



INTERWEST

A SAFEbuilt COMPANY

# CITY OF LA MESA

## Consultant Services for Building Services in the City of La Mesa | RFP 23-03

July 20, 2022

**INTERWEST CONSULTING GROUP**

**Steve Nero**

Senior Director of Business Development

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# A | Cover Letter

July 20, 2022

City of La Mesa  
8130 Allison Avenue  
La Mesa, CA 91942



**Subject: Proposal to Provide Building Services to the City of La Mesa | RFP 23-03**

Interwest Consulting Group (Interwest) understands that the City of La Mesa seeks qualified consultants to provide building administration, permit issuance, plan check, inspections, and public counter services. Interwest, formerly EsGil, has had the pleasure of providing these services to local municipalities for decades. Our team stands capable and ready to provide these quality building services to support the City of La Mesa.

With a deep bench of more than 200 professionals dedicated to providing building safety services to our clients, Interwest maintains the largest staff of building safety professionals in California. Our proposed team was carefully selected based upon their expertise, qualifications, and building code knowledge, as well as their hands-on experience serving local municipalities. In order to provide the full scope of work, we plan to partner with subconsultants, **Ninyo & Moore** for geotechnical and hillside development review services, and **D-MAX Engineering** to provide stormwater compliance inspections. Both firms are currently providing these services to the City and have a wealth of insight into local and City-specific concerns and requirements.

Our goal is to provide experts in the industry who can perform services for building departments in a seamless manner by customizing our services to correspond with our client’s expectations and needs. We strive to work collaboratively with Building Division and other City personnel, applicants, and designers to resolve issues as efficiently as possible to expedite the plan review and inspection process with our focus being the successful outcome for the project.

David Kniff, AIA will act as the Plan Check Project Manager for this engagement and Bill Elizarraras will act as the Field Services Project Manager. David will be the City’s day-to-day contact for any questions under this agreement. Steve Nero, Senior Director of Business Development, will serve as the primary contact to the City throughout the duration of the proposal process. Their contact information has been provided below:

Plan Check Project Manager	Field Services Project Manager	Primary Contact
David Kniff, AIA 858.560.1468 dkniff@esgil.com	Bill Elizarraras, ICC 858.740.9901 belizarraras@esgil.com	Steve Nero 949.201.2468 snero@safebuilt.com

Local Office: 9320 Chesapeake Dr. | Suite 208 | San Diego, CA, 92123 | Fax: 714.899.9039 *\*\*Only 11 miles from City Hall\*\**

As President of Interwest Consulting Group, I am authorized to sign any agreements that may result from this proposal and will provide contract support to the proposed Interwest team. If you have any questions, please do not hesitate to contact me at 619.372.9962 or pmeschino@interwestgrp.com.

We appreciate the opportunity to present our qualifications to the City of La Mesa and look forward to serving your community.

Respectfully Submitted,

**Paul Meschino**  
President, Interwest Consulting Group



## B | Scope of Work

### Why Interest?

Interwest strives to create thoughtful, tailored solutions with the goal of building thriving communities across California. The ultimate measure of our success is defined by the strength of our relationships with the people we work with and the people we work for.



+ **One-stop-shop.** Interwest has the knowledge, experience, professional resources, and variety of disciplines to comprehensively and professionally provide the full range of services desired by the City.



+ **Local Experience.** We provide complete building department services to municipalities throughout the State of California including to the Cities of Encinitas, Poway, Santee, Solana Beach, Lemon Grove, Lake Forest, and Pomona. Please see the following section for a more comprehensive listing. All services will be directed from [our San Diego office, just 11 miles from La Mesa City Hall.](#)



+ **Your Industry Experts.** Our staff holds a wealth of code knowledge and building industry experience with some involved in the development of the California codes. We share this unique knowledge by providing code-related training and instruction at California Building Officials conferences, training seminars at various ICC Chapters as well as other professional organizations. Our technical and administrative staff is highly trained, attending seminars and code development sessions, and educational conferences to keep current on up-to-date industry methods and information.



+ **Your Partner.** Interwest professional staff understands, values, and appreciates the importance of developing meaningful community partnerships to responsibly and respectfully understand and resolve stakeholder issues and concerns in a manner which reflects positively on the communities we serve.



+ **Customer Service.** Interwest Core Values and beliefs are compatible with the high-quality professional and customer service expectations of the City of La Mesa. The customer experience provided by Interwest will reflect the critically important intangibles of commitment, desire, and initiative.

### LOCAL SOUTHERN CALIFORNIA EXPERIENCE

Interwest has provided plan review, inspection, permit technician services since our incorporation in 2002 and has licensed engineers, ICC certified Plan Reviewers, and CASp Certified plan reviewers who can provide a full spectrum of required plan review. Our staff are experts in their fields and can assist with single and multi-family residential, commercial and industrial projects in the areas of fire and life safety, structural, energy, green code, accessibility, electrical, mechanical, and plumbing plans.

Interwest currently provides plan review services to the following municipalities in Southern California.

CLIENT	SCOPE OF WORK	YEARS SERVED
City of Anaheim	Plan Review, Inspection, Permit Technician	2016 - Present
City of Chino Hills	Building & Accessibility Plan Review & Inspection	2015 - Present



City of Chula Vista	Building Plan Check, Inspection & Permit Technician Services ( <i>services provided as EsGil</i> )	2017 - Present
City of Corona	Building & Fire Plan Check & Inspection	2016 - Present
City of Coronado	Building & Fire Plan Review, On-Call Inspections, On-Call Permitting Services ( <i>services provided as EsGil</i> )	1982 - Present
City of Costa Mesa	Interim Building Official, Plan Review & Inspection	2007 - Present
City of Eastvale	Building Official, Plan Review, Inspection, Permit Technician	2010 - Present
City of El Cajon	Building Plan Review and Inspection ( <i>services provided as EsGil</i> )	1991 - Present
City of El Monte	Plan Review, Inspection, Permit Technician	2018 - Present
City of Encinitas	Building Plan Review, Inspection, and Permitting Services	1987 - Present
City of Escondido	Plan Review	1984 - Present
City of Garden Grove	Plan Review, Inspection	2017 - Present
City of Inglewood	Plan Review, Inspection	2017 - Present
City of Irvine	Plan Review, Inspection, Permit Technician	2016 - Present
City of Lake Forest	Building Official, Plan Review, Inspection, Permit Technician	2009 - Present
City of Long Beach	Plan Review, Inspection	2015 - Present
City of Murrieta	Plan Review, Inspection	2013 - Present
City of Palmdale	Plan Review, Inspection	2018 - Present
City of Perris	Plan Review, Inspection	2018 - Present
City of Pomona	Building Official, Building and Grading Plan Review, Inspection, Permit Technician	2009 - Present
City of Poway	Building Plan Review, Inspection, and Permitting Services	1981 - Present
City of Santee	On-Call Building Plan Review, Inspection, and Permitting Services ( <i>services provided as EsGil</i> )	1986 - Present
City of Solana Beach	Building Plan Review, Inspection, and Permitting Services, On-Call Fire Plan Review ( <i>services provided as EsGil</i> )	1986 - Present
City of Temecula	Plan Review, Inspection ( <i>services provided as EsGil</i> )	1992 - Present
City of Tustin	Plan Review, Inspection	2012 - Present
City of Upland	Building Official, Building & Fire Plan Review, Inspection, Permit Technician	2014 - Present
City of Wildomar	Building Official, Plan Review, Inspection, Permit Technician	2008 - Present
City of Yorba Linda	Plan Review	2010 - Present
County of Riverside	Plan Review, Inspection	2015 - Present
County of San Diego	Plan Review, Inspection ( <i>services provided as EsGil</i> )	1986 - Present



## Building Administration Services



Our proposed Building Official, **Oscar Herrera, CBO, ICC** is an ICC certified Building Official and ICC Master Code Professional with 31 ICC certifications in Plans Examination and Building Inspection disciplines and more than 19 years of experience serving municipalities. Oscar will be available for 24-hour, emergency on-call services and as required to answer questions, attend applicable meetings and provide expertise on items and projects requiring a high level of building and safety expertise. He can also be available to inspect properties and provide simple over-the-counter plan review as required. He will also be responsible for overseeing building plan check, inspection, code compliance and permitting, and acts as an official City representative on building-related matters.

Oscar will act as a Building Official in accordance with the California Building code, adopted building codes and ordinances as specified in Federal and State law, and will take responsibility for the daily administration of Building Services activities including:

- + Serve as the City's Building Official enforcing building code, construction and construction site stormwater management codes to ensure public and environmental safety and health
- + Provide a high-level of customer resolve, excellent communication, and responsiveness to all applicants
- + Be available for 24-hour, emergency on-call services as needed
- + Manage, coordinate, and oversee the building permit and plan check, building inspection, staffing, and building counter services so that they function as a cohesive service for the City and public
- + Establish and implement building procedures to ensure a high level of customer satisfaction

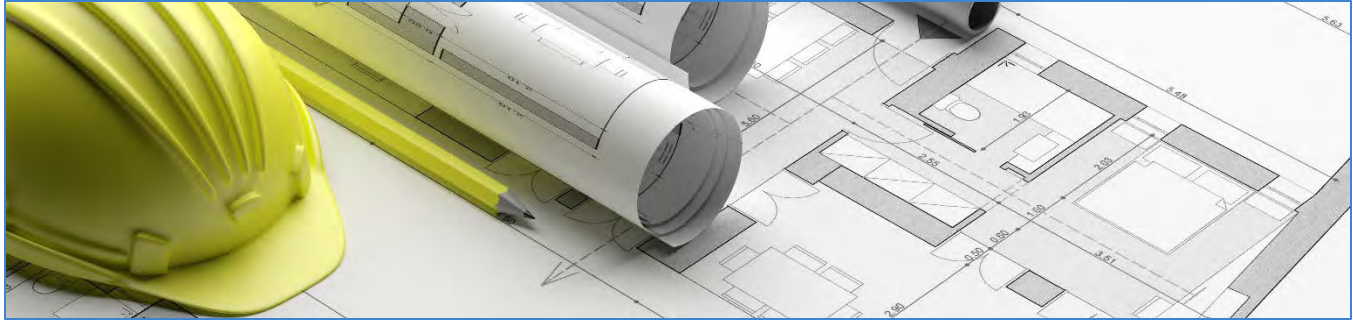
### BUILDING OFFICIAL QUALIFICATIONS

Our assigned Building Official has:

- ✓ 19+ years increasingly responsible experience, including two years in a supervisory or lead role
- ✓ ICC Certified Building Official, Plans Examiner, and Inspector.
- ✓ 19+ years of public building department experience.
- ✓ Experience with infill development and density bonus projects
- ✓ Experience with use and configuration of permit tracking software
- ✓ Excellent oral and written communication skills
- ✓ Solution-oriented customer service experience with a wide range of customers, including developers, contractors, homeowners, business owners and City staff



- + Make determination on the approval and use of alternative materials and methods of construction
- + Provide over-the-counter plan check for minor residential remodels and commercial tenant improvements
- + Oversee and manage required construction site stormwater quality inspection, reporting and records maintenance
- + Issue Certificates of Use and Occupancy for buildings and structures
- + Resolve interpretation issues for compliance with adopted codes
- + Be available to answer questions, inspect properties (as back up), attend applicable meetings and provide expertise on items and projects requiring a high level of building and safety expertise
- + Provide information and assistance to homeowners, businesses and the development community
- + Meet with homeowners, business owners, developers, architects, engineers and the general public at the City or in the field, as the need dictates, to resolve grievances and/or respond to questions and ensure timely project processing in compliance with Federal, State and City laws and ordinances
- + Manage staffing levels and staff to ensure that all established timeframes are met and ensure quality control review of plan checks and inspections
- + Interface with other City departments/divisions in coordinating plan approval and building/stormwater code related issues
- + Assist in the preliminary review of project development applications for general feasibility of construction as designed to aid in Planning staff's discretionary review prior to a determination subject to the City's regulatory documents, including the DRO, Floodplain, and LCP, including comment and provision of "conditions of approval" for concept plans as part of the City's discretionary process
- + Assist in the maintenance, amendment, and development of ordinances and regulations necessary to the implement and enforce the latest editions of the California Building Code, including any and all related Codes, or other uniform safety codes, laws, or regulations as adopted or amended by the City deemed necessary by the City to protect the health safety and welfare of its citizens
- + Monitor the collection of building plan check, inspection, and permit fees and other building activity level indicators
- + Assist in City efforts to modify/update fees and charges associated with Building Services, including tracking of staff hours and charges to provide Building Services to City
- + Ensure use of the City's permitting software by subordinates to track all building and safety services based on City established plan submittal and review, permit issuance, inspection, and record management processes
- + Attend City Council and/or Planning Commission meetings annually, on an as-needed basis, to address Building related matters
- + Preparation of quarterly SMIP (California Strong Motion Instrumentation Program) and other Building Fee reports as needed
- + Preparation of quarterly progress reports outlining number of permits processed, total valuation or processed permits, and total fees collected
- + Preparation of annual reports detailing the number of dwelling units permitted/constructed each calendar year, both net new and replacement
- + Perform all other administrative building and safety related duties, including developing and implementing office policies and procedures and assuring that files and plans are secured, organized and kept up to date



## Building Plan Check Services

All plans examination services will be performed by a licensed Civil or Structural Engineer, and/or an ICC Certified or otherwise qualified Plans Examiner. For more complex projects and when needed to meet peak workload demands, additional support will be provided from our other regional offices. Our plans examiners understand and are intimately familiar with applicable building codes and plan review procedures and policies and will readily assist with solutions to complicated plan review issues.

Our staff will work with project applicants in a collaborative and professional manner to quickly identify and resolve violations of codes, standards or local ordinances. They will provide thorough plan reviews in an effort to ensure complete and accurate construction documents to minimize questions and problems during the construction phase of projects.

### Technical Capabilities in Plan Check Areas

Interwest staff possesses significant technical capabilities in all areas of plans examination competence. Plans examiners are licensed engineers and/or ICC Certified or otherwise qualified Plans Examiners with extensive experience providing plan review services. Plans examination activities will be performed under the direction of a California licensed professional engineer and/or licensed architect. Our staff will conduct accelerated plan review on as as-needed basis as requested by the Building Official.

#### *Non-Structural Life Safety*

Interwest's non-structural plans examiners furnish plan review services for a vast array of projects including large residential, commercial, institutional, industrial, retail, and OSHPD 3 medical office buildings. Many of our plans examiners are CASp certified. Completed plan review projects range from single-story residential projects to complex high rise buildings and numerous building additions and remodels. We are experienced and familiar with the use and application of the most current editions of the following codes:

- + California Building Standards Code
- + Americans with Disabilities Act Standards for Accessible Design
- + ANSI Standards
- + NFPA Codes & Standards
- + CA Code of Regulations (CCR) Titles 19 and 24
- + Jurisdiction-adopted amendments or ordinances

#### *Structural*

Our California-licensed Structural Engineers have experience designing and reviewing projects utilizing virtually all building materials:

- + Wood
- + Masonry
- + Cold-Formed Steel Framing
- + Straw Bale





- + Heavy Timber / Timber Frame
- + Concrete
- + Structural Steel
- + Rammed Earth
- + Aluminum

Our engineers have designed or reviewed a wide array of lateral force resisting systems including:

- + Steel Moment Frames
- + Buckling Restrained Braced Frames
- + Eccentric Braced Frames
- + Concentric Braced Frames
- + Concrete Moment Frames
- + Wood Shearwall Systems
- + Masonry Shearwall Systems
- + Concrete Shearwall Systems
- + Cantilevered Column Systems
- + Various Proprietary Lateral Force Resisting Systems

Our structural engineers are experienced with the provisions of most model codes including, but not limited to, current versions of:

- + CCR Title 24, Part 2, Volume 2
- + AISC 341, 358 and 360
- + ASCE 7 & 41
- + AISI Standards for Cold Formed Steel
- + ANSI / AF&PA NDS for wood framing
- + ACI 318
- + ACI 530 / TMS 402/602
- + CA Historical Building Code
- + CA Existing Building Code
- + NEHRP Requirements for Existing Building
- + International Existing Building Code, Appendix A2 and A5

#### *Mechanical, Plumbing & Electrical*

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Interwest's California-licensed Mechanical and Electrical Engineers are well-versed in the application California Mechanical, Plumbing, Electrical, Energy and Green Building Standards Codes:

- + California Building Code
- + California Residential Code
- + California Plumbing Code
- + California Mechanical Code
- + California Electrical Code
- + Jurisdiction-adopted amendments or ordinance

#### *Energy Compliance*

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Our engineers and plan reviewers are up-to-date on all California Energy requirements as they relate to both new and remodel construction on large residential and commercial projects. The Energy Efficiency Standards for Residential and Nonresidential Buildings were established in 1978 in response to a legislative mandate to reduce California's energy consumption. These standards are updated periodically to allow consideration and possible incorporation of new energy efficiency technologies and methods.

#### *Green Building Standards*

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Our staff is familiar with the incorporation of CALGreen building criteria into project designs and the resulting potential impact as related to the building codes. In addition, staff members have participated in the development of various "green" standards for super adobe, rammed earth, and straw bale construction, to name a few.

#### *LEED*

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Developed by the US Green Building Council (USGBC), LEED provides building owners and operators a framework for identifying and implementing measurable green building design, construction, operations and maintenance solutions. LEED certification consists of a number of different rating systems that apply to many building types—commercial as well as residential and measures how well a building performs across many sustainability metrics including: energy savings, water efficiency, CO2 emissions reduction, improved indoor environmental quality, and stewardship of resources and sensitivity to their impacts.



### *Access Compliance – CASp Review*

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All of Interwest’s CASp-Certified professionals are knowledgeable of state and federal accessibility laws and regulations and possess the expertise necessary to promote access to facilities for persons with disabilities. Our goal is to provide experts in the industry who can perform services for building departments by customizing our services to correspond with our client’s expectations and needs. We work collaboratively with our clients to resolve plan review and inspection related issues as efficiently as possible, ultimately resulting in an expedited process and successful project.

Our architects and plans examiners are fully trained and familiar with CA Building Code Accessibility requirements and ADA compliance regulations and are available for plan review and/or evaluations and consultation. We offer support to municipalities for compliance enforcement and/or developing a transition plan towards compliance, and successfully partner with the disabled community to address the needs and requirements for both entities. We can assist our clients in interpreting various issues relating to access compliance, such as access compliance obligations, transition planning, construction costs, construction phasing, code ‘interpretation,’ hardship and code changes.

### *Flood Zones*

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Interwest’s staff of engineers and plans examiners have experience in providing plan reviews for projects located in flood zones, as several of our clients have developments that occur in areas prone to flooding. Interwest’s staff has provided numerous plan reviews for projects located in flood zones using FEMA’s Technical Bulletins as well as the local jurisdiction’s ordinances. In addition, members of Interwest’s staff have participated in state-sponsored committees to establish guideline and regulations for construction in areas designated as flood zones.

### *OSHPD 3*

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Our staff of plans examiners has extensive experience in providing plan reviews for OSHPD 3 projects. Our staff is well versed with the OSHPD 3 requirements contained in the California Building Code. We also have OSHPD certified inspectors available on an as-needed basis.

## **Code Interpretations**

Code interpretations are subject to final review and approval by the Chief Building Official, or City designated staff. Interwest’s engineers and plans examiners will provide unbiased recommendations and background information to help the Building Official or Fire Marshal make an informed decision. All plan review comments are subject to review and approval by the City Building Department.

## **Special Projects**

Interwest is able to accommodate special project plan review needs such as fast-track, multi-phased, or accelerated plan reviews. We establish project specific turn-around goals and procedures with jurisdiction staff for these types of projects based on the complexity of the projects as well as the construction schedule.

Our staff of engineers and plans examiners will work with the City as well as with applicants and designers to resolve all plan review issues. Our staff will deal directly with applicants and their designers during the plan review process to resolve all issues. Interwest will furnish assigned personnel with all materials, resources and training necessary to conduct plan reviews, including a current copy of the applicable City amendments, policies, procedures and forms.



## Communicating Plan Review Results

Plan reviews, when not immediately approved, will result in lists of comments referring to specific details and drawings, and referencing applicable code sections. Interwest will provide the City a clear, concise and thorough document from which clients, designers, contractors and owners can work. At the completion of each plan review cycle, Interwest will return an electronic copy of the plan review comment list to the designated City representatives. Upon completion of the plan review, after all plan review issues have been resolved, Interwest will electronically stamp all final documents annotated as "reviewed for code compliance" to the City for final approval and permit issuance.

## On-Site Consultant Services & Meeting Attendance

Our staff is available for pre-construction or pre-design meetings, field visits, contacts with the design team, and support for field inspection personnel as needed. With some reasonable limitations, pre-construction and pre-design meetings associated with projects that we plan review are considered part of the plan review service.

Interwest's engineers and plans examiners will be available to meet with City staff, the design team, applicants, and/or contractors, at the City's request, to discuss and resolve plan review and code related issues. We will be available within one (1) business day to respond to questions from the City that may be generated during field inspections for each authorized plan check that is subsequently issued a permit for construction. Voice mails and e-mails will be responded to as quickly as possible, always within 24 hours.

## Plan Review Tracking Methods & Billing Process



Our staff has experience working with most project tracking databases utilized by building departments. Our staff will update electronic records and make project related database entries as directed by the City.

We will create and maintain a Jurisdiction File containing our research on any unique amendments or specifications required by your jurisdiction, billing arrangements, contact information and any special requests you would like us to keep in mind.

Interwest uses a custom-designed database to maintain and track all plans throughout the review process from the moment you request a pick-up and/or shipment to delivery of the final, approved documents. Information such as project name, City's project number, assigned plan reviewer(s), date documents were received, plan review cycle and completion date for current review can be provided. In addition to standard phone communication, custom reports can be emailed.

In addition, we can provide online tracking for the City with a custom-designed web template geared to provide any reporting and information needs required.



## Building Inspection Services

Building inspectors qualified to perform residential and commercial inspections can be made available as-needed during normal business hours (40 hours/week). Inspectors can also be flexible to assist during special off-hours by request with advance notice.

Assigned staff will perform inspection services, as needed, to verify that the work of construction is in conformance with the approved project plans as well as identifying issues of non-compliance with applicable building and fire codes. Our field inspection services will include site inspections and writing legible and understandable correction and violation notices and field reports. In addition, we will be available to answer in-person or telephone inquiries.

We understand that municipal codes are frequently updated, so we will ensure that the projects we are inspecting are compliant with current code requirements. More specifically, we will ensure compliance with Title 24 California Building Codes, parts 1, 2, 2.5, 3, 4, 5, 6, 8, 9, 10, 11 and 12, covering structural, fire prevention, life safety, disabled access, energy conservation, green building, plumbing, mechanical and electrical installations in residential, commercial, industrial, existing and historical buildings.

Interwest's ICC / CASp certified inspectors have performed both building and fire inspection services on a wide variety of construction projects including new residential developments, large custom homes, and commercial, institutional, assembly, essential service buildings and industrial projects. When necessary for large or fast-track projects, multiple inspectors are available.

Interwest's inspectors will provide field inspections including site inspections of projects to verify conformance with approved drawings and specifications which will include review of the permit documents to verify that onsite conditions are consistent with the approved documents for square footage, setbacks, heights and any other applicable conditions. At the completion of inspections, Interwest's inspectors will complete all necessary City forms and documents as required to provide seamless service.

We understand that personality and customer service is crucial to on-the-job success, therefore, we have selected inspectors who are well versed in customer service and skilled in dealing with people both at the public counter and in the field. All inspection personnel assigned will be ICC and / or CASp certified as required.

## Inspector Qualifications & Certifications

Interwest retains inspectors who are motivated to achieve the highest level of experience and



certification. We work hard to match your jurisdiction's level of safety and code compliance. All Interwest inspectors are ICC-certified.

Inspection personnel assigned will be able to read, understand and interpret construction plans, truss drawings and calculations, prepare and maintain accurate records and reports, communicate effectively orally and in writing and to work effectively with contractors, the public and general staff. Inspectors will possess knowledge of approved and modern methods, materials, tools and safety used in building inspection and the most current building standards.

### **Virtual Inspections**

Our staff has begun providing Remote Video Inspections (RVI), which allows for the inspection of a building or building systems using already available video technology. RVI is intended to be a complete and thorough inspection that meets the minimum requirements of the California Codes and local ordinances.

### **Inspection Schedule**

Interwest will work with your organization to provide inspection staff in a timely manner. Our inspectors are familiar with a multitude of jurisdictional scheduling and tracking systems and can quickly adapt to jurisdiction requirements. Emergency inspections (usually requests that pertain to a serious or urgent life/safety issue) can be provided as they are needed; nights, holidays, or weekends.



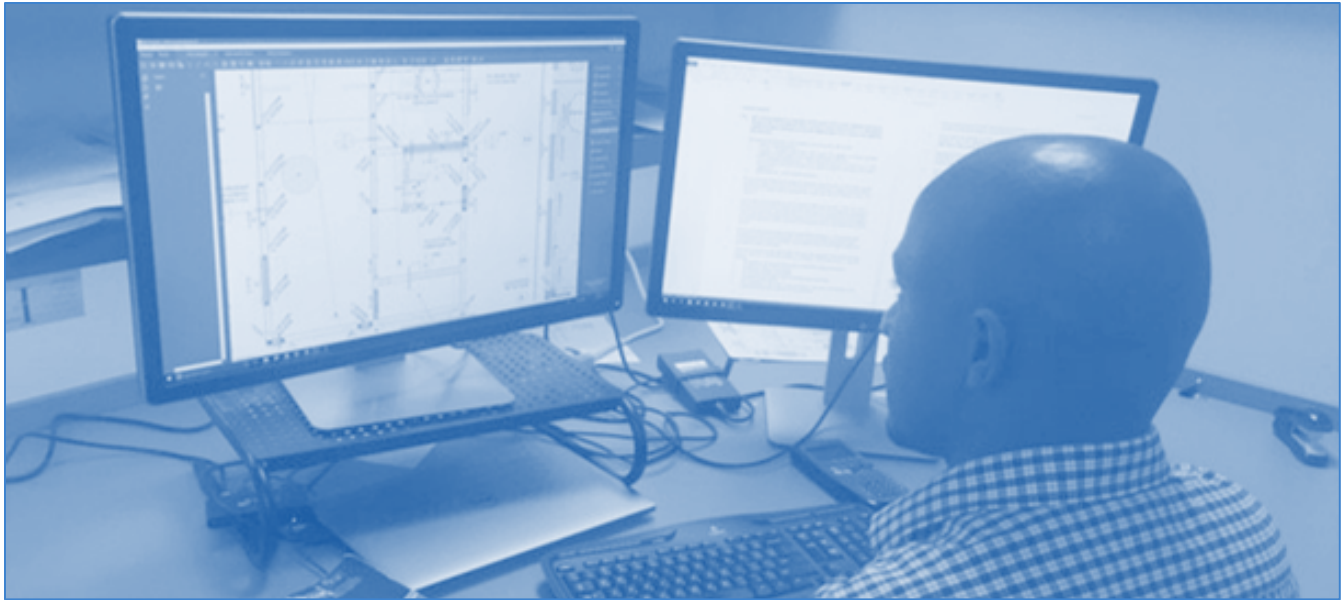
## Permit Technician Services

Permit technician services are crucial to the success of the entire building safety process as they are the first impression the public gets of your building department. Contact with the public at this initial point sets the tone for any additional interaction throughout the life of a project, whether engaging the homeowner, architect, developer, contractor, or other community members. Delivery of excellent customer service, maintaining a smooth flow of documents and plans throughout departments, and tracking and reporting are key elements to furnishing a first-rate, efficient, and memorable experience to your clients.

Our Building Permit Technicians will welcome and work closely with customers at the public counter answering all questions. They will provide information about permit applications, plan review and inspection requirements, will be excellent at organizing and maintaining the filing systems necessary for tracking in-progress applications, permits issued, plan check in progress, approved plans and any other information required by the City. Resumes for proposed Building Permit Technicians will be presented to the Chief Building Official for approval and acceptance before providing services.

Services provided by the Building Permit Technician may include:

- + Provide customer support and assistance at the permit center counter and over the phone.
- + Assist the public in completing permit applications and other necessary forms.
- + Determine permit, plan, and process requirements for permit applicants and notify the applicant when construction documents or permits are ready for pick up or issuance.
- + Answer questions quickly and correctly directly from the public via phone calls and emails.
- + Receive, process and issue building permits and coordinate the plan review and inspection process, including tracking, routing, and storage of plans.
- + Review permit applications and other pertinent information to verify accuracy and completeness of information.
- + Maintain a variety of public records and filing systems necessary for tracking in-progress applications, permits issued, plan checks in progress, approved plans, and other counter-related items.
- + Verify projects have obtained all necessary approvals before issuing permits and that the following have been filed with the City: valid contractor's license, works' compensation and valid business license information.
- + Review and approve less complicated non-structural plan checks over the counter.
- + Create public informational documents and handouts explaining technical issues or requirements for permit issuance, if needed.
- + Welcome and receive customers at the public services counter professionally and courteously.



## Permitting Software System and Electronic Plan Review

Interwest understands that the City is undertaking a process review to identify opportunities to streamline review and approval processes. If selected, Interwest would be happy to participate in this process or implement new directives resulting from this process. Our team can provide assistance with the configuration, implementation, and on-going support of the City's permitting software system, including online electronic permitting and plan check and can provide ongoing training available for consulting staff and City staff for full compliance with current building code standards, online software updates, and related issues. We have helped our clients in implementing a variety of streamlined permitting and plan check software and are confident in our ability to assist La Mesa with this process if requested.

We further understand that the City currently uses **MaintStar**, a cloud-based permitting software program with an online customer portal and embedded electronic plan review. If selected, our staff will utilize MaintStar as directed by the City. Our staff is familiar with many plan check and permitting platforms, which will make the training process quick and painless. Our team will assist City staff, as requested, with MaintStar permit, inspection, and fee configuration to support Building Division operations.

### Electronic Plan Check Services

Interwest currently provides electronic plan review services for multiple jurisdictions throughout California, and we are prepared to provide electronic plan check for the City. We are familiar with many electronic plan review platforms, including the platform used by the City of La Mesa.

We understand that our team will be required to use MaintStar for electronic plan checking services and will assist with the ongoing development of policies and procedures for electronic plan checking. The plan checkers assigned to the City will become quickly proficient in the use of MaintStar electronic plan review software to accommodate the public demand for electronic plan checking in accordance with maximum service delivery timeframes stated herein. Our staff is experienced providing electronic plan review. Our goal is always to collaborate with and support the building department by providing thorough, accurate and timely plan reviews.



## Engineering Plan Review

Interwest has the collective, diverse team of people and experience to perform a full range of plan check services. More importantly, we possess the knowledge and skills necessary to effectively integrate the necessary engineering services with the client's staff to create a design plan check process that is **coordinated, consistent, and predictable**.

All plan reviews will be evaluated by the project manager for quality control of the plan review, the level and quality of comments from the review, consistency with similar reviews, the avoidance of late hits or "gotcha" comments, the evaluation of the design professional's submittal and whether they are addressing prior comments or have justifiable reasoning in their designs that may allow deviations from standards, with City approval. The project manager will meet with the design professional and their client if prior comments are not being addressed. We have found this will get the process back on track or provide the project owner/client with a more realistic schedule based on their design professionals' actions.

The discussion above describes Interwest's philosophy and approach of "how" we do our work. A typical scenario for "what" we do related to the review and processing of plans, follows:

- + Provide **plan checking** relative to applicable codes and locally adopted standards.
- + **Collaborate with internal and external entities** relative to plan check comments.
- + Perform **sewer and storm drain review and impact/assessment fee assessment** for individual sites applying for development entitlements using the current City Sewer and Storm Drain Master Plans as a basis.
- + Review **hydrology and hydraulics reports and calculations** for individual sites based on City Master Plans of Drainage and County Hydrology Manual and City Standards.
- + Review **development, street improvement plans, grading plans, traffic related plans and documents, real property documents, and other similar plans** for conformance with City Codes, Standard Plan & Details, Greenbook Standard Specifications, ADA requirements and other related standards.

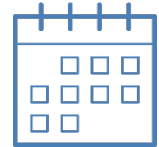




- + Review and comment on [Water Quality Management Plans, Erosion and Sediment Control Plans and Stormwater Pollution Prevention Plans](#).
- + Review and comment on [landscape and irrigation plans](#), specifically as they relate to the City's Water Conservation Ordinance, the Grading Code as well as proper establishment, and ongoing maintenance of slopes, drainage facilities and other infrastructure and plant materials.

## PLAN CHECK TIME FRAMES

Plan checking shall follow a set schedule of turnaround timeframes as established by the City. It is strongly expected that plan checks should not exceed three (3) total plan check cycles. Turnaround times are not to exceed the following:



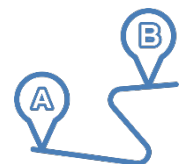
- + [First Check](#): Twenty (20) working days
- + [Second Check](#): Fifteen (15) working days
- + [Third Check](#): Ten (10) working days
- + Plans should be ready for approval and submitted in Mylar by [Fourth \(4\) Check](#).

Periodic meetings shall be scheduled to discuss plan check issues with the City's project engineers. Unless otherwise directed by City staff, no plan check shall be returned to the developer, or the developer's representative, until the City's project engineers have been updated on the status of the plan checks being returned.

For any reason, if a plan check is expected to exceed three (3) cycles, Interwest shall inform the City's engineering staff, and a meeting will be coordinated by Interwest staff and developer to resolve outstanding issues. This is usually foreseen after the second submittal so as to get the review "back on track" and avoid further delays and added costs to the city and project. To the extent feasible, Interwest shall perform a thorough review with the first submittal of plans to avoid new comments on any subsequent submittals.

## TRANSPORTING PLANS

For any plans not checked electronically, Interwest will arrange for all pick-up and delivery of plan review documents from the City at **no additional cost**. Interwest uses varied methods of pick-up and delivery with the goal of providing same-day service.



## PLAN CHECK COMMUNICATION

Plan reviews, when not immediately approved, will result in a list of comments referring to specific details and drawings, and referencing applicable code sections. Interwest will provide a clear, concise, and thorough document (i.e., comment list) and redlined plans from which clients, designers, contractors, and owners can work. Each comment list will include the name and contacts information for the person or persons who completed the review. Comment lists and redlined plans will be delivered to our clients and other designated recipients (e.g., designers, contractors, owners). Upon approval of submitted plans, Interwest will certify in writing that the design is in substantial compliance with applicable local, state and federal requirements. A copy of the approved supporting documents and mylars with plan reviewers' initials shall be sent to the City at the end of the process.



Interwest's staff of engineers and plans examiners are always available and willing to discuss plan review status and/or issues for projects that we have reviewed with City staff, applicants, designers and/or contractors via meetings, phone, video conference, or e-mail as required to resolve issues. Voice mails, e-mails and faxes will be responded to as quickly as possible, usually within 24 hours.



## REVIEW CHECKLIST

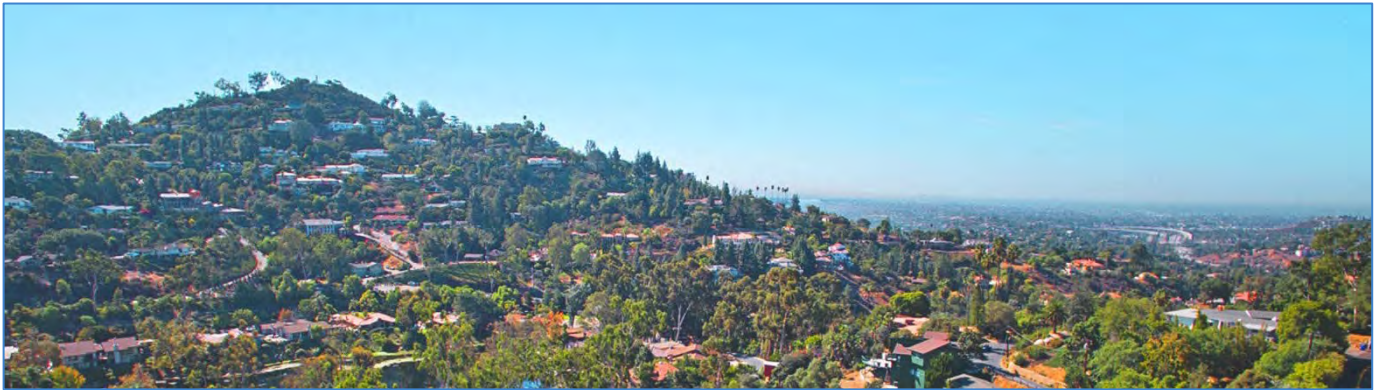
Interwest staff utilized their extensive experience with local government and their expansive network of relationships with local agencies, public utilities, and regional Councils of Government (COGs) to develop numerous checklists and plan-check process documents for client agencies to assist both our plan check engineers and developer's consultants in the plan submission and review process. Examples include:



- + Grading Certification and Compaction Report Review Checklist
- + Grading Plan Preparation Checklist
- + Grading Plans (Mass/Rough Grading) Checklist
- + Improvement Plan Submittals Checklist
- + Utility Plan Checklist
- + Legal Documents Submittals Checklist
- + Hydrology Report Checklist
- + WQMP Review Checklist
- + NPDES Construction Inspection Form
- + Tentative and Final Map Checklists

Interwest staff also use internal review checklists developed in Microsoft Excel for plan review of:

- |                          |                                  |
|--------------------------|----------------------------------|
| + Maps                   | + Storm Drains                   |
| + Mass Grading           | + Water Quality Basins           |
| + Rough Grading          | + Street improvements            |
| + Precise Grading        | + Sewer and Water Infrastructure |
| + Drainage and Hydrology | + Signing and Striping           |



## Hillside Development Review and Inspection Services

Interwest proposes to partner with subconsultant **Ninyo & Moore** to provide the necessary geotechnical expertise to provide hillside development review and inspection services. Ninyo & Moore is a California Corporation, minority-owned, multidisciplinary consulting firm that provides high-quality geotechnical and environmental consulting services. The firm was incorporated in 1986 to provide consulting services in geotechnical engineering, construction inspection and testing, engineering geology, hydrogeology, hazardous waste remediation and environmental assessment. **Ninyo & Moore currently provides geotechnical services to the City of La Mesa**, making them uniquely qualified to support our team in providing their services to the City.



**Geotechnical & Environmental Sciences Consultants**

Below is a brief overview of the services Ninyo & Moore will provide under this agreement.

Research and Document Review Services		
1	Establish Project Expectations	<ul style="list-style-type: none"> <li>Meet with City to develop scope of work, fee and deliverables.</li> </ul>
2	Project Management	<ul style="list-style-type: none"> <li>Each TA budget will be monitored in real-time (Deltek Vision). District notified at 50%, 75%, and 90% of TA budget. Budget amendment requests will be discussed with the City PM at the 75% mark and will be submitted (if warranted) at 90%.</li> </ul>
3	Research & Review	<ul style="list-style-type: none"> <li>Review pertinent available geologic and geotechnical reports and literature including the following. The client is requested to provide copies of documents in its possession.                             <ul style="list-style-type: none"> <li>Topographic maps,</li> <li>Geologic maps,</li> <li>City of San Diego Geologic Hazards Maps,</li> <li>Fault hazard maps prepared by the State of California,</li> <li>Stereoscopic aerial photographs, and</li> <li>Readily available geologic and fault hazard reports.</li> </ul> </li> </ul>
4	Data Analysis	<ul style="list-style-type: none"> <li>Perform engineering analysis of field and laboratory data to evaluate design parameters.</li> </ul>
5	Client Communication	<ul style="list-style-type: none"> <li>Client meeting where results of research and review are discussed prior to issuance of deliverables.</li> </ul>
6	Deliverables	<ul style="list-style-type: none"> <li>Prepare letter report or graphical presenting findings from research and review of project documents.</li> </ul>



## Stormwater and Grading Inspection Services

Interwest proposes to partner with subconsultant, **D-MAX Engineering, Inc.** (D-MAX), to provide the requested stormwater compliance services. D-MAX is a local environmental consulting firm that specializes in storm water services for municipalities in the San Diego Region. [D-MAX has provided stormwater services to the City of La Mesa since 1996](#) and has recently completed construction stormwater inspections for the nearby Cities of Chula Vista, National City, Lemon Grove, Santee, and Escondido.



D-MAX will provide training to City building inspectors on construction stormwater inspections, focusing on the types of activities and problems most likely to occur at work associated with building permits. Formal training sessions will be held quarterly, and D-MAX staff will also be available to answer questions from City inspectors as-needed. Training sessions will likely focus on practical examples of good and bad BMPs, using photos from actual inspections. This type of training helps engage inspectors in discussion and is more effective than high level discussion of erosion and sediment control principles.

D-MAX will also work with City staff to maintain the City's NPDES inventory of construction sites, including adding new sites when they begin work and marking sites as closed when work is finished. We anticipate this will be done either by obtaining lists of approved and closed out permits from the City on an at least monthly basis and/or regular meetings with City staff to get updates on the status of projects. To meet MS4 Permit requirements, the inventory will be updated at least quarterly. D-MAX will also work with City inspectors to ensure inspection results are recorded so that they can be used for stormwater annual reporting. D-MAX staff will also verify that the inventory and inspection record include all the information required by MS4 Permit Provision E.4.b.

[D-MAX has provided stormwater services to the City of La Mesa for over 25 years, and this experience will help our team effectively liaise with City staff on issues related to construction stormwater inspections and reporting.](#) D-MAX staff are also available to complete stormwater inspections directly when needed, either as regular inspections or periodic inspections to verify compliance in more detail. D-MAX staff have extensive experience with completing construction stormwater inspections for local municipalities, including the cities of Lemon Grove, National City, Santee, and Chula Vista. D-MAX staff also regularly work with regulators at the San Diego Water Board and have successfully represented several local agencies with Water Board audits and updating construction stormwater programs in response to Water Board comments.



# C | Firm Information and Qualifications

## Firm Background



*With a staff of more than 200 professionals in our Building and Safety Division, Interwest maintains the largest building and safety services staff in California.*

Interwest Consulting Group has extensive experience and a proven track record of successfully providing complete building department services to public agencies. We currently serve more than 300 public agencies, providing plan review and inspection services.

Interwest was founded by individuals with a passion for serving municipalities. Our company of nearly 500 employees span a multitude of disciplines, roles, and job placements to municipalities within building safety and public works departments throughout California.

Providing building department services is at the core of our business. We have highly qualified staff and extensive resources throughout the state. Interwest is comprised of licensed Civil and Structural Engineers, Electrical Engineers, Fire Protection Engineers, and Mechanical Engineers registered in the State of California, ICC Certified and highly qualified Plans Examiners, Certified Access Specialists (CAsp), licensed Architects, and other professionals specializing in providing complete building safety services to local government agencies in accordance with all relevant codes.



### Corporate Entity

Colorado Corporation, legally certified to conduct business in the State of California

### Years in Business

20 years of experience providing the requested services to municipalities.

### Project Office

9320 Chesapeake Drive | Suite 208 | San Diego, CA, 92123

*Only 11 miles from City Hall*

### Services Interwest Provides

- + Building Department Services
- + Municipal Engineering Services
- + City Planning Services
- + Construction Management
- + Traffic Engineering Services
- + Real Property Services





## Staff Identification and Qualifications

The Interwest personnel assigned to serve the City of La Mesa will be highly qualified and experienced in providing building safety plan check services to California municipal clients. Our proposed team is dedicated to providing first-class building department support services. Additional information on their background and experience have been included in their resumes in the *Appendix*.

Name / Role	License & Certification	No.
<b>LEADERSHIP</b>		
<b>David Kniff, AIA</b>	CA Registered Architect	C-19040
Plan Check Project Manager   Architect	CA General Building Contractor, Class B	707752
	TX Registered Architect	19798
	W12 National Building Contractor	
<b>Bill Elizarraras, ICC</b>	ICC CA Residential Mechanical Inspector	8727928
Field Inspection Services Project Manager	ICC CA Plumbing Inspector	8727928
	ICC Residential Building Inspector	8727928
<b>BUILDING OFFICIAL WITH PLAN CHECK CAPABILITIES</b>		
<b>Oscar Herrera, CBO, ICC</b>	ICC Residential Building Inspector	8407707
Building Inspector	ICC Residential Plumbing Inspector	8407707
	ICC Residential Mechanical Inspector	8407707
	ICC Residential Electrical Inspector	8407707
	ICC Residential Combination Inspector	8407707
	ICC Residential Plans Examiner	8407707
	ICC Permit Technician	8407707
	ICC Fire Inspector I	8407707
	ICC Commercial Building Inspector	8407707
	ICC Building Inspector	8407707
	ICC Residential Fire Sprinkler Inspector/Plans Examiner	8407707
	ICC Commercial Electrical Inspector	8407707
	ICC Electrical Inspector	8407707
	ICC Commercial Plumbing Inspector	8407707
	ICC Plumbing Inspector	8407707
	ICC Commercial Mechanical Inspector	8407707
	ICC Mechanical Inspector	8407707
	ICC Commercial Combination Inspector	8407707
	ICC Combination Inspector	8407707
	ICC Certified Building Official	8407707
	ICC Permit Specialist	8407707
	ICC Legal Module	8407707
	ICC Building Codes and Standards Module	8407707
	ICC Management Module	8407707
	ICC Building Plans Examiner	8407707
	ICC Building Code Specialist	8407707
	ICC Fire Plans Examiner	8407707
	ICC Residential Energy Inspector/Plans Examiner	8407707
	ICC Commercial Energy Plans Examiner	8407707
	ICC Accessibility Inspector/Plans Examiner	8407707
	ICC Master Code Professional	8407707
<b>BUILDING PLAN REVIEW (Building, Fire, Structural, MEP, CASp)</b>		
<b>Erich Kuchar, MS, PE</b>	CA Professional Civil Engineer	90430
Plan Review Engineer	ICC Building Plans Examiner	
	Cal EMA Post-Disaster Safety Assessment Evaluator Trained	



<b>Name / Role</b>	<b>License &amp; Certification</b>	<b>No.</b>
<b>Ali Sadre, SE, CASp</b> Structural Plan Review Engineer   Accessibility Plan Reviewer	Certified Access Specialist CA Registered Structural Engineer CA Registered Civil Engineer	CASp-861 S3715 C42877
<b>Scott Humphrey, ICC</b> Building Plans Examiner	IAEI Master Electrical Inspector ICC Combination Inspector ICC Commercial Combination Inspector ICC Building Inspector ICC Commercial Building Inspector ICC Electrical Inspector ICC Electrical Plans Examiner ICC Commercial Electrical Inspector ICC Mechanical Inspector ICC Commercial Mechanical Inspector ICC Plumbing Inspector ICC Commercial Plumbing Inspector ICC Residential Combination Inspector ICC Residential Electrical Inspector: ICC Residential Building Inspector: ICC Residential Plumbing Inspector ICC Residential Mechanical Inspector	CEI-M-166 5254664 5254664 5254664 5254664 5254664 5254664 5254664 5254664 5254664 5254664 5254664 5254664 5254664 5254664 5254664 5254664 5254664 5254664 5254664
<b>Martha McNicholas</b> Building Plans Examiner	FL Registered Professional Civil Engineer 20+ years of experience with utilities	
<b>Jingpei Zhang, EE</b> Electrical Engineer	CA Registered Professional Electrical Engineer	EE16243
<b>Augie Cerdan, FPE</b> Fire Plan Check Engineer	CA Registered Professional Fire Protection Engineer	FP1579
<b>Connor Reuss, ME, ICC</b> Energy Plans Examiner	CA Registered Professional Mechanical Engineer ICC Commercial Energy Plans Examiner	40536 8908763
<b>BUILDING INSPECTION SERVICES</b>		
<b>John Millbrandt, ICC</b> Building Inspector	ICC Combination Dwelling Inspector – Uniform Codes ICC Fire Inspector I	5234189 5234189
<b>Gordon Day, ICC</b> Building Inspector	ICC Plumbing Inspector ICC Plumbing Inspector UPC ICC Mechanical Inspector UMC ICC Combination Inspector ICC Mechanical Inspector ICC Building Inspector ICC Building Plans Examiner ICC Structural Masonry Special Inspector ICC Combination Inspector – Legacy ICC Electrical Inspector ICC Commercial Combination Inspector	1131567 1131567 1131567 1131567 1131567 1131567 1131567 1131567 1131567 1131567 1131567 1131567
<b>PERMIT TECHNICIAN SERVICES</b>		
<b>Ashleigh Herbert</b> Permit Technician	15 years of administrative experience serving governmental agencies	N/A
<b>STORMWATER/GRADING ENGINEERING</b>		
<b>Matt Simonetti, PE</b> Senior Civil Engineer	CA Registered Professional Civil Engineer	68340





<b>Name / Role</b>	<b>License &amp; Certification</b>	<b>No.</b>
<b>Kamran Saber, PE, QSD</b> Senior Civil Engineer	CA Registered Civil Engineer Qualified SWPPP Developer/Practitioner (QSD/QSP)	47567 24012
<b>HILLSIDE DEVELOPMENT REVIEW AND INSPECTION (Subconsultant: Ninyo &amp; Moore)</b>		
<b>Jeffrey T. Kent, PE, GE</b> Principal Engineer	CA Registered Civil Engineer CA Professional Geotechnical Engineer	66143 2817
<b>Nissa Morton, PG, CEG</b> Senior Project Geologist	CA Professional Geologist (PG) CA Certified Engineering Geologist (CEG)	8949 2655
<b>STORMWATER COMPLIANCE INSPECTION (Subconsultant: D-Max)</b>		
<b>John Draminski, EIT, CPESC, QSD/P</b> Assistant Project Engineer	Engineer-in-Training (EIT) Certification # Certified Professional in Erosion and Sediment Control (CPESC) Qualified SWPPP Developer (QSD)/Qualified SWPPP Practitioner	0420061662 9199 26970
<b>John Quenzer, MS, CPSWQ, QSD/P</b> Principal Scientist	Certified Professional in Storm Water Quality (CPSWQ) Qualified SWPPP Developer (QSD)/Qualified SWPPP Practitioner	693 24039
<b>Brittany Perkins</b> Staff Scientist II	QSD/P in progress; hands-on experience conducting storm water inspections at construction sites, businesses, and municipal facilities	



## D | References

In addition to the form required, below we have provided a sampling of clients for which Interwest has provided services similar to those required by the City of La Mesa.

### **City of Encinitas // Building Department Services**

ROY SAPAU, DIRECTOR OF COMMUNITY SERVICES | 760.633.2734 | RSAPAU@ENCINITASCA.GOV



Interwest and our sister company, EsGil, provide Building Plan Review, Inspection, and Permitting Services to the City of Encinitas. Encinitas is a beach city of 63,000 located near San Diego, California. Known for its pristine beaches, prime surfing, historic architecture, beautiful parks and livability, the Encinitas area takes pride in its history, cultural arts, and support of immigrants and refugees. We provide the following on-time and within budget services for the City, including:

- + Plan Check Engineers, Building Plan Review, including Plumbing, Mechanical, Electrical, Accessibility
- + Next-Day Inspections
- + Counter and Permitting Services
- + Prepare ordinances, provide special studies, research, analysis, enforcement actions for the abatement of dangerous buildings, and provide emergency services and assistance during or after a disaster

### **City of Poway // Building Department Services**

BOB MANIS, DEVELOPMENT SERVICES DIRECTOR | 858.668.4601 | BMANIS@POWAY.ORG



Originally an agricultural area, today Poway serves as a residential community for the City of San Diego, earning it the nickname, "The City in the Country." Interwest, through our sister company EsGil, has provided residential and commercial Building Inspections, Building Plan Review, and Permit Technicians for the past 37 years, and currently provide a staff person who serves as the Building Official. We currently provide fire and life safety plan review and inspections, as well. The City of Poway has been a client for many years, and can attest to our ability to complete projects on-time and within budget. Recent notable Building Plan Reviews include:

- + Ridgeview Business Park Industrial/R&D Buildings – Building Plan Review and Inspection



- + Outpost three-story Mixed-Use Building – Building Plan Review
- + General Atomics Tenant Improvement – Building Plan Review and Inspection

## City of Santee // Building Department Services

CHRIS JACOBS, PRINCIPAL PLANNER | 619.258.4100 X 182 | CJACOBS@CITYOFSANTEECA.GOV



Just 18 miles from the Pacific Ocean, Santee is a community with a population of 58,000 surrounded by abundance of open space and bisected by the San Diego River, parks and trails. Interwest, through our sister company EsGil, has been a partner to the City since 1981, providing full building department services, including a Deputy Building Official, plan check, Permit Technician/administrative services, inspection services, permitting software, emergency response services, and additional staffing resources for increases in activity levels. We provided Building Plan Review, Fire Review, and Building Inspections.

## City of Lake Forest // Building Department Services

GAYLE ACKERMAN, DIRECTOR, DEVELOPMENT SERVICES | 949.461.3460 | GACERMAN@LAKEFOREST.GOV



In April 2009, Interwest began providing turnkey building safety services to the City of Lake Forest [population 83,000]. Recognizing the value and cost benefits attributable to employing a contract services model, the City has contracted for building safety services since its incorporation in 1991. Interwest provides a team of on-site professionals that provide all building safety services—blending seamlessly with existing city staff. We provide a full-time building official, building plan reviewers, building inspectors, and a building permit counter technician.

During our tenure, Interwest staff has developed the City's first single, combination building permit, which allowed for the same permit number to address all of a structure's elements (electrical, mechanical, plumbing, and structural) requiring approval, greatly reducing hours and paperwork. We also introduced several key documents that have allowed staff to communicate efficiently, including a workflow tracking sheet to document approvals, a standardized monthly report using the City's EnerGov software, and several of the City's Building Safety handouts, reflecting current codes and standards.



**Civic Center Campus** - In April 2018, Interwest began providing complete turnkey Building and Safety services to the City of Lake Forest, particularly the Civic Center Campus. This 12.5-acre facility is the heart and social center of the Lake Forest community. The Civic Center Campus is comprised of the City Hall Building, Community Center, Council Chambers, Senior Center, and Parking Structure. The estimated cost of construction was approximately \$60 million. Although there was no formal RFP process, Interwest was selected to provide all plan check and inspection services. Our team at Interwest consisted of on-site professionals who delivered complete plan checks, engineering services, inspections, and electrical services. Fred Marzara, who serves as CBO for Lake Forest, was directly involved in the plan review of the parking structure as well as the other four buildings.

One challenge our team faced during implementation was ensuring the secure placement of the building's solar panels. Upon inspection, it was discovered that high winds caused the solar panels to be pulled upward and out of place continuously. Our Interwest team quickly reviewed the issue with the building's architectural designers and after collaborating, found a solution of adding extra pinpoint connectors in addition to the 4 pinpoints the solar panels already had, securing them in place on all sides.

## City of Pomona // Building Department Services

ANITA GUTIERREZ, AICP, DEVELOPMENT SERVICES DIRECTOR | 90.620.2421 |  
ANITA\_GUTIERREZ@CI.POMONA.CA.USA



Interwest Consulting Group began serving the City of Pomona [population 160,000] in September 2009. Traditionally a full-service City, Pomona examined several cost-saving strategies, including contracting for services that had historically been provided by in-house staff. Interwest Consulting Group successfully transitioned all building and safety services from the City's in-house staff and implemented new, streamlined processes and procedures. The change resulted in a higher level of service for the City's customers at significant cost savings to the City.

We currently provide the following on-site services:

- + Building Official
- + Building & Engineering Plan Review
- + Building and Safety Inspections
- + Permit Technician
- + Housing Abatement Enforcement
- + Front Counter Support
- + Administrative Services
- + Construction & Grading Inspection

## E | Onsite Work



*We are dedicated to providing your customers and community with the highest standard of customer service, including providing on-site services when the City requires.*

Interwest understands that Building Official, Inspection, and Permit Technician staff will be required to work on-site at La Mesa City Hall when necessary and as agreed upon with the City. Interwest is able to provide on-site staff in these positions, including administrative and counter services. All staff will be based from our local San Diego office – [just 11 miles away from City Hall](#) – making it easy for us to attend meetings at City Hall and add additional support to the City on-site during period of high workload.

We understand that some staff serving positions are required to work in La Mesa City Hall during the hours that City Hall is open to the public, Monday through Friday from 7:30 a.m. to 5:30 p.m., closed on alternative Fridays and certain holidays. We are also available to respond to emergency situations including structural assessments as required.

### **OFFSITE PLAN CHECK**

All plans examination services will be coordinated out of our local San Diego office performed either by a licensed Civil or Structural Engineer, or an ICC Certified Plans Examiner under the direction of a licensed Civil or Structural Engineer and / or licensed Architect.

For more complex projects, and when needed to meet peak workload demands, additional support can be provided from our other Southern California regional offices. Our plans examiners understand and are intimately familiar with applicable building codes and plan review procedures and policies and will readily assist with solutions to complicated plan review issues.

Our team also looks forward to reviewing and providing plan check comments digitally. We currently provide [electronic plan review services](#) to multiple jurisdictions throughout California and our staff is experienced providing electronic plan review utilizing MaintStar or other common electronic plan review systems at the City's direction. Our goal is always to collaborate with and support the building departments we serve by providing thorough, accurate and timely plan reviews.



## F | Firm Resources

Our team of qualified and appropriately licensed and certified staff will provide architectural, structural, plumbing, mechanical and electrical plan check review in the areas of residential, commercial, or industrial new construction; remodels; additions; green building; LEED, Onsite Wastewater Treatment Systems (OWTS); public nuisance abatement; Fire Code and Floodplain (FEMA) related plan checks. Plan reviewers will be available by phone, email, and in person as deemed appropriate to interface with applicants and City staff, provide insight on unique or challenging plan check or code interpretation issues, and to coordinate building permit requirements and interface with City Departments and other agencies, including Planning and Community Development, Public Works Department, City's Engineering Services consultant, Clean Water consultant, Fire Department, and the San Diego County Department of Environmental Health.

Our technical abilities relating to plan check disciplines, building inspection and permitting services have been described in detail in *Section B: Scope of Work*. What follows is a brief re-cap for each of the requested services.

### PERMIT SOFTWARE DATA ENTRY

Interwest has expertise with several platforms for permitting software and has helped cities implement a number of different programs. Our permit technician staff and building inspectors will use the City's preferred program to provide the data entry services required in a timely manner.

### PERMIT APPLICATION REVIEWS

Our counter staff will review permit applications for completeness when received. They will identify and collect all required fees for building permit applications and facilitate the collection of fees from other departments as applicable and input all relevant information in MaintStar and the City's cashing system.

All permit applications will be reviewed by our counter staff for completeness of the submittal and logged in for plan review, either over-the-counter by our on-site Building Official or inspection staff, or sent off-site to our San Diego office for remote plan review as appropriate. All staff will be appropriately certified and/or licensed in their discipline. Our Permit and Plan Review processes have been described in greater detail in Section B: Scope of Work.

### ARCHITECTURAL REVIEW

Interwest's non-structural plans examiners furnish plan review services for a vast array of projects including large residential, commercial, institutional, industrial, retail, and OSHPD 3 medical office buildings. Completed plan review projects range from single-story residential projects to complex high rise buildings and numerous building additions and remodels. We are experienced and familiar with the use and application of the most current editions of the following model codes: California Building Standards Code, International Building Code (IBC), Americans with Disabilities Act Standards for Accessible Design, ANSI Standards, NFPA Codes & Standards, CA Code of Regulations (CCR) Titles 19 and 25, and Jurisdiction-adopted amendments or ordinances.

### STRUCTURAL REVIEW

Our California-licensed Structural Engineers have experience designing and reviewing projects utilizing virtually all building materials: Wood, Masonry, Heavy Timber / Timber Frame, Concrete, Structural Steel, Cold-Formed Steel Framing, Straw Bale, Rammed Earth, and Aluminum.

Our engineers have designed or reviewed a wide array of lateral force resisting systems including Steel Moment Frames, Buckling Restrained Braced Frames, Eccentric Braced Frames, Concentric Braced



Frames, Concrete Moment Frames, Wood Shearwall Systems, Masonry Shearwall Systems, Concrete Shearwall Systems, Cantilevered Column Systems, and Various Proprietary Lateral Force Resisting Systems.

Our structural engineers are experienced with the provisions of most model codes including, but not limited to, current versions of: CCR Title 24, Part 2, Volume 2, International Building Code (IBC), AISC 341, 358 and 360, ASCE 7, ASCE 41, AISI Standards for Cold Formed Steel, ANSI / AF&PA NDS for wood framing, ACI 318, ACI 530 / TMS 402/602, CA Historic Building Codes, and CA Existing Building Codes.

### **MECHANICAL, PLUMBING, AND ELECTRICAL REVIEW**

Interwest's California-licensed Mechanical and Electrical Engineers and ICC Certified Plans Examiners are well-versed in the application California Mechanical, Plumbing, Electrical, Energy and Green Building Standards Codes and will verify that projects that they review demonstrate compliance with applicable code provisions.

### **ACCESSIBILITY REVIEW**

All of our CAsp-Certified professionals are knowledgeable of state and federal accessibility laws and regulations and possess the expertise necessary to promote access to facilities for persons with disabilities. Our goal is to provide experts in the industry who can perform services for building departments in a seamless manner by customizing our services to correspond with our client's expectations and needs. We work collaboratively with our clients to resolve plan review and inspection related issues as efficiently as possible, ultimately resulting in an expedited process and successful project.

Our architects and plans examiners are fully trained and familiar with CA Building Code Accessibility requirements and ADA compliance regulations and are available for plan review, inspections and/or evaluations and consultation. We offer support to municipalities for compliance enforcement and/or developing a transition plan, and successfully partner with the disabled community to address the needs and requirements for both entities. We can assist our clients in interpreting various issues relating to access compliance, such as access compliance obligations, transition planning, construction costs, construction phasing, code/law interpretation, hardship and code/law changes.

### **SOILS AND GRADING**

Interwest has a collective, diverse team of professional licensed and QSP certified staff with the experience to perform the full range of Civil and Grading Plan Review services. More importantly, we possess the knowledge and skills necessary to effectively integrate our services with City requirements for review of grading and drainage plans. Review includes evaluation of required reports, studies, grading and improvement plans, and design professional's recommendations; engineering review of grading permit applications is highly dependent upon the complexity and location of the proposed grading. A single lot entitled commercial grading permit application will be reviewed differently from a hillside lot or subdivision, or a project adjacent to a drainage corridor; soils reports will be evaluated, and confirmation of recommendations will be verified for compliance with the plans. Boundary conditions will be evaluated to maintain continuity with surrounding properties and maintain existing drainage patterns; Construction erosion control and post construction water quality control will be reviewed for compliance with the storm water quality management permit in effect.

### **LEED REVIEW**

Our team has the ability to provide LEED review services. Developed by the US Green Building Council (USGBC), LEED provides building owners and operators a framework for identifying and implementing measurable green building design, construction, operations and maintenance solutions. LEED certification consists of a number of different rating systems that apply to many building types



commercial as well as residential and measures how well a building performs across many sustainability metrics including: energy savings, water efficiency, CO2 emissions reduction, improved indoor environmental quality, and stewardship of resources and sensitivity to their impacts.

### **ENERGY COMPLIANCE**

Our engineers and plan reviewers are up to date on all California Energy Code requirements as they relate to both new and remodel of residential and commercial projects. The Energy Efficiency Standards for Residential and Nonresidential Buildings were established in 1978 in response to a legislative mandate to reduce California's energy consumption. These standards are updated periodically to allow consideration and possible incorporation of new energy efficiency technologies and methods.

### **FLOOD ZONES**

Our staff of engineers and plans examiners have experience in providing plan reviews for projects located in flood zones, drainage corridors and other areas prone to flooding. Our staff has provided numerous plan reviews for projects located in flood zones using FEMA's Technical Bulletins as well as the local jurisdiction's ordinances. In addition, members of our staff have participated in state-sponsored committees to establish guideline and regulations for construction in areas designated as flood zones.

### **OSHPD 3**

Our staff of plans examiners has extensive experience in providing plan reviews for OSHPD 3 projects. Our staff is well versed with the OSHPD 3 requirements contained in the California Building Code. We also employ an OSHPD certified inspector who has recently provided inspection services on behalf of our clients for hemodialysis, outpatient surgery, hyperbolic chamber and general medical clinics.

### **FIRE CODE PLAN REVIEW**

We have a complete staff of experienced and licensed professional fire protection plans examiners and inspectors for your fire life safety needs. Our staff can check plans for compliance with all applicable fire code and standard requirements, including but not limited to the following: ICC Fire Code, Uniform Fire Code, California Fire Code, Life Safety Code, NFPA standards and your local/regional amendments.

Our Fire Plans Examiners and Inspectors are well versed in the use and application of the following model codes, standards and regulations: California Fire Code (CFC), California Building Code (CBC), Local amendments and policies related to the CFC and CBC, Adopted National Fire Protection Standards, California Health and Safety Code, Appropriate listings (CSFM, U.L., etc.) for common systems and materials, Fire Department Standards, National Fire Protection Referenced Standards pursuant to the above Codes, and Municipal, State or Federal regulations enforced by Fire Departments and Fire Districts.

### **OWTS REVIEW**

Our staff can provide review of Onsite Wastewater Treatment Systems (OWTS) plans as required. Our proposed team includes several QSP/D licensed individuals as well as Civil Engineers who have in depth experience providing water plan review services.

### **GREEN BUILDING REVIEW**

Our staff is familiar with the incorporation of CALGreen building criteria into project designs and the resulting potential impact as related to the building codes. In addition, staff members have participated in the development of various "green" standards for super adobe, rammed earth, and straw bale construction, to name a few.





## **PUBLIC NUISANCE ABATEMENT REVIEW**

Typical services include preparing abatement cases for and testifying in public hearings and court proceedings on behalf of the City and serving as a resource and providing information on City regulations to property owners, residents, businesses, the general public, and other City departments and divisions. Our inspection staff will be available to support the City's Code Enforcement staff in public nuisance abatement as directed and deemed appropriate by the City and Interwest.

## **BUILDING INSPECTIONS**

Our team consists of ICC Certified Inspectors covering the disciplines of Building, Mechanical, Plumbing, Electrical, Fire Life Safety, accessibility and Green Building inspections. We have also partnered with D-MAX to provide stormwater compliance inspection services. More information on the inspection services we provide can be found in *Section B: Scope of Work* and in *Section H: Inspections*.

## **PUBLIC COUNTER SERVICES**

Public counter services are crucial to the success of the entire building safety process as they are the first impression the public gets of your building department. Contact with the public at this initial point sets the tone for any additional interaction through the life of a project whether engaging the homeowner, architect, developer or contractor or other community member. Delivery of excellent customer service, maintaining a smooth flow of documents and plans throughout departments, and tracking and reporting, are all key elements to furnishing first-rate, efficient and a memorable experience to your clients.

Our Counter Technician will welcome and work closely with the customers at the public counter answering all questions. They will provide information about permit applications, plan review and inspection requirements, will be excellent at organizing and maintaining the filing systems necessary for tracking in-progress applications, permits issued, plan check in progress, approved plans and any other information required by your jurisdiction.

More information on counter assistance and permit technician services can be found in *Section B: Scope of Work*.

## **ASSISTANCE TO CITY CODE COMPLIANCE STAFF**

Our inspection staff will be available to support the City's Code Compliance/Enforcement staff as directed and deemed appropriate by the City and Interwest.

## **SUPERVISION AND LEADERSHIP**

The services we provide are always closely coordinated and monitored to ensure we meet or exceed the service levels desired by the City, but also stay within the financial capacity of your operating budget. We have broad experience and hands-on knowledge of municipal budgeting, specifically related to expenditures and cost recovery associated with private development processing and permitting. We will work in close partnership with the City tailoring our services and deployment of staff resources to ensure exceptional services.

All of our personnel work collaboratively with consistent communication between staff members for advice, application of specific expertise and any unique project or client knowledge. Meetings to coordinate and update all staff on current projects are held weekly, in addition to any special meetings needed to address new developments or issues. We utilize a custom database to compile all client and project information as it relates to any services we perform. Our technical and administrative staff is



highly trained, attending seminars and educational conferences to keep current on up-to-date industry methods and information.

### **PREPARATION OF REPORTS, CODE UPDATES, HANDOUTS AND TRAINING MATERIALS**

Interwest creates reports, handouts and training materials for many of our clients. At the City's direction we can create and submit monthly, quarterly and annual reports of our activities, including reporting on SMIP allocations, staffing levels provided, staff hours expended, number of permits issued, number of inspections performed by type, and other relevant financial, operational, and statistical information.

Our staff will also process, establish, maintain and update all forms and handouts in compliance City requirements, regulations, adopted standards, State or other laws and ordinances necessary for the operation of the Building Division, including hand-out sheets explaining building permit application processing procedures.



## G | Turnaround Times

Below are our proposed maximum turnaround times for each identified assignment type outlined in the RFP.

Assignment Type	Maximum Turnaround Times:	
	First Check	Re-Checks
Processing and issuance of permits for minor alterations and additions	3 Working Days <i>(Can vary significantly by permit type; we will work with other City departments to process these in an expedited manner.)</i>	--
Processing and issuance of permits for Solar or ESS systems	3 - 5 Working Days	2 Working Days
Fire code compliance review	7 - 10 Working Days	5 Working Days
Processing and issuance of permits for single-tenant dwellings	10 Working Days	5 Working Days
Processing and issuance of permits for multi-tenant dwellings	10 Working Days	5 Working Days
Processing and issuance of permits for commercial construction <u>under</u> 10,000 square feet	10 Working Days	5 Working Days
Processing and issuance of permits for commercial construction <u>over</u> 10,000 square feet	15 Working Days or as negotiated at the time of submittal based on complexity of the project and the City's desire to expedite.	

### MAXIMUM SERVICE DELIVERY TIMEFRAMES

We will maintain the City's required turnaround times as presented in the RFP and below.

Service	Timeframe for delivery
Major plan checks	2 weeks (10 working days)
Subsequent plan checks:	1 week (5 working days)
Minor plan checks and single-story homeowner additions:	3 working days if submitted into plan check or over the counter
Building inspection:	The following workday if request is received before 4:30PM on the prior working day
Required monthly, quarterly, and annual Building Fee and activity reporting (SMIP, HUD reporting, etc.)	As required by state and/or federal regulation
Water Quality Inspections:	As required by NPDES Permit
Water Quality Annual Reporting:	As required by NPDES Permit
Maintenance of NPDES Site Inventory:	As required by NPDES Permit
Permit assistance at the public counter:	Average within 10 minutes of customer arrival
Return of telephone calls and e-mails:	Within one business day
Monthly statistical accounting and preparation of plans for imaging:	Completed at the end of each month

## H | Inspections



Interwest staff will conduct building, mechanical, electrical, plumbing, accessibility, and Green Building inspections for building-related permits. Our assigned inspectors will be ICC-certified Building Inspectors knowledgeable of all applicable Federal, State and City building and safety codes/ordinances, floodplain (FIRM/FEMA) design standards, and NPDES requirements. Our inspections are based on City ordinances, current building codes, adopted amendments, as well as other specific additional City requirements, throughout the various stages of construction.

Inspection personnel assigned will be able to read, understand and interpret construction plans, truss drawings and calculations, prepare and maintain accurate records and reports, communicate effectively orally and in writing and work effectively with contractors, the public and general staff. Inspectors will possess knowledge of approved and modern methods of construction, materials, tools, and safety procedures used in building inspection and the most current building standards. Our inspectors are familiar with the City's scheduling and tracking systems and will maintain and update all databases per City requirements.

As noted in *Section B: Scope of Work*, our assigned **building inspection** staff will:

- + Provide building inspection services and building/construction site inspection during the course of construction to verify and enforce compliance with approved plans, conditions of approval as set forth on the plans corresponding to the issued permit, and applicable provisions of the City's ordinances and Codes, including code compliance with stormwater management requirements for construction sites
- + Resolve Code interpretation issues in the field.
- + Possess three or more years of experience as a Combination Building Inspector
- + Provide inspectors with an ICC Certification as a Combination Building Inspector
- + Provide inspectors with solution-oriented customer service experience with a wide range of customers including developers, contractors, homeowners, business owners and City staff

As noted in *Section B: Scope of Work*, assigned **stormwater compliance inspection** staff will:

- + Oversee maintenance of NPDES site inventory and annual reporting
- + Ensure the regular inspection and monitoring of construction sites City-wide for compliance with Stormwater Pollution Prevention Plan (SWPPP) requirements and BMP compliance verification
- + Provide quarterly training to building inspectors assigned to the City; and
- + Serve as liaison to City staff
- + Possess a certification as a Qualified SWPPP Practitioner or Developer (QSP/D), or perform work under the supervision of a certified QSP/D if providing stormwater compliance inspections



# I | Fees

## Percentage of Fees

For the comprehensive building department services as identified in this proposal, Interwest proposes to charge 79% of the combined building department plan review and building permit fees charged by the City in accordance with the City of La Mesa’s building fee schedule as adopted by the City. This percentage of fee is based on our understanding of the support required by the City as detailed in the RFP. A final percentage of fee will be negotiated based on the actual number and types of positions determined to be required to provide onsite building department and inspection services. This percentage will be mutually agreed upon by the City of La Mesa and Interwest Consulting Group.

This percentage does not include fire plan check services, engineering/grading plan review services, or subconsultant services which will be charged at the hourly rates listed in the Schedule of Hourly Billing Rates on the following page.

## Alternative Fee Schedules

It is our understanding that the City’s preferred approach is a percentage of fee for all building services; however, we have presented the following alternative pricing options for your consideration.

### ALTERNATIVE FEE SCHEDULE 1: PLAN CHECK FOR A PERCENTAGE OF FEE AND ALL OTHER SERVICES PROVIDED HOURLY

If the City would prefer, we can alternatively provide plan review services at a percentage of fee and all other services hourly at the rates listed in the Schedule of Hourly Billing Rates below.

Interwest will coordinate transportation of plans between the City’s office and our San Diego office at no additional charge to the City. Our staff will coordinate our plan review services with the City to ensure plan review services are performed seamlessly. For plan review services performed in our offices, we propose the following fixed fees as a percentage of the City’s plan review fees:

#### FIXED FEE PLAN REVIEW FEES

Type of Plan Review	Fixed Fee
Complete Building Plan Review (Residential and Commercial) .....	67%
Expedited Plan Reviews .....	140% of the listed fee
Fire, Civil, Grading, and Stormwater Plan Review .....	Hourly Per Schedule of Hourly Billing Rates

Please note that the fixed fees stated above include an initial plan review plus two re-checks. Additional re-checks beyond the third review will be charged on an hourly basis using the Schedule of Hourly Rates shown below with prior approval from the City. **Expedited plan reviews** will be provided at a rate of 140% of the fees shown above and will be completed in one-half the timeframes proposed for non-expedited plan reviews. In addition to the fees noted above, we propose the following terms and conditions:

- + For the review of deferred submittals such as truss calculations, stairs, etc., submitted after the projects have been approved, we propose to complete the reviews on an hourly basis utilizing the Schedule of Hourly Billing Rates below.
- + For the review of revisions to previously approved drawings, we propose to complete the reviews on an hourly basis utilizing the Schedule of Hourly Billing Rates on the following page.

Interwest agrees to evaluate the plan check fee split at 6 months of start date to see if we can adjust. Due to salaries and unprecedented economics, we cannot adjust at this time.



**ALTERNATIVE FEE SCHEDULE 2: ALL SERVICES PROVIDED HOURLY**

At the City’s direction, we can also provide all services for on an hourly basis using the rates in the Schedule of Hourly Billing Rates outlined on the following page.

**Schedule of Hourly Billing Rates**

Beginning on the 1st anniversary of the Effective Date of the Agreement and annually thereafter, the hourly rates listed below shall be automatically increased based upon the annual increase in the Department of Labor, Bureau of Labor Statistics or successor thereof, Consumer Price Index (United States City Average, All Items (CPI-U), Not Seasonally adjusted, All Urban Consumers, referred to herein as the “CPI”). Such increase shall not exceed 5% per annum. The increase will become effective upon publication of the applicable CPI data. If the index decreases, the rates listed shall remain unchanged.

<b>Classification</b>	<b>Hourly Billing Rate</b>
<b>Building Department Services</b>	
Certified Building Official.....	\$150
Licensed Plan Review Engineer (structural, civil, electrical, mechanical) / Architectural.....	\$145
Senior Plans Examiner.....	\$130
CASp.....	\$120
Inspector.....	\$95
Permit Technician.....	\$75
Fire Protection Engineer.....	\$145
Senior Fire Plans Examiner.....	\$125
Fire Plans Examiner / Fire Inspector.....	\$110
ICC Building Plans Examiner.....	\$110
<b>Engineering</b>	
Project Manager.....	\$190
Supervising Engineer.....	\$185
Senior Engineer.....	\$175
Licensed Land Surveyor.....	\$180
Engineering Associate.....	\$145
Engineering Technician.....	\$115
Grading Plans Examiner.....	\$150
Construction Manager.....	\$165
Senior Public Works Observer.....	\$150
Public Works Observer.....	\$140

- *Inspection and on-site services provided in excess of regular hours per day, nights and weekends will be invoiced at 140% of the above fees. There will be a minimum eight (8) hour fee for each day staff are requested to work in the City’s office*
- *Expedited plan check available upon request.*

**Subconsultant Fee Schedules**

In the following pages, we have provided fee schedules for our subconsultants who will be used as needed and whose services will be charged to the City on an hourly basis.



## D-MAX: Fee Schedule for Stormwater Compliance Inspection Services

Name	Title	Hourly Rate (\$)
John Quenzer	Principal Scientist	\$220
John Draminski	Assistant Project Engineer	\$162
Brittany Perkins	Staff Scientist II	\$129

Notes:

1. Mileage will be charged at the current IRS rate and is not included in the above hourly rates.
2. We assume all work under this contract will not be subject to prevailing wage.

### Classification

### Hourly Billing Rate

Word Processor / Admin .....	\$80
Drafter .....	91
Technician.....	106
Senior Technician .....	117
Staff Scientist I .....	129
Staff Scientist II .....	150
Assistant Project Scientist.....	166
Project Scientist .....	189
Senior Scientist.....	220
Principal Scientist.....	129
Staff Engineer I .....	142
Staff Engineer II .....	162
Assistant Project Engineer.....	179
Project Engineer .....	205
Senior Engineer.....	235

- + Field and hourly services will be charged portal to portal from our office.
- + Appearance as expert witnesses at court trials, mediation, arbitration hearings and depositions will be charged at \$330/hour. Time spent preparing for such appearances will be charged at the above standard hourly rates

### OTHER CHARGES

Other project-specific costs, such as rentals, expendable or special supplies, special project insurance, permits and licenses, shipping, subsistence, tolls and parking, outside copying/printing, etc., will be charged at cost plus 15%. Mileage will be charged at the current IRS rate. Meals, lodging, and travel expenses, when pre-approved by the City, will be charged at cost or at standard per diem rates, as applicable.

Client will be responsible for any applicable taxes in addition to the fees due for Services.



## Ninyo & Moore: Fee Schedule for Hillside Development Review and Inspection Services

<b>Schedule of Fees</b>	
<b>Hourly Charges for Personnel</b>	
<b>Professional Staff</b>	
Principal Engineer/Geologist/Environmental Scientist .....	\$204.61
Certified Industrial Hygienist.....	\$204.61
Senior Engineer/Geologist/Environmental Scientist .....	\$193.12
Senior Project Engineer/Geologist/Environmental Scientist .....	\$187.37
Project Engineer/Geologist/Environmental Scientist.....	\$149.44
Senior Staff Engineer/Geologist/Environmental Scientist .....	\$126.45
Staff Engineer/Geologist/Environmental Scientist.....	\$114.95
GIS Analyst .....	\$133.34
Technical Illustrator/CAD Operator .....	\$ 91.96
<b>Field Staff</b>	
Certified Asbestos Consultant, Lead Inspector/Assessor, Lead Project Monitor .....	\$187.37
Certified Site Surveillance Technician, Lead Sampling Technician .....	\$144.84
Field Operations Manager.....	\$128.74
Supervisory Technician.....	\$112.65
Nondestructive Examination Technician (UT, MT, LP).....	\$112.65
ACI Concrete Technician.....	\$112.65
Special Inspector (Concrete, Masonry, Structural Steel, Welding, and Fireproofing) .....	\$112.65
Senior Field/Laboratory Technician .....	\$109.21
Field/Laboratory Technician .....	\$109.21
<b>Administrative Staff</b>	
Information Specialist .....	\$89.66
Geotechnical/Environmental/Laboratory Assistant.....	\$87.36
Data Processor, Technical Editing, or Reproduction .....	\$57.48
<b>Other Charges</b>	
Concrete Coring Equipment (includes technician).....	\$206.91/hr
Anchor Load Test Equipment (includes technician) .....	\$111.51/hr
X-Ray Fluorescence.....	\$330.00/day
PID/FID .....	\$154.00/day
Hand Auger Equipment .....	\$71.50/day
Inclinometer .....	\$44.00/hr
Vapor Emission Kit.....	\$44.00/kit
Level D Personal Protective Equipment (per person per day).....	\$33.00/p/d
Rebar Locator (Pachometer) .....	\$33.00/hr
Nuclear Density Gauge.....	\$16.50/hr
Field Vehicle .....	\$13.20/hr
Direct Expenses .....	Cost plus 10 %
Laboratory testing, geophysical equipment, and other special equipment provided upon request.	
<b>Notes</b>	
<p>For field and laboratory technicians and special inspectors, regular hourly rates are charged during normal weekday construction hours. Overtime rates at 1.5 times the regular rates will be charged for work performed outside normal construction hours and all day on Saturdays. Rates at twice the regular rates will be charged for all work in excess of 12 hours in one day or on Sundays and holidays. Lead time for any requested service is 24 hours. Field Technician rates are based on a 4-hour minimum. Special inspection rates are based on a 4-hour minimum for the first 4 hours and an 8-hour minimum for hours exceeding 4 hours. Field personnel are charged portal to portal.</p> <p>Invoices will be submitted monthly and are due upon receipt. A service charge of 1.0 percent per month may be charged on accounts not paid within 30 days.</p> <p>The terms and conditions of providing our consulting services include our limitation of liability and indemnities as presented in Ninyo &amp; Moore's Work Authorization and Agreement.</p> <p>*Indicates rates that are based on Prevailing Wage Determination made by the State of California, Director of Industrial Relations on a semiannual basis. Our rates will be adjusted in conjunction with the increase in the Prevailing Wage Determination during the life of the contract.</p>	





**Schedule of Fees for Laboratory Testing**

**Laboratory Test, Test Designation, and Price Per Test**

**SOILS**

Atterberg Limits, D 4318, CT 204.....	\$176.00
California Bearing Ratio (CBR), D 188 .....	\$533.50
Chloride and Sulfate Content, CT 417 and CT 422 .....	\$192.50
Consolidation, D 2435, CT 219.....	\$330.00
Consolidation – Time Rate, D 2435, CT 219.....	\$82.50
Direct Shear – Remolded, D 3080 .....	\$357.50
Direct Shear – Undisturbed, D 3080 .....	\$302.50
Durability Index, CT 229.....	\$181.50
Expansion Index, D 4829, IBC 18-3 .....	\$198.00
Expansion Potential (Method A), D 4546 .....	\$176.00
Geofabric Tensile and Elongation Test, D 4632.....	\$198.00
Hydraulic Conductivity, D 5084.....	\$363.00
Hydrometer Analysis, D 422, CT 203 .....	\$242.00
Moisture, Ash, and Organic Matter of Peat/Organic Soils.....	\$132.00
Moisture Only, D 2216, CT 226 .....	\$38.50
Moisture and Density, D 2937.....	\$49.50
Permeability, CH, D 2434, CT 220 .....	\$280.50
pH and Resistivity, CT 643 .....	\$192.50
Proctor Density D 1557, D 698, CT 216, & AASHTO T-180 (Rock Corrections Add \$100) .....	\$220.00
R-Value, D 2844, CT 301.....	\$324.50
Sand Equivalent, D 2419, CT 217 .....	\$121.00
Sieve Analysis, D 422, CT 202 .....	\$143.00
Sieve Analysis, 200 Wash, D 1140, CT 202.....	\$110.00
Specific Gravity, D 854.....	\$110.00
Thermal Resistivity (ASTM 5334, IEEE 442) .....	\$968.00
Triaxial Shear, C.D, D 4767, T 297.....	\$473.00
Triaxial Shear, C.U., w/Pore Pressure, D 4767, T 2297 per pt .....	\$401.50
Triaxial Shear, C.U., w/o Pore Pressure, D 4767, T 2297 per pt .....	\$231.00
Triaxial Shear, U.U., D 2850 .....	\$170.50
Unconfined Compression, D 2166, T 208 .....	\$132.00
Wax Density, D 1188 .....	\$110.00

**MASONRY**

Brick Absorption, 24-Hour Submersion, C 67.....	\$55.00
Brick Absorption, 5-Hour Boiling, C 67 .....	\$66.00
Brick Absorption, 7-Day, C 67.....	\$71.50
Brick Compression Test, C 67 .....	\$55.00
Brick Efflorescence, C 67.....	\$55.00
Brick Modulus of Rupture, C 67 .....	\$49.50
Brick Moisture as Received, C 67.....	\$44.00
Brick Saturation Coefficient, C 67 .....	\$60.50
Concrete Block Compression Test, 8x8x16, C 140.....	\$71.50
Concrete Block Conformance Package, C 90 .....	\$533.50
Concrete Block Linear Shrinkage, C 426 .....	\$148.50
Concrete Block Unit Weight and Absorption, C 140.....	\$66.00
Cores, Compression or Shear Bond, CA Code.....	\$66.00
Masonry Grout, 3x3x6 Prism Compression, C 39 .....	\$38.50
Masonry Mortar, 2x4 Cylinder Compression, C 109 .....	\$38.50
Masonry Prism, Half Size, Compression, C 1019 .....	\$132.00
Masonry Prism, Full Size, Compression, C 1019 .....	\$203.50

**REINFORCING AND STRUCTURAL STEEL**

Chemical Analysis, A 36, A 615.....	\$148.50
Fireproofing Density Test, UBC 7-6 .....	\$66.00
Hardness Test, Rockwell, A 370.....	\$77.00
High Strength Bolt, Nut and Washer Conformance, per Assembly, A 325.....	\$143.00
Mechanically Spliced Reinforcing Tensile Test, ACI .....	\$165.00
Pre-Stress Strand (7 wire), A 416 .....	\$187.00
Reinforcing Tensile or Bend Up to No. 11, A 615 & A 706 .....	\$60.50
Structural Steel Tensile Test: Up to 200,000 lbs. (Machining Extra), A 370 .....	\$88.00
Welded Reinforcing Tensile Test: Up to No. 11 bars, ACI .....	\$66.00



<b>Schedule of Fees for Laboratory Testing</b>	
<b>Laboratory Test, Test Designation, and Price Per Test</b>	
<b>CONCRETE</b>	
Compression Tests, 6x12 Cylinder, C 39 .....	\$27.50
Concrete Mix Design Review, Job Spec .....	\$170.50
Concrete Mix Design, per Trial Batch, 6 Cylinder, ACI .....	\$907.50
Concrete Cores, Compression (Excludes Sampling), C 42 .....	\$66.00
Drying Shrinkage, C 157 .....	\$385.00
Flexural Test, C 78 .....	\$71.50
Flexural Test, C 293 .....	\$66.00
Flexural Test, CT 523.....	\$88.00
Gunite/Shotcrete, Panels, 3 Cut Cores Per Panel and Test, ACI .....	\$302.50
Jobsite Testing Laboratory Quote.....	
Lightweight Concrete Fill, Compression, C 495 .....	\$49.50
Petrographic Analysis, C 856.....	\$2,090.00
Restrained Expansion of Shrinkage Compensation.....	\$297.00
Splitting Tensile Strength, C 496 .....	\$99.00
3x6 Grout, (CLSM), C 39 .....	\$49.50
2x2x2 Non-Shrink Grout, C 109.....	\$49.50
<b>ASPHALT CONCRETE</b>	
Air Voids, T 269.....	\$55.00
Asphalt Mix Design, Caltrans (excl. Aggregate Quality) .....	\$3,080.00
Asphalt Mix Design Review, Job Spec. ....	\$181.50
Dust Proportioning, CT LP-4 .....	\$55.00
Extraction, % Asphalt, Including Gradation, D 2172, CT 382 .....	\$264.00
Film Stripping, CT 302 .....	\$121.00
Hveem Stability and Unit Weight D 1560, T 246, CT 366 .....	\$236.50
Marshall Stability, Flow and Unit Weight, T 245 .....	\$264.00
Maximum Theoretical Unit Weight, D 2041, CT 309 .....	\$165.00
Moisture Content, CT 370 .....	\$93.50
Moisture Susceptibility and Tensile Stress Ratio, T 238, CT 371 .....	\$1,100.00
Slurry Wet Track Abrasion, D 3910 .....	\$165.00
SuperPave, Asphalt Mix Verification (Including Aggregate Quality) .....	\$5,720.00
SuperPave, Gyrotory Unit Wt., T 312 .....	\$82.50
SuperPave, Hamburg Wheel, 20,000 Passes, T 324 .....	\$1,100.00
Unit Weight Sample or Core, D 2726, CT 308 .....	\$110.00
Voids in Mineral Aggregate, (VMA) CT LP-2.....	\$55.00
Voids Filled with Asphalt, (VFA) CT LP-3 .....	\$55.00
<b>AGGREGATES</b>	
Clay Lumps and Friable Particles, C 142 .....	\$176.00
Cleanness Value, CT 227 .....	\$176.00
Crushed Particles, CT 205 .....	\$181.50
Durability, Coarse or Fine, CT 229 .....	\$214.50
Fine Aggregate Angularity, ASTM C 1252, T 304, CT 234 .....	\$198.00
Flat and Elongated Particle, D 4791 .....	\$242.00
Lightweight Particles, C 123 .....	\$198.00
Los Angeles Abrasion, C 131 or C 535 .....	\$220.00
Material Finer than No. 200 Sieve by Washing, C 117 .....	\$82.50
Organic Impurities, C 40.....	\$88.00
Potential Alkali Reactivity, Mortar Bar Method, Coarse, C 1260.....	\$1,045.00
Potential Alkali Reactivity, Mortar Bar Method, Fine, C 1260.....	\$1,375.00
Potential Reactivity of Aggregate (Chemical Method), C 289.....	\$495.00
Sand Equivalent, T 176, CT 217 .....	\$121.00
Sieve Analysis, Coarse Aggregate, T 27, C 136.....	\$126.50
Sieve Analysis, Fine Aggregate (Including Wash), T 27, C 136 .....	\$143.00
Sodium Sulfate Soundness, C 88.....	\$495.00
Specific Gravity and Absorption, Coarse, C 127, CT 206 .....	\$110.00
Specific Gravity and Absorption, Fine, C 128, CT 207 .....	\$176.00
<b>ROOFING</b>	
Roofing Tile Absorption, (Set of 5), C 67 .....	\$231.00
Roofing Tile Strength Test, (Set of 5), C 67.....	\$231.00
Special preparation of standard test specimens will be charged at the technician's hourly rate. Ninyo & Moore is accredited to perform the AASHTO equivalent of many ASTM test procedures.	



## J | Changes to Professional Services Agreement

The Interwest Contract and Legal team have carefully reviewed the contract terms presented in the Sample Agreement in the RFP and will be able to accept without modification.





# Appendix

## Staff Resumes

Complete staff resumes have been provided in the following pages.

## David Kniff, AIA

### ARCHITECTURAL PLANS EXAMINER

David has more than 30 years of practical experience as the Principal Architect of his own firm and as a General Contractor. He is an effective problem solver and can easily articulate solutions and complex problems. David has a deep understanding of current local, state and federal codes, and has prepared plans under IBC and CBC codes for many residential and commercial projects located in California and Texas.

### PROFESSIONAL HISTORY

#### **Senior CA. Plans Examiner Manager / Interwest Consulting Group / 2021 - Present**

#### **Architectural Plans Examiner / EsGil – A SAFEbuilt Company/ 2017 - 2021**

David started his SAFEbuilt career as an EsGil employee, working as an Architectural Plans Examiner serving cities throughout Southern California specifically in San Diego County. When EsGil merged with Interwest Consulting Group, David's expertise made him the perfect candidate to manage our plan check team throughout the state. David continues to provide architectural plan review for municipal clients, but also provides oversight for all plan check staff, manages status tracking to ensure agreed upon turnaround times are met, and provides quality control of plan check work products.

#### **Principal Architect / KEA Architecture - Development / 1987 - 2017**

David programmed, planned and completed the creation of design documents and streamlined the marketing and perspective client meetings. He oversaw the production of A/E, M/E/P construction documents through the permitting phases of work. David worked with governmental agencies that have jurisdiction over all of the company's projects resulting in great communication abilities.

#### **Project Manager / Architects Coombs - Mesquita / 1980 - 1987**

David oversaw a team of draftsman to create construction documents for commercial and industrial facilities. He created design documents from the sketches of the Principal Architects. David worked with various Engineer and Utility Consultants coordination with the Project Manager's drawings



A SAFEbuilt COMPANY

**Years of Experience: 30+**  
**Years w/ Interwest: 1**

#### **Education**

- Mesa Community College, 1983

#### **Registrations/Certifications**

- CA Registered Architect, C-19040
- CA General Building Contractor, Class B License, 707752
- TX Registered Architect, 19798
- W12 National Building Contractor

## Bill Elizarraras, ICC

### FIELD INSPECTION SERVICES MANAGER

#### PROFESSIONAL HISTORY

##### **Senior Building Inspector / Interwest Consulting Group (Previously EsGil) / 2017 - Present**

Bill oversees inspection services based from our San Diego office and manages field operations for six jurisdictions, which include three Native American reservations. He also provides staffing for two local jurisdictions in San Diego County.

##### **Field Supervisor / EsGil – A SAFEbuilt Company / 2015 - 2017**

Bill oversaw field operations and managed the field staff in local San Diego City projects.

##### **Field Supervisor / County of San Diego / 2015 - 2017**

Bill oversaw field operations and managed field staff in local San Diego City projects.

##### **Field Operations / EsGil Corporation / 2007 - 2015**

Bill helped field staff issue permits, building inspections and plan review in eight various San Diego cities.

##### **Building Inspector / County of San Diego / 1988**

Bill was the lead Building Inspector in charge of field training in commercial inspections and UBC, UMC, UPC and ADA field applications and code updates.

##### **Plans Examiner / County of San Diego / 1996 – 1998**

Bill's duties consisted of but were not limited to residential plan check, permit processing and issuance.

##### **Building Inspector / County of San Diego, Rural Areas / 1992 - 1996**

Bill's tasks consisted of code interpretations, field plan changes (saved customers long drives to offices), fire and residential plan check and inspections for San Diego County Jurisdiction areas.

##### **Building Inspector / County of San Diego / 1988 – 1992**

Bill's duties consisted of field inspections for single and multi-family residences' housing tracks and commercial buildings of all types and sizes.

##### **General Building Contractor / Self-Employed / 1978 – 1988**

Bill was a contractor designing, drafting and building single family dwellings and tenant improvements.



**INTERWEST**

A SAFEbuilt COMPANY

**Years of Experience: 32**

#### **Education**

- Studied Building Codes, Local College Schools, 1987
- Diploma, Edgewood High School, 1977

#### **Registrations/Certifications**

International Code Council (ICC) | 8727928

- ICC CA Residential Mechanical Inspector
- ICC CA Plumbing Inspector
- ICC Residential Building Inspector

## Oscar Herrera, CBO, ICC

Building Inspector | Building Official

Oscar is a Building Inspector with 19 years of experience in the building industry. He has a plethora of certifications and a diverse working background.

### PROFESSIONAL HISTORY

#### Building Inspector / EsGil – A SAFEbuilt Company / 2016 - 2020

#### Building Inspector / Interwest Consulting Group / 2021 - Present

Oscar began his SAFEbuilt career in 2016. When EsGil merged with Interwest Consulting Group, Oscar continued his position as Building Inspector where he performs field inspections in accordance with adopted codes, collaborates with other inspectors to discuss code information and code interpretations, and interprets and enforces the adopted building codes in a consistent manner for each jurisdiction assigned.

#### Premises Technician | Pacific Bell Telephone Company | 2011-2016

Oscar performs all necessary work within his job title for the installation and maintenance of DTV, IPTV, VoIP, and Internet services offered by AT&T under the U-Verse and DIRECTV brands. His duties include safely driving a company vehicle, utilizing a variety of hand tools as well as testing equipment, using idevices for multiple activities (communicating, testing and administrative duties), and effectively communicating and resolving issues with customers and AT&T employees from other departments.

#### President/Owner | Diroma, Inc. | 2003-2011

Oscar's primary function is that of a General Contractor involved in the construction of new single family custom homes. He works directly with homeowners to obtain building drawings, building permits and construction financing. Oscar oversees all phases of construction including the hiring of subcontractors, purchasing of building materials, and scheduling of all work performed.



A SAFEbuilt COMPANY

Years of Experience: 19

Years w/ Interwest: 1

#### Education

- Southwestern College, Chula Vista, CA
- San Diego City College, San Diego, CA

#### Registrations/Certifications

- ICC Residential Building Inspector
- ICC Residential Plumbing Inspector
- ICC Residential Mechanical Inspector
- ICC Residential Electrical Inspector
- ICC Residential Combination Inspector
- ICC Residential Plans Examiner
- ICC Permit Technician
- ICC Fire Inspector I
- ICC Commercial Building Inspector
- ICC Building Inspector
- ICC Residential Fire Sprinkler Inspector/Plans Examiner
- ICC Commercial Electrical Inspector
- ICC Electrical Inspector
- ICC Commercial Plumbing Inspector
- ICC Plumbing Inspector
- ICC Commercial Mechanical Inspector
- ICC Mechanical Inspector
- ICC Commercial Combination Inspector
- ICC Combination Inspector
- ICC Certified Building Official
- ICC Permit Specialist
- ICC Legal Module
- ICC Building Codes and Standards Module
- ICC Management Module
- ICC Building Plans Examiner
- ICC Building Code Specialist
- ICC Fire Plans Examiner
- ICC Residential Energy Inspector/Plans Examiner
- ICC Commercial Energy Plans Examiner
- ICC Accessibility Inspector/Plans Examiner
- ICC Master Code Professional

## Erich Kuchar, MS, PE

### PLAN CHECK ENGINEER

Erich is responsible for ensuring that all buildings are in the safety guidelines and ordinances when being planned out. Erich also analyses all structural designs and layouts of the building.

### PROFESSIONAL EXPERIENCE

#### **Plan Check Engineer / Interwest Consulting Group/ 2021 – Present**

While working at Interwest, Erich reviews all building and safety codes and checks that all plans follow the same guidelines.

#### **Plan Check Engineer / EsGil- A SAFEbuilt Company / 2019 – 2021**

While working at EsGil, Erich had to ensure that all future buildings followed the proper guidelines such as ordinances and codes when being planned out. These include all building safety measures and future inspections.

#### **Plan Check Engineer / DCI Engineers Inc. / 2014-2019**

Erich had to ensure all building codes were met. Below are a few responsibilities that Erich had:

- Structural Design
- Structural Inspection
- Earthquake/ Seismic Design and Analysis
- Gravity Design and Analysis
- Specializing in Wood, Concrete, and Steel Design
- Foundation Design
- Project Management
- Technical Report Writing
- Business Development and Client Relations
- Existing/ Retrofit Design/ Analysis
- Projects include Commercial Residential, Education, and Military

#### **Staff Civil Engineer / SCS&T Engineering Inc. / 2012-2014**

- AutoCAD Technical Drawing and Drafting
- Geotechnical Inspection
- Technical and Engineering Reports
- Liquefaction Analysis/ Pile and Foundation Design
- Soil and Materials Testing
- Project Management
- Projects include Commercial, Residential, Education, and Military



A SAFEbuilt COMPANY

**Years of Experience: 10+**

### Education

- San Diego University, B.S.C.E. & M.S.C.E. San Diego, CA

### Registrations/Certifications

- CA Professional Civil Engineer | 90430
- ICC Building Plans Examiner
- Cal EMA Post-Disaster Safety Assessment Evaluator Trained



## Ali Sadre, SE, CASp

### SENIOR LEAD STRUCTURAL ENGINEER

Ali reviews projects for compliance with the IBC and CBC, Title 24 for life-safety and structural design. The projects have included high-rise, multi-residential, commercial, schools, hospitals, hotels, casinos, sports arenas, essential facilities, hazardous occupancies, UC, or CSU projects, Port District, Federal, State, DOD, Navy & Department of Correction projects, tunnels, bridges & lifeline structures. This review demands thorough familiarity with structural and seismic provisions of the CBC, SEAOC Blue Book, State Historic & Existing Building Codes, ASCE-41, Tall Building Initiative and other design guidelines and standards for new buildings, as well as seismic strengthening of existing buildings.

### PROFESSIONAL HISTORY

#### Senior Lead Structural Engineer / EsGil – A Safebuilt Company / 1986 - Present

#### Government Consultant | Contractor

Ali served over 165 municipalities and state agencies in the United States.

### PROFESSIONAL AFFILIATIONS

- Elected as a fellow of the Structural Engineers Association of California (SEAOC) in 2017
- Seismic Safety Commissioner, 2007-2011
- President of SEAOSD, 2010-2011
- SEAOC Board of Directors Member, 2010-2012
- City of San Diego Board of Appeals Chairman, 2008 - 2014
- OSHPD Seismic Safety Board Member, 2008-2012
- Strong Motion Instrumentation Program Member, 2007-2011
- Seismology Committee of SEAOC '96-'97, Chairman
- Seismology Committee of SEAOSD '94-'95, Chairman
- Steel Sub-committee of SEAOSD '92-'94, Chairman
- Current, or former Member - ASCE, EERI and SEAOC

### ACCOMPLISHMENTS

- Authored Commentary in the 1998 SEAOC Blue Book on the Seismic Zone Coefficient and Near Source Factors due for publication in late 1998.
- Authored Commentary to the 1996 SEAOC Blue Book Provisions on EBF, SCBF and High Strength Reinforcing Steel in Concrete for High Seismic Zones.
- Authored a periodical called " Seismic Reconnaissance" circulated by SEAOSD 1994 - 1996
- Co-authored SAC Advisory # 3 published in 1995.



A SAFEbuilt COMPANY

Years of Experience: 30+

#### Education

- BS, CE, MSCE, Georgia Institute of Technology, Atlanta, GA, 1980

#### Registrations/Certifications

- State Certified Access Specialist (CASp-861)
- CA Structural Engineer, S3715
- CA Civil Engineer, C42877
- ME Civil Engineer, 15622
- WA Civil Engineer, 56625
- WA DC Structural Engineer, S9020118
- WA DC Civil Engineer, S920878

## Scott Humphrey, ICC

### PLAN CHECK ENGINEER

Scott has 33 years of work experience (approx. 20 years of supervisory experience) as a licensed journeyman electrician on residential, commercial & industrial sites. He specializes in code compliant building & electrical installations with extensive experience working with all aspects of renewable energy projects & generating stations.

### PROFESIONAL EXPERIENCE

#### Plans Examiner / Interwest Consulting Group / 2021 – Present

Scott has inspected a wide range of residential, commercial, and industrial installations to confirm compliance with various building codes.

#### Plans Examiner / EsGil- A SAFEbuilt Company / 2019 – 2021

Scott ensures that all building codes and ordinances are met in the planning process of a building.

#### Building Inspector / City of Chula Vista, CA

Responsible for several projects in Eastlake (Millenia) where inspected a wide range of residential, commercial, and industrial installations to confirm compliance with various building codes. Acted as the point of contact for reviewing/problem solving complex renewable energy/large electrical issues in the field and office. Additionally, had been tasked with assisting Department of Public Works with city owned projects where provided plan review, ensure at least minimum code compliance, write detailed corrections, and supply feedback to help avoid additional costs and/or rework. Assisted Department staff with complicated electrical plan reviews and/or provide technical input using various codes and standards.

#### Lead Electrical Engineer / LA County Utility Scale PV Projects

Manage all electrical field evaluations, and develop training for staff, including electrical continuing education for inspectors in all district offices. Perform installation inspections for 230kV and 69kV substations, reviewing a total of 1GW of renewable energy. Review field modified equipment, third party evaluation reports and special inspection reports as required by LA County Building and Electrical Codes. Develop and issue inspection deficiency reports to contractors and LA County. Provide daily and weekly written reports and presented issues to numerous contractors and LA County management.

#### Field Label Evaluator / Commercial & Electrical

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



A SAFEbuilt COMPANY

### Years of Experience: 33

#### Education

- Construction Industry Training Council of Washington Puget Sound Electrical Apprenticeship and Training Trust

#### Registrations/Certifications

- IAEI Master Electrical Inspector: CEI-M-166
- I.C.C. Combination Inspector: 5254664-C8
- I.C.C. Commercial Combination Inspector: 5254664-C5
- I.C.C. Building Inspector: 5254664-B5
- I.C.C. Commercial Building Inspector: 5254664-B2
- I.C.C. Electrical Inspector: 5254664-E5
- I.C.C. Electrical Plans Examiner: 5254664-E3
- I.C.C. Commercial Electrical Inspector: 5254664-E2
- I.C.C. Mechanical Inspector: 5254664-M5
- I.C.C. Commercial Mechanical Inspector: 5254664-M2
- I.C.C. Plumbing Inspector: 5254664-P5
- I.C.C. Commercial Plumbing Inspector: 5254664-P2
- I.C.C. Residential Combination Inspector: 5254664-R5
- I.C.C. Residential Electrical Inspector: 5254664-E1
- I.C.C. Residential Building Inspector: 5254664-B1
- I.C.C. Residential Plumbing Inspector: 5254664-P1
- I.C.C. Residential Mechanical Inspector: 5254664-M1
- CA State Building Inspector: SAP62736
- General Journeyman Electrician CA: 107473
- Electrician Journeyman EL01 WA: HUMPHSJ022LF
- GE Green Belt in Six Sigma: 293885-313830-204046479

### **Field Operations / General Electric Renewable Energy**

Scott's responsibilities included all technical functions, testing equipment and handling repairs, and managing engineer projects

### **CONTINUED CERTIFICATIONS**

- I.C.C. Certified Residential Mechanical Inspector: 5254664-M1
- CA State Building Inspector: SAP62736
- General Journeyman Electrician CA: 107473
- Electrician Journeyman EL01 WA: HUMPHSJ022LF
- GE Green Belt in Six Sigma: 293885-313830-204046479

### **PROFESSIONAL AFFILIATIONS**

- ANSI/UL Standards Technical Panels (voting member)
- 508A Industrial Control Panels
- 1741 Static Inverters
- 1699B (PV) DC Arc-Fault Circuit Interrupters
- 6703 Connectors for Use in PV Systems
- 6703A Multi-Pole Connectors for Use in PV Systems
- 9703 Distributed Wiring Harnesses for Use in PV Systems
- 3001 Distributed Energy Generation and Storage Systems
- 2808 Energy Monitoring Current Transformers
- International Association of Electrical Inspectors
- Voted by my peers to the Board of Directors
- International Code Council
- IBEW Member

## Martha McNicholas, P.E.

### SENIOR PROJECT MANAGER

As a senior project manager, Martha has vast experience in overseeing plans and implementation of projects by using budgeting, hiring team members, sourcing suppliers, and planning the project release.

### PROFESIONAL EXPERIENCE

#### Senior Project Manager / Interwest Consulting Group / 2021 – present

Martha oversees all projects to ensure that they have the correct planning, organization, budget, and team.

#### Senior Project Manager / City of Hollywood / 2020 – 2021

While working as a senior plans manager, Martha assisted with:

- Supervising both design and construction professionals involved in the design, construction, and inspection of facilities under construction.
- Schedules, assigns, and supervises project managers who oversee architectural and engineering design projects.
- Performing oversight of plan design and preparation, cost estimate development, and specification preparation; participates in the development and design of projects.
- Oversees analysis and review of design studies prepared by professional consultants.
- Directs special studies and projects relating to technical and administrative aspects of the public works function; prepares reports and recommendations for consideration and action by municipal administration.
- Oversees of development and preparation of designs and plans for City projects to comply with
- Department's overall agenda.
- Resolves conflicts during construct administration phase of projects for adherence to plans and specifications.
- Prepares and reviews resolutions for City Commission.
- Interprets plans and specifications; approves minor design changes during construction, approves contractors' change orders and payment requests.
- Conducts and supervises instructional programs for subordinates as required.
- Makes recommendations regarding hiring, discipline, and promotion of subordinates; authorizes leave and overtime; evaluates and rates employee performance.
- Participates in the selection of design consultants and construction managers, including contract negotiations, as required.

#### Senior Utility Engineer / City of Riviera Beach, FL / 2018-2020

- Examined and approved construction plans, reports and calculations and related documents for all types of construction; new buildings, high riser buildings, residential houses, restaurants, and other industrial projects, providing solutions and enforcing the ICC code to



A SAFEbuilt COMPANY

Years of Experience: 20+

### Education

- Bachelor's degree, University of Havana
- Florida advantage Building Code (F.S. 471.0195)

### Registrations/Certifications

- Professional Engineer License in the State of Florida

INTERWEST

complex Structural, Architectural, Mechanical, Plumbing and Energy to all projects to determine compliance with ICC 2017 and FBC 2017 6th Edition.

- Performed long-range planning for Capital Improvement Program and coordinates necessary financing for water and wastewater utility design, permitting, and construction services.
- Managed the preparation of plans, specifications and bid proposals for public works and utilities projects and monitors design, construction management and construction contracts.
- Analyzed complex issues and problems related to area of responsibility, evaluated alternatives, and developed and recommended effective courses of action.
- Participated in the development, planning, financing, design, administration, and construction of significant and complex utilities projects.
- Directed, assigned, supervised, and reviewed the work of subordinate engineering and/or technical support assistants engaged in the preparation of design, specifications, estimates, and technical reports related to the construction of utilities projects

Reviewed and evaluated private improvement plans for impact on utilities infrastructure; approved plans as appropriate for residential, commercial, industrial projects for specifications compliance; recommended approval/denial.

- Prepared and reviewed bid request packages; reviewed bids and made recommendations regarding bid award; reviews contract change proposals
- Reviewed and directed the work of consulting engineers and surveyors; ensured conformance with City and State requirements; reviewed progress payment requests; and otherwise, managed contract costs
- Multitasking, able to work under time pressure and stress. Put the company needs first. Proven ability to successfully analyze the organization's critical requirements, identify deficiencies and potential opportunities.
- Proficient with Engineering programs, Microsoft, cloud and others.

#### **Senior Engineer Plans Examiner / West Palm Beach, FL / 2014-2018**

While working as a Senior Plans engineer, Martha Examined building permit applications, including plans, specifications, surveys, product approvals, shop drawings, and all other required documents for compliance with the Florida Building Code and other regulations relating to building construction. Martha also assisted with:

- Participating in pre-submittal conferences, with design professionals, contractors, and other interested parties to discuss technical code issues on the review process.
- Approved and signed plans in compliance with all codes and regulations per FBC. Prepared and maintains all required records and reports.
- Interpreted code requirements as they related to alternative materials and methods of design.
- Proficient with AutoCAD, Autodesk, Engineering programs, Energy Pro, Microsoft, cloud and others.

#### **International Business Director / Miami, FL / Salt Lake County, UT / 2010-2014**

- Directed all manufacturing process for the design, construction, and integration of mobile steam injection systems to recovery oil (TEOR) for Venezuela Contractors using Clayton Boilers with 12 TN/hr @ 3000 psi, gas/diesel. Managed engineers, technical and administrative professionals.
- Designed steam projects for boilers, water treatment systems, economizers, pumps, cogeneration, and other related steam projects.
- Proven ability to successfully develop innovative and cost-effective solutions, excellent customer services, international marketing strategies, business development, strong technical qualifications related to the steam generation business and engineering.
- Managed the manufacturing operations assuring quality, productivity, performance and cost.

- Extended experience participating in National and International Trade Shows, promoting, and developing products and business.
- Exceptional demonstrated business ethics and integrity performing the job. Stablished best industry practices.
- Contributed to team effort accomplishing more than \$90 Million dollar sold in projects. Strong technical and business qualifications. High dollar value sales experience.

**Vice President / Mechanical Inc. / Miami, FL / 1993-2009**

While working as a vice president, Martha managed the engineer and international sales department. She specialized in HVAC refrigeration, energy, environmental controls, and antipollution devices. She also leads the firm into the 100 top companies in the USA. She has experience as a manufacturer's representative for National and International companies on boilers, water treatment, HVAC, pollution controls, incinerators, pumps, storage tanks, valves, industrial water heaters, and others.

**Hospital Plant Chief Engineer / Alabarran Hospital / Havana, Cuba / 1989-1992**

- Successfully managed the Hospital Energy Plant. Supervised and scheduled all the operation and maintenance of the boiler rooms, electric generators room, HVAC systems, environmental test and control, water treatment, wastewater, water pumping, and fuel station at the hospital.
- Provided leadership and direction during board meetings and team sessions in communicating Plant status. Coordinated and scheduled maintenance for Boilers and HVAC equipment for customers. Monitored the order status, time sheets and expenses report of the employees.
- Effectively collaborated, directed, and managed both functional and technical teams during the implementation of support and maintenance. Provided guidance and direction to the team in analysis and solution development.
- Established best practices and increased operational process efficiency in the Hospital.

## Jingpei Zhang, EE

ELECTRICAL ENGINEER

Jingpei is a California registered engineer with more than 25 years of experience and a Masters degree in Electrical and Electronic Engineering. Over his career, he has designed a variety of facilities and systems, including electrical distribution systems for healthcare centers; data center facilities; commercial and industry buildings; and schools. Jingpei also has extensive experience providing electrical plan reviews on a multitude of projects including multi-story housing, large stadium projects. the UC Merced 2020 project, hotels and high-rise buildings.

### PROJECT EXPERIENCE

#### **Electrical Plans Examiner / Sac Republic Soccer Stadium / City of Sacramento / 2019 - Present**

Jingpei reviews plans for conformance to applicable electrical codes for this new 409,664 SF stadium.

#### **Electrical Plans Examiner / 65 East Apartments / City of Sacramento / 2018 – Present**

Jingpei provides electrical plan review of this new five story, 180,724 SF apartment complex.

#### **Electrical Plans Examiner / Great Wolf Lodge / City of Manteca / 2018 – Present**

Jingpei provides electrical plan review for this unique 510,000 SF hotel and 100,000 SF indoor water park.

#### **Electrical Plans Examiner / 2020 Campus Expansion / University of California, Merced / 2017 - Present**

Jingpei provides electrical plan review for the UC Merced campus expansion project that will nearly double the campus upon completion.

#### **Electrical Plans Examiner / Sacramento, CA / 2009 – 2017**

Jingpei reviewed plans for health care facilities, commercial and industry buildings including:

- Farm Credit West (bank), Yuba City
- Almadon Ranch Commercial Office Building O6/P5
- El Dorado Surgery Center, Folsom Surgery Center
- Kaiser Folsom HVAC upgrade
- San Francisco Honda Service Center in Folsom and Bayshore
- University Village Shopping Center
- Folsom Broderick Restaurant
- Folsom Natural Result Surgery Center
- Sunnyvale Building T warm shell
- Twin River School District schools HVAC system Replacement



A SAFEbuilt<sup>®</sup> COMPANY

**Years of Experience: 25**  
**Years w/ Interwest: 4**

### Education

- MS, EEE, California State University, Sacramento
- BS, EEE, South China University of Technology

### Registrations/Certifications

- CA Registered Electrical Engineer | E16243
- NCCER HVAC Level IV Certification
- NCCER Plumbing Level IV Certification
- NCCER Building Maintenance Level III Certification
- NCCER Carpentry Level IV Certification
- NCCER Solar Photovoltaic Level I Certification
- NCCER Wind Power Level I Certification
- NCCER Green Technology Level I Certification
- NCCER Weatherization Technician Level I Certification

### **Electrical Engineer (Designer) / California / 1997 – 2007**

Jingpei designed health care facilities, commercial and industry buildings and data centers including:

- St. Joseph Hospital main office building (MOB), Eureka, CA
- North bay Medical Center: Medical Center Emergency Department, Vacaville, CA., Cardio-vascular surgery center, Fairfield, CA
- Lakeside Hospital, Tele-medical surgery suites, Lakeport, CA
- UC Davis Briggs Hall Chemical Laboratory Building
- Franchise Tax Board Administration building, Rancho Cordova, CA
- Kaiser Hospitals, San Francisco, Vacaville, Roseville, Elk Grove, CA
- Veteran's Hospital Radiology Department, Mather, CA
- Woodland Memorial Hospital, mental health department renovation, Woodland, CA
- Microsoft Data center, Redmond, Seattle, WA
- Lockheed Martin Power distribution system upgrade, Santa Clara, CA
- CDCR Prison Housing units, Delano; Salinas; Vacaville, CA
- Elk Grove Middle school, Elk Grove, CA
- Santa Clara Elementary School, Santa Clara, CA
- San Jose Elementary School, San Jose, CA
- AT&T Web hosting data center, Seattle, WA
- Level 3 Data center, Portland, OR
- Equinix data centers, New York, city, Chicago, IL
- GTE call center, various sites.
- Safeco Call Center, Seattle, WA
- Bank of America Branch offices, various sites.
- Wells Fargo Bank Branch offices, various sites.

### **PROFESSIONAL EXPERIENCE**

#### **Electrical Engineer Plans Examiner / Interwest Consulting Group / 2017 – Present**

Jingpei provides electrical plan reviews for projects throughout California to verify compliance with applicable codes.



## Augie Cerdan, FPE

### FIRE PROTECTION ENGINEER

Augie brings over 28 years of experience in construction and fire plan review and inspection with a proven performance in analysis and regulatory compliance as a Fire Protection Engineer. Augie's extensive experiences as a Fire Protection Engineer, has provided him a skill set to examine and correct construction documents, establish and maintain effective working relationships, determine adherence to code requirements and provide rapid, uniform and accurate customer service.

#### PROFESSIONAL HISTORY

##### **Fire Protection Engineer | Fire Plans Examiner | Fire Inspector / Interwest Consulting Group / 2018 - Present**

Augie reviews residential and non-residential plans for compliance with California Building, Plumbing, Mechanical, Energy Standards, Fire Codes and California Green Building Standards; state and local building codes, policies, amendments, and ordinances.

##### **Fire Protection Engineer / City of Folsom / 1999 - 2017**

Augie has serviced the City of Folsom for the past 18 years as their Fire Protection Engineer his role included; examining and noting deficiencies of plans, calculations, and specifications associated with the review of site and building plans, fire suppression and alarm systems, tentative parcel maps, industrial processes, hazardous materials, and specifications for new buildings and building modifications to ensure compliance with Federal, State and local fire and life safety ordinances, laws and codes. Additional duties included; conducting functional tests and field inspections of construction sites; suppression, detection and alarm systems; means of egress; fire barriers and smoke management systems.

Augie also interpreted, analyzed and made recommendations and provided technical advice to staff, developers, architects, contractors and the public related to codes, ordinances and standards. He played a key role in providing construction permitting services as the Fire Department's representative for Community Development that resulted in a one-stop permit counter at City Hall. Additionally, he spearheaded the over-the-counter plan checking and permitting services for building permit and fire protection system applications at the public counter of the Community Development Department.

##### **Fire Protection Engineer / City of Sunnyvale / 1990 - 1999**

Augie serviced the City of Sunnyvale for 9 years as their Fire Protection Engineer his role included; examining and noting deficiencies of plans, calculations, and specifications associated with the review of site and building plans, fire suppression and alarm systems, tentative parcel maps, industrial processes, hazardous materials, and specifications for new buildings and building modifications to ensure compliance with Federal, State and local fire and life safety ordinances, laws and codes. Additional duties included; conducting functional tests and field inspections of construction sites; suppression, detection and alarm systems; means of egress; fire barriers and smoke management systems.



**INTERWEST**

**Years of Experience: 28**  
**Years w/ Interwest: 2**

#### Education

- BS, Mechanical Engineering, University of California, Davis

#### Registrations/Certifications

- CA Registered Professional Fire Protection Engineer | FP1579

## Connor Reiss

### PLAN EXAMINER

Connor has had several years working as a plan's examiner. Connor ensures that any building plans meet the appropriate ordinances and codes.

### PROJECT EXPERIENCE

#### **Mechanical Plans Examiner / Interwest Consulting Group / 2021-present**

While working at Interwest Consulting Group, Connor has responsibilities in making sure all building plans meet a standard depending on the ordinances and codes. Connor also reviews all building safety in also construction plans.

#### **Mechanical Plans Examiner / EsGil- A SAFEbuilt Company / 2018 – 2021**

- Conduct mechanical and plumbing plan reviews for incoming construction projects
- Create plan review submittals for clients outlining any code violations
- Answer questions for clients to eliminate any discrepancies

#### **Construction Engineering Adjunct Professor / San Diego State University / 2018-present**

While working as a professor, Connor teaches students about the designing, planning, construction and management of facilities.

#### **Volunteer / Shiley-Marcos School of Engineering Humanitarian Trip / El Cercado, Dominican Republic / 2017-2017**

Participated in a two-week USD sponsored trip designed to utilize the skills gained through the curriculum to create chlorination plants, solar water heaters, usable stoves, and bio-fuel alternatives for the native people



A SAFEbuilt COMPANY

**Years of Experience: 5**

### Education

- B.S. Mechanical Engineering, San Diego, CA
- Preparatory School
- Colorado Springs, CO
- Selected for a 10-month post-high school military program consisting of rigorous academic and leadership training

## John Milbrandt, ICC

### BUILDING INSPECTOR

John has a vast experience as a building inspector. He is responsible for the overall guidance, direction and management of city building codes and ensures that all buildings meet relevant construction codes.

#### PROFESIONAL EXPERIENCE

##### **Building Inspector / Interwest Consulting Group Company / 2021-Present**

John acts as a Building Inspector for our clients throughout Southern California, particularly in San Diego County, ensuring that all buildings meet industry, state and local codes.

##### **Building Inspector / EsGil – A Safebuilt Company / 2017-2021**

- Ensured building met all safety goals
- Performed inspections and construction plan reviews
- Develop and implement operating policies
- Investigate various citizen inquiries concerning building and safety violations

##### **Self Employed / 2009-2012**

##### **Inspector II / City of Carlsbad / 2004-2009**

John assisted in inspecting building projects and keeping records of construction, crafts people, trades, and materials testing in field tests.

##### **Building Technician / City of Carlsbad / 1997-2002**

John assisted with essential construction tasks and projects. He also calculated building costs, negotiated with suppliers, and prepared site plans.

##### **Realty Broker / Spindrift / 1997-Present**

John assisted customers with purchasing, renting, and selling properties.



A SAFEbuilt COMPANY

**Years of Experience: 14**

#### **Education**

- B.S Business Administration

#### **Registrations/Certifications**

- I.C.C Certified Dwelling Inspector
- I.C.C Certified Fire Inspector
- Cal EMA Safety Assessment Program Evaluator

## Gordon Day, ICC

Senior Building Inspector

Gordon Day has 45 years of building industry experience and has worked in the building inspection department for 19 years. He was a former Building Project Manager for the City of Chula Vista and worked as an Electrical Code and Blue Print Reading Instructor at Southwester College for six years. Gordon worked as an Electrical Contractor for 35 years and as a Code Instructor for two years.

### PROFESSIONAL HISTORY

#### Senior Building Inspector / EsGil – A SAFEbuilt Company / 2016 - 2020

#### Senior Building Inspector / Interwest Consulting Group / 2021 - Present

Gordon started his SAFEbuilt career as an EsGil employee in 2016. When EsGil merged with Interwest Consulting Group, he continued his role as Senior Building Inspector where he provides direction and supervision to inspection and permitting staff, interprets and enforces the adopted building codes in a consistent manner for each jurisdiction assigned, and documents inspection results so that the information is clear, concise, complete, and understandable.



A SAFEbuilt COMPANY

Years of Experience: 45

Years w/ Interwest: 1

### Registrations/Certifications

- ICC Plumbing Inspector
- ICC Plumbing Inspector  
UPC
- ICC Mechanical Inspector  
UMC
- ICC Combination Inspector
- ICC Mechanical Inspector
- ICC Building Inspector
- ICC Building Plans  
Examiner
- ICC Structural Masonry  
Special Inspector
- ICC Combination  
Inspector Legacy
- ICC Electrical Inspector
- ICC Commercial  
Combination Inspector

## Ashleigh Herbert

### PERMIT TECHNICIAN

Ashleigh has vast experience working as a permit tech. Some of her duties include assisting in processing plan check applications for construction plans for commercial, industrial, and residential projects, Calculating application and permit fees, as well as all preliminary permit reviews in codes, ordinances, and regulations.

### PROFESSIONAL SKILLS

- Excel, MS Word, and Google Docs
- Recruiting, vetting, and selecting of new hires
- Freshbooks, generating invoices, quotes, AR, AP, and quarterly accruals
- Preparing RFI, RFP, RFQ (requests for information, proposal, and quote) documents
- Social media management
- EECF and HEAT for SDG&E (proprietary systems)
- WIX and Lightroom

### PROFESSIONAL HISTORY

#### **Interwest Consulting Group / Permit Tech / 2022- present**

While working at Interwest Consulting Group as a permit tech, Ashleigh is responsible for processing plan checks for projects, calculating fees, and answering and inquiries from contractors. She also organizes all permits and records in preparation for reports.

#### **Omni2Max Inc / Executive Assistant / La Mesa, CA / 2020 – 2020**

While working at Omni2Max, Ashleigh managed and edited highly confidential emails and documents, created occupational advertisements and interviews with new hires, and lastly, maintained office operations.

#### **Acknowledge City / Office Administrator / Carlsbad, CA / 2019 - 2020**

While working as an office administrator, Ashleigh assisted in several departments including Human Resources, IT department, and the sales department. In this role Ashleigh was responsible for:

- Creating invoices, paid receipts, and quotes through Freshbooks and MS Word.
- Creating content for RFI, RFP and RFQ documents using MS Word and Excel.
- Corresponding with government officials regarding their E-Learning subscriptions.
- Responsible for highly confidential documents and contracts for local government.
- Fielding inbound calls, sorting the mail, shipping, and receiving.
- Data entry in Excel, Freshbooks, and maintaining the CRM (Pipedrive).
- Creating user trials using HTML coding for users to navigate through the LMS.
- Updated and maintained daily sales and profit/ loss reports using Excel and Freshbooks.
- Conducted phone interviews for new hires across all departments.



**Years of Experience: 15+**

### Education

- Escondido High School, Escondido, CA

- Maintained company executive calendars using Outlook, Google Calendar, Skedda, and Excel.
- Assisting the sales team with finalizing sales and by corresponding with new and existing clients.

**Executive Assistant / Rancho Energy Services, Co / 2003-2019**

While working as an office manager/ HR and executive assistant for Rancho Energy Ashleigh had many tasks including:

- Generating aging reports, general bookkeeping, AR/ AP, and generated invoices.
- Corresponded daily with SDG&E management and local city officials.
- Created and maintained spreadsheets using MS Word and Excel. As well as working in a proprietary program used for creating invoices.
- Created occupational ads, handled recruiting for new hires, conducted conflict resolution, and termination of employees and vendors.
- Maintained truck inventory (Including vehicle registration and maintenance for a fleet of construction trucks).
- Facilitated company lunches and conducted all special event planning.
- Created paid receipts, quotes, quarterly accruals, and product installation estimates.

## Matt Simonetti, PE

### CA REGISTERED PROFESSIONAL CIVIL ENGINEER

Matt has more than 23 years of civil engineering experience. He currently provides engineering plan review services to our clients throughout Southern California. Matt has managed entitlements and final plan and map reviews for various land development projects for several cities, including most recently the City of Moreno Valley. Matt possesses excellent communication skills, always providing a high level of customer service in a professional manner. He has experience with both municipal and private clients. Matt is a strategic thinker and an innovative problem-solver, making him a strong asset to all projects.

### PROFESSIONAL HISTORY

#### CA Registered Professional Civil Engineer / Interwest Consulting Group / 2021 - Present

Matt currently serves as a CA Registered Professional Civil Engineer with Interwest Consulting Group and provides engineering services to our clients in California.

#### Interim Senior Civil Engineer / City of Moreno Valley / 2021 – 2021

Matt served as Interim Senior Civil Engineer for the City of Moreno Valley. Matt managed entitlements and final plan and map reviews for various land development projects for the City.

#### Senior Civil Engineer / City of Yorba Linda / 2013 – 2021

Matt served as Land Development and NPDES Division Manager for the City of Yorba Linda. He managed all entitlements and final plan/map reviews for various land development projects. Matt also served as the Engineering representative at Planning Commission public hearings. He was responsible for preparing budgets, policies, and procedures.

#### Associate Civil Engineer / City of Menifee / 2009 – 2012

Matt managed entitlements and final plan/map reviews for land development projects for the City of Menifee. He reviewed site plans and tentative subdivision maps for regulatory compliance. Matt also provided Project management, final plan/map reviews, encroachment permits, compliance investigations, and capital improvement projects. Matt was responsible for managing consultants, project construction, and inspections.

#### Project Manager / Hall & Foreman, Inc. / 2005 – 2009

Matt was responsible for Project Management of Team, Clients, Budgets, Schedule, and PS&E packages. He worked on both Land Development Residential and Commercial Projects. Matt's responsibilities included Rough/Precise Grading, Street, Sewer, Water, Erosion and Sediment Control, Storm Drain, WQMP, SWPPP, Tentative Maps, Specifications, and Cost Estimates.

#### Design Engineer / RBF Consulting / 2001 – 2005

Matt worked on Street Improvement Projects with extensive roadway design including horizontal and vertical alignments, curb return profiles, typical and design cross sections, and construction details. He was responsible for providing cost estimates and quantities, along with utility coordination and mapping.



A SAFEbuilt COMPANY

**Years of Experience: 23**

#### Education

- BS, Civil Engineering, The Henry Samueli School of Engineering

#### Registrations/Certifications

- CA Registered Professional Civil Engineer, 68340

## Kamran Saber, PE, QSD/QSP

CA REGISTERED PROFESSIONAL CIVIL ENGINEER // PROJECT MANAGER

Kamran has over 31-years of experience in the design and management of major multi-disciplinary public works projects. His experience includes transportation design, structural design, utility engineering, hydraulic, hydrology, cost estimating, contract specifications, constructability analysis, peer reviews, development review, environmental process and reviews, report writing, RFP preparation, construction management and support services. Kamran has a broad background in CIP management, planning, design and construction on a wide variety of projects including land development, street improvement and rehabilitation, sewer and storm drain studies and design, grading and drainage. He also has extensive training and hands-on experience in project/resource management and Total Quality Management, and is a Certified Facilitator. Additionally, Kamran has extensive expertise in federally and state funded projects through his work managing over 100 federally funded projects throughout his career.

Kamran's professional history includes City Engineer experience at the Cities of Covina, Placentia, Villa Park, San Gabriel, and the Town of Yucca Valley. Below is just a selection of the many projects Kamran has worked on.

### PROFESSIONAL HISTORY

#### Senior Project Manager / Interwest Consulting Group / 2016-Present

Kamran has served numerous clients in Riverside, LA, and Orange County, providing project management, plan review, development review and internal support in the Cities of Wildomar, Eastvale, Costa Mesa, Fountain Valley, Encinitas, and Maywood, just to name a few.

### ROADWAYS AND MUNICIPAL PROJECT EXPERIENCE

#### Central Avenue Corridor Improvement / City of Compton, CA / 2015

Project Manager and Pavement Engineer | Project Manager and Pavement Engineer for the reconstruction of Central Avenue from 131st Street to Compton Boulevard to address roadway rehabilitation needs in an expedited manner. The project consisted of two segments: Segment 1 from 131st Street to Rosecrans Avenue and Segment 2 from Rosecrans Avenue to Compton Boulevard. An innovative low impact development (LID) approach was selected for the pavement rehabilitation consisting of 2-inch ARHM over 4-inch in-situ recycled asphalt (Cold Central Plant Recycled, CCPR) on top of 8-inch in-situ cement treated base, also known as Full Depth Reclamation (FDR). Ninety percent of the proposed structural section was recycled from the existing road materials with no material hauled out from the project.

#### San Gabriel Boulevard Rehabilitation, Mission Drive to Las Tunas Drive / City of San Gabriel, CA / 2010

Project Manager and Construction Manager | Project Manager and Construction Manager for the 1.5-mile rehabilitation of San Gabriel Boulevard in the heart of the City of San Gabriel. The project included rehabilitation of pavement using the cost saving method of Full Depth Reclamation (FDR) with the construction cost of approximately \$1.9M. Project included pavement rehabilitation and reconstruction, reconstruction of centerline to increase cross fall and to improve cross drainage, curb, gutter and sidewalk repair, addition of gutter plate where missing, addition of cross gutters where missing or nonfunctioning, addition and/or upgrading of curb ramp and



A SAFEbuilt<sup>®</sup> COMPANY

Years of Experience: 31+

Years w/ Interwest: 6

### Education

- MS, Civil Engineering, California State University, Sacramento, CA
- BS, Civil Engineering, Polytechnic Tehran

### Registrations/Certifications

- CA Registered Civil Engineer | 47567
- Qualified SWPPP Developer/ Practitioner (QSD/QSP) | 24012

### Professional Affiliations

- American Society of Civil Engineers, (ASCE)
- American Public Works Association, (APWA)
- Society of American Value Engineers, (SAVE)
- Society of American Military Engineers, (SAME)
- Railroad Association of Southern California, (RASC)



reconstruction of damaged driveway aprons. The project design included water quality green feature such as permeable concrete gutters.

#### **Maple Avenue Roadway Rehabilitation Project / City of El Segundo, CA / 2012**

Project Manager | Responsible for the preparation of plans, specifications, and estimate (PS&E) and management of the design staff, survey crews and sub consultants, Landscape Architect, and Geotechnical. Mr. Saber performed QA/QC, prepared project specifications and cost estimates, and coordinated the project with various City departments (Water, Planning, Maintenance, landscaping, and sewer). The main objectives of the project were rehabilitation of existing pavement, extensive drainage improvements, installation of landscaped median, sidewalks, and installation of flashing red lights at mid-block crossings, public outreach and ADA ramps. The design and construction were completed within schedule and budget.

#### **West Roses Road Rehabilitation, Mission Drive to Del Mar Avenue / City of San Gabriel, CA / 2010**

Project Manager | Project Manager for the preparation of plans, specifications, and estimate (PS&E) and construction management of 3,600 linear feet of collector roadway. Project included pavement rehabilitation, curb, gutter and sidewalk repair, addition of gutter plate where missing, addition of cross gutters, addition of curb ramps and reconstruction of damaged driveway.

#### **Arterial Rehabilitation Projects and Annual Street Resurfacing Projects / City of Lake Forest, CA / 2007**

Project Manager | Project Manager for the preparation of plans, specifications, and estimate (PS&E) for the City of Lake Forest's annual street resurfacing projects, as well as the design for Arterial Highway Rehabilitation Projects (AHRP) along Murlands Boulevard, El Toro Road, and Rancho Santa Margarita Parkway. These projects involved pavement resurfacing using rubberized asphalt, slurry sealing, adjusting manholes and monument preservation, restriping and the installation of loop detectors.

### RAIL | TRANSIT PROJECT EXPERIENCE

#### **Metrolink Station / City of Covina, CA / 2015**

Project Manager | Civil Design Manager and Construction Manager responsible for the proposed station design improvements at the Metrolink Station in Covina, California. Proposed improvements included parking rehabilitation, lighting, signage, striping, landscape, irrigation, traffic signal and entrance improvement.

#### **Bradford Avenue Pedestrian Bridge over BNSF Tracks, Alameda Corridor Transportation Authority (ACTA) / Placentia, CA / 2008**

Project Manager | Project Manager for this federally funded project involved extensive negotiation and coordination with Railroad Company and adjacent KB Homes development. Project involved executing the signed Intermodal Container Transfer Facility (ICTF) Joint Powers Authority (JPA) with the Railroad Company for construction easements per Caltrans guidelines, securing right-of-way and easements from developer, and obtaining State and Federal approval (E-76) to proceed with construction.

#### **Establishment of Quiet Zone Along BSNF Tracks / Placentia, CA / 2008**

Project Manager | Project Manager responsible for working with BNSF and Federal Railroad Administration (FRA) to establish the Quiet Zone (QZ) in the City of Placentia. The project also involved construction of improvements at the six crossings per FRA requirements and standards, as well as installation of new advanced train warning and relay systems by BNSF.

### GRADE SEPARATIONS PROJECT EXPERIENCE

#### **Montebello/Union Pacific Railroad (UPRR) Corridor Grade Separation Feasibility Study Report / Montebello, CA / 2014**

Task Manager | Task Manager responsible for developing a grade separated corridor along UPRR (Los Angeles Subdivision) and considering various alternatives including a complete trench, partial trench and individual grade separations at Montebello Boulevard, Greenwood Avenue, Maple Avenue and Vale Avenue. The project included developing conceptual plans in accordance with UPRR and AREMA standards as well as cost estimates. Close coordination with the City of Montebello, Alameda Corridor East Construction Authority, UPRR and CPUC was a critical part of the project which required timely concept approval.

**SR-710 Gap Alternatives, Los Angeles Metropolitan Transportation Authority / Los Angeles, CA / 2014 - 2015**

Task Manager | Task Manager (JMD Inc.) responsible for developing light rail transit, railroad and Transportation System Management/Transportation Demand Management (TSM/TDM) alternatives for the nearly five-mile-long freeway gap between Interstate 10 (Los Angeles/Alhambra) and Interstate 210 (Pasadena). Mr. Saber was responsible for developing conceptual light rail transit (LRT), grade separation, track, roadway and intersection alignments to address local needs and hot spots through the cities of Los Angeles, Alhambra, South Pasadena and Pasadena. LRT and track alignment plans were designed in accordance with LA Metro, as well as UPRR and AREMA standards, respectively. Cost estimating of each alternative was also provided including the development of an environmental document for the project. Mr. Saber was responsible for facilitating close coordination with the Cities, UPRR and CPUC to obtain reviews and conceptual approvals in a timely manner.

# Jeffrey T. Kent, PE, GE

## Principal Engineer



### EDUCATION

M.S., Geotechnical Engineering, 2001,  
University of California at Los Angeles

B.S., Civil and Environmental Engineering,  
2000, University of California at Los  
Angeles

### REGISTRATIONS

GE 2817 (California)

PE 66143 (California)

### PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers

As a Principal Engineer, Mr. Kent coordinates and conducts geotechnical evaluations for commercial, educational, and public/municipal facilities, including schools, highways, railroads, pipelines, public and private buildings, and bridges; performs slope stability analyses, flexible and rigid pavement design, and underground pipeline design; and prepares and reviews geotechnical reports. He also provides geotechnical design parameters and recommendations for shallow and deep foundations, retaining structures, in-situ ground remediation and earthwork; reviews laboratory results and project plans and specifications; provides supervision and technical support to staff-level engineers and geologists; and performs project administration and management. Mr. Kent also develops the scope of work for materials testing and inspection projects; provides supervision and technical guidance to field and laboratory personnel; oversees field observation, testing, and inspection services; supervises laboratory testing; analyzes and reviews field and laboratory data; and authors and reviews materials testing and inspection reports.

### EXPERIENCE

**City of San Diego Storm Drain and Slope Repair, Via Esprillo, San Diego, California:** Project Manager during a geotechnical evaluation for the City of San Diego slope washout and storm drain repair project. The site consisted of a descending slope located at the rear of 16464 Via Esprillo. A 42-inch and 48-inch storm drain, a portion of which consisted of corrugated metal pipe (CMP), descended to headwall outlets at the base of the slope. After years of deterioration and leakage of the CMP, erosion toward the toe of the slope occurred. Conditions at the slope included a large washed out area that was approximately 30 to 50 feet wide, 100 feet long, and extended the full 60 foot height of the slope. Several portions of the washout had been eroded to near vertical slopes. The project included the reconstruction of the slope and replacement of the storm drains. Services included review of background information; performance of a geologic reconnaissance of the site, including the observation and mapping of geologic conditions and the evaluation of possible geologic hazards which may impact the proposed project; performance of a subsurface evaluation consisting of drilling exploratory borings to evaluate the subsurface conditions; laboratory testing on selected soil samples; compilation and analyses of the data obtained; and preparation of a report.

**City of San Diego 60-Inch Storm Drain and Slope Repair, 4141 Ruffin Road, San Diego, California:** Project Engineer during a geotechnical evaluation for the 60-inch storm drain and slope repair project located at 4141 Ruffin Road. The site consisted of a descending slope located at the rear of 4141 Ruffin Road. A 60-inch storm drain, a portion of which consisted of corrugated metal pipe (CMP), descended to a headwall outlet at the base of the slope. Services included background review; a subsurface evaluation; laboratory testing; data compilation and analyses; and preparation of a report presenting our findings, conclusions, and recommendations regarding the geotechnical design and construction of the project. Field observation and in-place density testing services were provided during fill placement and trench backfill operations.

**Chargers Practice Facility, 54-Inch Storm Drain and Retaining Wall Repair, San Diego, California:** Project Manager for geotechnical consulting services during the design and construction phases for the Emergency Storm Drain Pipe Replacement

# Jeffrey T. Kent

## Principal Engineer

project at the Chargers Practice Facility. During a rain event, a sinkhole developed around a storm drain vault located at the western side of the practice facility. After further evaluation, the existing 54-inch diameter reinforced concrete pipe (RCP) was found to possess several voids within the pipe. Services included a subsurface exploration, laboratory testing, and preparation of a geotechnical report. Geotechnical observation and materials testing services included field density testing during storm drain trench and retaining wall backfill, site evaluation of temporary slopes and trench excavations, and laboratory testing of soils used by the contractor. Materials testing for the project included conformance testing of reinforcing steel and compressive strength testing of concrete.

**Audubon Elementary School, San Diego, California:** Project Engineer for a geotechnical evaluation of the distressed drainage ditch and existing slope conditions at the Audubon Elementary School. The project study area included an approximately 900 foot long slope with heights up to approximately 50 feet along the southern and eastern boundaries of the school campus. Distress to the project area included a cracked and undermined concrete drainage ditch as well as several shallow erosions and washouts. Services included a subsurface exploration and geotechnical laboratory testing. The information from these services was compiled and used to analyze the global and surficial stability of the existing slope. Recommendations for the reconstruction of the drainage ditch along with a moisture cutoff wall were presented in our geotechnical report as well as remedial grading recommendations for the erosions and washouts. Further recommendations were provided to mitigate the potential for future erosion of the slope.

**City of San Diego Mobley Street Storm Drain Replacement, San Diego, California:** Project Engineer during a geotechnical evaluation for the Mobley Street Storm Drain Replacement project, which involved the reconstruction of the washed out portions of the slope and replacement of the storm drainpipe. The existing storm drainpipe was removed and replaced with a new pipeline system. Services included background review; subsurface exploration with exploratory test pits; geotechnical laboratory testing; data compilation and analysis; and report preparation.

**City of Carlsbad La Gran Via CMP Replacement, Carlsbad, California:** Project Manager for La Gran Via CMP Replacement project. The project included the reconstruction of storm drain outlet that had corroded and resulting in the failure of an existing slope within an open space area. These services included geologic observation of removals, observation of backfill and fill placement, field density testing of the earthwork operations, laboratory testing of onsite and import soils, compressive strength testing of structural concrete, and preparation of a compaction report.

**SDUSD Correia Junior High School Slope Washout, San Diego, California:** Project Manager for a geotechnical evaluation during the slope repair at the Correia Junior High School. Due to the deterioration of an asphalt concrete drainage ditch at the top of the slope, water was allowed to overtop an existing slope along the southwestern boundary of the school campus. During rain events, surface water runoff was directed over the face of the slope resulting in an erosional washout. This washout damaged the existing irrigation lines within the slope and washed soil onto the adjoining athletic fields within a City of San Diego park. Services included background review; site reconnaissance to map the distressed slope area; subsurface exploration; and geotechnical laboratory testing; and preparation of a report with recommendations for the reconstruction of the slope using geogrid reinforced fill soils.

**City of Chula Vista Olympic Parkway Slope Erosion, Chula Vista, California:** Project Engineer for a geotechnical evaluation of the slope erosion that occurred on the southerly facing slope north of Olympic Parkway and west of Otay Ranch High School. The erosion was caused by a leak from a water irrigation line located within the slope. As a result of the leak, a portion of the slope slumped downhill and soil washed down into a concrete brow ditch near the base of the slope. Services included background review; geotechnical reconnaissance of the site; subsurface exploration that included the excavation, logging, and sampling of exploratory borings; geotechnical laboratory testing; data compilation and analysis; and preparation of a geotechnical report presenting our findings, conclusions, and recommendations for the repair of the slope erosion. Also performed geotechnical observation and testing services during the repair efforts including observation of earthwork removals, slope benching, and fill placement; field density testing during fill placement; and preparation of a compaction report summarizing our observations and test results.

**Romeria Drainage and La Costa Avenue Slope Repair Construction Phase, Carlsbad, California:** Project Manager during geotechnical observation and testing services for the Romeria Drainage and La Costa Avenue Slope Repair Construction project. The project involved placement of 3-inch minus rock materials layered with a geogrid materials to provide a stable subgrade for the new concrete channel; construction of an all-weather maintenance access road; and construction of a new fill slope, in which layers of geogrid were placed within the fill materials to add reinforcing.

# Nissa Morton, PG, CEG

## Senior Project Geologist



### EDUCATION

M.S., Geological Sciences, 2011, San Diego State University

B.A., Geology, 2005, Pomona College

### REGISTRATIONS/CERTIFICATIONS

CEG 2655 (California)

PG 8949 (California)

### PROFESSIONAL AFFILIATIONS

Association of Environmental and Engineering Geologists

As a Senior Project Geologist for Ninyo & Moore, Ms. Morton conducts geotechnical evaluations, prepares geotechnical reports, coordinates and conducts field and laboratory investigations, and evaluates field compliance with earthwork specifications. Ms. Morton has provided these services for commercial buildings, schools, and airports, and various public works projects.

### EXPERIENCE

**El Camino Del Norte Flood Improvements, San Diego County, California:** Project Geologist for a geotechnical and groundwater evaluation for a flood control improvement project in the Rancho Santa Fe community. Services included review of background geotechnical documents; coordination for subsurface investigation; logging and sampling of exploratory test borings; installation of monitoring wells and collection of groundwater data; and preparation of a final report.

**City of San Diego, Old Otay Mesa Road Improvements, San Diego, California:** Project Geologist for geotechnical observation, materials testing, and special inspection services for the Old Otay Mesa Road Improvements project that included the widening of Old Otay Mesa Road from its intersection with Hawken Drive to a distance of approximately 4,000-feet east along the roadway. To accommodate the widening, various types of non-standard retaining walls were constructed. These included several mechanically stabilized earth retaining walls constructed along the north side of the roadway and soil nail retaining walls (Walls A and B) constructed along the south side of the roadway. Services included geotechnical observation of the stability of temporary and permanent cut slopes, foundation subgrade for retaining walls, drilling and installation of soil nails, installation of rammed aggregate piers, and general grading observations.

**Aliso Canyon Road Flood Improvements, San Diego County, California:** Project Geologist during geotechnical design services for the Aliso Canyon Road Flood Improvements project, which included the installation of new reinforced concrete boxes beneath Aliso Canyon Road and El Camino Del Norte used as part of the storm drain system and to mitigate the potential of flooding in the area. Additionally, the roadways were raised a few feet and the pavements were reconstructed. Services included the acquisition of boring and encroachment permits from the County of San Diego, research of available geotechnical resources, performance of subsurface exploration consisting of soil borings, converting the borings to monitoring wells, groundwater depth measurement readings, geotechnical laboratory testing, data compilation, and preparation of a geotechnical report.

**North Tecolote Canyon Access Design Project, San Diego, California:** Project Geologist during a geotechnical evaluation for the City of San Diego North Tecolote Canyon Access Design project, which included improvements at six stream crossings, one manhole protection feature, and improvements to the existing approximately 1.3-mile trail within the northern portion of Tecolote Canyon Natural Park. The improvements also included construction of concrete pavers to stabilize several of the stream bottoms of vehicle bridges or culverts to support truck access for maintenance and repair of the sewer main. Services included background review; a field reconnaissance; coordination and mobilization for the subsurface exploration; drilling, logging, and sampling of three exploratory borings at the site with limited

# Nissa Morton

## Senior Project Geologist

access drill rigs to depths up to approximately 16 feet below existing grades; geotechnical laboratory testing; data compilation and engineering analysis; and preparation of a geotechnical report providing our findings, conclusions, and recommendations for the design and construction of the project.

**Del Mar Fairgrounds Backstretch Improvements, Del Mar, California:** Project Geologist during geotechnical services associated with construction of the Backstretch Improvements project at the Del Mar Racetrack portion of the Del Mar Fairgrounds. The project consisted of raising the height of the existing berm on the south side of Stevens Creek in order to protect the Backstretch stable areas at the racetrack. In addition to raising the berm approximately 5 feet in height, the project included construction of an approximately 150-foot-long and 3-foot-high retaining wall. Services were performed to assess the suitability of import material for the project based on criteria outlined in our geotechnical evaluation report. Services included field sampling, geotechnical laboratory testing, and compilation of the laboratory data and our previous geotechnical report.

**Pilgrim Creek Vector Remediation and Rehabilitation, Oceanside, California:** Project Geologist during a geotechnical evaluation for the Pilgrim Creek Vector Remediation and Rehabilitation project at the Oceanside Municipal Golf Course. Several areas of the creek channel were plugged with sediment and vegetation, particularly at golf cart crossings across the channel. The project consisted of grading sections of the creek channel and reconstructing nine existing creek crossings in order to improve drainage conditions. Services included background review; field reconnaissance; drilling, logging, and sampling of nine exploratory borings; laboratory testing; and preparation of a report presenting findings, conclusions, and recommendations regarding the design and construction of the project.

**Chollas Triangle Park, San Diego, California:** Project Geologist during geotechnical design services for the Chollas Triangle Park project, which involved permanently closing this section of Chollas Parkway to vehicular traffic and constructing an approximately 5.6-acre active park space and 2.1-acre passive open space. The active park space included multi-use sports courts, paved gathering areas, playground equipment, exercise equipment, off-leash dog areas, a comfort station, an outdoor amphitheater, decomposed granite paths, pedestrian bridges, shade structures, bike ramps, and on-street parking stalls. The passive open space also included landscaping and other low impact improvements adjacent to the Chollas Creek. Additional site improvements were to include flatwork, underground utilities, light poles, and storm water Best Management Practices (BMP) devices.

**IBWC Feasibility Study for Sediment Basins in Tijuana River and Tributaries, San Diego, California:** Project Geologist during a geotechnical evaluation for the International Boundary and Water Commission (IBWC) Feasibility Study for Sediment Basins in the Tijuana River and Tributaries in San Diego County, California. The site is located along and adjacent to a section of the Tijuana River generally between the Dairy Mart Road and Camino de La Plaza. The site is situated within the flood plain between the north and south river levees. This portion of the Tijuana River consists of an unlined river channel with generally undeveloped land adjacent to the channel. The project includes development of basins within the area to capture sediment, trash, debris, and transboundary flows from the Tijuana River. The three basin layouts were being considered including: Alternative A: A series of sediment basins to be constructed within the existing river channel; Alternative B: River water to be diverted from the existing river channel into sediment basins constructed within the agricultural land to the north; and Alternative C: Combination of Alternative A and Alternative B. The purpose of our evaluation was to explore the subsurface soil and geologic conditions at the site and provide preliminary geotechnical findings, conclusions, and recommendations pertaining to the feasibility of the proposed sediment basins.



# John Draminski

EIT, CPESC, QSD/QSP

## Professional Experience

D-MAX Engineering, Inc., 2014 to Present

Booz Allen Hamilton, 2014

Department of Environmental Quality, State of Michigan, 2012-2014

## Education

Virginia Polytechnic Institute and State University, B.S., Civil Engineering, 2010

## Certifications/Registrations

Engineer-in-Training (EIT) Certification #0420061662, Virginia, 2010

Certified Professional in Erosion and Sediment Control (CPESC) #9199, 2018

Qualified SWPPP Developer (QSD)/Qualified SWPPP Practitioner (QSP) #26970, 2018



## Profile Summary

John Draminski is an Assistant Project Engineer with a Bachelor's degree in Civil Engineering with a concentration in Environment and Water Resources. Mr. Draminski has experience performing technical reviews of Water Quality Management Plans and hydrology studies, hydraulic analysis of open channels, creating hydrologic models, and developing construction and industrial Storm Water Pollution Prevention Plans (SWPPPs).

## Relevant Experience

**City of Chula Vista, Storm Water Services, Chula Vista, CA, Project Coordinator.** Developed construction stormwater inspection program for the Stormwater Department. Conducted stormwater inspections at construction sites, eventually overseeing other inspector's work. Prepared inspection reports and worked closely with the responsible party to ensure Best Management Practices (BMPs) were implemented and aligned with the requirements described in the City of Chula Vista's Jurisdictional Runoff Management Program (JRMP) and the site's Erosion Control Plan. Coordinated with City staff regarding escalated enforcement actions required to achieve compliance.

**City of National City, Storm Water Services, National City, CA, Task Lead.** Oversaw storm water inspections of active construction sites, including verifying construction of permanent BMPs. Prepared construction SWPPPs for the City's CIPs and assisted City staff with the State's SMARTS system. Reviewed Storm Water Quality Management Plans (SWQMP), hydrology

reports, and grading plans. Represented the City at Regional Land Development Workgroup meetings and updated the City's BMP Design Manual. Worked with City staff and contractors to ensure proper construction of treatment control BMPs.

**City of Lemon Grove, Storm Water Services, Lemon Grove, CA, Task Lead.** Mr. Draminski has completed construction inspections for compliance with City of Lemon Grove's minimum BMPs and to verify permanent BMPs are built per plan. Updated the City's BMP Design Manual and reviews SWQMPs and erosion control plans. Conducted routine storm water compliance inspections of permanent BMPs.



# John Quenzer

MS, CPSWQ, QSD/QSP

## Professional Experience

D-MAX Engineering, Inc., 2004 to present

City of San Diego,  
Environmental Services Division,  
2001-2002

## Education

Johns Hopkins University, M.S.,  
Environmental Engineering and  
Science, 2014

University of California, San  
Diego, B.S., Environmental  
Chemistry, 2002

## Certifications/Registrations

Certified Professional in Storm  
Water Quality (CPSWQ) #693,  
2011

Qualified SWPPP Developer  
(QSD)/Qualified SWPPP  
Practitioner (QSP) #24039, 2015



## Profile Summary

John Quenzer is a Principal Scientist who has been involved in a variety of water quality projects in San Diego County with over 18 years of experience. Mr. Quenzer possesses extensive experience in stormwater program management and interfacing with regulators.

## Relevant Experience

**City of San Diego, As-Needed Stormwater Services, San Diego, CA, Task Leader.** Technical lead on Stormwater Standards Manual updates, and provides stormwater training to plan reviewers and CIP project managers in other departments. Led the City's industrial, commercial, and structural BMP inspection programs in the past.

**City of National City, Storm Water Program, National City, CA, Project Manager.** Mr. Quenzer has managed the National City Storm Water Services project since 2006. Has helped the City win over \$10 million in grants for projects along Paradise Creek. Work included preparing conceptual designs; hydrologic, hydraulic, and water quality modeling; wet weather BMP effectiveness monitoring; construction SWPPPs and inspections; and project reporting. Represented the City in construction program audits by the San Diego Water Board.

**City of San Marcos, Storm Water Services, Santee, CA, Project Manager.** Recently completed training for City construction inspectors and oversaw transition to web-based inspection form and database. Managing update of the City's BMP Design Manual.

**City of Santee, Storm Water Services, Santee, CA, Project Manager.** Manages stormwater program as an extension of City staff, including construction and existing development inspections, complaint response, reporting, and plan reviews. Developing a proposed compliance approach for dry weather Bacteria TMDL compliance, including conceptual designs for CIPs to eliminate dry weather flow.





# Brittany Perkins

## Professional Experience

D-MAX Engineering, Inc., 2020 to Present

## Education

San Francisco State University,  
B.S., Environmental  
Conservation and Natural  
Resource Management, 2016

## Skills/Expertise

- Stormwater compliance inspections
- Construction BMP inspections
- Outfall monitoring
- Sampling
- Report preparation
- Data analysis



## Profile Summary

Brittany Perkins is a Staff Scientist II with a background in storm water resource management. She has experience conducting storm water inspections at construction sites, businesses, and municipal facilities.

## Relevant Experience

**City of Lemon Grove, Lemon Grove Storm Water Support, Lemon Grove, CA.** Conducted stormwater inspections within the City of Lemon Grove for construction sites to ensure minimum best management practices (BMPs) were implemented. Completed follow-up to resolve deficiencies. Inspected permanent BMPs to verify they were built per plan.

**City of National City, Stormwater Services, National City, CA.** Conducted construction inspections to ensure BMPs were implemented. Where necessary, managed follow-up correspondence and coordinated with City staff for any additional enforcement. Reviewed permanent BMP construction documentation submitted by contractors to verify SBMP was built per plan.

**City of Santee, Construction Inspections, Santee, CA, Support Staff.** Conducted stormwater inspections within the City of Santee for construction sites to ensure BMPs were implemented and aligned with the City's JRMP and the site's Erosion Control Plan.

Where necessary, performed follow-up inspections and coordinated enforcement with City staff to achieve compliance.

**Adurra Group, Inc., Construction Inspections, Escondido, CA, Support Staff.** Conducted stormwater construction inspections for Adurra Group, Inc. to ensure BMPs were implemented and aligned with the City of Escondido's JRMP. Where necessary, coordinated with the site supervisor to resolve any deficiencies and reviewed the Stormwater Pollution Prevention Plan (SWPPP) documentation.