

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.).

Lenders Name _____
Lenders 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-45 Lic. Number 457406
Date 5-2-03 Contractor M. J. P. Law
(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 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 Professions Code) or 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 or 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 or 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 & P C 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 of this city to enter upon the abovementioned property for inspection purposes.
Date _____ Signature of Applicant or Agent _____

SITE ADDRESS

15 BILBYRIDGE DR.

SUITE

INSP. AREA

ASSESSOR PARCEL NO. 019.0420.008 PERMIT NO. 0307549

LICENSED CONTRACTOR NAME OF APPLICANT SHRECH ELECTRIAL SHI DIEGO CA. ADDRESS 4444 REDBATE BLD. ZIP CODE 92162 PHONE NO. 619 527 6100

BUSINESS OWNER

SIGN INFORMATION

- ATTACHED INTERIOR / ELECT. SINGLE FACED
- ILLUMINATED NON-ILLUMINATED BILLBOARD / SUBDIVISION
- INDIVIDUAL LETTERS PAINTED ON BUILDING LOGO
- METAL POLE DOUBLE FACED
- PLASTIC MONTMENT VINYL/GATOR FOAM
- WOODEN PROJECTING RE-FACE

SIGN COPY: AAA START '18"

5-22006

CITY OF SACRAMENTO PERMIT SERVICES
BUILDING INSPECTION DIVISION 264-7619

WORKERS COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:

- I have and will maintain a certificate of workers' compensation insurance for workers' compensation as provided for in Section 3700 of the Labor Code, for the performance of work for which this 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: STATE FUND

Carrier STATE FUND

Policy Number 0000021-2003

(This section need not be completed if the permit is for one hundred dollars (\$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: 5-2-03 Applicant: M. J. P. Law
(Signature)

WARNING: FAILURE TO SECURE WORKERS' 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 FEES.

THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK AUTHORIZED IS NOT COMMENCED WITHIN 180 DAYS.

(A) HEIGHT 3' (B) LENGTH 5'
(A X B) SIGN AREA 15 SQ
POLE SIZE 4 1/4 FOOTING SIZE 1 1/4
STREET FRONTAGE (FT) _____
OCCUPANCY FRONTAGE (FT) 140

OFFICE USE ONLY
ENGINEERING REQUIRED? YES NO APPROVED BY _____
DESIGN REVIEW REQUIRED? YES NO APPROVED BY _____
SPECIAL PERMIT REQUIRED? YES NO # _____
VARIANCE REQUIRED? YES NO # _____
LOCATED IN PUD? YES NO WHICH PUD? _____

SIGN VALUATION
A. TYPE OF SIGN _____ PER SQ. FT. X SQ. FT. = \$ _____
B. \$ _____ PER SQ. FT. X SQ. FT. = \$ _____
APPROVED BY [Signature] DATE 5/2/03
DENIED BY _____ DATE _____

FINAL INSPECTIONS
BUILDING INSPECTOR P Phillips DATE 11/4/03
ELECTRICAL INSPECTOR [Signature] DATE 11/4/03
SIGN INSPECTOR _____ DATE _____
FEES: _____ RECEIVED _____
DATE _____ AMOUNT _____

SIGN APPLICATION FEE 3700
SIGN PERMIT FEE _____
ELECTRICAL SIGN FEE _____
CITY BUSINESS LICENSE _____
OTHER _____

TOTAL FEES \$ _____

**THIS IS A 2 PART FORM
WRITE ON A FIRM SURFACE**

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).

Lenders Name _____
Lenders 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 C45 Lic Number 457406
Date 5-2-03 Contractor Wally P. Row
(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 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 Professions 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 or 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 or 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 & P C 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 of this city to enter upon the abovementioned property for inspection purposes.

Date _____ Signature of Applicant or Agent _____

**USE BLACK INK BALL POINT PEN — PRESS FIRMLY
SIGN PERMIT APPLICATION**

SITE ADDRESS 15 BLENHEIM AVE SUITE CR. INS. AREA 1

ASSESSOR PARCEL NO. 079.0420.008 PERMIT NO. 0307544
LICENSED CONTRACTOR STATEC ELECTRIK SM DIELO, JR. ADDRESS 444 HEDBURN BLVD ZIP CODE 92102 PHONE NO. 619-527-6100
BUSINESS OWNER _____

SIGN INFORMATION

ATTACHED INTERIOR / ELECT. SINGLE FACED
ILLUMINATED NON-ILLUMINATED BILLBOARD / SUBDIVISION
INDIVIDUAL LETTERS PAINTED ON BUILDING LOGO
METAL POLE DOUBLE FACED
PLASTIC MONUMENT VINYLATOR FOAM
WOODEN PROJECTING RE-FACE

SIGN COPY SEE 1/2"

AAA
5-22-007

**CITY OF SACRAMENTO PERMIT SERVICES
BUILDING INSPECTION DIVISION 264-7619**

WORKER'S COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:
 I have and will maintain a certificate of insurance to pay 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 00000 21-2003

(This section need not be completed if the permit is for one hundred dollars (\$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: 5-7-03 Applicant: Wally P. Row
(Signature)

WARNING: FAILURE TO SECURE WORKERS' 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 FEES.

THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK AUTHORIZED IS NOT COMMENCED WITHIN 180 DAYS.

(A) HEIGHT	<u>7'</u>	(B) LENGTH	<u>7'4"</u>
(A X B) SIGN AREA	<u>51.31</u>	<u>SEE ATTACHED</u>	
POLE SIZE	<u>4 1/4"</u>	FOOTING SIZE	<u>SEE ATTACHED</u>
STREET FRONTAGE (FT)	<u>94'</u>	OCCUPANCY FRONTAGE (FT)	<u>94'</u>

ENGINEERING REQUIRED? YES NO APPROVED BY _____
DESIGN REVIEW REQUIRED? YES NO APPROVED BY _____
SPECIAL PERMIT REQUIRED? YES NO # _____
VARIANCE REQUIRED? YES NO # _____
LOCATED IN PUD? YES NO WHICH PUD? _____

A. TYPE OF SIGN _____ PER SQ. FT. X SQ. FT. = \$ _____
B. \$ _____ PER SQ. FT. X SQ. FT. = \$ _____
APPROVED BY [Signature] DATE 5/21/03
DENIED BY _____ DATE _____

FINAL INSPECTOR'S
BUILDING INSPECTOR D Phillips DATE 11/4/03
ELECTRICAL INSPECTOR D Stewart DATE 11/4/03
SIGN INSPECTOR _____ DATE _____

FEES:	RECEIVED
SIGN APPLICATION FEE	<u>444 5/9 25-</u>
SIGN PERMIT FEE	
ELECTRICAL SIGN FEE	
CITY BUSINESS LICENSE	
OTHER	
TOTAL \$	

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).

Lenders Name _____
Lenders 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-45 Lic. Number 457406
Date 5-9-03 Contractor Shahid J. Khan
(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 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 Professions 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 or 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 or 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 & P C 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 of this city to enter upon the above-mentioned property for inspection purposes.

Date _____ Signature of Applicant or Agent _____

SITE ADDRESS

15 BILCATERNALE CR.

SUITE

1

ASSESSOR PARCEL NO. 079.0420.008

PERMIT NO. 0307542

NAME OF APPLICANT

ADDRESS

ZIP CODE

PHONE NO.

LICENSED CONTRACTOR

SHATECH ELECTRIC

4444 FEDERATE RD. SAN DIEGO, CA. 92102

BUSINESS OWNER

SIGN INFORMATION

- ATTACHED
- ILLUMINATED
- INDIVIDUAL LETTERS
- METAL
- PLASTIC
- WOODEN
- INTERIOR / ELECT.
- NON-ILLUMINATED
- PAINTED ON BUILDING
- POLE
- MOUNTMENT
- PROJECTING
- SINGLE FACED
- BILLBOARD / SUBDIVISION
- LOGO
- DOUBLE FACED
- VINYL/GATOR FOAM
- RE-FACE

SIGN COPY AAA

Sign "A"

S-22005

CITY OF SACRAMENTO PERMIT SERVICES
BUILDING INSPECTION DIVISION 264-7619

WORKER'S COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following statements:

- I have and will maintain a certificate of self-insure for workers' compensation as provided for in the Labor Code, for the performance of work for which this 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: CITY OF SACRAMENTO PERMITS

Carrier

STATE FUND

Policy Number 0000021-2003

(This section need not be completed if the permit is for one hundred dollars (\$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: 5-20-03 Applicant Shahid J. Khan
(Signature)

WARNING: FAILURE TO SECURE WORKERS' 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 FEES.

THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK AUTHORIZED IS NOT COMMENCED WITHIN 180 DAYS.

(A) HEIGHT	<u>5'0"</u>	(B) LENGTH	<u>8'4"</u>
(A X B) SIGN AREA	<u>N/A</u>	FOOTING SIZE	<u>N/A</u>
POLE SIZE	<u>N/A</u>	STREET FRONTAGE (FT)	<u>140</u>
OCCUPANCY FRONTAGE (FT)	<u>140</u>	OFFICE USE ONLY	
ENGINEERING REQUIRED?	YES NO	APPROVED BY	
DESIGN REVIEW REQUIRED?	YES NO	SPECIAL PERMIT REQUIRED?	YES NO
VARIANCE REQUIRED?	YES NO	LOCATED IN PUD?	YES NO
SIGN VALUATION			
A. TYPE OF SIGN		SQ. FT. = \$	
B. PER SQ. FT.	<u>X</u>	DATE	<u>5/20/03</u>
APPROVED BY	<u>[Signature]</u>	DATE	<u>5/20/03</u>
DEVELOPER		DATE	
FINAL INSPECTIONS			
BUILDING INSPECTOR	<u>D Phillips</u>	DATE	<u>11/14/03</u>
ELECTRICAL INSPECTOR	<u>D Phillips</u>	DATE	<u>11/14/03</u>
SIGN INSPECTOR		DATE	
FEES:			
SIGN APPLICATION FEE	<u>EPD</u>	DATE	<u>5/19/03</u>
SIGN PERMIT FEE		AMOUNT	
ELECTRICAL SIGN FEE			
CITY BUSINESS LICENSE			
OTHER			
TOTAL FEES	<u>\$</u>		

SIGNTECH ELECTRICAL ADV., INC.
 4444 FEDERAL BLVD.
 SAN DIEGO, CA 92102

PAGE: 1 of 3
 PROJECT: AAA
 SUBJECT: SACRAMENTO, CA
 SIGN STRUCTURAL CALCS.
 BY: DVM DATE: 4-29-03
 P.O.# DWG. FROM DAVID DARE

AREA -- SIGN
 $A = 7.0' * 7.33' = 51.3 \text{ S.F.}$

WIND	CBC-'01	80 MPH, EXP. C
CBC-2311	$p = Cq * Ce * Qs * I$	$I = 1.0$
$Qs =$	16.4	$Cq = 1.4$
30.08 LBS/S.F. @ 40'	$Ce = 1.31$	
28.24 LBS/S.F. @ 30'	$Ce = 1.23$	
27.32 LBS/S.F. @ 25'	$Ce = 1.19$	
25.94 LBS/S.F. @ 20'	$Ce = 1.13$	
24.34 LBS/S.F. < 15'	$Ce = 1.06$	
S.F.	LBS	PT. FT. LBS
AREA	!PRESS!	X-DIST ! MOM-XX

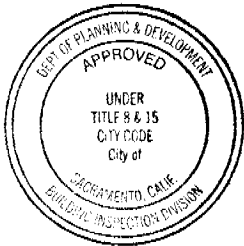
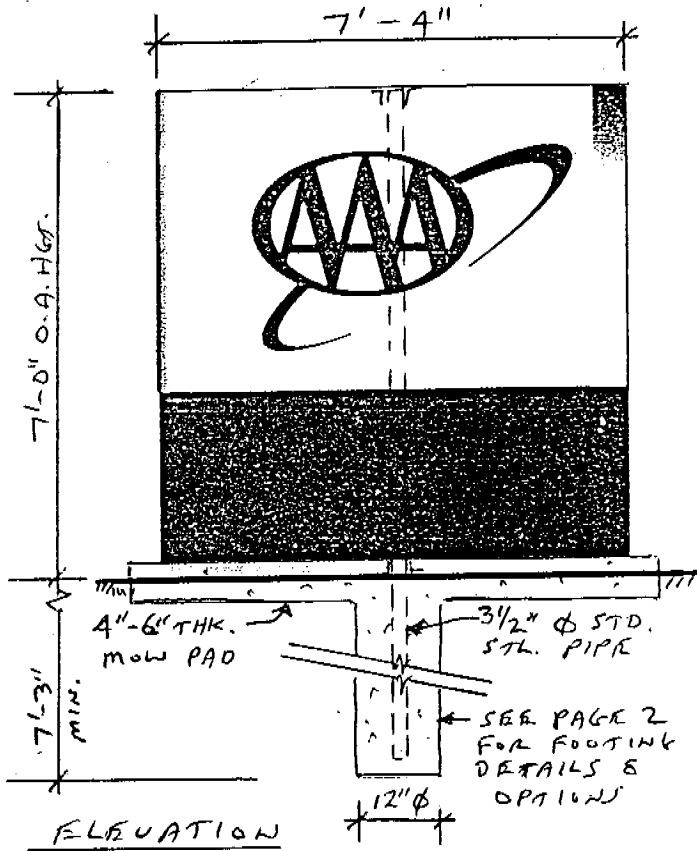
51.3	1249	3.50	4370
0.0	0	0.00	0
0.0	0	0.00	0
0.0	0	0.00	0
TOTAL	1249	3.50	4370
		(AVE.)	
SINGLE COLUMN			
MOM. 'K		4.37	

CBC 2202.1 $F_b = 36 \text{ K/SQ. IN.}$
 $S = M/F_b$ WHERE $F_b = 0.6 * F_y$
 $S = 0.418 * M$ (INCL 1.33 WIND)
 $S = 1.83 \text{ IN}^3$

USE MIN. 3.5" DIA. STD. STL. PIPE
 $S = 2.39 \text{ IN}^3 > 1.83$
 O.K.

WT. OF SIGN = 710 LBS +/-
 AXIAL STRESS IS NEGLIGIBLE

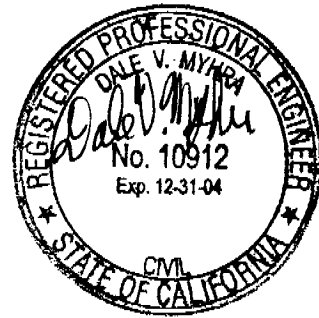
SEE PAGE 2 FOR FOOTING DETAILS



This set of plans and specifications must be kept on the job at all times and it is unlawful to make any changes or alterations from the same without written permission from the Building Inspection Division.

The approval of this plan and specification SHALL NOT be held to permit or approve the violation of any City Ordinance or State Law.

JOB NO. STEK-210



ISSUED
 City of Sacramento

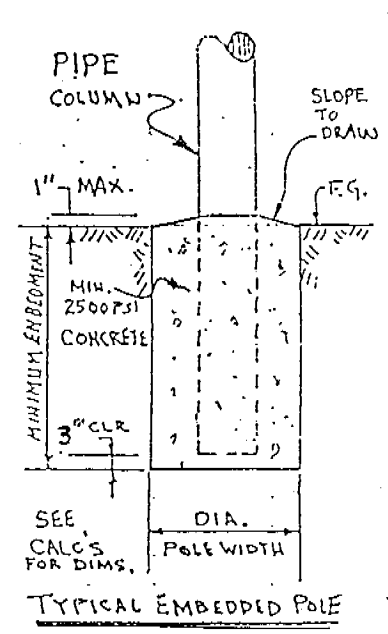
MAY 29 2003
 NORTH PERMIT
 CENTER

SINGLE COLUMN

DESIGN OF EMBEDDED POLE FOOTINGS

DESCRIPTION	>>	12" DIA.	18" DIA.	24" DIA.
CHOOSE ONE	→	OPTION #1	OPTION #2	OPTION #3
ALLOW PASSIVE	psf	200	200	200
MAX PASSIVE	psf	1,500	1,500	1,500
LOAD DURATION FACTOR		1.33	1.33	1.33
POINT LOAD	lbs	1,249	1,249	1,249
LOAD HT.	ft	3.50	3.50	3.50
DIST. LOAD	#/ft	0	0	0
START HT.	ft	0.00	0.00	0.00
END HT.	ft	0.00	0.00	0.00
WIDTH/DIAMETER	in	12"	18"	24"
CIRCULAR ?	y/n	Y	Y	Y
RESTRAINED ?	y/n	N	N	N
SUMMARY				
Moments @ Surface:				
Point Load	ft-#	4,372	4,372	4,372
Uniform Load	ft-#	0	0	0
... Total Moment	ft-#	4,372	4,372	4,372
Total Lateral Load	#	1,249	1,249	1,249
NON-RESTRAINED				
Min. Req'd Embedment				
$A(1+(1+4.36h/A)^{.5})/2$		7'-3"	6'-0"	5'-4"
A=2.34P/(S 1 b) ft		7.12'	5.99'	5.32'
Press @ 1/3 Embed.:		DEPTH	DEPTH	DEPTH
Actual	psf	631	532	471
Allowable	psf	631	531	472
RESTRAINED				
Min. Req'd Embedment				
$(4.25 P h/S 3 b)^{.5}$ ft		0.00	0.00	0.00
Pressure @ Bottom				
Actual	psf	0	0	0
Allowable	psf	0	0	0
Surface Restraint				
Force	lbs	0	0	0

PER CBC 1803.1 -
 POLE 2x ALLOWABLE



MATERIALS AND SPECIFICATIONS

GENERAL SPECIFICATIONS

All work shall be conformed to the requirements of the UBC latest revision and meet the requirements of the local building codes.

Contractor shall field verify all dimension and conditions of site and bring any discrepancies or conflicting data to the attention of the Engineer prior to commencement of the work.

ALUMINUM

Aluminum sheets shall be 5052.

Aluminum Extrusion shapes shall be 6061-T5 or 6061-T6.

Aluminum round pipes shall be 6061 or 6063.

Aluminum shape shall be 6063-T6.

Aluminum round tubing shall be 6061-T6511.

Aluminum square tubing shall be 6063-T52.

Aluminum rectangular tubing shall be 6063-T52.

Aluminum round tubing (drawn) shall be 6061 ASTM B210 and AMS 4092 or 6063 ASTM B210.

Aluminum angles shall be 6061-T6 or 6063-T52.

Aluminum channels shall be 6061-T6 or 6063-T52.

Aluminum welds designed at 1/2 stress

Allowable stresses are computed in accordance to the specifications of the Aluminum Association. Aluminum welding shall comply with the requirement of the American Welding Society's standard AWS D1.2 Structural Welding Code-Aluminum. The aluminum filler alloy for general purpose welding shall be (A-518) unless otherwise noted.

Where aluminum alloy parts are in contact with absorbent building materials likely to be continuously or intermittently wet, or dissimilar metals other than stainless, aluminumized or galvanized steel, the facing surface shall be painted or otherwise separated in accordance with section 2011.6 of UBC 97 or latest edition.

CONCRETE

The material and placement of concrete and reinforcing steel shall conform to the requirements of the local building codes and the ACI manual.

Concrete Mix for footings and slabs shall develop a minimum compressive strength of 2500 psi at 28 days. It shall meet the requirements of the standard Specifications for Public Works, Construction class 520-C-2500. Pile foundation and pedestals for building structures shall have a minimum compressive strength of 3000 psi at 28 days.

Reinforcing Steel bars shall conform to A.S.T.M. A-615 Grade 60. Grade 60 shall be used if specified in the design and called out for on the drawings.

STRUCTURAL STEEL

Steel Shapes and plates shall conform to A.S.T.M. A-36.

Steel Tube shall conform to A.S.T.M. A500 Grade B.

Structural Steel Pipe: A.S.T.M. A-53 Type E or S, Grade B.

Angles shall be A.S.T.M. A500-Grade B.

Standard Bolts and Anchor Bolts: A.S.T.M. A 307, Grade A with plain washers: ANSI B18.22.1, Type B.

Nuts: A.S.T.M. A563, Grade D. Use A-325N and A-490 Anchor Bolts when specified.

Stainless Steel Bolts shall be Type 304 unless otherwise specified.

Welding Electrodes: AWS Filler Metal Specifications, E70 Series.

All Field Welding designed at 1/2 stress.

All Field Welds shall be performed by a certified welder.

STEEL (If required)

Structural welding shall be performed by a Certified Welder.

All work shall be done under continuous inspection by a Licensed Deputy Inspector.

All steel 3/16" thick or less shall be galvanized.

SOILS (If required)

The footings have been designed in accordance with UBC table 18-1-A (CLCm materials). Any other design if by local soils report in footing details.