

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

**Permit No: 0006340**  
**Insp Area: 4**

**Site Address: 10 SILVERSHORE CT SAC**  
Parcel No: 225-0121-021

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

**CONTRACTOR**  
FREEDOM FENCE & CONST CO  
241 N 10TH ST STE 5  
SACRAMENTO CA 95814

**OWNER**  
KANTOLA  
10 SILVERSHORE CT  
SAC, CA. 95834

**ARCHITECT**

**Nature of Work: 192 SQFT 2ND STORY REDWOOD DECK**

**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-15 License Number 712408 Date 12-27-00 Contractor Signature Rikki Jester

**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 12-27-00 Applicant/Agent Signature Rikki Jester

**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 Farmers Insurance Policy Number A05107012 Exp Date 12-16-00

\_\_\_\_\_, (This section need not be completed if the permit is for \$100 or less) I shall not employ any person in any manner so as to be subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date 12-27-00 Applicant Signature Rikki Jester

**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.**

Date of Request: 6-9-00  
By: FREEDOM FENCE

4000

CITY OF SACRAMENTO DEVELOPMENT SERVICES DIVISION  
PLANNING AND ZONING INFORMATION REQUEST

Project Address: 10 SILVERSHORE CT SACTO

Assessor's Parcel Number: 225-0121-021

Previous Use: N/A

Description of Request/Proposed Use: REDWOOD DECK

Is This a Change of Use? \_\_\_\_\_

Prior Applications for Project Site(P#, Z#, DRPB#): N/A Zoning Designation: R-1 PUD

Comments \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
NOT VISIBLE FROM ST.

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

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

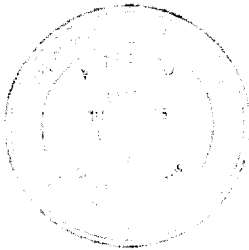
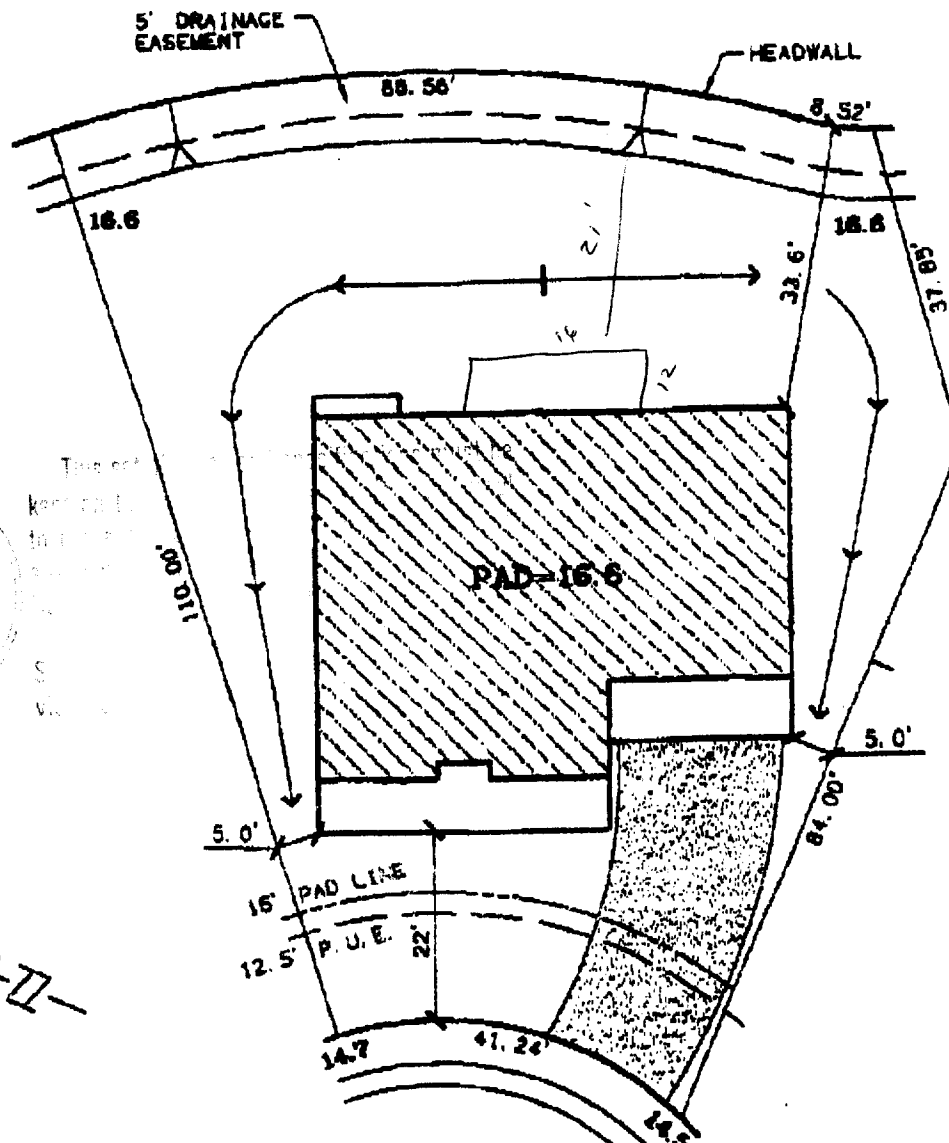
\* Field Inspection Required? (Circle one) YES NO

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

Planning Review by/Date: [Signature] 6-9-00

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

MICROFILM AFTER FINAL



**SILVERSHORE COURT**  
**ISSUED**

CITY OF SACRAMENTO  
PERMIT ASSISTANCE

JUN 27 2000

JUN 09 2000

**RECEIVED**

0006340

LOT 21  
PLAN 4D RIGHT

A.P.N.:  
ADDRESS: SILVERSHORE COURT  
LOT AREA: 8,610 SF  
LOT COVERAGE: 34%

CITY OF SACRAMENTO  
DEVELOPMENT SERVICES DIV

The **Spink** Corporation  
2660 VENTURE OAKS WAY  
SACRAMENTO, CA 95833

**MARCHBROOK BUILDING COMPANY**  
P.O. Box 7678  
Stockton, Ca 95267

**GATEWAY NORTH VILLAGE 1**  
City of Sacramento, California

PH(916)988-8666 FAX(916)981-8874 office: (809) 473-8053 fax: (809) 951-0684

Scale: 1"=20'

REV Sep 30, 1999

# STRUCTURAL CALCULATIONS

## Deck at Kantola Residence

Project Location  
10 Silvershore Court, Sacramento, California

Client:

Freedom Fence  
241 N. 10<sup>th</sup> Street  
Sacramento, CA

Revisions:

CITY OF SACRAMENTO  
PERMIT ASSISTANCE

JUN 09 2000

**RECEIVED**



June 7, 2000

Calculations/Details For: \_\_\_\_\_

$$DL = 6 \text{ psf}$$

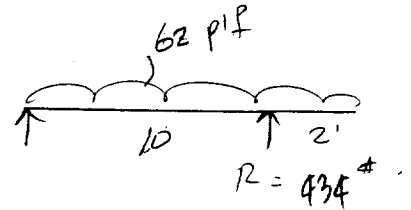
$$LL = 40 \text{ psf}$$

Railing 20 pft normal to railing (table 16-5)

$$\text{Wind load } \Rightarrow p = 1.3(1.62)(14.5)(1.0) = 11.7 \text{ psf lateral}$$

F.J.: 2x6 @ 24: DF

$$W_{DL} = 46(16/12) = 61.3 \text{ pft}$$



$$f_v = \frac{61.3(10)/21.5}{8.25} = 36 \text{ psi} < 95 \text{ psi}$$

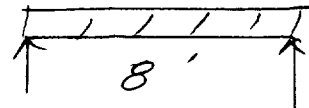
$$f_b = \frac{61.3(10)^2 1.5}{7.56} = 1216 \text{ psi} < \frac{875}{1.3} = 673 \text{ psi}$$

$$\Delta = \frac{5(62)10^4 12^3}{384(1.6E6)47.6} = 0.19" < \frac{4}{360} = 0.33"$$

Use 2x6 @ 16 OC DF#2

Beam: 4x8

$$W_{DL} = 434 \left(\frac{12}{16}\right) = 326 \text{ pft}$$



$$f_v = \frac{8'(326)1.5/2}{25.4} = 77 \text{ psi} < 95 \text{ psi}$$

$$f_b = \frac{326(8)^2 1.5}{49.41} = 1008 \text{ psi} < \frac{875 \times 1.3}{1.3} = 1138 \text{ psi}$$

$$\Delta = \frac{(5)326(8)^4 12^3}{384(1.6E6)25} = 0.09" < \frac{4}{40} = 0.1"$$

Use 4x8 DF#2

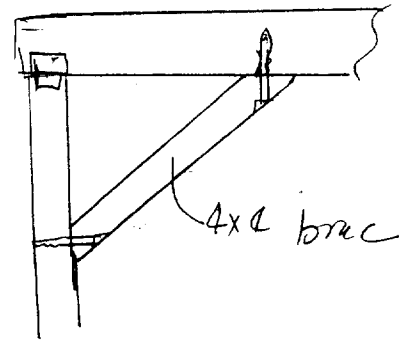
1.3 111 4/467

Calculations/Details For: \_\_\_\_\_

Post Brace

$$F_{lateral} \approx 11.7(10/2 + 2)(42/12 \times 50\% + 8/12) = 198 \#$$

Use 4xL brace w/  
5/8"  $\phi$  bolt or lag  
@ ea. end  
ok by inspection

Footings:

$$P_{max} = 8' \times 46 \times (10/2 + 2) = 2576 \#$$

(middle)

$$p_{soil} = \frac{2576}{1.67^2} = 924 \text{ psf} < 1000 \text{ psf}$$

$$P_{max} = 4' \times 46 \times (10/2 + 2) = 1288 \#$$

(end)

$$p_{soil} = \frac{1288}{1.16^2} = 958 \text{ psf} < 1000 \text{ psf}$$

Use 14" SQ @ end & 20" SQ @ middle

Calculations/Details For: \_\_\_\_\_

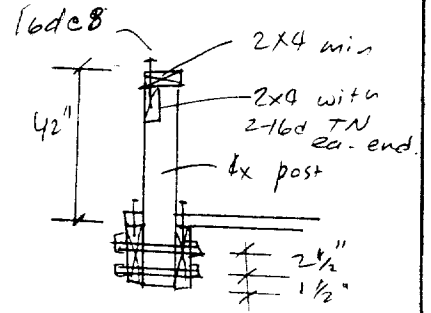
Railing: 2x4 (6' max span)

$$w = 20 \text{ plf}$$

$$f_v = \frac{20(6)/2 \cdot 1.5}{5.25} = 17 \text{ psi} < 95 \text{ psi}$$

$$f_b = \frac{20(6)^2 \cdot 1.5}{3.063} = 353 \text{ psi} < 900 \text{ psi OK}$$

Use 2x4 min Rail cap



Anchor Bolts

$$F = \frac{45''(20 \times 6)}{3.5} = 1540 \# < 1740 \#$$

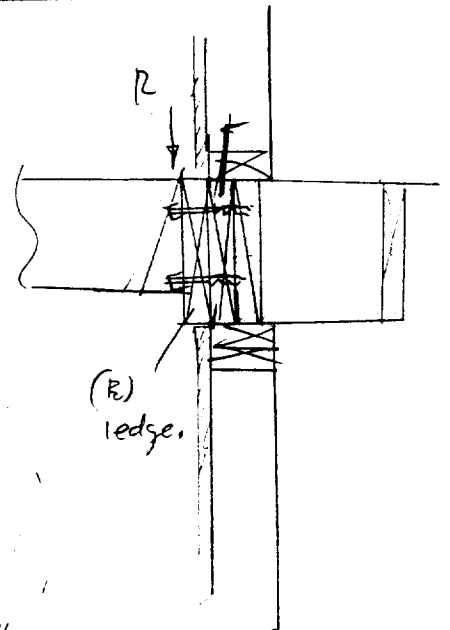
Use 2-5/8"  $\phi$  Bolts @ ea. rail post

Ledger Connection

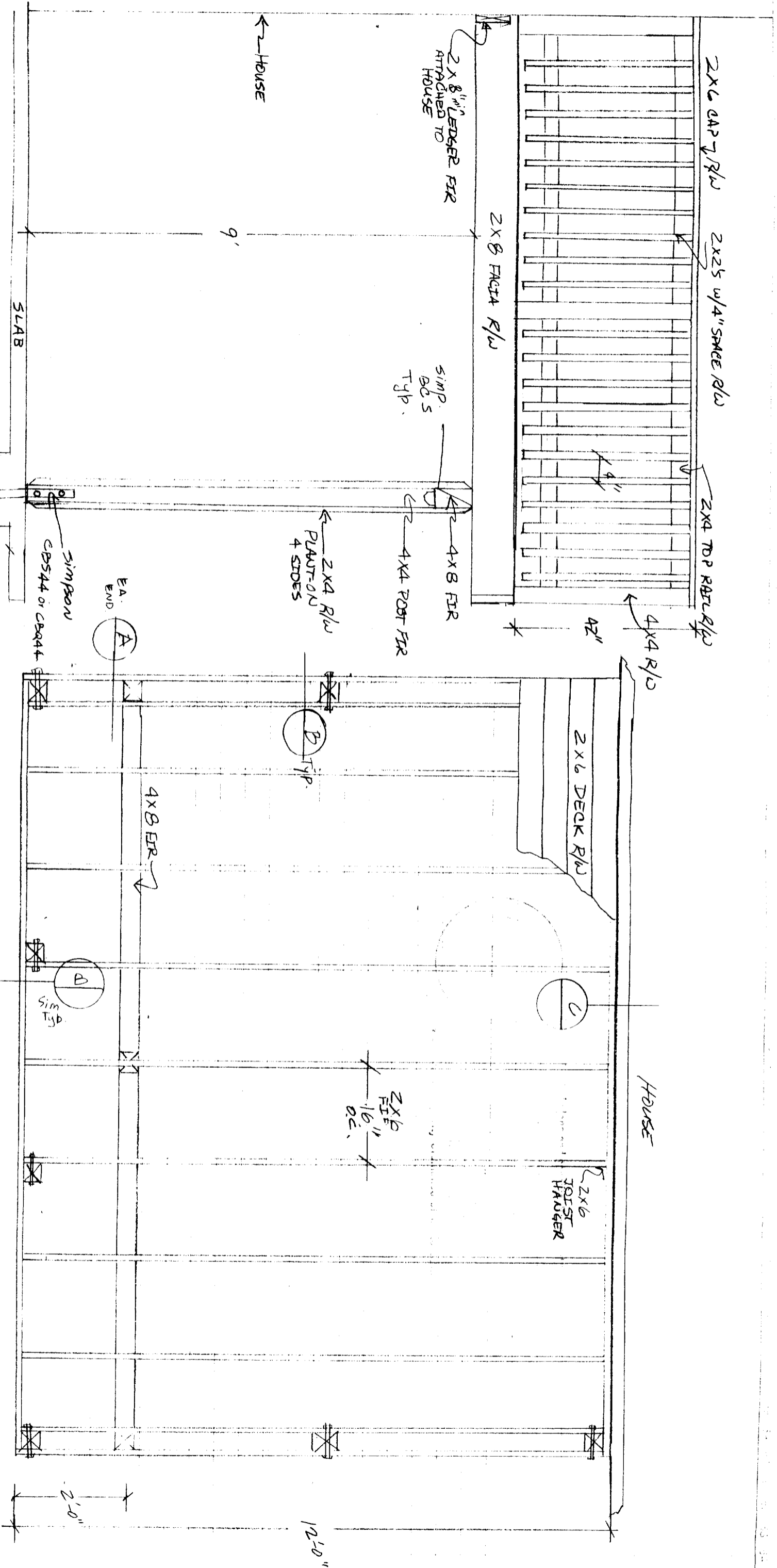
$$R_{DL} = 46(10/2) = 230 \# / \text{ft}$$

3/8" lag in 2x member 370 #

$$R_{cap} = 2(370) \left( \frac{12}{24} \right) = 370 \# > 230 \#$$



Use - 2-1/2"  $\phi$  x 6" Lag @ 24 w/ predrilling



ELEVATION VIEW  
(NOT TO SCALE)

TOP VIEW  
(NOT TO SCALE)

\* ALL FRAMING MEMBERS BE  
PRESSURE TREATED

SEE SHEET 2 FOR  
FRAMING & FOUND. NOTES



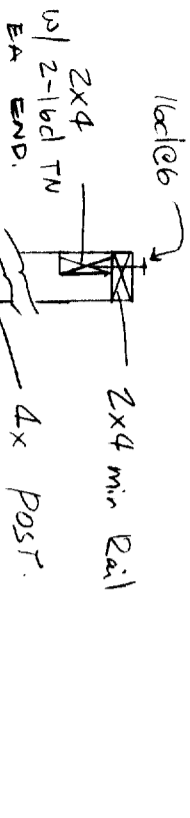
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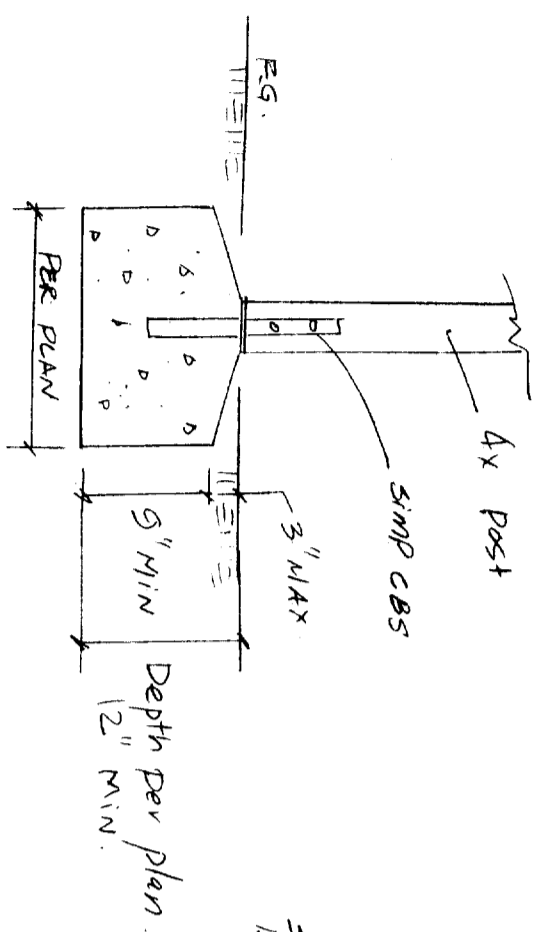
Freedom Fence & Construction Co., Inc  
341 N 10th Street, Ste #2  
Sacramento CA 95814  
916-444-8362

John Tang  
KANTOLA RESIDENCE  
10 SILVER SHORE CT  
SACRAMENTO, CA

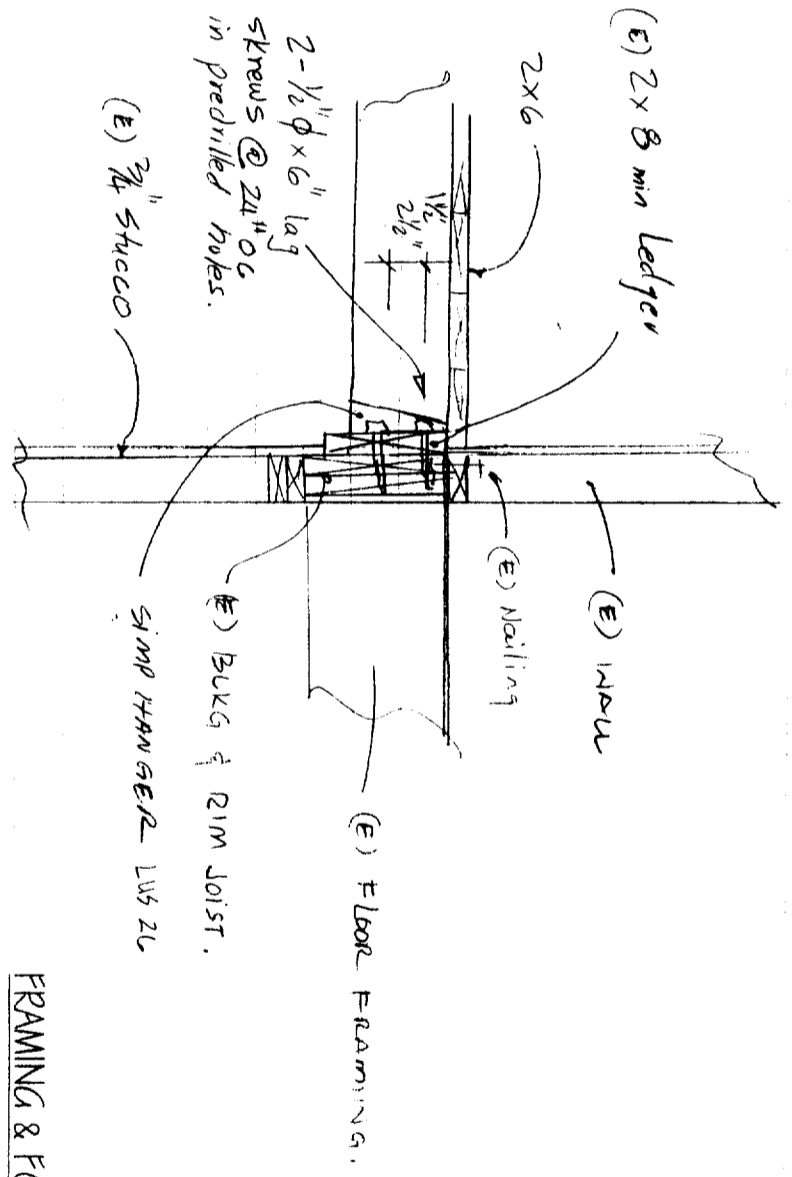




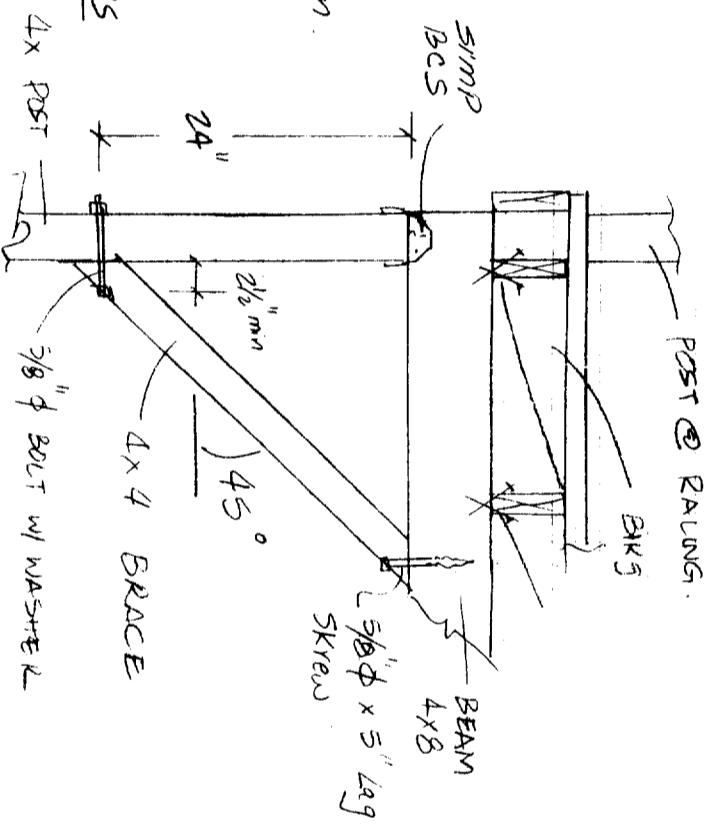
**B** POST ANCHORAGE  
N.T.S.



**A** ALT. FOOTING DETAIL @ POSTS  
N.T.S.



**C** LEDGER DETAIL  
N.T.S.



**A** BRACE  
N.T.S.

**FRAMING & FOUNDATION NOTES**

1. All construction shall comply with the 1997 or the current editions of Uniform Building Code (UBC)
2. The contractor shall check all dimensions (existing & new) and any discrepancies shall be resolved prior to construction.
3. These drawings are not complete until reviewed and accepted by the Local Building Official.
4. All framing lumber larger than 2x4 shall be DF #2 or better and **be** pressure treated ~~as required~~.
5. All beams to be securely attached to solid bearing (Minimum 1 1/2 inch esby width of beam unless noted on the plans) with conventional beam pocket construction or appropriate post cap.
6. All connections to be nailed per UBC Table 23-11-B Nailing Schedule
7. Install all Struts/ Braces as called for and by conventional construction practices/ UBC, ETC
8. All footings and piers to have a minimum depth and width as stated and bear on firm, original, undisturbed soil or compacted fill as noted on plans.
9. Concrete to have compressive strength of **2500** P.S.I. minimum and a maximum slump of less than 5 inches.
10. Foundation design is based on allowable soil bearing pressure of 1000 psf.

**ISSUED**

JUN 27 2000

DEPT OF SACRAMENTO  
DEVELOPMENT SERVICES DIV

JUN 09 2000

**RECEIVED**



KANTOLA RESIDENCE  
10 SILVERSHORE CT  
SACRAMENTO, CA

SHEET 2 OF 2  
6-2-00