input type="checkbox"/> Other (describe below)	<input type="checkbox"/> WATER HEATER (residential ONLY) <input type="checkbox"/> GAS <input type="checkbox"/> ELECTRIC <input type="checkbox"/> Change-out <input type="checkbox"/> Electric to Gas <input type="checkbox"/> Relocate <input type="checkbox"/> New	<input type="checkbox"/> MINOR ELECTRIC and/or MINOR PLUMBING (residential ONLY) <input type="checkbox"/> Electric Service Change # amps <input type="checkbox"/> New electric circuits <input type="checkbox"/> Re-wire <input type="checkbox"/> Water Service Replacement <input type="checkbox"/> Sewer Service Replacement <input type="checkbox"/> Gas Line Replacement <input type="checkbox"/> Re-plumb <input type="checkbox"/> Water <input type="checkbox"/> Waste	<input type="checkbox"/> PUBLIC UTILITIES SAFETY INSPECTION* (Residential and single apartment units ONLY) <input type="checkbox"/> SMUD <input type="checkbox"/> PGE *NOTE: Correction Notice items will require an additional building permit
<input type="checkbox"/> DRY ROT OR TERMITTE DAMAGE REPAIR (Describe locations below) Note: Design Review approval may be required in certain areas.				

DESCRIPTION OF WORK:

faxpermit.frm [rev online 3/10/00]

0500920



**CITY OF SACRAMENTO  
BUILDING INSPECTION  
DIVISION**

**PERMIT OFFICES**

Downtown (916) 264-7619  
1231 I St., Rm. 200, Sacramento 95814  
Natomas Center (916) 808-2534  
2101 ARENA BL., Sacramento 95834  
<http://www.sacto.org>

**RESIDENTIAL PLAN REVIEW  
2001 CBC Adopted Codes  
Effective November 1<sup>st</sup>, 2002**

PROJECT ADDRESS  
& DESCRIPTION

1332 40<sup>th</sup> ST SACRAMENTO

PERMIT  
NO:

0500920

ADDITION ROOMS TO SINGLE FAMILY RESIDENCE  
These sheets, when attached to a set of plans, become part of those plans and must remain attached thereto. The approval of this plan and the specifications shall not be held to permit or approve the violation of any City ordinance or State or Federal law. (Note: Authorized agent must provide a letter from Owner verifying Authorization.) (The code requirements circled do not limit the code requirements for this project.)

I have read and will comply with the items in this document and as marked on the plans.

Signature of:  Owner  Authorized Agent  Contractor  Architect/Engineer

Date 7-19-05

**BUILDING CODE REQUIREMENTS**

- B-1 Smoke detector location within dwelling units. In dwelling units, a detector shall be installed in each sleeping room and at a point centrally located in the corridor or area giving access to each separate sleeping area. When the dwelling unit has more than one story and in dwellings with basements, a detector shall be installed on each story and in the basement. In dwelling units where a story or basement is split into two or more levels, the smoke detector shall be installed on the upper level except that, when the lower level contains a sleeping area, a detector shall be installed on each level. When sleeping rooms are on an upper level, the detector shall be placed at the ceiling of the upper level in close proximity to the stairway. In dwelling units where the ceiling height of a room open to the hallway serving the bedrooms exceeds that of the hallway by 24 inches (610 mm) or more, smoke detectors shall be installed in the hallway and in the adjacent room. Detectors shall sound an alarm audible in all sleeping areas of the dwelling unit in which they are located. In new construction, required smoke detectors shall receive their primary power from a commercial source and have a battery back up. 2001 CBC, Section 310.9.1.
- B-2 When alteration, repairs, or additions having a value in excess of \$1,000 are made, provide an approved smoke detector to protect existing sleeping rooms. The detector may be battery operated as per 2001 CBC, Section 310.9.1.2.  
*Exception:* Repairs to the exterior surfaces of a Group R occupancy are exempt from the requirements of this section.
- B-3 Emergency escape and rescue. Basements in dwelling units and every sleeping room below the fourth story shall have at least one operable window or door approved for emergency escape or rescue that shall open directly into a public street, public way, yard, or exit court. Escape or rescue windows shall have a minimum net clear openable area of 5.7square feet / 821 SQ. inches. The minimum net clear openable height dimension shall be 24 inches. The minimum net clear openable width dimension shall be 20 inches. Emergency escape or rescue windows shall have a finished sill height not more than 44 inches above the floor. 2001 CBC, Section 310.4.
- B-4 All Group U occupancies attached to Group R, Division 3 occupancies shall be separated by materials approved for one-hour fire-resistive construction. The separation may be limited to the garage side only and requires a self-closing, tight fitting solid wood door 1 3/8 inches in thickness or a self-closing, tight fitting door having a fire protection rating of not less than 20 minutes. CBC, Section 302.4, Exception 3. Note: All members supporting such separation shall be equivalent fire-resistive construction as per 2001 UBC, Section 302. All electrical outlet boxes on opposite sides of the wall shall be separated by a horizontal distance on not less than 24 inches per 2001 CBC 709.7 Exception 1

Downtown Permit Center  
1231 I Street, Suite 200  
Sacramento, CA 95814  
Help Line: 1-916-264-5656

CITY OF SACRAMENTO  
DEVELOPMENT SERVICES DEPARTMENT  
BUILDING DIVISION  
[www.cityofsacramento.org](http://www.cityofsacramento.org)

North Permit Center  
2101 Arena Blvd., Suite 200  
Sacramento, CA 95834  
Inspection: 1-916-808-4677

## SITE DRAINAGE AND ENCROACHMENT QUESTIONNAIRE

PARCEL # 008 - 0254 - 002 PERMIT # 0500920  
SITE ADDRESS 1332 - 40TH ST. ACREAGE .16

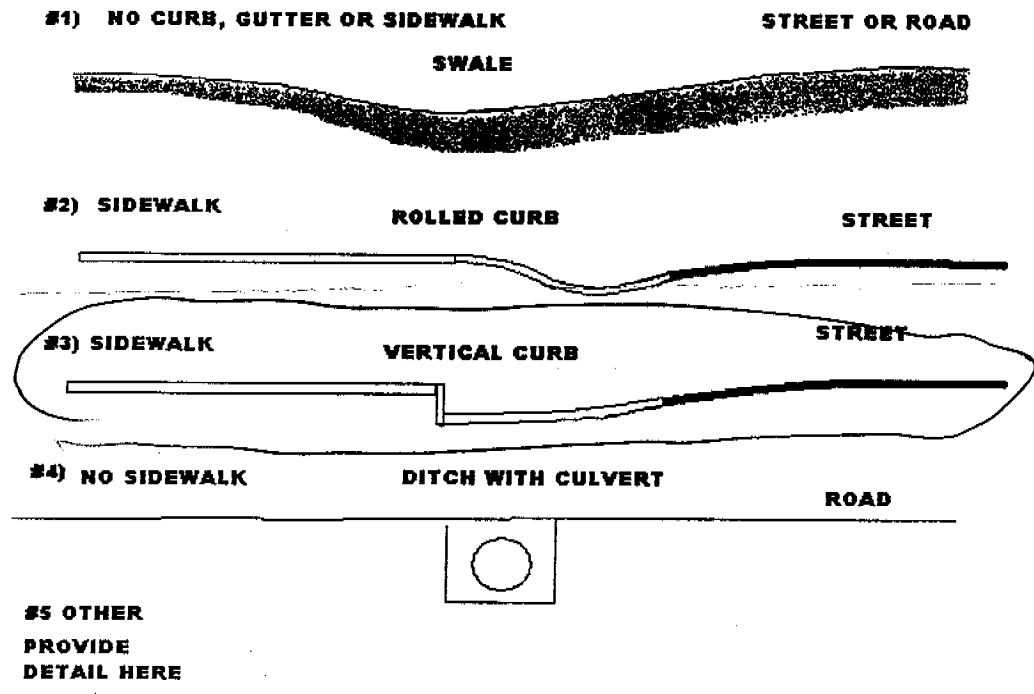
The City of Sacramento requires a building site to be graded to drain correctly and site drainage routed to an approved location. To help us understand the site drainage for your project and determine if a driveway permit or an encroachment permit is required please answer the following questions. All questions must be answered.

1. Are there existing structures on the site?  Y  N
2. Is there an existing concrete or paved driveway to this parcel from the street?  Y  \*N
3. Will the existing access to this parcel be changed in any way for this project?  \*Y  N
4. Are all portions of the lot higher than the crown of the street?  Y  \*N
5. Are all portions of the lot higher than the back of the sidewalk?  Y  \*N
6. Is there a curb and gutter at the street level?  \*Y  N
7. Is there a sidewalk with a curb and gutter at the street?  \*Y  N
8. Is the curb at the street square?  \*Y  N  N/A
9. Is there a rolled curb at the street?  Y  N  N/A
10. Is there a drainage ditch or culvert at the street?  Y  \*N  N/A
11. Does the lot drain from back to front?  Y  \*N
12. Does the lot drain from front to rear?  Y  \*N
13. Does another lot drain across this parcel?  \*Y  N
14. Does the lot drain from side to side?  \*Y  N
15. Does the site have an existing low area or drainage swale?  \*Y  N
16. Does the drainage swale drain to an adjacent parcel?  \*Y  N  N/A
17. Does the drainage swale drain to the street?  Y  \*N  N/A
18. Will existing drainage be re-routed?  \*Y  N
19. Will drainage ditches or culverts be constructed or modified?  \*Y  N  N/A
20. Did this project require approval from the Zoning Administrator?  \*Y  N
21. Did the project require approval from the Planning Administrator?  \*Y  N

**SITE DRAINAGE AND ENCROACHMENT QUESTIONNAIRE**

- 22. Is there any tree, telephone pole, guy wire or similar obstruction located at the front of the property adjacent to the street or road? \*Y N
- 23. Is this a corner lot? \*Y N
- 24. Is the posted speed limit on this street greater than 25 MPH? \*Y N
- 25. Is this parcel located on a four-lane street? \*Y N
- 26. If site is greater than 1/2 acre has an erosion and sediment control plan been submitted? Y \*N N/A
- 27. If site disturbs 1 acre or more has a copy of the State General Permit NOI and SWPPP been submitted? Y \*N N/A
- 28. If site is part of a larger subdivision greater than 1 acre has a copy of the State General Permit NOI and SWPPP been submitted? Y \*N N/A

**CIRCLE THE DRAWING NUMBER BELOW THAT BEST ILLUSTRATES THE EXISTING CONDITION AT THE LOCATION OF THE PROPOSED DRIVEWAY OR SITE ACCESS.**



The information provided on this document is accurate. I understand that if this form is incomplete, contains inaccurate or misleading information, the project located at this address may be delayed until any drainage or encroachment issues are resolved to the satisfaction of the City of Sacramento.

SIGNED [Signature] DATE 7-19-05  
 TITLE CONTRACTOR  
 PHONE NO 916-478-8284



City of Sacramento Planning Division  
**PLANNING REVIEW FOR BUILDING PERMIT SUBMITTAL**

ADDRESS: 1332 40 <sup>TH</sup> STREET	APN: 008-0254-002
DRPB AREA / PUD / SPD: N/A	ZONING: R-1
EXISTING LAND USE: SFR	
PROPOSED USE: 152 sq ft addition to existing SFR	
<b>PLANNING STAFF WILL CHECK ONE OR MORE OF THE ITEMS BELOW:</b>	
<input type="checkbox"/>	Planning review is NOT required.
<input type="checkbox"/>	Use is NOT allowed; applicant CANNOT submit for plan check.
<input type="checkbox"/>	Requires APPLICATION(s): PC      ZA      IR      ER      DR      PB Required Planning application must be submitted <i>before</i> project can be submitted for plan check.
<input type="checkbox"/>	<b>Application(s) IN PROGRESS:</b> Applicant may submit for concurrent building permit plan check, at applicant's risk. Building Division must check with Planning staff and/or SITE before issuing building permit.
<input type="checkbox"/>	<b>Application(s) COMPLETED:</b> Building permit must conform to approved plans and comply with all conditions of approval. Do NOT issue building permit prior to end of 10 day appeal period.
<input checked="" type="checkbox"/>	<b>Plans may be submitted for plan check.</b> Plan checker(s) shall confirm compliance with Zoning Ordinance requirements and all applicable development standards <i>prior to issuance</i> of building permit.
<input checked="" type="checkbox"/>	Meets setback & lot coverage requirements as shown on site plan provided.
<input checked="" type="checkbox"/>	Plans to be submitted have been stamped/signed by Planning counter staff.
<input type="checkbox"/>	Route to SITE for plan check and inspection.
<input type="checkbox"/>	Preliminary review ONLY; the information on this form must be reviewed again and confirmed at the time of building permit submittal.
COMMENTS: Lot 7,000 sq ft - SFR w/152 sq ft addition & 386 sq ft detached garage = 2,063 sq ft Lot coverage 29% - The proposed project is within the maximum height limit allowed for the R-1 zone. Existing SFR 1,525 sq ft	
DATE: January 14, 2005	BY: Darryl Wheeler