

CITY OF SACRAMENTO
1231 I Street, Sacramento, CA 95814

Permit No: 0110039

Insp Area: 4
Thos Bros: 277B5

Site Address: 3110 AZEVEDO DR SAC
Parcel No: 225-0851-019

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

CONTRACTOR
KWS UNITED TECHNOLOGY
8340 AUBURN BL STE 125D
CITRUS HEIGHTS CA 95610

OWNER
PAL BALBAIR S/LYNETTE A
3110 AZEVEDO DR
SACRAMENTO CA 95833

ARCHITECT

Nature of Work: 2ND STRY ASFR - 778 SF LVNG, EXTEND (E) MASONRY F.P.

CONSTRUCTION LENDING AGENCY: I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).

Lender's Name _____ Lender's Address _____

LICENSED CONTRACTORS DECLARATION: I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License Class B License Number 709669 Date 11/07/01 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 11/07/01 Applicant/Agent Signature [Signature]

WORKER'S COMPENSATION DECLARATION: I hereby affirm under penalty of perjury one of the following declarations:
I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of work for which the permit is issued.

I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier STATE FUND Policy Number 1461476-98 Exp Date 07/01/1999

(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 11/07/01 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.

Natomas Unified School District
 1515 Sports Drive, #1 • Sacramento, CA 95834-1905
 Phone 916/641-3300 • Fax 916/928-1629

CERTIFICATION OF COMPLIANCE
SCHOOL DISTRICT DEVELOPMENT FEES

PART I: TO BE COMPLETED BY APPLICANT			
Property Owner's Name	BALBAIR & LYNETTE PAL		
Owner's Address			
Project Address	3110 AZEVEDO DR		
Parcel Number	225.0851.019		
Subdivision Name			
Number of Units			
Print Applicant's Name	PELLE S. PAL	Applicant's Signature	<i>[Signature]</i>
Title of Applicant	Rep.	Telephone Number	916/271-1111
Date	11/06/01		
PART II: TO BE COMPLETED BY BUILDING DEPARTMENT			
Plan Identification Number	6110039		
Building Type (Check One)	<input checked="" type="checkbox"/> Residential <input type="checkbox"/> Apartment/Condominium <input type="checkbox"/> Commercial/Industrial		
Square Feet of Chargeable Building Area	778		
Signature	<i>[Signature]</i>		
Title	BUS TECH	Date	11/7/01
PART III: TO BE COMPLETED BY NATOMAS UNIFIED SCHOOL DISTRICT			
District Certification Number	02-703		
Fees Collected:			
Residential:	778	Sq. Ft. X \$ 205	= \$ 1594.90
Apartment/Condominium:		Sq. Ft. X \$	= \$
Commercial/Industrial:		Sq. Ft. X \$	= \$
<p>NOTICE TO APPLICANT: Pursuant to government code section 66020 (d), this will serve to notify you that the 90-day approval period in which you may protest the fees, or other payment identified above, will begin to run on the date in which the building or installation permit for this project is issued, or on which they are paid to the District, or to another public entity authorized to collect them on behalf of the District, whichever is earlier.</p>			
Applicant Signature:	<i>[Signature]</i>		Date: 11/06/01

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 authorize Natomas Unified School District official, I hereby certify that the requirements of Government Code Section 95995 have been complied with by the above signed applicant.

SIGNATURE: Michael Morman DATE: 11/6/01
 TITLE: Michael Morman
Facilities Planning Director

Date of Request: _____
By: _____

CITY OF SACRAMENTO DEVELOPMENT SERVICES DIVISION
PLANNING AND ZONING INFORMATION REQUEST

Project Address: 3110 Azevedo Dr

Assessor's Parcel Number: 225-0851-019

Previous Use: SFR

Description of Request/Proposed Use: 2nd floor addition -
no change to footprint, garage to
remain

Is This a Change of Use? No

Zoning Designation: R1

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

Comments: Height to match existing structure.
No change to lot coverage or setbacks.
See ERO1-067 approved 8-7-01

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 See Above

Planning Review by/Date: Ronda Hay 8-7-01

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

MICROFILM AFTER FINAL

Pacific Consulting Engineers

2150 Bell Ave., Suite 145 • Sacramento, CA 95838 • (916) 564-6028 • Fax: (916) 564-6029

December 17, 2001

KWS - United Technologies
8340 Auburn Blvd, Suite 125D
Citrus Heights, CA 95610

RE: Response to Field Inspectors Comments during the December 11, 2001, inspection of the Pal Addition at 3110 Azevedo Drive, Sacramento, CA.
This report is our Job#01-1588_2. Original Job #01-1266.
City of Sacramento Application #0110039.

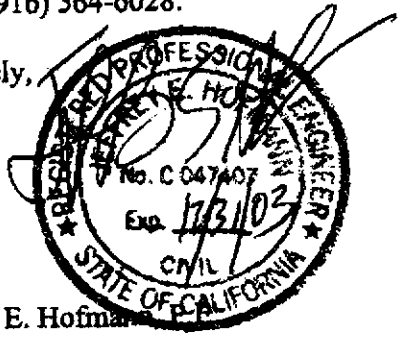
To whom it may concern:

Please be advised of the following in response to the field inspectors question:

With regards to the length of the shear wall at the back of the garage:
Please be advised that the shear wall at the back of the garage may be 15'-6" long instead of the 18' long shown on the plans. The 15'-6" is based on the outside to outside of the framing members at each end of the shear wall. This would result in a approximate center to center distance on the hold down anchor bolts of 14'-9". I have attached copies of the revised calculation pages regarding this matter.

If you have any questions or need further clarification on these matters please feel free to contact me at (916) 564-6028.

Sincerely,



Jeffrey E. Hofman

1ST STORY WALLS

LINE ④ L OF SW = 8'

$VW = \frac{19.5}{2} (232 \text{ PLF}) = 2262 \#$

$VS = \frac{15.5}{2} (100 \text{ PLF}) = 975 \#$

$r = \frac{975}{4250} \left(\frac{10}{8} \right) = 0.28 < 0.70 = \underline{\text{PSI}}$

$V = 2262 / (8') = 283 \text{ PLF}$ USE SW ②

HALDDOWNS $\frac{2}{3} W_{DL} = \frac{2}{3} [(8' \text{ UOPLF}) + 3(1075) + \frac{1}{2}(1075)] = 146 \text{ PLF}$

$F_{HD}(L=8) = 283(8) - \frac{1}{2}(146)(8) = 1680 \#$ USE HD ①

12/17/01

LINE ⑤ L OF SW = ~~15'~~ 15'-6"

$VW = \frac{42.5}{2} (232) = 4930 \#$

$VS = \frac{42.5}{2} (100) = 2125 \#$

$r = \frac{2125}{4250} \left(\frac{10}{15.6'} \right) = 0.32 < 0.35 = \underline{\text{PSI}}$

$V = 4930 / 15.6' = 316 \text{ PLF}$ USE SW ②

HALDDOWN $\frac{2}{3} W_{DL} = 146 \text{ PLF}$ 15'-6" 1413#

$F_{HD}(L=15.6') = 316(15.6) - \frac{1}{2}(146)(15.6) = 318 \text{#}$ USE HD ①

LINE ⑥ L OF SW = 6'

$VW = \frac{23}{2} (232) = 2668 \#$

$VS = \frac{23}{2} (100) = 1150 \#$

$r = \frac{1150}{4250} \left(\frac{10}{6} \right) = 0.45 = \underline{\text{PSI}}$

$V = \frac{2668}{6} = 445 \text{ PLF}$ USE SW ③

HALDDOWNS $\frac{2}{3} W_{DL} = 146 \text{ PLF}$

$F_{HD}(L=2.5) = 445(6) - \frac{1}{2}(146)(2.5) = 3378 \#$
 $F_{HD}(L=3.5) = 445(6) - \frac{1}{2}(146)(3.5) = 3304 \#$ USE HD ①

No. 937 811E
Engineer's Computation Pad



PACIFIC CONSULTING ENGINEERS
 2150 BELL AVE. SUITE 145
 SACRAMENTO CA 95833

LATERAL ANALYSIS

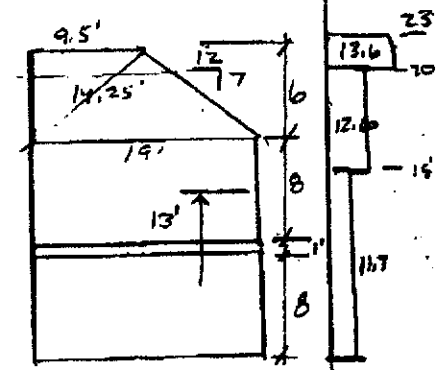
$P = C_e C_q G_s F$
 $P_{LAT} = 11.7 \text{ PSF @ } 15'; 12.6 \text{ PSF @ } 70'; 13.6 \text{ @ } 25'$

WIND 75 MPH EXP B

$W_{1-3} = 3(13.6) + 5(12.6) + 2(11.7) = 127 \text{ PLF}$
 $W_{A-B} = [(35.6 \text{ SF})(13.6) + 87.4(12.6 \text{ PSF}) + 30(11.7 \text{ PSF})] / 19' = 107 \text{ PLF}$
 $W_{4-5} = 127 + 9(11.7 \text{ PSF}) = 232 \text{ PLF}$
 $W_{C-D} = 107 + 9(11.7 \text{ PSF}) = 212 \text{ PLF}$

SEISMIC: Zone 3 $V = \frac{3(136)(1)}{5.5(1.4)} (D_u) = 0.148(D_u)$

$W_{1-3} = 0.14 [19'(107.5) + 2(8)(10)] = 51 \text{ PLF}$
 $W_{A-B} = 0.14 [42.5(107.5) + 3(8)(10)] = 110 \text{ PLF}$
 $W_{4-5} = 51 + 0.14 [19(100) + 2(8)(10)] = 100 \text{ PLF}$
 $W_{C-D} = 110 + 0.14 [42.5(10) + 3(8)(10)] = 203 \text{ PLF}$

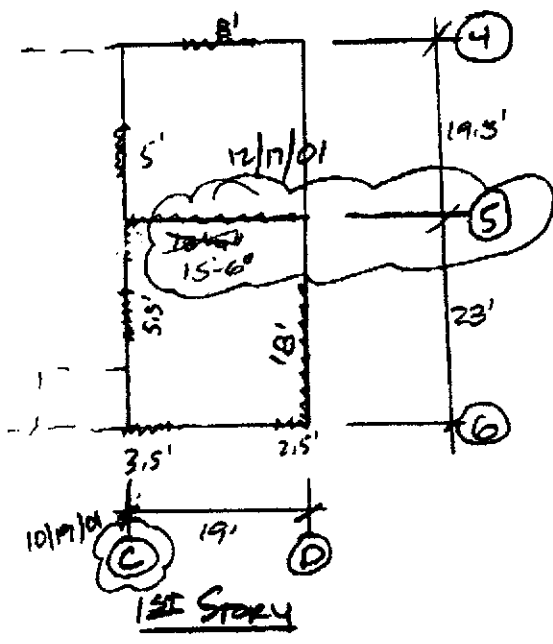
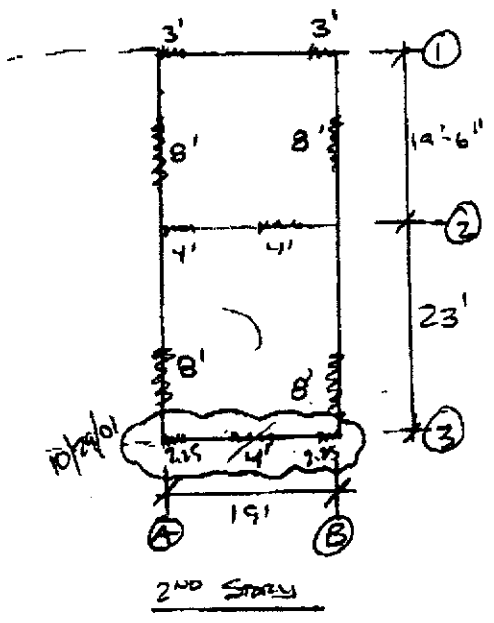


FOR PEALC'S $P = 2 - \frac{20}{r_{IAB}} \quad r = \frac{V}{V_{TOT}} (\frac{10}{C_{OSW}})$

2ND STORY: AB = 807 SF $V_{TOT 1-3} = 42.5(51) = 2168 \#$
 $r \text{ WHICH } P \leq 1 = \frac{20}{\sqrt{807}} \geq 0.70$

1ST STORY: AB = 807 SF $V_{TOT (4-6)} = 42.5(100) = 4250 \#$
 $V_{TOT (C-D)} = 19(203) = 3857 \#$
 $r \text{ WHICH } P \leq 1 = \frac{20}{\sqrt{807}} = 0.70$

PACIFIC CONSULTING ENGINEERS
 2150 BELL AVE., SUITE 145
 SACRAMENTO, CA 95833



No. 937 811E
 Engineer's Computation Pad
STAEDTLER



PACIFIC CONSULTING ENGINEERS

2150 Bell Ave. Suite #145
Sacramento, Calif. 95838 Phone: 916-564-6028 Fax: 916-564-6029

VIA FAX: 729-8366

DATE: 12/12/01

TIME: _____

TO: SARAH

COMPANY: KWS UNITED TECH

RE: SPECIAL INSP + Response to BUDG INSP
@ PAL ADDITION

FROM: JEFF HOFMANN

NUMBER OF PAGES INCLUDING COVER SHEET: 5

IF YOU DO NOT RECEIVE ALL OF THE PAGES OF THE TRANSMISSION, PLEASE CALL THE SENDER.

COMMENTS: Wet Stamped copies AVAILABLE AT OFFICE

FOR PICK UP.

PLEASE BRING CHECK FOR INVOICE ~~AT~~ ^{AT TIME OF}

PICKING UP REPORT.

THANKS,

JEFF HOFMANN.

Pacific Consulting Engineers

2150 Bell Ave., Suite 145 • Sacramento, CA 95838 • (916) 564-6028 • Fax: (916) 564-6029

December 12, 2001

KWS - United Technologies
8340 Auburn Blvd, Suite 125D
Citrus Heights, CA 95610

RE: Special Inspection of Epoxy Set Anchors at the Pal Addition at 3110 Azevedo Drive,
Sacramento, CA. This report is our Job#01-1588. Original Job #01-1266.
City of Sacramento Application #0110039.

To whom it may concern:

Please be advised that on December 11, 2001, I performed the special inspection of the installation of the epoxy set anchor bolts for the hold downs at the aforementioned location.

The holes were of the proper diameter and were clean and dry. The 5/8" diameter threaded rods were installed a minimum of 9-1/2" into the concrete, as required on the plan, and the Simpson SET-PAC adhesive was properly mixed and placed.

Thus, I hereby certify that installation method met the requirements of Simpson and ICBO ER 5279.

If you have any questions or need further clarification on these matters please feel free to contact me at (916) 564-6028.

Sincerely,

Jeffrey E. Hofmann, P.E.

Pacific Consulting Engineers

2150 Bell Ave., Suite 145 • Sacramento, CA 95838 • (916) 564-6028 • Fax: (916) 564-6029

December 12, 2001

KWS - United Technologies
8340 Auburn Blvd, Suite 125D
Citrus Heights, CA 95610

RE: Response to Field Inspectors Comments during the December 11, 2001, inspection of the Pal Addition at 3110 Azevedo Drive, Sacramento, CA.
This report is our Job#01-1588_1. Original Job #01-1266.
City of Sacramento Application #0110039.

To whom it may concern:

Please be advised of the following in response to the field inspectors questions on December 11, 2001:

With regards to the plumbing penetration of the shear wall on the left side of the garage
Basically, block and edge nail at opening and place Simpson CS16 strap at the blocking at the top and the bottom of the opening. The strap is to extend one stud bay on either side of the opening and is to be nailed with 8d at 4" c.c. to the blocking. At the top plate, place a Simpson MSTC28 across the notch for the pipe. **Please see the details shown in Figure 1 on Attachment 1 of 1.**

With regards to the cut top plate at the shear wall on the right side wall of the garage
Basically, replace the cut out portion of the top plate and place a Simpson CS16 strap across the cut portion of the top plate with a minimum of (12) 8d nails on each side of the repaired top plate. **Please see the details shown in Figure 2 on Attachment 1 of 1.**

If you have any questions or need further clarification on these matters please feel free to contact me at (916) 564-6028.

Sincerely,

Jeffrey E. Hofmann, P.E.

No. 937 811E
 Engineers Computation Pad
STAEDTLER

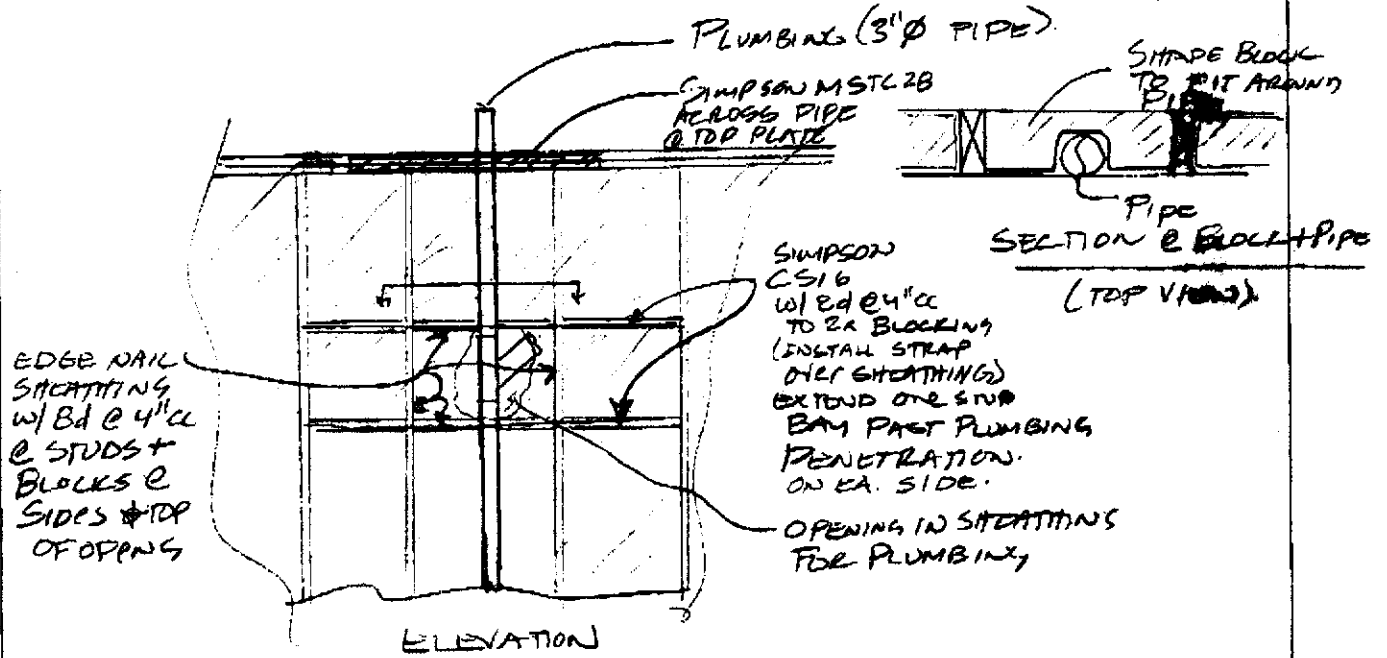
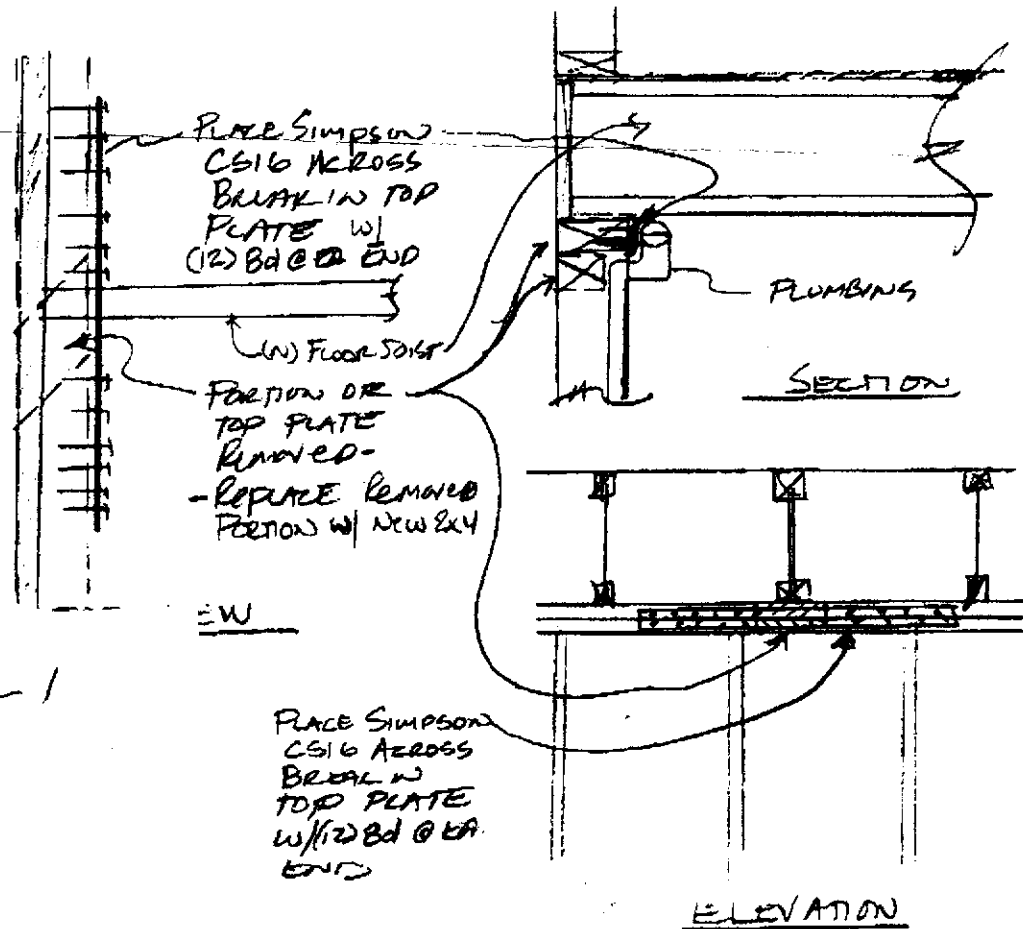


FIGURE 1 - PLUMBING PENET @ STAR WALL



P PLATE REPAIR @ GARAGE RIGHT WALL

Mstc 28 - 1
CS16