

CITY OF SACRAMENTO
1231 I Street, Sacramento, CA 95814

Permit No: 9908092
Insp Area: 3

Site Address: 2801 36TH ST SAC
Parcel No: 010-0385-001

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

CONTRACTOR

OWNER

ARCHITECT

BELSITO DANIEL JR/PAMELA J
8307 CRATER HILL RD
NEWCASTLE CA 95658

Nature of Work: REHAB PER HOUSING CASE

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. 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 work (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: _____

X Date 7-2-99 Owner Signature [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.

X Date 7-2-99 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:

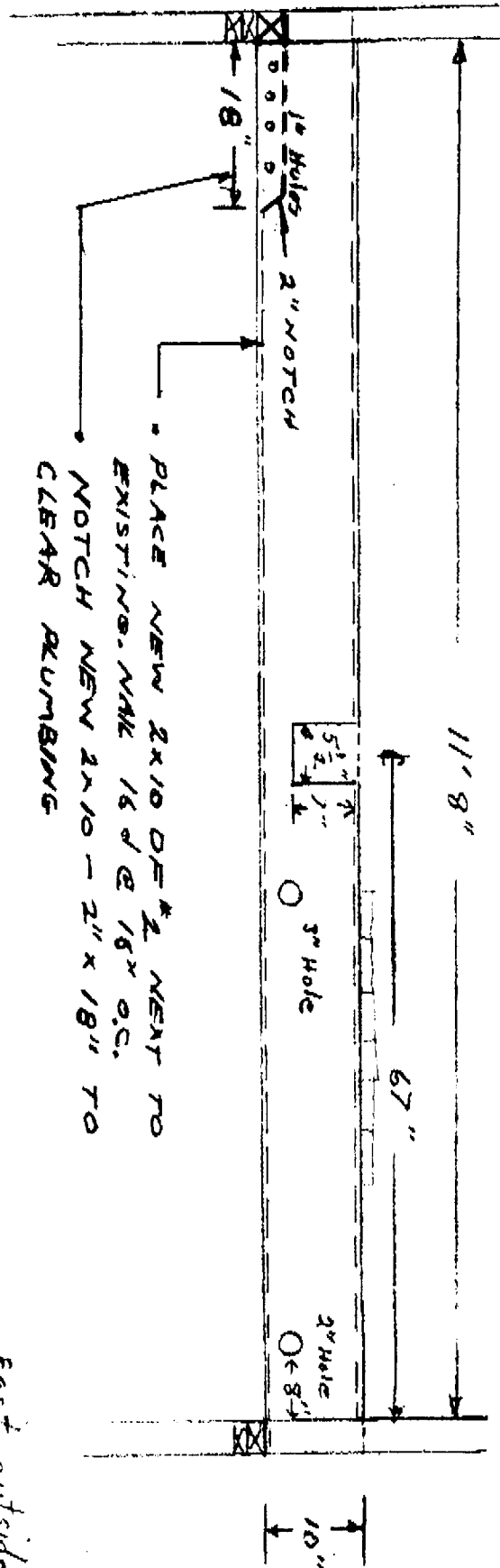
Carrier _____ Policy Number _____ Exp Date _____

(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.

X Date 7-2-99 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.

counter wall



PLACE NEW 2X10 DEF 2 NEXT TO EXISTING. MAKE 1/8" DE 1/8" O.C. NOTCH NEW 2X10 - 2" X 1/8" TO CLEAR PLUMBING

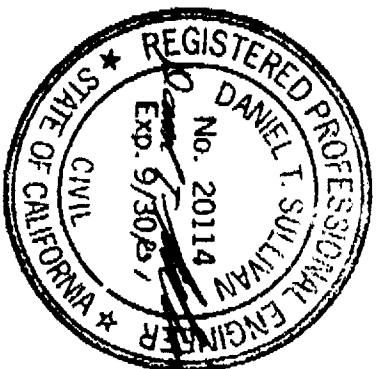
2801 36 ST.

FLOOR JOIST REPAIR

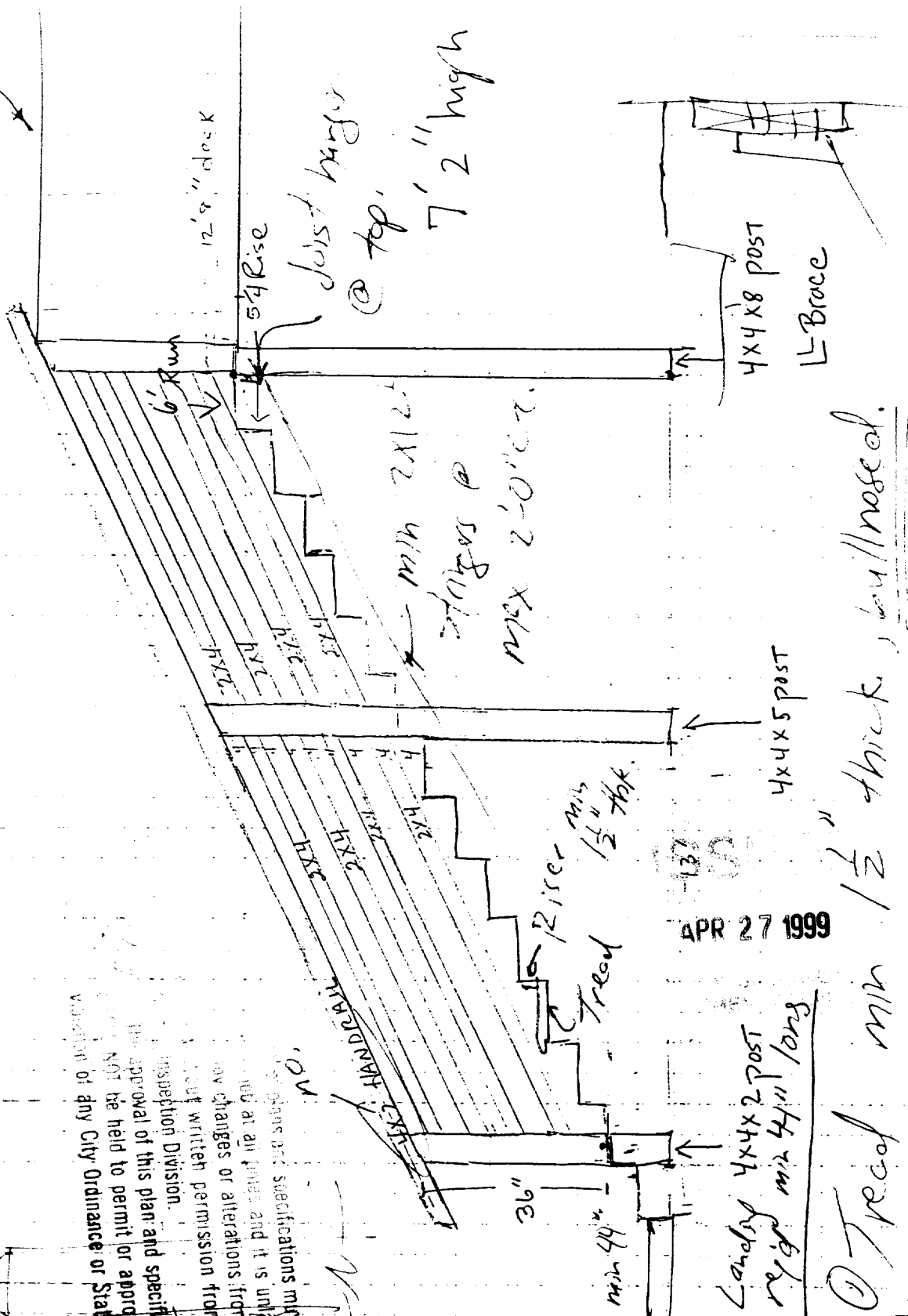
scale 1/4" = 1'-0"

East outside wall

Post-It Fax Note	7671	Date	3-7-00	Page	1
To	Tim Sullivan	From	Dwaine McLeary		
Company	SKY Eng.	Co	GeneCo		
Phone	492-2450	Phone	916-923-0429		
Fax	492-2460	Fax	916-923-0429		



See Comments
Plan Sheet



NO. 1
 Plans and specifications must be
 filed at all times and it is unlawful
 to make any changes or alterations from the
 approved written permission from the
 Inspection Division.
 The approval of this plan and specification
 does not constitute approval of the
 construction of any City Ordinance or State Law.

APR 27 1999

CITY OF SACRAMENTO DESIGN REVIEW	
PROJECT NO:	99-05
APPROVED BY:	[Signature]
APPROVAL DATE:	4/26/99

Conditions

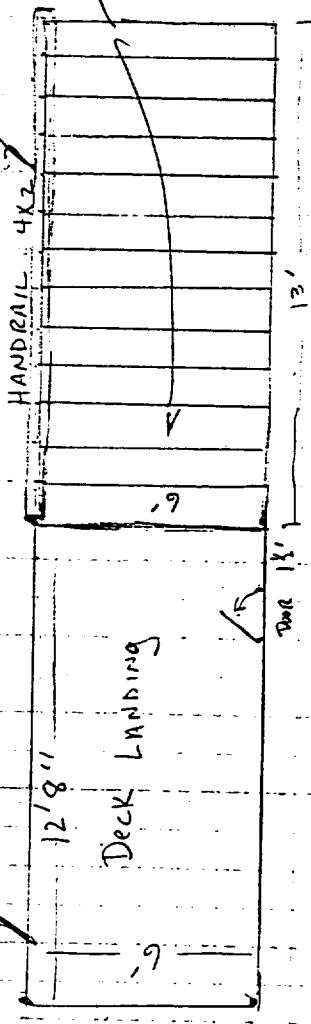
- ① Tread min 1/2" thick, bull nosed.
- ② All risers within 3/8" of each other.

Revised by WPH 4/26/99

Handrail to conform to Bldg Code.

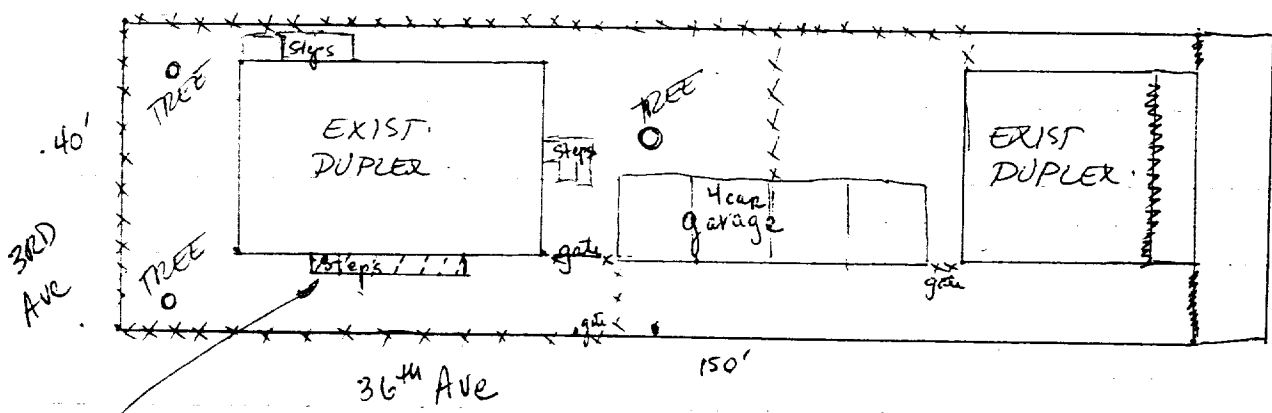
Bull nose all treads.
Provide enclosed riser

Replace railing to match existing



CITY OF SACRAMENTO DESIGN REVIEW	
PROJECT NO:	DR 99-057
APPROVED BY:	<i>[Signature]</i>
APPROVAL DATE:	4/26/99

← Z
1" = 25'



CITY OF SACRAMENTO DESIGN REVIEW	
PROJECT NO:	DR 99-057
APPROVED BY:	D. Dehler
APPROVAL DATE:	4/26/95

2 Conditions
See Elev. & Plan

2801-2803 36th Street ✓
Sac., CA.

Pamela Belsito

DATE OF REQUEST _____
BY _____

City of Sacramento Development Services Division Planning and Zoning Information Request

Project Address: 2801-2803 36th St

Assessor's Parcel Number: 010-0385-001

PREVIOUS USE _____
Current Land Use: Duplex

Description of Request/Proposed Use: _____

Repair/replace stairs

IS THIS A CHANGE OF USE? _____

Zoning Designation: R-9

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

Comments: Requires Staff Design
Review (OK w/out noticing)
per L. Sanchez

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

*Appd. DR 99-057
D. Decker 4/26/99*

Planning Review by/Date: W. Brown 4/12/99

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

MICRO FILM AFTER FINAL

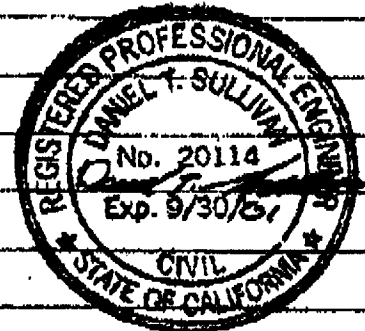
SKY ENGINEERING, INC.

THAT HAVE FIRE DAMAGES. THE REMAINING WOOD IS APPROXIMATELY $1\frac{3}{4}'' \times 9\frac{3}{8}''$. REQUIRED SECTION MODULUS IS 24.15 IN^3 ; 24.9 IN^3 IS REMAINING. THE ALLOWED DEFLECTION OF $0.58''$ IS EXCEEDED BY THE CALCULATED DEFLECTION OF $0.13''$. TO REPAIR THE 6 JOISTS IT IS RECOMMENDED:

A 2×10 BE PLACED AGAINST EACH OF THE 6 JOISTS AND NAILED TO THE EXISTING JOIST WITH 2-16d NAILS AT $12'' \text{ OC}$, 1 NAIL TOP & 1 NAIL BOTTOM. NEW JOIST TO BE BEARING TO BEARINGS.

NO REPAIRS ARE NECESSARY WHERE THE 2×10 'S SPAN $11'-5''$.

Daniel F. Sullivan



2420 K STREET, #350 • SACRAMENTO, CA 95816 •
PHONE: 916.492.2450 • FAX: 916.492.2460

SKY ENGINEERING, INC.

$$S_{REQD} @ NOTCH = \frac{1696 \times 12}{100 \times 1.15} = 16.1 \text{ IN}^2$$

$$S_{PROVIDED} = \frac{2 \times 7.75^2}{6} = 20 > 16.1 \text{ IN}^2$$

$$\text{CHECK SHEAR} = \frac{3}{2} \times \frac{13635}{15.5} = 33.2 < 95 \text{ PSI} \quad \text{OK}$$

CHECK 6 CHARGED JOISTS AT SOUTH WEST AREA

REMAINING JOIST SIZE IS $13\frac{1}{4} \times 9\frac{3}{8}$ "

$$S_{ACTUAL} = \frac{1.75 \times 9.37^2}{6} = 25.6 \text{ IN}^2 > 25.12 \text{ REQUIRED}$$

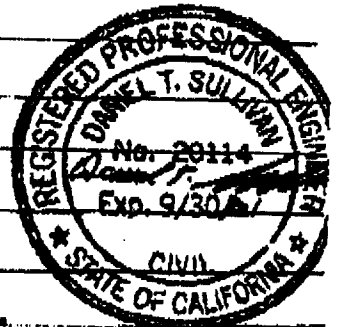
$$I_{ACT} = \frac{1.75 \times 9.37^3}{12} = 120 \text{ IN}^4$$

$$\Delta_{defl} = \frac{5 \times 69.2 \times 17.5^4 \times 1728}{384 \times 1.7 \times 10^6 \times 120} = 0.71" > \text{Allowable of } 0.58"$$

REPAIRS REQUIRED

PLACE 2x10 NEXT TO EACH JOIST FULL LENGTH

NAIL WITH 2-16d @ 12" OC 1-TOP & 1-BOTTOM



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SKY ENGINEERING, INC.

1-19-00

RA: 2801 36" ST - DAMAGED FLOOR JOISTS

WEST SPAN = 17'-6" EAST SPAN = 11'-5"

Worst Damage 2" Notch @ Bottom 3'-6" FROM BEARING

Joists ARE 2" x 9 3/4" #1 Doug FIR. 16" OC

DL = 12 3/4'; LL = 40' / ft. (ASSUMES GYP BOARD CEILING)

W = (12 + 40) / 1.33 = 69.16' / ft

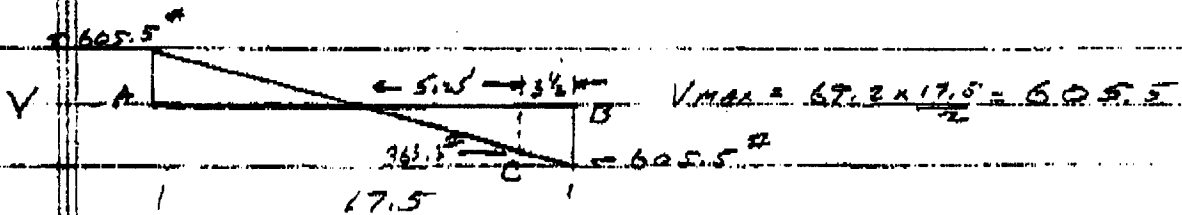
M = $\frac{69.2 \times 17.5^2}{8} = 2648 \text{ FT-LB} = 31,780 \text{ IN-LB}$

S Joints = $\frac{2 \times 9.75^2}{12} = 31.69$; T = $\frac{2 \times 9.75^3}{12} = 154$
(WITHOUT NOTCHES OR HOLES)

SRR = $\frac{31780}{1000 \times 1.1 \times 1.5} = 25.12 < 31.69$ @ Center SPAN OK

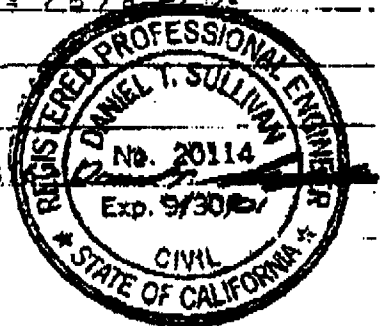
$\Delta = \frac{5 \times 69.2 \times 17.5^4 \times 1728}{804 \times 1.7 \times 10^6 \times 154} = 0.55" < \frac{17.5 \times 12}{360}$ OR 0.58" OK

CHECK WORST CASE NOTCH

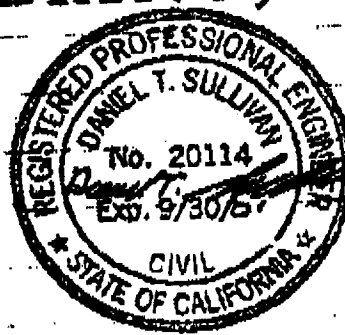


M_c = 605.5 x 3.5 - $\frac{69.2 \times 3.5^2}{2} = 2119 = 423 = 1696 \text{ FT-LB}$

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SKY ENGINEERING, INC.



1-17-00

RE: 2801 36th ST.

I INSPECTED THE FLOOR JOISTS AT THE REFERENCED BUILDING. NUMEROUS JOISTS HAVE BEEN BORED WITH 1 1/2" Ø HOLES OR NOTCHED 2" DEEP AT BOTTOM. NO HOLES OR NOTCHES ARE IN THE MIDDLE 1/3 OF THE SPANS. THE WORST NOTCH/HOLE SITUATION IS NEXT TO THE ENDPLATE WHERE A 2" NOTCH IS 3'-6" FROM BEARING. CALCULATIONS SHOW THAT THE JOISTS ARE CAPABLE OF THE SPAN WITH THE NOTCHES & HOLES, HOWEVER SINCE DEFLECTION IS BUT WITHIN 0.03" OF COMPLIANCE IT IS RECOMMENDED:

A SUREGRIP MSTA 24 STRAP BE PLACED AT THE NOTCHED LOCATION OF THE 17'-5" SPAN. NAIL W/ 9-10# EACH SIDE OF NOTCHES, STRAP CENTERED ON NOTCH. NO REPAIRS RECOMMENDED AT BORED HOLES.

THERE ARE 6 JOISTS AT THE SOUTHEAST AREA.

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SKY ENGINEERING, INC.

July 12, 1999

RE: 2801 36TH ST.

TO WHOM IT MAY CONCERN

I INSPECTED THE FOUNDATION OF THE REFERENCED BUILDING ON JULY 12, 1999. THE BUILDING IS A TWO STORY WOOD FRAME STRUCTURE, HORIZONTAL WOOD SIDING OVER 1X DIAGONAL SHEATHING. THE BUILDING RESTS ON A BRICK FOUNDATION. THE FOUNDATION IS APPROXIMATELY 18" WIDE AT EXTERIOR WALLS AND 13" WIDE ON THE INTERIOR BEARING WALL. THE FOUNDATION OF BRICK IS TYPICAL FOR BUILDINGS CONSTRUCTED IN SACRAMENTO DURING THE 19TH CENTURY AND THE FIRST TWO DECADES OF THIS CENTURY.

THIS FOUNDATION PROVIDES A LEVEL SURFACE FOR THE BUILDING RESULTING IN A RELATIVELY LEVEL FLOOR IN THE TWO DWELLING UNITS.

THE BRICK FOUNDATION HAS AREAS OF DETERIORATION SUCH AS MISSING BRICK (VERY FEW), LOOSE BRICK, AND JOINTS BETWEEN BRICK PARTIALLY VOID OF MORTAR. REPAIRS SHOULD BE MADE FOLLOWING THE ATTACHED DRAWING. ALL EXPOSED BRICK MUST BE COVERED WITH ONE INCH OF GROUT TO PREVENT FUTURE LOSS OF MORTAR.

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SKY ENGINEERING, INC.

2801 36TH ST (CONT.)

IF THESE REPAIRS ARE MADE, THE FOUNDATION WILL CONTINUE TO ADEQUATELY SUPPORT THE BUILDING. THIS METHOD OF REPAIR HAS BEEN PREVIOUSLY IN THE CITY OF SACRAMENTO WITHIN THE OLD SACRAMENTO HISTORIC DISTRICT AS WELL AS BUILDINGS OF SIMILAR CONSTRUCTION TO 2801 36TH ST. IF ANYONE HAS QUESTIONS PLEASE CALL ME.

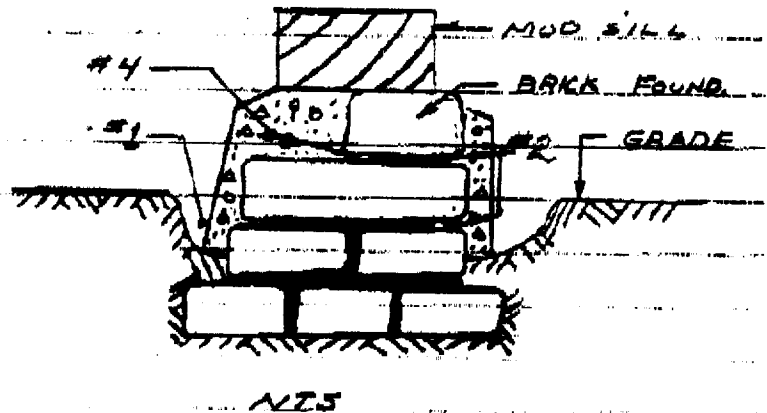
SINCERELY
TIM SULLIVAN P.E.



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2801 36TH ST

- *1 REMOVE EARTH TO 4" BELOW GRADE
- *2 REMOVE MORTAR 1" BACK FROM FACE OF BRICK
- *3 CLEAN FACE OF BRICK



- *4 PLACE 1" CEMENT GROUT ON BOTH SIDES OF FOUNDATION
FORCE GROUT INTO SPACE BETWEEN BRICK

- 1. SITE INSPECTION REQ'D
PRIOR CEMENT GROUT
- 2. CEMENT GROUT MIX
SHALL BE SPECIFIED BY
ENGINEER

Yook Lim
8/7/99



SKY ENGINEERING, INC.

MR. WM. CHO

9-8-99

11675 PROSPECT HILL DR.
GOLD RIVER, CA. 95670

RE: 2001 36TH ST.

DEAR BILL

YOU REQUESTED APPROVAL TO VARY FROM THE FOUNDATION STRENGTHENING PLAN I PROVIDED YOU RECENTLY. I CAN APPROVE YOUR ALTERNATIVE. THE ALTERNATIVE IS AS FOLLOWS:

- AT THE INTERIOR, POUR A CONCRETE FLOOR WHICH WILL BE PLACED AGAINST THE BRICK FOUNDATION THEREBY HOLDING THE BRICK IN PLACE. DO NOT PLACE CONCRETE ABOVE THE BOTTOM OF THE SILL PLATE.
- AT THE EXTERIOR EXTEND THE CONCRETE SIDEWALK TO THE BRICK FOUNDATION. CARE MUST BE TAKEN TO INSURE THE SILL PLATE WILL NOT BE SUBJECTED TO TRAPPED MOISTURE. THE TOP OF SLAB MUST ALWAYS BE 1/2" BELOW THE SILL.

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