

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

**Permit No: 9907499**  
**Insp Area: 4**

**Site Address: 1501 DEL PASO RD SAC**  
Parcel No: 225-1060-005

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

CONTRACTOR

OWNER

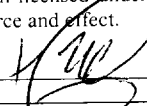
ARCHITECT

**Nature of Work:** PREFAB CONC EQUIPMNT BLDG(MANNED)CABLE TV YARD&SITE IMPROVEMENTS  
FOUNDATION ONLY THIS ACTIVITY/BK

**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 711528 Date 7/21/99 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.)

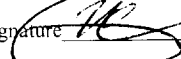
I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) 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.

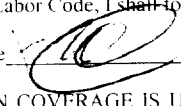
Date 7/21/99 Applicant/Agent Signature 

**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 147556A 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.

Date 7/21/99 Applicant 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.**

# CITY OF SACRAMENTO

## APPLICATION FOR COMMERCIAL BUILDING PERMIT

DEVELOPMENT SERVICES DIVISION  
 PERMIT SERVICES SECTION

1231 I Street, Rm. 200  
 Sacramento, CA 95814 (916) 264-7619 FAX 264-7046

ACTIVITY # 99074990 Insp. Area

Applicant **MUST** complete ALL Unshaded areas

ADDRESS 1501 DEL PASO ROAD Suite —

PARCEL # \_\_\_\_\_

<b>CONTACT</b>		<b>LICENSED CONTRACTOR</b> Lic No. # _____	
Name <u>Don BARNETT - LENNAR COMMUNITIES</u>		Name <u>to be determined</u>	
Address <u>2240 Douglas Blvd #200 Roseville</u>		Address _____	
Phone <u>(916) 783-3224</u> FAX <u>(916) 783-3914</u> CA 95661		Phone _____ FAX _____	
E-mail _____		E-mail _____	
<b>ARCHITECT/ENGINEER</b>		<b>OWNER</b>	
Name <u>The Spink Corporation</u>		Name <u>Lennar Wincrest</u>	
Address <u>2590 Venture Oaks Way Sector</u>		Address _____	
Phone <u>925-8550</u> FAX _____ CA		Phone _____ FAX _____	
E-mail _____		E-mail _____	

→ Will permittee have any employees on the jobsite?  No  Yes → INSURANCE CO: \_\_\_\_\_

→ WORKER'S COMPENSATION POLICY # \_\_\_\_\_ EXPIRATION DATE: \_\_\_\_\_

NATURE OF WORK IN DETAIL: grading and foundation permit for cable TV utility yard.

OCCUPANT/TENANT: \_\_\_\_\_ VALUATION: \$ 8500

FLOOD STATUS: S.C.A.T.

JOB DESCRIPTION		BLDG	SHELL	APT	TI ( )	REM ( )	SW	FIRE	ADD	OTH
INSPECTION DISCIPLINES			BLDG	MECH	PLUMB	ELEC		SITE	FIRE	
# Stories	1st flr Area	Total Area	Use Zone	Occp Group	Const type	Fire Req. Y/N		Fed Code	Vio. File	
						SPR	ALARM		[H]	[Quad]
<u>B</u>	<u>L</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>F</u>	<u>S</u>		<u>D</u>	<u>PW</u>	<u>UTIL</u>

COMMENTS: \_\_\_\_\_

REGIONAL SANITATION FEES?  Yes  No HEALTH DEPARTMENT?  Yes  No

WATER FLOW TEST FOR NEW BUILDINGS OR ADDITIONS?  Provided  Faxed

CITY OF SACRAMENTO  
DEVELOPMENT SERVICES DIVISION

# EXPRESS PLAN REVIEW

SUBMITTAL DATES					
First Review		2nd Review		3rd Review	
IN	OUT	IN	OUT	IN	OUT
/ /	/ /	/ /	/ /	/ /	/ /

PLAN CHECK # 9907499C  
 ADDRESS: 1501 Del Paso Blvd  
 Commercial  Residential

ACCEPTED by (Staff):  


DISCIPLINE	1ST REVIEW			2ND REVIEW			3RD REVIEW		
	Status	Staff	Date	Status	Staff	Date	Status	Staff	Date
LIFE SAFETY	3	DM	7/14/99						
STRUCTURAL	3	DM	"						
MECHANICAL/PLUMBING	3	DM	7/14/99						
ELECTRICAL	3	DM	7/14/99						
FIRE	3		7/14/99						
PLANNING									

STAFF COMMENTS:

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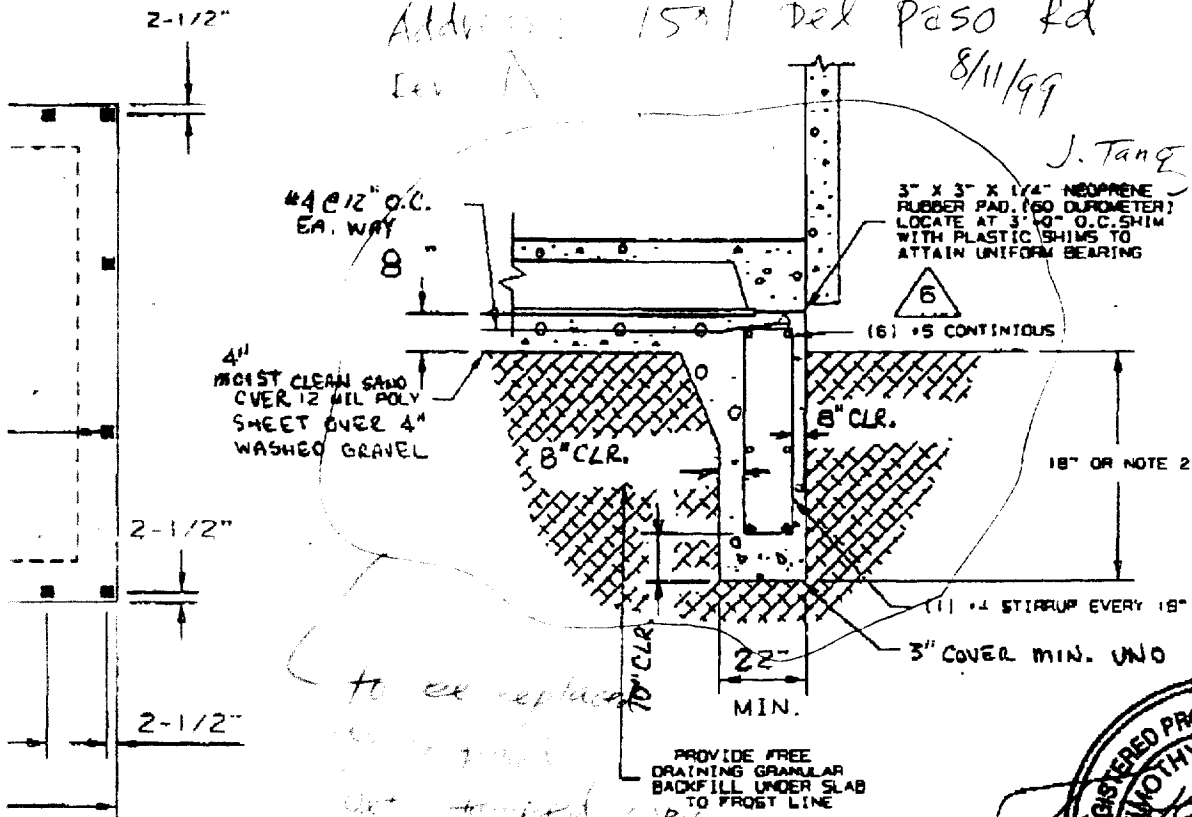
Permit No. 9907499C

Address: 1531 Del Paso Rd

Inv. A

8/11/99

J. Tang



FOUNDATION SECTION



SEISMIC ZONE = 4  
 EFFECT. SNOW = 50 PSF  
 MAX. FLOOR LOAD LIVE LOAD = 200 PSF -FTG THICK = 22"

CAPACITY

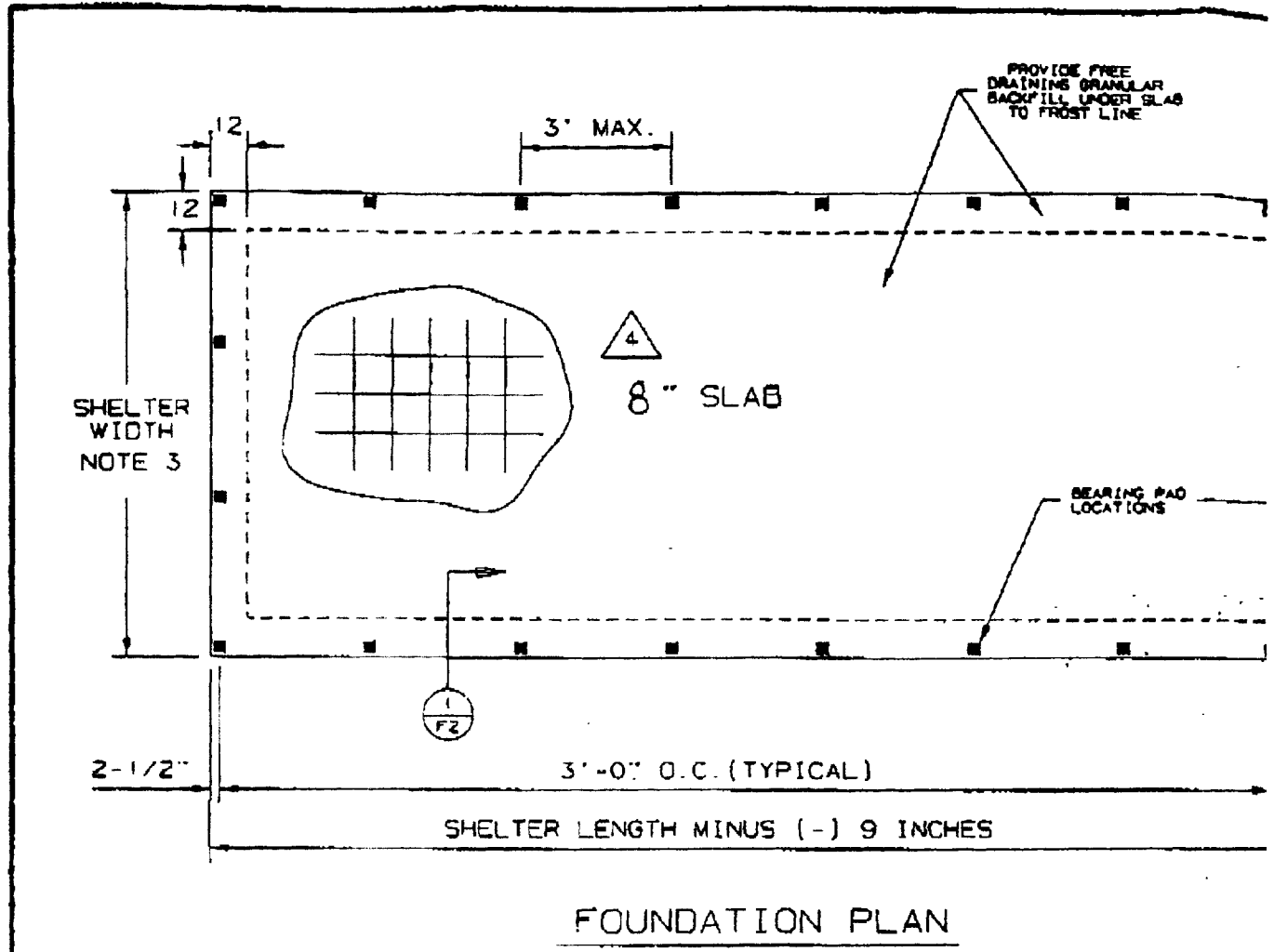
BEAR ON

LENGTH

TO OUTSIDE EDGE  
 FROM SHELTER LENGTH

INDICATES REVISIONS

R6	GENERAL REVISIONS	3-4-96	DGB
<b>ROHN</b> <small>THIS DRAWING IS THE PROPERTY OF ROHN. IT IS NOT TO BE REPRODUCED, COPIED OR TRACED IN WHOLE OR IN PART WITHOUT OUR WRITTEN CONSENT.</small>			
TITLE <b>CONCRETE SHELTER          SLAB FOUNDATION PLAN</b>			
DRWN BY	DGB	DATE	4-28-93
SCALE	NONE		
CHKD BY	CLP	DATE	4-9-91
APPRD BY ENG.	CLP	DATE	4-9-91
APPRD BY PROD.		DWG NO.	B930648 R6



FOUNDATION PLAN

NOTES:

- 1) FOUNDATION DESIGN BASED ON 1500 PSF SOIL BEARING CAPACITY PER SOILS REPORT.
- 2) BOTTOM OF FOUNDATION MUST BE BELOW FROST LINE AND UNDISTURBED SOIL.

3) SHELTER WIDTH	FOUNDATION WIDTH	FOUNDATION
8' WIDE	7'-3" WIDE	OUTSIDE EDGE
10' WIDE	9'-3" WIDE	SUBTRACT 9" F
12' WIDE	10'-11" WIDE	

- 4) CONCRETE TO BE 3000 PSI.
- 5) REBAR  $F_y = 60,000$  PSI.

INDIC





# CLARK ENGINEERS, INC

111 NE Jefferson Avenue - Peoria, Illinois 61602-1227  
 (309) 676-8444 - Fax: (309) 676-5445

**PROJECT:** Concrete Shelter Foundation - Sacramento, CA

**SITE:**

**CALC BY:** RAB1

**DATE:** 08/10/99

**JOB NO:** UNRN0012

**PG 2 OF 3**

## FOUNDATION DESIGN (cont'd)

Wind:

Basic Wind Speed	V = 80 mph	
Wind stagnation pressure,	q <sub>s</sub> = 16.4-psf	(Table 16-F)
Wind importance factor,	I <sub>w</sub> = 1.0	(Table 16-K)
Pressure coefficient (exposure C),	C <sub>e</sub> = 1.06	(Table 16-G (0'-15'))
Pressure coefficient,	C <sub>q</sub> = 0.8 - (-0.5)	(Table 16-H)
	C <sub>qr</sub> = -0.7	
P <sub>w</sub> := C <sub>e</sub> · C <sub>q</sub> · q <sub>s</sub> · I <sub>w</sub>		P <sub>w</sub> = 22.6-psf
P <sub>r</sub> := C <sub>e</sub> · C <sub>qr</sub> · q <sub>s</sub> · I <sub>w</sub>		P <sub>r</sub> = -12.169-psf
Base Shear, V <sub>bw</sub> := P <sub>w</sub> · L · H		V <sub>bw</sub> = 6103-lb

## 2. OVERTURNING

$$Mot_w = V_{bw} \frac{H}{2} \qquad Mot_w = 33873 \text{ -ft-lb}$$

$$Mot_s = V_{bs} \left[ \left( \frac{Wt_{dlr} + Wt_{llr}}{Wt_{dl}} \right) \cdot H + \left( \frac{Wt_{dlf} + Wt_{llf}}{Wt_{dl}} \right) \cdot 2\text{-ft} \right] \qquad Mot_s = 205942 \text{ -ft-lb}$$

Mot := if (Mot<sub>w</sub> > Mot<sub>s</sub>, Mot<sub>w</sub>, Mot<sub>s</sub>)      Mot = 205942 -ft-lb    Therefore seismic controls the design.

$$Mres_{dl} = (Wt_{dlr} + Wt_{dlf}) \frac{W - 1\text{-ft}}{2} \qquad Mres_{dl} = 307937 \text{ -ft-lb}$$

$$FS_{dl} = \frac{Mres_{dl}}{Mot} \qquad FS_{dl} = 1.495 \quad \sim 1.5$$

**No Shelter Overturning**



# CLARK ENGINEERS, INC

111 NE Jefferson Avenue - Peoria, Illinois 61602-1227  
 (309) 676-8464 - Fax: (309) 676-5445

PROJECT: Concrete Shelter Foundation - Sacramento, CA

SITE:

CALC BY: RAB1

DATE: 08/10/99

JOB NO: UNRN0012

PG 3 OF 3

### 3. BEARING PRESSURE

Snow  $p_f = 50$  psf

Floor Live Load LL = 200 psf

$$\sigma_{soil1} = \left[ \frac{M_{ot}}{L(W-1.8)} + \frac{(Wt_{dir} + Wt_{dlf})}{2 \cdot L} + 200 \cdot psf \cdot \frac{W}{2} + 50 \cdot psf \cdot \frac{W}{2} \right] \cdot 0.75 \quad \sigma_{soil1} = 2565 \text{ plf}$$

$$\sigma_{soil2} = \frac{(Wt_{dir} + Wt_{dlf})}{2 \cdot L} + 200 \cdot psf \cdot \frac{W}{2} + 50 \cdot psf \cdot \frac{W}{2} \quad \sigma_{soil2} = 2651 \text{ plf}$$

$$\sigma_{soil} = \text{if}(\sigma_{soil1} > \sigma_{soil2}, \sigma_{soil1}, \sigma_{soil2}) \quad \sigma_{soil} = 2651 \text{ plf}$$

From the soils report, the allowable soil bearing pressure is  $Q_{all} = 1500 \text{ psf}$

then the footing width is  $w = \frac{\sigma_{soil}}{Q_{all}} \quad w = 21.2 \text{ in} \quad \text{say } w = 22 \text{ in}$

assumed foundation projects only 12" out of the ground (max.)  $d = 36 \text{ in}$

### 4. BEAM REINFORCEMENT

$$A_s = w \cdot d \cdot 0.002$$

$$A_s = 1.584 \text{ in}^2$$

use #5 longitudinal bars for shrinkage (Min)