

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

**Permit No: 0301233**

**Insp Area: 3**

**Thos Bros: 318 F6**

**Site Address: 8555 ELDER CREEK RD SAC**

**Parcel No: 062-0050-068**

**Sub-Type: NCOM**

**Housing (Y/N): N**

**CONTRACTOR**

BUZZ OATES CONSTRUCTION  
8615 ELDER CREEK RD  
SACRAMENTO CA 95828

**OWNER**

MARVIN L OATES TRUST & PHILLIP D OATES  
3615 ELDER CREEK RD  
SACRAMENTO CA 95828

**ARCHITECT**

**Nature of Work: CONSTRUCT SHELL WAREHOUSE BUILDING A**

**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 C License Number 796201 Date 12/15/03 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: CITY OF SACRAMENTO

Date \_\_\_\_\_ Owner Signature [Signature]

**PAID**

**CITY OF SACRAMENTO**

**DEC 15 2003**

**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 12/15/03 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.

X 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 1579398-03 Exp Date 01/01/2004

(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 12/15/03 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.**

October 5, 2004

Buzz Oates Enterprises II  
Attention: Greg Schubert  
8615 Elder Creek Road  
Sacramento, CA 95828

**FINAL REPORT**  
**CONSTRUCTION OBSERVATION AND TESTING SERVICES**  
**ELDER CREEK BUILDINGS**  
8535 and 8555 Elder Creek Drive  
Sacramento, California  
Reference No. 146-388

In accordance with your request, our firm has completed construction observation and testing services for the subject project. During construction of the project, our firm performed *Special Inspection and Testing* in accordance with Sections 106 and 1701 of the Uniform Building Code. Our construction observations and testing were performed between January 20 and August 6, 2004. Our firm prepared a Geotechnical Investigation Report for the project dated January 29, 2003.<sup>1</sup>

Our observation and test results indicate that the following items for the referenced building were constructed, to the best of our knowledge, in accordance with the project plans, specifications, and our referenced report.

Earthwork:	Observed and tested:
	1) Building pads
	2) Foundation excavations
	3) Sewer and storm line trench backfill
Reinforcing Steel:	Verified placement of reinforcing steel for:
	1) Foundations
	2) Wall panels

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<sup>1</sup> Raney Geotechnical Inc.; "Geotechnical Investigation, Elder Creek-Florin Perkins Buildings, 8521 Elder Creek Road, Sacramento, California"; Job No. 146-388; January 29, 2003.

Page 2  
Elder Creek Buildings  
Raney Reference No. 146-388  
October 5, 2004.

Concrete: Observed placement and sampled concrete for:

- 1) Foundations
- 2) Slab-on-grade closure strips
- 3) Tilt-up wall panels
- 4) Columns

Performed slump tests and laboratory compressive strength testing.

Structural Steel: Observed welding for:

- 1) Shop welding – Columns and panel embeds
- 2) Field welding – Panel and roof connections

Observed epoxy anchor installation for roof ledgers.

Plywood Nailing:

Observed plywood nailing for roof sheeting.

Horizontal and vertical limits of the described work were determined by others. We cannot guarantee construction, nor should our work or this letter be construed as relieving the contractors from their primary responsibility to conform to contractual agreements and sound engineering practice.

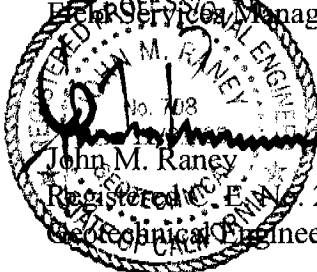
Should you have any questions regarding this letter or require any further information, please contact our office.

Very truly yours,

**RANEY GEOTECHNICAL INC.**



Bob M. McCormick  
Field Service Manager



John M. Raney  
Registered Professional Engineer No. 708  
23453

(2) Addressee

BM/JMR/cjh

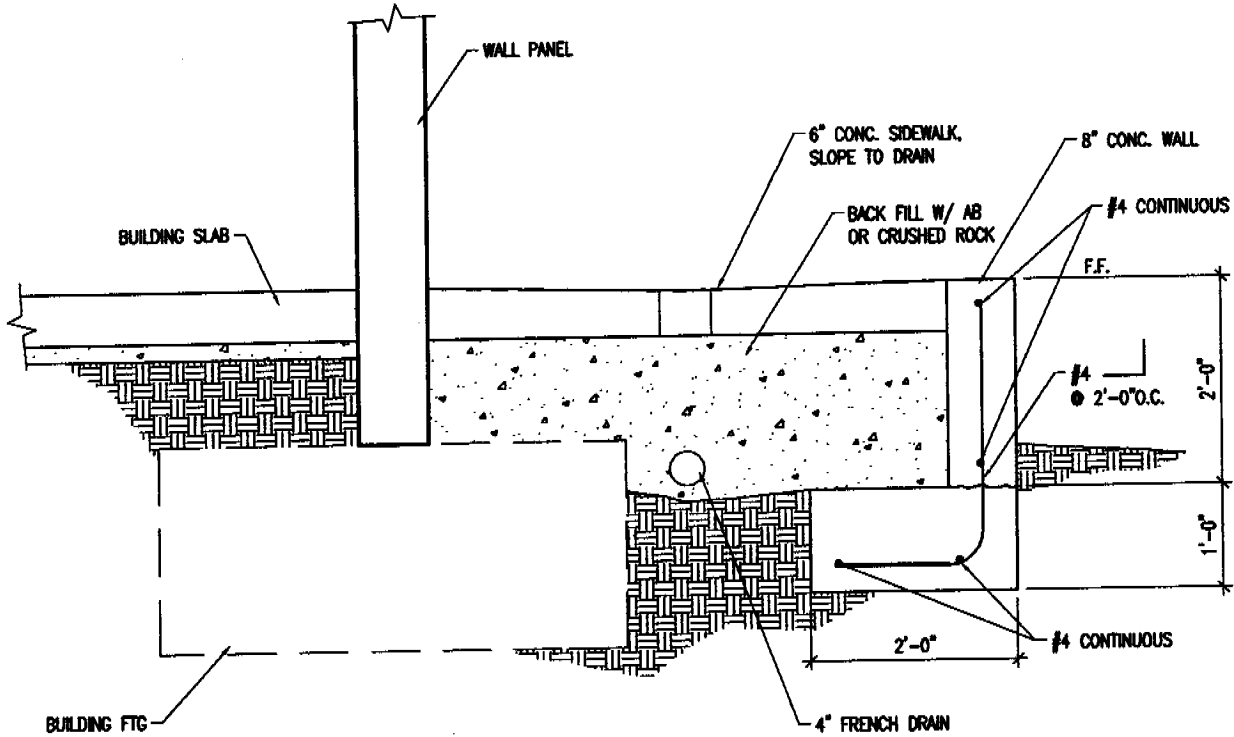
**METRO ENGINEERING SERVICES, INC.**

5370 SOUTH WATT AVENUE, SUITE 101  
SACRAMENTO, CA 95826  
ph. (916) 379-9643 fax (916) 379-9647

JOB: 8555 ELDER CREEK  
CLIENT: BOC  
JOB NO: \_\_\_\_\_ BY JRE SHEET NO: \_\_\_\_\_

RETAINING WALL AT PROPERTY LINE

FIELD CHANGES  
2/27/04



SECTION

K  
S3.1



**Description SITE RETAINING WALL**

**Criteria**

Retained Height = 2.00 ft  
 Wall height above soil = 0.00 ft  
 Slope Behind Wall = 0.00 : 1  
 Height of Soil over Toe = 24.00 in  
 Soil Density = 110.00 pcf  
 Wind on Stem = 0.0 psf

**Soil Data**

Allow Soil Bearing = 3,000.0 psf  
 Equivalent Fluid Pressure Method  
 Heel Active Pressure = 35.0  
 Toe Active Pressure = 0.0  
 Passive Pressure = 250.0  
 Water height over heel = 0.0 ft  
 Footing||Soil Friction = 0.300  
 Soil height to ignore for passive pressure = 0.00 in

**Footing Strengths & Dimensions**

f<sub>c</sub> = 2,500 psi F<sub>y</sub> = 60,000 psi  
 Min. As % = 0.0014  
 Toe Width = 1.33 ft  
 Heel Width = 0.67  
 Total Footing Width = 2.00  
 Footing Thickness = 12.00 in  
 Key Width = 0.00 in  
 Key Depth = 0.00 in  
 Key Distance from Toe = 0.00 ft  
 Cover @ Top = 3.00 in @ Btm. = 3.00 in

**Design Summary**

Total Bearing Load = 829 lbs  
 ...resultant ecc. = 1.20 in  
 Soil Pressure @ Toe = 540 psf OK  
 Soil Pressure @ Heel = 291 psf OK  
 Allowable = 3,000 psf  
 Soil Pressure Less Than Allowable  
 ACI Factored @ Toe = 716 psf  
 ACI Factored @ Heel = 386 psf  
 Footing Shear @ Toe = 0.9 psi OK  
 Footing Shear @ Heel = 0.0 psi OK  
 Allowable = 85.0 psi  
**Wall Stability Ratios**  
 Overturning = 5.73 OK  
 Sliding = 8.72 OK  
**Sliding Calcs (Vertical Component Used)**  
 Lateral Sliding Force = 157.5 lbs  
 less 100% Passive Force = - 1,125.0 lbs  
 less 100% Friction Force = - 248.8 lbs  
 Added Force Req'd = 0.0 lbs OK  
 ....for 1.5 : 1 Stability = 0.0 lbs OK

**Stem Construction**

Design height ft = Stem OK  
 Wall Material Above "Ht" = Concrete  
 Thickness = 8.00  
 Rebar Size = # 4  
 Rebar Spacing = 12.00  
 Rebar Placed at = Center

**Top Stem**

**Design Data**  
 fb/FB + fa/Fa = 0.023  
 Total Force @ Section lbs = 119.0  
 Moment....Actual ft-# = 79.3  
 Moment....Allowable = 3,387.6  
 Shear....Actual psi = 2.5  
 Shear....Allowable psi = 85.0  
 Bar Develop ABOVE Ht. in = 18.72  
 Bar Lap/Hook BELOW Ht. in = 6.00  
 Wall Weight = 96.7  
 Rebar Depth 'd' in = 4.00

**Masonry Data**

f<sub>m</sub> psi =  
 F<sub>s</sub> psi =  
 Solid Grouting =  
 Special Inspection =  
 Modular Ratio 'n' =  
 Short Term Factor =  
 Equiv. Solid Thick. =  
 Masonry Block Type = Normal Weight

**Concrete Data**

f<sub>c</sub> psi = 2,500.0  
 F<sub>y</sub> psi = 60,000.0

**Other Acceptable Sizes & Spacings**

Toe: Not req'd, Mu < S \* Fr  
 Heel: Not req'd, Mu < S \* Fr  
 Key: No key defined

**Footing Design Results**

	Toe	Heel
Factored Pressure	= 716	386 psf
Mu' : Upward	= 0	0 ft-#
Mu' : Downward	= 0	0 ft-#
Mu: Design	= 79	0 ft-#
Actual 1-Way Shear	= 0.89	0.00 psi
Allow 1-Way Shear	= 85.00	0.00 psi
Toe Reinforcing	= # 4 @ 24.00 in	
Heel Reinforcing	= None Spec'd	
Key Reinforcing	= None Spec'd	

Title :  
 Dsgnr:  
 Description :

Job #  
 Date: 8:56AM, 27 FEB 04

Scope :

Rev: 560100  
 User: KW-0805424, Ver 5.6.1, 25-Oct-2002  
 (c)1983-2002 ENERCALC Engineering Software

## Cantilevered Retaining Wall Design

Page 2  
 I:\8555\_elder creek\calcs\calcs.ecw\Calculati

Description      SITE RETAINING WALL

### Summary of Overturning & Resisting Forces & Moments

Item	.....OVERTURNING.....			.....RESISTING.....		
	Force lbs	Distance ft	Moment ft-#	Force lbs	Distance ft	Moment ft-#
Heel Active Pressure	=	157.5	1.00	157.5		
Toe Active Pressure	=					
Surcharge Over Toe	=					
Adjacent Footing Load	=					
Added Lateral Load	=					
Load @ Stem Above Soil	=					
Seismic Load	=					
<b>Total</b>	=	<b>157.5</b>	<b>O.T.M. =</b>	<b>157.5</b>		
<b>Resisting/Overturning Ratio</b>			<b>=</b>	<b>5.73</b>		
Vertical Loads used for Soil Pressure	=			829.3	lbs	
Vertical component of active pressure used for soil pressure						
Soil Over Heel	=				2.00	
Sloped Soil Over Heel	=					
Surcharge Over Heel	=					
Adjacent Footing Load	=					
Axial Dead Load on Stem	=				0.00	
Soil Over Toe	=	292.6	0.67	194.6		
Surcharge Over Toe	=					
Stem Weight(s)	=	193.3	1.66	321.6		
Earth @ Stem Transitions	=					
Footing Weight	=	299.5	1.00	299.0		
Key Weight	=					
Vert. Component	=	43.9	2.00	87.6		
<b>Total</b>	=	<b>829.3</b>	<b>lbs R.M. =</b>	<b>902.8</b>		

# METRO ENGINEERING SERVICES

5370 SOUTH WATT AVE., SUITE 101, CA 95826  
OFFICE PH: 916-379-9643 FAX: 916-379-9647

## MEMORANDUM

Date: 2/17/04  
JOB: 8555 Elder Creek  
Subject: Panel Reinforcement  
Comments:

A site visit has been made by this office at the request of the Owner/Contractor. The purpose of the site visit was to review the panel reinforcing. Following are some noted deficiencies.

1. Panel legs with vertical reinforcement in both faces (reference details 1 and 5 on sheet S4.1), must maintain 1 inch clear for entire length of panel. Horizontal reinforcement in panel legs may be used as chair bars provided the maximum spacing in either face does not exceed 1'-6".
2. At solid panels (reference detail 2/S4.1) chair bars must be used to support double cage at panel column strips. The typical horizontal reinforcement must remain at the center of the panel per detail 4/S4.1 for the entire width of the panel.

Please notify this office when the corrections have been made and prior to the placement of concrete. Also, please forward a copy of this memorandum to the special inspection agency. Do not hesitate to call with any questions.

Jim Ewertsen, EOR

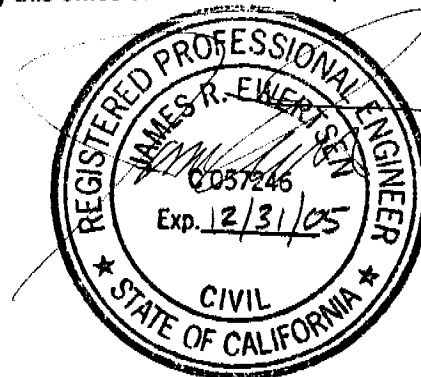
**Amendment to previous issuance: 2/18/04**

Clearance requirements for horizontal reinforcement with panel sides may be reduced 1".

Clearance requirements for vertical reinforcement with panel top & bott. may be reduced 1-1/2".

**Amendment to previous issuance: 2/26/04**

The panel reinforcement has been reviewed by this office and deemed acceptable.



**METRO ENGINEERING SERVICES, INC.**

JOB: 8555 ELDER CREEK

5370 SOUTH WATT AVENUE, SUITE 101

CLIENT: BOC

DATE 1/21/04

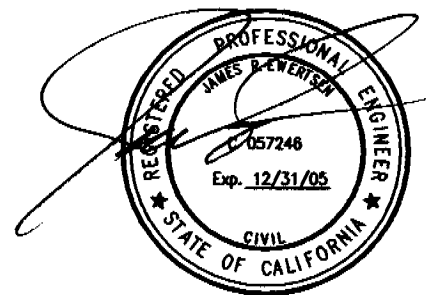
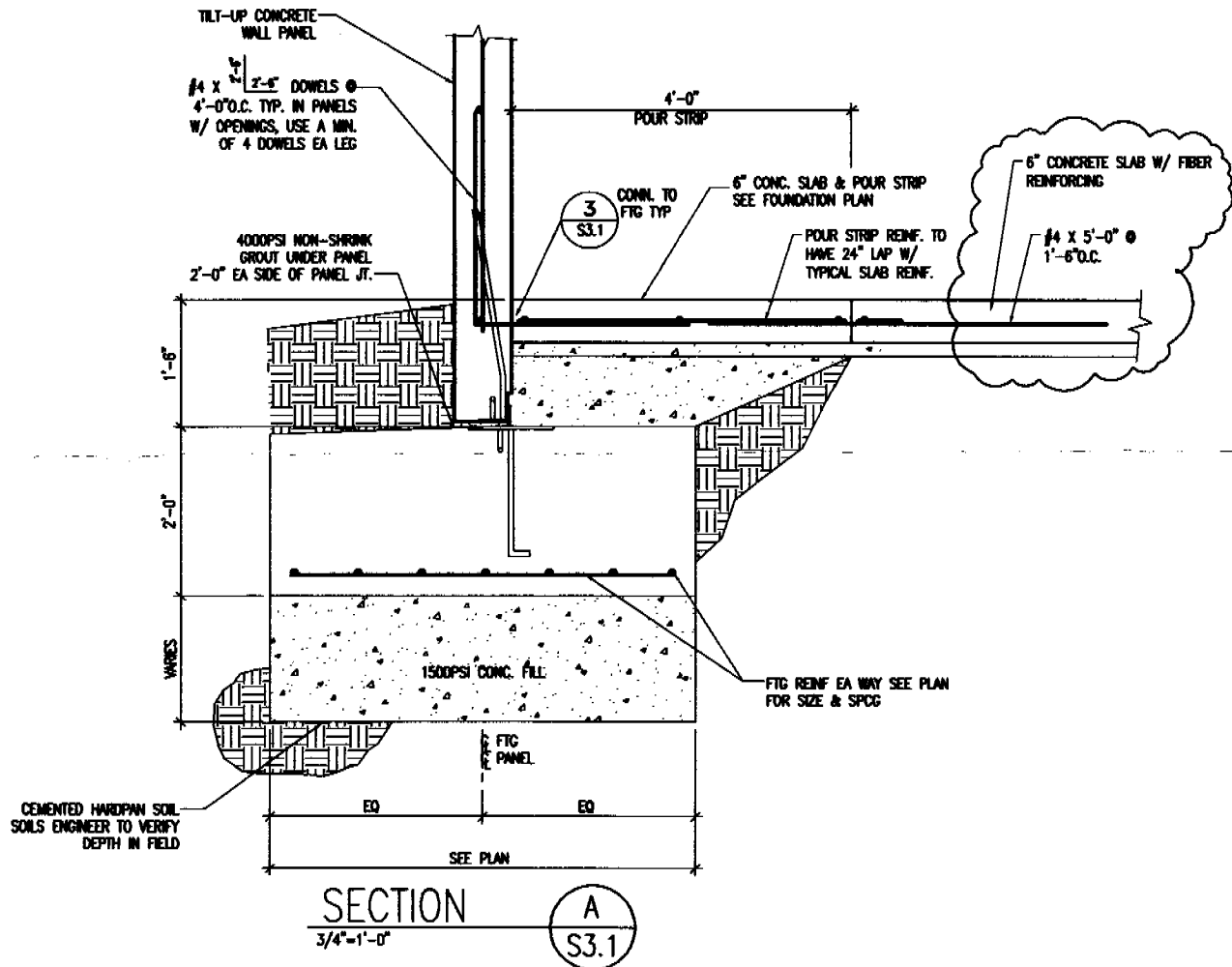
SACRAMENTO, CA 95826

JOB NO: \_\_\_\_\_

BY JRE

SHEET NO \_\_\_\_\_

ph. (916) 379-9643 fax (916) 379-9647





**METRO ENGINEERING SERVICES**

5370 SOUTH WATT AVE., SUITE 101, CA 95826

OFFICE PH: 916-379-9643 FAX: 916-379-9647

**MEMORANDUM**

Date: 1/21/04  
JOB: 8555 ELDER CREEK  
Subject: SLAB REINFORCING

Comments:

At owner's request, all slabs to be reinforced with fiber reinforcement in lieu of #4 at 24" on center per plans. Slabs to be reinforced with steel fiber per ASTM A820. Steel fibers to have continuously deformed shape. Pour strips to be reinforced per revised detail A/S3.1.



CITY OF SACRAMENTO

**CERTIFICATE OF COMPLIANCE**

For Information Contact (916) 808-5716

Building Address: 8555 ELDER CREEK RD BLD A Permit No.: 0301233  
Building Use: WAREHOUSE SHELL Occupancy: S1  
Building Owner: MARVIN OATES TRUST & PHILLIP OATES Construction Type: III-N  
Owner Address: SACRAMENTO, CA Sprinkled?  Yes  No  
Portion of Building: ENTIRE Area: 49500 Sq. Ft.  
Date: 3/5/05 By: *Carolyn Cooper* Sign: ROBERT LEE CHASE, AIA  
Date: \_\_\_\_\_ By: (Print) \_\_\_\_\_ Sign: CHIEF BUILDING OFFICIAL

[ Finaled By: PWC,KR,MJB,GRS,RW ]

*This Certificate, issued pursuant to the requirements of Section 109 of the Uniform Building Code, certifies that at time of issuance the described portion of the building has been inspected for compliance with the Uniform Building Code, as adopted per Title 15 of the Sacramento City Code for the group and division of occupancy and use for which the proposed occupancy is classified. Issuance of this certificate shall not be construed as an approval of a violation of any Codes, or Federal, State and City Laws or Ordinances. Certificates presuming to give authority to such violation shall not be valid. This certificate shall be posted in a conspicuous place on the premises and shall not be removed except by the Chief Building Official. No changes shall be made in the character of occupancy or use without approval of the Chief Building Official.*

**POST IN A CONSPICUOUS PLACE**