

ATTACHMENT 4

**PROFESSIONAL SERVICES AGREEMENT
CITY OF COSTA MESA**

THIS AGREEMENT is made and entered into this ___ day of June, 2012 ("Effective Date"), by and between the CITY OF COSTA MESA, a municipal corporation ("City"), and Bureau Veritas Inc., 1565 MacArthur Blvd., Costa Mesa, Calif. 92626, a California corporation ("Consultant").

WITNESSETH:

- A. WHEREAS, City proposes to utilize the services of Consultant as an independent contractor to Bureau Veritas Inc. as more fully described in Consultant's Proposal attached as Exhibit "A"; and
- B. WHEREAS, Consultant represents that it has that degree of specialized expertise contemplated within California Government Code, Section 37103, and holds all necessary licenses to practice and perform the services herein contemplated; and
- C. WHEREAS, City and Consultant desire to contract for the specific services described in Exhibit "A" (the "Project") and desire to set forth their rights, duties and liabilities in connection with the services to be performed; and
- D. WHEREAS, no official or employee of City has a financial interest, within the provisions of California Government Code, Sections 1090-1092, in the subject matter of this Agreement.

NOW, THEREFORE, for and in consideration of the mutual covenants and conditions contained herein, the parties hereby agree as follows:

1.0. SERVICES PROVIDED BY CONSULTANT

1.1. Scope of Services. Consultant shall provide the professional services described in Consultant's Proposal, a copy of which is attached hereto as Exhibit "A" and incorporated herein by this reference.

1.2. Professional Practices. All professional services to be provided by Consultant pursuant to this Agreement shall be provided by personnel experienced in their respective fields and in a manner consistent with the standards of care, diligence and skill ordinarily exercised by professional consultants in similar fields and circumstances in accordance with sound professional practices. It is understood that in the exercise of every aspect of its role, within the scope of work, consultant will be representing the City of Costa Mesa, and all of its actions, communications, or other work, during its employment, under this contract is under the direction of the department. Consultant also warrants that it is familiar with all laws that may affect its performance of this Agreement and shall advise City of any changes in any laws that may affect Consultant's performance of this Agreement.

Consultant shall be solely and completely responsible for conditions of the job-site, including safety of all persons and property during performance of the work, and the Consultant shall fully comply with all State, Federal and other laws, rules, regulations, and orders relating to the safety of the public and workers.

The right of the Engineer or the City's Representative to conduct construction review or observation of the Consultant's performance shall not include review or observation of the adequacy of the Consultant's safety measures in, on, or near the construction site.

Construction materials and equipment may only be stored in streets, roads, or sidewalk areas if approved by the Engineer.

1.3. Performance to Satisfaction of City. Consultant agrees to perform all the work to the complete satisfaction of the City and within the hereinafter specified. Evaluations of the work will be done by the City Clerk or her designee. If the quality of work is not satisfactory, City in its discretion has the right to:

- (a) Meet with Consultant to review the quality of the work and resolve the matters of concern;
- (b) Require Consultant to repeat the work at no additional fee until it is satisfactory; and/or
- (c) Terminate the Agreement as hereinafter set forth.

1.4. Warranty. Consultant warrants that it shall perform the services required by this Agreement in compliance with all applicable Federal and California employment laws including, but not limited to, those laws related to minimum hours and wages; occupational health and safety; fair employment and employment practices; workers' compensation insurance and safety in employment; and all other Federal, State and local laws and ordinances applicable to the services required under this Agreement. Consultant shall indemnify and hold harmless City from and against all claims, demands, payments, suits, actions, proceedings, and judgments of every nature and description including attorneys' fees and costs, presented, brought, or recovered against City for, or on account of any liability under any of the above-mentioned laws, which may be incurred by reason of Consultant's performance under this Agreement.

1.5. Non-discrimination. In performing this Agreement, Consultant shall not engage in, nor permit its agents to engage in, discrimination in employment of persons because of their race, religion, color, national origin, ancestry, age, physical handicap, medical condition, marital status, sexual gender or sexual orientation, except as permitted pursuant to Section 12940 of the Government Code.

1.6. Non-Exclusive Agreement. Consultant acknowledges that City may enter into agreements with other consultants for services similar to the services that are subject to this Agreement or may have its own employees perform services similar to those services contemplated by this Agreement.

1.7. Delegation and Assignment. This is a personal service contract, and the duties set forth herein shall not be delegated or assigned to any person or entity without the prior written consent of City. Consultant may engage a subcontractor(s) as permitted by law and may employ other personnel to perform services contemplated by this Agreement at Consultant's sole cost

and expense.

1.8. Confidentiality. Employees of Consultant in the course of their duties may have access to financial, accounting, statistical, and personnel data of private individuals and employees of City. Consultant covenants that all data, documents, discussion, or other information developed or received by Consultant or provided for performance of this Agreement are deemed confidential and shall not be disclosed by Consultant without written authorization by City. City shall grant such authorization if disclosure is required by law. All City data shall be returned to City upon the termination of this Agreement. Consultant's covenant under this Section shall survive the termination of this Agreement.

2.0. COMPENSATION AND BILLING

2.1. Compensation. As compensation for the provision of services outlined in Exhibit "A" and in accordance with this agreement, Consultant shall be paid in accordance with the fee schedule set forth in Exhibit "A," attached hereto and incorporated by reference. Consultant's total compensation shall not exceed five hundred thirty six thousand, one hundred twenty Dollars (\$536,120.00).

2.2. Additional Services. Consultant shall not receive compensation for any services provided outside the scope of services specified in the Consultant's Proposal or in an amount exceeding \$536,120.00 unless the City or the Project Manager for this Project, prior to Consultant performing the additional services, approves such additional services in writing. It is specifically understood that oral requests and/or approvals of such additional services or additional compensation shall be barred and are unenforceable.

2.3. Method of Billing. Consultant may submit invoices to City supervisor for approval on a progress basis, but no more often than two times a month. Said invoice shall be based on the total of all Consultants' services which have been completed to City's sole satisfaction as of the date the invoice is created. City shall pay Consultant's invoice within forty-five (45) days from the date City receives said invoice. Each invoice shall describe in detail, the services performed, the date of performance, and the associated time for completion. Any additional services approved and performed pursuant to this Agreement shall be designated as "Additional Services" and shall identify the number of the authorized change order, where applicable, on all invoices.

2.4. Records and Audits. Records of Consultant's services relating to this Agreement shall be maintained in accordance with generally recognized accounting principles and shall be made available to City or its Project Manager for inspection and/or audit at mutually convenient times for a period of three (3) years from the Effective Date.

3.0. TIME OF PERFORMANCE

3.1. Commencement and Completion of Work. The professional services to be performed pursuant to this Agreement shall commence within five (5) days from the Effective Date of this Agreement. Failure to commence work in a timely manner and/or diligently pursue work to completion may be grounds for termination of this Agreement.

3.2. Excusable Delays. Neither party shall be responsible for delays or lack of performance resulting from acts beyond the reasonable control of the party or parties. Such acts shall include, but not be limited to, acts of God, fire, strikes, material shortages, compliance with laws or regulations, riots, acts of war, or any other conditions beyond the reasonable control of a party.

3.3 Liquidated Damages. In the event of inexcusable delays, for each consecutive calendar day after the time specified in Section 4.1, Consultant shall pay to the City or have withheld from moneys due it, the daily sum of \$100.00.

4.0. TERM AND TERMINATION

4.1. Term. This Agreement shall commence on the Effective Date and continue for a period of 12 months ending on June 30, 2013, unless previously terminated as provided herein or as otherwise agreed to in writing by the parties. This Agreement may be extended four (4) additional one (1) year renewal periods upon mutual agreement of the City and the Consultant.

4.2. Notice of Termination. The City reserves and has the right and privilege of canceling, suspending or abandoning the execution of all or any part of the work contemplated by this Agreement, with or without cause, at any time, by providing written notice to Consultant. The termination of this Agreement shall be deemed effective upon receipt of the notice of termination. In the event of such termination, Consultant shall immediately stop rendering services under this Agreement unless directed otherwise by the City.

4.3. Compensation. In the event of termination, City shall pay Consultant for reasonable costs incurred and professional services satisfactorily performed up to and including the date of City's written notice of termination. Compensation for work in progress shall be prorated as to the percentage of work completed as of the effective date of termination in accordance with the fees set forth herein. In ascertaining the professional services actually rendered hereunder up to the effective date of termination of this Agreement, consideration shall be given to both completed work and work in progress, to complete and incomplete drawings, and to other documents pertaining to the services contemplated herein whether delivered to the City or in the possession of the Consultant.

4.4. Documents. In the event of termination of this Agreement, all documents prepared by Consultant in its performance of this Agreement including, but not limited to, finished or unfinished design, development and construction documents, data studies, drawings, maps and reports, shall be delivered to the City within ten (10) days of delivery of termination notice to Consultant, at no cost to City. Any use of uncompleted documents without specific written authorization from Consultant shall be at City's sole risk and without liability or legal expense to Consultant.

5.0. INSURANCE

5.1. Minimum Scope and Limits of Insurance. Consultant shall obtain, maintain, and keep in full force and effect during the life of this Agreement all of the following minimum scope of insurance coverages with an insurance company admitted to do business in California, rated "A," Class X, or better in the most recent Best's Key Insurance Rating Guide, and

approved by City:

- (a) Commercial general liability, including premises-operations, products/completed operations, broad form property damage, blanket contractual liability, independent contractors, personal injury or bodily injury with a policy limit of not less than One Million Dollars (\$1,000,000.00), combined single limits, per occurrence. If such insurance contains a general aggregate limit, it shall apply separately to this Agreement or shall be twice the required occurrence limit.
- (b) Business automobile liability for owned vehicles, hired, and non-owned vehicles, with a policy limit of not less than One Million Dollars (\$1,000,000.00), combined single limits, per occurrence for bodily injury and property damage.
- (c) Workers' compensation insurance as required by the State of California. Consultant agrees to waive, and to obtain endorsements from its workers' compensation insurer waiving subrogation rights under its workers' compensation insurance policy against the City, its officers, agents, employees, and volunteers arising from work performed by Consultant for the City and to require each of its subcontractors, if any, to do likewise under their workers' compensation insurance policies.
- (d) Professional errors and omissions ("E&O") liability insurance with policy limits of not less than One Million Dollars (\$1,000,000.00), combined single limits, per occurrence and aggregate. Architects' and engineers' coverage shall be endorsed to include contractual liability. If the policy is written as a "claims made" policy, the retro date shall be prior to the start of the contract work. Consultant shall obtain and maintain, said E&O liability insurance during the life of this Agreement and for three years after completion of the work hereunder.

5.2. Endorsements. The commercial general liability insurance policy and business automobile liability policy shall contain or be endorsed to contain the following provisions:

- (a) Additional insureds: "The City of Costa Mesa and its elected and appointed boards, officers, officials, agents, employees, and volunteers are additional insureds with respect to: liability arising out of activities performed by or on behalf of the Consultant pursuant to its contract with the City; products and completed operations of the Consultant; premises owned, occupied or used by the Consultant; automobiles owned, leased, hired, or borrowed by the Consultant.."
- (b) Notice: "Said policy shall not terminate, be suspended, or voided, nor shall it be cancelled, nor the coverage or limits reduced, until thirty (30) days after written notice is given to City.
- (c) Other insurance: "The Consultant's insurance coverage shall be primary

insurance as respects the City of Costa Mesa, its officers, officials, agents, employees, and volunteers. Any other insurance maintained by the City of Costa Mesa shall be excess and not contributing with the insurance provided by this policy."

- (d) Any failure to comply with the reporting provisions of the policies shall not affect coverage provided to the City of Costa Mesa, its officers, officials, agents, employees, and volunteers.
- (e) The Consultant's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.

5.3. Deductible or Self Insured Retention. If any of such policies provide for a deductible or self-insured retention to provide such coverage, the amount of such deductible or self-insured retention shall be approved in advance by City. No policy of insurance issued as to which the City is an additional insured shall contain a provision which requires that no insured except the named insured can satisfy any such deductible or self-insured retention.

5.4. Certificates of Insurance: Consultant shall provide to City certificates of insurance showing the insurance coverages and required endorsements described above, in a form and content approved by City, prior to performing any services under this Agreement.

5.5. Non-limiting: Nothing in this Section shall be construed as limiting in any way, the indemnification provision contained in this Agreement, or the extent to which Consultant may be held responsible for payments of damages to persons or property.

6.0. GENERAL PROVISIONS

6.1. Entire Agreement: This Agreement constitutes the entire Agreement between the parties with respect to any matter referenced herein and supersedes any and all other prior writings and oral negotiations. This Agreement may be modified only in writing, and signed by the parties in interest at the time of such modification. The terms of this Agreement shall prevail over any inconsistent provision in any other contract document appurtenant hereto, including exhibits to this Agreement.

6.2. Representatives. The Chief Executive Officer for the City of Costa Mesa ("City's CEO") or his or her designee shall be the representative of City for purposes of this Agreement and may issue all consents, approvals, directives and agreements on behalf of the City, called for by this Agreement, except as otherwise expressly provided in this Agreement.

Consultant shall designate a representative for purposes of this Agreement who shall be authorized to issue all consents, approvals, directives and agreements on behalf of Consultant called for by this Agreement, except as otherwise expressly provided in this Agreement.

6.3. Project Managers. City shall designate a Project Manager to work directly with Consultant in the performance of this Agreement.

Consultant shall designate a Project Manager who shall represent it and be its agent in all consultations with City during the term of this Agreement. Consultant or its Project Manager shall attend and assist in all coordination meetings called by City.

6.4. Notices: Any notices, documents, correspondence or other communications concerning this Agreement or the work hereunder may be provided by personal delivery, facsimile or mail and shall be addressed as set forth below. Such communication shall be deemed served or delivered: a) at the time of delivery if such communication is sent by personal delivery; b) at the time of transmission if such communication is sent by facsimile; and c) 48 hours after deposit in the U.S. Mail as reflected by the official U.S. postmark if such communication is sent through regular United States mail.

IF TO CONSULTANT:

Bureau Veritas Inc.
1656 Mac Arthur Blvd
Costa Mesa, Calif. 92626
Tel: 858.863.2000
Fax: 858.451.2846
Attn: Christel White
E-mail:
christel.white@us.bureauveritas.com

IF TO CITY:

City of Costa Mesa
77 Fair Drive
Costa Mesa, CA 92626
Tel: 714-754-5604
Fax: 714-754-4856
Attn: Khanh Nguyen

6.5. Drug-free Workplace Policy. Consultant shall provide a drug-free workplace by complying with all provisions set forth in City's Council Policy 100-5, attached hereto as Exhibit "D" and incorporated herein by reference. Consultant's failure to conform to the requirements set forth in Council Policy 100-5 shall constitute a material breach of this Agreement and shall be cause for immediate termination of this Agreement by City.

6.6. Attorneys' Fees: In the event that litigation is brought by any party in connection with this Agreement, the prevailing party shall be entitled to recover from the opposing party all costs and expenses, including reasonable attorneys' fees, incurred by the prevailing party in the exercise of any of its rights or remedies hereunder or the enforcement of any of the terms, conditions, or provisions hereof.

6.7. Governing Law: This Agreement shall be governed by and construed under the laws of the State of California without giving effect to that body of laws pertaining to conflict of laws. In the event of any legal action to enforce or interpret this Agreement, the parties hereto agree that the sole and exclusive venue shall be a court of competent jurisdiction located in Orange County, California.

6.8. Assignment: Consultant shall not voluntarily or by operation of law assign, transfer, sublet or encumber all or any part of Consultant's interest in this Agreement without City's prior written consent. Any attempted assignment, transfer, subletting or encumbrance shall be void and shall constitute a breach of this Agreement and cause for termination of this Agreement. Regardless of City's consent, no subletting or assignment shall release Consultant of Consultant's obligation to perform all other obligations to be performed by Consultant hereunder

for the term of this Agreement.

6.9. Indemnification and Hold Harmless Consultant agrees to defend, indemnify, hold free and harmless the City, its elected officials, officers, agents and employees, at Consultant's sole expense, from and against any and all claims, actions, suits or other legal proceedings brought against the City, its elected officials, officers, agents and employees arising out of the performance of the Consultant, its employees, and/or authorized subcontractors, of the work undertaken pursuant to this Agreement. The defense obligation provided for hereunder shall apply without any advance showing of negligence or wrongdoing by the Consultant, its employees, and/or authorized subcontractors, but shall be required whenever any claim, action, complaint, or suit asserts as its basis the negligence, errors, omissions or misconduct of the Consultant, its employees, and/or authorized subcontractors, and/or whenever any claim, action, complaint or suit asserts liability against the City, its elected officials, officers, agents and employees based upon the work performed by the Consultant, its employees, and/or authorized subcontractors under this Agreement, whether or not the Consultant, its employees, and/or authorized subcontractors are specifically named or otherwise asserted to be liable. Notwithstanding the foregoing, the Consultant shall not be liable for the defense or indemnification of the City for claims, actions, complaints or suits arising out of the sole active negligence or willful misconduct of the City. This provision shall supersede and replace all other indemnity provisions contained either in the City's specifications or Consultant's Proposal, which shall be of no force and effect.

6.10. Independent Contractor. Consultant is and shall be acting at all times as an independent contractor and not as an employee of City. Consultant shall have no power to incur any debt, obligation, or liability on behalf of City or otherwise act on behalf of City as an agent. Neither City nor any of its agents shall have control over the conduct of Consultant or any of Consultant's employees, except as set forth in this Agreement. Consultant shall not, at any time, or in any manner, represent that it or any of its or employees are in any manner agents or employees of City. Consultant shall secure, at its sole expense, and be responsible for any and all payment of Income Tax, Social Security, State Disability Insurance Compensation, Unemployment Compensation, and other payroll deductions for Consultant and its officers, agents, and employees, and all business licenses, if any are required, in connection with the services to be performed hereunder. Consultant shall indemnify and hold City harmless from any and all taxes, assessments, penalties, and interest asserted against City by reason of the independent contractor relationship created by this Agreement. Consultant further agrees to indemnify and hold City harmless from any failure of Consultant to comply with the applicable worker's compensation laws. City shall have the right to offset against the amount of any fees due to Consultant under this Agreement any amount due to City from Consultant as a result of Consultant's failure to promptly pay to City any reimbursement or indemnification arising under this paragraph.

6.11. PERS Eligibility Indemnification. In the event that Consultant or any employee, agent, or subcontractor of Consultant providing services under this Agreement claims or is determined by a court of competent jurisdiction or the California Public Employees Retirement System (PERS) to be eligible for enrollment in PERS as an employee of the City, Consultant shall indemnify, defend, and hold harmless City for the payment of any employee and/or employer contributions for PERS benefits on behalf of Consultant or its employees, agents, or

subcontractors, as well as for the payment of any penalties and interest on such contributions, which would otherwise be the responsibility of City.

Notwithstanding any other agency, state or federal policy, rule, regulation, law or ordinance to the contrary, Consultant and any of its employees, agents, and subcontractors providing service under this Agreement shall not qualify for or become entitled to, and hereby agree to waive any claims to, any compensation, benefit, or any incident of employment by City, including but not limited to eligibility to enroll in PERS as an employee of City and entitlement to any contribution to be paid by City for employer contribution and/or employee contributions for PERS benefits.

6.12. Cooperation. In the event any claim or action is brought against City relating to Consultant's performance or services rendered under this Agreement, Consultant shall render any reasonable assistance and cooperation which City might require.

6.13. Ownership of Documents. All findings, reports, documents, information and data including, but not limited to, computer tapes or discs, files and tapes furnished or prepared by Consultant or any of its subcontractors in the course of performance of this Agreement, shall be and remain the sole property of City. Consultant agrees that any such documents or information shall not be made available to any individual or organization without the prior consent of City. Any use of such documents for other projects not contemplated by this Agreement, and any use of incomplete documents, shall be at the sole risk of City and without liability or legal exposure to Consultant. City shall indemnify and hold harmless Consultant from all claims, damages, losses, and expenses, including attorneys' fees, arising out of or resulting from City's use of such documents for other projects not contemplated by this Agreement or use of incomplete documents furnished by Consultant. Consultant shall deliver to City any findings, reports, documents, information, data, in any form, including but not limited to, computer tapes, discs, files audio tapes or any other Project related items as requested by City or its authorized representative, at no additional cost to the City.

6.14. Public Records Act Disclosure: Consultant has been advised and is aware that all reports, documents, information and data including, but not limited to, computer tapes, discs or files furnished or prepared by Consultant, or any of its subcontractors, and provided to City may be subject to public disclosure as required by the California Public Records Act (California Government Code Section 6250 et. seq.). Exceptions to public disclosure may be those documents or information that qualify as trade secrets, as that term is defined in the California Government Code Section 6254.7, and of which Consultant informs City of such trade secret. The City will endeavor to maintain as confidential all information obtained by it that is designated as a trade secret. The City shall not, in any way, be liable or responsible for the disclosure of any trade secret including, without limitation, those records so marked if disclosure is deemed to be required by law or by order of the Court.

6.15. Conflict of Interest. Consultant and its officers, employees, associates and subconsultants, if any, will comply with all conflict of interest statutes of the State of California applicable to Consultant's services under this agreement, including, but not limited to, the Political Reform Act (Government Code Sections 81000, et seq.) and Government Code Section 1090. During the term of this Agreement, Consultant and its officers, employees, associates and subconsultants shall not, without the prior written approval of the City Representative, perform

work for another person or entity for whom Consultant is not currently performing work that would require Consultant or one of its officers, employees, associates or subconsultants to abstain from a decision under this Agreement pursuant to a conflict of interest statute.

6.16. Responsibility for Errors. Consultant shall be responsible for its work and results under this Agreement. Consultant, when requested, shall furnish clarification and/or explanation as may be required by the City's representative, regarding any services rendered under this Agreement at no additional cost to City. In the event that an error or omission attributable to Consultant occurs, then Consultant shall, at no cost to City, provide all necessary design drawings, estimates and other Consultant professional services necessary to rectify and correct the matter to the sole satisfaction of City and to participate in any meeting required with regard to the correction.

6.17. Prohibited Employment. Consultant will not employ any regular employee of City while this Agreement is in effect.

6.18. Order of Precedence. In the event of an inconsistency in this Agreement and any of the attached Exhibits, the terms set forth in this Agreement shall prevail. If, and to the extent this Agreement incorporates by reference any provision of any document, such provision shall be deemed a part of this Agreement. Nevertheless, if there is any conflict among the terms and conditions of this Agreement and those of any such provision or provisions so incorporated by reference, this Agreement shall govern over the document referenced.

6.19. Costs. Each party shall bear its own costs and fees incurred in the preparation and negotiation of this Agreement and in the performance of its obligations hereunder except as expressly provided herein.

6.20. No Third Party Beneficiary Rights. This Agreement is entered into for the sole benefit of City and Consultant and no other parties are intended to be direct or incidental beneficiaries of this Agreement and no third party shall have any right in, under or to this Agreement.

6.21. Headings. Paragraphs and subparagraph headings contained in this Agreement are included solely for convenience and are not intended to modify, explain or to be a full or accurate description of the content thereof and shall not in any way affect the meaning or interpretation of this Agreement.

6.22. Construction. The parties have participated jointly in the negotiation and drafting of this Agreement. In the event an ambiguity or question of intent or interpretation arises with respect to this Agreement, this Agreement shall be construed as if drafted jointly by the parties and in accordance with its fair meaning. There shall be no presumption or burden of proof favoring or disfavoring any party by virtue of the authorship of any of the provisions of this Agreement.

6.23. Amendments. Only a writing executed by the parties hereto or their respective successors and assigns may amend this Agreement.

6.24. Waiver. The delay or failure of either party at any time to require performance or

compliance by the other of any of its obligations or agreements shall in no way be deemed a waiver of those rights to require such performance or compliance. No waiver of any provision of this Agreement shall be effective unless in writing and signed by a duly authorized representative of the party against whom enforcement of a waiver is sought. The waiver of any right or remedy in respect to any occurrence or event shall not be deemed a waiver of any right or remedy in respect to any other occurrence or event, nor shall any waiver constitute a continuing waiver.

6.25. Severability. If any provision of this Agreement is determined by a court of competent jurisdiction to be unenforceable in any circumstance, such determination shall not affect the validity or enforceability of the remaining terms and provisions hereof or of the offending provision in any other circumstance. Notwithstanding the foregoing, if the value of this Agreement, based upon the substantial benefit of the bargain for any party, is materially impaired, which determination made by the presiding court or arbitrator of competent jurisdiction shall be binding, then both parties agree to substitute such provision(s) through good faith negotiations.

6.26. Counterparts. This Agreement may be executed in one or more counterparts, each of which shall be deemed an original. All counterparts shall be construed together and shall constitute one agreement.

6.27. Corporate Authority. The persons executing this Agreement on behalf of the parties hereto warrant that they are duly authorized to execute this Agreement on behalf of said parties and that by doing so the parties hereto are formally bound to the provisions of this Agreement.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by and through their respective authorized officers, as of the date first above written.

CITY OF COSTA MESA,
A municipal corporation

Mayor of the City of Costa Mesa

Date: _____

CEO of Costa Mesa

Date: _____

CONSULTANT



Signature
Pete Guisasola
DIR. MUNICIPAL CODE COMPLIANCE

Date: 6/5/2012

Name and Title

Social Security or Taxpayer ID Number

APPROVED AS TO FORM:

City Attorney

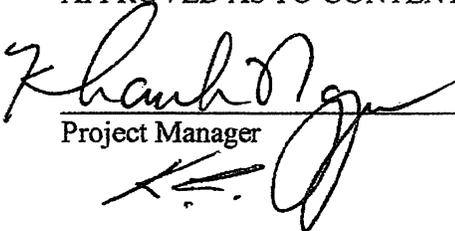
Date: _____

APPROVED AS TO INSURANCE:

Risk Management

Date: _____

APPROVED AS TO CONTENT:



Project Manager

Date: 6-8-12

ATTEST:

City Clerk and ex-officio Clerk
Of the City of Costa Mesa

Date: _____

CITY COUNCIL POLICY 100-5

SUBJECT	POLICY NUMBER	EFFECTIVE DATE	PAGE
DRUG-FREE WORKPLACE	100-5	8-8-89	1 of 3

BACKGROUND

Under the Federal Drug-Free Workplace Act of 1988, passed as part of omnibus drug legislation enacted November 18, 1988, contractors and grantees of Federal funds must certify that they will provide drug-free workplaces. At the present time, the City of Costa Mesa, as a sub-grantee of Federal funds under a variety of programs, is required to abide by this Act. The City Council has expressed its support of the national effort to eradicate drug abuse through the creation of a Substance Abuse Committee, institution of a City-wide D.A.R.E. program in all local schools and other activities in support of a drug-free community. This policy is intended to extend that effort to contractors and grantees of the City of Costa Mesa in the elimination of dangerous drugs in the workplace.

PURPOSE

It is the purpose of this Policy to:

1. Clearly state the City of Costa Mesa's commitment to a drug-free society.
2. Set forth guidelines to ensure that public, private, and nonprofit organizations receiving funds from the City of Costa Mesa share the commitment to a drug-free workplace.

POLICY

The CEO, under direction by the City Council, shall take the necessary steps to see that the following provisions are included in all contracts and agreements entered into by the City of Costa Mesa involving the disbursement of funds.

1. Contractor or Sub-grantee hereby certifies that it will provide a drug-free workplace by:
 - a. Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in Contractor's and/or sub-grantee's workplace, specifically the job site or location included in this contract, and specifying the actions that will be taken against the employees for violation of such prohibition;

SUBJECT	POLICY NUMBER	EFFECTIVE DATE	PAGE
DRUG-FREE WORKPLACE	100-5	8-8-89	2 of 3

- b. Establishing a Drug-Free Awareness Program to inform employees about:
 - 1. The dangers of drug abuse in the workplace;
 - 2. Contractor's and/or sub-grantee's policy of maintaining a drug-free workplace;
 - 3. Any available drug counseling, rehabilitation and employee assistance programs; and
 - 4. The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;
- c. Making it a requirement that each employee to be engaged in the performance of the contract be given a copy of the statement required by subparagraph A;
- d. Notifying the employee in the statement required by subparagraph 1 A that, as a condition of employment under the contract, the employee will:
 - 1. Abide by the terms of the statement; and
 - 2. Notify the employer of any criminal drug statute conviction for a violation occurring in the workplace no later than five (5) days after such conviction;
- e. Notifying the City of Costa Mesa within ten (10) days after receiving notice under subparagraph 1 D 2 from an employee or otherwise receiving the actual notice of such conviction;
- f. Taking one of the following actions within thirty (30) days of receiving notice under subparagraph 1 D 2 with respect to an employee who is so convicted:
 - 1. Taking appropriate personnel action against such an employee, up to and including termination; or
 - 2. Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health agency, law enforcement, or other appropriate agency;

SUBJECT	POLICY NUMBER	EFFECTIVE DATE	PAGE
DRUG-FREE WORKPLACE	100-5	8-8-89	3 of 3

- g. Making a good faith effort to maintain a drug-free workplace through implementation of subparagraphs 1 A through 1 F, inclusive.
2. Contractor and/or sub-grantee shall be deemed to be in violation of this Policy if the City of Costa Mesa determines that:
 - a. Contractor and/or sub-grantee has made a false certification under paragraph 1 above;
 - b. Contractor and/or sub-grantee has violated the certification by failing to carry out the requirements of subparagraphs 1 A through 1 G above;
 - c. Such number of employees of Contractor and/or sub-grantee have been convicted of violations of criminal drug statutes for violations occurring in the workplace as to indicate that the contractor and/or sub-grantee has failed to make a good faith effort to provide a drug-free workplace.
 3. Should any contractor and/or sub-grantee be deemed to be in violation of this Policy pursuant to the provisions of 2 A, B, and C, a suspension, termination or debarment proceeding subject to applicable Federal, State, and local laws shall be conducted. Upon issuance of any final decision under this section requiring debarment of a contractor and/or sub-grantee, the contractor and/or sub-grantee shall be ineligible for award of any contract, agreement or grant from the City of Costa Mesa for a period specified in the decision, not to exceed five (5) years. Upon issuance of any final decision recommending against debarment of the contractor and/or sub-grantee, the contractor and/or sub-grantee shall be eligible for compensation as provided by law.

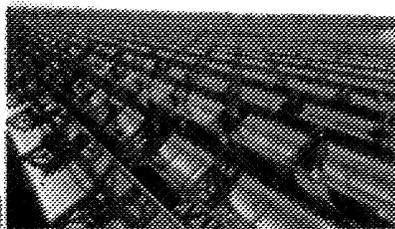
/CSG PSA

EXHIBIT A

Request for Proposal Building and Fire Plan Review and Inspection



May 3, 2012



City of Costa Mesa

Building and Safety
Attention: Keith Clarke
77 Fair Drive
Costa Mesa, CA 92626



COSTA MESA

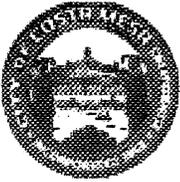
Move Forward with Confidence

Bureau Veritas North America, Inc.
1565 MacArthur Blvd.
Costa Mesa, CA 92626

T. 714.431.4100 / F. 714.825.1669
pate.guisasola@us.bureauveritas.com
www.us.bureauveritas.com

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**City of Costa Mesa
Building and Fire Plan Check and Inspection
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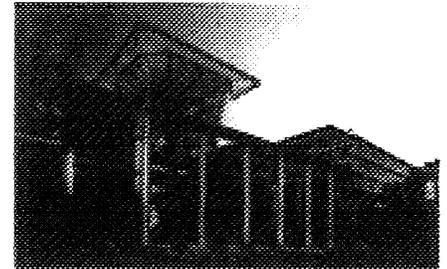
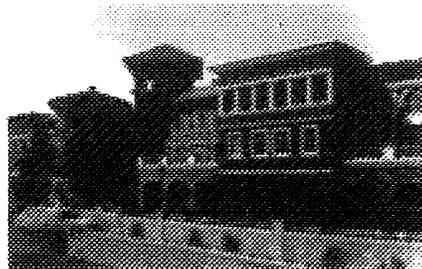


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Firm Qualifications





Firm Qualifications

Bureau Veritas is a one-stop shop for full-service consulting to jurisdictions in California. We leverage multi-faceted staffing to provide comprehensive services, working on projects from the preliminary review stage to issuance of the Certificate of Occupancy. We customize solutions specific to each client and our creative thinking and past experience saves our clients time and money, while also providing the staffing levels needed to fit their needs. In addition to our full service code, work we can provide master planning, program management, departmental management, staff augmentation, plan review, code consulting, environmental, health, safety, construction management, building, and infrastructure inspection expertise and resources.

Founded in 1828 Bureau Veritas North America Inc. is a global leader in quality assurance, health, safety and environmental (QHSE) solutions. Recognized and accredited by the largest national and international organizations, and with over 52,000 employees, Bureau Veritas has unparalleled expertise and resources to manage projects requiring a broad range of expertise, across vast geographies. With operations in 140 countries and all continents, Bureau Veritas draws on the synergies between its local teams and dedicated technical centers throughout the world. We are the number 1 independent environmental consulting firm in the United States and the largest elevator inspection firm in the United States.

Our local presence allows Bureau Veritas to provide timely delivery and exceptional customer service in the most cost-effective manner. Our long-standing presence in Southern California, and past experience working in the City of Costa Mesa has enabled us to gain the knowledge of the local area and to provide continuity, responsiveness to on-call assignments, and technical proficiency.

What Sets Us Apart

We are ideally suited to provide Building and Fire Plan Check and Inspection Services because we possess:

Unparalleled Building Safety and Code Consulting Expertise

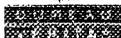
- Proven Turnkey Building Safety Track Record Nationally (400+ Agencies in California)
- Building and Safety Consulting to 150+ Agencies in California
- Municipal Management and Staff Augmentation Expertise
- Key Staff That Have Helped Establish and Implement the Latest International Codes

Depth of Resources and Proximity to Meet Peak Workloads

- Plan check services will be provided from our Costa Mesa, Corona, San Diego, Sacramento, and San Ramon, CA offices
- 50+ Offices Throughout the United States - 5 Offices in California
- Registered Engineers and ICC-Certified Staff Dedicated to Code Compliance
- USGBC LEED Review Certifying Body
- No Private Sector Design Work = No Conflict of Interest

Best Practices and State-of-the-Art Processes to Consistently Meet Turnaround Schedules

- First Firm to Achieve IAS Certification
- Comprehensive and Formalized Plan Check Procedure
- Award-Winning Web-Based Project Tracking and Controls
- Electronic Plan check to Save Time, Money and Paper - A GREEN solution
- 99% Success Rate Meeting Review Turnaround Schedules





City of Costa Mesa Building and Fire Plan Check and Inspection Firm Qualifications

Strong Municipal Focus

- Helped Establish and Manage Departments for 20+ Newly Incorporated Cities
- Provided Municipal Department Head Positions for 50+ Cities

The Right People Doing the Right Job

We have extensive resources and a large pool of licensed and certified building safety experts who are equipped to handle all of the City's needs, including Building and Fire Plan check, Building and Fire Inspection, Permit and Counter services, Code Enforcement, LEED review, ADA Compliance, and Building Officials Services. Our professionals have extensive experience in commercial, residential, industrial, energy, and institutional projects of all sizes and complexities, allowing them to tailor solutions specifically to the City's needs.



Bureau Veritas and our proposed, locally-based staff for this contract have a long-established history working for the nearby municipalities to perform outside plan check and field inspection services. Consequently, we can leverage a breadth of code compliance and permit processing expertise to meet the needs of the City, and offer highly qualified engineers and ICC-certified staff who are in close proximity and can quickly respond to the City's needs.

"The 'ADA for Small Business' seminar presented by Pete Guisasaola was timely, informative and of great business interest in West Sacramento. Pete's participation is a great example of how the Chamber and the City work together in support of our business community."

- Denis A. Seals, President/CEO, West Sacramento Chamber of Commerce

"My role as Project Manager for Kleinfelder was enhanced by the superior service and personnel offered by Bureau Veritas."

- Ted Oien, Kleinfelder

"Our experience in West Sacramento with the Bureau Veritas provided contract services have been very positive. Their attitude is consistently helpful."

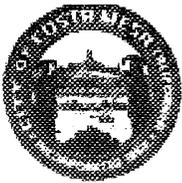
- Duane Johnson, AIA, Comstock & Johnson

Bureau Veritas is the First Firm in the World to Receive IAS Accreditation

Notably, Bureau Veritas is the first company to achieve accreditation under the International Accreditation Service (IAS) Third-Party Permitting, Plan Review and Inspection Service Providers Accreditation Program (AC 402). The IAS accreditation program was developed to verify the competence of companies that provide services for building departments.

The accreditation demonstrates to our current and future clients that we have processes in place to ensure consistency in how we perform plan reviews, inspections and administrative actions. Through the periodic evaluation by IAS, it also reinforces our business values of customer focus, share collective knowledge and constant learning, transparency, teamwork and solidarity.





**City of Costa Mesa
Building and Fire Plan Check and Inspection
Firm Qualifications**

Building departments can use the IAS program to verify that the companies they hire are qualified to provide building safety services for the jurisdiction. For Bureau Veritas, accreditation is a way to provide independent verification of our established quality procedures and best practices that have been an integral part of the company since its founding in 1828.



ACCREDITED

To achieve IAS accreditation, IAS evaluators assessed the Bureau Veritas Plano office across several distinct categories including code administration, construction codes, plan review processes, professional credentials and licensing, and inspection procedures. In addition, IAS also assessed critical elements of the services provided to jurisdictions such as contract details, operational procedures and plans, and fiscal year budgets.

AC 402 requires accredited third-party service providers to submit annual reports addressing key elements of the criteria as well as changes in key staff, facilities or operating procedures or any problems that could potentially effect the entity's accredited status. At the end of the three-year term commencing from the initial date of accreditation, the accredited agency will be subject to full on-site reevaluation by IAS.

The International Accreditation Service (IAS) is a nonprofit, internationally recognized, accreditation body and a subsidiary of the International Code Council (ICC), www.iccsafe.org. IAS

"Bureau Veritas' achievement of this new IAS accreditation is a testament to their competence and commitment within their chosen industry."

- Vice President of Planning, Port San Antonio, TX

accredits building departments, third-party building department service providers, special inspection agencies, product certification agencies, inspection programs for metal building manufacturers, fabricator inspection programs, testing and calibration laboratories, inspection agencies, training agencies, curriculum developers, and field evaluation bodies. IAS is signatory to several international mutual recognition arrangements (MRAs), which facilitates acceptance of its accreditation certificates around the world.

We have a team of registered engineers, architects, and ICC-certified technical staff who specialize in the plan check, code compliance, and inspection fields.



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Approach to Services





**City of Costa Mesa
Building and Fire Plan Check and Inspection
Approach to Services for the City of Costa Mesa**

Approach to Services for the City of Costa Mesa

Bureau Veritas understands the City's desire to establish a relationship with a consultant that provides high quality services in a flexible and integrated manner. To this end, Bureau Veritas is pleased to say we have developed many such collaborative relationships with clients and value the benefits of these close working relationships. We anticipate similar success with the City of Costa Mesa, and are ready to develop a partnership to assure high service levels, excellent design and project delivery, and strong staff support.

This type of integrated approach is best designed collaboratively with BV and City staff working together to find the best solution. We anticipate this would include a combination of traditional offerings such as off-site plan review and staff augmentation, with more innovative full service solutions that fit the City's changing needs. BV envisions a strong "as needed" concept to services with flexibility and collaboration in mind, and a seamless integration with BV staff providing services that fit the culture of the City. Our services will be delivered in a manner that is consistent with customer expectations as established by the City of Costa Mesa. We will monitor our services and will be quick to make any adjustments needed.

BV services will flex to fit the need. A good example is on-site staff augmentation on an "as needed basis" that allows the City to achieve expected service levels for high activity periods with the ability to reduce consultant staffing when activity returns to City "Core" staffing levels. We will have local staff ready to serve when any projects arise in the City of Costa Mesa. We anticipate staffing needs may cover all positions desired including, but not limited to: Building, Fire, and Engineering Inspections; Building, Fire, and Civil Plan Review; Code Enforcement; Capital Construction Project Management and Inspection, Special Inspections, CASp reviews, Permitting and other technician level tasks, including clerical. Bureau Veritas has the depth of resources to provide all of the City's service needs in a consistent and reliable manner.



Building Safety Capabilities





Building Safety Capabilities

Building Department Administration

Bureau Veritas has helped over 400 public and private agencies in California handle their code compliance needs from full-service building department administration to targeted, as-needed services. Bureau Veritas is the City's ideal partner to deliver the quality service, technical proficiency, and responsiveness that a public agency desires when faced with rapid development, budget constraints, and limited resources. Bureau Veritas offers a full range of building department services including:

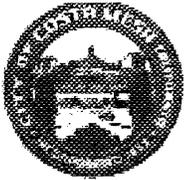
- Building Official
- Building and Fire Plan Review
- Permitting / Processing
- Counter Support
- Code Enforcement
- Inspection
- Community Outreach
- NPDES/Air Quality Compliance
- Staff Training

Partnering with Bureau Veritas provides the City of Costa Mesa with immediate resources. As the demand on the City of Costa Mesa increases, Bureau Veritas will supplement staffing levels with additional resources. The result will be an efficient and cost-effective solution that provides the development community with a high level of expertise and customer service.

These services include, but are not limited to, the following:

- Full Building Administration Services (issuance of permits, certificates of occupancy, required City recordkeeping, taking and responding to inspection requests, performing plan reviews, enforcing pertinent agency, County, State and Federal regulations falling within the purview of the Building Department)
- Fire plan review and inspection
- Generate plan review and inspection reports
- Enter all agency-required information into agency's permit tracking and reporting system
- Attend Project Review Committee (PRC) meetings or any meetings related to the Building Department as required by the agency
- Prepare and submit a weekly plan review status report and a monthly plan review turnaround report as specified by the agency
- Prepare a monthly inspection activity report
- Scan all non-residential approved plans and documents in accordance with the agency's records management procedures
- Assist agency with drafting and presenting of ordinances and resolutions
- Maintain and update, as necessary, public assistance and code related handout materials
- Conduct community workshops to educate contractors, homeowners, architects, engineers, etc.
- Participate as the extension of agency staff in emergency events
- Review and approval of any commercial testing or special inspection reports required by codes for ongoing construction
- Assist in preparing and prioritizing budgets





**City of Costa Mesa
Building and Fire Plan Check and Inspection
Building Safety Capabilities**

Building Inspection

Bureau Veritas provides full building inspection services. We can provide inspection services for a single project that presents unique complexities due to its construction or size, or we can provide enough staff to handle all inspection services for the City of Costa Mesa. Our building inspection can be adjusted to provide a high level of coordination specifically suited to the design build concept.

Bureau Veritas' inspection teams also provide on-call building inspection services to cover staff vacation time, peak work loads, specialized inspection activities, and any other situations that may arise. These activities may include next-day inspections and same-day response to important or urgent requests.

Plan Review

Bureau Veritas personnel have performed and managed plan review for literally thousands of projects in California. Project types include high-rise hotels and office buildings, institutional occupancies such as jails, semiconductor fabrication facilities, shipping facilities, room additions, single-family tract and custom homes, tilt-up shells, tenant improvements, and infrastructure (roads, wet and dry utilities, etc.). Our staff has considerable review experience of virtually any structure requiring permits, plan reviews and inspections. With such a large and licensed plan review staff, we are able to manage numerous, and complex projects simultaneously. We are able to provide discipline-specific plan reviews (e.g., structural, mechanical, access, street, drainage, map, civil infrastructure, etc.). Key ICC-certified reviewers are members of code committees with professional organizations, while other reviewers are registered engineers/land surveyors proficient in the civil plan check/map review arena.

We are the largest plan review firm in the United States, providing full service code consulting and plan review services. It is our goal to meet and exceed the service levels required from our clients. Our team provides plan reviews for compliance with a variety of codes, including compliance with the International Building, Plumbing, Electrical, Mechanical, Fuel Gas, Energy Conservation, Fire and the National Electric Code as adopted by the City of Costa Mesa.

Our services encompass:

- Review for fire resistant building elements
- Architectural, fire and life safety plans examination
- Structural plans examination
- Energy code plans examination
- Barrier free plans examination requirements/Disabled access
- Mechanical, plumbing and electrical code plans examination
- Review and approval of alternative materials, alternative design and methods of construction
- Fire sprinkler and fire alarm system plan reviews (as requested)
- ADA accessibility reviews

"Bureau Veritas has consistently provided highly qualified and experienced plan review staff members who have continuously delivered superior service to the City. Their staff has been available to meet with City staff and developers' architects/engineers to address any issues that may arise. In addition, they participate at pre-design meetings to help clarify code issues, which in turn facilitate the plan review process. Bureau Veritas has been a cost-effective solution to our plan check needs and has consistently met our plan review turnaround schedule requirements."

- Allen Brock, CBO, Director of Building & Safety, City of Murrieta, CA





**City of Costa Mesa
Building and Fire Plan Check and Inspection
Building Safety Capabilities**

It is our goal to meet and exceed the service levels required from our municipal clients. Our team provides plan reviews for compliance with a variety of codes, including compliance with International Building Codes, the Uniform family of codes, and various state and local regulations throughout the United States. Our professional staff has extensive experience reviewing all types of construction and building occupancies:

Plan Review Turnaround Times

Bureau Veritas can provide plan review activities on a fast-track basis. Turnaround times for each submittal will relate to the size and nature of the project and its impact on the construction schedule. To reduce turnaround times, we can use electronic submittals, phased submittals, conference calling, videoconferencing, and visits by plan review staff to design offices of the owner's designers and to points of fabrication.

Bureau Veritas has built long-term partnerships with agencies. We understand that accuracy, efficiency, and integrity in all aspects of professional services are required. Testimony to our professional excellence is the fact that we provide services to many of our municipal clients since their incorporation. Because of our large pool of accessible resources we are able to assemble experienced personnel in order to ensure project schedule recovery when necessary. Bureau Veritas will maintain efficient turnaround time on all reviews as a key measurement of our performance for our plan review services. The following schedule is a representative sampling of the review times associated with the type of construction you can anticipate.

	Initial Check (working days)	Recheck (working days)	Plan Change (working days)	Expedite (initial)	Expedite (recheck)
Single Family Dwelling	5	3	3	4	3
Apartments	7	5	5	5	3
Tenant Improvements	5	3	3	4	3
Commercial / Industrial	10	5	5	7	4

Bureau Veritas will also accommodate preliminary reviews to facilitate fast tracked or accelerated projects. This will aid with timely turnaround and create good public relations. If applicants include designs that do not conform to the prescriptive requirements of the codes, the City's designee will have final approval over the plan being reviewed. Our staff will make recommendations for the resolution if requested by the City. We are also available to meet with agency staff or others as needed to discuss our findings.

Permit Counter Services

Bureau Veritas staff will work in conjunction with the City staff to smoothly implement counter contacts, counter permits, and plan check and inspection questions. Prior to being assigned with the City, Bureau Veritas staff will be trained and proficient in City policies, procedures, and counter processes. Our staff will be able to answer questions pertaining to inspections, plan approvals, business license approvals, and certificates of occupancy. We will deliver same day issuance of over the counter permits, and will follow documented internal policies and procedures in providing our services. Furthermore, our staff will provide high quality counter services in a timely and professional manner, so as to comply with all applicable building codes and equipment required to complete the duties associated with conducting efficient permit processing and front counter services on an "as needed basis", as dictated by the City.



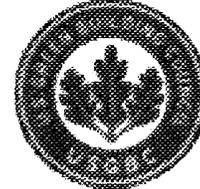


**City of Costa Mesa
Building and Fire Plan Check and Inspection
Building Safety Capabilities**

Green Building Expertise

Bureau Veritas is at the forefront of the Green Building movement, and by implementing Green Building Solutions, we help reduce energy consumption, maintenance and capital costs, environmental impact, and increase occupant comfort and health.

- Expertise in assisting municipal clients in Green Building Ordinance implementation
- Provided approximately 1,000 LEED reviews for the USGBC
- Building Services
- LEED submittal consultation
- Green building consulting
- CALGreen Code Compliance
- ENERGY STAR verification
- Energy efficiency audits
- Chain of Custody (COC) Certification



Third Party Plan Check

Bureau Veritas provides comprehensive Third Party Plan Check Services for local agencies. Since we don't do design work for the private sector, there is never a conflict of interest, and the agency is assured that our staff of certified Plan Reviewers and licensed plan review engineers is committed to enforcement of all applicable standards.

We are always available to discuss the results of the review with the applicant. Bureau Veritas provides direct client interface with the applicant until all documents are complete, and then forwards them to the Jurisdiction for permit issuance.



Public Works Capabilities





Civil Staff Capabilities

Civil Engineering Services

When planning or designing infrastructure projects, various complexities can arise that require special care, attention, and creativity. Evaluating life cycle costs, determining the "best value" solution, minimizing construction impacts, enhancing maintenance, gaining community support...these are some of the factors that need to be assessed as part of looking at the big picture to save you time and money.



From preliminary engineering and planning to final design and construction support, Bureau Veritas provides value-added services that yield innovative yet practical solutions to promote cost-effective and timely delivery, while protecting and enhancing the value of your infrastructure. Our managers ensure technical viability, monitor schedules/budgets, incorporate value engineering practices, and assure the entire project team integrates seamlessly to deliver the best possible project. Our staff has a proven ability to partner with municipal clients and assess priorities in order to keep your projects on schedule and under budget.

Successful project management on public works design and engineering projects requires a strong commitment from the team partners to effectively balance scope, schedule, and budget throughout the lifecycle. This requires working in partnership and reaching agreement on project goals and expectations initially, and maintaining fluid communication early and often.

Civil Engineering Approach

Our Project Manager and/or Task Leaders will meet with the City upon receiving a new task request for scope and fee to review the requested scope, a preliminary set of assumptions, staff expectations, and project values and vision. These will allow us to provide the City with a set of scope items, related fees, and a schedule that is appropriate for the particular project.

Our commitment to quality and service is accomplished through open communication with our team members, up the chain, down the chain, and laterally. This commitment usually means that our team will sit with the City and review our planned approach on each comment provided. We will focus our meeting time to discuss those comments that either cannot be implemented as requested, or where there may be a communication gap and our team members are not all in agreement. For the sake of efficiency those items that are agreeable are not intended to be part of the discussion.

Our team will continue the progression of design development, City review, comment resolution meeting, and design advancement until the project is completed to the satisfaction of the City and meets the project work plan and goals. Our commitment is to follow through in all our assignments within our contract. This process will repeat as new task orders are identified.



Staffing





**City of Costa Mesa
Building and Fire Plan Check and Inspection
Staffing**

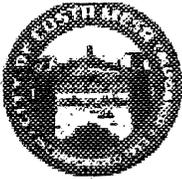
Key Staff Members

The dynamics associated with administering the City of Costa Mesa's Building and Fire Plan Review Services places a premium on providing a staff and organization that promotes flexibility, capacity, customer-orientation, continuity and strong technical competence. Bureau Veritas' organizational structure maximizes close communication and the accountability of project team members. Bureau Veritas' key, local Lead Representative personnel are committed to providing quality services to the City of Costa Mesa.

Bureau Veritas will provide a Management Team to the City of Costa Mesa who will have extensive knowledge of Building Department and Public Works operations, with a clear understanding of Community Development, and Economic Development interests. Additionally, our Management Team will have extensive knowledge of Southern California and the City of Costa Mesa in order to ensure enough resources are available to provide exceptional customer service and meet the needs of the City of Costa Mesa.

Core and remote staffing provided to the City of Costa Mesa will be knowledgeable in all locally adopted codes and ordinances, and have a knowledge of Southern California culture and climate, ensuring high quality customer service is provided. Each individual will be certified in their respective disciplines by the International Code Council, and many will have multi-discipline certifications, enabling them to provide comprehensive services to the City.





**City of Costa Mesa
Building and Fire Plan Check and Inspection
Staffing**

Certifications/ License:
 ICC Certified Building Official
 ICC Certified Building Plans Examiner
 ICC Certified Building Inspector
 Green Point Building Professional

Pete Guisasola, CBO | Principal In Charge
 Pete has over 30 years of local Building Department experience in a fast growing California city. As Chief Building Official, Pete's role also expanded into other areas of city government including Community Development, Economic Development, and special projects for the City Manager's office. He has been very active in CALBO and ICC Chapters, serving as President of both CALBO and the Sacramento Valley Association of Building Officials. He currently serves on the SVABO Board of Directors.

Green Point Rater
 Certified Energy Auditor
 CA Registered Disaster Service Worker

Pete has many years of active participation in State and local code development, and is used as a resource by many State agencies. During the 1990's Pete was appointed to the California Building Standards Commission. He currently serves on the California State Architects Advisory Board, DSA CASp Committee, State Fire Marshall's Wildland Interface task force, and the CALBO Contractors, Architects, and Engineers Board Committee. Pete is also a member of the League of California Cities HCED Committee, and is a key advisor to League staff in matters of State codes and Legislation that involve local government.

Professional Affiliations:
 Past Commissioner, California Building Standards Commission

CALBO, Past President
 Board Member, California State Architects Advisory Board
 League of California Cities

Pete is a "Build It Green" professional and GreenPoint rater. He also served on the Conventional Construction Task Force in the national effort to rewrite Building Code for residential structures. He co-authored two books on disabled access. He also instructs in many subject areas including Accessibility, Green Building, State Laws, and Building Department Management.

Instructor, California Building Officials training Institute (CTI)
 Build it Green

Pete has received several awards in connection with his professional experience including 2009 California Building Official of the Year Award, the 'Public Sector Award' in 1998 for the Placer County Economic Development Board for streamlining the building permit process, California Senate resolution of appreciation for public service, and the CALBO Presidents Award for Outstanding Achievement.

Select Project Experience:

Co-Building Official, City of West Sacramento, CA

Pete provides consultation with the Building Official on matters pertaining to code interpretation, alternate method approaches, and new codes soon to be adopted local code amendments, green building codes, and discussing local policies related to building department operations.

Principal-In-Charge, Various California Jurisdictions

Pete provides oversight and management of staff augmentation and plan review for several Northern California jurisdictions including the Cities of Burlingame, Rancho Cordova, and Lincoln.

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**City of Costa Mesa
Building and Fire Plan Check and Inspection
Staffing**

Education and Registrations

Various College Coursework (Civil Engineering and Construction Inspection)

Certified Building Official, CBO 1711

Relevancy

40 Years Experience Code Administration

Building Official, 8 Agencies

Successful Track Record Overseeing Expeditious Plan Review

Prepared Ordinances for Code Compliance

Extensive Expertise Facilitating Code Compliance on Regional Malls, Redevelopment Projects, & Mixed-Use Facilities

5 Year Member of the Building Board of Appeals, City of Ontario

Bill Makshanoff, CBO | Project Manager

Bill brings 40 years of experience directing code enforcement, including plan review, building safety administration, inspection, municipal code enforcement, and fire prevention. He provides a full compliment of Building and Safety contract services, including building department administration, plan check, and inspection services for cities and counties in California and has served as a Building Official to eight public agencies.

Select Project Experience:

Bureau Veritas North America - Business Unit Manager

Bill is responsible for the Building and Safety Code Compliance Division in Southern California providing Plan Review, Inspection, Quality Assurance Inspection, Third Party Plan Review, Full Service Building Department staffing as well as Staff Augmentation staffing. Area of responsibility covers clients in Ventura, Los Angeles, Riverside, San Bernardino Counties, and the Coachella Valley.

Building Department Administration - Cities of Laguna Hills, Laguna Niguel, and Rancho Santa Margarita, CA

Bill is responsible for providing full scope of building department services adhering to the individual requirements of each city served. Responsibilities included Building Official duties, Permit Technician counter assistance, over-the-counter plan check, plan check, and inspection services. Also responsible for the collection of permit fees and deposits, permit issuance, reporting, and file maintenance performed by qualified personnel.

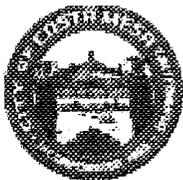
Building Safety Services - City of Rancho Cucamonga, CA

Bill served as the Building Official for nine years, directed all code enforcement activities, including building and safety, municipal code enforcement, and fire prevention for new construction. Managed a staff of 32 with a \$3 million budget. Implemented automated permitting program, represented staff to City Council and Planning Commission, including preparing reports and making recommendations.

Building Safety Services - City of Downey, CA

Bill served as the Building Official for eight years, responsible for overseeing the Building/Safety Division, consisting of building inspection, plan checking, public counter assistance, and code enforcement. Supervised a staff of 16, managed budgets, and wrote agenda, staff reports, ordinances and resolutions for City Council's consideration. Major building projects included the renovation and enclosure of a regional shopping mall. Also oversaw the building of Kaiser Health Care facilities and directed construction of a phased industrial park.





**City of Costa Mesa
Building and Fire Plan Check and Inspection
Staffing**

Certifications/ License: Tom Whisler, PE | Project Manager

Licensed CA Civil Engineer,
ICC Certified Plans Examiner
CA General Contractor
ICBO Building Official
Build It Green Professional

Select Project Experience:

Development Services Manager, County of Santa Clara, CA
Duties included managing the Building Inspection Office, the Land Development Office, and the County Surveyor's Office, as well as the Clean Water Program, the Floodplain Management Program, and the Code Enforcement Program. Major clients included Stanford University, processing plants for a diverse agri-business industry, and capital improvement projects for the County of Santa Clara.

Stanford University, Palo Alto, CA

Projects for Stanford University included:

- Complete tear-down and re-construction of the football stadium
- Reconstruction of the historic Main Quad, including the 1880 Memorial Church and other structures after the 1989 Loma Prieta Earthquake
- Construction of:
 - The Charles Munger Graduate Residential Center
 - The Huang Science and Engineering Quad
 - The Medical School Quad
 - The Clark Center
 - The Bing Concert Hall
 - The Charles Schwab Graduate Residential and Seminar Center
 - The Law School Building with a mock court
 - The Knight Business Management Center
- Completion of a seismic upgrade and accessibility compliance project on Frank Lloyd Wright's Hanna House, due to a change of use from residential space to a conference facility

Sr. Plan Check Engr and Vice-Building Official, County Santa Clara

projects include five Valley Specialty Medical Office Buildings (OSHPD 3), Superior Court House and Justice Administration complex, Sheriff's stations and holding facilities, electrical power generating facilities, and renovation of the historic Casa Grande for the County Parks Department. Also completed plan check and inspection of the Gilroy Gardens amusement park, the redevelopment of the Mountain Winery historic property and buildings, and alternative power generation.

Associate Plan Check Engineer, City of San Diego, CA

Major projects were new residential developments in the communities of Rancho Penasquitos, Tierra Santa, and Rancho Bernardo. Also provided non-structural review for improvements to the Balboa Park buildings, the Port Authority buildings, a 12-story Bank of America building, many office and retail tenant improvements, and residential additions.

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Move Forward with Confidence





**City of Costa Mesa
Building and Fire Plan Check and Inspection
Staffing**

Professional Affiliations: Andrea Coley | Inspection Task Leader

**Sacramento Valley Association of
Building Officials**

Napa/Solano County Chapter

Yosemite Chapter of the ICC

East Bay Chapter of the ICC

Peninsula Chapter of the ICC

CALBO

Achievements and Awards:

**2010 Outstanding Industry Member
Award - SVABO**

**2011 Outstanding Industry Member
Award - SVABO**

Andrea has managed inspection staff for the last four years. She is a liaison between the Bureau Veritas staff and various California jurisdictions. Andrea's responsibilities include supervision of the day-to-day operations of the Bureau Veritas inspection staff who work for various jurisdictions in California. She is responsible for setting up job assignments for our staff to work at City Building Departments as well as establishing and maintaining client relations with the jurisdictions and agencies to ensure that staffing needs are being met by quality and knowledgeable staff. In 2010 and 2011, Andrea received the Outstanding Industry Member Award for her effort, commitment, and dedication to the Sacramento Valley Association of Building Officials.

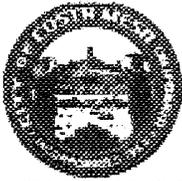
Select Project Experience:

Building Department Services Manager, City of West Sacramento
Currently the main point of contact for the City of West Sacramento and the liaison between Bureau Veritas staff and the City. Frequently monitors the needs of the City to ensure that staff is adequately providing services and exceeding the City's expectations. Assists in the management and coordination of both plan review and inspection activities for the City.

Inspection Services Manager, Dry Creek Rancheria, CA
Provides Inspection Management for the Band of Pomo Indians' casino and resort project. The finished project will total 1,800,000 square feet and will include a hotel with 480 rooms. The casino will contain 2,600 slot machines, and will have two main card rooms. In addition, the resort will include four restaurants, meeting and convention facilities, two pools, two jacuzzis, and a full service health spa. There are also plans for the construction of two nightclubs and two bars. There will be four stories of subterranean parking with 1,700 parking stalls below grade.

Plan Review Services Coordinator, Cities of Lincoln, Burlingame, Vallejo, Rancho Cordova, & Folsom, CA
Coordinates with City Building Officials and plan review staff at the above cities to develop systems for plan delivery, tracking, communication, and project review guidelines. Serves as primary point of contact between Bureau Veritas and cities to ensure plan reviews and inspections are completed on time, invoicing is accurate, and that Bureau Veritas is responsive to their needs.





**City of Costa Mesa
Building and Fire Plan Check and Inspection
Staffing**

Certifications/ License:

ICC Certified Building Official

ICC Certified Building Plans Examiner

ICC Certified Building Inspector

ICC Certified Building Plans Examiner CBC

ICC Building Inspector CBC

Professional Affiliations:

Past President, CBOAC

Past President, Sacramento Valley Chapter ICC

Past President and Member of Board of Directors, Sacramento Valley Association of Building Officials (SVABO)

2007 Industry Member of the Year SVABO

Michael Vieira, CBO | Plan Check Task Leader

Michael's 32 years of experience includes 25 years of government service enforcing Federal, State, and local construction regulations for residential, commercial, agricultural, industrial, manufactured housing, and accessory structures; 16 years as a Building Official, and 11 years as a FEMA Flood Plain Administrator. He also enforced Williamson Act provisions and Subdivision Map Act regulations pertinent to building construction. His experience includes personnel management, building department budgeting and fee analysis. He has mentored many staff members who have been successful later in their careers as building officials, plans examiners, and state and local inspectors.

He is a two time Past President of the Sacramento Valley Association of Building Officials, and Past President of County Building Officials of California. He received the SVABO Outstanding Industry Member Award in 2007. He was awarded the CALBO Presidents Award in 1998 and inducted into the CALBO Hall of Fame in 2005.

Select Project Experience:

Senior Plans Examiner, Bureau Veritas, Sacramento, CA

Michael provides plan review of commercial, industrial, residential, and agricultural structures for compliance with International and California non-structural code requirements. Reviews includes building fire-life safety, energy, electrical, plumbing, mechanical, and accessible code requirements of ICC, Title 24 CCR, and ANSI A117.1. Experience includes business and medical office structures, general purpose national laboratories, schools, jails, courtrooms, military housing, residential single and multi-family structures, residential master plans, industrial, and agricultural buildings.

Building Official and Plans Examiner, Butte County, CA

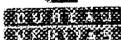
Michael enforced applicable Federal, State, and local construction regulations for residential, commercial, agricultural, industrial, manufactured housing, and accessory structures. Spent 11 years as FEMA Flood Plain Administrator. Enforced certain provisions of the Williamson Act and Subdivision Map Act. Experience in personnel management and building department budgeting and fee analysis.

Building Official and Plans Examiner

Michael provided plan review for the private sector and provided a building official's perspective and special insight that only many years of enforcement experience could produce. Projects included: the \$240 Galleria mall addition and remodel, the South Placer County jail, administration, and minimum security facilities, a one million square foot distribution center, the construction of commercial office, medical office, restaurant, and mercantile buildings, and review of residential master plans for custom residential structures. Also oversaw construction of four-story hotels and a 150,000 square foot Casino with a seven-story parking structure.

Move Forward with Confidence

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Certifications/ License: Daniel Lee SE, CBO | Structural Plan Check Engineer

Registered CA Structural Engineer
S3461

Registered CA Civil Engineer
40866

WA Structural Engineer
#S34081

WA Civil Engineer
#C34081

AZ Structural Engineer
52690

HI Structural Engineer
#S8824

ICC Certified Building Official -
1067085

ICC Certified Building Plans
Examiner - 1067085

ICC Certified Building Plans
Examiner CBC - 1067085

LEED Green Associate

Daniel has over 25 years of experience as a Structural Plan Check Engineer and has provided plan reviews for various Southern California Agencies. He specializes in enforcing various building and State codes for residential, commercial, and industrial buildings that require interaction between engineers, architects, contractors, and owners. Daniel also has experience reviewing plans from a fire and life safety, disabled access, and an energy and utilities standpoint.

Select Project Experience:

Senior Structural Plan Check Engineer, Bureau Veritas, Sacramento

Reviews architectural and structural plans and specifications from a life and safety and engineering standpoint to ensure compliance with all applicable codes and regulations for fire and life safety, structural integrity, disabled access, energy and utilities requirements.

Senior Structural Engineer, City of Dana Point, CA

Served as division head within Building and Safety. Reviewed plans and checked calculations for complex custom-built residential homes, commercial buildings, and earth-retaining structures. Performed complex plan reviews of foundation systems, incorporating caissons. Wrote software programs utilizing 'Palm' operating system to analyze masonry/concrete retaining walls and cast-in-place concrete anchors per ACI 318-05 Appendix D. Responded to inquiries from engineers, architects, and the general public regarding interpretation of technical code requirements and City ordinances. Directed inspection staff in resolving difficult field conditions. Provided over-the-counter plan checks when needed; coordinated and expedited plan check activities with other departments and outside agencies. Designed 'pole' and retaining wall structures for Public Works as required. Conducted technical seminars for the general public. Responsible for all structural plan reviews. Assisted in the life-safety and accessibility review of plans.

Senior Plan Check Engineer, City of Huntington Beach, CA

Reviewed architectural and structural plans and specifications from a life and safety, and engineering standpoint to ensure compliance with all applicable codes and regulations for fire and life safety, structural integrity, disabled access, energy, and utilities requirements. Performed highly responsible professional work in checking designs for residential, commercial, and industrial buildings. Consulted with architects, engineers, contractors, and owners regarding matters such as design, engineering, and regulations governing building plans and construction.





**City of Costa Mesa
Building and Fire Plan Check and Inspection
Staffing**

<p>Certifications/ License:</p> <p>Professional CA Civil Engineer - C 41994</p> <p>ICC Certified Building Official - 5216932</p> <p>ICC Building Plans Examiner - 5216932</p> <p>CBC Certified Plans Examiner - 5216932</p> <p>Structural Engineering Certification Board Certificate</p> <p>CASp Certified Access Specialist DSA</p> <p>Professional Affiliations:</p> <p>International Conference of Building Officials</p> <p>California Building Officials</p> <p>Structural Engineers Association of California</p> <p>American Society of Civil Engineers</p> <p>American Concrete Institute</p> <p>Pre-stress concrete institute</p> <p>International Association of Electrical Inspectors</p>	<p>Sid Danandeh, PE, CBO, CASp, SECB, MS Senior Plan Check Engineer</p> <p>As a certified Building Official and registered Professional Engineer Sid has over 30 years of full-time municipal engineering experience serving major metropolitan local governmental agencies in Southern California.</p> <p>Select Project Experience:</p> <p>Senior Plan Check Engineer, Bureau Veritas, Sacramento, CA Responsible for review and approval on the following projects: providing mechanical, electrical, plumbing, and accessibility review on the Sycuan Casino Expansion. This project includes a 14-story Casino structure, retail, entertainment, dining, public and back of house spaces, and a 5-tier parking structure.</p> <p>Chief Plan Check Engineer, City of Palmdale, CA Served 15 years as the Chief Plan check Engineer and as an Alternate Building Official for the City of Palmdale. Projects included City Hall constructions, court house constructions, major medical facilities, numerous industrial and commercial projects, and residential housing tracts, as well as room additions and single-family dwelling modifications. Involved in review and approval of United States Air Force projects for the material command in the US Air Force Base in Palmdale. Projects included building housing F22, F35, and C130. Represented the building department in the developing advisory board.</p> <p>Plan Check Engineer, City of Ontario, CA Responsible for the review of construction documents for fire stations and major municipal projects such as the \$300 million Ontario Airport expansion project. Other projects included review and approval of numerous million square foot distribution warehouses, including an \$80 million Coca-Cola manufacturer and major restaurants, as well as single-family dwellings and room additions. Represented the City's building department in the technical advisory committee.</p>
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Certifications/ License:
M.S., Civil Engineering
California State University,
Sacramento

B.S., Civil Engineering
California State University,
Sacramento

Registered CA Civil Engineer
CE42260
(Exp. 3-31-2012)

Registered CA Structural Engineer
SE3551
(Exp. 3-31-2012)

NV Structural Engineer
SE/PE12101
(Exp. 6-30-2013)

OR Structural Engineer
SE/PE17442
(Exp. 6-30-2013)

AR Profession Engineer
PE11916
(Exp. 12-31-2011)

TX Professional Engineer
PE94281
(Exp. 6-30-2013)

LEED Accredited Professional

DSA Certified Structural reviewer

DSA Certified Access Reviewer

Alan Ho, SE | Structural Plan Check Engineer

Alan is an experience structural plan check engineers with over 27 years of experience in the industry. He has extensive experience providing plan reviews for various federal, prison and military buildings and is proficient in ETABS, SAP2000 and STAAD programming used to design buildings and bridges. Alan is also expertly certified in plan specific calculations, reviews and responses, designing and building water structures and bridges, construction and investigation reporting, and LEED designing and consulting.

Select Project Experience:

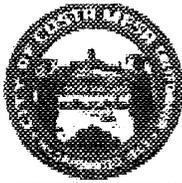
Structural Engineer, Kitchell CEM

Performed structural plan reviews, specifications and calculation reviews per California DSA requirements for the CA Dept. of Corrections and Rehabilitation state prison wastewater treatment plants at Centinela, Tracy, Corcoran, Kern Valley and Mule Creek. Also provided building design analysis and retrofits with RISA 3-D analysis for the California DSA state prison reservoir and government building. Completed structural criteria and plan reviews, shop drawings, RFI, RFC and TIO reviews on behalf of the OSHPD for the \$220 million California Department of Veterans Affairs Complexes in Redding and Fresno, CA. Performed OSHPD structural criteria and plan reviews for the CDCR California Health Care Facility and Dewitt Nelson Medical Conversion Center in Stockton, CA. Also enhanced CDCR outpatient program buildings at CMF, CIM, NKSP, SAC, LAC and COR.

Structural Engineer, Vice President, Cromwell Architects-Engineers Inc.

Designed projects for military commissions, including six control towers for U.S. Air Force airports, buildings and hospitals in U.S., Japan and Korea. Also designed federal buildings with DOD Unified Facilities criteria and blast and progressive collapse requirements. Coordinated designs and plan reviews with in-house staff, architects, M/E/P engineers and clients. Other projects including the \$65 million, 12-story Jackson Stephens Spine and Neurosciences Institute at the University of Arkansas Medical Services, the \$95 million Coscom Army Barracks in Fort Bragg, NC and the \$35 million Army Aviation Facility which includes the largest helicopter hanger in the U.S.





**City of Costa Mesa
Building and Fire Plan Check and Inspection
Staffing**

Certifications/ License:

- Registered CA Mechanical Engineer
26359
- ICC Building Plans Examiner
- ICC Certified Mechanical Inspector
- ICC Mechanical Plans Examiner
- ICC Plumbing Inspector UPC
- ICC Certified Mechanical Code
Official
- ICC Certified Building Official
- ICC Certified Mechanical Inspector
UMC
- ICC Certified Plumbing Inspector
- ICC Plumbing Plans Examiner
- ICC Certified Plumbing Code Official
- Registered Non-Residential Energy
Plans Examiner
- Certified Green Building Professional
- LEED Accredited Professional
- Total Quality Management
- Professional Affiliations:
- Vice-Chair, California Building
Standards Commission 1999-2008
CALBO
- Sacramento Valley Association of
Building Officials (SVABO)
- American Society of Plumbing
Engineers
- Rancho Cordova Chamber of
Commerce
- International Code Council (ICC)
- National Fire Protection Association

**Thomas Trimberger, PE, CBO | Mechanical Plan Check
Engineer**

Thomas has extensive experience with more than 21 years in the building and safety industry. He has also been involved with CEC energy standards development for six years and has experience with LEED review. He is a certified Green Building Professional.

Select Project Experience:

**Mechanical Plan Check Engineer, Ivanpah Solar Generating
Station,
BrightSource Energy**

Located on 3.60 acres of U.S. BLM managed land in southeastern California, the Ivanpah Solar Electric Generating System (ISEGS) is a 392MW solar thermal power facility. The project uses mirrors to focus the power of the sun on solar receivers atop 450 ft power towers. The complex is comprised of three separate plants and will use BrightSource Energy's LPT 550 technology. The solar arrays consist of thousands of software-controlled mirrors tracking the sun in two dimensions and reflecting the sunlight to a boiler that sits atop a tower. When the concentrated sunlight strikes the boiler's pipes, it heats the water inside to 550°C —more than 1,000° F —creating superheated steam at the temperature necessary to achieve the industry's highest operating efficiencies. This high-temperature steam is the piped from the boiler to a standard turbine where electricity is generated. Construction of the project is anticipated to be completed in the last quarter of 2012.

Mechanical Plan Check Engineer, Genesis Solar Energy

The project consists of two independent solar electric generating facilities with a nominal net electric output of 125 megawatts (MW) each, for a total net electrical output of 250 MW. Electrical power will be produced using steam turbine generators fed from solar steam generators. The solar steam generators receive heated transfer fluid from solar thermal equipment comprised of arrays of parabolic mirrors that collect energy from the sun.

Chief Building Official, City of Rancho Cordova, CA

Oversaw all aspects of building and safety, including plan review, permit issuance, field inspection, complaints and violations, business license inspections, staffing, and budgeting. Responsible for the establishment of the new Building and Safety Department for the City.





**City of Costa Mesa
Building and Fire Plan Check and Inspection
Staffing**

Certifications/ License: David Bartholomew, ME | Plan Check Engineer

**CA Registered Civil Engineer
#37873**

**CA Registered Mechanical Engineer
#20412**

**HI Registered Civil Engineer # PE-
11813**

**HI Registered Mechanical Engineer
PE-11813**

Professional Affiliations:

International Code Council (ICC)

David is a registered Professional Engineer with over twenty years of industry experience in building code plan review, structural and mechanical building code interpretation, value engineering, and Civil, Structural, Fire Protection, Plumbing, and Mechanical design.

Select Project Experience:

Mech Plan Check Engr, Ivanpah Solar Generating Station

Located on 3.60 acres of U.S. BLM managed land in southeastern California, the Ivanpah Solar Electric Generating System (ISEGS) is a 392MW solar thermal power facility. The project uses mirrors to focus the power of the sun on solar receivers atop 460 ft power towers. The complex is comprised of three separate plans and will use BrightSource Energy's LPT 550 technology. The solar arrays consist of thousands of software-controlled mirrors tracking the sun in two dimensions and reflecting the sunlight to a boiler that sits atop a tower. When the concentrated sunlight strikes the boiler's pipes, it heats the water inside to 550°C —more than 1,000° F —creating superheated steam at the temperature necessary to achieve the industry's highest operating efficiencies. This high-temperature steam is piped from the boiler to a standard turbine where electricity is generated. Construction of the project is anticipated to be completed in the last quarter of 2012.

Mechanical Plan Check Engineer, Genesis Solar Energy

The project consists of two independent solar electric generating facilities with a nominal net electric output of 125 megawatts (MW) each, for a total net electrical output of 250 MW. Electrical power will be produced using steam turbine generators fed from solar steam generators. The solar steam generators receive heated transfer fluid from solar thermal equipment comprised of arrays of parabolic mirrors that collect energy from the sun.

Plan Check Engineer, GWF Tracy, City of Tracy, CA

GWF Energy will modify the existing Tracy Peaker Plant by converting the existing facility into a combined-cycle power plant with 145 MW of additional generating capacity. This project consists of the power plant, an onsite 230 kV switchyard, an onsite natural gas supply interconnection, an approximately 1,470-foot water supply pipeline, and improvements to an existing dirt access road.

Mech Plan Check Engr, Humboldt Bay Repowering Project

Performed mechanical review for the construction of the 163 MW generating capacity power station. The HBGS is a load following power plant consisting of 10 natural gas-fired Wärtsilä 18V50DF 16.3 MW reciprocating engine-generator sets and associated equipment.





Certifications/ License:

Cristian Son, PE | Electrical Plan Check Engineer

PE in Electrical Engineering,
Romania

CA Registered Electrical Engineer
#E-16910

AZ Registered Professional Engineer
#51091

NV Registered Professional
Engineer #021683

HI Registered Professional Engineer
#14016

Professional Affiliations:

IEEE
NFPA

Member, Institute of Electrical and
Electronic Engineers

Member, National Fire Protection
Association

Member, International Association of
Electrical Inspectors

Cristian has over 20 years of experience as an Electrical Engineer working on various projects. His experience and training includes electrical plan review for power plants and complex industrial facilities, electrical engineering design for commercial facilities, residential structures, and testing of powered equipment. Cristian performs code compliance plan review services and is skilled in electromechanical power equipment review.

Select Project Experience:

Electrical Plan Check Engineer, Ivanpah Solar Generating Station, BrightSource Energy

Located on 3.60 acres of U.S. BLM managed land in southeaster California, the Ivanpah Solar Electric Generating System (ISEGS) is a 392MW solar thermal power facility. The project uses mirrors to focus the power of the sun on solar receivers atop 460 ft power towers. The complex is comprised of three separate plans and will use BrightSource Energy's LPT 550 technology. The solar arrays consist of thousands of software-controlled mirrors tracking the sun in two dimensions and reflecting the sunlight to a boiler that sits atop a tower. When the concentrated sunlight strikes the boiler's pipes, it heats the water inside to 550°C —more than 1,000° F —creating superheated steam at the temperature necessary to achieve the industry's highest operating efficiencies. This high-temperature steam is piped from the boiler to a standard turbine where electricity is generated. Construction of the project is anticipated to be completed in the last quarter of 2012.

Electrical Plan Check Engineer, Genesis Solar Energy

The project consists of two independent solar electric generating facilities with a nominal net electric output of 125 megawatts (MW) each, for a total net electrical output of 250 MW. Electrical power will be produced using steam turbine generators fed from solar steam generators. The solar steam generators receive heated transfer fluid from solar thermal equipment comprised of arrays of parabolic mirrors that collect energy from the sun.

Electrical Plan Check Engineer, City of West Sacramento, CA

Provided electrical plan review services to Shell MCC Upgrade, IKEA, PV solar, Emultech Tank Addition, and West Sacramento AFC.

Electrical Plan Check Engineer, City of Burlingame, CA

Provided electrical plan review services to Coffee Shop, TI's, Compassion Center, BMW, a medical building and office, shopping building, fitness room-OSHPD, and a SBX Corridor.





**City of Costa Mesa
Building and Fire Plan Check and Inspection
Staffing**

Certifications/ License:

**ICC Certified Building Plans
Examiner**

**ICC Certified CAL Green Plans
Examiner**

CA Engineer in Training

Professional Affiliations:

**Structural Engineers Association of
Northern California (SEAONC)**

David Gavranich, EIT | ICC Certified Plans Checker

David has over 15 years of experience providing structural reviews to a large number of jurisdictions in California and Washington State. He is an Engineer in Training and is an ICC Certified Plans Examiner.

Select Project Experience:

ICC Certified Plans Examiner, Bureau Veritas, Sacramento, CA
Responsible for providing plan review for commercial structural building plans and structural calculations for compliance with the Uniform and California Building Codes. The types of buildings reviewed include single and multi-story wood, concrete tilt-up, CMU, steel, and pre-manufactured steel buildings. David also conducts plan reviews for Power and Energy projects for compliance with the California Building Code. All Power and Energy projects were reviewed using electronic plan review methods.

LEED Reviewer, United States Green Building Council (USGBC)
Responsible for providing (LEED) reviews for building attempting to receive certification. The reviews include new construction and major renovation, core and shell development, and schools. Reviews verify that each building is in conformance with the appropriate LEED reference guides.

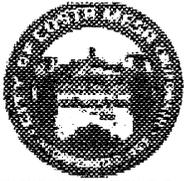
Fort Lewis Town Center – Buildings 23 and 24, City of Fort Lewis
Provided structural plan review for the Fort Lewis Town Center – Buildings 23 and 24 located in Fort Lewis, WA. Each building was a four-story, 14,119 square foot mixed used commercial and residential building. The first floor, commercial B occupancy, was constructed of concrete shearwalls, steel framing, and light gauge steel in-fill framing. The upper three floors, residential R2 occupancy, were constructed of wood modular units that were fabricated in a factory and transported to the site via truck and installed by cranes.

Martis Camp Golf Lodge, Town of Truckee, CA
The Lodge is a three-story, 60,388 square foot structure that contains various amenities including men's and women's locker rooms. The challenging foundation was built on a sloping site that consisted of rock. Since the rock was difficult to excavate in multiple areas, many foundations and retaining walls required doweling and pinning into the rock.

Colusa Generating Station, City of Colusa, CA
The type of structures included temporary and permanent buildings and structures, large equipment platforms, cable tray support structures, and industrial type mechanical equipment support structures. The various structures were pre-manufactured steel buildings, pre-fabricated modular buildings, steel framed structures, and concrete.



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**City of Costa Mesa
Building and Fire Plan Check and Inspection
Staffing**

Certifications/ License:

ICC Accessibility Inspector & Plans Examiner

ICC-B3, Building Plans Examiner

ICC-60, Building Plans Examiner
UBC

CBC Building Plans Examiner

ICC-B1, B2 & B5, Commercial & Residential Building Inspector

ICC-10, Building Inspector UBC

CBC Commercial & Residential Building Inspector

ICC-P1, P2 & P5, Commercial & Residential Plumbing Inspector

IAPMO Plumbing Inspector

CPC Commercial & Residential Plumbing Inspector

ICC-M1, M2 & M5, Commercial & Residential Mechanical Inspector

IAPMO Mechanical Inspector

CMC Commercial & Residential Mechanical Inspector

ICC-E1, E2 & E5, Commercial & Residential Electrical Inspector

CEC Commercial & Residential Electrical Inspector

ICC-C8, Combination Inspector
California Codes Commercial & Residential Inspector

California Codes Combination Inspector

Certified Green Building Professional
Certified Green Points Rater (CGPR)

Rick Mauldin | Building Plans Examiner

Rick is a skilled Plans Examiner and Inspector for major multi-discipline and multi-level building projects, known for providing inclusive plan examinations and support to fellow co-workers and various jurisdictional building staff. As a Building Official, Senior Plans Examiner and Senior Inspector, Rick has 37 years of management, inspection, contracting, building inspection, and building code compliance review experience, including experience with both a city agency and the private sector. He has completed complex reviews of a variety of projects including fire stations, indoor and outdoor malls, multi-story parking structures, hotels and motels, various cellular towers, electrical distribution systems, photo voltaic systems, mechanical systems, plumbing systems, multi-level commercial establishments, various restaurants and fast food buildings, medical and dental offices, commercial swimming pools, mixed use occupancy buildings, multi-family buildings, single and multi-level single-family dwellings and site civil review for site accessibility access. He is also extremely organized and professional when managing several large projects and working with clients.

Select Project Experience:

Building Plans Examiner, City of Roseville, CA

Through Bureau Veritas Rick provides plan review services to the City of Roseville. Projects include restaurant TI, mercantile TI, and other commercial TI projects.

Building Official, City of Oroville, CA

Projects of the City of Oroville included a Sonic Restaurant and the Oroville Transit Station.

Senior Plans Examiner/Senior Building Inspector, Willdan Engineering

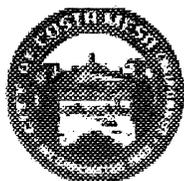
Commercial Plans Examiner, City of Folsom, CA

Projects for the City of Folsom included: Palladio Mall Buildings, including a two-story parking structure, the UC Davis X-ray room, a four-story parking structure and mixed use building, a Nextel cell site, a Bed, Bath, and Beyond large box retail store, several Fresh and Easy stores, the Folsom Fire Station, the LDS Church, a dialysis clinic, and an 88,000 square foot Mercury Insurance Tenant Improvement.

Building Inspector, Plans Examiner, and Acting Building Official, City of Seaside, CA

Building Inspector and Plans Examiner, City of Susanville, CA





**City of Costa Mesa
Building and Fire Plan Check and Inspection
Staffing**

Certifications/ License:

CA Registered Civil Engineer,
#20114

OR Registered Civil Engineer, #7580

CALBO Building Official

Professional Affiliations:

Structural Engineers Association of
Central California (SEACC)

Member, Existing Buildings
Committee, Code Committee

International Conference of Building
Officials (ICBO)

CALBO

Member, Historical Building Code
Committee

Sacramento Valley Chapter of ICBO

Tim Sullivan, PE | Plan Check Engineer

Tim has over 40 years of experience in building safety services. He served the City of Sacramento for more than 15 years in the capacity of Plan Review Engineer, Building Official, and Chief Building Inspector. He also taught the Building Code at a local college for 16 years. Tim has several years of experience performing fire life safety review for all types of buildings including commercial high-rise review.

Select Project Experience:

Plan Review Engineer, City of West Sacramento

Tim is responsible for providing engineering plan reviews for the City of West Sacramento for commercial, industrial and residential projects. Some recent projects that he has reviewed include the Port of Sacramento expansion, Nugget market, Southport Shopping Center, 3 City fire stations, several townhouse projects and the new City of West Sacramento City Hall.

Engineering Consultant

Provided consulting services for issues regarding the building code, structural design, expert witness, and plan review. Acted as code consultant on numerous commercial projects including the 300,000 sq. ft. Cache Creek Indian Gambling Casino, St. Clair's Church in Roseville, the Hall of Justice in Sacramento, the Quan Ying Center in Stockton, to name a few. Provided plan review services for Sacramento County, Elk Grove Unified School, and City of Sacramento in projects such as the Cathedral of Blessed Renovation, and a 25 story office building near the Capitol Mall.

Tony's Fine Foods / Plan Review Engineer, City of West Sacramento

Provided Plan review for structural and life safety for a 52 foot high, 50,000 square foot storage facility with automated cranes.

Fire Station / Plan Review Engineer, City of West Sacramento

Provided Plan review for structural, accessibility and life safety for 2 City fire stations valued at \$4 million each.

Cache Creek Indian Casino and Resort / Building Official, Rumsey Tribal Gaming Agency

Provided building official and plan review services for the 295,000 square foot casino valued at \$300,000,000. With 200 guest rooms, this Type I FR SPR structure has a potential occupancy load of over 10,000 people. The complex also includes a 12,000 square foot spa facility. The project also included a 1,500-space, 5-story parking garage. Oversaw plan review and inspection activities.





**City of Costa Mesa
Building and Fire Plan Check and Inspection
Staffing**

Certifications/ License: Lawrence Leonard, AIA | Building Plans Examiner

United States Air Force, Chanute
AFB Illinois, Jet Engine Technical

De Anza College – AA Design

Licensed Architect State of California
C22880

Registered Architect State of Arizona
27258

Registered Disaster Building
Inspector State of California SA0517

ICC Building Plans Examiner
1065800

Professional Affiliations:

Sacramento Valley Association of
Building Officials – Past President
2005 and 2006

International Code Council

American Institute of Architects

Lawrence has over 20 years of experience in the building industry serving as building inspector, assistant building official, and design architect for projects throughout the state.

Select Project Experience:

Supervising Building Inspector, City of Grass Valley

Responsible for building inspection, plan review and building official duties including building code interpretation, enforcement and city policies. Project manager for city projects.

Assistant Building Official, City of Roseville

Responsible for building department operations including the permit center, plan review, permit technicians, administrative and plan review staff. Duties included city policies and procedures, ICC accreditation and project manager for city projects.

Project Architect/Director of Healthcare Facilities Planning, J. Arthur Gemmel & Associates / HMC Group

Responsible for the management of all healthcare projects, clients and staff for the Sacramento office. Marketing, client contracts, man hour budgets, technical staffing and construction project management.

Principal Architect, Leonard Architects + Planners

Provided architectural services for clients including University of California, Davis Medical Center, Saint Mary's Regional Medical Center, Reno, Nevada along with commercial and custom residential builders and legal expert for construction claims.





**City of Costa Mesa
Building and Fire Plan Check and Inspection
Staffing**

Certifications/ License: Latchezar Radev, PE LEED AP | Plan Check Engineer

**Registered CA Civil Engineer
C68700**

**ICC Certified Building Plans
Examiner - 5055308**

**ICC Certified Accessibility Inspector/
Plans Examiner - 5111275-21**

LEED Accredited Professional

Professional Affiliations:

International Code Council (ICC)

**National Fire Protection Association
(NFPA)**

Contact Information:

T. 916.725.4200

**latchezar.radev@us.bureauveritas.
com**

Latchezar has more than 14 years of experience as a Plan Check/ Civil Engineer with emphasis in structural, architectural, fire/life safety, and accessibility plan review of buildings and structures. He has comprehensive knowledge of CA Building Codes (CBC), International Building Codes (IBC), Americans with Disabilities Act (ADA), CalDAG, California Energy Standards, ASCE7-05, ACI-308, NDS, AISC Manual, and other nationally recognized standards. In addition, he has CMC, CEC, and CPC knowledge. Latchezar's structural and architectural design experience encompasses both commercial and residential buildings including concrete, steel, and light frame wood structures. He has knowledge of structural analysis software SAP2000, RISA3D, Enercalc, and drafting skills-AutoCAD.

Select Project Experience:

Senior Plan Check Engineer, Burlingame, CA

Latchezar provides in-house plan review engineering for the City of Burlingame, CA. Projects include residential new construction, residential additions, commercial new construction, and commercial tenant improvements (TI).

Senior Plan Check Engineer

He supervised and plan checked complex commercial and residential projects (structural, architectural, accessibility, energy, mechanical, plumbing, electrical reviews). Involved in overall process of work performance/effectiveness improvements.

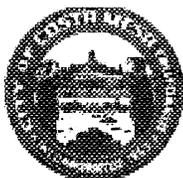
Plan Check Engineer, Private Sector

Latchezar provided the plan review of buildings and structures (structural, architectural, and accessibility), staff management and supervision of junior engineers and technical assistance, work flow distribution, building permit/plan check fees estimates, participated in company meetings regarding office performance, effective management techniques, and organizational issues.

Plan Check/Structural Design Engineer, Private Sector

Latchezar completed the plan review and structural design of buildings and structures under supervision of licensed structural engineers and plan reviews in California and Arizona. Building Codes and Standards comprehensive study and application in plan review process.





**City of Costa Mesa
Building and Fire Plan Check and Inspection
Staffing**

Certifications/ License: Stephen Twist, CASp | Plans Examiner

**Certified Plans Examiner
#5218650-60**

**Certified Access Specialist CASp#
393**

Stephen has 8 years of plan review experience, including 5 years of jurisdictional experience, third party expedited plan review, and residential and commercial plan review. Stephen has done access evaluation of multiple commercial buildings in the Sacramento area, and is capable of performing fire and life safety, plumbing, mechanical, electrical, and structural reviews on both commercial and residential structures. Stephen also has 15 years of experience as an excavation contractor specializing in site prep, footing, septic systems, and road construction.

Select Project Experience:

Senior Plans Examiner, Bureau Veritas, Sacramento, CA
Plan review of commercial, residential buildings for compliance with California structural and non-structural code requirements. Review includes building fire/life safety, energy, electrical, plumbing, mechanical, and accessible code requirements of ICC, Title 24 CCR, and ANSI A117.1. Experience includes business and medical office structures, residential single and multi-family structures, residential master plans.

Plans Examiner, Various CA Building Departments
Enforced applicable State, and local construction regulations for residential and commercial, manufactured housing, and accessory structures.

Plan Review

- Performs commercial plan review for the following projects:
- Holiday Inn Express, El Dorado Hills, CA
- Kovar Karate Studio, Placer County, CA
- Mercedes Benz, El Dorado Hills, CA
- Town Center East, El Dorado Hills, CA
- Mercy Housing Project, El Dorado Hills, CA
- El Dorado Hills Auto Lube & Car Wash
- Residential Plan Review:
- Fire, Life and Safety & Structural: El Dorado, Placer, Sacramento County and City of Sacramento





Certifications/ License: Paul Klein, CASp | Building Plans Examiner, CASp

**ICC Certified Building Official
#0873983-CB**

**DSA Certified Access Specialist
CASp#68**

**ICC Certified Plans Examiner
#873983-60**

**ICC Certified Building Inspector
#873983-10**

**ICC Certified Mechanical Inspector
#87398-40**

**ICC Certified Combination Inspector
#75353**

**ICC Certified Electrical Inspector
#873983-E5**

**IAPMO Plumbing Inspector
#98358**

**Professional Affiliations:
President, SVABO**

**Instructor, American Institute of
Architects, 2009-2010**

**Plans Examiner for CALBO for
Annual Education Week, 2001-2006**

Marysville Planning Commission

Paul has 20+ years of construction experience in the building plan review and inspection disciplines, including providing services for numerous multi-million dollar projects. He possesses comprehensive knowledge of the California Building, Plumbing, Mechanical, Electrical, Energy Standards, and Accessibility codes, as well as being versed in training, education and instruction of technical codes, staff management, project coordination, project deadlines, independent judgment, design problems and solutions, document preparation and report writing. Paul has obtained multiple certifications and as assembled a positive rapport with many industry professionals including engineers, architects, elected officials, and the public.

Select Project Experience:

Chief Building Official, Yuba City

Manages the day to day operations of the building division within the Community Development Department. Responsibilities include applications of the City Building and Safety Codes as well as the California Building Standards Codes. Performs staff evaluations, staff training, disciplinary actions, and establishes division goals and objectives. Duties include preparing City Council staff reports, ordinance amendments, and budget requests.

Assistant Building Official, Butte County

Assisted in the Management of the Building Division, which included a staff of 22—inspectors, plan checkers, a plan check engineer, permit technicians and code enforcement officers. Performed staff evaluations, staff training, disciplinary actions and established division goals and objectives.

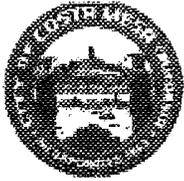
Assistant Chief Building Official, Yuba County

Responsible for the inspection, plan check, and permit technician staff. Assisted in staff evaluations, staff training, and establishing division goals and objectives. Assisted the preparation of Board of Supervisor's staff reports, ordinance amendments, and budget requests. Responsible for the Building Division in the Chief Building Official's absence. Official ombudsman for the entire Community Development Department. Implemented and managed the automated permitting system.

Plans Examiner II, City of Roseville

Performed plan review for all types of structures ranging from industrial and commercial to residential. Managed consultants for all master plan and production housing developments as well as a large work load of tenant improvements.





City of Costa Mesa
Building and Fire Plan Check and Inspection
Staffing

Certifications/ License:

Bradley Waldrop, PE | Project Manager / Structures Representative

B.S.C.E.

Registered Civil Engineer - CA
 #59724

Bradley has more than 22 years of civil engineering experience specializing in public works design, transportation planning and design, and structural design. He is currently the Director of Operations for the Public Works Services group within Bureau Veritas. Bradley's understanding of the big picture and the importance of being the trusted advisor to his clients has helped him to build a successful professional practice. His projects have ranged from bridge design to full service public works enterprises. Bradley's responsibilities have included regional management, office management, design group leadership, marketing, multi-discipline project leadership, design-build, construction management, rail design and coordination, structural design, land development, staff training and design oversight. He has been involved in the design of projects with a combined construction value of more than \$3 billion.

Affiliations:

American Public Works Association
 (APWA)

American Society of Civil Engineers
 (ASCE)

International Code Council (ICC)

American Institute of Steel
 Construction (AISC)

Select Project Experience:

Rancho Mission Viejo Infrastructure Plan Review, County of Orange, CA. Principal-in-Charge for plan check review of various infrastructure projects associated with Planning Area 1 and backbone infrastructure of the Ranch Plan (including roadway design reports and plans, drainage studies, bridge design reports, rough grading plans, geotechnical reports, and riverine reports).

Engineering Plan Review, San Bernardino Associated Governments; Cities of San Bernardino, Placentia, Rancho Santa Margarita, and Menifee; County of Orange, CA. Principal-in-Charge for review of grading plans, improvement plans, sewer and water studies, hydrology/hydraulic studies, and bond estimates on an as-needed basis. Plans range from minor to major residential subdivisions and commercial/industrial sites.

The Crossings, Victorville, CA. Project Manager for the civil, structural, and map review of improvement plans for a 1,000-acre mixed-use development as well as the preparation of a regional master plan of drainage for a 5,100-acre area.

Northwest Embankment Slide Mitigation, Dry Creek Rancheria Band of Pomo Indians, Healdsburg, CA. Plan Reviewer to provide structural plan review of tieback walls for a slope stabilization project.

Slurry Seal and Pavement Rehabilitation/CIP Projects, City of Laguna Hills, CA. Principal for the inspection of pavement rehabilitation and road widening projects as part of a Capital Improvements project. These included El Toro Road Widening, a \$3.5 million widening from Paseo de Valencia to I-5, and Moulton Parkway Rehabilitation, as well as park rehabilitation projects.

Move Forward with Confidence





**City of Costa Mesa
Building and Fire Plan Check and Inspection
Staffing**

Certifications/ License: Tina York, PE | Civil Plan Review

**B.S., Civil Engineering,
Registered Civil Engineer, CA,
#46367**

Tina has 15+ years of experience focusing on civil plan review, project management, and civil engineering. Having overseen plan review services for 15+ agencies, she has customized plan review reports and tracking logs, checklists, and budgetary worksheets for tracking inspection costs. Tina has also managed a web-based plan review tracking system to give agency staff 24/7 project status and implemented electronic plan reviewing to enhance communication, reduce review times, and save money.

Select Project Experience:

As-Needed Plan Check Services for Private Development Projects, County of Imperial Project Manager/Civil Plan Review Technical Expert for review of grading plans, improvement plans, sewer and water studies, hydrology/hydraulic studies, and bond estimates on an as-needed basis. Plans range from minor to major residential subdivisions and commercial/industrial sites. Tracks projects from first submittal to agency acceptance via web-based system and uses electronic plan reviewing.

Engineering Plan Review, City of Ontario Project Manager for review of grading plans, improvement plans, hydrology/hydraulic studies, sewer and water studies, P-WQMPs and F WQMPs, and bond estimates on an as-needed basis. Plans range from minor to major residential subdivisions and commercial/industrial sites. Services have also included tracking projects from first submittal to City acceptance via web-based system as well as electronic plan reviewing. Managed the review of 958 plan sheets from 85% Submittal within three weeks, review of 35% design submittal for all backbone streets within New Model Colony East (~ 65% of total project), and review of 65% design submittal for 5 of 12 major backbone streets.

Engineering Plan Review, Cities of Hesperia, Lake Elsinore, Murrieta, Mission Viejo, Indio, Cathedral City, Escondido, Carlsbad, San Marcos, Oceanside, Vista; Counties of Riverside; Inland Empire Energy Center; and Otay Water District Plan Reviewer/Project Manager/Principal-In-Charge for review of grading plans, improvement plans, sewer and water studies, hydrology/hydraulic studies, and bond estimates on an as-needed basis. Plans range from minor to major residential subdivisions and commercial/industrial sites. Tracks projects from first submittal to agency acceptance via web-based system and uses electronic plan reviewing.





**City of Costa Mesa
Building and Fire Plan Check and Inspection
Staffing**

Certifications/ License: Michael Middleton, PE | Civil Plan Review

Professional Engineer
California, No. 29485

Professional Engineer
Washington, No. 21342

Professional Engineer
Hawaii, No. 7194

Professional Affiliations

American Public Works Association

California Land Surveyor's
Association

Michael Middleton, PE has over 25 years of professional engineering experience. He has technical expertise in commercial land development, municipal capital improvement projects, municipal review and staff services, and marine engineering and waterfront development.

Select Project Experience:

Building Permit / Improvement Plan Review Services

Provides civil review services for both Public Works and Building permits for jurisdictions throughout California. Services include review for conformance to the California Building Code, NPDES Permit / Clean Water Act requirements, and local requirements and standards.

City Surveyor / Map Review Services

Reviews subdivision maps for conformance with the California Subdivision Map Act, Land Surveyor's Act, and local ordinances throughout California. Serves as City Surveyor for five California jurisdictions.

Bellevue Ranch Development - Merced, CA

Provided development review services to the City of Merced for this 1365 acre mixed use project. When complete, Bellevue Ranch will consist of 35 major subdivisions with over 3,000 residences.

Mission Bay Development - San Francisco, CA

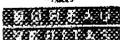
Prepared the master grading and storm drainage plans for this \$3-4 billion, 216 acre development in San Francisco. At the request of the City of San Francisco, Mr. Middleton reviews all development plan submittals within the Mission Bay project area for conformance with the master plan.

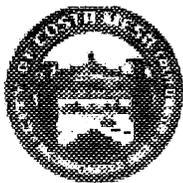
Genetics and Plant Biology Complex - UC Berkeley

As consultant to HOK Architecture, provided comprehensive infrastructure design services for this \$85 million addition to the UC Berkeley campus. Of particular importance was the routing of a complex array of piped and wired utilities within constricted areas by use of utility tunnels.

Iron Horse Bridge - Walnut Creek, CA

Managed the design of this steel arched pedestrian bridge spanning 120 feet over Ygnacio Valley Blvd. Provided value engineering services which reduced the capital cost of the bridge over \$300,000, to maintain the project budget of \$1.1 million.





City of Costa Mesa
Building and Fire Plan Check and Inspection
Staffing

Certifications/ License:

Registered Civil Engineer:
California, #22365

Registered Civil Engineer, Florida,
No. 51120

Paul Hardy, PE | Civil Plan Review

Paul has over 25 years of civil engineering experience encompassing plan checking, infrastructure and roadway design, public works administration, municipal project management and construction management. He has worked as city engineer for a number of cities in the San Francisco Bay Area and is familiar with the issues involved with planning and implementing major infrastructure improvements. In addition to municipal capital improvements, Paul was the Project Manager and Principal-in-Charge of a number of major residential subdivision projects comprising more than 3,000 units. He has performed plan reviews for residential and commercial developments for the Cities of San Francisco, Dublin, Danville, Orinda, Concord, Fairfield, Lincoln, Citrus Heights, and San Pablo.

Select Project Experience:

Bayview Roadway Reconstruction – Phase II, City of San Pablo
Project Manager for roadway improvement project that included the removal and replacement of asphalt concrete pavement for 2+ miles of city streets. Roadway drainage was improved with the removal and replacement of curb and gutter and non-compliant curb ramps and sidewalk were replaced. Storm drain inlets and pipes, signing and striping, and installation of a traffic circle and K-rail were also incorporated.

Concord Streetscape Project, City of Concord, CA.

Project Engineer for the design and preparation of construction contract documents for the improvement of 1,100 feet of roadway to include both hardscape and landscape improvements as an entryway enhancement project on Willow Pass Road.

Heart of Orinda Streetscape Project, City of Orinda, CA.

Project Engineer for the design and the development of the construction contract documents for this high profile street improvement project. The project limits included the business district of the City. Services also included construction support.

Blithedale Streetlight Replacement Project, City of Mill Valley

Senior Engineer for the plans and specifications to install new decorative streetlights in Mill Valley as part of a Rule 20A utility underground project. Assisted the City with Rule 20A coordination with PG&E during the design phase.

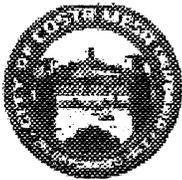
Master Drainage Plan for Mission Bay, City of San Francisco, CA.

Project Engineer for the planning and master plan drainage design of the Mission Bay area for the 5, 10, 25 and 100 year design storms. This tidal area was subject to long term settlement that affected the various drainage basins.

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Move Forward with Confidence





Certifications/ License: Steve Jensen, PE, CBO | Fire Plan Review Engineer

Professional Engineer, Fire Protection, License # FP 1561 – State of California

Registered Professional Engineer, Fire Protection, License # 34616 – State of Arizona

CALBO Certified Building Official

ICC & ICBO Plans Examiner

ICC & ICBO Building Inspector

ICC & ICBO Plumbing Inspector

ICC & ICBO Mechanical Inspector

ICC & ICBO Electrical Inspector

ICC & ICBO Combination Inspector

ICC Certified Building Official

IAPMO Mechanical Inspector

Steve has 26 years of experience working in the building industry. The majority of Steve's experience is as a Building Official in several locations in California. He has extensive knowledge of the California Building Codes and the ICC Building Codes.

Select Project Experience:

Chief Building Official

Bureau Veritas North America, City of Sacramento, CA

River Rock Casino

Chief Building Official for Dry Creek Rancheria, Band of Pomo Indians. Stephen provides CBO services for their existing facility and future casino and hotel expansion.

Chief Building Official

City of Napa

Steve managed the Building Inspection and Code Enforcement Divisions of the Community Development Department. Responsible for the administration of all City activities related to setting and ensuring compliance with model code standards including plan check, inspection and zoning matters. Designated building official for the city. Developed and provided comprehensive training programs for division staff. Evaluated and approved alternate methods and materials for construction. Promoted the use of energy efficient construction including green building, solar and photovoltaic energy conservation methods. Encourage and enforce disability access laws in public buildings and multifamily housing. Supervised a staff of 10 persons.

Chief Building Official

County of Marin

Steve administrated a comprehensive building inspection program within the unincorporated areas of the County of Marin. Served as the head of the Building and Safety Division within the Community Development Agency. Responsible for building permits, inspections and fire prevention including the Building Appeals Board and building code enforcement. Planned, directed, supervised and coordinated the County's building inspection and housing enforcement programs. Provided policy guidance and direction in the implementation and enforcement of applicable laws and ordinances for a uniform building inspection program which considers community needs and changing construction industry materials, practices and safety procedures. Promoted the use of alternative building materials and methods including green building practices, energy conservation and fire safety. Supervised a staff of 15 persons.





**City of Costa Mesa
Building and Fire Plan Check and Inspection
Staffing**

Certifications/ License: Anne Marie Bland | Fire Plan Reviewer

Certified Fire Code Inspector

Fire Prevention Officer I - #771364

Fire Prevention Officer II - #870052

Fire Prevention Officer III - #870030

Fire Investigation 1A

**Hazardous Materials Technician -
#870251**

**PC 832 -- Firearms and Arrest
Procedures**

Anne Marie is a Certified Fire Code Inspector and possesses 25 years of combined inspection and plan review experience for municipal agencies as well as private businesses. She has inspected numerous building types including commercial high rise, hospitals, residential, and educational structures for assembly and hazardous materials to determine compliance with the Uniform and California Fire and Building Codes as well as other pertinent codes and ordinances. Anne Marie has also reviewed plans for new construction and tenant improvements to ensure proper fire protection system installation and code compliance. Anne Marie has also supervised and trained inspectors to conduct routine inspections.

Select Project Experience:

Fire Plans Examiner

Cities of Hemet, Murrieta, and Orange, CA

Anne provided review of plans for compliance with Uniform Fire Code requirements including commercial and residential fire sprinkler and fire alarm systems.

Fire Plans Examiner

City of Huntington Beach, CA

Anne provided as-needed Uniform Building Code plan review services including detailed plan check of fire and life safety requirements, and fire sprinkler and alarm systems.

Fire Prevention Officer

Carlsbad Fire Department, CA

Anne plan checked new and existing buildings and fire protection systems. Field inspections of all types of occupancies and fire protection systems.

Fire Safety Specialist

City of Orange and City of Santa Ana Fire Departments, CA

Anne inspected all occupancy types including high rises, hospitals, jails, residential, residential care, educational, assembly and hazardous for the purpose of determining compliance with the Uniform and California Fire and Building Codes, and other pertinent codes and ordinances. Reviewed plans for fire protection system installation and new construction. Inspect fire protection systems, witness tests, issue correction notices and violations. Assisted and trained fire suppression personnel in conducting routine inspections. Assisted on scene on fire investigations.





Certifications/ License:

David Dewey | Fire Plan Checker/Inspector

CSFM Certified:
Chief Officer
Fire Fighter III
Fire Investigator III
Fire Protection Specialist
Hazmat First Responder &
Tech Specialist
Plans Examiner
Public Education Officer

David provides building, fire/life safety plan review, consulting services, and conceptual design review assistance for new and existing facilities. He is currently the lead fire plan reviewer for the City of West Sacramento and also serves as Fire Marshal for the River Rock Casino project. He also provided fire/life safety reviews for the \$1.8 billion Norman Y. Mineta San Jose International Airport expansion project.

NAFI Certified:
Fire/Explosions Investigator

Select Project Experience:

Lead Fire Plan Reviewer, City of West Sacramento, CA
Currently performs fire plan reviews for the City of West Sacramento, CA. Reviews include buildings of multiple occupancy types, including large industrial facilities, high-rise buildings, and office and retail structures.

Professional Affiliations:

National Fire Protection Association
International Fire Marshals
Association
International Code Council (ICC)
Office of the State Fire Marshal –
Fire Extinguisher Advisory Board
Member (2003)
Northern Area Fire Prevention
Officer Section, California Chiefs’
Association
San Mateo County Fire Prevention
Officers’ Section
San Mateo County Fire Chiefs’
Association- Past President
Bay Area Rapid Transit District Fire
Liaison Committee
California Congress of Arson
Investigators

Fire Marshal, River Rock Casino

Performed fire and life safety reviews of all additions, alterations, and improvements for the River Rock Casino in Geyserville, CA. The River Rock Casino is in the planning stages for a new Tuscan style village which will include a 260 room high-rise hotel, meeting rooms, pool and spa, restaurants, gardens, waterfalls, and luxury suites.

Fire/Life Safety Plans Examiner, Lawrence Berkeley National Laboratory

Performed plan review for multiple expansions and upgrades to the Lawrence Berkeley National Laboratory. Duties included performing complex fire and life safety inspections, construction and fire protection plan review, and advisory duties. Developed and conducted fire and life safety education and awareness programs for laboratory employees and fire department personnel. Developed, supervised, and maintained the laboratory Vegetation Management Plan.

Raley Field, City of West Sacramento, CA

Served as the plans examiner for the 3,500 person, stadium completed in 2000. Home to the Oakland Athletic's Triple A baseball team, the venue is also utilized as an open-air entertainment facility and includes a stage, backstage facilities, luxury suites, box seats, concession stands, and restrooms.





City of Costa Mesa
Building and Fire Plan Check and Inspection
Staffing

Certifications/ License: Elaine Clark | Fire Plan Checker/Inspection

BS, Fire Protection Engineering
University of Maryland

Fire Protection Certificate, University
of California, Davis

Professional Affiliations:

National Fire Protection Association,
Northern California

Elaine has over 20 years of experience in fire protection services. She has served as a fire code specialist responsible for providing plan review and inspection, and for developing customized solutions on fire related challenges for a variety of commercial, industrial, and residential properties.

Select Project Experience:

Fire Code Plans Examiner and Inspector, City of West Sacramento, CA

Responsible for providing plan review and inspection on various commercial and industrial projects such as an IKEA store, a 330,000+ square foot retail facility designed with unique egress requirements and strict European guidelines that do not always match UCBO requirements.

Fire Code Inspector, Genentech Biotech Facility, City of Vacaville

Fire code inspector responsible for performing plan review and inspections on 5 of 10 new buildings for compliance with local and state fire codes for this pharmaceutical manufacturing, research, and development facility. Scope included fire alarm, fire sprinkler, FM200 system, and underground sandpipe system.

Fire Prevention Officer, Carlsbad Fire Department, Carlsbad, CA

Plan checked new and existing buildings and fire protection systems. Field inspections of all types of occupancies and fire protection systems.

Fire Inspector, Cache Creek Casino and Resort, Rumsey Tribal Game Agency, CA

Provided inspections on the various protection systems (fire alarm, ansl systems, fire sprinkler, FM2000 system, kitchen fire suppression systems, and dry sandpipe system) for this project that consisted of a casino and a 4-story hotel. Due to the fast track nature of this project, fire protection systems were installed almost as fast as plans were being developed, resulting in numerous field changes to the systems throughout the plan approval process. These changes had to be made while maintaining at least minimum fire and life safety requirements.

Fire Protection Engineer, City of West Sacramento, CA

Responsible for providing plan review of architectural and engineering plans for compliance for fire protection codes using NFPA, UFC, and UBC standards. Served as a liaison between the Fire and Building Departments. Maintained technical assistance between plan review and field inspections for various City projects including the ARCO Arena, where fire sprinkler expertise was provided.





Certifications/ License: Daniel Feeney | Inspector

Building Inspector #5220338-10

Building Inspector UMC #5220338-85,

Mechanical Inspector UMC, #5220338-44

Plumbing Inspector UPC, #5220338-34

Building Plans Examiner #5220338-60

Building Plans Examiner, #5220338-K8, UMC

Building Plans Examiner CBC, #0010492-83

P.C. 832 – Arrest and Control

Daniel has extensive knowledge and experience as a Building Inspector and Building Plans Examiner. He has been inspecting structures under construction, evaluating building, electrical, mechanical and plumbing systems for compliance with applicable codes. His vast knowledge of the operations of a Building Department has allowed him to manage inspection and document control staff.

Select Project Experience:

Inspector, City of Costa Mesa, CA

Daniel provided inspection services for the City of Costa Mesa. Inspections included residential new construction, residential additions, commercial new construction, and commercial TI projects.

Inspector, City of La Puente, CA

Provided residential and commercial inspections throughout the City. Provided building, mechanical, plumbing, electrical, fire, and accessibility inspections to residential and commercial buildings, and covered the permit counter when needed.

Supervising Inspector, City of Palmdale, CA

Provided building, mechanical, plumbing, electrical, fire, and accessibility inspections to residential and commercial buildings. Managed six building department employees, and covered the permit counter when needed.

Inspector, City of Rancho Mirage, CA

Provided residential and commercial inspections throughout the City. Provided building, mechanical, plumbing, electrical, fire, and accessibility inspections to residential and commercial buildings, and covered the permit counter when needed.





Certifications/ License: Jerry Chisholm | Inspector

ICC/ICBO Certified Combination
 Inspector (#5393030-50)

10 Hour OSHA For General Industry

40 Hour HAZWOPER (Hazardous
 Waste Operations & Emergency
 Response) as described by 29 CFR
 1910.120

Professional Affiliations:

Green Building Training Program

Green Building Professional

Title 24 California Energy Efficiency
 Standards

Building Performance

Home Energy Rater

Building Analyst Professional

Envelope Professional

Water/Energy Auditor

Accredited Green Plumber

Jerry is a Journeyman electrician with over 20 years of experience in various disciplines of building maintenance and construction. He has worked in both new construction and electrical maintenance of power refinery plants. His new construction experience includes construction of electrical systems in commercial and industrial buildings, and residential properties. He has performed service panel installations as well as installation of brand circuits, feeder, and tap circuits. He has also installed machinery, raceways, lighting, and outlets.

As a plant a field engineer in the energy industry, Jerry maintained and upgraded electrical motors and switchgear in power plants and refineries. This work included complete change out of electrical systems during routine shutdowns. Jerry also has experience with construction of concrete flatwork and foundations, roofing installations, and general construction work.

Select Project Experience:

**Inspector of Record for the City of San Diego
 2010-2011**

Inspector of Record on a Government project for a Pedestrian Walkway that was replacing the Walkway over the I-5 freeway at the border from Mexico to the USA. Inspected the installation of light poles, ramp lights, panels and underground wiring lines for Electrical and inspected irrigation lines, water lines and drinking fountains for Plumbing all under ADA compliance.

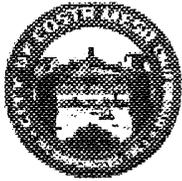
**Inspector of Record for Camp Pendleton
 2009 – 2010**

Inspector of Record for a project at Camp Pendleton valued at \$1.5 million USD and consisted of a complete remodel from a commercial structure into a Coco's restaurant. Project included a kitchen, mezzanine, dining room, patio, and restrooms all under ADA compliance, including paths of travel. Responsible for inspection of building, electrical, mechanical, and plumbing.

**Inspector of Record for City of Hawaiian Gardens, CA
 2007 – 2008**

Inspector of Record for Bureau Veritas North America Inc. working for the Los Angeles County Library and Public Safety Center for the City of Hawaiian Gardens. Project valued at \$2.5 million USD and consisted of the complete remodel of a commercial structure into a two-story building consisting of a library on the first floor, two classrooms, Sheriff's office, children's nursery, with a kitchen and other offices on the second floor. Responsible for inspection of electrical, mechanical, plumbing, and ADA compliance, including paths of travel. Also inspected landscaping, concrete, asphalt work, and parking stalls.





Certifications/ License:
IAEI Master Electrical Inspector
CEI-M-166 (Exp.10-31-14)
ICC Certified Combination Inspector
5254664-C8 (Exp.8-10-14)
ICC Certified Commercial Combination
Inspector
5254664-C5 (Exp.8-10-14)
ICC Certified Building Inspector
5254664-B5 (Exp.8-10-14)
ICC Certified Commercial Building
Inspector
5254664-B2 (Exp.8-10-14)
ICC Certified Electrical Inspector
5254664-E5 (Exp.8-10-14)
ICC Certified Electrical Plans Examiner
5254664-E3 (Exp.8-10-14)
ICC Certified Commercial Electrical
Inspector
5254664-E2 (Exp.8-10-14)
ICC Certified Mechanical Inspector
5254664-M5 (Exp.8-10-14)
ICC Certified Commercial Mechanical
Inspector
5254664-M2 (Exp.8-10-14)
ICC Certified Plumbing Inspector
5254664-P5 (Exp.8-10-14)
ICC Certified Commercial Plumbing
Inspector
5254664-P2 (Exp.8-10-14)
ICC Certified Residential Combination
Inspector
5254664-R5 (Exp.8-10-14)
ICC Certified Residential Electrical
Inspector
5254664-E1 (Exp.8-10-14)
ICC Certified Residential Building
Inspector
5254664-B1 (Exp.8-10-14)
ICC Certified Residential Plumbing
Inspector
5254664-P1 (Exp.8-10-14)
ICC Certified Residential Mechanical
Inspector
5254664-M1 (Exp.8-10-14)
CA State Building Inspector
SAP62736 (Exp.4-30-16)
General Journeyman Electrician CA.
107473 (Exp.9-20-12)
Electrician Journeyman ELO1 WA.
HUMPHSJO22LF (Exp.2-26-13)

Electrical Continuing Education
Instructor: Dept. L&I

Scott Humphrey | Inspector

Scott has 25 years of work experience as a licensed journeyman electrician and has worked on residential, commercial and industrial sites. He has extensive experience working with renewable energy projects and generating stations, and specializes in code compliant electrical installations. Scott is currently working on the largest Photo Voltaic project in North America - SolarOne PV project located in Southern California.

Select Project Experience:

Field Label Evaluator, Commercial & Electrical

Performed installation and modification inspections to UL safety standards. Performed installation inspections to NFPA 70. Performed preliminary design review of field modified equipment. Issued reports of compliance and noncompliance. Authorized issuance of ETL field labels confirming compliance to UL safety standards. Provided NEC education on PV systems to authorities having jurisdiction and IAEI/ ICC members.

Field Operations Manager

General Electric Renewable Energy

Performed installation inspections to validate GE quality standards, which included metal clad switchgear and 1.5 MW converters. Managed installation process for solar electric systems in US, Europe and Asia. Provided installation and technical instructions to installers to ensure proper installations. Served as point of contact for technical questions. Designed AutoCAD drawings, prepared site plans and layouts for solar electric installations. Troubleshot systems and assisted installers in identifying and correcting installation issues. Developed and conducted training.

Combination Inspector II

City of San Diego Development Services

Lead inspector for the City of San Diego photovoltaic inspections. Responsibilities included training staff and other stakeholders in photovoltaic inspections. Performed inspection work in all fields of building inspection. Inspected residential structures, including: multifamily housing units for conformance with municipal building construction, zones and grading codes. Maintained records, prepared reports and issued correction notices.





**City of Costa Mesa
Building and Fire Plan Check and Inspection
Staffing**

Certifications/ License:

- ICC Certified Building Inspector
- ICC Certified Combination Inspector
- ICC Certified Electrical Inspector
- ICC Certified Mechanical Inspector
- ICC Certified Plumbing Inspector

Tim McMillan | Inspector

Tim has more than 10 years of extensive inspection experience with multiple jurisdictions throughout California. He has provided inspection and code enforcement services to several jurisdictions throughout California and is well versed in code requirements and customer service.

Select Project Experience:

Building Inspector, City of Napa

Tim provided commercial and residential single and multi-family inspections for the City of Napa for approximately 3 months while the City inspector was on leave. He provided code enforcement services by issuing red tags for unpermitted work as well as doing follow-up inspections. He provided inspection services for a 330 room and conference center addition to a hotel on the outskirts of the City of Napa. In addition, he inspected 2 dental offices from foundation pouring through construction completion.

Building Inspector, City of Sacramento

Tim performed inspections on rental homes as a part of the Rental Inspection Housing Program. Other tasks included residential and commercial building inspections, code enforcement, and housing and dangerous building inspection. Tim provided a damage assessment of a local restaurant that had been severely damaged in a fire. Tim guided the client through the permit process, code enforcement process, and finally through the inspections during construction to reopening. Tim also provided case management services for the City Code Enforcement team by responding to complaints and tracking those complaints from the initial complaint through resolution.

Inspector, City of Stockton, CA

Tim provided inspections for residential buildings, ensuring that construction followed all adopted building codes, submittals, and approved plans. Some projects included new construction, residential and commercial projects. Inspected 3 independent housing tracts, from foundation to construction completion.

Inspector, City of Jackson, CA

Tim provided inspections for residential and commercial properties. Inspections included multi-family homes, single family homes, commercial TIs, and additions. Tim provided inspections of the foundation through construction completion of an office building for the County of Amador. During his time in Jackson, Tim inspected 300 residential homes from foundation through construction completion.

Inspector, City of Pleasant Hill, CA

Tim provided residential and commercial inspections to the City of Pleasant Hill. He ensured that construction adhered to all adopted building codes, submittals and approved plans.

Move Forward with Confidence





**City of Costa Mesa
Building and Fire Plan Check and Inspection
Staffing**

Certifications/ License: Leon McNeil | Senior Inspector

**ICC Certified Residential
Combination Inspector**

Professional Affiliations:

**ICC Mechanical and Plumbing Code
Committee (2003-2004)
ICC Chairman/Moderator ES
Evaluation Committee (1998-1999)
ICC ES Evaluation Committee
(1994-1998)**

Leon has over 30 years of experience in the construction industry and providing building inspection services to multiple municipal clients throughout California. He has served as Chief Building Official for the City of Vallejo and as Chief Building Inspector for the City of Pleasant Hill, and as an inspector on several projects in California. He has extensive knowledge of all aspects of managing a building department, including building inspections, plan review, and code enforcement.

Select Project Experience:

Senior Inspector, Bureau Veritas, City of Citrus Heights, CA
Provides inspection services for the City of Citrus Heights, CA.

CA Lottery Building Senior Inspector, State of California
Performed inspections at the California Lottery building in downtown Sacramento. The building is six stories, consists of multiple occupancy types, and is 180,661 square feet.

**Solano County Government Center Senior Inspector,
County of Solano, CA**
Project consisted of a six-story, government administration building, a five-story parking garage, a two-story office building, and an expansion to an existing electrical cogeneration plant. There are four separate structures for this project, as well as distribution piping and electrical upgrades for the entire Downtown Fairfield Government Complex. Inspected foundations/footings, framing, electrical, plumbing, and mechanical. Reviewed all inspection reports and lab test results for pass or fail.

Travis Air Force Base Senior Inspector, Balfour Beatty
The Travis Air Force Base military housing project includes a Community Center, the construction of 147 single family residences, 211 duplexes, and the renovation of 106 existing single family residences and duplexes. In 2009, the Travis Air Force Base won the Association of Defense Communities' Private Sector Project Award for this project.

**Genentech Biotech Facilities Supervising Inspector, City of
Vacaville, CA**
Worked under the direction of the City of Vacaville Building Official insuring all State of California Building Standards related to all trades. Received inspection requests at the site, documented the request and results, and entered them into the City database system.





Certifications/ License:

- ICC Certified Building Official
- ICC Certified Mechanical Inspector
CMC
- ICC Certified Mechanical Inspector
ICC Certified Plumbing Inspector
UPC
- ICC Certified Plumbing Inspector
ICC Certified Building Plans
Examiner CBC
- ICC Certified Building Inspector
ICC Certified Mechanical Inspector
UMC
- ICC Certified Building Plans
Examiner
- ICC Certified Combination Inspector
- ICC Certified Electrical Inspector
- ICC Certified Building Inspector CBC

Professional Affiliations:

- Sacramento Valley Association of
Building Officials (SVABO)
- Build It Green Point Rater 2007
- International Association of Electrical
Inspectors

Rick Swenson, CBO | Senior Inspector

Rick has over 22 years of building inspection experience for the Cities of Rocklin and Roseville. Rick is also active with the Sacramento Valley Association of Building Officials (SVBO); he served as an Executive Board Member from 2006-2008, organized no cost inspector training, developed senior inspector meetings, and prepared PowerPoint training presentations. Rick was also a Board Member for the International Association of Electrical Inspectors (IAEI) for three years where he worked to organize the California electrical inspector's yearly meeting in Sacramento.

Select Project Experience:

Senior Inspector and Plans Examiner, Bureau Veritas, Sacramento, CA

Performs residential and commercial inspections, as well as residential and commercial plan reviews for the City of West Sacramento. The projects vary in scope and size from small residential additions to multi-story commercial tenant improvements. Helps represent the building department by attending "Project Review Committee" meetings and speaking with applications to help them in the planning, development, and plan submittal for their projects. Involved in updating various building department forms and handouts to meet the current adopted code requirements.

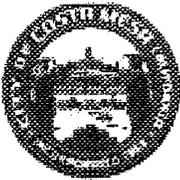
Inspection Services Manager, City of Rocklin, CA

Duties as Inspection Services Manager for the City of Rocklin included supervising and assisting inspection staff. Worked with architects, engineers, contractors, and business owners to resolve residential and commercial construction issues and provided overflow plan review. Supervised and assisted the Municipal Code Enforcement Program. Assisted Building Official with special projects, including budget preparation. Responsible for implementing the electronic archiving project, which included plans, permits, and inspection records. Assisted with collecting data and analysis for building permit fee study project.

Senior Building Inspector, City of Rocklin, CA

Responsible for day-to-day supervision of building inspectors, inspector training, and overall support for the inspection program, including inspecting complex residential and commercial construction, supervising and assisting inspectors, providing coordination, plan review and customer service at permit counter, and coordinating inspector training and conducting in-house training.





**City of Costa Mesa
Building and Fire Plan Check and Inspection
Staffing**

Certifications/ License:
ICC Certified Building Inspector

Loren Gottschalk | Inspector

ICC Certified Building Plans Examiner

Mr. Gottschalk has over 25 years of experience in the construction industry working as an inspector and a contractor. His professionalism and knowledge in the current codes enables him to provide quality inspection services along with exceptional customer service. Some experience includes remodels, new residential construction, commercial tenant improvements, and new commercial construction.

ICC Certified CA Building Plans Examiner

ICC Certified CA Combination Inspector

Select Project Experience:

ICC Certified CA Commercial Building Inspector

**Combination Inspector
Bureau Veritas - City of Folsom, CA**

ICC Certified CA Commercial Electrical Inspector

As a combination inspector for the City of Folsom, performed on-call inspection services for both residential and commercial structures. Duties also included managing the permit and inspection office, and attending meetings with owners, architects, engineers and contractors.

ICC Certified CA Commercial Mechanical Inspector

As a combination inspector for the City of Folsom, performed on-call inspection services for both residential and commercial structures.

ICC Certified CA Commercial Plumbing Inspector

Duties included communicating and meeting with owners, architects, engineers and contractors.

ICC Certified CA Residential Building Inspector

**Combination Commercial Inspector
City of Jackson, CA**

ICC Certified CA Residential Electrical Inspector

As a Combination Commercial Inspector in the City of Jackson, performed combination commercial inspections and building plan code compliance reviews. Job duties also included managing permit and inspection offices and attending meetings with owners, architects, engineers and contractors.

ICC Certified CA Residential Mechanical Inspector

ICC Certified CA Residential Plumbing Inspector

Combination Inspector

Combination Commercial Inspector. Managed permit and inspection office, attended meetings with owners, architects, engineers, and contractors. Performed combination commercial inspections.

ICC Certified Building Official

ICC Certified Combination Inspector

Commercial Inspector, City of Glendale, AZ

ICC Certified Combination Inspector-Legacy

Commercial Electrical Inspector for City of Glendale, AZ. Experience included commercial, industrial, schools, hospitals, public works, and multi-family residential. Performed building plan code compliance reviews. Projects inspected include Arizona Cardinals Stadium, Glendale Oasis Water Campus, a \$55,000,000 water treatment facility, the Westgate City Center, a 223-acre shopping, sports, convention center and hotel complex, the John Q. Hammons Hotel, a 10-story high-rise, the Arrowhead Community Hospital, the Banner Thunderbird Medical Center, the Midwestern University Administration Building, Glendale High School, a casino project with three contiguous A-3 occupancies, a hotel and convention center for a casino, and the Fire and Police Department Public Safety Building.

Affiliations:

International Code Council





**City of Costa Mesa
Building and Fire Plan Check and Inspection
Staffing**

Certifications/ License:
ICC Certified Building Inspector

ICC Certified Combination Inspector

ICC Certified Electrical Inspector

ICC Certified Mechanical Inspector

IAPMO Plumbing Inspector

Affiliations:
International Code Council

Rick Trent | Inspector

Rick has 25+ years of construction experience with over 10 of those years providing inspection services on both residential and light commercial structures to Butte County. He has performed inspections on residential and light commercial buildings, ensuring compliance with structural, plumbing, mechanical, and electrical code requirements.

Select Project Experience:

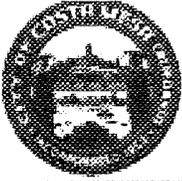
Building Inspector II, County of Butte, CA

Duties included assisting with permit application intake and plan check and organizing routing on inspection requests. Also performed a variety of structural, plumbing, mechanical, and electrical inspections on both residential and light commercial buildings. Inspected land, structures, and materials for compliance with planning, zoning, health, and building codes. Maintained detailed records of inspections, code enforcement investigations and public requests for information.

Owner, Rick Trent Construction

Worked with architects and engineers preparing plans and specifications for residential and commercial projects. Prepared contracts using subcontractor and material supplier bids detailing scope of work and disbursement schedules. Supervised and coordinated labor, sub-contractors, and municipal utilities to comply with applicable codes and terms of contract. Conducted safety meetings with onsite personnel to achieve compliance with Cal/OSHA, California Code of Regulations, Title 8.





**City of Costa Mesa
Building and Fire Plan Check and Inspection**



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Move Forward with Confidence

Project Experience





Project Experience

Bureau Veritas has a long-established and successful track record providing outside plan check and field inspection services. We have included detailed descriptions of our related project experience in and around the region.

Plan Review Services

City of Roseville

Contact: Gene Paolini, Building Official
311 Vernon Street
Roseville, CA 95678
(916) 774-5200

Dates of Service: Current



Bureau Veritas is currently providing building plan review services for the City of Roseville. Example projects include:

Westfield Galleria Tenant Improvement Project: Bureau Veritas was contracted to provide expedited review of tenant improvement projects to rebuild 250,000 SF of damage to one wing of the Westfield Galleria Mall. Westfield, LLC selected Bureau Veritas to provide final review of all tenant plans for Landlord requirements in accordance with Westfield's Retail Tenant Criteria Manual and Tenant Improvement Permit Application Manual.

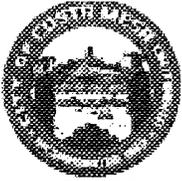


Concurrently with the Landlord's tenant review, Bureau Veritas staff reviewed plans for compliance with Title 24 California Code of Regulation requirements adopted by the City of Roseville. Upon completion of Landlord requirements and code review by Bureau Veritas, plans were stamped with Bureau Veritas "Reviewed for Code Compliance" seals and the original signatures of the plan reviewer. The plans were accepted by the City of Roseville and a permit to construct was issued "over the counter".

Tenant Improvement plans were initially reviewed by Westfield tenant coordinators for general compliance with mandatory aesthetic requirements. After providing general compliance, revised plans were submitted as electronic pdf drawings to a Westfield FTP site created specifically for Bureau Veritas to process plan reviews. Bureau Veritas staff downloaded and reviewed plans electronically, redlining and commenting directly on plans, and then uploaded the plans back to the Westfield FTP site. Redlined plans with comments were then forwarded to or placed on another FTP site used by designers, engineers and architects. Plans were revised in accordance with redlines and comments and resubmitted electronically. If all items were resolved, two sets of hard copy plans, with appropriate seals and professional signatures, were provided for approval by Bureau Veritas. Once approved, hard copy plans were escorted to the City by Westfield, and permits were obtained.

Electronic plan submittal and commenting allowed for economical movement of plans and quick turnaround, eliminating shipping time and costs. Using free Adobe Acrobat software, electronic plans with comments could be viewed and discussed with tenant, designer, and plans examiner as needed to resolve issues quickly and efficiently. Concurrent review of Landlord and code issues eliminated at least one or more review cycles, shortening the time necessary to approve plans. Westfield was able to prioritize the order of review to coincide with the needs of tenants and mall rebuilding construction schedules.





City of Roseville Continued...

Vannelli Foods - Plan Review

Occupancy Group(s): B, F1, S1

Type of Construction: VB ESMR Sprinklered - Unlimited Area

Stories: 1

Building Area: Suite 100 = 42,655 SF

Tenant improvement conversion of existing warehouse to food processing facility for fresh and quick frozen pasta products. Improvements included electrical, mechanical, plumbing and fire life-safety upgrades for preparation, cooking and packaging operations in a clean environment. Plan check also included Fire Code review of cryogenic gases used in packaging.

**Building and Safety Administration
City of West Sacramento**

Contact: Randy Goodwin,
Chief Building Official
1110 West Capitol Ave. 2nd Floor
West Sacramento, CA 95691
(916) 617-4645

Dates of Service: 1998 - Present

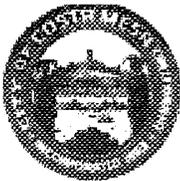


Bureau Veritas is proud to be part of the legacy of excellence and well-earned reputation for outstanding customer service that the City of West Sacramento enjoys today. Our team of professionals provides complete plan review, permit counter, fire plan review and field inspection services that include compliance with Title 24, Part 9 and Title 24, Part 2 for fire and life safety, code interpretation, and recommendations for alternate means of fire protection for more than a decade. We also provide support in the Building Department regarding fire code issues; participate in training for the Building Department, and other departments of the City, including the Fire Department.

City Hall: Completed in December 2003, this landmark building in the City of West Sacramento has set the tone for the revitalization of West Capitol Avenue, the City's main thoroughfare. This project came in on time and under budget with the help of our plan checkers and inspectors becoming an integral part of the construction team. Total construction valuation for the project was \$8,238,659.

River Cats Stadium: The River Cats has become synonymous with family fun and great sports. Our pennant winning team provides low-cost fun and builds community pride not only for the City of West Sacramento citizen's but for the entire Sacramento area. It has now become a venue for musical events that normally would be conducted out of the area. Once again our plan check team and inspectors continually work closely with River Cats management team to bring the safest experience possible for everyone.





West Sacramento continued...

CalSTRS Headquarters: The owner desired to achieve a LEED Gold rating on this new headquarters building which incorporated mixed-use elements and energy-efficiency into the design and operation. Consequently, not only were minimum standards of code enforced, but our Inspector-of-Record also monitored that plans and specifications were followed closely to achieve the desired LEED Gold rating designation. Additionally, construction utilized a unique "team-build" approach to enable simultaneous development and construction that reduced planning time as well as development and construction costs.



Fuel Cell Facility: The facility, which has been open for more than 6 years, is on the cutting edge of automotive fuel technology. Its main driving force is to find efficient methods of fuel without exploiting the existing petroleum supplies throughout the world.

Jackson Laboratory: This ever growing laboratory raises genetically altered mice in clean rooms to discover and determine the outcomes of genetic changes and defects to a normal DNA system. This is the largest facility on the West Coast and is a direct support for the UC Davis Animal Facility Center.

Old Dominion Freight Line: This project includes a 75,274 square foot trucking terminal, 19,118 square foot maintenance shop, 14,466 square foot dock canopy and 3,200 square foot fueling station canopy. Total project valuation is approximately \$9.5 million.

Tony's Fine Food: This major expansion for Tony's headquarters and food distribution facility was completed in 2010. The \$15 million project included the new construction of a 77,000 square foot building to house a new freezer and an automated distribution warehouse, as well as the renovation of existing warehouse and office space. Challenging features of the Tony's Fine foods facility included a computerized system that controlled twin cranes for the extensive refrigeration system and installation of one of the largest PV systems on the roof in the State of California. We leveraged our local registered engineers and ICC-certified plan review staff to provide proactive responses on code/constructability issues, such as with the ammonia system and adjustment of the inner rack sprinkler system. Also, we established a new system of inspection whereby each subcontractor could request his/her own inspections.

CEMEX: The construction of 6 silos built along the Port of Sacramento's shipping canal enabled CEMEX to create a facility capable of handling 1.25 million tons of cement. The tallest of the six silos rises to 222 feet. The project encompassed various phases/types of reinforced concrete construction. Concrete for the massive silos was placed using a slip form construction.

"The Bureau Veritas staff is open, responsive, professional, informative, and totally committed to customer service. The West Sacramento Bureau Veritas staff is an indistinguishable part of the West Sacramento team. Their work is a perfect fit for the problem solving 'can-do' ethic of West Sacramento staff and residents." -- Randy Goodwin, AIA, LEED AP, Building Official, City of West Sacramento





West Sacramento continued...

IKEA Store: This 330,000+ sq. ft. retail facility has a complicated exiting plan, many mixed uses, and is designed with strict European guidelines that do not always match Title 24 requirements. The IKEA project the exiting system was extensive and complex while the building facility also called for high pile storage for racks approximately 35' high as well while incorporating a complex fire sprinkler system. Exit signs were added to help clarify the door locations upstairs.



Nippon Shokken

This is a 2-story new food processing, bottling, packaging and warehouse facility for manufacturer of liquid sauce products. Plan check included structural, fire-life safety, fire code, energy, green, mechanical, plumbing, and electrical review of plans and calculations for compliance with applicable 2010 California construction Codes. Building is approximately 68,700 SF structure constructed of tilt-up concrete walls with interior steel framed walls and composite second floor deck. Building Occupancy Groups B, F1, and S2.

**Building Plan Check and Counter Technician
City of Costa Mesa**

Contact: Khanh Nguyen, Building Official
(714) 754-5277

Bureau Veritas has provided building plan check services for residential and commercial properties to the City of Costa Mesa for the past 8 years. We also provided counter technician services as on-site extension of staff. In addition we have placed a registered civil engineer to assist with all building plan check needs.

**Building and Safety Plan Check
County of Los Angeles, CA**

Contact: Raj Patel, Superintendent of Building, (626) 458-3100
900 S. Fremont Avenue
Alhambra, CA 91803

Since 2003 Bureau Veritas has been providing building and safety plan review and inspection services to the County. We have placed plan check personnel in the County's Alhambra headquarters. These staff members have provided code consulting and training for the County's Structural, Electrical, Plumbing and Mechanical Plan Review Sections. This has included creating and preparing instruction manuals, presenting training workshops, and providing as-needed field inspection expertise to agency plan check and field personnel Countywide -- 100+ people). We have provided plan review services for plans received from the County's field offices, and consistently met the County's 10/5/3 review schedule.





City of Costa Mesa
Building and Fire Plan Check and Inspection

Plan Check and Inspection Services

City of Chino Hills

Contact: Winston Ward, Building Official
(909) 364-2780

We are providing Building & Safety plan check and inspection services for commercial, industrial and residential properties. Current assignments include a Plan Check Engineer working part-time at the City and providing assistance to the City in the absence of the Building Official. One Building Inspector is also assigned full-time.

Building Official Administration

City of Murrieta

Contact: Alan Brock, Director of the Building and Safety Division
(951) 481-6116

Bureau Veritas is currently providing building plan check and fire code inspection services for the City of Murrieta. These services include plan review services for commercial, industrial and residential properties as well as fire code inspection. Additionally, Bureau Veritas has provided Interim Building Official services for the City.

Plan Check and Inspection Services

City of Jurupa Valley

Newly incorporated city in the County of Riverside. We are providing Plan check and Inspection Services and we currently have a Certified Plans Examiner working in the city under the direction of the City Building Official.

Third Party Building and Infrastructure Inspection

Vandenberg AFB

Contact: Dan Savoia
(610) 299-5017

Provide building inspection and plan review for construction of 160 new homes and retrofit of 560+ existing homes in support of housing privatization at the Vandenberg Air Force Base. This contract, also involves inspection of the community center and swimming pool. Duties and scope of work include reviewing and approving construction drawings, change orders, and providing cursory plan review, inspection, and program reporting for this \$309,000 project.

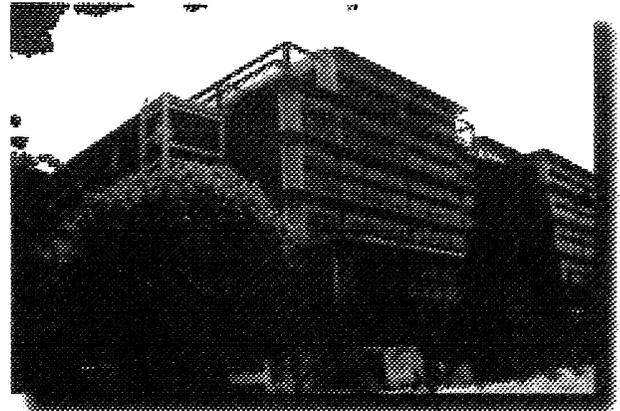


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Building Plan Review & Inspection, CalPERS Headquarters
City of Sacramento

Client: Kleinfelder
Contact: Ted Oien, Manager,
 Construction Materials Testing
 3077 Flite Cr.,
 Sacramento, CA 95827
 (916) 966-1701



Dates of Service: 2002 – 2010

Bureau Veritas was commissioned to provide an ADA - T-24 Accessibility Survey for the State of California's CalPERS Retirement headquarters located in Sacramento. Our duties included the review and inspection of the exterior and interior to the facility as well as to review and inspect the site for access compliance. The inspection included thousands of photos. Detailed reports for each of the floors were developed. Bureau Veritas also provided building inspection and quality assurance services for the \$200 million CalPERS expansion project. Two full-time inspectors were onsite to provide required building inspection services as well as to oversee all special inspections and testing for the project. Three CalPERS buildings are located at 400 Q Street, Sacramento. The CalPERS Lincoln Plaza East/West expansion building is 560,000 sf. above ground with office and retail, 440,000 sf. two levels below ground, and includes 1,000 parking spaces. The CalPERS Lincoln Plaza North building is a six-story, 492,900 sf. office and retail building with 190,000 sf. of parking one level underground, with 415 spaces.

The high-tech nature of the building and desire to achieve a LEED Gold rating brought numerous technical challenges associated with potential groundwater issues with below-grade parking levels and incorporation of a six-story atrium and smoke control. Our Inspector-of-Record supervised special inspectors and proactively maintained close communication with the owner, construction manager, and stakeholders (e.g. including the State Fire Marshall's office) to address challenges quickly and to the satisfaction of the owner. One solution included recommending and observing cold smoke testing to monitor that smoke control levels would meet fire code requirements within the six-story atrium. This was successfully done on the initial test. Our staff also provided detailed inspection reports which also offered recommendations to efficiently resolve code issues during the construction phase.

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Solano County Government Center
Solano County

Contact: David Cliche, Chief Building Official
 675 Texas St. Suite 5500
 Fairfield, CA 94533
 (707) 374-2205
 dwcliche@solanocounty.com

Government Building: This six-story office building serves nearly 800 County workers. With multiple occupancies within the 300,000 square foot, Type 1, AFES, Fire Resistive structure, this type of construction is the highest standard required by the ICC and exceeds FEMA 353 Criteria.

Parking Structure: In addition to the Government Building, there is a five story, 300,000 square foot, Type I, AFES, open Parking Garage. This building can accommodate more than 1,000 vehicles and includes the secured storage for Solano County Sheriff and Police officers patrol vehicles.

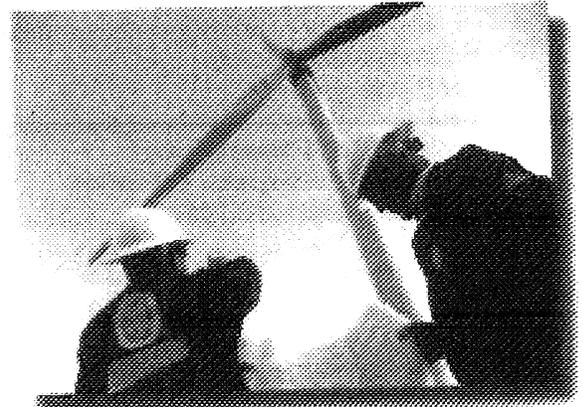
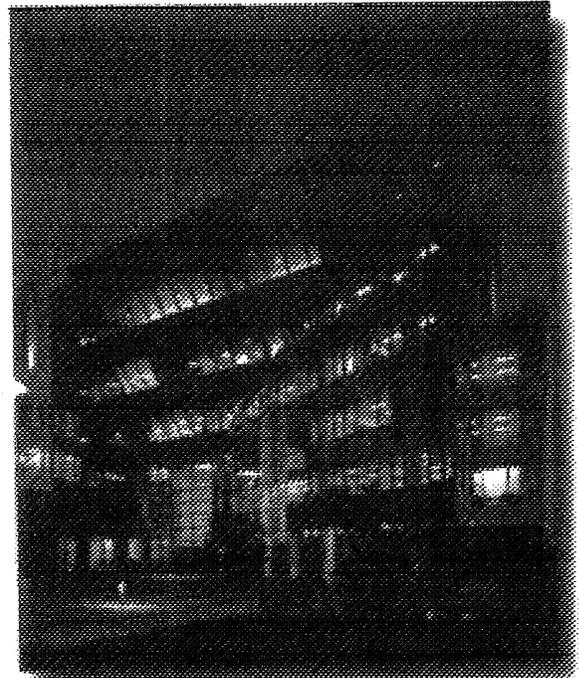
Alternative Energy Projects

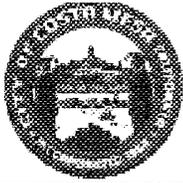
High Winds Project (162 MW). Shiloh Wind Farm (180 MW). EnXco Wind Farm (10 MW). Shiloh II Wind Farm (120 MW). Montezuma Hills Wind Farm (40 MW)

Solano County needed the technical support to electronically process, review plans, archive all intelligent data, and inspect the quality of work needed to meet the California Building Code requirements for construction. Solano County needed Engineers and Inspectors with specific experience in structural observation (mandated by California Building Standards), Safety Programs, CAD Weld Testing, High Pot Testing, Underground Feeders to Transformers, Distribution, and complete Electrical Transfer Stations.

Bureau Veritas was able to provide assistance for the entire document review and control process. Bureau Veritas also implemented the entire plan review service electronically saving time and money. Bureau Veritas also provided experienced, technical, and competent engineering and inspection staff for multiple projects.

Bureau Veritas, a leader in the world for QHSE services for Wind Farms was able to provide multiple services in a timely manner that also provided the client with a secure online archive of all work completed.





**City of Costa Mesa
Building and Fire Plan Check and Inspection
Project Experience**

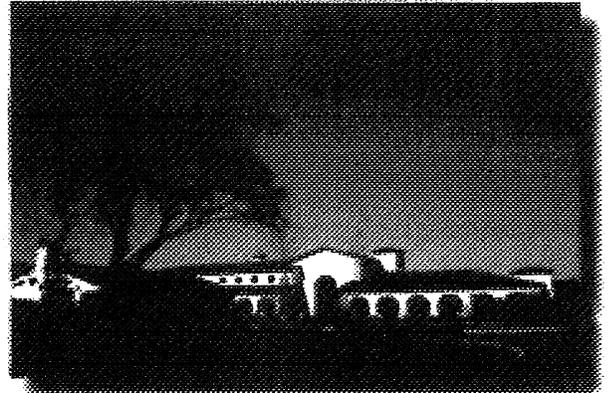
Plan Review Services

City of Lincoln

Contact: Todd Cunningham
600 Sixth St.
Lincoln, CA 95648
(916) 434-2470

Dates of Service: 2005 – Present

Bureau Veritas staff reviews plans for a wide range of projects for the City of Lincoln. Since the start of our relationship with the City we have reviewed several complex projects such as the Twelve Bridges Golf Course and Country Club, several master plan sets for new residential development, and large retail facilities, among others. We have also provided several inspectors over the years to provide inspection services to the City when the City underwent unprecedented growth in recent years.



*"We can call Bureau Veritas and they are responsive to our needs, this is something that they take pride in. They are certainly a company that stands behind their customer service."
- Todd Cunningham, Building Official, City of Lincoln*

Plan Review Services

City of Burlingame

Contact: Joseph Cyr, Chief Building Official
501 Primrose Rd.
Burlingame, CA 94010
(650) 558-7260

Dates of Service: 2003 – Present

Bureau Veritas staff reviews plans for a wide range of projects for the City of Burlingame. Staff has reviewed commercial buildings, condominiums, office buildings, medical offices, residential projects, tenant improvements of various complexities as well as buildings for assembly occupancies. Bureau Veritas provides a plan review licensed engineer two days per week to the City.

*"Excellence in customer service is a hallmark of the City of Burlingame. Bureau Veritas participates in that tradition of excellence by providing thorough, on-time reviews of plans for compliance with the California Building Codes. Over the years Bureau Veritas has become part of the Burlingame team."
- Joseph Cyr, Chief Building Official, City of Burlingame*



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Inspection Services
City of Rancho Cordova

Contact: Elizabeth Sparkman
2729 Prospect Park Dr.
Rancho Cordova, CA 95670
(916) 851-8714

Dates of Service: 2005 – Present

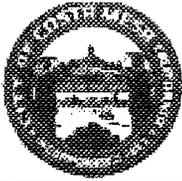
Bureau Veritas provides a full time Sr. Combination Building inspector to the City of Rancho Cordova who works as an extension of the City staff and is able to perform many daily inspections as well as plan review. Recent projects include the construction of a new Walgreens, the Mather campus office building and a CVS pharmacy. Other recent projects also include:

Cordova Restaurant and Casino: Our inspector has been involved with the Cordova Restaurant and Casino project which included the total remodel of an existing building. The building and site needed to be brought up to current accessibility standards while complying with a tight construction time frame.

Target: This project included the construction of a new target store. Bureau Veritas staff had to ensure that the extremely tight construction schedule could be met.

Kohl's: This 78,398 square foot project included the complete demolition of the interior of an existing Mervyn's retail store as well as the interior improvements for Kohl's. The project was completed on a very tight construction schedule and included outdoor accessibility upgrades to the existing entrances and parking lot.





Claybank Adult Detention Facility

Solano County

2500 Clay Bank Road Fairfield CA 94533

Date of Review – May 4, 2011 – March 2012

Reviewed in conformance with the 2010 California Building, Electrical, Mechanical, Plumbing, Energy, and Green Building Codes. This structure is a 127,800 square foot, 2-story building composed of steel framing, steel floor decking with concrete infill, steel roof decking and CMU interior and exterior walls.

Oak Park Senior Housing

City of Sacramento

3820 Broadway Street Sacramento, CA 95817

Date of Review – 12/9/2011 – 2/16/2012

Reviewed in conformance with the 2010 California Building, Electrical, Mechanical, Plumbing, Energy, and Green Building Codes. This project consisted of a three story wood and steel framed building with open web wood floor trusses and premanufactured roof trusses. The ground floor consists of mixed use occupancies including commercial business, mercantile and assembly use, and residential dwelling units. The second and third floors consist entirely of residential dwelling accommodations. The building was designed with a fire-resistive construction type V-A with NFPA-13 fire sprinkler system and separations.

Third Party Plan Review

City of Stockton

Bureau Veritas frequently provides third party plan review services to the City of Stockton. We have provided full plan review as well as partial plan review to clients requiring a quick turnaround, or who may have complex projects needing plan review engineers with specialized experience.

Partial list of recent projects include:

- Staples Distribution Warehouse - 401,000 square feet - Addition
- University Plaza Waterfront Hotel - 7-Story - Remodel
- Super Walmart Revisions - 180,000 square feet
- Cost Plus World Market - TI Conversion to Mercantile
- Citadel Broadcasting - TI - 17,000 square feet broadcasting facility



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Power and Utilities Example Projects

Antelope Valley Solar One Ranch
Los Angeles County Department of Public Works
Mostafa Kashe, 626.458.3180

Located in the Antelope Valley area of North Los Angeles County, the 230MW project will produce enough electricity to meet the annual energy needs of about 75,000 average homes, displacing approximately 140,000 metric tons of carbon dioxide (CO2) per year—the equivalent of taking about 30,000 cars off the road. When fully operational the project will be one of the largest PV projects in the world. Sited on previously-disturbed agricultural land. There are no threatened or endangered species on the site, and the project will not use water for electricity generation. At 230 MW this is the largest Photo Voltaic project in North America.

Ivanpah Solar Power Complex Station
392 MW – Heliostat Mirror Technology

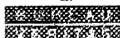
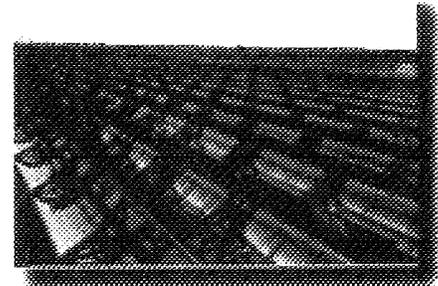
Client: BrightSource Energy

- Compliance Manager (U.S. Bureau of Land Management)
- Delegate Chief Building Official Services (California Energy Commission)
 - Plan Review
 - Code Inspections
 - Fire Safety Services
 - Safety Inspections
 - BVnet Project Management



Genesis Solar Energy Project
250 MW - Concentrated solar electric generating facility
Client: NextEra Energy Resources

- Compliance Manager (U.S. Bureau of Land Management)
- Delegate Chief Building Official Services
 - Plan Review
 - Code Inspections
 - Fire Safety Services
 - Safety Inspections
 - BVnet Project Management





Civil Engineering Project Experience

As-Needed Engineering – Road Projects County of San Diego

Bureau Veritas has been providing project planning and civil engineering design services for a variety of road projects on an as-needed basis for more than 15 years. Example projects include:

Bear Valley Parkway Improvements: Bureau Veritas was responsible for all design work, and preparation of PS&E for roadway expansion and improvement, including expanding the road from two to four lanes, storm drain and flood control structures, traffic signal modifications, additions of bike lanes in each direction, location and engineering of retaining walls, traffic striping and signing modifications, preparation of a right-of-way plan, preparation of SWMP and BMPs, as well as public outreach to residents affected by roadway modifications including changes to driveways profiles. Due to constraints on both sides of the right-of-way, a major challenge was to find a feasible alternative that has the least impact on the existing property owners.

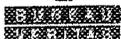
Division I Maintenance Headquarters/Campo Road Intersection Improvements: Bureau Veritas prepared PS&Es including traffic plans, traffic striping adjustments and traffic signal modifications, vertical and horizontal roadway alignments, SWPPPs, utility relocations and security modifications for construction of site improvements. We designed the site to maintain maneuverability for large vehicles in a limited area.

Spring Valley and 4S Ranch Traffic Signal Interconnect Projects: In Spring Valley Bureau Veritas provided base mapping and design for 12 miles of conduit and fiber optic conductor to connect 28 traffic signals to a central Traffic Management Center (TMC). We also provided a Basis of Design Document and a Communications Master Plan to establish the system architecture and communications protocol to integrate real-time video monitoring and demand-based signal operations within the virtual TMC. At 4S Ranch, we prepared PS&Es to interconnect a further 16 signals.

Civil Engineering Design & Support Services City of Pittsburg

Over a 30 year history working with the Public Works Department, Bureau Veritas staff has provided design engineering for street, drainage, and pipeline projects throughout the City.

Loveridge Road Waterline, Phase I: Bureau Veritas designed this 3,000-foot, 20-inch waterline project. This project will extend the City's water pipeline from a connection point in the Pittsburg-Antioch Highway to a point north of the BNSF railroad tracks and provide water to existing and new developments along Loveridge Road, north of the Pittsburg-Antioch Highway. The project was challenged by a waterline corridor that is obstructed by many existing utilities, a creek crossing and the crossing of the BNSF railroad tracks that will require a jack and bore operation. Permits from outside agencies were required. The City must complete improvement milestones within the time restrictions of existing agreements. Bureau Veritas was committed to working with the City and to meeting the changing constraints of the project so that the construction contract documents was delivered to the City and the construction was completed successfully and within the time constraints.





Civic Center Complex & Offsite Storm Drainage System: Bureau Veritas' professional staff provided site engineering and infrastructure design, for City of Pittsburg's \$23 million government complex on Civic Avenue. Working with the architectural team, Bureau Veritas staff members designed all utilities and infrastructure serving the 17 acre campus, including grading and drainage for more than 6 acres of parking and reflecting pools. In order to provide sufficient drainage capacity for the complex, Bureau Veritas staff designed a 2,000 foot extension of the City's storm drain system along Davi Avenue, including a terminal pumping station to lift storm drainage into existing drainage facilities along Parkside Drive.

Pittsburg Marina and Waterfront Improvements: Bureau Veritas staff members designed over \$10 million in waterfront improvements for the City of Pittsburg. These included the design and development of the 249 berth Riverview Marina, Central Harbor, elements of the George Lowy Marina, and the Pittsburg Yacht Club. Our staff designed the sheetpile breakwater and protective works for the Central Harbor, as well as innovating the use of lash barges for the emergency repair of the existing rubble mound breakwater protecting Riverview Marina.

Additional federally-funded projects included the design of Buchanan Road under the Federal Aid Urban Program, the development of alignment studies for the proposed 2 mile long James Donlon Boulevard extension, design of a downtown parking lot, and Pittsburg's truck route study among others.

Anaheim Canyon Metrolink Pedestrian Improvement Project City of Anaheim

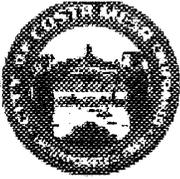
Bureau Veritas provided engineering design services to create a necessary, safe, and attractive pedestrian travel way (compliant with both City of Anaheim and ADA requirements) along E. La Palma Avenue from N. Kraemer Boulevard to N. Tustin Avenue and along N. Grove Street from E. La Palma Avenue, connecting the local community to and from Anaheim Canyon Metrolink Station. Due to the fund restrictions which are provided by the U.S. Department of Commerce's Economic Development Administration (EDA), this \$7.275 million project has been split into two significant phases; generally described as work within existing right-of-way and work outside existing right-of-way. The first phase included hardscaping and landscaping improvements to upgrade existing sidewalks or close gaps along both the north and south sides of E. La Palma Avenue from Kraemer Boulevard to North Tustin Avenue.

The hardscape improvements encompass sidewalks, affected driveways, and ADA-compliant ramps at curb returns. Bureau Veritas engaged in face-to-face meetings with business owners and provided presentations to the Planning Department. Bradley Waldrop, Bureau Veritas' Project Manager, presented 50% design plans at a public outreach workshop.

During the design process, our team revised the project scope to optimize the use of the federal grant by enhancing pedestrian access and integrating the corridor. These additional improvements are essential in maximizing the efficiency of the pedestrian system and are anticipated to maximize pedestrian traffic beyond the expectations presented in the grant application.

Measures to control costs have included proactive project management, monthly reviews of budget, schedule, and action items with client; and early identification of risks and mitigation measures.





Brookhurst Street / Parliament Avenue Sewer Improvements
Garden Grove Sanitary District

The project involved preparation of construction plans and specifications for approximately 6,500 lineal feet of 12" to 18" replacement sewer on Brookhurst Street and Parliament Avenue. The project also included a double barrel inverted siphon which required jacking and boring under the existing Anaheim-Barber City Channel. Bureau Veritas coordinated with County of Orange Property Permits for the design of the steel casing and carrier pipe through their right-of-way. Other project components included surveying for preparation of the base map and geotechnical investigations for preparation of the geotechnical report.

San Diego County Women's Detention Facility
County of San Diego

Bureau Veritas provided preliminary civil design services and is now preparing the final design for a state-of-the-art 1,216 bed women's detention facility to replace the outdated Las Colinas women's jail. The two-phase project is being delivered under a design-build, negotiated best value procurement with a total project cost of \$289.2M. The 45-acre site is located adjacent to the environmentally sensitive San Diego River and the Santee Town Center, and is designed to provide a normative, campus-like environment to blend in with the community. Civil design efforts include:

- **Environmental Coordination**—Currently performing close coordination with County environmental staff, resource agencies, EIR and the MMRP for the site to avoid impacts and delays related to regulatory water courses onsite, while processing the required permit packages.
- **Stormwater Compliance**—Providing full stormwater documents to comply with the EIR, General Construction Permit, LEED Gold, LID, hydromodification and RWQCB requirements.
- **Offsite Public Improvements**—Furnishing design of Riverview Parkway, Cottonwood Avenue, offsite utilities, traffic signals, storm drain and streetscape improvements to comply with local standards.
- **Utility Relocations and New Services**—Designing relocation of water and sewer mains, as well as coordinating relocation of existing 6-inch HP gas main with SDG&E to clear the site for the project.
- **Right of Way Coordination**—Providing coordination of all right of way actions required to facilitate project including street dedications, easement acquisitions and quitclaims. Right-of-way documentation will also be provided in coordination with County staff and surveyors.
- **Grading Plans**—Grading designed to elevate the building pads above the 100-year flood, while providing for a series of low maintenance water quality basins and bio-swales to enhance water quality and provide compliance with water quality regulations.
- **Onsite Utilities**—Provided preliminary design to serve more than 25 structures in two phases comprising over 500,000 SF of floor area. Due to limited maintenance access within the secured perimeter a design was developed utilizing entirely private utility systems including fire service, potable water, reclaimed irrigation, roof drainage, site storm drainage and sanitary sewer. An additional challenge was designing the new system to be constructible and functional in Phase 1 while keeping the existing facility in service until the inmates could be relocated to the new facilities.





Building and Fire Pricing

Our pricing reflects our commitment to the success of the City of Costa Mesa by helping you maintain significant quality and cost saving benefits moving forward. These include:

- Reduced plan review turnaround times
- Implementation of established electronic plan review processes
- Commitment to maintain a flexible rate structure
- Customized rate options for the City of Costa Mesa such as hourly, NTE, percentage based, etc.
- Highly qualified staff compensated commensurate with their duties and responsibilities
- Confidence of working with a well-established consultant in business for 180+ years

Hourly rates for project personnel are outlined below:

<u>Building and Safety Staff</u>	<u>Hourly Billing Rate*</u>
Combination Building Inspector	\$70
Senior Building Inspector (Supervisor)	\$75
Chief of Inspection (Manager)	\$95
Plans Examiner	\$85
Plan Check Engineer	\$100
Chief Plan Check Engineer (Manager)	\$105
Permit Technician I (entry level)	\$50
Permit Technician II	\$55
Permit Technician Supervisor/Manager	\$65
Office Assistant I	\$45
Office Assistant II	\$50
Office Supervisor/Manager	\$55
Assistant Building Official	\$95
CASp	\$95
Fire Plans Examiner	\$95
Fire Inspector	\$95
Fire Marshal	\$105
Code Enforcement Officer	\$65
Sr. Code Enforcement Officer (Supervisor)	\$70
Chief of Code Enforcement (Manager)	\$75

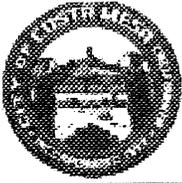
*No reimbursable costs

*Accelerated Plan Review will be 125% above the fees shown

*Overtime will be 125% above the fees shown. No overtime will be charged without approval from the City

*Plan check turnaround times for large or complex projects may be negotiated





Plan Check Percentage Fee Option

Bureau Veritas can offer a percentage fee option to the City of Costa Mesa, for plan check services to be performed:

Commercial Plan Review:

Full Plan Review

85% of the City's collected non-residential plan check fee*

Residential Plan Review:

Full Plan Review

85% of the City's collected residential plan check fee*

***Plan Review percentages include initial review and two rechecks. Third and subsequent rechecks and plan changes or revisions will be billed as Time and Materials based on the hourly rates shown.**

