

CITY OF SACRAMENTO  
1231 I Street, Sacramento, CA 95814

Permit No: 0304553  
Insp Area: 3  
Thos Bros: 317 E2

Site Address: 3801 WEST PACIFIC AV SAC  
Parcel No: 019-0033-029

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

**CONTRACTOR**  
BROCCHINI CHRISTOPHER  
P.O. BOX 163411  
SACRAMENTO, CA 95816

**OWNER**  
CAMPUS PLAZA ASSOCIATES  
PO BOX 163411  
SACRAMENTO CA 95816

**ARCHITECT**

Nature of Work: NEW 4,975 SF WAREHOUSE

**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 549805 Date 12/19/03 Contractor Signature Chris Brochini

**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.)

PAID

I, as owner of the property, am exclusively contracting with licensed contractor 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).

CITY OF SACRAMENTO

DEC 19 2003

I am exempt under Sec. \_\_\_\_\_ B & PC for the reason: NORTH PERMIT

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 12/19/03 Applicant/Agent Signature Chris Brochini

**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 VILLANOVA INSURANCE CO Policy Number WC1165174 Exp Date 06/01/2004

(This section need not be completed if the permit is for \$100 or less) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date 12/19/03 Applicant Signature Chris Brochini

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.

# Rush Mechanical

*Heating & Air Conditioning*

3421 Windsor Drive, Sacramento, CA 95864 \* (916) 486-0517 \* Fax (916) 488-7291  
License # 441882

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## Air Balance Report

For:  
3801 A West Pacific Street  
Sacramento, CA

*Microfilm*

Test Date: 3/4/05

Test Type; AIR BALANCE

BY  
*Ray Rush*

Ray Rush

For

**RUSH MECHANICAL**

## **TABLE OF CONTENTS**

<b>SECTION</b>	<b>DESCRIPTION</b>
<b>1</b>	<b>Remarks concerning balance procedures</b>
<b>2</b>	<b>Data Sheets</b>
<b>3</b>	<b>Location Drawings</b>

## **SECTION 1**

**EQUIPMENT: Frigidaire 4 ton Roof mount package  
Heat and AC**

- 1. The total air delivery of equipment was established by outlet total.**
- 2. The schematics located in the data sheets are keyed to the  
Corresponding fan and outlet test sheets.**
- 3. Measurements performed with ALNOR Model 634593132  
Flowhood**
- 4. Symbol Sheet follows this page.**

## SYMBOL SHEET

CFM	Cubic Feet Per Minute
FPM	Feet Per Minute
SP	Static Pressure
SA	Supply Air
RA	Return Air
OSA	Outside Air
EA	Exhaust Air
ChW	Chilled Water
CW	Condensed Water
HW	Hot Water
CD	Ceiling Diffuser
SAR	Supply Air Register
SWR	Side Wall Register
CR	Ceiling Return ( Plenum Ceiling )
RR	Return Register
AD	Access Door
MVD	Manual Volume Damper
BV	Balance Valve
GV	Gate Valve
GLV	Globe Valve
NA	Not Accessible
OBD	Opposed Blade Damper
EWT	Entering Water Temperature
LWT	Leaving Water Temperature
EAT	Entering Air Temperature
LAT	Leaving Air Temperature
DB	Dry Bulb
WB	Wet Bulb
UA	Unconditioned Area

**SECTION 2**

**DATA SHEETS**

## FAN & OUTLET TEST DATA

**Location; 3801-A W. Pacific St., Sacramento, CA**  
**System; 1**

Motor Data	Data Item	Design	Test 1	Test 2
Mfg. GE	Volts	230	230	
Hp. 3/4	Amps	4.0	4.0	
Ph 1	RPM	1075	1075	
Sheave Data	SP	.5	.5	
Dia	Filter SP	NA		
Belt	CFM Total	1600	1600	
Direct Drive <input type="checkbox"/>	CFM RA	NA	1280	
	CFM OA	320	320	

Opening				Design	Test 1	Test 2	
Room	No.	Type	Size	factor	CFM	CFM	CFM
1	1	SAR	14 X 14	1.0	380	380	380
	2	SAR	14 X 14	1.0	380	380	380
	3	SAR	14 X 14	1.0	300	300	300
	4	SAR	14 X 14	1.0	270	270	270
2	5	SAR	14 X 14	1.0	270	270	270
	6	RA	14 X 24	1.0	730	730	730
2	7	RA	14X24	1.0	550	550	550

**Remarks: Test 1 initial no adjustments. Test 2 after balance adjust.**

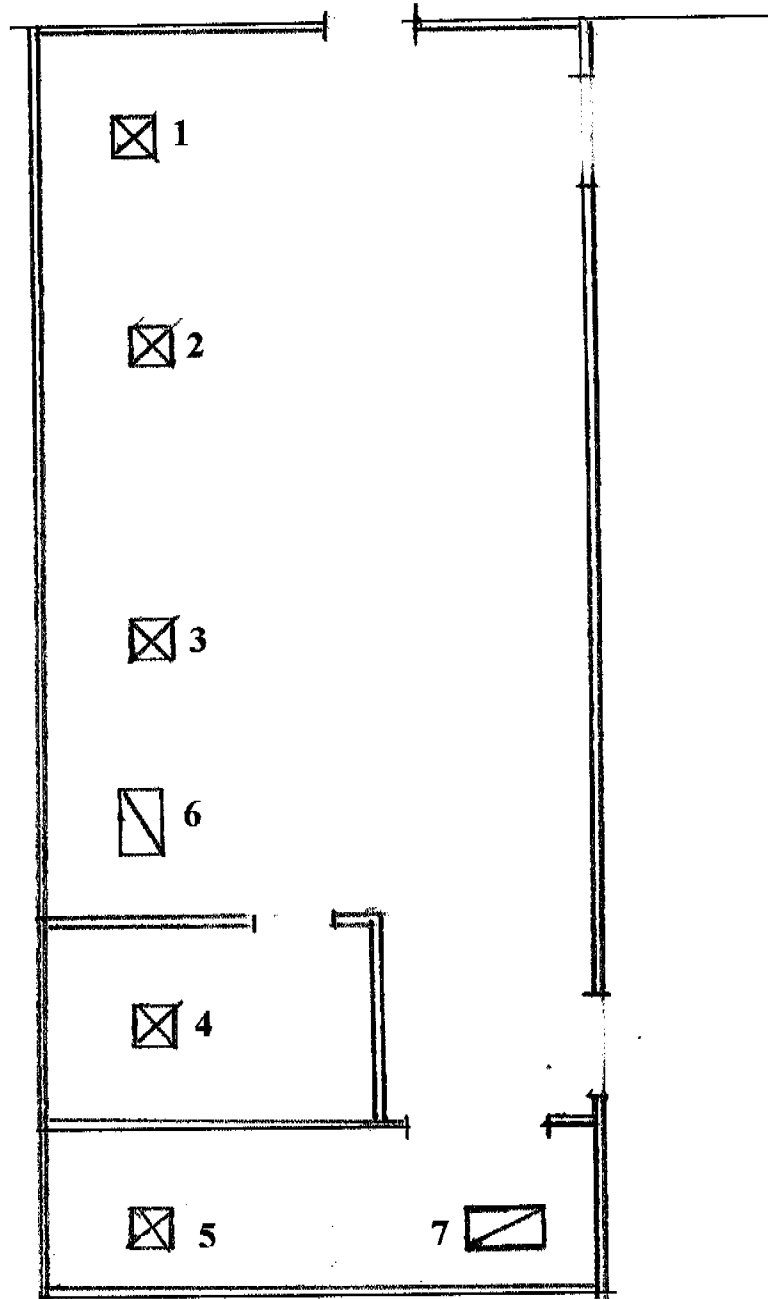
**SECTION 3**

**DIAGRAMS**



DIAGRAM FOR LOCATION ONLY, NOT TO SCALE

Parking lot



# 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 #

0304553

Insp. Area

3

Applicant **MUST** complete ALL Unshaded areas

ADDRESS 3801 WEST PACIFIC AVENUE Suite A AND B

PARCEL # 019-0033-029

**CONTACT**  
 Name CHRIS BROCCHIWI  
 Street Address P.O. BOX 163411  
 City/State/Zip SACRAMENTO, CA 95816  
 Phone 916 492 2200 FAX 916 492-290  
 E-mail: CRBRO@PACBEL.NET

**LICENSED CONTRACTOR** Lic No. # 549805  
 Name SAME AS CONTACT  
 Address \_\_\_\_\_  
 City/State/Zip \_\_\_\_\_  
 Phone \_\_\_\_\_ FAX \_\_\_\_\_  
 E-mail: \_\_\_\_\_

**ARCHITECT/ENGINEER** CIVIL  
 Name CHRIS OLIVEIRA PERBODY ENGINEERING  
 Address 24988 BLUE RAIN RD 1700 ALHAMBRA #102  
 City/State/Zip SACRAMENTO, CA 95816  
 Phone Folsom, CA 95630 FAX 731-8088 phone  
 E-mail: 835-6073 phone 733-4731 fax 731-8089 fax

**OWNER**  
 Name SAME AS CONTACT  
 Address \_\_\_\_\_  
 City/State/Zip \_\_\_\_\_  
 Phone \_\_\_\_\_ FAX \_\_\_\_\_  
 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: CONSTRUCT A 4,975 SQUARE FOOT CMU WAREHOUSE BUILDING

OCCUPANT/TENANT: OWNER OCCUPY 1/2 1/2 SPEC SPACE VALUATION: \$ 134,225.50

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		Vio. File	
# Stories	1st flr Area	Total Area	Use Zone	Occp Group	Const type	Fire Req. Y / N		Fed Code	Vio. (H)	File (Quad)
						SPR	ALARM			
(B)	(L)	(P)	(M)	(E)	(F)	(S)	(S)	(D)	(PW)	(UTIL)

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

REGIONAL SANITATION FEES?  Yes  No HEALTH DEPARTMENT?  Yes  No

WATER FLOW TEST FOR NEW BUILDINGS OR ADDITIONS?  Provided  Faxed

**Certification of Compliance**  
School District Development

**Part I - To be completed by the APPLICANT**

Owner's Name/Address Campus Plaza Associates / P.O. Box 163411, Sacto, CA 95816  
Project Address 3801 West Pacific Avenue, Sacto, CA 95820  
Parcel Number 17-033-074 Lot No. \_\_\_\_\_  
Subdivision Name \_\_\_\_\_ No. of Units \_\_\_\_\_  
Applicant's Signature Chris Budimini Title \_\_\_\_\_  
Phone No. (916) 492-2200 Date 10-8-03

**Notice to Applicant:** Pursuant to Government Code Section 66020(d), this will serve to notify you that the 90-day approval period in which you may protest the fees or other payment identified above will begin to run on the date in which the building or installation permit for this project is issued or on which they are paid to the district(s) or to another public entity authorized to collect them on behalf of the district(s), whichever is earlier.

**Part II - To be completed by the BUILDING DEPARTMENT**

Plan Identification Number 20000  
Building Type (check one)  Residential  Apartment/Condominium  Commercial/Industrial  
Square Feet of Chargeable Building Area \_\_\_\_\_  
Signature/Title [Signature] Date \_\_\_\_\_

**Part III - To be completed by the SCHOOL DISTRICT**

School District UCSD Certificate No. 7808  
 Exempt Comments \_\_\_\_\_  
Residential/Apartment/etc. \_\_\_\_\_ Square ft. x \$ \_\_\_\_\_ = \$ \_\_\_\_\_  
Commercial/Industrial 4975 Square ft. x \$ 4 = \$ 1,691.50  
Total fees collected..... = \$ 1,691.50

*This certification covers only the amount of square footage indicated above. Any additions or corrections to the square footage for this project will require an amendment to the Certificate of Compliance.*

*As the authorized school official, I hereby certify that the requirements of Government Code Section 65995 and any other authorized requirements have been complied with by the above signed applicant.*

Signature [Signature] Date 10/9/03

*White & Canary - School District • Pink - Building Department • Goldenrod - Applicant*

MICROFILM AT FINAL

**Chris Oliveira and Assoc.**

24988 Blue Ravine Rd  
Suite 108-127  
Folsom, CA 95630  
(916) 835-6073  
(916) 933-4731 (fax)

rce33407-CA  
22119-AZ  
07595-NV  
2202-UT  
35908-WA

Dec. 23, 2004

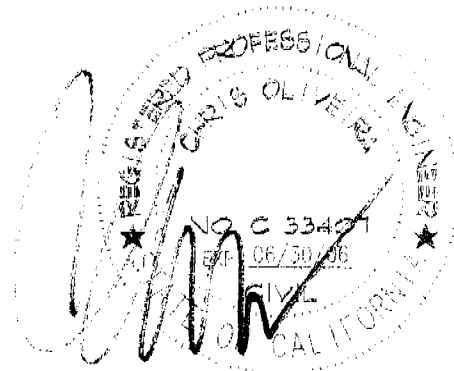
City of West Sacramento

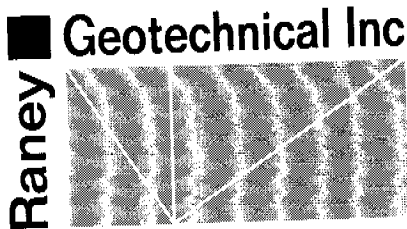
Building Department

Subject: Brochini Office Building

The straps on the roof were installed with .142 nails in lieu of the .168 nails called for on the plans. The force at the straps is 2764 (page 20 of the approved calcs). The capacity of the actual strap used at the wall connection is 4845 (ICBO 5033). There are 26 nails in the strap which is good for 78 lbs \* 1.25 for the strap \* 1.33 LDF \* 26 nails which equals 3371. The capacity of the strap is greater than the force. At the cross ties, the actual strap used is good for 6515 (ICBO 2894) and there is actually 34 nails used on each side of the splice. So by comparison the strap resists the design force used. In both cases, the installation is acceptable as constructed.

Chris Oliveira





March 11, 2005

Chris Brocchini  
P.O. Box 163411  
Sacramento, California 95816

**SUMMARY REPORT  
CONSTRUCTION OBSERVATION AND TESTING SERVICES  
BROCCHINI WAREHOUSE**  
3801 West Pacific Avenue  
Sacramento, California  
Reference No. 011-998.01  
Permit No. 0304553

## **INTRODUCTION**

In accordance with your request, we have performed construction observation and testing services for the subject project. The project included construction of an approximate 5,000 square foot concrete masonry building with a concrete slab-on-grade floor. Our construction testing and observations were performed between September 7 and December 6, 2004. Our firm prepared a Foundation Investigation for the project dated December 12, 2002.<sup>1</sup> This letter summarizes the results of our construction observation and testing.

## **EARTHWORK OBSERVATION AND TESTING**

### ***Building Pad Construction***

Following general site clearance, existing loose fill materials present to depths of approximately two feet were overexcavated and replaced with engineered fill. Engineered fill was placed in level lifts, moisture conditioned where necessary and mechanically compacted. Building pad areas appeared stable under earthwork equipment during and following earthwork construction.

### ***Foundation Excavation Observation***

Our representative observed all building foundation excavations prior to foundation concrete placement. All foundation excavations engaged suitable bearing materials in accord with the recommendations of our referenced report. Foundations appeared to meet or exceed minimum specified dimensions and were clean at the time of our observation.

<sup>1</sup> Raney Geotechnical Inc.; "Foundation Investigation, Brocchini Warehouse, 3801 West Pacific Avenue, Sacramento, California"; Job No. 011-998; December 12, 2002.

### ***Field Density Testing***

Our representative performed field density tests on building pad soils in accordance with ASTM Test Designations D2922 and D3017 (Nuclear Probe Method). Our test data indicate that the building pad soils were compacted to a minimum of 90 percent of the laboratory determined maximum dry density.

### ***Laboratory Compaction Testing***

We performed a laboratory compaction tests on a representative sample of the building pad soils in accordance with ASTM Test Designation D1557. The material tested was a brown gravelly sandy silt having a maximum dry density of 124 pounds per cubic foot and an optimum moisture content of 10.2 percent.

## **CONCRETE MASONRY CONSTRUCTION**

### ***Reinforcing Steel and Grout Placement***

Prior to grout placement our representative observed concrete masonry reinforcing steel placement. Reinforcing steel appeared to be placed in accord with the project plans and specifications. Wall grout was mixed at the batch plant and appeared to be thoroughly mixed and flowable at the time of placement. Grout was generally placed in numerous lifts. Grout lifts were completed without significant interruptions.

### ***Mortar and Grout Testing***

Our representative fabricated mortar test specimens in accord with ASTM Test Method C780, Field Test Specimens for Mortar, and Uniform Building Code (UBC) Standard No. 21-16. Grout prisms were fabricated in accord with ASTM Test Method C1019, Method of Sampling and Testing Grout, and UBC Standard No. 21-18. The test specimens were delivered to our laboratory for unconfined compressive strength testing. The specimens were tested at 7- and 28-day intervals in accord with ASTM Test Designation C39. Attached are copies of mortar and grout compressive strength test results.

## **STRUCTURAL STEEL CONSTRUCTION**

### ***Shop Welding Observations***

Our representative observed structural shop welding for columns. We observed welding materials and workmanship; materials and workmanship appeared to comply with project specifications, industry standards and provisions of the American Welding Society.


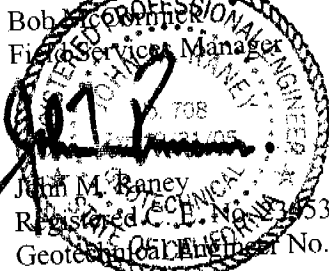
### SUMMARY AND LIMITATIONS

Our test data and observations indicate that the described construction observed by this company has, to the best of our knowledge, been performed in accord with sound engineering practice, the project plans, and our referenced report. Horizontal and vertical limits of the described work were determined by others. We cannot guarantee construction, nor should our work or this letter be construed as relieving the contractors from their primary responsibility to conform to contractual agreements and sound engineering practice.

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

Very truly yours,

**RANEY GEOTECHNICAL, INC.**

  
Bob J. Corwin  
Field Service Manager  
  
John M. Raney  
Registered Professional Engineer No. 708  
Geotechnical Engineering

Attachments: Compressive Strength Reports

(2) Addressee

BM/JMR/cjh

# Compressive Strength Report

ASTM METHOD: C-780

Chris Brocchini  
PO Box 163411  
Sacramento, CA 95816

**SAMPLE ID:** 04-02189  
**PROJECT:** 011-998.01  
Brocchini Warehouse  
3801 West Pacific Avenue

## SAMPLE DATA

<b>DATE SAMPLED:</b>	10/21/2004	<b>TICKET #:</b>	
<b>MATERIAL TYPE:</b>	Mortar	<b>MIX DESIGN:</b>	
<b>SAMPLED BY:</b>	Chris B.	<b>SLUMP:</b>	inches
<b>SPEC. STRENGTH:</b>	2000 psi	<b>AIR TEMP:</b>	49 Degrees F
<b>SUPPLIER:</b>		<b>MIX TEMP:</b>	50 Degrees F
		<b>AIR ENTRAINMENT:</b>	
<b>LOCATION:</b>	North CMU Wall		

## STRENGTH RESULTS

SAMPLE	AGE(days)	ULTIMATE LOAD(lbs.)	Dia (in)	AREA(in)	BREAK DATE	Corr.	STRENGTH (psi)
A	7	6750	2	3.14	10/28/2004		2150
B	28	11600	2	3.14	11/18/2004		3690
C	28	12330	2	3.14	11/18/2004		3930

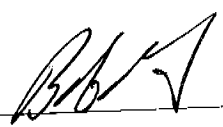
- Meets 28 day strength requirement
- Does not meet 28 day strength requirement
- No strength requirement given

Specimens are free from defects and fractures are of a typical nature unless otherwise noted below.

Notes:

CC:

Chris Oliveira & Associates, Chris Olivera

Reviewed By: 



# Compressive Strength Report

ASTM METHOD: C-780

Chris Brocchini  
PO Box 163411  
Sacramento, CA 95816

SAMPLE ID: 04-02222  
PROJECT: 011-998.01  
Brocchini Warehouse  
3801 West Pacific Avenue

## SAMPLE DATA

DATE SAMPLED: 10/22/2004  
MATERIAL TYPE: Mortar  
SAMPLED BY: Chris B.  
SPEC. STRENGTH: 2000 psi  
SUPPLIER:

TICKET #:  
MIX DESIGN: 2000  
SLUMP: inches  
AIR TEMP: 58 Degrees F  
MIX TEMP: 52 Degrees F

AIR ENTRAINMENT:

LOCATION: CMU Wall

## STRENGTH RESULTS

SAMPLE	AGE(days)	ULTIMATE LOAD(lbs.)	Dia (in)	AREA(in)	BREAK DATE	Corr:	STRENGTH (psi)
A	7	6350	2	3.14	10/29/2004		2020
B	28	10810	2	3.14	11/19/2004		3440
C	28	10440	2	3.14	11/19/2004		3320

- Meets 28 day strength requirement
- Does not meet 28 day strength requirement
- No strength requirement given

Specimens are free from defects and fractures are of a typical nature unless otherwise noted below.

Notes:

CC:

Chris Oliveira & Associates

Reviewed By: \_\_\_\_\_



# Compressive Strength Report

ASTM METHOD: C-1019

Chris Brocchini  
PO Box 163411  
Sacramento, CA 95816

SAMPLE ID: 04-02233

PROJECT: 011-998.01

Brocchini Warehouse

3801 West Pacific Avenue

## SAMPLE DATA

DATE SAMPLED:	10/25/2004	TICKET #:	3268049
MATERIAL TYPE:	Grout	MIX DESIGN:	306041
SAMPLED BY:	Chris B.	SLUMP:	10 inches
SPEC. STRENGTH:	2000 psi	AIR TEMP:	49 Degrees F
SUPPLIER:	A & A Concrete	MIX TEMP:	67 Degrees F

AIR ENTRAINMENT:

LOCATION: Warehouse CMU Walls, 1st lift, Northwest Corner of Building

## STRENGTH RESULTS


SAMPLE	AGE(days)	ULTIMATE LOAD(lbs.)	Dia (in)	AREA(in)	BREAK DATE	Corr.	STRENGTH (psi)
A	7	27400	4	12.56	11/1/2004		2180
B	28	43880	4	12.56	11/22/2004		3490
C	28	41910	4	12.56	11/22/2004		3340

- Meets 28 day strength requirement  
 Does not meet 28 day strength requirement  
 No strength requirement given

Specimens are free from defects and fractures are of a typical nature unless otherwise noted below.

## Notes:

CC: A & A Concrete  
Chris Oliveira & Associates, Chris Olivera

Reviewed By: 

# Compressive Strength Report

ASTM METHOD: C-780

Chris Brocchini  
PO Box 163411  
Sacramento, CA 95816

SAMPLE ID: 04-02269

PROJECT: 011-998.01

Brocchini Warehouse

3801 West Pacific Avenue

## SAMPLE DATA

DATE SAMPLED:	10/27/2004	TICKET #:	
MATERIAL TYPE:	Mortar	MIX DESIGN:	Site Mix
SAMPLED BY:	Chris B.	SLUMP:	inches
SPEC. STRENGTH:	2000 psi	AIR TEMP:	53 Degrees F
SUPPLIER:		MIX TEMP:	56 Degrees F
		AIR ENTRAINMENT:	
LOCATION:	Warehouse Walls		

## STRENGTH RESULTS

SAMPLE	AGE(days)	ULTIMATE LOAD(lbs.)	Dia (in)	AREA(in)	BREAK DATE	Corr:	STRENGTH (psi)
A	7	6150	2	3.14	11/3/2004		1960
B	28	14470	2	3.14	11/24/2004		4610
C	28	14350	2	3.14	11/24/2004		4570

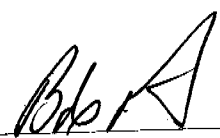
- Meets 28 day strength requirement
- Does not meet 28 day strength requirement
- No strength requirement given

Specimens are free from defects and fractures are of a typical nature unless otherwise noted below.

Notes:

CC:

Chris Oliveira & Associates, Chris Olivera

Reviewed By: 

# Compressive Strength Report

ASTM METHOD: C-1019

Chris Brocchini  
PO Box 163411  
Sacramento, CA 95816

**SAMPLE ID:** 04-02289

**PROJECT:** 011-998.01

Brocchini Warehouse

3801 West Pacific Avenue

## SAMPLE DATA

<b>DATE SAMPLED:</b>	10/29/2004	<b>TICKET #:</b>	3271253
<b>MATERIAL TYPE:</b>	Grout	<b>MIX DESIGN:</b>	306041
<b>SAMPLED BY:</b>	Chris B.	<b>SLUMP:</b>	10 inches
<b>SPEC. STRENGTH:</b>	2000 psi	<b>AIR TEMP:</b>	65 Degrees F
<b>SUPPLIER:</b>	A & A Concrete	<b>MIX TEMP:</b>	73 Degrees F
<b>AIR ENTRAINMENT:</b>			
<b>LOCATION:</b> Warehouse CMU Wall, North Side			

## STRENGTH RESULTS

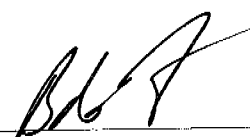
SAMPLE	AGE(days)	ULTIMATE LOAD(lbs.)	Dia (in)	AREA(in)	BREAK DATE	Corr:	STRENGTH (psi)
A	7	27160	4	12.56	11/5/2004		2160
B	28	36550	4	12.56	11/26/2004		2910
C	28	40410	4	12.56	11/26/2004		3220

- Meets 28 day strength requirement  
 Does not meet 28 day strength requirement  
 No strength requirement given

Specimens are free from defects and fractures are of a typical nature unless otherwise noted below.

### Notes:

CC: A & A Concrete  
Chris Oliveira & Associates, Chris Olivera

Reviewed By: 

# Compressive Strength Report

ASTM METHOD: C-1019

Chris Brocchini  
PO Box 163411  
Sacramento, CA 95816

**SAMPLE ID:** 04-02294

**PROJECT:** 011-998.01

Brocchini Warehouse

3801 West Pacific Avenue

## SAMPLE DATA

<b>DATE SAMPLED:</b>	11/2/2004	<b>TICKET #:</b>	3273577
<b>MATERIAL TYPE:</b>	Grout	<b>MIX DESIGN:</b>	306041
<b>SAMPLED BY:</b>	David F.	<b>SLUMP:</b>	8 inches
<b>SPEC. STRENGTH:</b>	2000 psi	<b>AIR TEMP:</b>	80 Degrees F
<b>SUPPLIER:</b>	A & A Concrete	<b>MIX TEMP:</b>	79 Degrees F
<b>AIR ENTRAINMENT:</b>			
<b>LOCATION:</b> CMU Wall, Line A2			

## STRENGTH RESULTS


SAMPLE	AGE(days)	ULTIMATE LOAD(lbs.)	Dia (in)	AREA(in)	BREAK DATE	Corr:	STRENGTH (psi)
A	7	12520	4	12.56	11/9/2004		1000
B	28	41940	4	12.56	11/30/2004		3340
C	28	43360	4	12.56	11/30/2004		3450

- Meets 28 day strength requirement
- Does not meet 28 day strength requirement
- No strength requirement given

Specimens are free from defects and fractures are of a typical nature unless otherwise noted below.

### Notes:

CC: A & A Concrete  
Chris Oliveira & Associates, Chris Olivera

Reviewed By: 

# Compressive Strength Report

ASTM METHOD: C-1019

Chris Brocchini  
PO Box 163411  
Sacramento, CA 95816

**SAMPLE ID:** 04-02323

**PROJECT:** 011-998.01

Brocchini Warehouse

3801 West Pacific Avenue

## SAMPLE DATA

<b>DATE SAMPLED:</b>	11/8/2004	<b>TICKET #:</b>	2852420
<b>MATERIAL TYPE:</b>	Grout	<b>MIX DESIGN:</b>	306041
<b>SAMPLED BY:</b>	David F.	<b>SLUMP:</b>	8 inches
<b>SPEC. STRENGTH:</b>	2000 psi	<b>AIR TEMP:</b>	60 Degrees F
<b>SUPPLIER:</b>	A & A Concrete	<b>MIX TEMP:</b>	69 Degrees F
<b>AIR ENTRAINMENT:</b>			
<b>LOCATION:</b> CMU Wall, North Wall, 4th Lift			

## STRENGTH RESULTS


SAMPLE	AGE(days)	ULTIMATE LOAD(lbs.)	Dia (in)	AREA(in)	BREAK DATE	Corr:	STRENGTH (psi)
A	7	23320	4	12.56	11/15/2004		1860
B	28	36840	4	12.56	12/6/2004		2930
C	28	34950	4	12.56	12/6/2004		2780

- Meets 28 day strength requirement  
 Does not meet 28 day strength requirement  
 No strength requirement given

Specimens are free from defects and fractures are of a typical nature unless otherwise noted below.

### Notes:

CC: A & A Concrete  
Chris Oliveira & Associates, Chris Olivera

Reviewed By: 

# Compressive Strength Report

ASTM METHOD: C-1019

Chris Brocchini  
PO Box 163411  
Sacramento, CA 95816

**SAMPLE ID:** 04-02346

**PROJECT:** 011-998.01

Brocchini Warehouse

3801 West Pacific Avenue

## SAMPLE DATA

<b>DATE SAMPLED:</b>	11/10/2004	<b>TICKET #:</b>	3280402
<b>MATERIAL TYPE:</b>	Grout	<b>MIX DESIGN:</b>	306041
<b>SAMPLED BY:</b>	Robert S.	<b>SLUMP:</b>	inches
<b>SPEC. STRENGTH:</b>	2000 psi	<b>AIR TEMP:</b>	62 Degrees F
<b>SUPPLIER:</b>	A & A Concrete	<b>MIX TEMP:</b>	68 Degrees F
<b>AIR ENTRAINMENT:</b>			
<b>LOCATION:</b>	CMU Wall		

## STRENGTH RESULTS

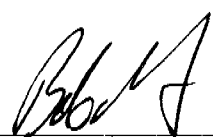
SAMPLE	AGE(days)	ULTIMATE LOAD(lbs.)	Dia (in)	AREA(in)	BREAK DATE	Corr	STRENGTH (psi)
A	7	19210	4	12.56	11/17/2004		1530
B	28	33370	4	12.56	12/8/2004		2660
C	28	31120	4	12.56	12/8/2004		2480

- Meets 28 day strength requirement
- Does not meet 28 day strength requirement
- No strength requirement given

Specimens are free from defects and fractures are of a typical nature unless otherwise noted below.

## Notes:

CC: A & A Concrete  
Chris Oliveira & Associates, Chris Olivera

Reviewed By: 

# Compressive Strength Report

ASTM METHOD: C-1019

Chris Brocchini  
PO Box 163411  
Sacramento, CA 95816

**SAMPLE ID:** 04-02463

**PROJECT:** 011-998.01

Brocchini Warehouse

3801 West Pacific Avenue

## SAMPLE DATA

<b>DATE SAMPLED:</b>	11/24/2004	<b>TICKET #:</b>	3292635
<b>MATERIAL TYPE:</b>	Grout	<b>MIX DESIGN:</b>	306041
<b>SAMPLED BY:</b>	Jim C.	<b>SLUMP:</b>	10 inches
<b>SPEC. STRENGTH:</b>	2000 psi	<b>AIR TEMP:</b>	60 Degrees F
<b>SUPPLIER:</b>	A & A Concrete	<b>MIX TEMP:</b>	65 Degrees F
<b>AIR ENTRAINMENT:</b>			
<b>LOCATION:</b> Front warehouse wall, North end			

## STRENGTH RESULTS


SAMPLE	AGE(days)	ULTIMATE LOAD(lbs.)	Dia (in)	AREA(in)	BREAK DATE	Corr:	STRENGTH (psi)
A	7	19150	4	12.56	12/1/2004		1520
B	28	32800	4	12.56	12/22/2004		2610
C	28	33980	4	12.56	12/22/2004		2710

- Meets 28 day strength requirement
- Does not meet 28 day strength requirement
- No strength requirement given

Specimens are free from defects and fractures are of a typical nature unless otherwise noted below.

## Notes:

CC: A & A Concrete  
Chris Oliveira & Associates, Chris Olivera

Reviewed By: 



# Compressive Strength Report

ASTM METHOD: C-1019

Chris Brocchini  
PO Box 163411  
Sacramento, CA 95816

**SAMPLE ID:** 04-02520

**PROJECT:** 011-998.01

Brocchini Warehouse

3801 West Pacific Avenue

## SAMPLE DATA

<b>DATE SAMPLED:</b>	12/1/2004	<b>TICKET #:</b>	3296014
<b>MATERIAL TYPE:</b>	Grout	<b>MIX DESIGN:</b>	306041
<b>SAMPLED BY:</b>	Chuck O.	<b>SLUMP:</b>	8 inches
<b>SPEC. STRENGTH:</b>	2000 psi	<b>AIR TEMP:</b>	65 Degrees F
<b>SUPPLIER:</b>	A & A Concrete	<b>MIX TEMP:</b>	69 Degrees F
<b>AIR ENTRAINMENT:</b>			
<b>LOCATION:</b>	CMU Wall, Northeast Corner		

## STRENGTH RESULTS

SAMPLE	AGE(days)	ULTIMATE LOAD(lbs.)	Dia (in)	AREA(in)	BREAK DATE	Corr:	STRENGTH (psi)
A	7	16470	4	12.56	12/8/2004		1310
B	28	30930	4	12.56	12/29/2004		2460
C	28	33820	4	12.56	12/29/2004		2690

- Meets 28 day strength requirement
- Does not meet 28 day strength requirement
- No strength requirement given

Specimens are free from defects and fractures are of a typical nature unless otherwise noted below.

## Notes:

CC: A & A Concrete  
Chris Oliveira & Associates, Chris Olivera

Reviewed By: 