

CITY OF SACRAMENTO
1231 I Street, Sacramento, CA 95814

Permit No: 0007416

Insp Area: 1

Site Address: 2012 K ST SAC

Parcel No: 007-0086-005

SECOND FLOOR

Sub-Type: ACOM

Housing (Y/N): N

CONTRACTOR

MMC CONSTRUCTION, INC.
660 COMMERCE DR
ROSEVILLE CA 95678

OWNER

2012 K STREET PARTNERS
2229 J ST
SAC TO. CA. 95816

ARCHITECT

Nature of Work: SEISMIC UPGRADE, NEW HVAC, NEW ELECTRICAL, PLUMBING, TI IMPROVEMENTS FOR OFFICE SPACE ON SECOND FLOOR & EXTERIOR FACADE IMPROVEMENTS

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 _____ Date 10-16-00 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 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: 2000

Date _____ Owner Signature RICHARD L. PLANNING
THE DEVELOPMENT SERVICES

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 10-16-00 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

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 FREMONT INDEMNITY Policy Number WN0078066702 Exp Date 01/01/2001

(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 10-16-00 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.

CITY OF SACRAMENTO

30 DAY **TEMPORARY**
Certificate of Occupancy

For Information Contact (916) 264-5716

Building Address: 2012 K ST Permit No. 0007416

Building Use: OFFICE Occupancy: B

Building Owner: 2012 K ST PARTNERS Construction Type: V

Owner Address: 2229 J ST SACRAMENTO Sprinkled? [] Yes [] No

Portion of Building Occupied: 2ND FL T.I. Area: 6400 Sq. Ft.

Specific purpose for temporary occupancy and/or conditions/limitations of temporary occupancy:

2/26/01 Willie Harris DENNIS RICHARDSON
Date By:Print Sign CITY BUILDING OFFICIAL

[TCO approvals:DP,WJR,JZB,RR,MG]

BC 109.4 TEMPORARY CERTIFICATE

If the Chief Building Official finds that no substantial hazard will result from occupancy of any building or portion thereof before the same is completed, a temporary Certificate of Occupancy may be issued for the use of a portion or portions of a building or structure prior to the completion for the entire building or structure.

POST IN A CONSPICUOUS PLACE



GEORGE J. SCHWARTZ
CALIFORNIA LICENSE #867571
8663 TIMBER COURT
ORANGEVALE CA 95662

FAN AND OUTLET TEST DATA

LOCATION

OFFICES

SYSTEM AC-1

MOTOR NAMEPLATE DATA

MFG G. E. FR 56 Y
HP V 208 FLA 5.8
PH 1 SF 1.15 RPM 1725

SHEAVE DATA:

DIA 1VP3.5 SHAFT 5/8
ADJ MAX. FIXED

FAN NAMEPLATE DATA

MFG BRYANT
MODEL 581 BPV 072072 AH
TYPE
SIZE

SHEAVE DATA:

DIA 4.1" SHAFT 5/8
BELTS (1) A 38

STARTER
EATERS

DATA ITEM	TEST 1	TEST 2	TEST 3
VOLTS	213	213	
AMPS	3.1	5.2	
BHP			
FAN RPM		1415	
SP-		.40	
SP+		.63	
TSP ESP		1.03	
FILTER SP		.05	
CFM TOTAL	1500	1830	
CFM RA	1270	1700	
CFM OA	230	130	

FAN DESIGN DATA

CFM TSP ESP RPM BHP

ROOM	OPENING			FACTOR	DESIGN		TEST 1		TEST 2		TEST 3	
	NO.	TYPE	SIZE		FPM	CFM	FPM	CFM	FPM	CFM	FPM	CFM
	1	CD	10"	1.0	396	396	250	250	360	360		
	2	CD	8"	1.0	200	200	150	150	190	190		
	3	CD	8"	1.0	200	200	160	160	180	180		
	4	CD	8"	1.0	200	200	150	150	180	180		
	5	CD	10"	1.0	396	396	250	250	370	370		
	6	CD	10"	1.0	300	300	280	280	270	270		
	7	CD	10"	1.0	300	300	260	260	280	280		
							====	====	====			
							1992	1500	1830			
	R-1	CR	10"	1.0	351	351	300	300	310	310		
	R-2	CR	16"	1.0	951	951	650	650	860	860		
	R-3	CR	16"	1.0	555	555	320	320	530	530		
							====	====	====			
							1857	1270	1700			

REMARKS :



INDEPENDENT TEST & BALANCE - SACRA-

GEORGE J. SCHWARTZ
CALIFORNIA LICENSE #667571
8653 TIMBER COURT
ORANGEVALE CA 96662

ITB JOB NO. 348

PAGE 2 _____

FAN & OUTLET TEST DATA

LOCATION: OFFICES

SYSTEM: AC - 2

MOTOR NAMEPLATE

DATA:

MFG: G.E. FR: 56Y
HP: — V: 208 FLA: 5.8
PH: 1 SF: 1.15 RPM: 1725

SHEAVE DATA:

DIA: 1VP3.5 SHAFT: 5/8
ADJ: MAX. FIXED:

FAN NAMEPLATE DATA:

MFG: CARRIER
MODEL: 50 TFQ 012 501GA
TYPE:
SIZE:

SHEAVE DATA:

DIA: 4.1" SHAFT: 5/8"
BELTS: (1) A38
STARTER: SIZE:
HEATERS:

DATA ITEM	TEST 1	TEST 2	TEST 3
VOLTS	213	213	
AMPS	3.2	5.35	
BHP			
FAN RPM	1225	1442	
SP-		.38	
SP+		.65	
TSP ESP		1.03	
FILTER SP		.05	
CFM TOTAL	1240	1900	
CFM RA	900	1490	
CFM OA	340	410	

FAN DESIGN DATA: CFM: SP: RPM: BHP:

REMARKS:

TOTAL SYSTEM BALANCING



INDEPENDENT TEST & BALANCE - SACRA-

ITB JOB NO. 348

GEORGE J. SCHWARTZ
CALIFORNIA LICENSE #667571
8653 TIMBER COURT
ORANGEVALE CA 95662

SECTION 2 PAGE 3

OUTLET TEST DATA

LOCATION OFFICES

SYSTEM AC - 2

Room	OPENING			Factor	DESIGN		TEST 1		TEST 2		TEST 3	
	No.	Type	Size		FPM	CFM	FPM	CFM	FPM	CFM	FPM	CFM
	8	CD	8"	1.0	200	200	150	150	190	190		
	9	CD	8"	1.0	200	200	150	150	200	200		
	10	CD	8"	1.0	165	165	120	120	160	160		
	11	CD	8"	1.0	165	165	100	100	170	170		
	12	CD	12"	1.0	300	300	150	150	280	280		
	13	CD	10"	1.0	285	285	200	200	280	280		
	14	CD	10"	1.0	350	350	250	250	330	330		
	15	CD	6"	1.0	50	50	0	0	50	50		
	16	CD	6"	1.0	50	50	0	0	60	60		
	17	CD	6"	1.0	100	100	70	70	90	90		
	18	CD	6"	1.0	87	87	50	50	90	90		
						===		===		===		
						1852		1240		1900		
	R-4	CR	8"	1.0	285	285	200	200	260	260		
	R-5	CR	8"	1.0	285	285	150	150	270	270		
	R-6	CR	18"	1.0	992	992	550	550	960	960		
						===		===		===		
						1562		900		1490		

REMARKS:



GEORGE J. SCHWARTZ
CALIFORNIA LICENSE #667571
8663 TIMBER COURT
ORANGEVALE CA 95662

FAN AND OUTLET TEST DATA

LOCATION

OFFICES

SYSTEM AC-3

MOTOR NAMEPLATE DATA

MFG G. E. FR 56 Y
HP V 208 FLA 5.8
PH 1 SF 1.15 RPM 1725

SHEAVE DATA:

DIA 1VP3.5 SHAFT 5/8
ADJ MAX. FIXED

FAN NAMEPLATE DATA

MFG BRYANT
MODEL 581 BPV 072072 ADAA
TYPE
SIZE

SHEAVE DATA:

DIA 4.1" SHAFT 5/8

BELTS (1) A 38

STARTER
EATERS

DATA ITEM	TEST 1	TEST 2	TEST 3
VOLTS	213	213	
AMPS	3.2	5.3	
BHP			
FAN RPM	1221	1437	
SP-		.45	
SP+		.60	
TSP ESP		1.05	
FILTER SP		.05	
CFM TOTAL	1510	1940	
CFM RA	1200	1630	
CFM OA	310	310	

FAN DESIGN DATA

CFM TSP ESP RPM BHP

ROOM	OPENING			FACTOR	DESIGN		TEST 1		TEST 2		TEST 3	
	NO.	TYPE	SIZE		FPM	CFM	FPM	CFM	FPM	CFM	FPM	CFM
	19	CD	10"	1.0	285	285	220	220	280	280		
	20	CD	10"	1.0	285	285	220	220	280	280		
	21	CD	10"	1.0	285	285	220	220	270	270		
	22	CD	10"	1.0	285	285	220	220	280	280		
	23	CD	10"	1.0	285	285	220	220	280	280		
	24	CD	10"	1.0	285	285	210	210	280	280		
	25	CD	10"	1.0	285	285	200	200	270	270		
					===	===	===	===	===	===		
					1995		1510		1940			
	R-7	CR	20"	1.0	1600	1600	1200	1200	1630	1630		

REMARKS :

APPLICATION FOR COMMERCIAL BUILDING PERMIT

CITY OF SACRAMENTO
DEVELOPMENT SERVICES DIVISION
PERMIT SERVICES SECTION

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

ACTIVITY # 0007416	Insp. Area 1C
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Applicant **MUST** complete ALL Unshaded areas

ADDRESS 2012 K STREET, SACRAMENTO, CA Suite 2ND FLOOR
 PARCEL # 007-086-005 453271

<p style="text-align: center;">CONTACT</p> <p>Name <u>CRAIG STRADLEY</u> Street Address <u>2029 J STREET</u> City/State/Zip <u>SACRAMENTO, CA 95816</u> Phone <u>443-1033</u> FAX <u>443-7234</u> E-mail: <u>cstradley@mognot.com</u></p>	<p style="text-align: center;">LICENSED CONTRACTOR Lic No. # <u>WILL BE VERIFIED UPON PERMIT PICK UP.</u></p> <p>Name <u>MMC Construction</u> Address <u>600 Commerce Drive, Suite A</u> City/State/Zip <u>Roseville, CA 95678</u> Phone <u>786-8003</u> FAX _____ E-mail: _____</p>
<p style="text-align: center;">ARCHITECT/ENGINEER</p> <p>Name <u>SAME AS ABOVE</u> Address _____ City/State/Zip _____ Phone _____ FAX _____ E-mail: _____</p>	<p style="text-align: center;">OWNER</p> <p>Name <u>2012 K STREET PARTNERS</u> Address <u>2229 J St.</u> City/State/Zip <u>Sacramento, CA 95816</u> Phone <u>443-1033</u> FAX <u>443-7234</u> E-mail: _____</p>

→ Will permittee have any employees on the jobsite? No Yes → INSURANCE CO: _____
 → WORKER'S COMPENSATION POLICY # _____ EXPIRATION DATE: _____

NATURE OF WORK IN DETAIL: SEISMIC UPGRADE, NEW HVAC, NEW ELECTRICAL, AND NEW PLUMBING FOR EXISTING BUILDING, AND TENANT IMPROVEMENTS FOR OFFICE SPACE ON SECOND FLOOR EXT. FACADE

OCCUPANT/TENANT: MOGAVERO NOTESTINE ASSOCIATES VALUATION: \$ 360,000

FLOOD STATUS:				S.C.A.T.						
JOB DESCRIPTION		BLDG	SHELL	APT	TI ()	REM (X)	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	
<u>2</u>		<u>6400</u>		<u>M B</u> <u>V-1</u>	<u>V</u>	<u>(N)</u>		<u>15</u>	[H]	[Quad]
						S		D	PW	UTIL
B	L	P	M	E	F			<u>VLL</u>		

COMMENTS: _____
LAZ000009

REGIONAL SANITATION FEES? Yes No HEALTH DEPARTMENT? Yes No
 WATER FLOW TEST FOR NEW BUILDINGS OR ADDITIONS? N/A Provided Faxed

Date of Request: _____
By: _____

**CITY OF SACRAMENTO DEVELOPMENT SERVICES DIVISION
PLANNING AND ZONING INFORMATION REQUEST**

Project
Address: 2012 K STREET

Assessor's Parcel Number: 007-086-005

Previous Use: _____

Description of Request/Proposed Use: _____

Is This a Change of Use? _____

Zoning Designation: _____

Prior Applications for Project Site(P#, Z#, DRPB#): _____

Comments: See DR 00-049

conditions

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: Judith C. Lopez 30 JUN 00

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

MICROFILM AFTER FINAL

MEMORANDUM

SACRAMENTO FIRE DEPARTMENT

TO: BUILDING DEPARTMENT

DATE: March 8, 2001

FROM: Troy Malaspino
Fire Marshal

SUBJECT: FIRE SYSTEM INSPECTION

A final inspection of the newly installed fire system at:

2012 K Street

Has been conducted by Inspector

Rosemary Robles

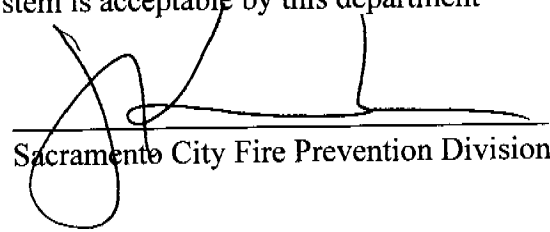
On 02/26/01

00-07416
Permit Number

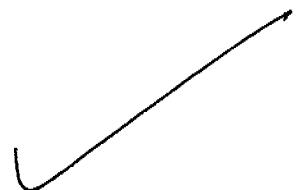
6,400
Square Footage

TI
Type of Inspection

The system is acceptable by this department

By: 
Sacramento City Fire Prevention Division

TI-893
F.D. Reference Number



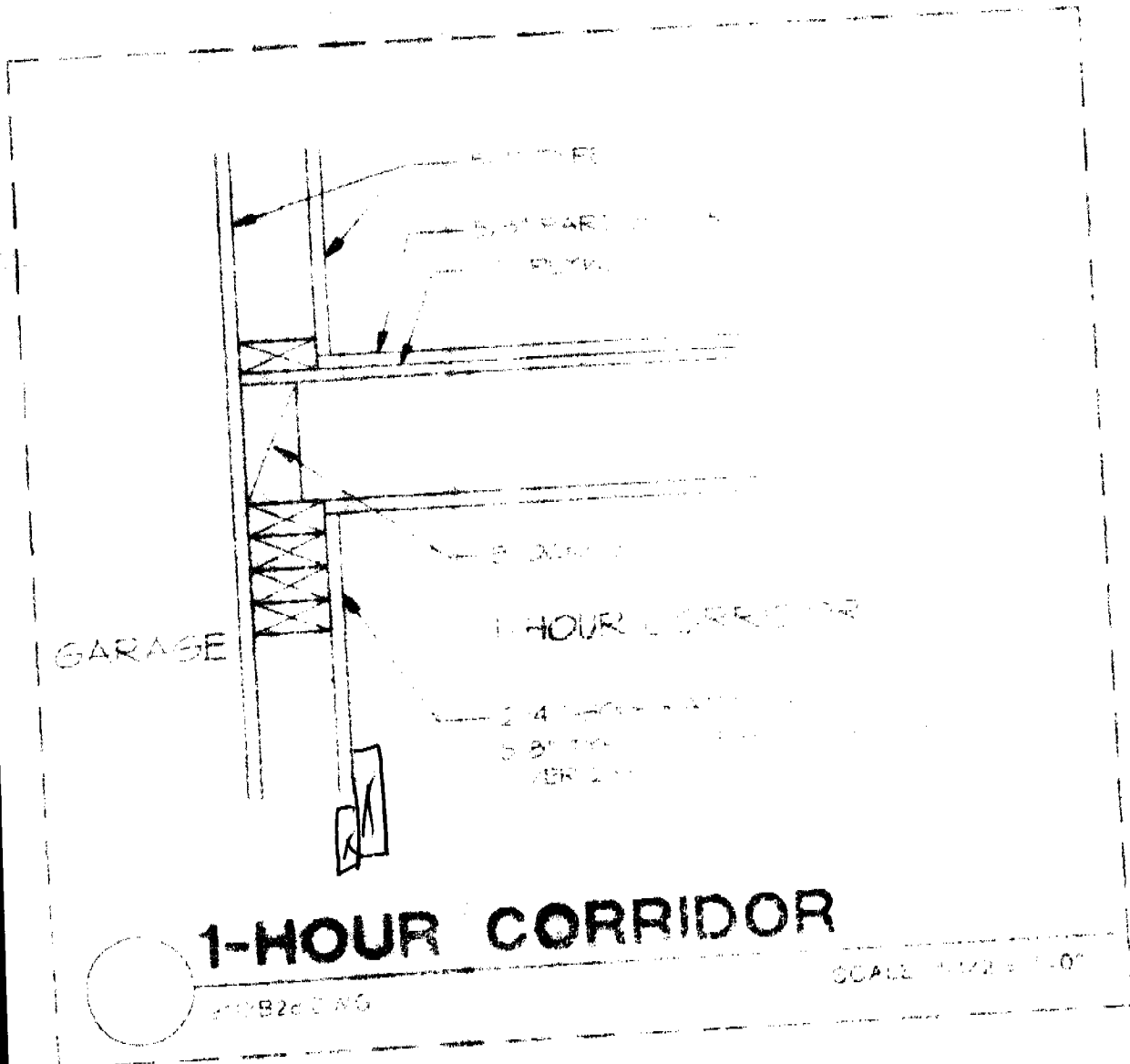
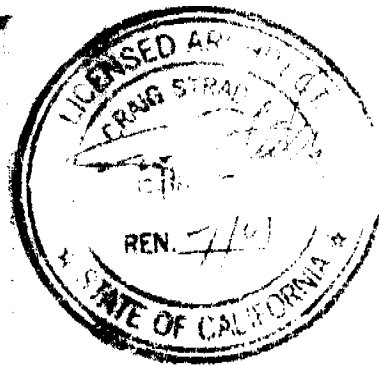


TABLE 7-C—MINIMUM PROTECTION FOR FLOOR AND ROOF SYSTEMS^{2,1} (Continued)

FLOOR OR ROOF CONSTRUCTION	ITEM NUMBER	CEILING CONSTRUCTION	THICKNESS OF FLOOR OR ROOF SLAB (Inches)				MINIMUM THICKNESS OF CEILING (Inches)					
			× 25.4 for mm									
			4 Hr.	3 Hr.	2 Hr.	1 Hr.	4 Hr.	3 Hr.	2 Hr.	1 Hr.		
13. Double wood floor over wood joists spaced 16" (406 mm) on center. ^{13,14} (cont.)	13-1.4	1/2" (12.7 mm) Type X gypsum wallboard ³ nailed to joists with 5d cooler ¹⁵ or wallboard ¹⁵ nails at 6" (152 mm) on center. End joints of wallboard centered on joists.										1/2
14. Plywood stressed skin panels consisting of 5/8" (15.9 mm) thick interior C-D (exterior glue) top stressed skin on 2" by 6" (51 mm by 152 mm) nominal (minimum) stringers. Adjacent panel edges joined with 8d common wire nails spaced 6" (152 mm) on center. Stringers spaced 12" (305 mm) maximum on center.	14-1.1	1/2"-thick (12.7 mm) wood fiberboard weighing 15 to 18 pounds per cubic foot (240 to 288 kg/m ³) installed with long dimension parallel to stringers or 3/8" (9.5 mm) C-D (exterior glue) plywood glued and/or nailed to stringers. Nailing to be with 5d cooler ¹⁵ or wallboard ¹⁵ nails at 12" (305 mm) on center. Second layer of 1/2" (12.7 mm) Type X gypsum wallboard ³ applied with long dimension perpendicular to joists and attached with 8d cooler ¹⁵ or wallboard ¹⁵ nails at 6" (152 mm) on center at end joints and 8" (203 mm) on center elsewhere. Wallboard joints staggered with respect to fiberboard joints.										1
15. Vermiculite concrete slab proportioned 1:4 (portland cement to vermiculite aggregate) on a 1 1/2"-deep (38 mm) steel deck supported on individually protected steel framing. Maximum span of deck 6' 10" (2083 mm) where deck is less than 0.019 inch (0.48 mm) (No. 26 carbon steel sheet gage) and 8' 0" (2438 mm) where deck is 0.019 inch (0.48 mm) (No. 26 carbon steel sheet gage) or greater. Slab reinforced with 4" by 8" (102 mm by 203 mm) 0.109/0.083 inch (0.277/0.211 mm) (No. 12/14 B.W. gage) welded wire mesh.	15-1.1	None.					3 ¹⁰					
16. Perlite concrete slab proportioned 1:6 (portland cement to perlite aggregate) on a 1 1/4"-deep (32 mm) steel deck supported on individually protected steel framing. Slab reinforced with 4" by 8" (102 by 203 mm) 0.109/0.083 inch (0.277/0.211 mm) (No. 12/14 B.W. gage) welded wire mesh.	16-1.1	None.					3 1/2 ¹⁰					
17. Perlite concrete slab proportioned 1:6 (portland cement to perlite aggregate) on a 9/16"-deep (14 mm) steel deck supported by steel joists 4" (1219 mm) on center. Class A or B roof covering on top.	17-1.1	Perlite gypsum plaster on metal lath wire tied to 3/4" (19 mm) furring channels attached with 0.065 inch (1.65 mm) (No. 16 B.W. gage) wire ties to lower chord of joists.		2 ¹⁶	2 ¹⁶				7/8	3/4		

(Continued)

TABLE 7-C—MINIMUM PROTECTION FOR FLOOR AND ROOF SYSTEMS¹—(Continued)

FLOOR OR ROOF CONSTRUCTION	ITEM NUMBER	CONDITIONS OF JOINT	THICKNESS OF FLOOR OR ROOF SLAB (inches)		MINIMUM RESISTANCE OF CEILING (hours)					
			1 Hr	2 Hr	2 Hr	4 Hr	4 Hr	6 Hr	2 Hr	1 Hr
21. Wood joist, floor trusses and roof trusses spaced 24" (610 mm) o.c. with 1 1/2" (38 mm) wood structural panels with exterior glue applied at right angles to top of joint or truss with 8d nails. The wood structural panel thickness shall not be less than 1 1/2" (38 mm) nor less than required by Chapter 23.	1	When slabs are supported by wood joist walls and applied at right angles to top of truss, 3/4" (19 mm) thick with 1/2" (13 mm) gaps between. Wood wall studs 4" (102 mm) o.c. with 8d nails. 2x8 floor joists spaced 24" (610 mm) o.c. with exterior glue applied at right angles to top of truss with 8d nails. When applied to wood joist walls and roof trusses, 1 1/2" (38 mm) nominal diameter studs and minimum 1 1/2" (38 mm) o.c. joists. When applied to wood joist walls and roof trusses, 2x8 floor joists and minimum 1 1/2" (38 mm) o.c. joists. When applied to wood joist walls and roof trusses, 2x8 floor joists and minimum 1 1/2" (38 mm) o.c. joists.			Values					

¹General fire resistance ratings (shown in Chapter 7 and in Table 7-A) are based on the test results from tests in accordance with Design Manual for Fire Resistant Construction, dated April 1988, as published by the Gypsum Association and the American Institute of Architects.

²Staples with equivalent holding power and placement spacing to those of nails for attachment to wood framing.

³When the slab is in an unrestrained condition, minimum thickness of slab shall be less than 1 1/4 inches (31 mm) for four-hour (five-course aggregate) and 1 3/8 inches (32 mm) for four- and three-hour (three-course aggregate) construction.

⁴For all of the construction with gypsum wallboard, the gypsum wallboard shall be applied to the steel plate of the steel joist, the steel joist shall be protected with gypsum wallboard, provided attachment to the steel joist is made by means of the following: (a) a minimum of one layer of 5/8-inch (16 mm) thick gypsum wallboard attached to the steel joist and (b) a minimum of two layers of 5/8-inch (16 mm) thick gypsum wallboard attached to the steel joist and the exterior wall.

⁵Slab thickness over steel joist units shall be measured to the top of the slab above the steel joist unit.

⁶(a) The maximum allowable straw level shall not exceed 20 percent (0.20) of the total depth (2.0 MPa).
 (b) The allowable stress for K-Series joists shall not exceed 17.7 MPa; the nominal depth of joist joist shall not be less than 10 inches (254 mm) and the nominal joist weight shall not be less than 8 pounds per linear foot (11.9 kg/m).

⁷Cement plaster with 15 pounds (6.8 kg) of hydrated lime and 1 pound (0.45 kg) of approved additives or admixtures per bag of cement.

⁸Gypsum wallboard ceilings attached to steel framing may be suspended from 1 1/2-inch (38 mm) rigid-formed carrying channels spaced 48 inches (1219 mm) on center, which are suspended with No. 8 SWG galvanized wire hangers spaced 24 inches (610 mm) on center. Cross-furring channels are tied to the carrying channels with No. 18 SWG galvanized wire hangers spaced 24 inches (610 mm) on center. This alternative is also applicable to those steel framing assemblies recognized under this code.

⁹Six-inch (152 mm) hollow clay tile with 1/2-inch (13 mm) nominal wall thickness.

¹⁰Four-inch (102 mm) hollow clay tile with 1/2-inch (13 mm) nominal wall thickness.

¹¹Thickness measured to bottom of steel joist units.

¹²Five-eighths inch (15.9 mm) of vermiculite gypsum plaster plus 1/8-inch (3 mm) of approved vermiculite acoustical plaster.

¹³Furring channels spaced 12 inches (305 mm) on center.

¹⁴Double wood floor may be either of the following:
 (a) Subfloor of 1-inch (25 mm) nominal boarding, a layer of 1/2-inch (13 mm) nominal sheathing and less than 10 pounds per 100 square feet (0.7 kg/m²) and a layer of 1/2-inch (13 mm) nominal tongue and groove finish flooring.
 (b) Subfloor of 1-inch (25 mm) nominal tongue and groove finish flooring with 2x4 joists spaced 16 inches (406 mm) on center, each with a layer of 1/2-inch (13 mm) nominal tongue and groove finish flooring and a layer of 1/2-inch (13 mm) nominal sheathing and finish flooring or a layer of Type I Grade M-1 particleboard not less than 5/8 inch (15.9 mm) thick.

¹⁵The ceiling may be omitted over unhabitable space, and flooring may be applied over unhabitable space floors above.

¹⁶For properties of cooler or wallboard nails, see approved manufacturer's data sheets.

¹⁷Thickness measured on top of steel deck unit.

TABLE 7-D—PRECONDITIONING CYCLES FOR FIRE-RESISTIVE JOINT SYSTEMS

TYPE OF JOINT SYSTEM	NUMBER OF CYCLES
Expansion/contraction	500
Seismic	100
Wind sway	500



**WALLACE - KUHL
& ASSOCIATES INC.**

November 15, 2004

Geotechnical Engineering
Engineering Geology
Environmental Consulting
Remediation Services
Construction Inspection
Materials Testing

Mr. Craig Stradley
Mogavero Notestine Associates
2229 J Street
Sacramento, California 95816

Special Inspection Final Report
MNA OFFICE BUILDING RETROFIT
2012 K Street
Permit No. 0007416
WKA No. 4627.01

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

Shotcrete: Inspected placement of reinforcing steel and shotcrete for south wall. Verified removal of rebound by compressed air and that shotcrete properly encapsulated reinforcing steel. Obtained representative test panels for coring for compression testing.

Concrete: Inspected placement of reinforcing steel and concrete for grade beams, columns, elevator footings, lintel beam and slab infills. Obtained concrete samples for laboratory compressive strength testing and performed slump tests.

Structural

Steel: Performed field welding inspection of brace frames. Monitored contractor compliance with Welding Procedure Specifications (WPS). Checked welder certification records.

**Epoxy
dowel:**

Verified correct installation of epoxied dowels for parapet wall extension and elevator shaft bolts (Ref. 10/S3.2) per manufacturer's instructions and the project plans.

**Tension Proof
Load Tests:**

Performed tension proof load tests on wall straps. Results previously reported.

Torque Tests:

Performed torque tests on 5/8" wedge anchors at roof line rafters. Results previously reported.

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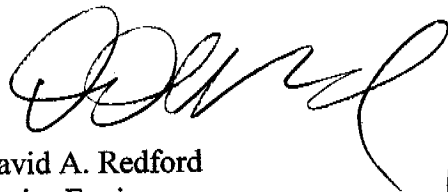
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MNA OFFICE BUILDING RETROFIT
WKA No. 4627.01
November 15, 2004
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Last date on jobsite: January 24, 2001

Please contact our office if you have any questions regarding this information.

Wallace - Kuhl & Associates, Inc.



David A. Redford
Senior Engineer



DAR:mlo

cc: City of Sacramento
Point 2 Structural Engineers



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Geotechnical Engineering
Engineering Geology
Environmental Consulting
Remediation Services
Construction Inspection
Materials Testing

November 16, 2004

Mr. Craig Stradley
Mogavero Notestine Associates
2229 J Street
Sacramento, California 95816

Special Inspection Final Report
MNA OFFICE BUILDING ELEVATOR
2012 K Street
Permit No. 0400326
WKA No. 5850.77

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


**Epoxy
dowel:** Verified installation of epoxied allthread anchors for tube steel framing in the elevator shaft per manufacturers instructions and the project plans.

**Structural
Steel:** Performed field welding inspection of angle iron to tube steel framing in the elevator shaft. Monitored contractor compliance with Welding Procedure Specifications (WPS). Checked welder certification records.

Last date on jobsite: May 27, 2004

Please contact our office if you have any questions regarding this information.

Wallace - Kuhl & Associates, Inc.


David A. Redford
Senior Engineer



DAR:mlo

cc: City of Sacramento

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