

CITY OF SACRAMENTO
1231 I Street, Sacramento, CA 95814

Permit No: 0317296

Insp Area: 4

Thos Bros:

Sub-Type: NCOM

N

Site Address: 4180 TRUXEL RD SAC

Parcel No:

Housing (Y/N):

CONTRACTOR

PANATTONI CONSTRUCTION INC
8745 FOLSOM BL
SAC CA 95826

OWNER

PANATTONI DEVELOPMENT COMPANY
8401 JACKSON RD
SACTO, CA 95826

ARCHITECT

Nature of Work: SHELL BLDG. B, 12,496 SF

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 759899 Date 3/11/04 Contractor Signature ROD GOLDEN

OWNER-BUILDER DECLARATION: I hereby affirm under penalty of perjury that I am exempt from the contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code; any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law (Chapter 9 (commencing with Section 7000) of Division 8 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500.00);

_____, I, as a owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professional Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his/her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he/she did not build or improve for the purpose of sale.)

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

_____, I am exempt under Sec. _____ B & PC for this reason: _____

Date _____ Owner Signature _____

PAID
CITY OF SACRAMENTO

MAY 11 2004

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 3/11/04 Applicant/Agent Signature ROD GOLDEN

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 COMPENSATION INS FUND Policy Number 713-6577-002 Exp Date 10/01/2003

_____, (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 3/11/04 Applicant Signature ROD GOLDEN

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

CERTIFICATE OF COMPLIANCE

For Information Contact (916) 264-5716

Building Address:	<u>4180 TRUXEL RD BLD B</u>	Permit No.:	<u>0317296</u>
Building Use:	<u>BLD SHELL</u>	Occupancy:	<u>B</u>
Building Owner:	<u>PANATTONI DEVELOPMENT CO.</u>	Construction Type:	<u>VN</u>
Owner Address:	<u>SACRAMENTO, CA</u>	Sprinkled?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Area:	<u>12496</u>	Sq. Ft.	
Date	<u>9/16/04</u>	By: (Print)	<u>RON BEEHLER</u>
		Sign	
			INTERIM CHIEF BUILDING OFFICIAL

[Finaled By: CED,JBB,TK,CP,LH]

This Certificate, issued pursuant to the requirements of Section 109 of the Uniform Building Code, certifies that at time of issuance the described portion of the building has been inspected for compliance with the Uniform Building Code, as adopted per Title 15 of the Sacramento City Code for the group and division of occupancy and use for which the proposed occupancy is classified. Issuance of this certificate shall not be construed as an approval of a violation of any Codes, or Federal, State and City Laws or Ordinances. Certificates presuming to give authority to such violation shall not be valid. This certificate shall be posted in a conspicuous place on the premises and shall not be removed except by the Chief Building Official. No changes shall be made in the character of occupancy or use without approval of the Chief Building Official.

POST IN A CONSPICUOUS PLACE

2941 Sunrise Boulevard, Suite 105
Rancho Cordova, CA 95742
Phone: 916-859-7300
Fax: 916-859-7304
E-mail: atm@atmengineering.com

Timothy W. McPartland, SE3826
Amy Dale McPartland, CE46742

September 16, 2004

David Estrada
Panattoni Construction
8745 Folsom Blvd, Ste 150
Sacramento, CA 95826

Re: Natomas Crossing Buildings Addresses 4110, 4150, 4180, 4130, 4170, 4190 Truxel Road

Dear David:

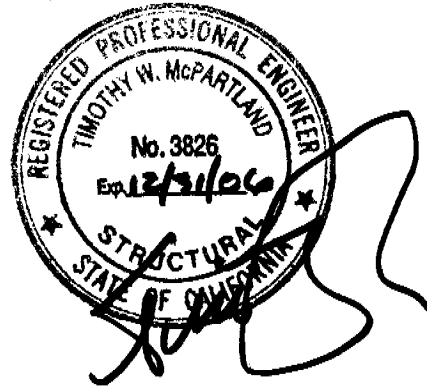
I am writing to confirm that there is no high strength bolting on the referenced buildings and therefore no required special inspection of such.

If you have any questions or comments regarding this, please call.

Sincerely,



Tim McPartland, SE





September 7, 2004

Panationi Construction, Inc.
Attention: Rod Gover
8745 Folsom Boulevard, Suite 150
Sacramento, CA 95826

FINAL REPORT
CONSTRUCTION OBSERVATION AND TESTING SERVICES
NATOMAS CROSSING - BUILDINGS A THROUGH F
4110, 4130, 4150, 4170, [redacted] and 4190 Truxel Road
Sacramento, California **4180 Truxel Rd**
Reference No. 192-197.01
Permit Nos. 0312955 [redacted] 0311317, 0317297, 0311314, 0317298

0317296

In accordance with your request, our firm has completed construction observation and testing services during building pad, foundation, floor slab, wall panel, welding and epoxy construction for the subject buildings. During construction, our firm performed *Special Inspection and Testing* in accordance with Sections 106 and 1701 of the Uniform Building Code. Our subject construction observations and testing were performed between October 15, 2003 and August 2, 2004. Our firm prepared a Geotechnical Investigation Report for the project dated January 16, 2003.¹ A summary letter addressing building pad construction was prepared on February 3, 2004 and a letter summarizing buildings J, K and L was prepared on March 22, 2004.^{2,3} This letter summarizes the results of our subsequent construction observation and testing.

Our observation and test results indicate that the following items for the referenced buildings were constructed, to the best of our knowledge, in accordance with the project plans, specifications, and our referenced report.

Earthwork: Observed and tested:
1) Building pads, including chemical treatment
2) Foundation excavations

Reinforcing Steel: Verified placement of reinforcing steel for:
1) Foundations

¹ Raney Geotechnical Inc.; "Geotechnical Investigation, Natomas Crossing - Allegheny Area 2, Truxel Road and Arena Boulevard, Sacramento, California"; Job No. 192-197; January 16, 2003

² Raney Geotechnical Inc.; "Final Report, Construction Observation and Testing Services - Building Pads, Foundations and Floor Slabs, Natomas Crossing - Buildings J, K and L, 4010, 4030 and 4050 Truxel Road, Sacramento, California"; Reference No. 192-197.01; February 3, 2004.

³ Raney Geotechnical Inc.; "Final Report, Construction Observation and Testing Services - Natomas Crossing - Buildings J, K and L, 4010, 4030 and 4050 Truxel Road, Sacramento, California"; Reference No. 192-197.01; March 22, 2004.

- 2) Slabs-on-grade
- 3) Tilt-up Wall Panels

Structural Steel: Observed welding for:

- 1) Shop welding -- Columns
- 2) Field welding -- Panel and roof connections

Concrete:

Observed placement and sampled concrete for:

- 1) Slab on Grade
- 2) Tilt-up Wall Panels

Performed slump tests and laboratory compressive strength testing

Epoxy Anchors: Observed installation of Epoxy Anchors for:

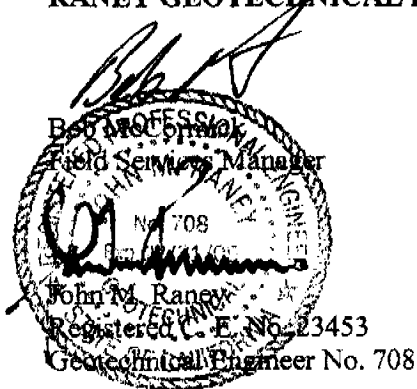
- 1) Roof ledger to wall panel connections.

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.



Attachments: Compressive Strength Reports

(2) Addressee

BM/JMR/cjh

Compressive Strength Report

ASTM METHOD: C-39

Panattoni Construction, Inc.
Rod Gover
8745 Folsom Boulevard, Suite 150
Sacramento, CA 95826

SAMPLE ID: 04-00809
PROJECT: 192-197.01
Natomas Crossing Alleghany
Truxel Road and Arena Blvd

SAMPLE DATA

DATE SAMPLED:	4/23/2004	TICKET #:	1003684
MATERIAL TYPE:	Concrete	MIX DESIGN:	07A6541C
SAMPLED BY:	Scott E.	SLUMP:	4.25 inches
SPEC. STRENGTH:	4000 psi	AIR TEMP:	59 Degrees F
SUPPLIER:	Teichert & Son, Inc.	MIX TEMP:	69 Degrees F
AIR ENTRAINMENT:			
LOCATION: Building B, Panel 5			

STRENGTH RESULTS


SAMPLE	AGE(days)	ULTIMATE LOAD(lbs.)	Dia (in)	AREA(in)	BREAK DATE	Corr:	STRENGTH (psi)
A	7	107220	6	28.27	4/30/2004		3790
B	28	138510	6	28.27	5/21/2004		4900
C	28	140120	6	28.27	5/21/2004		4960

- 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: Teichert & Son, Inc.

Reviewed By: 

Compressive Strength Report

ASTM METHOD: C-39

Panattoni Construction, Inc.
Rod Gover
8745 Folsom Boulevard, Suite 150
Sacramento, CA 95826

SAMPLE ID: 04-00778
PROJECT: 192-197.01
Natomas Crossing Alleghany
Truxel Road and Arena Blvd

SAMPLE DATA

DATE SAMPLED:	4/21/2004	TICKET #:	1003407
MATERIAL TYPE:	Concrete	MIX DESIGN:	07A6541C
SAMPLED BY:	Scott E.	SLUMP:	4.25 inches
SPEC. STRENGTH:	4000 psi	AIR TEMP:	60 Degrees F
SUPPLIER:	Teichert & Son, Inc.	MIX TEMP:	68 Degrees F
AIR ENTRAINMENT:			
LOCATION: Building B, Panel 2			

STRENGTH RESULTS

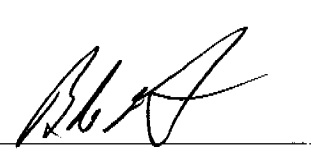
SAMPLE	AGE(days)	ULTIMATE LOAD(lbs.)	Dia (in)	AREA(in)	BREAK DATE	Corr:	STRENGTH (psi)
A	7	110470	6	28.27	4/28/2004		3910
B	28	140550	6	28.27	5/19/2004		4970
C	28	143040	6	28.27	5/19/2004		5060

- 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: Teichert & Son, Inc.

Reviewed By: 

Compressive Strength Report

ASTM METHOD: C-39

Panattoni Construction, Inc.
Rod Gover
8745 Folsom Boulevard, Suite 150
Sacramento, CA 95826

SAMPLE ID: 04-00659
PROJECT: 192-197.01
Natomas Crossing Alleghany
Truxel Road and Arena Blvd

SAMPLE DATA

DATE SAMPLED:	4/3/2004	TICKET #:	1001896
MATERIAL TYPE:	Concrete	MIX DESIGN:	A5541C
SAMPLED BY:	Chuck S.	SLUMP:	4.5 inches
SPEC. STRENGTH:	3000 psi	AIR TEMP:	52 Degrees F
SUPPLIER:	Teichert & Son, Inc.	MIX TEMP:	74 Degrees F
AIR ENTRAINMENT:			
LOCATION: Building B, Slab on Grade			

STRENGTH RESULTS

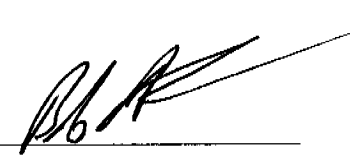
SAMPLE	AGE(days)	ULTIMATE LOAD(lbs.)	Dia (in)	AREA(in)	BREAK DATE	Corr:	STRENGTH (psi)
A	7	96140	6	28.27	4/10/2004		3400
B	28	134070	6	28.27	5/1/2004		4740
C	28	137340	6	28.27	5/1/2004		4860

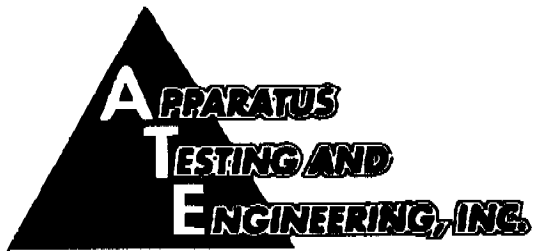
- Meets 28 day strength requirement
 Does not meet 28 day strength requirement
 No strength requirement given

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

Notes:

CC: Teichert & Son, Inc.

Reviewed By: 



FULL MEMBER

Sacramento • Livermore

August 14, 2004

Barnum & Celillo Electric
3900 Taylor Street
Sacramento, CA 95838Attention: Nelson Key
Subject: Ground Fault Testing at 4180 Truxel Road
A.T.E. Reference: S-7048

We wish to thank you for giving Apparatus Testing and Engineering, Inc. the opportunity to serve your testing needs on the above project. This letter and the attached Field Test Report constitute the Report for this project.

We appreciate your business and look forward to meeting your testing needs again in the future. Please do not hesitate to contact us if you have any questions or require further information.

Very truly yours,

APPARATUS TESTING AND ENGINEERING, INC.

A handwritten signature in black ink, appearing to read 'Dan Vassey', is written over a horizontal line.

Dan Vassey
Field Engineer
NETA Certification #:03-3-4326

DV:dkm

Attachment

*People Doing Business With People®***PO Box 984, Folsom, CA 95763-0984 • PHONE (916) 853-6280 • FAX (916) 853-6258**

**REPORT
ON THE
GROUND SYSTEM
CERTIFICATION
PERFORMED
AT
4180 TRUXEL ROAD**

**FOR
BARNUM & CELILLO ELECTRIC**

BY

**APPARATUS TESTING AND ENGINEERING
P.O. BOX 984
FOLSOM, CA 95763-0984
(916) 853-6280**

**Submitted by:
Dan Vassey
NETA Certification #: 03-3-4326
August 14, 2004**

**Certified by:
Jim Lawler
NETA Certification #: 98-4-1599
A.T.E. Reference: S-7048**

I. PURPOSE

The purpose of the Ground Fault System Certification is to ensure that the components within the system and the system as a whole are installed in accordance with "National Electric Code 230-95" and are fully operational. Through such tests, the contractor is assured that this installation is correct and will provide protection against arcing ground faults.

II. SUMMARY

Apparatus Testing and Engineering, Inc. was contracted by Barnum & Celillo to perform a Ground Fault System Certification at 4180 Truxel Road. The test was conducted on August 9, 2004, by Dan Vassey, NETA Certification # 03-3-4326, of Apparatus Testing and Engineering, Inc.

III. TEST PROCEDURES

- A. Neutral-ground connection inspected to verify connection ahead of ground fault sensor and neutral disconnect link.
- B. Neutral-ground conductor checked for correct size and clearance from exposed, energized conductors.
- C. Polarity of neutral current sensors checked to verify correct connection in relation to phase current sensors.
- D. Minimum ground fault current required to operate protective device determined; current recorded as ground fault pickup current.
- E. Ground Fault current applied to system at minimum of two values in excess of pickup current to verify ground fault time operation is within parameters of manufacturer's time-current curves.
- F. Neutral insulation resistance checked to verify that no additional ground paths exist in system.

IV. RESULTS AND RECOMMENDATIONS:

- A. The ground fault system tested satisfactorily as installed and is operational and acceptable for service.
- B. In the absence of engineered settings, pickup current and time delay settings were temporarily made for service energization. Apparatus Testing & Engineering, Inc. accepts no liability for these settings. The as left settings are 300 amps pickup, 0.4 seconds time delay I^2T in. The design engineer should be contacted for final settings.

**DATA
TEST
SHEET**

