

PROFESSIONAL SERVICES MASTER AGREEMENT

THIS AGREEMENT is entered into this 19 day of July 2017, between the **CITY OF STOCKTON**, a municipal corporation ("City"), and **4LEAF, Inc.** a California "C" Corporation whose address is 8896 N. Winding Way, Fair Oaks, CA 95628 and telephone number is (925) 462-5959, ("Consultant"), and **Bureau Veritas North America, Inc.** a Delaware Corporation whose address is 180 Promenade Circle, Suite 150, Sacramento, CA 95834 and telephone number is (916) 725-4200, ("Consultant"), and **CSG Consultants, Inc.** a California Corporation whose address is 1022 G Street, Sacramento, CA 95814 and telephone number is (916) 492-2275, ("Consultant"), and **West Coast Code Consultants, Inc.** a California "S" Corporation whose address is 2400 Camino Ramon Ste. 240, San Ramon, CA 94583 and telephone number is (925) 275-1700, ("Consultant").

RECITALS

A. Consultant is qualified and experienced in providing on-call building plan review and inspection services, engineering plan review including CASp compliance and OSHPD 3 certification, construction and floodplain management for the purposes specified in this Agreement.

B. City finds it necessary and advisable to use the services of the Consultant for the purposes provided in this Agreement.

NOW THEREFORE, in consideration of the mutual covenants and conditions in this Agreement, City and Consultant agree as follows:

1. **Consultant's Services.** Subject to the terms and conditions set forth in this Agreement, Consultant shall provide to City the services described in **Exhibit A** (4LEAF, Inc.), **Exhibit B** (Bureau Veritas North America), **Exhibit C** (CSG Consultants, Inc.), and **Exhibit D** (West Coast Code Consultants, Inc.). Consultant shall provide said services at that time, place and in the manner specified in **Exhibit A** (4LEAF, Inc.), **Exhibit B** (Bureau Veritas North America), **Exhibit C** (CSG Consultants, Inc.), and **Exhibit D** (West Coast Code Consultants, Inc.).

2. **City Assistance, Facilities, Equipment and Clerical Support.** Except as set forth in **Exhibit A** (4LEAF, Inc.), **Exhibit B** (Bureau Veritas North America), **Exhibit C** (CSG Consultants, Inc.), and **Exhibit D** (West Coast Code Consultants, Inc.), Consultant shall, at its sole cost and expense, furnish all facilities and equipment that may be required for furnishing services pursuant to this Agreement. City shall furnish to Consultant only the facilities and equipment listed in **Exhibit A** (4LEAF, Inc.), **Exhibit B** (Bureau Veritas North America), **Exhibit C** (CSG Consultants, Inc.), and **Exhibit D** (West Coast Code Consultants, Inc.), according to the terms and conditions set forth in **Exhibit A** (4LEAF, Inc.), **Exhibit B** (Bureau Veritas North America), **Exhibit C** (CSG Consultants, Inc.), and **Exhibit D** (West Coast Code Consultants, Inc.).

3. **Term.** Consultant shall perform the scope of work as described in in **Exhibit A** (4LEAF, Inc.), **Exhibit B** (Bureau Veritas North America), **Exhibit C** (CSG Consultants, Inc.), and **Exhibit D** (West Coast Code Consultants, Inc.), which is attached to this Contract and incorporated by this reference. This Agreement shall commence on the date written above and shall expire on June 30, 2020, with option for up to two one-year extensions with a 3% annual increase; provided, however the parties may agree to change either the commencement or expiration date.

4. **Compensation.** City shall pay Consultant for services rendered pursuant to this Agreement not to exceed hourly rates as described more particularly under Professional Services Fees found in **Exhibit A** (4LEAF, Inc.), **Exhibit B** (Bureau Veritas North America), **Exhibit C** (CSG Consultants, Inc.), and **Exhibit D** (West Coast Code Consultants, Inc.). The payments shall be made on a monthly basis upon receipt and approval of Consultant's invoice. Compensation for services and reimbursable expenses shall be paid in an amount not to exceed Four Hundred Eighty Thousand Dollars (\$480,000.00) total across all consultants. CONSULTANT acknowledges that this amount includes total compensation across four contracts.

a. Invoices submitted by Consultant to City must contain a brief description of work performed, time used and City reference number. Payment shall be made within thirty (30) days of receipt of Consultant's invoice and approved by City.

b. Upon completion of work and acceptance by City, Consultant shall have sixty (60) days in which to submit final invoicing for payment. An extension may

be granted by City upon receiving a written request thirty (30) days in advance of said time limitation. The City shall have no obligation or liability to pay any invoice for work performed which the Consultant fails or neglects to submit within sixty (60) days, or any extension thereof granted by the City, after the work is accepted by the City.

5. **Sufficiency of Consultant's Work.** All reports, drawings, designs, plan review comments and work product of Consultant shall be adequate and sufficient to meet the purposes for which they are prepared.

6. **Ownership of Work.** All reports, drawings, designs, plan review comments, work product, and all other documents completed or partially completed by Consultant in the performance of this Agreement shall become the property of the City. Any and all copyrightable subject matter in all materials is hereby assigned to the City and the Consultant agrees to execute any additional documents that may be necessary to evidence such assignment. All materials shall be delivered to the City upon completion or termination of the work under this Agreement. If any materials are lost, damaged or destroyed before final delivery to the City, the Consultant shall replace them at its own expense. Consultant shall keep materials confidential. Materials shall not be used for purposes other than performance of services under this Agreement and

shall not be disclosed to anyone not connected with these services, unless the City provides prior written consent.

7. **Changes.** City may request changes in the scope of services to be provided by Consultant. Any changes and related fees shall be mutually agreed upon between the parties and subject to a written amendment to this Agreement.

8. **Consultant's Status.** In performing the obligations set forth in this Agreement, Consultant shall have the status of an independent contractor and Consultant shall not be considered to be an employee of the City for any purpose. All persons working for or under the direction of Consultant are its agents and employees and are not agents or employees of City.

9. **Termination for Convenience of City.** The City may terminate this Agreement at any time by mailing a notice in writing to Consultant. The Agreement shall then be deemed terminated and no further work shall be performed by Consultant. If the Agreement is so terminated, the Consultant shall be paid for that percentage of the work actually completed at the time the notice of termination is received.

10. **Non-Assignability.** The Consultant shall not assign, sublet, or transfer this Agreement or any interest or obligation in the Agreement without the prior written consent of the City, and then only upon such terms and conditions as City may set forth in writing. Consultant shall be solely responsible for reimbursing subcontractors.

11. **Indemnity and Hold Harmless.** Consultant shall defend, indemnify, and hold harmless, the City and its officers, agents and employees from and against all claims, losses, damage, injury, and liability for damages arising from, or alleged to have arisen from, errors, omissions, negligent or wrongful acts of the Consultant in the performance of its services under this Agreement, regardless of whether the City has reviewed or approved the work or services which has given rise to the claim, loss, damage, injury or liability for damages. This indemnification shall extend for a reasonable period of time after completion of the project as well as during the period of actual performance of services under this Agreement. The City's acceptance of the insurance certificates required under this Agreement does not relieve the Consultant from its obligation under this paragraph.

12. **Insurance.** During the term of this Agreement, Consultant shall maintain in full force and effect at its own cost and expense the insurance coverage as set forth in Exhibit E – Insurance Requirements for Provisions, and shall otherwise comply with the other provisions of Exhibit E.

13. **Notices.** All notices herein required shall be in writing and shall be sent by certified or registered mail, postage prepaid, addressed as follows:

| | | | |
|-------------|---|-------|---|
| Consultant: | 4LEAF, Inc. Kevin J. Duggan 8896 North Winding Way Fair Oaks, CA 95628 | City: | City Manager City of Stockton 425 N. El Dorado Street Stockton, CA 95202 |
|-------------|---|-------|---|

Bureau Veritas North America
Craig Baptista
180 Promenade Ci, Ste. 150
Sacramento, CA 95834

CSG Consultants, Inc.
Cyrus Kianpour
1022 G Street
Sacramento, CA 95814

West Coast Code Consultants, Inc.
Giyen Senaratne
2400 Camino Ramon Ste. 240
San Ramon, CA 94583

14. **Conformance to Applicable Laws.** Consultant shall comply with all applicable Federal, State, and Municipal laws, rules, and ordinances. Consultant shall not discriminate in the employment of persons or in the provision of services under this Agreement on the basis of any legally protected classification, including race, color, national origin, ancestry, sex or religion of such person.

15. **Licenses, Certifications and Permits.** Prior to the City's execution of this Agreement and prior to the Consultant's engaging in any operation or activity set forth in this Agreement, Consultant shall obtain a City of Stockton business license, which must be kept in effect during the term of this Agreement. Consultant covenants that it has obtained all certificates, licenses, permits and the like required to perform the services under this Agreement.

16. **Records and Audits.** Consultant shall maintain all records regarding this Agreement and the services performed for a period of three years from the date that final payment is made. At any time during normal business hours, the records shall be made available to the City to inspect and audit.

17. **Confidentiality.** Consultant shall exercise reasonable precautions to prevent the unauthorized disclosure and use of City reports, information or conclusions.

18. **Conflicts of Interest.** Consultant covenants that other than this Agreement, Consultant has no financial interest with any official, employee or other representative of the City. Consultant and its principals do not have any financial interest in real property, sources of income or investment that would be affected in any

manner of degree by the performance of Consultant's services under this Agreement. If such an interest arises, Consultant will immediately notify the City.

19. **Waiver.** In the event either City or Consultant at any time waive any breach of this Agreement by the other, such waiver shall not constitute a waiver of any other or succeeding breach of this Agreement, whether of the same or of any other covenant, condition or obligation.

20. **Governing Law.** California law shall govern any legal action pursuant to this Agreement with venue for all claims in the Superior Court of the County of San Joaquin, Stockton Branch or, where applicable, in the federal District Court of California, Northern District, Sacramento Division.

21. **No Personal Liability.** No official or employee of City shall be personally liable to Consultant in the event of any default or breach by the City or for any amount due Consultant.

22. **Exhibits.** All exhibits referred to herein are attached hereto and are by this reference incorporated herein.


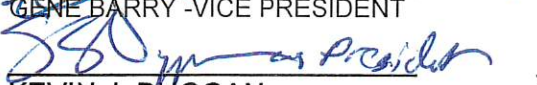
23. **Scope of Agreement.** This writing constitutes the entire Agreement between the parties. Any modification to the Agreement shall be in writing and signed by both parties.

THIS AGREEMENT executed the date and year first above written.

CITY OF STOCKTON


KURT O. WILSON
CITY MANAGER

4LEAF, INC.

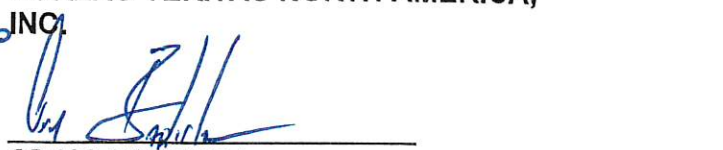
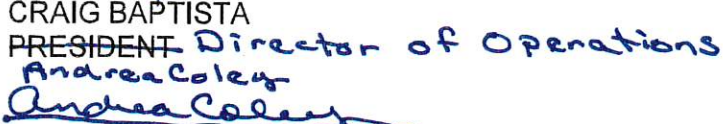

GENE BARRY - VICE PRESIDENT

KEVIN J. DUGGAN
PRESIDENT

CSG CONSULTANTS, INC.

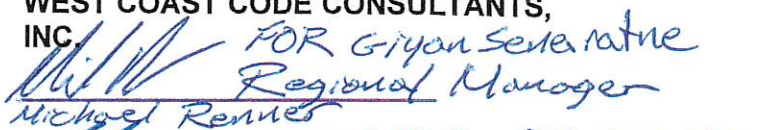
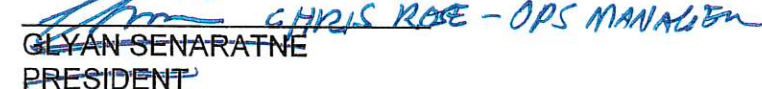

CHARLES D. RUGER - SECRETARY

CYRUS KIANPOUR
PRESIDENT

BUREAU VERITAS NORTH AMERICA, INC.


CRAIG BAPTISTA
PRESIDENT *Director of Operations*

ANDREA COLEY

WEST COAST CODE CONSULTANTS, INC.

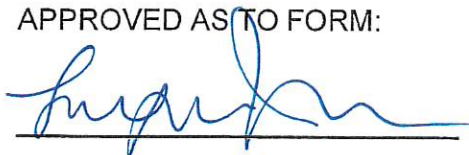

MICHAEL RENNERT
FOR GILYAN SENARATNE
Regional Manager

GILYAN SENARATNE
PRESIDENT

ATTEST:


BONNIE PAIGE
CITY CLERK



APPROVED AS TO FORM:



Taryn N. Jones
Deputy City Attorney

[If Consultant is a corporation
signature(s) must comply with
Corporations Code §313.]



4LEAF, INC.

ENGINEERING • CONSTRUCTION MANAGEMENT • INSPECTION • PLAN CHECK

City of Stockton
Building Services Division
100 Stockton Ave., Room 3
Stockton, CA 95404
Attn: Tracy LaBarber, Community Development

April 19, 2017

Subject: Qualifications to Provide On-call Plan Review and Inspection Services, Engineering Plan Review, and Floodplain Management.

Dear Ms. LaBarber,

4LEAF, Inc. (4LEAF) is excited to have the opportunity to submit our proposal to provide professional On-Call Plan Review and Inspection Services, Engineering Plan Review, and Floodplain Management Services for the City of Stockton. 4LEAF has been providing these services for numerous public and private clients in California for more than 17 years and is looking forward to the opportunity to continue to provide these services for the City. 4LEAF is the ideal choice for the following reasons:

☒ **Depth of Resources**

Regardless of the type of personnel you are looking for, 4LEAF has the depth of resources to provide staff on short notice. 4LEAF has a proven track record of providing building officials, inspectors, permit technicians, and plan review engineers typically within 24 hours of request. 4LEAF has the **largest pool of inspectors** in the industry (**more than 100 inspectors**) and has the desire to serve any building, fire inspection, or plan review need the City of Stockton may have, regardless of duration. The City of Stockton will have access to 4LEAF's comprehensive plan review team which includes Engineers, Architects, Fire Inspectors / FPE's, and ICC-Certified Plan Review staff.

☒ **Approach**

Our staff incorporates the right combination of experience, education, certifications, and registrations, allowing the 4LEAF team to provide a wide range of resources customized to the specific requirements of each client and project. 4LEAF principals and project managers have the experience to handle any requests. You can be confident that you will be dealing with staff that understands your department and service protocols. **Our approach to providing professional On-Call Plan Review and Inspection Services, Engineering Plan Review, and Floodplain Management Services to the City is straight forward:**

- Provide you with a lineup of **highly-qualified professionals** who know how to partner successfully with the City.
- Supply **proven resources and innovative ideas**.
- Offer **resource reliability and flexibility**.
- **Respond** to your needs.
- **Communicate** with you honestly and candidly.

☒ **Comprehensive Plan Review Services**

4LEAF is one of the Building & Safety industry's leader in providing professional plan review. 4LEAF's plan review services include:

- Structural Engineers and Mechanical/Electrical/Plumbing Plan Review Staff.
- Fire Review.

Proposal to Provide On-Call Plan Review and Inspection Services,
Engineering Plan Review, and Floodplain Management Services

- Civil Review.
- Less than 24-hour pickup and delivery of all plan reviews performed off site.
- Electronic plan review services.
- Expedited plan review services.
- Hourly plan review.
- Special negotiated discounted rates for large/complex reviews.
- Immediate response from 4LEAF's project manager or management team on all questions and requests.

☒ **Building Inspection Services**

4LEAF has the largest group of building inspectors in Northern California. We currently manage four large contracts with large inspection teams of approximately 10 or more staff. Most of these contracts include plan review and inspection with many of the technology giants of the East Bay, South Bay, and Peninsula including, Apple, VMware, Work Day, and Sybase (SAP). These projects range from the several million to billions of dollars of construction valuation in those cities/state agencies. 4LEAF also has a proven track record of providing staff as-needed including staffing for short-term assignments including one day assignments to cover staff training, sick days, vacation days, or spikes in permit activity.

☒ **CASp Expertise**

4LEAF has approximately 10 Certified Access Specialists on staff. We have performed CASp inspection and plan review projects and have consulted on numerous construction projects for accessibility questions and advice.

☒ **Leadership**

The contract with the City of Stockton will be managed by Joseph Nicolas, P.E., Joe has a proven track record of success with cities and counties neighboring the City of Stockton. Joe's contact information is as follows:


4LEAF, Inc.
8896 North Winding Way
Fair Oaks, CA 95628

Office: (916) 965-0010
Cell: (916) 200-9959
Email: jnicolas@4leafinc.com

4LEAF looks forward to working with the City. If you have any questions, please do not hesitate to call us.

Respectfully submitted,

4LEAF, Inc.



Kevin J. Duggan
Vice President

Joseph Nicolas, P.E.

Project Manager

Experience

30 years

Education

California Polytechnic State University
San Luis Obispo, CA –
B.S. Architectural Design

Certifications

California Registered Civil Engineer
License # 58139

Professional Affiliations

ICC – International Code Council

Structural Engineers of Northern
California

Experience Summary

Joe has more than 30 years of experience with both structural design and code compliance for large-scale projects as well as being a **Project Manager** on collaborative code review and building design projects. While leading the Plan Review Staff of more than 45 at the City of Sacramento, Joe had oversight of large public and private developments. These projects included the \$10 Million renovation of Sacramento's Historic City Hall; and high-rise buildings including the \$650 Million, 53-story, Towers Building on Capitola Mall; and the \$138 Million, 39-story Aura Residential Towers. Having worked for 4LEAF for over 7-years, Joe has been the Project Manager for major projects for the Judicial Council of California - Administrative Office of the Courts, the City of Cupertino - Main Street Cupertino, for Stanislaus County - Capital Improvement Projects, and several other projects.

Select Work Experience

4LEAF, Inc.

Senior Engineer / Senior Project Manager

For more than eight years, Joe has been responsible for the management of 4LEAF's plan review operation. Joe has crafted and managed a team of highly successful engineers and MEP staff of more than 20 personnel to work with numerous local clients including the City of Sacramento, City of Folsom, City of Roseville, City of Galt, Aerojet, and numerous Cities and Counties throughout the Central Valley, East Bay Area, and South Bay Area. Joe has worked on and managed a number of high-profile projects including:

- Wynn Casino, Everett, MA (\$2.1 Billion)
- Main Street Cupertino (\$300 Million)
- Administrative Office of the Courts (\$300 Million)
- Stanislaus County Jail (\$90 Million)
- Calaveras County Jail (\$68 Million)
- Tuolumne County Jail (\$30 Million)

Private Consulting Firm, Sacramento, CA

Director of Plan Review

Joe was responsible for supervising commercial and residential plan review staff on various projects working for developers and various building departments. Among Joe's responsibilities included preparation and administration of division's budget, consulting with developers, architects, and engineers, and communicating the life-safety & structural building codes.

Pacific Engineering

Principal Engineer

Joe managed his own firm and supervised staff during the production of steel fabrication drawings. Joe was responsible for providing structural engineering calculations to support the fabrication division and would consult with developers, contractors, architects, and engineers. His duties also included estimating the materials necessary and steel fabrication costs.

City of Sacramento – Development Services Department

Supervising Engineer

Joe was responsible for supervising the commercial and residential plan review staff on projects needing permits in the City of Sacramento. Joe's responsibilities included preparation and administration of division's budget, consulting with developers, architects, and engineers, and communicating the life-safety building codes. He also served as a plan reviewer for mid-rise structural projects, seismic retrofits of existing buildings using the State Historic Building Code and FEMA documents, and had reviewed various apartments and mixed use projects for the Life Safety provisions of the California Building Codes.

County of Sacramento

Associate Engineer

Joe provided his expertise in the building design industry providing structural plan review of commercial and residential buildings. These projects included 2 to 3 story apartments, commercial, residential, and Sacramento County Construction projects.

Buehler & Buehler Structural Engineers, Inc.

Associate Engineer

Joe provided his structural design experience for various projects throughout the Sacramento Region. He has extensive knowledge of the building codes and FEMA documents necessary to design structures. His design experience included the retrofitting of unreinforced masonry buildings, education facilities, healthcare facilities, commercial and residential facilities and parking structures. His experience included structures designed of timber, masonry, concrete, steel mid-rise construction and post tension concrete.

Orland Police Headquarters

Senior Plans Examiner

Existing Historic Building in Orland, California, a 92,000-square foot public safety building, type VB construction, fully sprinklered. Existing reinforced concrete moment frame arches with concrete shearwalls. Project was designed using the 2007 Historic Building Code and the 2007 California Building Code.

Seismic Evaluation and Upgrade

Ruhstaller Building, Sacramento, CA

Supervising Engineer

An early Historic 4600 square foot URM with mezzanine strengthened to meet the "collapse-prevention" performance objective defined in FEMA 310. The lateral system consisted of URM bearing/shearwalls supported by unreinforced brick and concrete footings.

**4LEAF, Inc.**ENGINEERING • CONSTRUCTION MANAGEMENT
BUILDING INSPECTION • PLAN CHECK**Section 2: Firm Information and Qualifications**

4LEAF, Inc. (4LEAF) is a California "C" Corporation that was established in 1999 and incorporated in 2001 by experienced engineers and managers with a focus on providing plan review, project inspection, and on-call inspection services to municipal Building and Public Works Departments. With the goal of setting the industry standard for excellent customer service, 4LEAF has grown to nearly 200 personnel (including more than 100 Building Inspectors with approximately 75 of those full-time) throughout California, Washington, Massachusetts, and Nevada.

Principal/Management Team:**President:** Kevin Duggan(P) – (925) 462-5959 (E) – kduggan@4leafinc.com**Vice President:** Bert Gross, P.E.(P) – (916) 965-0010 (E) – bgross@4leafinc.com**Vice President:** Gene Barry, P.E.(P) – (925) 462-5959 (E) – gbarry@4leafinc.com**Manager:** Joseph Nicolas, P.E. – Primary Contact(C) – (916) 200-9959 (E) – jnicolas@4leafinc.com**Bay Area - Corporate Office****Principal Office - 47 miles away**

2110 Rheem Drive, Suite A

Pleasanton, CA 94588

Sacramento Office –**Principal Office - 56 miles away**

8896 North Winding Way

Fair Oaks, CA 95628

San Diego Area Office**So. CA Office**

402 West Broadway, Suite 400

San Diego, CA 92101

Washington Office

1201 Pacific Avenue, Suite 600

Tacoma, WA 98402

Massachusetts Office35 Spaulding Street, 1st Floor

Everett, MA 02149

4LEAF Consulting, LLC

125 E. Reno Ave. Suite 3

Las Vegas, NV 89119

4LEAF maintains the *largest database of qualified personnel of varied qualifications.*

| <i>Title</i> | <i># of Staff</i> | <i>Title</i> | <i># of Staff</i> |
|----------------------------------|-------------------|---|-------------------|
| ICC Certified Plans Examiners | 25+ | ICC Certified Inspectors & Inspectors of Record | 100+ |
| ICC Certified Building Officials | 10 | Registered Architects | 3 |
| Registered Engineers (PE, SE) | 20 | ICC Permit Technicians | 8 |
| Code Enforcement Staff (PC832) | 8 | CASp | 10 |
| Construction Managers/Inspectors | 18 | QSP/QSD | 3 |

4LEAF has a proven track record of reviewing and inspecting projects of all sizes and complexities including:

Biotech Facilities

City/County-Owned Facilities

Large Campuses

Stadiums/Arenas

Commercial Office Parks

Detention/Criminal Justice Facilities

Essential Service Facilities

Laboratories

Military Projects

Refinery Facilities

Site Work

Water Front

Health Care Facilities

Transportation Facilities

Commercial Shopping Centers

High-Profile Type B Commercial Construction

Large-Scale Residential / Master Planned

Multi-Family Projects

**4LEAF, INC.**ENGINEERING • CONSTRUCTION MANAGEMENT
BUILDING INSPECTION • PLAN CHECK

As an experienced firm, 4LEAF has approaches to working with clients that are very different from those you might find when working with a large corporation. Our philosophy is to strive to be the best firm providing our clients with outstanding customer service and first-rate plan review and inspection services. 4LEAF has been the industry leader in providing Building Department Services to public and private clients throughout California. ***4LEAF has provided plan review and inspection services for numerous projects including office campuses, parking garages, transportation facilities, city-owned buildings, universities, public schools, hospitals, sports arenas, infrastructure, essential service facilities, solar projects, and laboratories. 4LEAF has also performed thousands of plan reviews on residential properties and tenant improvements.***

4LEAF's staff has a depth of experience in working with all types of building structures and has performed inspection and plan review services on more than \$25 billion dollars in construction during the past 15 years. We have worked with planning and building departments in the construction, rehabilitation, and repair of both public and private buildings as well worked with design review and preservation boards to determine the design criteria and associated project requirements of building improvements. In addition, our staff have performed inspections and plan reviews for public and private building structures for compliance with life-safety and Americans with Disabilities Act (ADA) accessibility requirements.

Basic Services Provided by Firm

| Building Department Services | Construction Management and Public Works Inspection | Engineering / Environmental Services |
|--|---|--|
| <ul style="list-style-type: none"> • Jurisdictional Inspectors <ul style="list-style-type: none"> ❖ Residential ❖ Commercial • OSHPD/DSA Inspectors of Record • ICC Certified Plan Review • California Certified Accessibility Specialists (Inspection & Review) • Leed Accredited Professionals • ICC Certified Building Officials • Complete Building Department Services • In House Plan Review • Offsite Plan Review • Property Condition Surveys | <ul style="list-style-type: none"> • Constructability Reviews • Baseline Schedule Review • Stakeholder Coordination • Submittals & RFI's Review • Performing Claims Analysis • Public Works Inspection • Construction Monitoring & Reporting | <ul style="list-style-type: none"> • Phase I & II Environmental Assessments • Storm Water Pollution Prevention • CERCLA and RCRA Remedial Investigation Work Plans • NPDES Permitting and Compliance • Engineering Cost Estimates • Geotechnical Engineering • Soil Characterization & Waste Profiling • Health & Safety Plans |

Firm's Financial Stability

4LEAF is a financially-stable company and many of our contracts are multi-year, which provides a large base for stability, a significant backlog of funding, and support of many in-house resources. ***During the past 18 years, 4LEAF's reputation for technical excellence and corporate integrity has allowed us to grow our staff and expand our services into new areas.*** We presently have seven offices located throughout California, Nevada, Massachusetts, and Washington, and a staff of nearly 200 certified and licensed Engineers, Architects, Construction Managers, Inspectors, and Administrative staff available to serve our clients.

Sub-consultants

4LEAF does not require the use of sub-consultants.



4LEAF, INC.

ENGINEERING • CONSTRUCTION MANAGEMENT
BUILDING INSPECTION • PLAN CHECK

Project Management Team

As your consultant, we understand that **our role is to be an advocate on behalf of the City of Stockton (City)** and represent the City's best interests. 4LEAF's team will function as an extension of City staff, seamlessly integrating with the personnel and practices established by the City while adding the perspective and expertise that only 4LEAF can offer. Our goal, which we have successfully accomplished on previous clients' projects, is to have our staff integrate with yours and be accepted as an essential part of the City.

Primary Contact: Lead Project Manager – Joe Nicolas, P.E.

This contract will be managed by our **Project Manager, Joe Nicolas, P.E.** Joe is responsible for Municipal Client management including staff recruitment, hiring, and the placing for Building Department clientele for positions like permit/counter staff, building official, plans examiners, residential inspectors, commercial inspectors, and inspection services for complex commercial developer funded projects.

Joe is a California registered Civil Engineer with more than 30 years of experience with both structural design and code compliance for large-scale projects. While leading the Plan Review Staff of more than 45 at the City of Sacramento, Joe had oversight of large public and private developments. These projects included the \$10 million renovation of Sacramento's Historic City Hall; and high-rise buildings including the \$650 million, 53-story, Towers Building on Capitola Mall; and the \$138 million, 39-story Aura Residential Towers. Having worked for 4LEAF for over 9 years, Joe has been the Project Manager for many projects for the Judicial Council of California - Administrative Office of the Courts, the City of Cupertino - Main Street Cupertino, Stanislaus County - Capital Improvement Projects, and several other projects.

All Inspection requests can be made to Joe Nicolas, P.E. Joe helps collectively manage the entirety of 4LEAF's Building and Safety Services Division that includes up to 150 employees, including more than 100 Inspectors. Whether the request ranges from full-time to part-time assignments, Joe will take the request, schedule the personnel, and confirm with the City all the pertinent details of the scheduling (i.e. time, dates, scope of service). **Joe has work with numerous local clients including the City of Sacramento, City of Folsom, City of Roseville, City of Rohnert Park, City of Healdsburg, Town of Tiburon, City of Galt, Aerojet, and numerous Cities and Counties throughout the North Bay Area, East Bay Area, South Bay Area and the Central Valley.**

Joe will discuss with the Building Department the exact personnel that are available at the time of request and give the Building Official several options. Availability will also depend on the length of assignment. 4LEAF has several local candidates available immediately – 4LEAF's Building Department Organization Chart is included at the end of this section. Staffing includes:

- **Project Inspectors**
- **Full-Time and Part-Time Building Inspectors**
- **Code Enforcement, Building Officials, Permit Technicians, etc.**
- **On-Call daily requests (24 hours notification or less)**
- **Fire Inspectors**
- **CASp Inspections/Consulting**

Joe Nicolas, P.E.
Senior Engineer
(916) 965 – 0010 – Office
(916) 200 – 9959 – Cell
jnicolas@4leafinc.com

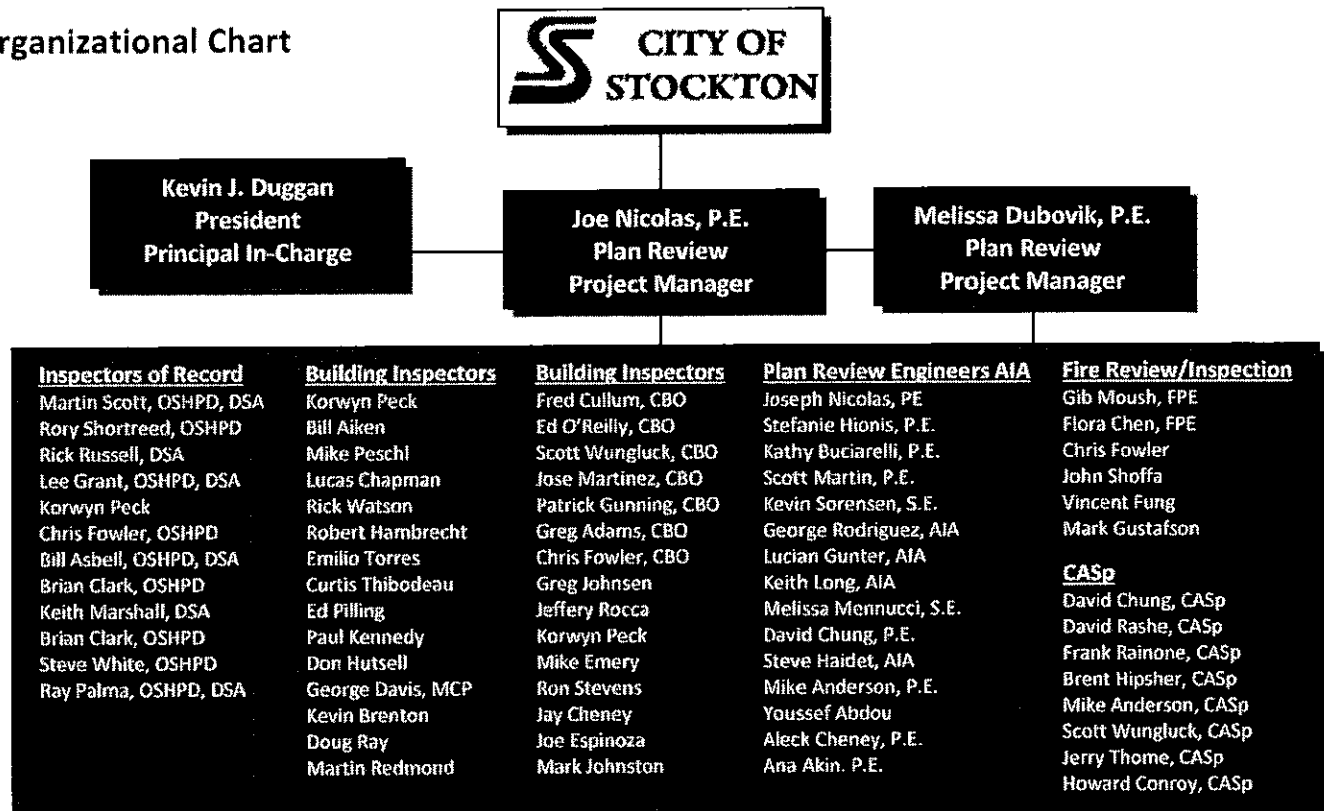


**4LEAF, INC.**ENGINEERING * CONSTRUCTION MANAGEMENT
BUILDING INSPECTION * PLAN CHECK**Plan Review Project Manager – Melissa Dubovik, P.E.**

The plan review portion of this contract will be managed by Melissa Dubovik, P.E. She will be responsible for coordinating the distribution of reviews to our plan review staff and managing the content of the reviews throughout Quality Control Checks. Melissa manages a comprehensive team of structural and non-structural plans examiners who work on a variety of residential, commercial, and industrial projects throughout the region and services such clients as the: **City of Sacramento, City of Folsom, City of Roseville, City of Galt, City of Rocklin, City of Ranch Cordova, Aerojet Rocketdyne, UC Davis Design & Construction Management, and numerous Cities and Counties throughout the North Bay Area, East Bay Area, South Bay Area and the Central Valley.**

Melissa is a California registered Civil Engineer with more than eleven years of experience providing plan review and engineering services on numerous projects. Melissa's responsibilities include reviewing initial and subsequent submittals of structural and non-structural building plans for conformance of residential, commercial and essential service projects to the California Building Code (CBC) applicable at the time of submittal; composing plan check comment letters for projects, and performing independent calculations to verify project calculations.

Melissa Dubovik, P.E.
Supervising Plan Review Engineer
 (916) 965 – 0010 – Office
 (916) 479 – 2403 – Cell
mdubovik@4leafinc.com

**Organizational Chart****More than 75 additional staff Available.**

**4LEAF, INC.**ENGINEERING • CONSTRUCTION MANAGEMENT
BUILDING INSPECTION • PLAN CHECK

Project Team Qualifications

The following are snapshots of 4LEAF's Plan Examiner and Inspector personnel lists. As a Project Manager, Joe Nicolas has direct supervision and the ability to compile the right team of staff that will be tailor to the needs of the City of Stockton.

4LEAF Plan Review Personnel:

4LEAF has **30 plan check personnel** that includes Registered Professional Engineers, Licensed Architects, Certified Access Specialists, and ICC Certified personnel dedicated to performing plan review services to our municipal clientele. Should duplicate names appear in our competitor's submittals, we are prepared to show payroll records to ensure you that all names listed in this proposal are employees of 4LEAF, Inc.

| Plans Examiners | Registrations & Certifications |
|-------------------------------------|---|
| Melissa Mennucci, S.E. | Registered Structural Engineer |
| Albert Kong, S.E. | Registered Structural Engineer |
| Mike Anderson, P.E., CASp | Registered Professional Engineer & CASp |
| David Chung, P.E., CASp | Registered Professional Engineer & CASp |
| Kathy Bucciarelli, P.E. | Registered Professional Engineer & 2 ICC Certifications |
| Ana Akin, P.E. | Registered Professional Engineer & 2 ICC Certifications |
| Joseph Nicolas, P.E. | Registered Professional Engineer |
| Melissa Dubovik, P.E. | Registered Professional Engineer |
| Stefanie Hionis, P.E. | Registered Professional Engineer |
| Anastasios Hionis, P.E., M.E., E.E. | Registered Professional Engineer, Mechanical and Electrical Disciplines |
| Constantine Shuihaibar, P.E., PHD | Registered Professional Engineer |
| Aleck Cheney, P.E. | Registered Professional Engineer |
| Sareh Deyhimi, P.E. | Registered Professional Engineer & 1 ICC Certification |
| Scott Martin, P.E. | Registered Professional Engineer |
| Lucian Gunter, AIA | Registered Architect |
| Keith Long, AIA | Registered Architect |
| Steve Haidet, AIA | Registered Architect |
| Youssef Abdou | Degreed Engineer |
| Yousef Marmosh, P.E., M.E. | Registered Professional Engineer |
| Peter Oliver | ICC Certified Plans Examiner |
| Joseph Espinoza | ICC Master Code Professional |
| Martin Redmond | ICC Certified Plans Examiner and 9 ICC Certifications |
| Joseph Espinoza | ICC Certified Plans Examiner and 8 ICC Certifications |
| Madhavi Latha | Degreed Engineer & ICC Certified Plans Examiner |
| Kevin Sorensen, S.E. | Registered Professional Engineer |
| Shilpa Chandrsenka, AIA | Registered Architect |

Fire Review:

4LEAF works with three different Fire Protection Engineers for fire review projects such as sprinklers, alarm systems, and other fire-related consulting items. The Fire Protection Engineers are provided below and resumes are available upon request.

| | |
|--------------------|--|
| Vincent Fung, P.E. | Registered Professional Engineer, Fire Protection Engineer |
| Flora Chen, P.E. | Registered Professional Engineer, Fire Protection Engineer |
| Gib Moush, P.E. | Registered Professional Engineer, Fire Protection Engineer |

**4LEAF, Inc.**ENGINEERING • CONSTRUCTION MANAGEMENT
BUILDING INSPECTION • PLAN CHECK**4LEAF Inspector Database:**

Below is a snap shot of 4LEAF's on-call inspection database. Should duplicate names appear in our competitor's submittals, we are prepared to show payroll records to ensure you that all names listed in this proposal are employees of 4LEAF, Inc.

| Inspectors | Certifications |
|--------------------------|---|
| Christopher Fowler, CBO | Certified Building Official, OSHPD A & 25 ICC Certifications |
| Rory Shortreed | OSHPD A & ICC Commercial Building Inspector |
| Martin Scott | OSHPD A & DSA 1 Certification |
| Ken DeCarlo | OSHPD A & DSA 1 & 5 ICC Certifications |
| Brian Clark | OSHPD B & ICC Combination Inspector |
| Keith Marshall | DSA 1 Certification |
| Mike Leontiades, CBO | Certified Building Official & 9 IC Certifications |
| George Davis | Master Code Professional & 36 ICC Certifications |
| Ron Stevens | 17 ICC Certifications |
| Mike Emery | 14 ICC Certifications |
| Howie Conroy, CBO, CASp | Certified Building Official, CASp & 11 ICC Certifications |
| Ed O'Reilly, CBO | Certified Building Official, 10 ICC Certifications |
| David Rashé, CBO, CASp | Certified Building Official, CASp, 11 ICC Certifications |
| Jerry Thome, CBO, CASp | Certified Building Official, CASp & 9 ICC Certifications |
| Curtis Tibodeau | 9 ICC Certifications |
| Lucas Chapman, CBO | Certified Building Official & 11 ICC Certifications |
| Emilio Torres | 8 ICC Certifications |
| Chuck Andrews | 8 ICC Certifications |
| Patrick Gunning | 8 ICC Certifications |
| Jeff Rocca | 7 ICC Certifications |
| Brent Hipsher, CBO, CASp | Certified Building Official, CASp & 6 ICC Certifications |
| Scott Wungluck, CASp | CASp & 6 ICC Certifications |
| Chris Pallares | 5 ICC Certifications |
| Greg Adams, CBO | Certified Building Official, 4 ICC Certifications |
| Kevin Brenton | 6 ICC Certifications |
| Martin Redmond | 4 ICC Certifications |
| Ed Pilling | 3 ICC Certifications |
| Doug Ray | Degreed Engineer, 2 ICC Certifications |
| | More than 75 additional ICC Certified Inspectors |

Permit Technicians:

4LEAF has a proven track record of providing Permit Technician/Counter staff to jurisdictions throughout California. The 4LEAF pool of talented professionals includes qualified and experienced permit technicians, capable of providing all permit processing and counter services.

| | |
|------------------|---------------------------------|
| Minnie Arredondo | ICC Certified Permit Technician |
| Tracy Evenson | ICC Certified Permit Technician |
| Danny Solano | Permit Technician |
| Traci Caton | Senior Project Technician |



4LEAF, INC.

ENGINEERING • CONSTRUCTION MANAGEMENT
BUILDING INSPECTION • PLAN CHECK

Experience with Public Agencies and References

4LEAF is the largest provider of Building Department Services. 4LEAF currently supplies more than **100 ICC Inspectors** to municipal clients both on an on-call basis or permanent assignment. 4LEAF also performs a multitude of **plan review services** for these clients both on-site and from our 4LEAF office locations.

City of Sacramento, CA

Plan Review Services & Inspection Services

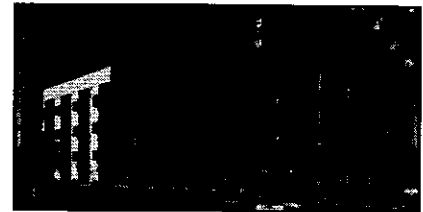
Joe is the 4LEAF Project Manager providing the City of Sacramento Plan Review, Field Inspection, and Permit Processing services. 4LEAF has established a collaborative working relationship with the City's Community Development Department. Joe knows the City's processes and procedures, and takes pride in providing excellent customer service and technical expertise.



Project Highlights

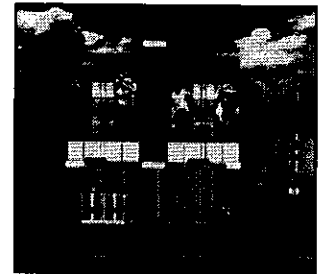
Q19 Apartments

An exciting project that 4LEAF has recently collaborated with the City on is the review of a new mixed use building located in Sacramento's vibrant Midtown. 4LEAF performed the Life Safety, Accessibility, Structural, Plumbing/Mechanical, & Electrical reviews of this 4-story, 64,000 sq. ft. building with a valuation of \$6.6 million. 4LEAF worked closely with both the City and design team to guide the project through a phased permit and an alternative means and materials method request to bring the project to full approval on an expedited timeline.



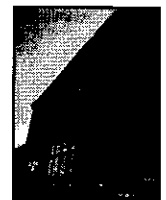
California Family Fitness, K Street

One of the most interesting City projects that 4LEAF reviewed in the past several years was the California Family Fitness project on K Street. This project is on the revitalized K Street Corridor and is a renovation of an existing unreinforced masonry building that had no as-built or drawings. The 31,000 sq. ft., 4-story, Type IIA, A-3/B occupancy building is a \$4.5 million project for which 4LEAF performed Life Safety/Accessibility/Structural/Plumbing/Mechanical/Electrical reviews. We collaborated closely with the City's Project Manager and the design team to work through some difficult design constraints which required the submittal and approval of an alternate material and methods of construction.



Hobby Lobby, Arden Way

4LEAF performed all plan reviews for the new, \$5 million, 55,000 sq. ft., single-story, Type V-B **Hobby Lobby** store. We worked closely with the City's Project Manager in order to meet some very tight construction schedule constraints.



| | |
|--------------------------|---|
| Client Name: | City of Sacramento |
| Project Dates: | 2001 - Present |
| Client Contact: | Winfred Deleon, Building Official |
| Client Telephone: | Office: (916) 808-5475 |
| Client Address: | 300 Richards Blvd., 3rd Floor, Sacramento, CA 95811 |
| Contact Email: | WDeleon@cityofsacramento.org |



4LEAF, INC.

ENGINEERING • CONSTRUCTION MANAGEMENT
BUILDING INSPECTION • PLAN CHECK

City of Roseville, CA

Plan Review Services & Inspection Services



4LEAF is contracted to provide Plan Review Services for the City of Roseville Building Department. 4LEAF was one of three firms chosen during the selection process at the end of 2011 to help assist with overflow and third party plan reviews as needed.

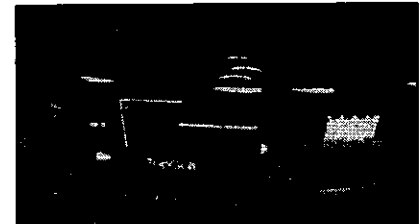
The City of Roseville has tasked 4LEAF with the review of many production homes in various new subdivisions, including Fiddymont Ranch, Westpark Village, and Foothills American Dream throughout our tenure as one of their consultants.

Topgolf

4LEAF worked very closely with both the City of Roseville and the design team throughout the entire review process to ensure that this unique project was completed on a tight deadline. Our team provided a comprehensive review, including that of an alternative means and materials method request, of this entertainment complex.



Client Name: City of Roseville
Project Dates: Since 2012 - ongoing
Client Contact: Scott Byrnes, Chief Building Official
Client Telephone: Office: (916) 774-5332
Client Address: 311 Vernon Street, Roseville, CA 95678
Client Email: SByrnes@roseville.ca.us



City of Healdsburg, CA

On-Call Plan Review and Inspection Services

4LEAF currently provides as-needed building inspection and plan review services for the City of Healdsburg which features an affluent community of high-value real estate both residentially and commercially.



Project Highlights

4LEAF is currently serving the City of Healdsburg with on-site plan review services. 4LEAF provides a plans examiner three days per week to work at the City and provide over-the-counter plan check and permitting services to the community in order to ensure the City is able to maintain a proper customer service turn-around and attention to detail.

Agency Name: City of Healdsburg
Project Dates: 2016 - Present
Client Contact: Barbara Nelson, Planning & Building Director
Contact Telephone: Office: (707) 431-3482
Client Address: 401 Grove Street, Healdsburg, CA 95448
Contact Email: BNelson@ci.healdsburg.ca.us

**4LEAF, INC.**ENGINEERING • CONSTRUCTION MANAGEMENT
BUILDING INSPECTION • PLAN CHECK**City of Palo Alto, CA***Building Inspection, Permit Technician, Plan Review***Miscellaneous jurisdictional inspection assignments**

Since 2007, 4LEAF has provided several combination inspectors to assist the City staff with routine daily inspections for commercial and residential properties located throughout Palo Alto. Our inspection services vary from full-time to temporary part-time staff to help augment vacation or extended absences to due illness and/or market demand.

**On-Site Plans Examiners**

Since 2010, 4LEAF has provided on-site plans examiners for the City of Palo Alto. All Plans Examiners are registered Engineers in the State of California and are responsible for reviewing larger projects between \$100,000 to \$50,000,000 under the direction of the Chief Building Official. In addition, they will also assist the Permit Counter with over-the-counter plan reviews and general questions from the public. Some of the most recently reviewed projects include Skype, Stanford Medical Center, Technology Credit Union, and VMware.

Inspection Services (Project Specific)

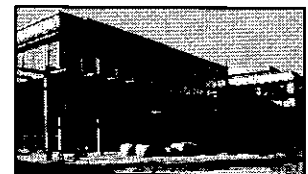
4LEAF also provided the Project Inspector on the City of Palo Alto new **Mitchell Park Library and Community Center** under Turner Construction Management. 4LEAF is responsible for performing combination inspections and the project is on track for LEED Gold Certification. The project consists of a new 56,000 sq. ft. joint facility that will replace the two former facilities. The new Mitchell Park Library and Community Center is a highly sustainable joint-use facility that will be a vibrant destination for civic, cultural, social, educational, and recreational activities.



4LEAF provided the building inspection services on the **Taube-Koret Campus for Jewish Living**. This project replaced the old Sun Microsystems space and made way for a 8.6 acre and **\$350 million** mixed used facility which included Senior Housing, Gymnasium, in-door and outdoor swimming pools, parking structure, theatre, school, etc. This project won several awards and was a huge benefit to the community.



4LEAF provided two full-time inspectors to the VMware campus. This project is a **\$1.3 billion** expansion project at the Stanford Research Park. This project includes construction of an extensive expansion and renovation of the current corporate office campus totaling approximately 800,000 sq. ft. and three (3) parking garage structures for approximately 2,900 stalls. This project is pending LEED Certification.

**Annual Contract Value: ~\$2,000,000**

Client Name: City of Palo Alto
 Project Dates: 2007 - Present
 Client Contact: Peter Pirnejad, P.E., Director of Development Services
 Client Telephone: Office: (650) 329-2550
 Client Address: 285 Hamilton Ave. Palo Alto, CA 94301
 Contact Email: Peter.Pirnejad@CityofPaloAlto.org

**4LEAF, INC.**ENGINEERING • CONSTRUCTION MANAGEMENT
BUILDING INSPECTION • PLAN CHECK**City of Cupertino, CA***On-Call Plan Review, Fire Plan Check, and Inspection Services*

4LEAF is currently performing on-call building inspection, plan review, and fire plan review services for the City of Cupertino. 4LEAF has completed numerous residential and commercial plan reviews on behalf of the City.

Apple Campus 2

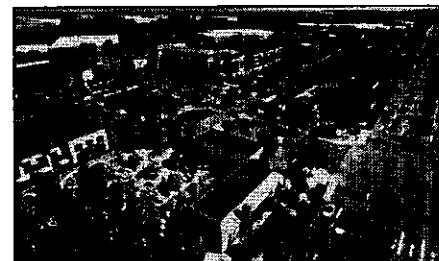
4LEAF is currently providing the Building, Fire, and Public Works Department Inspection services on the largest private commercial construction project in the Country. 4LEAF has been tasked with mobilizing a **project team of more than 20 Building, Fire, and Public Works Inspectors, Project Administration Staff, and Engineering team** for this more than **\$6 Billion project**. 4LEAF is responsible for coordinating the inspections in relation to the City's permits and ultimately packaging milestones of the project for occupancy approval from the City's Chief Building Official. This project includes several different buildings on Campus to include:

**Main Street Cupertino Project**

4LEAF is currently performing a review on the Main Street Cupertino Project. The 17.4 acre Downtown Cupertino project includes 130,000 square feet of retail space, 100,000 square feet of office space, and 160 units of high-end senior Housing. This project is a collaborative effort working closely with the City of Cupertino, the design professionals and the developer. This project includes:

Site Description / Master Plan

- Main Street Cupertino Encompasses 17.4 Acres
- 130,000 Square Feet of Retail
- One Acre European Inspired, Public Square
- 100,000 Square Feet of Class-A Office
- 150-250 Room Hotel
- 160+ Units of High-End Senior Housing

**Annual Contract Value: \$4,000,000**

Agency Name: City of Cupertino
 Project Dates: 2010 – Present
 Client Contact: Albert Salvador, P.E., C.B.O., Chief Building Official
 Client Telephone: Office: (408) 777-3328
 Client Address: 10300 Torre Ave, CA 95014
 Contact Email: AlbertS@Cupertino.org



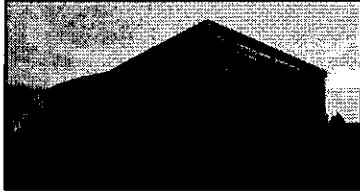
4LEAF, INC.

ENGINEERING • CONSTRUCTION MANAGEMENT
BUILDING INSPECTION • PLAN CHECK

City of Dublin, CA

On-Call Plan Review, Code Enforcement, and Inspection Services

4LEAF has an on-call contract with the City of Dublin Building Department to provide third-party plan review, code enforcement, and inspection services. 4LEAF is responsible for work being performed within the City's jurisdiction on projects ranging from major new development areas to capital improvement projects and infill development. 4LEAF has supplied as many as **14 continuous staff** to the **City of Dublin** over the course of this ongoing contract.



4LEAF has performed plan review and inspection services of the Ross Corporate Campus located in Dublin, CA. To date this includes the tenant improvements of 3 three-story buildings totaling approximately 360,000 sq.ft.

ROSS
DRESS FOR LESS

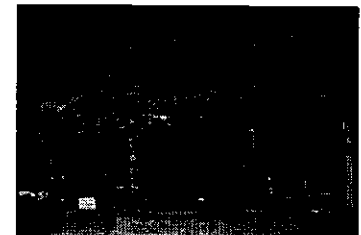
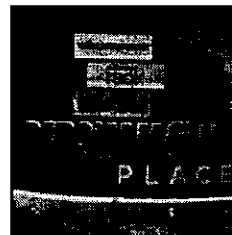
Building department style plan review includes a Structural Review, Building (life-safety) Review, Accessibility / ADA Review (performed by a Certified Access Specialist), Energy Compliance/Title 24 Review, and Plumbing/Mechanical/Electrical Review. All final submitted project documents must be wet stamped and signed by the project's registered engineer(s) or licensed architect(s) per State of California regulations.

Sizes:

5120 Hacienda – 100,000 Sq. Ft.
5130 Hacienda – 100,000 Sq. Ft.
5140 Hacienda – 100,000 Sq. Ft.
Valuation: \$68 Million
Turn-Around: 3 Weeks
Consultant Fee: ~\$25,000
Occupancies B and A-3

4LEAF inspection staff members have provided combination building inspection services for some of the **City's most important commercial projects including shopping centers, parking garages, big-box retail stores, medical centers, libraries, and countless capital improvement projects.** 4LEAF inspection staff members have also provided combination building inspection services on numerous **high-density residential projects** which routinely required Type V one- hour inspections. These projects include:

- Ulfert's Center
- Grafton Station
- Gateway Medical Center
- Avalon Bay
- Persimmon Place
- Tassajara Ranch
- Emerald Place
- City of Dublin Library
- Dublin Ranch
- Wallace Ranch



Annual Contract Value: \$1,200,000

Agency Name: City of Dublin
Project Dates: 2002– Present
Client Contact: Gregory Shreeve, C.B.O., Chief Building Official
Client Telephone: Office: (925) 833-6620
Client Address: 100 Civic Plaza, Dublin, CA 94568
Contact Email: Gregory.Shreeve@ci.dublin.ca.us



4LEAF, INC.

ENGINEERING * CONSTRUCTION MANAGEMENT
BUILDING INSPECTION * PLAN CHECK

Stanislaus County Capital Projects

Plan Review Services

4LEAF provided complete code review services for the following projects:

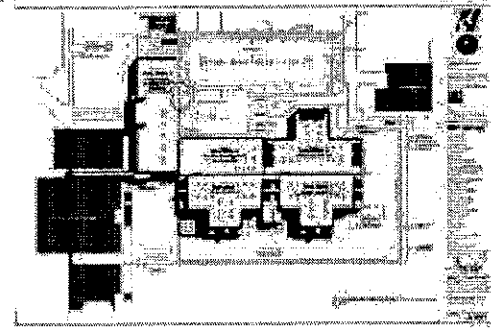
- Barracks Replacement
- Coroner Facility
- Psychiatric Facility
- Public Safety Center Projects 1, 2, and 3



Project Examples

Public Safety Center Projects 1 & 3

- **Project One (Maximum-Security/Medical/Mental Health Housing Units)** – Includes two maximum-security housing units (240 beds each), special needs housing unit, medical and mental health housing unit (72 OSHPD-licensable beds), health services facility, and security administration, to be funded 90% by Assembly Bill/AB 900 Phase II funding and 10% by County matching funds.
- **Project Three (Intake, Release, Transportation)** - Includes various support facilities to be funded entirely by County funds through funds set aside from Public Facility Fees.



Size: 270,000+ Sq ft
Valuation: ~\$100 Million
Plans Received: 10/2014
Review Completed: On-Going
Consultant Fee: \$80,000
Total Beds: 552
Occupancies A/B/I Types II-B and II-A

These projects consist of 135,200 square feet (sf) of housing, treatment, and program space on approximately 9 acres of the greater 127± acres of County-owned land on which the County's existing Public Safety Center is located. Projects One and Three will include two new buildings constructed primarily of steel and concrete for security and long-term durability. Project One will be a jail expansion, approximately 101,600 sf, that includes two maximum security adult detention housing units, one medical/mental health housing unit, a health services unit, a security administration (control) center, and all necessary circulation and common space. Project Three will be an intake, release, and transportation center, approximately 33,600 sf. Both of these facilities will be dependent on the existing, adjacent facilities for several core operational components, including kitchen and laundry services; offender intake, release, and transportation; and

Client Name: County of Stanislaus
 Project Location: 200 E. Hacket Rd, Ceres, CA
 Client Contact: Patricia Hill Thomas, COO
 Client Address: 1010 10th Street
 Modesto, CA 95354
 Client Phone: (209) 525-6333
 Project Cost: \$100 Million

Key Personnel
 Scott Martin, PE – Structural Review
 Craig Tole – Consultant PM
 Joe Nicolas, P.E. – Code Review
 Mike Anderson, P.E., CASp – Code



4LEAF, INC.

ENGINEERING • CONSTRUCTION MANAGEMENT
BUILDING INSPECTION • PLAN CHECK

City of Monterey, Portola Hotel and Conference Center

Plan Review Services

4LEAF performed plan review for the 102,000 Sq. Ft. Portola Hotel and Conference Center on behalf of the City of Monterey for the major renovation of the existing City-owned Conference Center originally constructed in 1977. 4LEAF reviewed these plans in less than 4 weeks and performed numerous subsequent re-checks of the review. In addition, 4LEAF's Project Management team also met with the City and design team to assist in the process.



4LEAF's plan review consisted of:

- Life Safety and Master Exiting Plan Review determining compliance to the 2013 CBC.
- Structural Plan Review determining compliance with the 2013 California Building Code.
- MEP review determine compliance with 2013 CMC, CPC, and CEC.
- Energy Code Plan Review in compliance with 2013 California Energy Code.
- Green Building Review in compliance with the 2013 California Green Code.
- Fire Code Plan Review determining compliance with 2013 California Fire Code.
- NFPA 13 Fire Sprinkler and NFPA 12 Fire Alarm (Deferred).
- Disabled Access Review to determine compliance to the 2013 California Building Code and 2010 ADA Standards.

Plan Review:

Size: 102,000 Sq. ft.

Valuation: \$25 Million

Consultant Fee:



Client Name: City of Monterey
Project Location: 1 Portola Plaza, Monterey, CA
Client Contact: John Kuehl, CBO
Client Address: 580 Pacific Street, #4
Monterey, CA 93940
Client Phone: (831) 646-5642
Completion Date: 2016
Contact Email: Kuehl@monterey.org

Key Personnel
Stefanie Hionis, P.E.
Mike Anderson, CASp
Joseph Nicolas, P.E., Project Manager

Melissa Dubovik, P.E.

Plan Review Engineer/ Project Manager

Experience

11 years

Education

Bachelor of Science in Architectural
Engineering, 2005
California Polytechnic State University,
San Luis Obispo

Registrations

State of California Licensed Professional
Engineer, Civil, #73241

Software Proficiency

AutoCAD (v.97 - v.2008), Revit 2009,
SAP2000, Enercalc, TJBear, RAMSteel,
RAM Advanse, Microsoft Office Suite

Experience Summary

Melissa is a California registered Civil Engineer with more than eleven years of experience providing plan review and engineering services on numerous projects. Melissa currently assists 4LEAF in the management of plan review efforts including distribution to our Fire Review, Structural Review, and Non-Structural Review personnel.

Select Professional Experience

4LEAF, Inc.

Plan Review Engineer

2012 - Present

Melissa is responsible for coordinating and Project Managing all plan reviews from 4LEAF's clientele and distributing to the appropriate plan review personnel. Melissa's responsibilities include reviewing initial and subsequent submittals of structural and non-structural building plans for conformance of residential, commercial and essential service projects to the California Building Code (CBC) applicable at the time of submittal; composing plan check comment letters for projects, and performing independent calculations to verify project calculations.

Buehler and Buehler Structural Engineers, Inc.

Project Engineer

2005-2011

As a project engineer, Melissa designed essential service, educational, commercial (entertainment, office and retail) and multi-family residential buildings. She is experienced with Seismic design experience with codes: 2009 IBC, 2010 CBC, ASCE 7-05, ACI 381-05, AISC 341. Melissa has the ability to complete her own construction documents in AutoCAD or Revit Structural Ability to adapt to clients needs. Melissa's design experience includes:

- Little Saigon Plaza, Sacramento, CA
- Sutter Memorial Hospital Catheterization lab # 3, Sacramento, CA
- Lincoln Square Plaza, Lincoln, CA
- Offices at Cameron Park, Cameron Park, CA

Mike James Anderson, P.E., CASp

Plan Review Engineer

Experience

25 years

Education

BS, Civil Engineering,
California State University,
Sacramento

Registration

CA Registered Civil Engineer

Certification

ICC Certified Professional Plans
Examiner

CASp – Certification No 328

Experience Summary

Mike Anderson has over 25 years of extensive plan review experience. He has provided architectural and structural plan review services on numerous moderate and complex projects for various jurisdictions and clients in California. His architectural review experience includes both reviewing new construction plans for code compliance and analyzing existing buildings for potential occupants and building owners. This architectural review covers aspects of the California Building Code including occupancy type, rated construction, exiting and accessibility. Mike is not only a professional engineer but also a Certified Access Specialist. Mike is currently responsible for providing architectural and accessibility plan review and office staff oversight for a variety of commercial, industrial, and multi-family residential projects throughout the western U.S. Through many years of project experience and personal contacts in the code industry, he maintains a strong connection with and understanding of the California Building Code. Mike has extensive experience reviewing high-rise and mid-rise projects for the City of Sacramento for conformance with the local building codes and ordinances. He has reviewed apartments, commercial buildings, OSHPD 3 Facilities and assembly occupancy facilities.

Select Project Experience

Plaza Lofts Seven Story Building

Plans Examiner

City of Sacramento, CA

High-Rise with complex rated construction details and Ch.11A accessibility including parking garage, ramps, etc.

Marriott Hotel – Fifteen Story Hotel & Condominium Building

Plans Examiner

City of Sacramento, CA

High-Rise with both CBC Ch. 11A & B accessibility provisions.

RT Metro Repair Facility

City of Sacramento, CA

Industrial structure with multiple other uses including assembly and office.

Carefree Natomas Apartments, Sacramento, CA

Three-story multi-family with clubhouse – 20 building site including full accessibility site analysis.

Keith Long, AIA

Plans Examiner

Experience

35+ years

Education

B.S. Architecture

University of California, Berkeley

Registrations/Certifications

Registered Architect, CA

National Council of Architectural
Registration Boards (NCARB)

Professional Affiliations

ICC/ICBO Education Committee, Code
Development and Review Committee,
Plan Review Committee

Commissioner, California State Board of
Architects

American Institute of Architects, Central
Valley Chapter / Hawaii Society

Construction Specifications Institute (CSI)

National Trust for Historic Preservation

Member, Yolo County Historic Landmarks
Commission

Member, Woodland Historical Landmarks
Committee

Executive Committee, Downtown
Woodland Renovation

Chairman, City of Chico Architectural
Review Board

Member, Rotary International

Experience Summary

Keith has over 35 years of experience as a private practitioner with over 1,000 commissions in three states. He has been the Architect of Record for a variety of projects ranging from special studies to technical historical restorations with a strong emphasis in rehabilitation, remodeling and adaptive reuse projects, and new construction in all occupancy groups. He has a proven track record in the design and construction of power generation facilities, and code compliance reviews of single-family and over 2,000 units of multi-family residential projects, medical offices, public works, military, retail and office commercial, banks, restaurants, schools, churches, city halls and council chambers. Keith has extensive expertise with the ICC, IBC, UFC, NEC, UMC and UPC, UCBC, the State Historic Building Code, California Building Code, Title 24 California Electrical Code, and Americans with Disabilities Act. He has authored in-house studies and draft policies such as seismic upgrades for unreinforced masonry buildings, and led numerous training workshops both for city inspection staffs and the general public, in subjects such as truss design and inspection, acoustics in construction, accessibility, code updates and others.

Select Project Experience

Mariposa Energy Project

California Energy Commission / Mariposa Energy

Director of Engineering Services

The Mariposa Energy Project is a natural gas-fired, simple-cycle electrical generating facility rated at a generating capacity of 200 MW. Four General Electric LM6000 combustion turbine generators (CTGs) and associated support equipment are included. A new approximately 0.7 mile long, 230kV transmission line will deliver the plant output to the electrical grid via the existing 230kV substation located north of the project site.

Abengoa Mojave Solar Project

California Energy Commission / Abengoa Solar, LLC

Director of Engineering Services

The project utilizes parabolic trough technology to solar heat using a heat transfer fluid (HTF). This hot HTF will generate steam in solar steam generators, which will expand through a steam turbine generator to produce electrical power from twin, independently-operable solar fields, each feeding a 125 MW power island. The sun will provide 100 percent of the power supplied to the project through solar-thermal collectors.

Genesis Solar Energy Project

California Energy Commission / NextEra Energy Resources, LLC

Director of Engineering Services

The project consists of two independent solar electric generating facilities with a nominal net electrical output of 125 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.

GWF Tracy

California Energy Commission / GWF Tracy

Director of Engineering Services

GWF Energy is modifying the existing Tracy Peaker Plant by converting the existing facility into a combined-cycle power plant with 145 MW of additional generating capacity. The 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.

Palomar Power Project

California Energy Commission / San Diego Gas & Electric

Director of Engineering Services

The project included a natural gas-fired combined cycle power plant and associated reclaimed water supply and brine return pipelines, two combustion turbine-generators equipped with dry low combustors and evaporative inlet air coolers, two heat recovery steam generators equipped with duct burners, a steam turbine-generator and associated auxiliary systems and equipment. The project also included a new 230 kV switchyard connecting with an existing San Diego Gas and Electric, electric transmission line.

Colusa Generating Center

California Energy Commission / Pacific Gas & Electric

Director of Engineering Services

The Colusa Generating Station is a 660MW combined cycle generating facility. The project is fueled by natural gas which is delivered to the site via a new 8 inch, 1,500-foot pipeline owned and operated by PG&E. Transmission interconnection required four double circuit 230 kV lines that connect to PG&E's existing 230 kV north-south transmission lines located approximately 1,800 feet east of the project site. The project included over 700 submittals for review and approval.

Frank Rainone, CASp

Plan Examiner

Experience

27+ years

Certifications

CASp # 410

Expires 3/09/2018

ICC Certified Accessibility
Inspector/Plans Examiner

Expires 12/02/2016

ICC Certified Building Inspector

Expires 12/02/2016

ICC Certified Building Plans Examiner

Expires 12/02/2016

ICC Certified Combination

Dwelling Inspector

Expires 12/02/2016

ICC Certified Residential

Combination Inspector

Expires 12/02/2016

Experience Summary

Frank is an ICC Certified Building Plans Examiner, Certified Accessibility Inspector/Plans Examiner, and Certified Building Inspector with more than 27 years of experience working within local jurisdictions.

Frank is experienced with the customer service aspects of municipal building department counters and possess a working knowledge to examine plans and specifications for residential and commercial projects to ensure compliance with the California Building Code, California Residential Code, Building, Mechanical, Plumbing, Electrical, and Title 24.

Select Project Experience

4LEAF, Inc.

Plan Examiner

July 2016 – present

Frank is currently performing plan reviews for many of 4LEAF's clients. Frank reviews residential and commercial plans for life-safety, plumbing, mechanical, electrical, Title 24 energy, and disabled access.

City of Pleasanton, CA

Plan Checker

Dec 2012 – July 2016

Frank was responsible for the regular plan review and provided over the counter review services as needed. Frank reviewed all phases of residential and commercial construction for MEP, Title 24 energy, and disabled access. Calculated permit and sewer fees as required. Acted as the building official in his absences.

City of East Palo Alto, CA

Building Official

March 2008 – Dec 2012

Frank oversaw the daily operations of the Building Services Division which included but was not limited to; the operating budget, inspections, code enforcement, and the plan check of all non-structural projects. In addition, Frank prepared ordinances for the adoption of the building codes.

Frank implemented the city's first permit tracking system (CRW) for all divisions and departments use. He developed code enforcement requirements including ordinances to provide staff with the additional tools to deal with code enforcement issues. Frank also provided training for the city's inspector and permit techs concerning code and enforcement issues.

City of Sunnyvale, CA
Plan Check Coordinator
Dec 1999 – March 2008

As the plan check coordinator, Frank oversaw the plan review process for the one-stop permit center and all other plan review services provided by the city. As part of the plan review process, he provided reports to the building official concerning plan review accuracy and achieving assigned plan due dates, and was directly involved with the plan review of the more complicated projects such as multi-story residential and commercial buildings. Included with the plan review process was review for mechanical, plumbing and electrical systems, accessibility, and Title 24 energy compliance. Frank was also responsible training the building inspector coordinators and the plan checkers for both plan review and inspections. In addition, Frank was responsible for overseeing portions of the building department's budget and assisted the building official in the adoption of the building codes. Frank acted as the building official in the building official's absence.

Frank assisted with and oversaw the more complex inspections related to the larger building projects within the city. He conducted meetings on all types of building projects and met with developers, owners, architects and contractors to resolve construction related and plan review issues.

City of Sunnyvale, CA
Sr. Building Inspector
Dec 1995 – Dec 1999

As the Sr. Building Inspector Frank, was directly involved with the plan reviews of the more complicated projects such as; multi-story residential, commercial buildings, and all types of occupancies including hazardous type. Included with the plan review process was review for mechanical, plumbing and electrical systems, accessibility, and Title 24 energy compliance. Frank was also responsible for training the building inspector coordinators and plan checkers for both plan review and inspections. In addition, Frank assisted the building official in the adoption of the building codes, and oversaw the more complex inspections related to the larger building projects in the city.

City of Sunnyvale, CA
Building Inspector
Dec 1989 – Dec 1995

Frank inspected and plan review of all types of construction related to the different occupancy types. Inspections included compliance with the building, mechanical, electrical, plumbing, accessibility features, and Title 24 energy requirements. He also provided plan review on all type of construction.

City of Gilroy, CA
Building Inspector
July 1987 – Dec 1989

Frank inspected all types of construction related to the different occupancy types. Inspections included compliance with the building, mechanical, electrical, plumbing, accessibility features, and Title 24 energy requirements. Frank also provided plan review on all type of construction.

Constantine Shuhaibar, PhD, PE

Structural Review Engineer

Education

BE/1988/Civil Engineering, American University of Beirut, Beirut, Lebanon

MS/1990/Structural Engineering, San Jose State University, San Jose, California

PhD/1995/Structural Engineering, Cornell University, Ithaca, New York

Registrations

Registered California Civil Engineer, C59669, California

Experience Summary

Dr. Shuhaibar is Civil/Structural Engineer and an expert in Building and Structural Design. He will be available to the team as needed for structural design review services. He specializes in performance-based techniques, seismic isolation and damper systems, and seismic risk analysis. Dr. Shuhaibar is also a specialist in Steel Moment Frames and Buckling Restrained Braced Frames. He has been invited to peer review/plan check many new and retrofit designs, such as the landmark high-rise structure 'The Towers' on Capitol Mall in Sacramento.

Select Project Experience

UCSF Hospital, Mission Bay, San Francisco, CA

Dr. Shuhaibar was retained by the general contractor and worked closely with the architects of record on the structural design of a new panelized prefabricated wall system to be used throughout the 870,000 square foot facility. Several schemes were developed and economic feasibility studies are underway. The next step is full scale testing and obtaining Office of Statewide Health Planning and Development (OSHPD) approvals. Dr. Shuhaibar was also asked to value engineer specific repetitive light gauge steel details. Working with DPR Construction, cost effective alternate details were developed and approved by the structural engineer of record and OSHPD.

The Towers on Capitol Mall, Sacramento, CA

Dr. Shuhaibar performed the review of Tower 1 which consists of a hotel with 276 keys with 343 condominium units. Tower 2 consists of 467 condominium units. It is the largest private development in Sacramento history at a height of 615 feet and 53 stories per tower. The structural system is a concrete post-tensioned flat slab with a reinforced concrete "core-only" shear wall in each tower sitting on separate thick concrete mat foundations with more than 3,000 post-tensioned piles. Extensive nonlinear dynamic time history analysis was performed along with a peer review.

Key Qualifications

- *Design:* Strong background in the design of steel, reinforced concrete, and pre-stressed concrete structures per UBC/AISC/ACI.
- *Evaluation:* Special familiarity with performance-based techniques for existing structures as outlined in the FEMA 356/273, ATC-40, and Vision 2000 guidelines.
- *Review:* Including Peer Review, Plan Check, Value Engineering, and Constructability Reviews.
- *Risk Assessment:* Includes Probable Maximum Loss (PML) and Seismic Risk Reduction Plans
- *Research & Development:* Building Code Development and New Structural Systems.

Stefanie Hionis, P.E.

Plan Review Engineer

Experience

10+ years

Education

Bachelor of Science in Architectural
Engineering, 2002

California Polytechnic State
University, San Luis Obispo

Registrations

State of California Licensed
Professional Engineer, Civil, #70789

Certifications

LEED Accredited Professional

Professional Affiliations

California Office of Emergency
Services, Safety Assessment
Program, DSW-Volunteer

Structural Engineers Association of
Central California, Young Members
Forum

Software Proficiency

AutoCAD (v.97- v.2008), Revit 2009,
SAP2000, Enercalc, TJBear,
RAMSteel, RAM Advanse, Microsoft
Office Suite

Experience Summary

Stefanie is a California registered Civil Engineer with more than 10 years of experience providing plan review and engineering services on numerous projects. Stefanie is a LEED Accredited Professional and a member of the Structural Engineers Association of Central California Young Members Forum.

Select Professional Experience

4LEAF, Inc.

Plan Review Engineer

Stefanie's responsibilities include reviewing initial and subsequent submittals of structural and non-structural building plans for conformance of residential, commercial and essential service projects to the California Building Code (CBC) applicable at the time of submittal; composing plan check comment letters for projects, and performing independent calculations to verify project calculations.

Board for Professional Engineers and Land Surveyors

Subject Matter Expert

Serving as subject matter expert, Stefanie reviewed and approved applications for the Civil Professional Engineers Exam, coordinated with Senior Registrars to address unique applicant questions and applications, communicated with applicants and guided their efforts to finalize incomplete applications, and implemented process improvements in written communication methods to applicants.

Buehler and Buehler Structural Engineers, Inc.

Project Engineer

As a project engineer, Stefanie designed essential service, educational, commercial (entertainment, office and retail) and multi-family residential buildings. She is experienced with timber, concrete, CMU and steel (including light gage) construction utilizing the 2001 and 2007 CBC, specialized computer programs, in-house design tools and hand calculations. She performed construction administration, including addendum drawings, RFI's / SSK's and structural observations. She coordinated structural support of equipment for Tenant Improvements (TI's), school modernizations and medical equipment upgrades in hospitals and medical office buildings. Stefanie analyzed conditions and capacities of existing structures for ASCE 31 protocol as member of design team, and controlled design schedules by drafting smaller projects in AutoCAD. Stefanie mentored younger engineers and was a member of in-house LEED committee.

Scott Martin, P. E.

Plan Review Engineer

Experience

18+ years

Education

University of California, Irvine
B.S. Civil Engineering

Certifications

California Registered Civil Engineer
License # 59091

Nevada Registered Civil Engineer
License # 019922

Professional Affiliations

ICC – International Code Council

Structural Engineers of Northern
California (SEAOC)

ASCE

Experience Summary

Scott has more than 18 years of structural engineering experience. Scott has performed a multitude of plan reviews for many different disciplines including OSHPD 3, DSA Projects, and various municipal reviews for clients throughout California. Scott's day-to-day activities include the review of plans submitted to local jurisdictions, creation and submission of plan check letter, and constant communication with all project stakeholders. In addition, Scott was often tasked with the education of building code to applicants.

Select Professional Experience

4LEAF, Inc.

Structural Plan Check Engineer

2012 - Present

Starting in December of 2013, Scott has recently accepted a position to perform and manage plan reviews in the Central Valley and Central Coast for many of 4LEAF's clientele. Since 2012, Scott has worked for 4LEAF as a structural plans examiner and has been tasked to the City of Palo Alto. Scott was often assigned to the counter to work with the public and architects to answer building code related questions and to provide excellent customer service. In addition, Scott performed many large-scale plan reviews for the City including:

- Stanford Medical Center (6 Stories) - \$32 Million
- VMware HTE tenant improvement - \$25 Million
- Hilton Hotel and Underground Parking - \$18 Million
- VMware Parking Structure 2 - \$14 Million
- Stanford Hospital Site Development - \$13 Million
- 260 California (3 Story mixed-use & underground parking) - \$10 M
- Thermal Vacuum Chamber - \$9.7 Million
- VMware Parking Structure (4 Levels) - \$6.8 Million
- 4 Story tenant improvement for Survey Monkey - \$6.1 Million
- Merck Corporate Office - \$4.9 Million



Wildan Engineering, Fresno, CA

Structural Plan Check Engineer

2007-2010

Scott performed structural plan reviews on behalf of Wildan Engineering for numerous jurisdictions throughout California. Scott was tasked with the plan review, creation of the plan check letter, communicating with project stakeholders, and educating the applicants on current building codes and standards. Some of Scott's projects included:

- CSU Humboldt Student Center Expansion; Arcata, CA
- Park Place: Res/Office/Retail over Parking; Paso Robles, CA
- CalRENEW-1 Solar Power Farm; Mendota, CA
- City of Winters Police/Fire Complex; Winters, CA
- UC Davis Hyatt Place Hotel; Davis, CA

Advanced Structural Design, Inc., Fresno, CA

Project Engineer

1998-2007

Scott was a Project Engineer for nearly ten years with Advanced Structural Design out of Fresno. Scott was responsible for engineering design, drafting (Autocad & hand), shop drawing review, and coordination with clients.

- Mt. Whitney Classroom Buildings; Visalia CA (DSA #02-107633)
- Plumber's Union Expansion; Fresno, CA
- Oak Valley New Admin; Tulare County, CA
- Paul Evert's RV Expansion and New Canopies; Fresno, CA
- Grizzlies Stadium; Fresno, CA

Kathy Bucciarelli, P.E.

Plan Review Engineer

Experience

20 + years

Education

University of California,
Berkeley
Master of Science –
Structural Engineering,
6/1987

B.S. Civil Engineering
California State Polytechnic University,
Pomona, 1986

Registrations

State of California Licensed
Professional Engineer, Civil, #048015

Certifications

ICC Building Plans Examiner

Experience Summary

Kathy has performed a multitude of plan reviews on residential buildings, commercial structures, energy plants, and OSHPD 3 clinics. She is also experienced with the customer service aspects of municipal building department counters and possesses a working knowledge of structural design for commercial and institutional buildings including seismic evaluation and strengthening of existing buildings. Kathy also possesses a working knowledge of structural programs such as SAP and ETABS for static and dynamic analysis, SAFE for slab design, RISA, Excel, and Accela's Permit Plus.

Select Professional Experience

4LEAF, Inc. – City of San Jose

On-Site Plan Review Engineer

Kathy is currently performing in-house plan reviews at the City of San Jose. Kathy reviews residential and commercial plans for structural, life-safety, plumbing, mechanical, electrical, Title 24 Energy, and ADA compliance.

4LEAF, Inc. – City of Livermore

On-Site Plan Review Engineer

Kathy provided the City of Livermore with on-site plan review engineering services. Kathy was responsible for all phases of review which includes structural and non-structural review. Kathy primarily worked on projects for the Paragon Outlet mall project on the west side of I-580. Prior to Livermore, Kathy worked on large commercial projects on behalf of 4LEAF for the City of Palo Alto.

West Coast Code Consultants (WC3)

Senior Plan Review Engineer

Kathy was responsible for reviewing plans for the Cities of Walnut Creek, Pittsburg, Emeryville, Hayward, Mountain View and various other Bay Area jurisdictions. The scope of reviews included residential and commercial buildings, OSHPD 3 clinics and energy plants for Structural, Life Safety, T-24 Accessibility, Title 24 Energy, Plumbing, Mechanical, and Electrical compliance.

Bureau Veritas / LP2A, Pleasanton, CA

Plan Review Engineer

Kathy was responsible for reviewing plans for various Cities such as Cupertino, Palo Alto, Los Altos, Dublin, Walnut Creek, Los Gatos and Downey. The scope of reviews included residential and commercial plans mainly for Structural compliance and some Life-Safety, Plumbing, Mechanical and Electrical, Title 24 Energy and T-24 Accessibility.

Yousef S. Marmosh, P.E.

Mechanical and Plumbing Review

Experience

40+ years

Education

University of Technology, Cairo, Egypt
B.S. Mechanical Engineering (power)
1966

Registration

Registered Mechanical Engineer,
California No. M22249

Affiliations

AMA Member
Syndicate of the Engineering
Professions, Cairo
ASHRA Member

Executive Summary

Yousef Marmosh is a Registered Professional Engineer with more than 40 years of experience in a broad range of design and engineering of buildings mechanical systems for a verity of commercial, institutional, correctional, educational, industrial, medical facilities, power plants and water transmission systems. He also has extensive expertise in directing design development of construction documents and construction administration through systems startup and commissioning and setting up maintenance management systems.

Selected Project Experience

4LEAF, Inc.

Plan Review Engineer

2014-Present

Yousef recently joined 4LEAF in April of 2014 as a Plan Check Engineer. Yousef will help in the management and performance of plan review for of 4LEAF's plan review clientele and assists in the development of 4LEAF'S Structural Engineers and Non-structural review staff.

MET California Group LLC.

Engineering Consultants

Principal Engineer

2012-2014

Yousef was the consultant's Principal Engineer. He was responsible for supervising all aspects of design of HVAC, plumbing, energy conservation, steam systems and fire protection systems from initial design to project completion, final shop drawings, and project punch list. He also provided engineering services to a variety of industries in the area of design, construction management, and facility management.

Kiewit Infrastructure Group

Consultant from MET California Group

Quality Control

2012

Yousef was the Quality Control Manager for this project. He was responsible for overseeing the quality control process for Crystal Spring water project – coordinating the construction quality control effort with the owner (City of San Francisco), the designers and the inspection group (HDR) through Apex Testing laboratories. The project includes the new potable water pumping plant and piping system from the Crystal Springs reservoir to the City of San Francisco.



Ana Akin, P.E.

Plan Review Engineer

Experience

30 years

Education

B.S. Civil Engineering

University of California, Berkeley 1978

Structural Drafting Diploma

Certifications

California Civil Engineer/Land Surveyor
No. 31399

ICC Certified Plans Examiner

ICC Certified Accessibility Inspector/Plans
Examiner

Experience Summary

Ana has more than 30 years of experience providing structural engineering services for a wide variety of residential and commercial projects. A California registered civil engineer and land surveyor, Anna has coordinated all phases of assigned projects from preliminary design to construction. Ana is an ICC Certified Plans Examiner and Building Code Accessibility/Usability Specialist. Her extensive experience has included managing the plan review and permit counter services for several California municipalities.

Select Professional Experience

4LEAF, Inc. – City of San Mateo

On-Site Plan Review Engineer

Ana is currently performing in-house plan reviews at the City of San Mateo. Ana reviews residential and commercial plans for structural, life-safety, plumbing, mechanical, electrical, Title 24 Energy, and ADA compliance.

4LEAF, Inc. – City of Palo Alto

Senior Plan Check Engineer

Ana is currently performed the role of Senior Plan Check Engineer under the supervision of the Chief Building Official and Deputy Building Official. The scope of in-house plan review included the review of residential and commercial plans for structural, life-safety, plumbing, mechanical and electrical, Title 24 Energy and ADA compliance. In addition, Ana assisted applicants with plan review questions at the Permit Counter. Ana provided several plan check services for the following commercial projects at the City of Palo Alto:

- **Ann Taylor Tenant Improvement(TI)**
Ana reviewed the plans for the \$375 thousand remodel of 6,800 Ft², including a remodeled mezzanine, new accessible restrooms, new partitions & ceilings, relocation of electrical panels, and new storefront.
- **Skype Tenant Improvement - \$1.1M**
Ana reviewed phase 2 of Skype's \$1.1 Million tenant improvement for 21,000 Ft² of use and occupancy.
- **Stanford University Medical Center**
Ana reviewed the plans for the 300 SF office conversions to a medical exam room. Improvements included adding an additional electrical outlet and ADA upgraded bathroom.

In addition to the City of Palo Alto, Ana Has also provided Senior Plan Check Engineering Services for the following Cities of Belmont, Burlingame and, Daly City.

David J. Rashé, CBO, CASp

Building Official / Plans Examiner

Experience

27 + years

Education

Saint Mary's College, Moraga, CA
Bachelor of Arts; Management

Chabot College, Hayward, CA,
Associate of Arts; Construction
Inspection

Chabot College, Hayward, CA,
Associate of Arts; Architectural
Technology

California State University, Hayward,
CA

Certifications

ICC Certified Building Inspector
Expires 2/18/2017

ICC Certified Building Plans Examiner
Expires 2/18/2017

ICC Certified Building Official
Expires 2/18/2017

ICC Certified Combination Inspector
Expires 02/18/2017

ICC Certified Combination Inspector -
Legacy Expires 02/18/2017

ICC Certified Electrical Inspector
Expires 02/18/2017

ICC Certified Mechanical Inspector
Expires 02/18/2017

Certified Mechanical Inspector UMC
Expires 02/18/2017

ICC Certified Plumbing Inspector
Expires 02/18/2017

Certified Plumbing Inspector UPC
02/18/2017

ICC Certified Residential Combination
Inspector Expires 02/18/2017

Certified Access Specialist
CASp-213 Expires 6/23/2016

Certified (IS-00100.b, ICS-100),
IS-00700.a, IS-00800.b
(2014 FEMA Emergency
Management Institute)

Experience Summary

David is a dedicated and proficient code professional with more than 27 years of experience working within Northern California Building Departments. David has held various positions in the building department industry including the positions of Chief Building Official, Permit Center Manager and Program Coordinator. As a Building Official David successfully managed the annual building division budget to include monthly activity and reconciliation and oversaw the daily operations in the Permit Center and the Building Division to include the permit technician, plan review, inspection, code enforcement, and building division administrative support staff.

Select Professional Experience

4LEAF, Inc.

Building Official, Combination Building Inspector, Plans Examiner **2016 – Present**

David has recently joined 4LEAF to work in a number of different capacities including Building Official, Plans Examiner, and Building Inspector.

City of Livermore, Livermore, California

Community and Economic Development Department

Chief Building Official

2014 – 2016 (Retired)

- Oversaw the daily operations in the Permit Center and the Building Division to include the permit technician, plan review, inspection, code enforcement, and building division administrative support staff.
- Developed and maintained the annual building division budget to include monthly activity and reconciliation.
- Implemented and managed consultant contracts for plan review and inspection services.
- Maintained contract services for providing plan review and inspection services to Sandia National Laboratories; Livermore.
- Solved development related code questions as well as explained city standards and policy questions, while interacting with planning, engineering, housing and inspection.

- Consulted with architects, engineers, contractors, and property owners regarding proper design and the methods and materials to be used for building construction in the City.
- Coordinated projects with other City departments.
- Maintained accurate up-to-date records of all plan reviews, plans, inspections and construction in the City.
- Made public presentations to City Council, public agencies, business and civic groups and other organizations.
- Maintained the City Building Codes in compliance with latest model codes and State regulations.
- Prepared wrote reports and requests for City Council or staff regarding ordinance changes, and establishment of City policy related to building requirements.

City of Livermore, Livermore, California

Community and Economic Development Department

Permit Center Manager

2004 – 2014

- Oversaw the daily operations of the Permit Center to include administrative and support staff, permit technicians, planners, engineers, plan reviewers, and inspectors.
- Developed, implemented, and provided sustainability efforts for projects and programs related to customer services and permit streamlining strategies for the Permit Center.
- Coordinated major development projects through the regulatory processes to include planning, zoning, plan review, and engineering.
- Coordinated development projects with architects, developers, engineers, owners, and the general public with interagency teams to facilitate comprehensive reviews.
- Wrote Council staff reports and Resolutions / Ordinances for public policy.
- Prepared Request for Proposals (RFP) for plan review and structural engineering contract services; met with contractors and awarded contracts.
- Reviewed, interpreted, analyzed, and approved design and construction plans, specifications, and reports for conformity to relevant codes, regulations, and policies.
- Prepared budget and other operational reports.

City of Oakland, Oakland, California - 1989-2004

- ♦ **Community and Economic Development and Public Works Agencies**
Development Process and Program Coordinator
- ♦ **Community and Economic Development Agency**
Process Coordinator III
- ♦ **Community and Economic Development Agency**
Permit Technician

Brent Hipsher, CBO, CASp

Combination Building Inspector / Fire Inspector

Experience

25 years

Certifications

DSA CASp # 422

ICC Certified Combination Building Inspector

ICC Certified Building Official

ICC Certified Combination Inspector

ICC Certified Electrical Inspector

ICC Certified Mechanical Inspector

ICC Certified Plumbing Inspector

Fire Inspector 1A-1D & 2A-2D

Education

California State University, San Jose
Building Inspection Certificate

College of San Mateo
A.S. Degree Inspection Certificate
A.A. Degree Inspection Certificate

Professional Affiliations

International Code Council

ICC Peninsula Chapter – Past President

IAPMO Current Chair

IAPMO Research and Testing
Committee

IAPMO Answers and Analysis

CALBO California Certification
Committee

Experience Summary

Brent is a certified Building Official with nearly 25 years of construction related experience; ICC Certified Combination Building Inspector as well as two college certificates in Building Inspection, Construction Management, and has a Certified Access Specialist Certification (CASp #422). Brent has worked with a number of different jurisdictions including the Town of Portola Valley, City of Milpitas, City of Dublin, and the City of Palo Alto where he has served in positions as Building Official, Plans Examiner, and Combination Building Inspector.

Select Experience

4LEAF, Inc.

Combination Building Inspector/CASp/Building Official

Brent has recently rejoined 4LEAF as a Combination Building Inspector, Certified Access Specialist, and As-Needed Building Official. Brent has worked with numerous 4LEAF clientele including the cities of Emeryville, Newark, Hollister, Pleasanton, and Fremont to assist with any as-needed building inspections ranging from residential to commercial for all trades.

City of San Mateo

Deputy Building Official/Fire Inspector

For approximately one year, Brent worked at the City of San Mateo in the Building Services division as a Deputy Building Official and Counter Manager where he managed the inspection, plan check, and front counter personnel. Brent also spent several months working with San Mateo Fire as a City Fire Inspector.

Kutzmann and Associates

City of Palo Alto

Building Inspector/Plans Examiner

For approximately seven years Brent worked with the City of Palo Alto as a consultant inspector and plans examiner. Initially, Brent worked in the office as a plans examiner and facilitated customer service related to code questions and over-the-counter plan checks at the Building Counter. Previously, Brent has served the City on a number of residential and commercial inspection projects including:

- HP Executive Center
- Arbor Real (250-unit multi-family)
- Tesla

College of San Mateo

Associate Professor

Brent has been a Professor at the College of San Mateo for the past ten years where he has taught various courses in plan reading, construction practices, and building codes. Brent's current curriculum includes the California Residential Code and Non-Structural provisions of the Building Code.

4LEAF, Inc.

City of Dublin

Contract Building Inspector

Brent served the City of Dublin on behalf of 4LEAF for about one year as a contract building inspector. Brent inspected multi-family and commercial projects in conformance with the current California Building Codes and adopted Dublin Municipal Code. At the time, Dublin was one of the fastest growing Cities in the Country and a multitude of construction projects.

Additional Experience

City of Milpitas, Building and Safety Division

2005-2006

Plans Examiner

Town of Portola Valley

1999-2005

Building Official

Town of Atherton, Building Division

1995-1999

Building Official

City of San Mateo, Community Development Department

1993-1995

Code Enforcement Officer / Building Inspector

Christopher Fowler, CBO, OSHPD A

Senior Combination Inspector / Inspector of Record

Experience

25+ years

Education

AA, Business Administration

Certifications

OSHPD A

ICC Fire Inspector II

ICC Accessibility Inspector/Plans Examiner

ICC Building Inspector

ICC Building Plans Examiner

ICC CA Building Plans Examiner

ICC CA Combination Inspector

ICC CA Commercial Building Inspector

ICC CA Commercial Combination Inspector

ICC CA Commercial Electrical Inspector

ICC CA Commercial Mechanical Inspector

ICC CA Commercial Plumbing Inspector

ICC CA Residential Building Inspector

ICC CA Residential Electrical Inspector

ICC CA Residential Mechanical Inspector

ICC CA Residential Plumbing Inspector

ICC Certified Building Code Official

ICC Certified Building Official

ICC Combination Inspector

ICC Combination Inspector - Legacy

ICC Commercial Combination Inspector

ICC Electrical Inspector

ICC Mechanical Inspector

ICC Mechanical Inspector UMC

ICC Plumbing Inspector

ICC Plumbing Inspector UPC

Heartsaver AED-CPR

Professional Affiliations

International Code Council

Southern Nevada Building Officials

Association / World Building Officials

Association-International Code Council

Served on committees for Las Vegas Area

Building and Fire Departments to
amend and adopt the International
Building Codes

Experience Summary

Christopher Fowler has more than 25 years of senior-level commercial construction project management experience, with special emphasis on LEED educational and governmental buildings. He has extensive knowledge of and experience applying, implementing, and enforcing the International Building Codes. Christopher has complete understanding and proficiency with all major construction methods and procedures including hands-on management experience as both a general and subcontractor representative and overseer. He has provided over seven years of educational training programs in coordination Council and for the college curriculums.

Christopher has knowledge of building codes for local, state and federal ordinances – ICC, UMC, UPC, NFPA, NEC, OSHA, ADA and health regulations. Chris has completed several billion-dollar construction projects including:

- Apple Campus 2: \$6 Billion
- VMware Corporate Campus: \$1.3 Billion
- Correctional Healthcare Care Facility: \$1.2 Billion

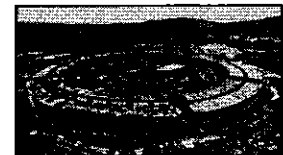
Select Project Experience

City of Cupertino

Apple Campus 2

Lead Project Inspector

Chris is currently the Lead Project Inspector managing the on-site operations of the Project Team. The construction spans nearly 180 acres and approximately 4 million Sq. Ft. of construction. The campus will include a 2.8 Million Sq. Ft. Main Building with subterranean parking, Corporate Fitness Center, Corporate Auditorium, two above grade Parking Structures, Central Utility Plant, and 600,000 Sq. Ft. of Research and Development Buildings. Chris is responsible for the coordination of inspections as well as the final approval on behalf of the Authority Having Jurisdiction. Chris routinely packages milestones for the City's Chief Building Official for approval.



California Health Care Facility, Stockton, CA

Senior Inspector of Record

Christopher served as the Senior Inspector of Record for the \$1.2 billion and 1.2 million square foot correctional healthcare facility on a 144-acre site. The CHCF-Stockton project provides sub-acute medical and mental health care to approximately 2,870 inmate patients of all security levels. Christopher's responsibilities included inspection of civil, ADA compliance, structural, mechanical, pumps, pipelines, plumbing, electrical, fire alarm, fire sprinkler, and site work.

Arab Emirates, Department of Municipal Affairs of Abu Dhabi, United

As Independent Contractor, Christopher performed special assignment to ensure that Abu Dhabi's International Buildings Codes were adopted, implemented, and properly applied and enforced throughout the Emirate of Abu Dhabi. Christopher developed effective policies and procedures to establish a consistent and proper level of code administration and enforcement operations. Christopher also developed and provided continued training programs in coordination with ICC and the DMA. Christopher also assisted DMA personnel in Fire/Life safety and accessibility assessments of existing structures.

County School District, Facilities Division, Las Vegas, NV

Plans Examiner/ Code Compliance Inspector/ Manager

As Senior Plan Reviewer/Code Compliance Inspector/ Manager, Christopher's duties included supervising, hiring, planning, training, organizing and evaluating the activities of assigned inspection services personnel to ensure building construction projects were in compliance with all plans, specifications and applicable local, state and federal codes, ordinances and regulations, including change order modifications during the design build phase. Scheduled and monitored all inspections of both new school construction and renovations with annual budget exceeding \$250 million.

Christopher provided knowledge, skill, and expertise in assessing site area, from initial grading through Certificate of Occupancy, including all construction of buildings, building systems, system commissioning and commercial/common area, as well as building surveys of existing structures for fire/life safety issues. Christopher documented observations and assessments both manually and using job progress computerized management tracking programs.

College of Southern Nevada, Las Vegas, NV

Adjunct Professor

As Adjunct Professor in the Building Technology Department, Christopher instructed students in the fields of Commercial and Residential Building, Plumbing, Electrical, and Mechanical Codes.

Federal Emergency Management Agency (FEMAGCS), New Orleans, LA

Facility Inspector

Christopher served on special assignment to provide post disaster school building damage assessment in greater New Orleans following FEMA response and investigation of Hurricane Katrina.

Lucas Chapman, CBO

Building Official /Senior Combination Building Inspector

Experience

36+ years

Education

A.S. Degree, Building Inspection
1991 Butte College, Oroville, CA

A.A. Degree, Public Land
Management, 1973 West Valley
College, Saratoga, CA

Certifications

ICC Certified Building Official

ICC Certified Combination Inspector

ICC Certified Accessibility
Inspector/Plans Examiner

ICC Certified Building Inspector

ICC Certified Combination Dwelling
Inspector

ICC Certified Mechanical Inspector

ICC Certified Plumbing Inspector

ICC Certified Plumbing Inspector UPC

ICC Certified Reinforced Concrete

Special Inspector-Legacy

ICC Certified Residential Combination
Inspector

ICC Certified Structural Masonry
Special Inspector

ICC Certified Structural Steel &
Welding Special Inspector – Legacy

Related Course Work

ICC, UBC, CBC, CEC, UPC, UMC,
UFC, Title 19 Codes, Blueprint
Reading, Plan Checking, Submittal
Review, RFO & ASI Review, AWS
(Welding Inspection CWI), Structural
Steel Manuals (AISC), ACI (American
Concrete Institute), ANSI (A117.1)
ASTM Standards, NFPA 13, 70 & 72,
OES training, 2013 code update &
CASp training.

Experience Summary

For more than 36 years Lucas has worked from Colorado to California as a Building Inspector, Tradesman, Equipment Operator, and Foreman in heavy construction, residential, commercial, underground, high-rises, and road construction. Lucas is experienced with evaluating construction site conditions, maintaining digital photo files, reviewing change orders and plans, RFIs, reviewing project documents and schedules of value payments, attending staff meetings, interacting with design and construction personnel, assisting in problem solving, performing commercial and residential inspections, maintaining daily reports using both field notes and computer logs.

Select Professional Experience**4LEAF, Inc. - City of Pinole*****Contract Supervising Senior Inspector / Interim Building Official***

Lucas is currently serving as the Interim Building Official for the City of Pinole. As Building Official Lucas directs, manages, supervises, and coordinates the activities and operations of the Building and Safety Division within the Community Development Department. Duties include assuming responsibility for implementing City activities related to ensuring compliance with building code standards including plan check, inspections, supervising and performing the more difficult inspections, and approving plans and specifications as necessary.

4LEAF, Inc. - City of Dublin***Contract Supervising Senior Inspector / Interim Building Official***

Lucas served for nearly twelve years as a Contract Supervising Senior Inspector, Capital Projects Inspector, and other duties as assigned by the City of Dublin. Lucas supervised nine inspectors and oversaw the inspection of over 600 million dollars' worth of construction. Lucas traveled from site to site performing inspections, supervising inspectors, and reviewing code issues with contractors on commercial buildings, parking structures, residential, multi-family buildings, and private medical facilities. Lucas reviewed Special Inspection companies, performed plan review, ADA Compliance (T-24), attended staff meetings, organized and runs pre-con meetings, resolved project conflicts and code issues, wrote daily reports, responded to e-mails, provided training for the new California Building Code changes, and

attended code training classes. Lucas helped oversee the entirety of the City of Dublin's growth and was responsible for such projects as:

- Ulfert's Center
- Persimmon Place
- More than a dozen Multi-Family Complexes
- Water Parks and Community Parks

Notable Projects while at the City of Dublin

- Historical Park, moved existing building to a new location in the City of Dublin and reassembled using Historical Code. \$10 million project.
- Solar City Project, involved new structures over parking lots with solar panels and invertor inspection with Chevron. \$25+ million project.
- Aquatic Park with three swimming pools and slides. \$33 million project.
- Three building remodels totaling 20,000 sq. ft. per building for Ross headquarters. \$20 million project.

Applied Testing Consultants, Chico, CA

Senior Inspector / Inspector of Record

1997-2005

Lucas served more than seven years as the Senior Inspector/Inspector of Record (IOR) on projects for the State of California at Chico State. Projects included Type I and II construction, the Butte County Court House Expansion, Butte County Jail remodel, Yuba County Security Jail, California Fish and Game Construction of new fish screens/pump stations on the Sacramento River, highway & bridge construction, San Francisco Airport extension, residential and commercial plan review, soils compaction, contractor compliance, daily field reports and weekly meetings. In this position Lucas also sampled concrete, conducted concrete brake tests, did batch plant inspections, and inspections on masonry, metal stud, drywall, interior/exterior finishes, electrical, mechanical welding, roofing, fire sprinkler installation, and ADA compliance.

Kleinfelder, Inc., Redding, CA

Special Inspector

1995 – 1997

Special Inspections, field office technician, where Lucas did masonry and concrete observations & sampling, welding inspections, soils compactions, and worked on such projects as the retrofit of the overpass for CalTrans, AC compaction for Highway 5 and the Redding Hospital expansion, reviewed plans and specifications, performed construction observation, contractor compliance, maintained daily field reports and attended construction staff meetings.

California State University Chico Projects

Yolo Hall (PEII) California State University Chico, CA

Special Inspector and Inspector of Record

Lucas performed the duties of the Inspector of Record and General Site Inspector, his duties included reviewing contract documents, responding to architectural inquiries, adding or deleting information, posting RFI's and field instructions on current set of As-Builts. \$8 million project.

Howard W. Conroy, CBO, CASp

Plans Examiner / Certified Building Official/Building Inspector

Experience

30+ years

Education

B.S. Botany/Zoology, Northern Arizona University, AZ, 1976

Certifications

Certified Access Specialist, Department of
The State Architect, CASp #429
ICC Certified Building Official
ICC Certified Building Code Official
ICC Building Plans Examiner
ICC Combination Inspector
ICC Building Inspector (UBC)
ICC Mechanical Inspector (UMC)
ICC Plumbing Inspector (UPC)
ICC Commercial Electrical Inspector
ICC Residential Electrical Inspector
Licensed Contractor, CSLB, B, C61,
D12, #777274

Experience Summary

Howard has more than 30 years of experience in the construction industry. Howard has worked as a Building Inspector, Planning Commissioner, General and Specialty Contractor, Building Official, and Project Manager. Howard's diverse background and extensive experience makes him an ideal fit for various types of projects. Howard has a proven track history of ensuring projects are compliant with current codes with a high quality of workmanship.

In addition to his experience, Howard has also served as the President, Education Chairman, and Coordinator for the Central Coast Chapter of ICC and on the Board of Directors for California Building Officials Training Institute (CBOTI).

Select Professional Experience

County of San Luis Obispo Juvenile Hall Project

Inspector Record

9/2014 - Present

Howard is 4LEAF's Inspector of Record on a 30 bed detention housing facility with support spaces to an existing 45 bed juvenile hall facility three new buildings and an exterior covered walkway providing approximately 22,800 square feet of additional new housing, recreation yard, classrooms, mental health treatment rooms and offices, training/conference rooms, indoor multi-purpose/recreation, and administrative/teachers office space. The new maximum security housing facility will be a single story building with approximately 7,920 square feet of living space, with 20 single occupancy sleeping rooms. This new housing wing will also include a large day room to be used for eating meals and activities, and (2) Counseling Interview Rooms.

San Benito County

Building Official

2013-2014

Howard served as the Building Official for San Benito County for approximately one year. Howie was responsible for managing building inspection, plan review, code enforcement, and counter

administration. In addition, Howie routinely performed plan review and inspections on projects throughout the County and attended Board meetings as the representative of the Building Division.

City of Santa Maria

Building Inspector II

2008-2013

As a Building Inspector for the City of Santa Maria, Howard was responsible for residential and commercial building inspections and plans examining. Howard worked on various projects throughout the City including a Mobile Home Park Inspection Program as the Lead Inspector and a Neighborhood Stabilization Program as the Construction Coordinator.

JAS Pacific

Building Inspector/Code Enforcement Officer

2007-2008

Howard worked as a building inspector and code enforcement officer for several projects for the company including the Cities of Grover Beach, Guadalupe, Huron, Pismo Beach, and Arroyo Grande. Howard conducted both residential and commercial building inspections as well as plans examining and code enforcement.

City of Atascadero

Building Inspector

2006-2007

Howard conducted both residential and commercial building inspections.

City of Grover Beach

Planning Commissioner

2002-2004

General and Specialty Contractor

Owner

1998-2006

As the owner of this Company, Howard was responsible for the supervision of employees and sub-contractors. His duties included project management and coordination and ensuring code compliance.

County of San Luis Obispo

Property Appraiser

1990-1998

Howard served as the Construction Expert and Property Appraiser for the County of San Luis Obispo. He was also responsible for the training of new employees.

Chuck Andrews

Combination Building Inspector

Experience

20+ years

Education

University of Phoenix

B.A. Business Administration

A.A. Degree in Aircraft Maintenance

U.S. Marine Corp

Certifications

ICC Certified Commercial
Building Inspector

ICC Certified Commercial
Mechanical Inspector

ICC Certified Commercial
Plumbing Inspector

ICC Certified Commercial
Electrical Inspector

ICC Certified Residential
Building Inspector

ICC Certified Residential
Mechanical Inspector

ICC Certified Residential
Plumbing Inspector

ICC Certified Residential
Mechanical Inspector

General Building Contractors License
#875541

Lead-Based Paint RRP Certificate

Experience Summary

Chuck is a Certified Combination Inspector through the International Code Council with more than twelve years of construction experience. Prior to joining 4LEAF, Chuck owned and operated a successful contracting firm that specialized in commercial projects ranging in valuation from \$200,000 to \$500,000 in California and Nevada. Chuck is one of 4LEAF's Lead Inspectors for the Apple Campus 2 Project on behalf of the City of Cupertino.

Select Professional Experience

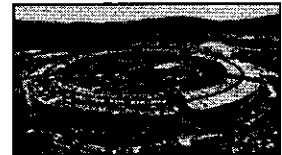
4LEAF, Inc.

Lead Project Inspector

2015 - Present

Chuck is one of three Lead Project Inspectors for the Apple Campus 2 project on behalf of 4LEAF for the City of Cupertino. This project is more than \$5 billion and is considered the largest private development in the United States. The project includes:

- **Main Building** – The Main Building will accommodate up to 12,000 employees and comprises approximately 2.8 million sq. ft. It is located and designed to minimize the visual impact on adjacent residential neighborhoods and to enhance the existing deep landscape setbacks at the periphery. Campus amenities will include a striking restaurant within the Main Building and 2,300 spaces of below grade parking.
- **Corporate Fitness Center** – Comprising approximately 100,000 sq. ft.
- **Corporate Auditorium** – Comprising approximately 120,000 sq. ft. and will hold up to 1,000 people.
- **North and South Parking Structures** – Two above-grade parking structures of approximately 6,000 spaces.
- **Central Utility Plant** – Integrated parking structure and serves all buildings on the Main Building site.
- **Phase 2 Research and Development Buildings** – 600,000 sq. ft. of office, research and development and two separate above ground parking garages.



A Squared Construction

Owner/Construction Manager

2004-2015

Chuck was the Owner and Construction Manager of his own Company A-Squared for more than ten years performing work throughout Northern California/East Bay. Chuck performed all functions of the job including the coordination of inspections, approvals, permits, etc. Chuck administered the contracts, subcontracts, schedules, and developed programs to maintain construction quality control to ensure projects were completed on schedule, within budget, and according to company and client specifications.

City of Livermore, CA

Police Officer

2001-2004

Chuck served the City of Livermore as a Police Officer for four year where he was tasked to maintain order, respond to emergencies, protect people and property, and enforce the motor vehicle and criminal law. Chuck had many responsibilities including testifying in court, present evidence at trials, and interview principles and eye-witnesses.

United Airlines, Oakland, CA

Supervisor/Airplane Technician

1997-2001

For four years Chuck worked on Boeing 747 and 777 aircrafts where he interpreted specifications, blueprints, and job ordered and constructed templates for workers. He routinely recommended and initiated personnel actions, such as employment, performance evaluations, promotions, transfers, discharges, etc.

Devon Braaten

Combination Building Inspector

Experience

20+ years

Education

Manteca High School, Manteca, CA

Lindbergh School Computer Technology,
Manteca, CA

Modesto Junior College, Modesto, CA

CLC Vocational Center, San Rafael, CA
Advanced Inspector Training Center,
Anaheim, CA

Certifications

U.S.A.C.E Construction Quality Manager
Certification

ICC Certified Electrical Inspector IEC -
5098625-E5

ICC Certified Mechanical Inspector IMC -
5098625-M5

ICC Certified Mechanical Inspector UMC
-5098625-44

ICC Certified Plumbing Inspector IPC -
5098625-P5

ICC Certified Plumbing Inspector UPC -
5098625-34

ICC Certified Building Inspector -
5098625-B5

ICC Certified Combination Inspector-
5098625-ICC/UBC

ICC Certified Spray Applied Fireproofing-
5098625-88

ICC Certified Reinforced Concrete
Special Inspector - 5098625-47

ICC Certified Prestressed Concrete
Special Inspector - 5098625-92

ICC Certified Structural Masonry Special
Inspector- 5098625-84

ACI - Concrete Field Testing Technician-
Grade 1 Pacific Nuclear - Compaction
Testing Soil / AC

O.S.H.A Safety Certified
Radiographic Testing (RT) assistant
certified

Experience Summary

Devon has extensive construction experience in multiple disciplines with in-depth trade and product knowledge. He has more than 20 years of experience within the trades, 13 of which served as a Certified Building Inspector / Code enforcement Officer, and Quality Control Specialist. As a Combination Building Inspector Devon has been instrumental in providing inspection, code enforcement, plans examination and field support in many different cities working privately, as well as for local jurisdictions, including cities of Livingston, Tracy, Patterson, Los Altos, and the County of Santa Clara. Devon inspected projects from as small as single-family dwellings to as large as high-profile crime labs, luxury condo's, bridges, schools, hospitals and museums. Prior to being a building inspector Devon worked as Special Inspector.

Select Professional Experience

4LEAF, Inc. (City of Tracy, CA)

Combination Inspector

2015 - Present

Devon is currently serving the City of Tracy on behalf of 4LEAF performing combination building inspection services on numerous commercial projects including various warehouses that includes the likes of Amazon. Devon is utilized for his commercial experience and impeccable record keeping.

West Coast Code Consultants

Chief Building Official, City of Livingston, CA

2014 - 2015

Performed supervisory and administrative duties in planning and coordinated the operation of the Building Department Division, which included complex technical duties enforcing construction codes to ensure public safety and health. Performed all inspections, code enforcement, building abatement, and plan review.

Construction Materials Testing

Combination / Special Inspector

2012 - 2014

Reinforced concrete soils structural and combination inspection of variety of projects.

Construction Testing & Engineering, Inc., Sacramento, CA

QC Manager / Specialist & Combination Inspector

2010 - 2012

Mechanical, Electrical and Plumbing Inspections including observation / verification of compliance with the contract documents and applicable Building codes.

Consolidated Engineering Labs, San Ramon, CA

Senior Resident Inspector / QC Specialist / Combination Inspector

2008 - 2009

Resident Inspector on very high-profile projects; the \$750 million Honua Kia luxury Hotel, \$700 million DeYoung Asian Art Museum, Golden Gate Park S.F., \$450 million, Santa Clara County Crime Lab, Lawrence Livermore National Laboratories, and Waste Water Treatment Plants.

4LEAF, Inc., Pleasanton, CA

Inspector II / Combination Inspector / Code Enforcement Officer

2007 - 2008

Provided code compliance inspections for the City of Tracy and City of Patterson, on long list of various projects to verify structural building, mechanical, electrical and plumbing was in accordance with the corresponding building codes and contracted documents.

Construction Testing and Engineering, Inc., Tracy, CA

QC Specialist / Inspector II

2003 - 2007

Responsible for documenting compliance with specifications, plans, and codes for numerous projects throughout California.

Consolidated Engineering Labs, Pleasanton, CA

QC Specialist / Inspector I

2001 - 2003

CLC San Rafael, CA

Vocational Training

2000 - 2001

LTM Formworks, San Leandro, CA

Carpenter / Laborer

2000 - 1997

General construction suspended concrete, formwork, and carpentry, operation of forklift and other equipment, demolition, and various other duties.

Gib Moush, FPE

Fire Protection Engineer / Plans Examiner

Experience

15 years

Education

BS, Mechanical Engineering
Louisiana State University

Certifications

Registered California Professional
Engineer, Fire Protection Engineering

Experience Summary

Gib has more than 15 years of engineering experience, 10 of which have been in Fire and Life-Safety. He is a certified Professional Engineer in Fire Protection Engineering in the state of California, and holds a Bachelor of Science degree in Mechanical Engineering from Louisiana State University.

Gib has supervised the engineering of fire alarms for high rise buildings which have included residential, commercial and multi-occupancy structures. He has designed voice evacuation, smoke control, fire department communications and central command centers. He has also designed special water-based suppression water mist systems.

Gib's experience as a designer and fire plan reviewer gives him a unique understanding of code compliance through the eyes of a designer.

Select Project Experience

County of Santa Clara, Facilities and Fleet / City of Gilroy

Fire Plans Examiner

Gib has been assisting the County of Santa Clara Facilities and Fleet Division and City of Gilroy through 4LEAF with various fire reviews including Sprinklers, Alarms, etc. per the 2010 California Fire Code. Gib works in-house at the City of Gilroy one day per week. With the County, Gib has performed a collection of large fire reviews including:

- Main Jail North Fire Panel Replacement
- Malech Road Water Supply
- San Jose Downtown Health Center
- The San Antonio Valley Maintenance Facility
- VMC Receiving and Support Center

Livermore Pleasanton Fire Department

Fire Plans Examiner

Gib has been assisting the Livermore Pleasanton Fire Department through 4LEAF with various fire reviews including Sprinklers, Alarms, etc. per the 2010 California Fire Code. Gib has completed more than fifty projects including several fire reviews for the Paragon Outlets in Livermore and the new retirement community in Pleasanton.

St. Joseph's Parrish, Rio Vista, CA

Senior Plans Examiner

This 15,000 square foot church in Rio Vista is an occupancy classification B, Type V-B, fully sprinklered structure. Gib completed the fire alarm review using the 2010 California Fire Code, the 2010 California Building Code and all applicable NFPA Codes and Standards.

**Section 3: Professional Services Fees**

| | 4LEAF, Inc. |
|-----------------------------------|-------------|
| Structural Engineer | \$120.00 |
| Civil Engineer | \$120.00 |
| Plan Review Engineer | \$120.00 |
| Building Official | \$135.00 |
| Plan Reviewer | \$90.00 |
| CASp Plan Reviewer/Inspector | \$155.00 |
| Fire Plan Reviewer/Inspector | \$155.00 |
| OSHDP 3 Plan Review/Certification | \$120.00 |
| Certified Floodplain Manager | \$135.00 |
| Combination Inspection | \$95.00 |
| Permit Technician | \$65.00 |



Section 4: Firm Capabilities

Plan Review

4LEAF plan reviews approximately 2,000 plans each year and has the depth of experience in providing consultant services on a variety of projects. Our project history includes City/County owned properties, laboratories, military projects, transportation projects, office buildings, criminal justice facilities, health care facilities, and high-profile Type B commercial construction projects. Our project history includes:

- Wynn Casino, Everett, MA – (\$2.1 Billion)
- Administrative Office of the Courts – (\$200 Million)
- City of Cupertino – Apple Campus 2 Parking Garages (\$130 Million)
- City of Livermore – Fire/Building Reviews for Paragon Outlet Mall – Phases 1 & 2 (\$100 Million)
- County of Stanislaus – County Jail Buildings 1, 2, and 3 (\$90 Million)
- City of Cupertino – Main Street Cupertino (\$300 Million)
- County of Calaveras – Adult Detention Facility and Administration Building (\$68 Million)
- City of East Palo Alto – University Plaza (\$65 Million)
- City of Pleasanton – Clorox Campus (\$60 Million)
- City of Palo Alto – College Terrace (\$50 Million)
- City of Dublin – Ross Headquarters (\$50 Million)
- Tuolumne County – Juvenile Detention Center (\$35 Million)
- County of Alameda GSA – Ashland Youth Center (\$34 Million)
- City of Palo Alto – Stanford Hospital Parking Garage and Visitors Center (\$32 Million)
- City of Palo Alto – Park Blvd, Park Plaza (\$30 Million)
- City of Monterey – Conference Center Renovation (\$25 Million)
- City of Pleasanton – BRE Multifamily (\$25 Million)
- City of Palo Alto – VMware (\$125 Million)

Project Inspection

4LEAF is the Northern California's leader in Project Inspection Services. Here is a list of our recently completed or in-progress commercial projects:

Building Projects

- Apple Campus 2 (\$6 Billion)
- VMware (\$1.3 Billion)
- CDCR (\$800 Million)
- Taube-Koret CJL (\$350 Million)
- UC Merced Phase 1 (\$350 Million)
- California Dept. of Parks and Recreation (DPR) (\$250 Million)
- St. Joseph's Hospital, Stockton, CA (\$120 Million)
- BART Dublin Station, Dublin, CA (\$116 Million)
- Lawrence Berkeley National Lab CRTF (\$115 Million)
- Los Angeles Downtown Park (\$100 Million)
- Stockton Ball Park and Arena (\$100 Million)
- Calaveras County Jail (\$68 Million)
- Downtown Health Center, Santa Clara County (\$50 Million)

Public Works Projects

- Apple Campus 2 (\$6 Billion)
- Clark County I-215 Interchange (\$50 Million)
- Amtrak Extension, Sac RT (\$40 Million)
- America's Cup Marina (\$25 Million)
- Richmond Field Station (\$25 Million)
- Yosemite Slough, Candlestick Pt. (\$14 Million)
- PG&E Gas Pipeline Replacement (\$10 Million)
- Downtown Burlingame Utilities (\$8 Million)
- W. Sacramento Capitol Ave (\$7 Million)
- W. Sacramento Tower Bridge (\$6 Million)
- Auburn Blvd, Citrus Heights (\$5 Million)
- City of Cotati Train Depot (\$1.7 Million)
- City of Walnut Creek Streetscape (\$TBD)



Plan Review Services

4LEAF will provide plan review for any and all types of structures to ensure compliance with all adopted codes, local ordinances (including Tier 1 of Cal Green, if required) and state and federal laws that pertain to Building and Safety, and for compliance with the adopted International Code Council (ICC) Building, Plumbing, Electrical, Mechanical, National Fire Protection codes and standards, and the Accessibility and Noise and Energy Conservation requirements as mandated by the State of California Title 24, State of California Water Efficient Landscape Ordinance, the State of California Certified Access Specialist (CASP) compliance, and all other applicable ordinances. ***Types of projects we provide these services for include; Single-Family Dwellings, Multi-Family Dwelling Units, Commercial, and Industrial.***

On-Site Review Work Plan

4LEAF can supply Registered Professional Engineers to the City of Stockton to work on-site performing structural plan review and non-structural reviews at the Jurisdiction's discretion. 4LEAF currently supplies on-site review to such Municipalities as:

City of Palo Alto
City of San Mateo
City of Livermore
City of Pleasanton
Livermore/Pleasanton Fire Dept. (LPFD)
City of Roseville

Aerojet, Folsom, CA
County of San Joaquin
City of East Palo Alto
City of Hollister
City of Gilroy
City of Sacramento

Off-Site Review Work Plan

4LEAF is able to work effectively with design teams and assist Public Works, Planning, Fire, and Building Departments in the construction, rehabilitation, and repair of both public and private projects. Our experience includes checking for compliance with the structural, life-safety, accessibility, plumbing, mechanical, electrical, fire, and local codes/ordinances.

Approach

We understand that specific building plan review responsibilities will include, but are not limited to:

- Examining plans, drawings, specifications, computations documents, soils reports, and any additional data;
- Ascertaining whether projects are in accordance with applicable building and fire codes, and City ordinances, including but not limited to Title 24 and Title 25;
- Performing such reviews as, structural, MEP, green building, fire and life safety, grading and drainage;
- Reviewing plans to ensure conformity to the required strengths, stresses, strains, loads, and stability as per the applicable laws;
- Reviewing plans to ensure conformity with use and occupancy classification, general building heights and areas, types of construction, fire resistance construction and protection systems, means of egress, accessibility, structural design, soils and foundations; and masonry;
- Providing additional plan review services as requested by the City;
- Conducting all plan review at the City Department or, as needed, at a site mutually agreed upon in writing and;
- Supplying all plan review staff with all code books and other basic professional references.



4LEAF Plan Review QA/QC Process for all Reviews

Task 1 – Project Tracking Set-up

The first step of our process will be to set up the project in our system to enable 4LEAF and the City of Stockton to track the progress of the review. Our plan tracking procedures are designed to track each submittal throughout the review process and maintain accurate and comprehensive records for each submittal.

Task 2 - Complete Submittal Review

Upon receiving the plans from the City, 4LEAF will triage (preliminary plan review performed by 4LEAF plan review project lead) the submittal to verify that the submittal received is complete (i.e., all pertinent plans, calculations, reports, and other related documents) in order that we can begin our review. If the submitted package is incomplete, we will communicate with the City to discuss the deficient documents needed to proceed with our review.

Task 3 - Plan Review Assignment

After the triage process is performed and a complete package is verified, the project will be assigned to the most qualified Plans Examiner and a turnaround time will be established. We will log each application into our database the same day the plans are received to assure that they are routed in a timely manner and to allow for daily project tracking.

Task 4 - Plan Review

4LEAF will provide the project contact (Developer, Contractor, Architect, or Engineer) desired by City of Stockton with a list of any items needing correction and clarification to comply with applicable building codes, ordinances, and regulations. A correction list will be created based on the missing codes and ordinances.

Task 5 - Quality Control

Prior to submitting the plan review correction list to the City, the designated plan review project lead will review the correction list for adherence to applicable codes and ordinances as well as for accuracy and completeness. After completion of our quality control review a correction list will be e-mailed to a designated staff member at the City of Stockton or as directed by the City of Stockton. The correction list and a 4LEAF transmittal form will include the following information: a description of the work, type of construction, occupancy group, square footage, number of floors, and sprinkler requirements.

Task 6 - Plan Review Rechecks

Plans received for rechecks will be reviewed for conformance. Our goal is to actively work with the designers to resolve all unresolved issues after our second review. If it appears that there are complicated issues that might cause a project to go beyond our second review, we will communicate directly with the designer to resolve these concerns.

Task 7 - Project Approval

Once the final plan reviews are completed and ready for approval, 4LEAF will organize the plans and supporting documents per the City of Stockton processing requirements and return them to the City, along with our letter of completion.



Turn-Around Times

4LEAF has a tremendous reputation for completing projects on-time and under budget. 4LEAF's plan review team is widely recognized for quick turn-around times and prompt service. We have provided some elaborate examples in our Experience and Reference section - please read through our project examples and contact our references to learn about our abilities and commitments to our clients. Off-site plan reviews are performed at our office, with plans transmitted by personal delivery or overnight service. The standard turn-around time is within 10 business days for residential plan reviews and within 10 days for commercial/industrial plan reviews; however, these timeframes are negotiable based on your needs. **4LEAF also provides Fire Plan Review services.**

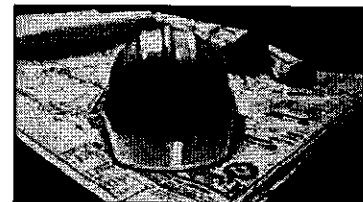
| Type of Plans | Transportation | Initial Review | Subsequent Review | Expedited Service |
|-------------------------------------|---|----------------|-------------------|------------------------|
| Residential | <24 Hours (pick up & delivery by 4LEAF staff) | <10 Days | <5 Days | Negotiable per project |
| Commercial | <24 Hours (pick up & delivery by 4LEAF staff) | <10 Days | <5 Days | Negotiable per project |
| Large Commercial >15,000 Sq. Ft. | <24 Hours (pick up & delivery by 4LEAF staff) | Negotiable | Negotiable | Negotiable per project |

Larger complex plan reviews can be negotiated to achieve the best possible pricing. 4LEAF has a proven track record of working with municipalities to provide expedited reviews with special discounted pricing when applicable.

Pick-up of all plans will be performed by 4LEAF staff within 24 hours of the City's phone call or e-mail. 4LEAF prefers to pick-up and deliver the plans in person in order to communicate any information that may be pertinent to the project and maintain a consistent communication. 4LEAF staff will transport the plans to and from the City upon a phone call to the 4LEAF office or a simply e-mail for "pick-up" to pickup@4leafinc.com. Pick-ups are at no additional cost.

Document Control and Electronic Plan Review

When plans and documents are received for review, 4LEAF's Plan Review Manager and Document Control Technician analyzes the project, creates a job number, and completes a Job Setup Sheet. This form highlights both jurisdiction and project specific design criteria and notes applicable contact information. Jobs are transmitted through 4LEAF's easily accessed EZPlan Review portal which tracks initial and subsequent reviews and is open for view by the customer. The City and their customers can view 4LEAF's plan control log through **EZPlan Review Portal**.



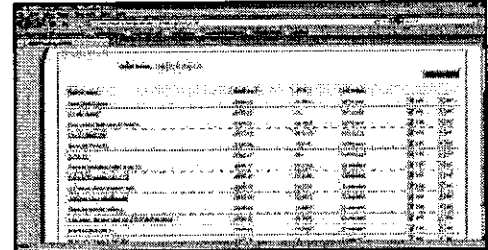
Plans then get distributed for review to a 4LEAF team consisting of a Plan Review Engineer or Architect (a licensed state professional) and/or an ICC Certified Plans Examiner, as applicable. Our staff then performs his or her function of analyzing the plans and documentation for effective conformance to the California Codes, referenced construction standards, and City amendments. Code review methodology entails "The Effective Use



of the CBC" reinforced through proprietary and jurisdictional checklists. When complete the Plan Review Manager overviews the project for quality control purposes and forwards comments or approvals to the pre-designated contacts.

4LEAF's EZPlan Review

- Structural & Non-Structural Guidelines and Checklists
- Specialized Spreadsheet Web-Based (EZPlan Review)



Electronic Plan Review

4LEAF is a green company and has the capability to receive and review electronic plans (pdf format) utilizing both Adobe Acrobat Pro and Bluebeam.

4LEAF has successfully implemented and used Blue Beam for electronic review of files to help eliminate the use of paper and take the plan review workflow to a whole new level. 4LEAF's offices are equipped with large scale monitors for easy review of plans. Bluebeam Revu combines powerful PDF editing, markup and collaboration technology with reliable file creation.



Structural Only Review

Upon request, 4LEAF will perform "structural only" reviews for the City. 4LEAF can communicate directly with the designers via email, in-person meetings, and through our EZ Plan Review system. 4LEAF prefers PDF files for "structural only" reviews which allow several different Structural Engineers to review plans together should there be design related questions. The majority of 4LEAF's plan review engineers have a design background and work well with project designers.

Certified Access Specialist (CASp)

4LEAF has seven Certified Access Specialists on staff. We have performed CASp inspection and plan review projects and have consulted on numerous construction projects for accessibility questions and advice.



| CASp Inspector | Certification No. | Expiration |
|-----------------------|--------------------------|-------------------|
| Jerry Thome | CASp-104 | 09/14/2018 |
| Frank Rainone | CASp-410 | 12/10/2019 |
| Mike Anderson, P.E. | CASp-328 | 09/22/2019 |
| Howie Conroy, CBO | CASp-429 | 07/31/2018 |
| David Rashé, CBO | CASp-213 | 06/23/2019 |
| Scott Wungluck | CASp-560 | 04/29/2017 |
| Brent Hipsher, CBO | CASp-422 | 04/12/2018 |
| William Holl, AIA | CASp-509 | 12/6/2019 |



Inspection Services

4LEAF maintains the largest database of qualified inspectors of varied qualifications. Inspectors vary from current full-time inspection staff, idle staff (temporarily between assignments), and pre-qualified staff which include inspectors who are available subject to client demand. 4LEAF's inspectors are all ICC Certified and experienced working within a municipal work environment. 4LEAF will provide inspectors with all the necessary tools, equipment, and current code books sufficient to facilitate all required inspections. **4LEAF can provide interim or full-time inspectors same-day or within one business day.**

We maintain an on-call database for as-needed requests with our clients. 4LEAF utilizes this service for more than 75 municipalities. Below is a snapshot of our database.

Monthly Inspection Assignment Schedule

| | W.C. | GR | EPA | Diary | Base | Hollister | Apple | Sal | North | Mod | San Jose | Dublin | VAL | Ala | Uth | Brantwood | Sec | Tiburon | LBL | Fols | UPD | Plan | Tracy | Aero | Daly | Sac | PA | |
|--------|--------------|-------|-----|-------|--------|-----------|----------|-------|-------|-----|----------|--------|-----|-----|-----|-----------|-------|---------|-----|-------|-----|------|-------|------|------|-----|----|----|
| 1-Jan | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2-Jan | MEP/WO/AM/MP | | | | OFF | GI/MO/TE | 10 | DN | | | EP | JB/KS | 8 | DS | ME | RO/L/BA | DN | MI | ME | RS/PG | | | | JD | LLD | RE | MI | 10 |
| 3-Jan | MEP/WO/AM/MP | | | | OFF | GI/MO/TE | 10 | DN | | | EP | | 8 | DS | ME | RO/L/BA | DN | MI | ME | RS/PG | | | | JD | LLD | RE | MI | 10 |
| 4-Jan | MEP/WO/AM/MP | | | | OFF | GI/MO/TE | 10 | DN | | | EP | | 8 | DS | ME | RO/L/BA | DN | MI | ME | RS/PG | | | | JD | LLD | RE | MI | 10 |
| 5-Jan | MEP/WO/AM/MP | JC | | | OFF | GI/MO/TE | 10 | DN | | | EP | | 8 | DS | ME | RO/L/BA | DN | MI | ME | RS/PG | | | | JD | LLD | RE | MI | 10 |
| 6-Jan | MEP/WO/AM/MP | JC | | | OFF | GI/MO/TE | 10 | DN | | | EP | | 8 | DS | ME | RO/L/BA | DN | MI | ME | RS/PG | | | | JD | LLD | RE | MI | 10 |
| 7-Jan | MEP/WO/AM/MP | JC | | | OFF | GI/MO/TE | 10 | DN | | | EP | | 8 | DS | ME | RO/L/BA | DN | MI | ME | RS/PG | | | | JD | LLD | RE | MI | 10 |
| 8-Jan | MEP/WO/AM/MP | JC | | | OFF | GI/MO/TE | 10 | DN | | | EP | | 8 | DS | ME | RO/L/BA | DN | MI | ME | RS/PG | | | | JD | LLD | RE | MI | 10 |
| 9-Jan | MEP/WO/AM/MP | JC/GM | | | OFF | GI/MO/TE | 10 | DN | | | EP | JM | 8 | DS | ME | RO/L/BA | DN | MI | ME | RS/PG | | | | JD | LLD | RE | MI | 10 |
| 10-Jan | MEP/WO/AM/MP | DN | | | OFF | GI/MO/TE | 10 | DN | | | EP | | 9 | DS | ME | RO/L/BA | GA/DN | MI | ME | RS/PG | KB | | | JD | LLD | RE | MI | 10 |
| 11-Jan | MEP/WO/AM/MP | | | | OFF | GI/MO/TE | 10 | JM | | | EP | | 8 | DS | ME | RO/L/BA | DN | MI | ME | RS/PG | KB | | | JD | LLD | RE | MI | 10 |
| 12-Jan | MEP/WO/AM/MP | JC | | | OFF | GI/MO/TE | 10 | JM/DN | | | EP | | 8 | DS | ME | RO/L/BA | GA/DN | MI | ME | RS/PG | KB | | | JD | LLD | RE | MI | 10 |
| 13-Jan | MEP/WO/AM/MP | JC | | | OFF | GI/MO/TE | 10 | JM/DN | | | EP | | 8 | DS | ME | RO/L/BA | DN | MI | ME | RS/PG | KB | | | JD | LLD | RE | MI | 10 |
| 14-Jan | MEP/WO/AM/MP | JC | | | OFF | GI/MO/TE | 10 | JM/DN | | | EP | | 8 | DS | ME | RO/L/BA | GA/DN | MI | ME | RS/PG | KB | | | JD | LLD | RE | MI | 10 |
| 15-Jan | MEP/WO/AM/MP | JC/GM | | | OFF | GI/MO/TE | 10 | JM/DN | | | EP | | 8 | DS | ME | RO/L/BA | DN | MI | ME | RS/PG | KB | | | JD | LLD | RE | MI | 10 |
| 16-Jan | MEP/WO/AM/MP | JC/GM | | | OFF | GI/MO/TE | 10 | JM/DN | | | EP | | 8 | DS | ME | RO/L/BA | GA/DN | MI | ME | RS/PG | KB | | | JD | LLD | RE | MI | 10 |
| 17-Jan | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20-Jan | MEP/WO/AM/MP | | | | RST | OFF | GI/MO/TE | 11 | JM/DN | | EP | JB | 8 | DS | ME | RO/L/BA | DN | MI | ME | RS/PG | KB | | | JD | LLD | RE | MI | 10 |
| 21-Jan | MEP/WO/AM/MP | MM | | | OFF | GI/MO/TE | 11 | JM/DN | | | EP | JB | 8 | DS | ME | RO/L/BA | GA/DN | MI | ME | RS/PG | KB | | | JD | LLD | RE | MI | 10 |
| 22-Jan | MEP/WO/AM/MP | MM | | | OFF | GI/MO/TE | 11 | JM/DN | | | EP | JB | 8 | DS | ME | RO/L/BA | DN | MI | ME | RS/PG | KB | | | JD | LLD | RE | MI | 10 |
| 23-Jan | MEP/WO/AM/MP | MM | | | ME/RST | OFF | GI/MO/TE | 11 | JM | | EP | JB | 8 | DS | ME | RO/L/BA | GA/DN | MI | ME | RS/PG | KB | | | JD | LLD | RE | MI | 10 |
| 24-Jan | MEP/WO/AM/MP | JC | | | RST | OFF | GI/MO/TE | 11 | JM | | EP | | 8 | DS | ME | RO/L/BA | GA/DN | MI | ME | RS/PG | KB | | | JD | LLD | RE | MI | 10 |
| 25-Jan | MEP/WO/AM/MP | MM | | | RST | OFF | GI/MO/TE | 11 | JM | | EP | | 8 | DS | ME | RO/L/BA | DN | MI | ME | RS/PG | KB | | | JD | LLD | RE | MI | 10 |
| 26-Jan | MEP/WO/AM/MP | MM | | | RST | OFF | GI/MO/TE | 11 | JM | | EP | | 8 | DS | ME | RO/L/BA | GA/DN | MI | ME | RS/PG | KB | | | JD | LLD | RE | MI | 10 |
| 27-Jan | MEP/WO/AM/MP | MM | | | RST | OFF | GI/MO/TE | 11 | JM | | EP | | 8 | DS | ME | RO/L/BA | DN | MI | ME | RS/PG | KB | | | JD | LLD | RE | MI | 10 |
| 28-Jan | MEP/WO/AM/MP | MM | | | RST | OFF | GI/MO/TE | 11 | JM | | EP | | 8 | DS | ME | RO/L/BA | GA/DN | MI | ME | RS/PG | KB | | | JD | LLD | RE | MI | 10 |
| 29-Jan | MEP/WO/AM/MP | MM | | | RST | OFF | GI/MO/TE | 11 | JM | | EP | | 8 | DS | ME | RO/L/BA | DN | MI | ME | RS/PG | KB | | | JD | LLD | RE | MI | 10 |
| 30-Jan | MEP/WO/AM/MP | MM | | | RST | OFF | GI/MO/TE | 11 | JM | | EP | | 8 | DS | ME | RO/L/BA | GA/DN | MI | ME | RS/PG | KB | | | JD | LLD | RE | MI | 10 |

Key
White = Filled
Yellow = Needs staff
Green = No Request
Black = Closed/Holiday
Gray = No Fill
Blue = Sick

Inspection Options

Periodic Inspection Services → Available Next Day

4LEAF can fulfill inspection requests immediately upon request including same day. 4LEAF has a wealth of local and available inspectors ready to serve the City of Stockton. In addition, 4LEAF has a proven track record of providing such services to a number of different building departments.

Part-Time Inspection Services → Available Next Day

4LEAF will provide the City with part-time inspectors upon request. 4LEAF can provide part-time staff within 24 hours of request for any duration of time. 4LEAF's Project Manager will work closely with the department to identify the right personnel and determine the appropriate work schedule.

Full-Time Inspection Services → Available Two Days or Less

4LEAF can provide full-time inspectors upon request. 4LEAF provides this service regularly to many clients throughout the Central Coast, Sacramento Valley, Peninsula/South Bay, East Bay, and Central Valley.

Project Specific Inspection Services → Available Two Days or Less

4LEAF is often tasked with providing inspection services to large projects on behalf of municipalities. 4LEAF currently handles large-scale projects for such clients as the City of Palo Alto, City of Cupertino, etc. These projects are developer funded into a separate City account which is distributed to 4LEAF using a separate invoice and contract number. This is particularly helpful to fast paced projects looking for continuous inspection services over a short period of time (i.e. 6 – 36 Months).



Building Department Staff Services

4LEAF has a proven track record of providing Building Officials and Permit Technician/Counter staff to jurisdictions throughout California. The 4LEAF pool of talented professionals includes qualified and experienced permit technicians, capable of providing all permit processing and counter services. 4LEAF can deploy such staff on short notice and offers training programs for department staff, if required.

Our staff encompasses the right combination of experience, education and certifications. 4LEAF Permit Technician staff must be experienced and dedicated to serving the public at the Planning and Building Department counter. Typical duties include:

- Accepting Plans for Plan Check
- Verification that Plans are accurate and complete
- Calculate Permit Fees
- Explain ordinances and procedures to owners, contractors, developers, architects, and general public
- Assist with preparation of permit applications
- Receive Plans for Planning and Building permits and route to various agencies (if requested)
- Accept complaints on code violations, process, and record complaints
- Answer telephone for field and office staff
- Process inspection requests
- Maintain files for building permits
- Operate Building Department's computerized information system
- Input variety of information including building permits and inspections
- Complete related duties and responsibilities as assigned by Building Official and Senior staff members

4LEAF has numerous Building Official and Permit/Counter Technicians on staff, many whom are currently assigned to Building Departments throughout the state. All staff will have the materials, resources, tools, and training required to perform the job.

Building Department Services Placement Schedule

| Building Department Staff | Interim | Full-Time |
|--|------------------|-------------------|
| Permit Technician (ICC Certified) | Less Than 2 Days | Less Than 5 Days |
| Assistant Permit Technician/ Counter Staff | Less Than 2 Days | Less Than 5 Days |
| Building Official | Less Than 2 Days | Less Than 15 Days |

Public Works Inspection

In addition to building inspection, 4LEAF has an experienced staff that provides public works inspection. Our team has supported numerous projects for on-call construction management and inspection services contracts for clients such as Sacramento Regional Transit District, California State Parks, and numerous municipalities. Our many public works projects include light rail extension projects, water/sewer systems, roadways, and bridges. Our team of qualified public works inspectors is available to the City of Stockton should you have needs in this area.



4LEAF, INC.

ENGINEERING • CONSTRUCTION MANAGEMENT
BUILDING INSPECTION • PLAN CHECK

Section 5: Insurance Requirements

4LEAF meets or exceeds the insurance requirements provided in the Request for Proposal. A summary of 4LEAF's Insurance policy is detailed below. The Producer of the Certificate of Insurance is Granite Professional Insurance Brokerage Inc. We have provided our current insurance certificate for the City of Stockton on the following page.

Our insurance includes:

- **Worker's Compensation** - \$1,000,000
- **Employer's Liability** - \$2,000,000
- **Commercial General Liability** - \$2,000,000

EXHIBIT 2

EXHIBIT B

BUREAU VERITAS NORTH AMERICA

Insurance Requirements for Professional Services

Consultant shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Consultant, its agents, representatives, or employees.

MINIMUM SCOPE AND LIMIT OF INSURANCE

Coverage shall be at least as broad as:

1. **Commercial General Liability (CGL):** Insurance Services Office Form CG 00 01 covering CGL on an "occurrence" basis, including products and completed operations, property damage, bodily injury and personal & advertising injury with limits no less than **\$1,000,000** per occurrence. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location or the **general aggregate limit shall be twice** the required occurrence limit.
2. **Automobile Liability:** Insurance Services Office Form Number CA 0001 covering, Code 1 (any auto), or if Consultant has no owned autos, Code 8 (hired) and 9 (non-owned), with limit no less than **\$1,000,000** per accident for bodily injury and property damage.
3. **Workers' Compensation** insurance as required by the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than **\$1,000,000** per accident for bodily injury or disease. ***(Not required if consultant provides written verification it has no employees)***
4. **Professional Liability (Errors and Omissions)** Insurance appropriate to the Consultant's profession, with limit no less than **\$2,000,000** per occurrence or claim, \$2,000,000 aggregate. (If Claims-made, see below.)

If the Consultant maintains higher limits than the minimums shown above, the City of Stockton requires and shall be entitled to coverage for the higher limits maintained by the consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City of Stockton.

Other Insurance Provisions

The insurance policies are to contain, or be endorsed to contain, the following provisions:

Additional Insured Status

The City of Stockton, its Mayor, Council, officers, representatives, agents, employees and volunteers are to be covered as additional insureds on the CGL policy and AL policy with respect to liability arising out of work or operations performed by or on behalf of the Consultant including materials, parts, or equipment furnished in connection with such work or operations. General liability coverage can be provided in the form of an endorsement to the Consultant's insurance (**at least as broad as ISO Form CG 20 10 11 85 or both CG 20 10 and CG 20 37 forms if later revisions used**).

Primary Coverage

For any claims related to this contract, the **Consultant's insurance coverage shall be endorsed as primary** insurance as respects the City of Stockton, its Mayor, Council, officers, representatives, agents, employees and volunteers. Any insurance or self-insurance maintained by the City of Stockton, its Mayor, Council, officers, representatives, agents, employees and volunteers shall be excess of the Consultant's insurance and shall not contribute with it. The City of Stockton does not accept endorsements limiting the Consultant's insurance coverage to the sole negligence of the Named Insured.

Notice of Cancellation

Each insurance policy required above shall state that **coverage shall not be canceled, except with notice to the City of Stockton.**

Waiver of Subrogation

Consultant hereby grants to City of Stockton a waiver of any right to subrogation which any insurer of said Consultant may acquire against the City of Stockton by virtue of the payment of any loss under such insurance. Consultant agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation, but this provision applies regardless of whether or not the City of Stockton has received a waiver of subrogation endorsement from the insurer.

Deductibles and Self-Insured Retentions

Any deductibles or self-insured retentions must be declared to and approved by the City of Stockton Risk Services. The City of Stockton may require the Consultant to provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention.

Acceptability of Insurers

Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A:VII if admitted to do business in the State of California; if not admitted to do business in the State of California, insurance is to be placed with insurers with a current A.M. Best's rating of no less than A+:X.

Claims Made Policies

If any of the required policies provide coverage on a claims-made basis:

1. The Retroactive Date must be shown and must be before the date of the contract or the beginning of contract work.
2. If Claims Made policy form is used, a three (3) year discovery and reporting tail period of coverage is required after completion of work.

Verification of Coverage

Consultant shall furnish the City of Stockton with original certificates and amendatory endorsements required by this clause. All certificates and endorsements are to be received and approved by the City of Stockton Risk Services before work commences. Failure to obtain the required documents prior to the work beginning shall not waive the Consultant's obligation to provide them. The City of Stockton reserves the right to require complete, certified copies of all required insurance policies, including endorsements required by these specifications, at any time, for any reason or no reason.

Consultant shall, prior to the commencement of work under this Agreement, provide the City of Stockton with a copy of its Declarations Page and Endorsement Page for each of the required policies.

Certificate Holder Address

Proper address for mailing certificates, endorsements and notices shall be:

- City of Stockton
- Attention: Risk Services
- 425 N El Dorado Street
- Stockton, CA 95202

City of Stockton Risk Services Phone: 209-937-5037

City of Stockton Risk Services Fax: 209-937-8558

Maintenance of Insurance

If at any time during the life of the Contract or any extension, the Consultant fails to maintain the required insurance in full force and effect, all work under the Contract shall be discontinued immediately. Any failure to maintain the required insurance shall be sufficient cause for the CITY to terminate this Contract.

Subcontractors

Consultant shall require and verify that all subcontractors maintain insurance meeting all the requirements stated herein, and Consultant shall ensure that City of Stockton is an additional insured on insurance required from subcontractors.

Special Risks or Circumstances

City of Stockton reserves the right to modify these requirements, including limits, based on the nature of the risk, prior experience, insurer, coverage, or other special circumstances.

Resolution No. **2017-06-20-1103**

STOCKTON CITY COUNCIL

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RESOLUTION AUTHORIZING THE EXECUTION OF A PROFESSIONAL SERVICES MASTER AGREEMENT TO ESTABLISH A POOL OF QUALIFIED FIRMS FOR ON-CALL CONTRACT SUPPORT FOR BUILDING PLAN REVIEW AND INSPECTION, ENGINEERING PLAN REVIEW, AND FLOODPLAIN MANAGEMENT SERVICES (PUR 17-001)

Development is cyclical, and during an improving economy the demand for building plan review and inspection services can outpace staffing levels; and

There is a continued need to maintain an on-call list of building inspectors, plan examiners, and engineers to meet the demand for service during peak periods; and

On March 29, 2017, a Request For Qualifications (RFQ) for development related Building Plan Check, Inspection and Engineering on-call services was posted to the City's Bid Flash web page in order to develop a pool of qualified firms (PUR 17-001); and

RFQs were reviewed by an evaluation panel consisting of three CDD staff and selection was based on the strength of the proposals, experience with the work required, understanding of Stockton Municipal Code and State Code, ability to provide quality control checks, qualified staff, customer service and total hourly cost rate to the City; and

Four out of the five firms were recommended for the pool as follows: 4LEAF, Inc. Fair Oaks, CA; CSG Consultants, Inc., Sacramento, CA; Bureau Veritas North America, Inc., Sacramento, CA; and West Coast Code Consultants, Inc., San Ramon, CA; now, therefore,

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF STOCKTON, AS FOLLOWS:

1. The "Professional Services Master Agreement," attached hereto as Exhibit 2 and incorporated by this reference, between the City of Stockton and each of the following firms is hereby authorized and approved for the establishment of a Vendor Pool:
 - a. 4LEAF, Inc. Fair Oaks, CA
 - b. CSG Consultants, Inc., Sacramento, CA
 - c. Bureau Veritas North America, Inc., Sacramento, CA
 - d. West Coast Code Consultants, Inc., San Ramon, CA

Firm qualifications, staffing plans, and standard hourly rates schedules are found in Exhibit 1, which is also attached and incorporated by this reference.

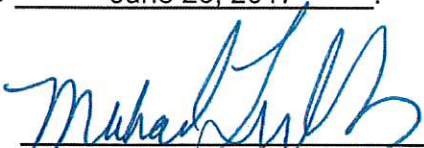
2. The City Manager is hereby authorized and directed to execute the Professional Services Master Agreement with each of the vendor pool firms on behalf of the City of Stockton.
3. The City Manager is hereby authorized to enter into amendments to the Professional Services Master Agreement with each of the firms in the vendor pool in a total amount not to exceed \$480,000 across all vendors.
4. The City Manager is hereby authorized to take whatever actions are necessary and appropriate to carry out the purpose and intent of this Resolution.

PASSED, APPROVED, and ADOPTED June 20, 2017.

ATTEST:


BONNIE PAIGE
City Clerk of the City of Stockton




MICHAEL D. TUBBS
Mayor of the City of Stockton