

CITY OF SACRAMENTO

Permit No: 9804563

1231 I Street, Sacramento, CA 95814

Insp Area: 1

Site Address: 1030 G ST SAC

Sub-Type: REM

Parcel No: 0020154009

Housing (Y/N): N

CONTRACTOR

HMH
8589 THYS CT
SACRAMENTO, CA 95828

OWNER

1030 G STREET INVESTORS
1030 G ST
SACRAMENTO CA 95814

ARCHITECT

Nature of Work: INTERIOR REMODEL OFFICE

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 N/A 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 A & B License Number 280934 Date 6/17/98 Contractor Signature Cynthia J. Anderson

OWNER-BUILDER DECLARATION: I hereby affirm under penalty of perjury that I am exempt from the contractor's 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 6/17/98 Applicant/Agent Signature Cynthia J. Anderson

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 0416-98

(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 6/17/98 Applicant Signature Cynthia J. Anderson

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.



WALLACE • KUHL  
& ASSOCIATES INC.

September 11, 1998

RECEIVED

SEP 16 1998

H.M.H. INC.

Harbison, Mahony, Higgins, Inc.  
Attention: Cynthia Adamson  
8589 Thys Court  
Sacramento, CA 95828

*Special Inspection Final Report*

**GORDON H. CHONG & PARTNERS**

1030 G Street

Permit No. 98-04563C - 1030 G St

WKA No. 3890.20

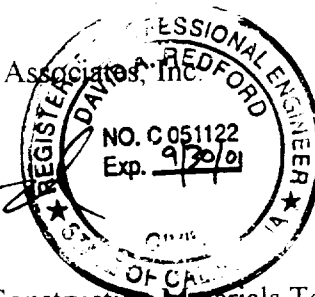
In accordance with the City of Sacramento special inspection requirements, our firm has performed the *Special Testing and Observation* for the subject project. Our observation and test results indicate that the following items are in accordance with Sections 106 and 1701 of the Uniform Building Code and the project's plans and specifications:

Structural Steel: Checked welding on (N) added Simpson hanger HU612 to tube steel 3½ x 3½ column for (N) 6 x 12 beam header per stamped Buehler & Buehler detail 2/SK1. Conforms per detail and AWS D1.1 code.

Last date at jobsite: September 3, 1998

O.K. JT  
9/21/98

Wallace - Kuhl & Associates, Inc.



David A. Redford  
Senior Engineer Construction Materials Testing

cc: City of Sacramento

# REVISION ON ACTIVE PERMIT

NEW PLAN CHECK NO: \_\_\_\_\_

DATE: 9/2/98

- This sheet is to be used only when a permit has been issued, is still active, and the applicant wishes to make changes to the existing approved plans.
- All revisions clouded? Yes \_\_\_\_\_ No \_\_\_\_\_

JOB ADDRESS 1030 G. Street SUITE: \_\_\_\_\_ PERMIT NO. 98-04563

AREA: \_\_\_\_\_ DBA: Gordon H. Chong & Partners

DESCRIPTION OF REVISIONS Install new beam to support roof at demold wall.

DISCIPLINE	(B)	L	P	M	E	F	S	R	D
CHECKED BY	<u>JT</u>								
ROUTE TO									
CODE	<u>13</u>								
HOURS SPENT	<u>.5</u>								<u>.5</u>


CONTACT: Cynthia Adamson

ADDRESS: HMH  
8589 Thys Court

PHONE: 383-4825

# OF PLANS SUBMITTED: 2 SUBMITTED TO: \_\_\_\_\_

I understand that I am responsible for all plan check fees that I incur during the course of this additional plan check and that any approved plans not claimed and paid for within 3 months of notification will be disposed of and an invoice procedure for the amount due will be initiated. I further understand that an unclaimed revision may result in delay of final approval for the subject project.

  
 Applicant Signature \_\_\_\_\_ Date 9/2/98

DATE NOTIFIED	PLAN BIN

APPLIC. FEE	PD.

AGENCY	TOT. HRS.	TOTAL FEES
<u>SEP</u>		
BID <u>NEIGHBORHOOD AND DEVELOPMENT</u>		
PW		
PLEASE PAY THIS AMOUNT		<u>80.08</u>



**WALLACE • KUHL & ASSOCIATES INC.**  
 GEOTECHNICAL ENGINEERING • CONSTRUCTION TESTING

3050 Industrial Blvd  
 PO Box 110  
 West Sacramento  
 California 95691  
 916-372-1434

DATE	9/3/		JOB NO	WEATHER		TEMP. ° at		AM
PROJECT	1030 G ST.		Technician I		<input type="checkbox"/>	Staff E/G		<input type="checkbox"/>
LOCATION	" 2ND FLOOR		Technician II		<input type="checkbox"/>	Project E/G		<input type="checkbox"/>
TYPE OF WORK	FIELD WLDG INSN		Technician III		<input checked="" type="checkbox"/>	Senior E/G		<input type="checkbox"/>
Inside 50 mi. radius	<input checked="" type="checkbox"/>	Outside 50 mi. radius	<input type="checkbox"/>	Nuclear Densities		<input type="checkbox"/>	Principal E/G	
PERSONNEL	REG HRS	OT HRS	TOTAL HRS	TRAVEL	ON JOB	VEHICLE		MILES
PERMIT # 9804563C								

OBSERVATIONS: CHECKED WELDING ON (N) ADDED SIMPSON HANGER HU 612 TO TS 3 1/2 X 3 1/2 COLUMN FOR (N) 6X12 BEAM HEADER PER STAMPED BUEHLER + BUEHLER DETAIL 2/SKI. OK PER DETAIL & AWS D11 CODE

**FIELD REPORT**

Signed

*Jim Carlson*

CITY OF SACRAMENTO  
BUILDING INSPECTION \* DEPARTMENT OF PLANNING AND DEVELOPMENT  
1231 I STREET \* SACRAMENTO, CA 95814 \* PHONE (916)264-7619

STRUCTURAL TESTS AND INSPECTIONS SCHEDULE

PRIOR TO OBTAINING THE PERMIT, THE PROJECT OWNER SHALL COMPLETE, SIGN AND SUBMIT THIS FORM FOR THE BUILDING INSPECTION DIVISION FOR APPROVAL.

PROJECT NAME: WOODRIDGE PLAZA 4 PARTIALS  
PROJECT ADDRESS: 1030 G St

PLAN REVIEW # \_\_\_\_\_  
PERMIT NUMBER 98-04563

TESTING/INSPECTION AGENCY/IES: WALLEN ROME & ASSOC

OWNER'S NAME: CAROL REED SIGNATURE: Carol Reed  
(Please Print) ~~SECRETARY~~ FOR OWNER FOR OWNER

hereby certifies that the Testing/Inspection agency named above has been engaged to perform structural tests and inspections during construction, as noted below, to satisfy all applicable portions of the Uniform Building Code.



INSPECTIONS REQUIRED

In accordance with Sections 302 and 306 of the Uniform Building code, special inspections shall be performed on the following items (circled):

<u>Item</u>	<u>Description</u>	<u>Ref. Dwg.*</u>
1.	CONCRETE _____	_____
2.	REINFORCING/PRESTRESS STEEL _____	_____
3.	WELDING <u>Field welding</u>	<u>1 of 1, SK-1</u>
4.	HIGH STRENGTH BOLTING _____	_____
5.	STRUCTURAL MASONRY _____	_____
6.	PILING, DRILLED PIERS, CAISSONS _____	_____
7.	SPRAY APPLIED PROOFING _____	_____
8.	OTHER: _____	_____

\* Referenced drawings listed represent a sample of the item requiring special inspection and are not intended to document all drawings or specifications containing information pertaining to that item.

BID APPROVAL [Signature]

Date 9/21/98 BID #382(02/95)

*Ways have been made*



September 11, 1998

Harbison, Mahony, Higgins, Inc.  
Attention: Cynthia Adamson  
8589 Thys Court  
Sacramento, CA 95828

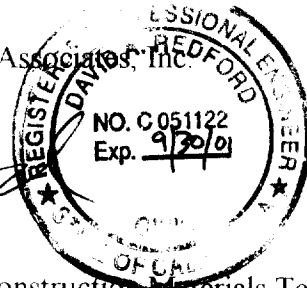
*Special Inspection Final Report*  
**GORDON H. CHONG & PARTNERS**  
1030 G Street  
Permit No. 98-04563C  
WKA No. 3890 20

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Structural Steel      Checked welding on (N) added Simpson hanger HU612 to tube steel 3½ x 3½ column for (N) 6 x 12 beam header per stamped Buehler & Buehler detail 2/SK1. Conforms per detail and AWS D1.1 code.

Last date at jobsite September 3, 1998

Wallace-Kuhl & Associates, Inc.



David A. Redford  
Senior Engineer Construction Materials Testing

O.K. JT  
9/21/98

cc City of Sacramento

**BUEHLER & BUEHLER ASSOCIATES  
STRUCTURAL ENGINEERS, INC.**

7300 Folsom Blvd Suite 103  
SACRAMENTO, CALIFORNIA 95826

1030 G Street  
JOB NO. 98 MISS DATE 6/11/98  
CLIENT HMM BY RBW SHEET NO.

1030 G Street

Index to Calculations

Calculation - - - - - sheet 1  
Drawing - - - - - SK-1

ISSUED

SEP 27 1998

State of California Building Division



John Tang

Add Hanger for New Opening

span = 8'-0"

Tributary area = 23'-0"

$W = 23 \times (15^{\#} + 20^{\#}) = 805^{\#}$

$M = 805^{\#} \times 8^2 / 8 = 6440^{\#} \cdot 1$

$V = 805^{\#} \times 8 / 2 = 3220^{\#}$

USE 6x12 DF#1

$V_a = 3584^{\#}$   $M_a = 16164^{\#} \cdot 1$

Roof  
Loads

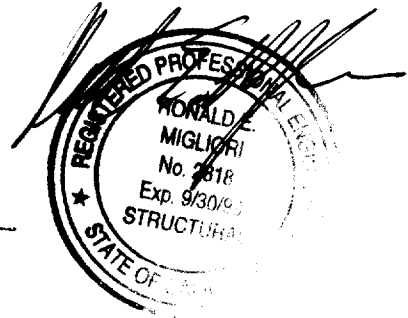
12<sup>#</sup> DL

3<sup>#</sup> misc

15<sup>#</sup> D

20<sup>#</sup> L

35<sup>#</sup> T

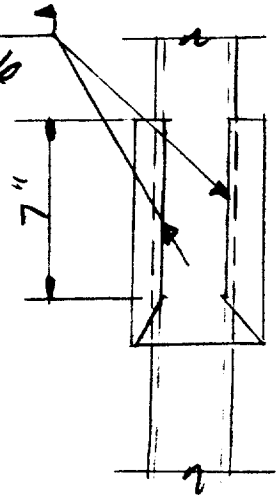


Check welded Simpson HUC 612 hanger

Existing <sup>TS</sup> 3 1/2" x 3 1/2" column

Simpson HUC 612 (14 gage mt 1)

space betw flanges = 5.5 - 2 x 1.25 = 3.0"  
 $< 3.5"$  OK



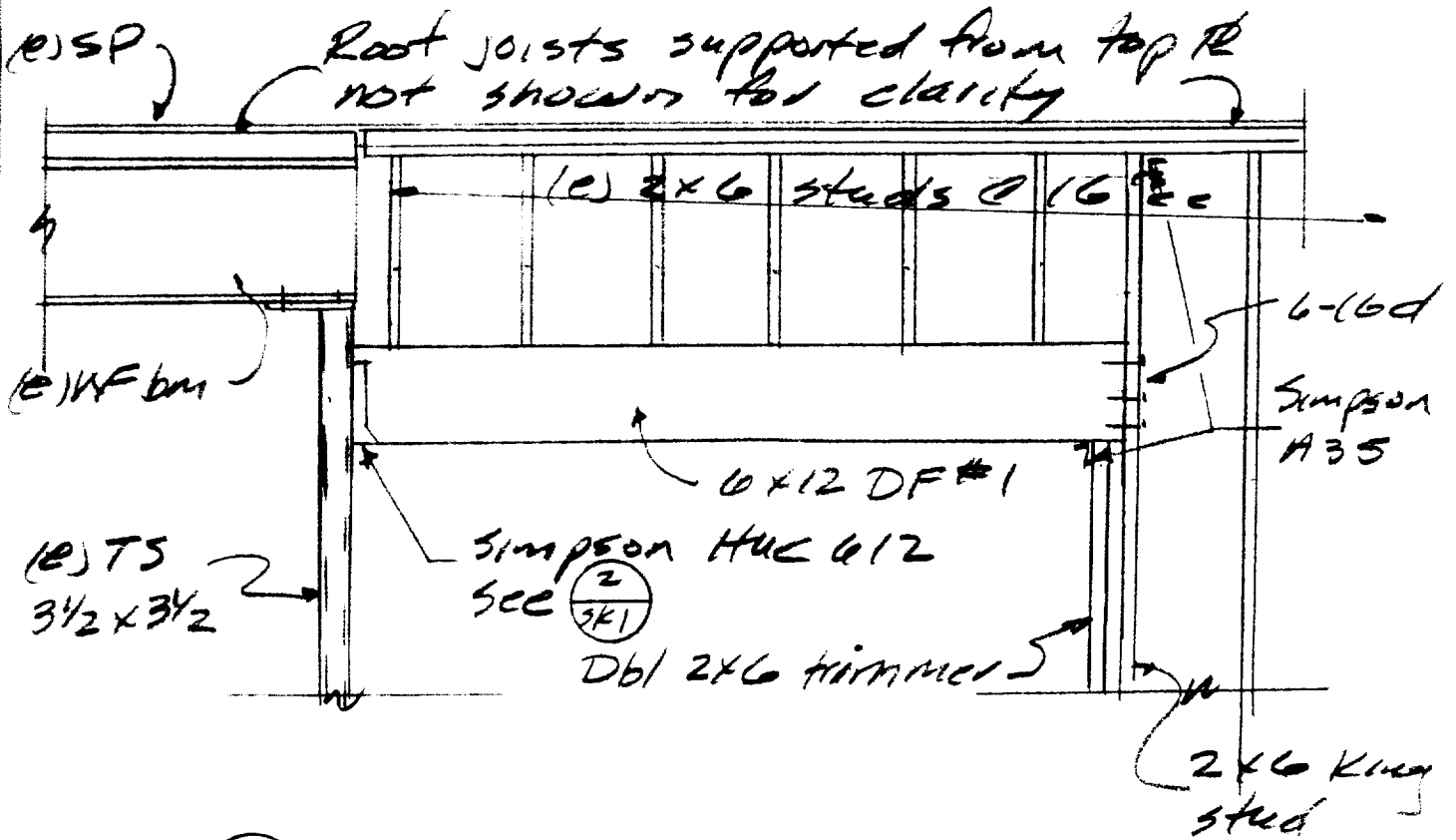
HUC Capacity = 3685<sup>#</sup> > 3220<sup>#</sup> OK

Try 6" of 1/8" fillet weld each flange

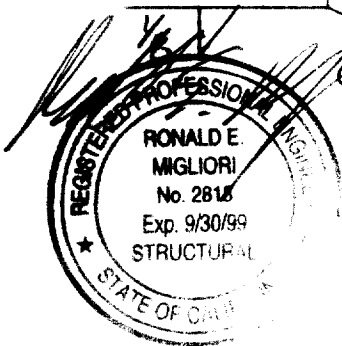
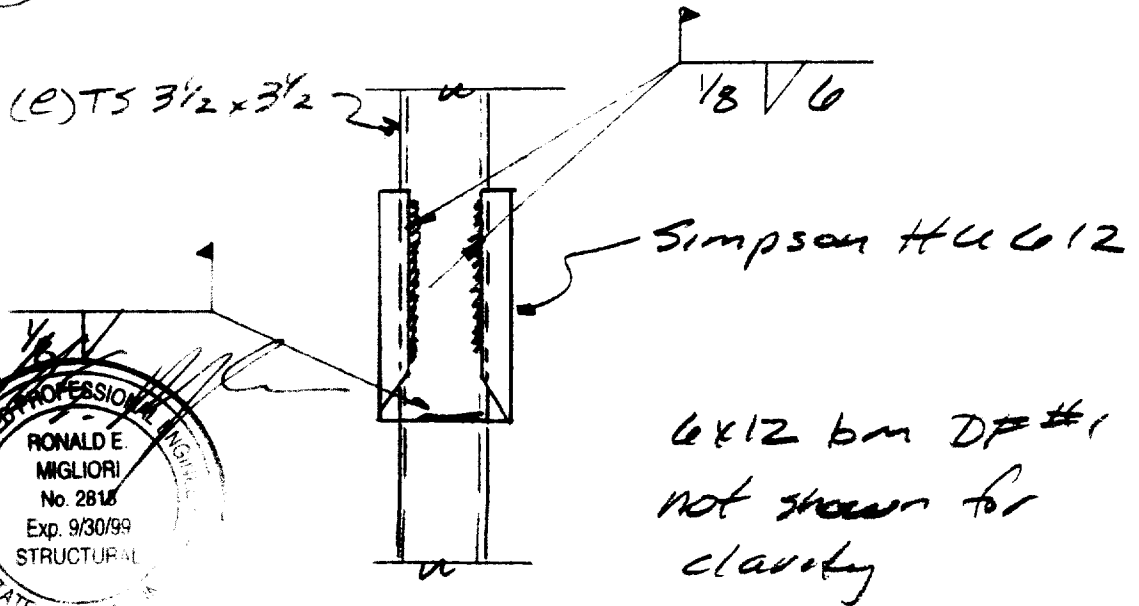
$R_{allow} = 2 \times 6" \times 740^{\#} = 8880^{\#} \gg 3220^{\#}$  OK

Simpson HUC 612 OK





① Header Elevation  
SK1



Detail ② — 1/2" = 1'-0"  
SK1

(SUBSTANTIAL IMPROVEMENTS)  
AGREEMENT REGARDING  
THE RISK OF FLOODING

RECITALS

A. The undersigned have contracted for construction of the improvements located at 1030 G. Street and described in the attached building permit (the "Improvements").

B. The undersigned expressly acknowledge that the Improvements may be subject to flooding hazards due to their location in a 100-year floodplain, as described in the Flood Insurance Rate Map dated November 15, 1989, ("FIRM"), prepared by the Federal Emergency Management Agency ("FEMA").

C. The undersigned acknowledge that they have read the Notice to Building Permit Applicants Regarding the Risk of Flooding attached as Exhibit "B."

D. Despite the potential for flood damage, the undersigned intend that the Improvements be constructed even though they will not be at least one foot above the 100-year floodplain elevation levels identified in the Preliminary Work Map dated January, 1989, prepared by the U.S. Army Corps of Engineers.

E. The undersigned acknowledge that the City of Sacramento (the "City") recommends obtaining flood insurance for the Improvements.

AGREEMENT

In consideration of the issuance of a building permit for construction of the Improvements, the undersigned agree as follows:

1. Flood-Related Property Damage. For purposes of this Agreement, the term "flood-related property damage" shall mean any property damage due to flooding resulting from an overtopping out of the channels of the Sacramento River, American River, Dry Creek, Arcade Creek or Morrison Creek levee systems or a break in those levee systems.

2. Assumption of Risk. The undersigned expressly assume the risk that the Improvements may be subject to flood-related property damage.

3. Waiver of Property Damage Claims. The undersigned unconditionally waive any flood-related property damage claim asserting liability on the part of the City, or its officers, agents or employees premised on the issuance of a permit for the Improvements,

9. Succession. The undersigned expressly intend that the obligations contained herein shall run with the Improvements and shall bind their respective heirs, assignees and successors in interest.

10. Termination. All of the obligations set forth in this Agreement shall terminate at such time as FEMA determines that the area in which the Improvements are located has attained at least 100-year flood protection.

DATED: 6/17/98

Cynthia Adamson  
SIGNATURE

Project Manager  
Title of Signatory if Signing for an Entity

Harbison-Mahony-Higgins, Inc.  
Name

8589 Tully Court  
Address

Sacramento CA 95828

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
Title of Signatory if Signing for an Entity

\_\_\_\_\_  
Name

\_\_\_\_\_  
Address

**CITY OF SACRAMENTO**  
 BUILDING INSPECTION DIVISION  
 APPLICATION FOR BUILDING PERMIT - HAZARDOUS MATERIAL SURVEY

**Required by Assembly Bill #3205 A Building Permit Cannot be Approved Without This Completed Form**

Business Name: Gordon H. Chong & Partners Phone: 442-3230

Address: ~~1030~~ 1030 G. Street Suite: \_\_\_\_\_  
(Street) (Zip)

Business Owner/Representative: Jeff Warner Phone: \_\_\_\_\_

Nature of Business: Architects

Property Owner: 1030 G. Street Investors Phone: \_\_\_\_\_

Address: \_\_\_\_\_ Suite: \_\_\_\_\_  
(Street)

(City) (State) (Zip)

2. Are you developing an undetermined tenant space? Yes \_\_\_ No  Is this permit for a shell building? Yes \_\_\_ No

Facility lessee of the responsibility to coordinate with the Fire Department regarding the use and handling of hazardous materials

3. Does/Will your business generate hazardous waste? Yes \_\_\_ No

4. Does/Will your business handle, store or transport any solid, liquid, or gaseous chemicals? Yes \_\_\_ No

**CONSULT THE EPA CHEMICAL LIST LOCATED AT THE BUILDING DIVISION COUNTER FOR HAZARDOUS OR ACUTELY HAZARDOUS MATERIALS TO COMPLETE THE FOLLOWING QUESTIONS.**

If you answered "YES" to questions #3 and/or #4 above, continue on to questions 5 - 8.

5. Do you handle, store, or transport 55 gallons, 500 pounds, or 200 cubic feet (at Standard Temperature or Pressure) of a product or formulation containing hazardous materials at any one time? Yes \_\_\_ No \_\_\_

6. Do you handle, store or transport any amount of acutely hazardous materials? Yes \_\_\_ No \_\_\_

7. Will your business be located within 1,000 feet of a school? Yes \_\_\_ No \_\_\_

If you answered "yes" to questions #6 and/or #7, complete the RMPP Informational sheet.

8. Will your business be located within 1,000 feet of a hospital, and/or long-term healthcare facility? Yes \_\_\_ No \_\_\_

IF YOU ANSWERED "YES" TO QUESTION #3 AND/OR #4, PLEASE CONTACT THE CITY OF SACRAMENTO FIRE DEPARTMENT LOCATED AT 1231 I STREET, SUITE 401, SACRAMENTO, CA OR CALL 449-5416.

**Prior to issuance of a certificate of occupancy, each business owner(s) shall contact the City of Sacramento Fire Department and comply with the Health and Safety Code regarding the use and handling of hazardous materials:**

**PENALTY: Any business that violates Section 25531-25541 of the Health and Safety Code shall be civilly liable to the administering agency in an amount of not more than two thousand dollars (\$2,000) for each day in which the violation occurs. If the violation results in, or significantly contributes to, an emergency, including a fire, the business shall also be assessed the full cost of the city emergency response, as well as the cost of cleaning up and disposing of the hazardous materials. Additional liability and punishment may be assessed for knowing a violation after reasonable notice of the violation.**

Applicant's Name: Cynthia Adamson  
Cynthia Adamson (Print)  
Cynthia Adamson (Signature) 6/17/98 (Date)

BID Use Only: Plan Ck# <u>6114</u> Permit # <u>9804562</u>
OK to issue prmt? <input checked="" type="checkbox"/> F.D. Appr Req'd? Yes <input checked="" type="checkbox"/>
init date _____
Hold on Certificate of Occupancy? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Fire Dept. Use Only:
OK to issue permit? init _____ date _____
OK to issue Certificate of Occupancy? init _____ date _____

**CITY OF SACRAMENTO**  
APPLICATION FOR BUILDING PERMIT

980 4-56-3

**DEVELOPMENT SERVICES DIVISION**  
**PERMIT SERVICES DIVISION**

→ Applicant must complete ALL Unshaded areas ←

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

PC # <u>6114</u>	AREA # <u>1c</u>
------------------	------------------

ADDRESS 1030 G. Street Sacramento CA Suite \_\_\_\_\_  
PARCEL # 002-0157-009

<p align="center"><b>CONTACT</b></p> <p>Name <u>Cynthia Adamsen / M.H.</u> Address <u>8589 Thys Court</u> <u>Sacto. CA</u> Zip <u>95828</u> Phone <u>388-9171</u> FAX <u>388-9195</u></p>		<p align="center"><b>LICENCED CONTRACTOR</b> Lic No. # <u>280934</u></p> <p>Name <u>Harbison Mahony Higgins</u> Address <u>8589 Thys Court</u> <u>Sacto. CA</u> Zip <u>95828</u> Phone <u>388-9171</u> FAX <u>388-9195</u></p>	
<p align="center"><b>ARCHITECT/ENGINEER</b></p> <p>Name <u>Gordon H. Chong &amp; Partners</u> Address <u>1030 G. St.</u> <u>Sacto. CA</u> Zip <u>95814</u> Phone <u>442-3230</u> FAX _____</p>		<p align="center"><b>OWNER/TENANT</b></p> <p>Name <u>Gordon H. Chong</u> Address <u>1030 G. St.</u> <u>Sacto. CA</u> Zip <u>95814</u> Phone <u>442-3230</u> FAX _____</p>	

→ Will the permittee have any employees on the jobsite?  Yes  No

→ If yes, WORKER'S COMPENSATION POLICY # 046-98 EXPIRATION DATE: 01-01-99

NAME OF INSURANCE COMPANY: State Fund

NATURE OF WORK IN DETAIL: interior remodel OFFICE

DBA: \_\_\_\_\_ VALUATION: \$ 190,000

FLOOD STATUS:				S.C.A.T.						
JOB DESCRIPTION		BLDG	SHEL	APT	TI( )	REM(✓)	SW	FIRE	ADD	OTH
INSP. DISCIPLINES		<u>BLDG</u>	<u>MECH</u>	<u>PLUMB</u>	<u>ELEC</u>			SITE	FIRE *	
# Stories	1st flr Area.	Total Area	Use Zone	Occp Group	Const V type N	Fire Req. Y/N	Fed Code	Vio. File		
<u>2</u>				<u>B</u>		<u>Y</u> Alarm	<u>15</u>	<u>OK</u>		
<u>B</u>	<u>E</u>	<u>P</u>	<u>M</u>	<u>E</u>	<u>F</u>	<del>E</del>	<u>D</u>	<u>R</u>		
	<u>JT</u>	<u>BD</u>	<u>BD</u>	<u>6/4</u>	<u>EHc</u>		<u>BD</u>			

COMMENTS: OK For Demo (walls & ceiling) JT 13883  
AN BD.

REGIONAL SANITATION FEES?  Yes  No HEALTH DEPARTMENT?  Yes  No

206130



Insp. Area lc

### AUTHORIZATION TO START WORK

CITY OF SACRAMENTO, BUILDING INSPECTIONS DIVISION  
1231 I ST., ROOM 200, SACRAMENTO, CA 95814

Company: HMH PC # 0114  
 Address: 8589 Thys Ct. BID App. Bill  
 Job Phone: \_\_\_\_\_ Office Ph. 388-9171 Fee 12/1  
 SUBJECT: Project Address: 1030 G. St. Sac. Suite # \_\_\_\_\_

I request permission to start the following work Demolition  
non structural

I realize that all work will be at the owner's and contractor's risk without assurance that the permit for the project will be granted. Any code conflicts will be corrected. I agree not to cover or conceal any work or portion thereof. I realize that inspections will not be made on this project until a building permit is issued. All changes required to conform to the approved plans will be completed without dispute. Work affecting the structural integrity of the existing building is not permitted.

I will expedite necessary revisions, corrections and clarifications as required to obtain the building permit.

If it should be determined subsequently by the City that changes in the design of the building are necessary after commencement of the work authorized, I assume full responsibility and all risk of loss which may result by reason of such changes. I agree that the building shall conform to the approved final plans as amended, without regard to the stage of completion.

This authorization is valid for 30 days while the plans are being processed for permit. These state required declarations must be properly executed before this authorization is valid. This authorization is valid when initialed by authorized Building Department personnel and stamped approved. Keep posted on job site at all times.

#### 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 N/A  
 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 the Business and Professions Code and my license is in full force and effect.

Lic. Class: A&B Lic. Number: 280934 Harbison Mahony Higgins  
 SIGNATURE DATE

COPIES

JOB

CLIENT

JOB NO.

DESIGNED BY

DATE

PAGE



**BEVIER**  
STRUCTURAL ENGINEERING

**WILLIAM D. BEVIER**  
STRUCTURAL ENGINEERING, INC.  
2893 SUNRISE BLVD., SUITE 209  
RANCHO CORDOVA, CA 95742  
(916) 631-3030 FAX (916) 631-8996

# STRUCTURAL CALCULATIONS FOR

## GORDON H. CHONG & PARTNERS, T.I. (GLAZING)

ISSUED

**SACRAMENTO, CA**

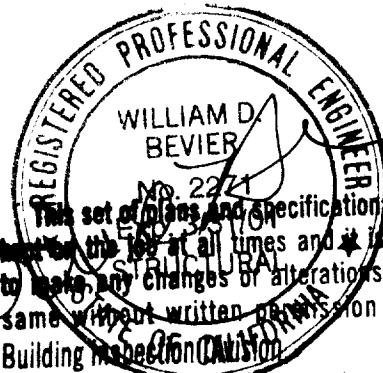
MAR 11 1999

PERMIT SERVICE

Permit No 9804563

Address 030 G St.

REV 3/11/99



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



CLIENT: GHCP  
BY: ERIC REITZELL  
DATE: 3-10-99

JOB GORDON CHONG GLAZING

99000.11

CLIENT GHOP

JOB NO.



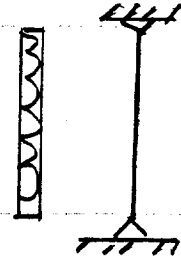
WILLIAM D. BEVIER  
STRUCTURAL ENGINEERING, INC.  
2893 SUNRISE BLVD., SUITE 209  
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(916) 631-3030 FAX (916) 631-8996

DESIGNED BY ER DATE 3/10/99 PAGE 1

BEVIER  
STRUCTURAL ENGINEERING

$$w = 5 \text{ psf} (2') = 10 \#'$$

$$R = 10 (9/2) = 45 \# \text{ top \& bottom}$$



use min #6  
allow = 60# OK

see attached for glass deflection



**PPG INDUSTRIES FLOOR GLASS ENGINEER ANALYSIS  
OF ARCHITECT'S SPECIFIED DESIGN WIND LOAD**

Customer  
Project  
Date 9 February, 1999

This analysis is based on the following design criteria as specified by the architect:

- 1. Construction : MONOLITHIC
- 2. Type : TEMPERED
- 3. Finely Supported on 2 Sides
- 4. Unsupported Edge: 135.00 (inches)
- 5. Supported Edge : 41.00 (inches)
- 6. Design Wind Load : 10.000 (psf)
- 7. Design Wind Load Duration: 60 SEC
- 8. Maximum Allowable Breakage Probability at Initial Occurrence of Design Wind Load (lites/1000) : 8

Glass Thickness (inches)	Maximum Deflection At Design Wind Load (inches)	Maximum Stress At Design Wind Load (psi)	Probability of Breakage (lites/1000)
3/32	N/A	N/A	N/A
1/8	35.7	***	***
5/32	39.9	***	***
3/16	22.6	***	***
1/4	12.6	***	***
5/16	5.3	***	***
3/8	2.4	4556	1
1/2	1.3	2611	1
5/8	0.8	1627	1
3/4	0.4	1111	1

PPG's "FLASH WIND" program has been developed to assist responsible architects/engineers in selecting glass types and thickness to meet their specified design conditions which include wind load, load duration, and probability of breakage. Wind results are not meant to be, nor should they be used as substitutes for good engineering practice or in conflict with more demanding regulatory requirements. Separate analysis of impact, thermal, snow, seismic and other loads may be required and is recommended.

For 4-side supported, monolithic annealed glass, wind utilizes ASTM E1300-89 standard practice for determining the minimum thickness of annealed glass required to resist a specified load.

Center deflections are approximate values assuming simply supported edges. Actual glazing conditions may vary from simply supported edge conditions and mock-up test measured center deflection results may differ from these calculated values.

For laminated and insulating glass units using annealed, heat strengthened or tempered glass components, probability of breakage information is based on unit breakage per thousand units loaded, see individual glass lites. Unit breakage probabilities include the possibility that either one or both lites in a laminated or insulating glass unit may break and therefore the law of compound probability is used to provide probability of breakage information. Probability of breakage values less than or equal to one are reported as one per thousand. Probability of breakage results are based on wind loading only, and do not relate breakage due to other causes.

Refer to PPG publication "INSIDE GLASS"-Technical Service Recommendations 93-2, January 16, 1992, 'Use PPG HESTRON Heat Strengthened Glass for Architectural Glazing' for PPG recommendations and performance characteristics of PPG HESTRON heat strengthened ground floor glass compared to fully tempered glass when glass is being considered for use in above ground floor elevations.

\*\*\* Caution - breakage is in excess of specified maximum breakage probability.

\*\*\* PPG does not recommend this glass thickness for use with the specified design conditions.



WALLACE · KUHL  
& ASSOCIATES INC.

September 11, 1998

Harbison, Mahony, Higgins, Inc.  
Attention: Cynthia Adamson  
8589 Thys Court  
Sacramento, CA 95828

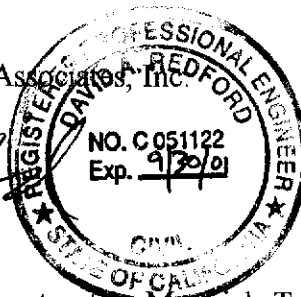
*Special Inspection Final Report*  
**GORDON H. CHONG & PARTNERS**  
1030 G Street  
Permit No. 98-04563C  
WKA No. 3890.20

In accordance with the City of Sacramento special inspection requirements, our firm has performed the *Special Testing and Observation* for the subject project. Our observation and test results indicate that the following items are in accordance with Sections 106 and 1701 of the Uniform Building Code and the project's plans and specifications:

Structural Steel: Checked welding on (N) added Simpson hanger HU612 to tube steel 3½ x 3½ column for (N) 6 x 12 beam header per stamped Buehler & Buehler detail 2/SK1. Conforms per detail and AWS D1.1 code.

Last date at jobsite: September 3, 1998

Wallace - Kuhl & Associates, Inc.



David A. Redford  
Senior Engineer Construction Materials Testing

cc: City of Sacramento