

November 12, 2025

## Proposal to Provide On-Call Plan Review Services

### Prepared for:

City of Cupertino  
Community Development Department  
City Hall  
10300 Torre Avenue  
Cupertino, CA 95014-3255



Prepared by:  
BPR Consulting Group  
2130 Professional Drive, #150  
Roseville, CA 95661

## TABLE OF CONTENTS

---

### SECTION A | Cover Letter

Minimum Qualifications.....	iii
-----------------------------	-----

### SECTION B | Project Team Qualifications and Experience

Team Leadership.....	1
----------------------	---

Organization Chart.....	2
-------------------------	---

Key Personnel / Staff Bios.....	3
---------------------------------	---

### SECTION C | Firm Qualification and Experience

Firm Background and Description .....	7
---------------------------------------	---

Project Examples.....	8
-----------------------	---

### SECTION D | On-Call Services Approach

Scope of Work.....	13
--------------------	----

Plan Review Services.....	15
---------------------------	----

Quality Control / Schedule Control .....	22
--	----

Commitment to Analysis and Innovation .....	24
---	----

### SECTION E | Contract Acceptance

Acceptance Statement.....	26
---------------------------	----

### APPENDIX

#### Key Personnel Resumes

## SECTION A

### COVER LETTER

November 12, 2025

City of Cupertino  
Sean Hatch, Building Official  
10300 Torre Avenue  
Cupertino, CA 95014-3255



#### **RE: Statement of Qualifications (SOQ) | On-Call Plan Review Services**

Thank you for the opportunity to present this SOQ in response to the City of Cupertino's Request for Qualifications for On-Call Plan Review Services. We understand that the City of Cupertino is looking to partner with highly qualified and experienced professional firms who can provide plan check services to support the Building Division on a routine basis. ***We believe BPR has the experience and is uniquely well-equipped to provide the City with the requested services in an exceptional, professional and customer-focused manner.***

As our SOQ will demonstrate, our talented staff of plans examiners, building inspectors, licensed engineers, and CASp experts have extensive and recent experience providing building department services, similar to those being requested by the City of Cupertino, on behalf of numerous public agencies throughout the State of California, including the communities of Mountain View, Sunnyvale, Newark, Santa Cruz, Berkeley, American Canyon, Vacaville, Stockton, the Town of Yountville and the County of Napa, to name a few. BPR staff have in the past provided building department services for Menlo Park, Atherton, Milpitas, Pleasanton, Berkeley, San Ramon, Fairfield, Dublin and Vallejo.

BPR Consulting Group, privileged to maintain one of the largest and most highly qualified groups of Building and Safety professionals in the Northern California region, offers highly qualified staff holding professional licenses and/or ICC certifications within their chosen field. Our qualified professionals and expertise allow us to assist you and your department to maintain service levels during periods of increased construction activity and staffing fluctuations. ***Unlike the large national firms, BPR's services are focused on supporting California communities in the delivery of high-quality building department services***, tailored to your community's specific needs, with the goal of exceeding our clients' expectations by:

- Providing all services in a **cost-effective** manner.
- Providing **qualified and experienced personnel** who have the ability to provide complete and accurate plan reviews, communicate effectively and explain relevant code requirements to designers, contractors, and owner builders.

**BPR**

- Providing a **high level of customer service** for internal and external customers.
- Balancing the need to ensure conformance to standards and regulations with the need for **predictability, uniformity, and efficiency**.
- Providing services in a **timely** manner.

Thank you for taking the time to review our qualifications. I am an authorized agent of the firm and am able bind BPR to the terms of this proposal and attest that all information submitted is true and correct. Please feel free to contact me if you have any questions concerning our qualifications or the services we provide. I can be reached at 916.204.3178 or [rbeehler@bpr-grp.com](mailto:rbeehler@bpr-grp.com). We look forward to the opportunity to work with the City of Cupertino.

Sincerely,



Ron Beehler, SE, CBO

Principal / Director of Client Services

## Minimum Qualifications

The table below demonstrates that BPR exceeds the minimum requirements put forth in the RFP. All three principals of BPR are California Licensed Structural engineers. Furthermore, our team includes personnel who collectively possess all California licenses and ICC Certifications required to perform the requested services. We will not be using any subcontractors to provide the requested services.

Name	Current Licenses and Certifications	License/Cert. Number(s)	Expiration Date
<b>Ron Beehler, SE, CBO, ICC Principal-in-Charge</b>	CA Registered Professional Civil Engineer CA Registered Professional Structural Engineer NV Registered Professional Civil Engineer NV Registered Professional Structural Engineer CABO Certified Building Official ICC Certified Building Official ICC Building Code Specialist ICC Building Plans Examiner ICC Building Inspector	39404 3632 019992 019992 1492 801789 801789 801789 801789	12/31/2027 12/31/2027 12/31/2026 12/31/2026 --- 05/11/2027 05/11/2027 05/11/2027 05/11/2027
<b>Roger Peterson, SE Principal Project Manager</b>	CA Registered Professional Civil Engineer CA Registered Professional Structural Engineer ID Registered Professional Civil Engineer ID Registered Professional Structural Engineer	46096 3846 P-8225 P-8225	12/31/2026 12/31/2026 06/30/2026 06/30/2026
<b>Bill Rodgers, SE Principal Plan Review Manager</b>	CA Registered Professional Structural Engineer CA Registered Professional Civil Engineer NV Registered Professional Civil Engineer NV Registered Professional Structural Engineer ICC Residential Plans Examiner	4198 50673 18427 18427 10085086	09/30/2027 09/30/2027 12/31/2027 12/31/2027 8/31/2028
<b>Elena Hartsough, SE Structural Engineer</b>	CA Registered Professional Civil Engineer CA Registered Professional Structural Engineer	67675 5538	06/30/2027 06/30/2027







**CITY OF CUPERTINO**  
**STATEMENT OF QUALIFICATIONS | ON-CALL PLAN REVIEW SERVICES**

Name	Current Licenses and Certifications	License/Cert. Number(s)	Expiration Date
	ICC California Residential Mechanical Inspector ICC Building Inspector ICC Residential Building Inspector ICC California Commercial Electrical Inspector ICC California Commercial Combination Inspector ICC California Residential Combination Inspector ICC Residential Combination Inspector ICC Commercial Combination Inspector IAMPO UMC Res./Comm. Mechanical Inspector IAMPO UMC Res./Comm. Plumbing Inspector	1064528 1064528 1064528 1064528 1064528 1064528 1064528 1064528 MI90805 PI98661	07/14/2027 07/14/2027 07/14/2027 07/14/2027 07/14/2027 07/14/2027 07/14/2027 07/14/2027 09/16/2027 09/16/2027
<b>Rick Walters, CASp, LEED, CBO, ICC Building Inspector</b>	Certified Access Specialist ICC Certified Building Official ICC Building Code Official ICC Building Code Specialist ICC Combination Inspector ICC CA Residential Plumbing Inspector ICC CA Commercial Building Inspector ICC Mechanical Inspector ICC CA Residential Mechanical Inspector ICC CA Combination Inspector ICC CA Residential Electrical Inspector ICC Mechanical Inspector UMC ICC CA Commercial Plumbing Inspector ICC Building Plans Examiner ICC Electrical Inspector ICC Plumbing Inspector UPC ICC CA Building Plans Examiner ICC Combination Inspector – Legacy ICC Plumbing Inspector ICC CA Commercial Electrical Inspector ICC CA Commercial Mechanical Inspector ICC CA Residential Building Inspector ICC Building Inspector ICC CA Commercial Combination Inspector ICC CA Residential Combination Inspector ICC Commercial Combination Inspector CA LEED Certified LEED AP BD+C IAPMO Certified Plumbing Inspector IAPMO Certified Mechanical Inspector	CASp-439 1061008 10436985 030666 090146	08/02/2027 01/29/2026 ---
<b>Arron Mauldin, ICC Plans Examiner</b>	ICC Residential Plans Examiner	9316273	10/12/2025
<b>Vernon Brown Fire Plans Examiner Fire Inspector</b>	ICC Fire Plans Examiner ICC Fire Inspector II ICC Building Plans Examiner CSFM Certified Fire Officer CSFM Certified Fire Prevention Officer I	852032 852032 852032 000773 771028	03/01/2027 03/01/2027 03/01/2027



## SECTION B

### PROJECT TEAM QUALIFICATIONS AND EXPERIENCE



## SECTION B

### PROJECT TEAM QUALIFICATIONS AND EXPERIENCE

#### TEAM LEADERSHIP

##### Ron Beehler, SE, CBO\*

##### PRINCIPAL-IN-CHARGE



Ron is licensed as a Civil and Structural Engineer in California and Nevada, certified by the International Code Council as a Building Official, Plans Examiner and Building Inspector. Ron is uniquely qualified to evaluate and manage all building department services. He utilizes experience gained through more than 35 years of hands-on experience performing life safety, accessibility and structural plan reviews to successfully manage building department plan review services, including building department plan review services for high-profile projects on behalf of public agencies throughout California. Ron recently served as Chairman of CALBO's Structural Committee. Ron will manage all contract and billing issues and will be the individual authorized to negotiate and execute the Consultant Services Agreement with the City. **Years of Experience:** 36

##### Roger Peterson, SE\*

##### PROJECT MANAGER / STRUCTURAL PLAN REVIEW



Roger is a California licensed Civil and Structural Engineer, and an experienced building safety professional with 35 years of experience in structural design, building plan review and plan review management. Roger has provided project management services for all types of building structures including single and multi-story steel, and concrete-framed buildings, as well as structures utilizing timber, and masonry framing systems. In addition to many years performing all aspects of plan review, Roger's experience includes the supervision and management of plan review of numerous high-profile and fast paced multi-story building projects for multiple public agency clients including management of inspection programs for these same types of projects. **Years of Experience:** 35

##### Bill Rodgers, SE\*

##### PLAN REVIEW MANAGER / STRUCTURAL PLAN REVIEW



Bill is a California licensed Civil and Structural Engineer with over 30 years of experience in the field of structural engineering, including over 20 years of experience as a plan review engineer. Bill has worked closely with building departments across the State of California and has assisted government agencies with numerous projects of varying size and type. His wealth of experience includes managing plan review services throughout California and Nevada on behalf of public agency clients and performing structural plan reviews for commercial and residential projects. Bill will serve as the City's Plan Review Manager. **Years of Experience:** 31

## TEAM ORGANIZATION

As a full-service building department consulting company, BPR Consulting Group maintains a staff of over 110 individuals with the appropriate experience, aptitude and qualifications to perform all aspects of the building department services the City is requesting. Our significant depth of staff resources allows BPR the ability to address our clients' needs quickly and seamlessly, providing one or multiple building safety professionals to meet requested staffing needs. The Organization Chart below provides an overview of the staff expected to serve the City of Cupertino.



## PERSONNEL EXPERIENCE AND QUALIFICATIONS

The brief biographies below illustrate the depth of ability and experience on the BPR team. BPR staff are committed, dedicated professionals who work together in a collaborative, supportive manner, in service to our municipal clients. All our staff maintain appropriate certifications or professional licenses for the services they provide. Additional details of our proposed team's key personnel experience and expertise can be found on their individual **resumes** in the **Appendix**. (\* Indicates Key Personnel)

### Elena Hartsough, SE\*

### STRUCTURAL PLAN REVIEW

Elena is a California licensed Structural Engineer with over 20 years of experience plan reviewing and designing building structures utilizing the California Building Codes, from small home renovations to large warehouse spaces, custom homes and steel and concrete framed buildings. Elena's strengths include experience with multiple building materials including wood, light-gage, masonry, steel and concrete; knowledge of the California Building Code and proficiency in relevant software programs including Enercalc, SAP2000, L-Pile and AutoCAD. **Years of Experience:** 23

### Charles Nganga, SE\*

### STRUCTURAL PLAN REVIEW

Charles is a California licensed Structural Engineer with a Master of Science degree in Civil Engineering from California Polytechnic State University in San Luis Obispo. He is also a certified ICC plans examiner with 10 years of experience. His work experience, excellent education and solid commitment to the building industry have enabled Charles to develop a track record of consistently providing clients with exceptional service. Charles shares his skill and knowledge with other building safety professionals by developing and teaching building code related classes.

**Years of Experience:** 11

### Kyle Hansen, PE\*

### STRUCTURAL PLAN REVIEW

Kyle is a California licensed Civil Engineer with relevant experience providing plan review services to California public agencies to ensure compliance with all relevant and applicable building codes, ordinances and requirements. Kyle offers incredible attention to detail and an admirable focus on customer service. **Years of Experience:** 10

### Peter Simonsen, PE\*

### STRUCTURAL PLAN REVIEW

Peter is a California licensed Civil Engineer with relevant experience providing plan review services to California public agencies to ensure compliance with all relevant and applicable building codes, ordinances and requirements. Peter brings careful attention to detail and a clear focus on customer service. Peter focuses primarily on structural review as he works towards becoming a licensed structural engineer. **Years of Experience:** 8

### Medhat Henen, PE, MCP, ICC, CASp

### STRUCTURAL PLAN REVIEW

Medhat is a California Licensed Civil Engineer and Master Code Professional with over 29 years of experience in a broad range of civil engineering, structural design, inspection and plan check roles for a multitude of building structure types. Medhat is highly skilled and effective at ensuring compliance with all relevant and applicable building codes, ordinances and requirements. **Years of Experience:** 30

---

**Robert Badmaghanian, EIT, Structural Plans Examiner**

PLAN REVIEW

Robert has eleven years' experience as a structural plans examiner leading complex architectural and structural plan reviews for commercial and residential projects with a strong focus on regulatory compliance, technical assessments, and stakeholder collaboration. Robert brings a proven ability to streamline permitting processes, provide expert consultation, and coordinate across internal and external teams while staying current with industry regulations and best practices. **Years of Experience:** 11

---

**Colin Grimm, EIT, Structural Plans Examiner**

PLAN REVIEW

Colin earned a degree in civil engineering with an emphasis on structural design. In his role as a structural plans examiner, Colin applies technical expertise, along with strong data analysis and technical writing skills, to plan reviews of all types of projects including single and multi-family residential, commercial, medical and hospitality projects. With a passion for building, Colin is both an enthusiastic team player and a proven leader.

**Years of Experience:** 4

---

**Valentina Olivieri, Structural Plans Examiner**

STRUCTURAL PLAN REVIEW

Valentina is skilled at evaluating and reviewing building plans, engineering/structural calculations, specifications, geotechnical investigations, engineering reports, etc. for compliance with building codes, policies, and jurisdictional requirements for residential buildings, minor commercial and industrial projects. **Years of Experience:** 4

---

**Denise Reese, CBO, ICC\***

PLAN REVIEW

Denise is an ICC certified Building Official and Life Safety Plans Examiner. She has extensive experience performing life-safety, architectural, mechanical, plumbing, electrical, and minimal structural reviews in residential, multi-family and commercial projects, including OSHPD-3 licensed facilities. This valuable experience is also evident in that Denise specializes in working with applicants, designers and jurisdictions, having successfully served multiple California communities. **Years of Experience:** 14

---

**Thomas Trimberger, ME, CBO, ICC\***

MECHANICAL PLAN REVIEW

Thomas has more than 30 years of experience working within building departments both successfully providing and supervising virtually all building department functions. Thomas is a California licensed Mechanical Engineer, ICC certified Building Official, Plans Examiner and Building Inspector. His extensive experience and knowledge enable him to provide excellent services to our clients. Thomas is skilled at developing relationships with developers, designers and the community to ensure plan reviews, inspections and development review functions are performed in an effective and efficient manner. He continuously assists clients by providing guidance and education on the construction and inspection process. Always helpful, personable, professional and successful in delivering a high level of customer service. **Years of Experience:** 31

---

**Jingpei Zhang, EE, ICC\***

ELECTRICAL PLAN REVIEW

Jingpei is a California licensed Electrical Engineer. He holds a master's degree in Electrical and Electronic Engineering. His extensive experience in designing a variety of facilities and systems enables him to provide excellent plan review services. His experience includes the design of electrical distribution systems for healthcare centers, data centers, commercial and industrial buildings, and educational facilities. **Years of Experience:** 28

## Maxwell Weninger, ICC, EIT

## ELECTRICAL PLAN REVIEW

Maxwell is an electrical engineer plans examiner with ICC certification, working towards his professional engineering license. Max brings experience reviewing electrical plans for a wide variety of projects including large-scale multistory hotels, large-scale apartment buildings, industrial facilities, large- and small-scale residential structures and residential solar projects. Max is an effective communicator and a team player, always striving to make the plan review process as smooth as possible for applicants. **Years of Experience:** 6

## Andrew Burke, CASp, ICC\*

## BUILDING AND CASP PLAN REVIEW

Andrew is a Certified Access Specialist and ICC certified Plans Examiner with more than 10 years of industry experience in plan review, inspection, administration and estimating. Andrew has extensive plan check experience in multi-story mixed use projects and provides in-depth review of accessibility issues to ensure compliance with all California Building Codes. His CASp certification provides him with the ability to ensure all aspects of accessibility have been achieved. His formal training in ICC codes, as well as on-the-job experience, helps him to provide thorough and accurate commercial and residential plan reviews and inspections. Andrew is an excellent asset to any building department both in the office and out in the field. **Years of Experience:** 12

## Kevin Brenton, CBO, CASp, ICC

## BUILDING AND CASP PLAN REVIEW

Kevin is an experienced building Plans Examiner and ICC certified Building Official, a CASp professional and Commercial Combination Building Inspector with 25 years in the construction and inspection industry combined. He is an active local chapter member of the International Association of Plumbing and Mechanical Officials and active member of the local chapter of the International Code Council. **Years of Experience:** 25

## Tammie Rikard, ICC

## BUILDING PLAN REVIEW

Tammie has over 30 years of experience in municipal government, performing a wide range of functions in Community Development, Building and Planning Divisions. Her education, certifications and experience provide her with a well-rounded and broad- based capability to deliver excellent customer service in all capacities of permit center management, building code administration, plan review and field inspection within a development services department. **Years of Experience:** 32

## Rick Mauldin, CASp, ICC

## BUILDING AND CASP PLAN REVIEW

Rick is a skilled Plans Examiner and Inspector for major multi-discipline and multi-level building projects, known for providing inclusive plan examinations and support to fellow co-workers and various jurisdictional building staff. As a Building Official, Senior Plans Examiner and Senior Inspector, Rick has over 35 years of management, inspection, contracting, building inspection, and building code compliance review experience, including experience with both a city agency and the private sector. **Years of Experience:** 38

## Rick Walters, CASp, LEED, CBO, ICC

## BUILDING AND CASP PLAN REVIEW

Rick has numerous years of experience in the construction industry with over 30 of those years in the building inspection industry. Rick has experience as a Building Official and Inspector. He has provided senior inspector services in disaster zones for floods and wildfires which required communication with the National Guard, elected officials and law enforcement. Additionally, Rick is experienced in inspection management, council meetings,

planning meetings, city and county design review meetings, field inspections, permit tracking and issuance, record keeping, construction techniques, and office procedures. **Years of Experience:** 35

#### **Arron Mauldin, ICC**

BUILDING PLAN REVIEW

Arron is an ICC certified Plans Examiner with significant experience providing non-structural plan reviews for multiple California Building Departments. Arron utilizes his code knowledge, exceptional communication skills, and attention to detail to assist project owners and designers with successful resolution of identified code compliance issues. **Years of Experience:** 4

#### **Gabriela Scott, ICC**

PLAN REVIEW

Gabriela has over 26 years of combined experience as a plans examiner, building inspector and building official. She is skilled in providing plan review, as well as building and fire sprinkler inspections, for residential, commercial and industrial buildings. Gabriela also brings extensive experience regarding Green Building requirements and accessibility issues, and superior customer service skills. **Years of Experience:** 27

#### **Markos Seven, ICC**

PLAN REVIEW

With a bachelor's degree in electrical engineering, Mark's plan review focus is on mechanical, electrical and plumbing plans and specifications, reviewing documents for compliance with applicable MEP codes, ordinances and regulations. Mark's experience includes seventeen years in the building construction industry on commercial and residential projects, malls, health care, and airports, with extensive experience with Electrical, Mechanical, and Plumbing (MEP). He has broad experience in strategic planning, the entire project management cycle, defining project constraints, risk assessment, and performance measures. Mark is diligent, detail-oriented and is adept at working with all project stakeholders. **Years of Experience:** 14

#### **Bradley Chung, EIT**

PLAN REVIEW

With a bachelor's degree in electrical engineering, Mark's plan review focus is on mechanical, electrical and plumbing plans and specifications, reviewing documents for compliance with applicable MEP codes, ordinances and regulations. Mark's experience includes seventeen years in the building construction industry on commercial and residential projects, malls, health care, and airports, with extensive experience with Electrical, Mechanical, and Plumbing (MEP). He has broad experience in strategic planning, the entire project management cycle, defining project constraints, risk assessment, and performance measures. Mark is diligent, detail-oriented and is adept at working with all project stakeholders. **Years of Experience:** 14

#### **Vernon Brown, ICC**

FIRE PLAN REVIEW

Vernon brings over 40 years of experience within municipal government agencies as a career member of the fire service. He has managed and participated in a wide range of projects in code development, plan review, inspections, hazard analyses, fire investigation, fire suppression, personnel management, policy development, budget development, and curriculum development. Vernon has instructed for over nineteen years for the California State Fire Marshal's Office and American River Community College on the subjects of History of Fire Prevention; Inspection Practices; Code Enforcement Practices; and Flammable Liquid Storage Practice. **Years of Experience:** 40

## SECTION C

### FIRM QUALIFICATIONS AND EXPERIENCE



## SECTION C

### FIRM QUALIFICATIONS AND EXPERIENCE



**BPR Consulting Group** was founded with the sole focus of providing high quality, thorough building department services on behalf of California communities. Our leadership team has worked together for the past 19 years and **collectively possesses more than 100 years of experience** providing building safety services to cities, counties, state agencies and other municipal agencies throughout California, including multiple Bay Area communities.

Our focus is to support California Building Departments in a professional manner by providing responsive, efficient, timely and professional building safety services for the communities we serve. Our staff of building safety professionals have extensive experience providing all aspects of building safety services and presently provide building department plan review and building inspection services, similar to those being requested, to multiple California Building Departments. We are also experienced in providing plan review, inspection and permitting services for high profile and unique projects. We presently work with over 80 public agencies throughout California to provide these same services. Our California-based staff are experienced in providing the services requested and are qualified and available to serve the City of Cupertino. We will not be utilizing any subconsultants to provide the requested services.

**Our staff of nearly 80 building safety professionals** consists of California licensed structural, civil, mechanical, electrical and fire protection engineers; Certified Access Specialist (CASp) professionals; ICC-certified building inspectors, building officials, plans examiners, fire plans examiners, fire inspectors, permit technicians, and highly experienced administrative personnel.

Building department services we provide for local municipalities and agencies include:

- Building safety plan review services
- Building inspection services
- CASp plan review and inspection services
- Civil plan review and inspection services
- Building department staffing services
- Permit technician services
- Fire prevention plan review and inspection services
- Building official services

Our team has a proven track record of providing efficient and predictable building and safety services in support of California communities and for unique and fast paced building projects. Our key objectives in providing these services in support of the City of Cupertino are as follows:

- **To share our wealth of building project experience.**
- **To provide timely and responsive plan review services.** Our well-qualified, professionally licensed team of plans examiners will provide you with efficient and timely building department plan review services.
- **To be responsive to your specific staffing needs.** As construction and development activity fluctuates within your community, we will adjust our service levels to maintain seamless service for your customers.
- **To provide staff who have the appropriate experience, certifications, and knowledge.** We will utilize appropriately experienced and qualified staff to perform all identified services.
- **To provide staff to work within City offices** as needed.

## Local Experience



BPR's staff members have significant experience providing plan review and building inspection services to multiple local Bay Area and Northern California communities, similar to those being requested by the City of Cupertino. We believe this local experience has allowed our staff to grasp and thoroughly understand the unique requirements and standards enforced by building departments throughout these Bay Area and Northern California communities. Additionally, this local experience has allowed our staff to develop professional networks within local building departments that may be utilized as resources in the event of challenging or unique project conditions. We believe this local presence, experience, and knowledge provides a benefit to our clients by allowing our staff to provide services for the City of Cupertino in a manner consistent with those of surrounding

communities often supporting the same development community. Staff proposed to serve the City of Cupertino have worked with numerous Bay Area communities including the cities of Menlo Park, American Canyon, Benicia, Atherton, Milpitas, Berkeley, San Ramon, Sunnyvale, Vacaville, Fairfield, the County of Napa, and the Town of Yountville.

## PROJECT EXAMPLES

Seamlessly integrating municipal service professionals in support of public agencies is BPR Consulting Group's sole purpose and the basis on which we were founded. Below you will find three references, with descriptions of projects completed within the past five years which exemplify BPR's qualifications, expertise and technical capabilities to fulfill all services specified.

### CITY OF SUNNYVALE

**Contact: Suzanne Park, Chief Building Official**

456 W. Olive Avenue, Sunnyvale, CA 94086 | 408.730.7464 | spark@sunnyvale.ca.gov

#### 5-Story Residential Building with 3-Level Parking Garage

BPR is presently providing structural, life safety, access, mechanical/plumbing, and electrical plan review services for this new 362,585 s.f. building which consists of a 5-story residential building of Type III-A wood framed residential and related amenity spaces over three (3) levels of Type I-A parking garage. The building has 225 residential dwelling units and an overall height of 88'-6". Lot size is 87,156 s.f. The building is fully fire sprinklered. Amenities include pool, spa, outdoor courtyards, indoor and outdoor fitness area, and clubhouse with outdoor terrace.



**Project Manager: Roger Peterson, SE**

**Subconsultants: none**

**Final Contract Cost (Project Valuation): \$95,200,000**

### Office/Data Center Warehouse

BPR provided life safety, access, MEP, and on-site civil plan review services for this 35,500 s.f. office/data center (warehouse) project. The two-story building utilizes Construction Type V-N, with Occupancy Group B, and is fully fire-sprinklered. Project included new interior walls, doors, ceilings, new restrooms, etc. Also included new mechanical, process piping and electrical layouts to accommodate new high density data center and interior layouts, new mechanical equipment on rooftop with structural roof framing upgrades.



**Project Manager:** Roger Peterson, SE

**Subconsultants:** none

**Final Contract Cost (Project Valuation): \$26,000,000**

### Clean Room - Laboratory Facility

On behalf of the City of Sunnyvale BPR provided pre-submittal building plan review services for the design and construction of a new five-level clean room-lab facility with mezzanines. The project included a large equipment yard. Construction of the building is comprised of reinforced concrete between the mat foundation and Level 3, with structural steel above Level 3. Plan review submittals included Site Improvements; MEP - Early Works and Interior Architectural, and Core & Shell; MEP – Main Building Utility Fitout; Site Landscaping; and MEP – Support Space Utility Fitout and Final System Design. These pre-submittal review services helped to ensure any major code issues were identified and corrected prior to formal submission to the City of Sunnyvale.



**Project Manager:** Bill Rodgers, SE

**Subconsultants:** none

**Final Contract Cost (Project Valuation): not disclosed**

---

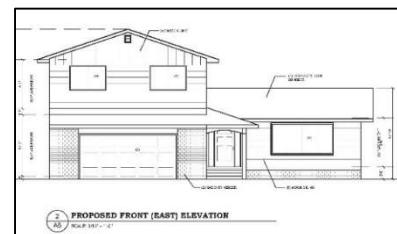
## CITY OF NEWARK

**Contact:** Matthew Farrell, Chief Building Official | Building Inspection Division PW

37101 Newark Boulevard, Newark, CA 94570 | 510.578.2417 | [matthew.farrell@newark.org](mailto:matthew.farrell@newark.org)

### Major Home Remodel

BPR Consulting Group provided complete building department plan review services for this home remodel project which included extensive demolition and new construction on both the first and second levels of the home, removal of a balcony and fireplace, reconfiguring and expanding the kitchen including adding a vaulted ceiling, addition of a half bath and full bath, relocation of laundry facilities, reconfiguration of bedrooms and closets. Construction is Type VB with Occupancy Groups R-3/U. Total living area is unchanged at 2,335 s.f.



### Major Home Remodel (cont'd)

**Project Manager:** Bill Rodgers, SE

**Subconsultants:** none

**Final Contract Cost (Project Valuation): \$150,000**

### Data Hall Remodel

BPR provided full plan review services for this data hall remodel project located in a business/technology park. Project scope consisted of retrofit works to facilitate adding five (5) rows of Liquid Cooled (LC) to NWK138B to support an additional 40 LC racks. This retrofit will add 40 more racks at 1.8MW, (5) more half rows with LC connections and (3) busways per half row. Project also added dual busway support for the non-water-cooled racks. Area of work was 33,132 s.f. inside a one story, 128,566 s.f. facility. The building utilizes Construction Type II-B with Occupancy Group B and is fully sprinklered.



**Project Manager:** Roger Peterson, SE

**Subconsultants:** none

**Final Contract Cost (Project Valuation): \$4,000,000**

### Cedar Boulevard Townhomes

BPR provided full plan review services for this project which consisted of fourteen (14) residential buildings comprising a total of 76 attached dwelling units. The 14 buildings range in total living area from 8,248 s.f. to 9,880 s.f., for a total of 36,104 s.f. of living space. Garage areas on the first-floor range in size from 2,369 to 2,874 s.f. for a total of 9,825 s.f. of garage space. The buildings are all fully sprinklered.



**Project Manager:** Bill Rodgers, SE

**Subconsultants:** none

**Final Contract Cost (Project Valuation): \$891,540**

---

## CITY OF WEST SACRAMENTO

**Contact:** Roxanna Recinos-Serna, Chief Building Official

1110 West Capitol Avenue, 2<sup>nd</sup> Floor, West Sacramento, CA 95691

916.617.4683 | [roxannar@cityofwestsacramento.org](mailto:roxannar@cityofwestsacramento.org)

### Marriott Residence Inn:

The Marriott Residence Inn project consisted of the plan review of a new 84,576 s.f. five story hotel building and associated site improvements. The proposed building is Type IIIA Construction with Groups R-1, B and A-2 Occupancies and will be fully fire sprinklered. The construction of the building consists of pre-manufactured wood roof trusses and manufactured wood I-joists supported by wood



framed bearing walls. The structure is supported on convention continuous and pad footings with a concrete slab-on-grade at the ground level. The lateral force resisting system consists of light framed wood walls sheathed with wood structural panels. The building houses offices, a meeting room, dining room, buffet area, living room, front desk, bar, laundry room, mechanical and electrical rooms, a fitness area and guest rooms at the first-floor level. The second through fifth floors contain guest rooms. Site improvements include landscaping, parking lots with accessible parking and paths of travel, signage, concrete ramps, concrete sidewalks, accessible curb ramps, trash enclosures, screen walls and an outdoor pool. BPR Consulting Group provided complete building department plan review services for this project including site improvements. BPR CASp professionals provided accessibility review of the hotel building and all site improvements to verify compliance with accessibility requirements.

**Project Manager: Bill Rodgers, SE**

**Subconsultants: none**

**Final Contract Cost (Project Valuation): \$12,000,000**

### **Westgate / Carefield Senior Living Facility**

BPR Consulting Group provided complete building department plan review services for this project. Additionally, BPR licensed civil engineers and certified CASp professionals provided review of the site improvements and the accessibility review of the site, respectively. The Westgate Assisted Living Facility project consists of the plan review of a new 105,724 s.f., two-story assisted living facility and associated site improvements. The building is Type VA Construction with Occupancy Groups R-2.1, A-2, A-3 and B and is fully fire sprinklered. The construction of the building consists of pre-manufactured wood roof trusses and manufactured wood I-joists supported by wood framed bearing walls. The structure is supported on a 10" thick post-tensioned mat slab at the ground level. The lateral force resisting system consists of light framed wood walls sheathed with wood structural panels. The building houses offices, lobby area, bistro, multi-purpose room, library, lounge, exercise studio, kitchen, beauty parlor, clinics, dining areas, games / activity areas, laundry room, memory care, mechanical and electrical rooms and resident's rooms at the first-floor level. The second floor contains residents' rooms. Site improvements include landscaping, an outdoor courtyard, parking lots with accessible parking and paths of travel, signage, concrete sidewalks and walking paths, accessible curb ramps, trash enclosures and fencing.



**Project Manager: Bill Rodgers, SE**

**Subconsultants: none**

**Final Contract Cost (Project Valuation): \$24,400,000**

## Additional Relevant Projects

### JUDICIAL COUNCIL OF CALIFORNIA

BPR principals have been responsible for contracting for and providing plan review services to the Judicial Council of California on numerous capital and facility modification projects throughout California since 2008.

#### Santa Clara County Family Justice Center

BPR's staff provided plan checking services of construction documents in the working drawing phase. The SCCFJC is a 233,695 s.f. eight-story 20 courtroom Family Justice Center with a basement courthouse structure. Construction is Type IA with Occupancy Groups A-2, A-3, B, I-3 and S-2. The building is fully fire sprinklered. The SCCFJC consists of a structural steel frame with exterior curtain wall, and contains a self-help center, a child waiting area, space for justice partners, court rooms, jury chambers, judicial chambers, secure central holding area, separate hallways for in-custody detainees, administrative office spaces, and sallyports for security and other associated facilities. The SCCFJC is LEED-NC Silver certified.



### CITY OF AMERICAN CANYON

#### Warehouse Office TI

BPR provided **building plan review** services for this 7,994 s.f. tenant improvement project. The project consisted of adding two new office spaces inside an existing warehouse/distribution center: one (1) 7,143 s.f. office space and one (1) 851 s.f. office space. The offices utilized Construction Type III-B, with Occupancy Groups B and S-1. The large office space included an open office area, private offices, 20-seat boardroom, conference room, laboratory, break room, and restrooms. The smaller office space consisted of an open office area, small breakroom and restrooms.



#### Hampton Inn

BPR is currently providing building plan review services for this 65,711 s.f. hotel project. The project, located on a 2.67-acre site, includes a three-story, 61,041 s.f., 112-room hotel with porte cochere, swimming pool and deck, and trash enclosure. The building utilizes Construction Type V-B with Occupancy Groups R-1, B, A-2, A-4, and S-2. The building is fully fire-sprinklered per NFPA 13, with a monitored fire alarm system and smoke detectors.



## SECTION D

### ON-CALL SERVICES APPROACH



## SECTION D

### ON-CALL SERVICES APPROACH

BPR is fully prepared and qualified to provide the requested plan review services described in the RFP:

#### SCOPE OF WORK

- **BPR** will provide a comprehensive and detailed electronic plan review for all types and sizes of residential and commercial projects submitted to the City for permitting. The review will verify that the design, as detailed in the plans and supporting documents, is in full conformity with all applicable state and local regulations. All reviews will be performed by professionals qualified in their respective disciplines.
- **BPR** will conduct all reviews on the electronically submitted documents using the Cupertino electronic plan review system called ProjectDox. BPR's plans examination team has experience utilizing ProjectDox plan review software and presently utilizes ProjectDox for services for other clients. BPR will provide detailed, code-cited comments for all identified deficiencies in a written report.
- **BPR** will perform subsequent back-check reviews of revised submittals until the plans are determined to be in substantial compliance with applicable codes and standards.
- **BPR** plans examiners will provide comprehensive plan reviews to encompass all relevant portions of the currently adopted California Code of Regulations (Title 24) and the City of Cupertino Municipal Code.
- **BPR** will provide plan reviews which address, but are not limited to, any or all of the following disciplines as the plans require:

**Fire and Life-Safety:** A thorough review for compliance with the California Building Code (CBC) and California Fire Code (CFC), including:

- ✓ Occupancy classification and occupant load calculations.
- ✓ Means of egress, including exit access, exit discharge, capacity, and travel distances.
- ✓ Fire-resistance-rated construction for walls, floor/ceiling assemblies, and shaft enclosures.
- ✓ Design and layout of fire protection systems, including automatic fire sprinkler and alarm systems.
- ✓ Smoke control systems and features.
- ✓ Fire department access roads and water supply.

**Accessibility:** A detailed review for compliance with CBC Chapters 11A (Housing Accessibility) and 11B (Accessibility to Public Buildings), including:

- ✓ Accessible routes to and through the site, common use areas, and public spaces.
- ✓ Required number and distribution of accessible dwelling and lodging units.
- ✓ Compliance of interior features with accessibility standards.
- ✓ Accessible parking and passenger loading zones.
- ✓ Proper placement and design of accessible signage.

**Structural:** A complete review of structural plans and supporting calculations for compliance with the CBC and referenced standards (e.g., ASCE 7), including:

- ✓ Verification of design loads, including gravity, wind, and seismic forces.
- ✓ Compliance of the foundation and framing systems with the design criteria.
- ✓ Completeness of structural details, connections, and material specifications.
- ✓ Review of geotechnical reports and their incorporation into the foundation design.
- ✓ Requirements for deferred submittals and special inspections.

**Plumbing:** A review of all plumbing plans and riser diagrams for compliance with the California Plumbing Code (CPC), including:

- ✓ Calculation of required plumbing fixture counts.
- ✓ Proper sizing and layout of water supply, distribution, and gas piping systems.
- ✓ Design of sanitary drainage, waste, and vent (DWV) systems.
- ✓ Provisions for cross-connection control and backflow prevention.

**Mechanical:** A review of mechanical plans for compliance with the California Mechanical Code (CMC), including:

- ✓ Design and sizing of heating, ventilation, and air conditioning (HVAC) systems.
- ✓ Equipment schedules, ductwork layouts, and ventilation calculations.
- ✓ Design of exhaust systems, including clothes dryer, kitchen, and bathroom exhausts.
- ✓ Condensate disposal and combustion air provisions.

**Electrical:** A review of electrical plans for compliance with the California Electrical Code (CEC), including:

- ✓ Service and feeder sizing, load calculations, and panelboard schedules.
- ✓ Grounding and bonding requirements.
- ✓ Wiring methods, conductor sizing, and overcurrent protection.
- ✓ Layout of lighting, receptacles, and equipment connections, including emergency power systems.

**Energy:** A comprehensive review for compliance with the California Energy Code (CEnC), including:

- ✓ Verification of all required compliance documentation (e.g., Certificate of Compliance).
- ✓ Analysis of the building envelope, including insulation, roofing, and fenestration U-factor/SHGC values.
- ✓ Confirmation of high-efficiency mechanical systems for heating, cooling, and water heating.
- ✓ Verification of lighting system compliance, including luminaire efficacy and control requirements.
- ✓ Confirmation of mandatory photovoltaic (PV) system requirements for applicable occupancies.

**Green Building Standards:** A review for compliance with all mandatory measures of the California Green Building Standards Code (CALGreen), including:

- ✓ Planning and Design requirements for stormwater management and site development.

- ✓ Indoor and outdoor water efficiency, including fixture flow rates and irrigation systems.
- ✓ Construction waste management and diversion requirements.
- ✓ Pollutant control for low-emitting materials and proper indoor air quality/ventilation.
- ✓ Verification of electric vehicle (EV) charging infrastructure requirements.
- **BPR** has designated Roger Peterson, SE, to serve as Project Manager and be the primary point of contact for all communications between the City and the BPR. Roger will be responsible for managing all correspondence, including comments and approval letters; maintaining an orderly record of all projects under review; and overseeing the submittal of the BPR's billing statements. Roger will be available during normal business days to respond to City inquiries regarding project statuses and code-related questions.
- **BPR** plans examiners will provide all plan review communications in a clear and concise manner, with direct references to the applicable codes or standards.
- **BPR** will use the City's electronic plan review system, ProjectDox, to perform all reviews and to upload required comment letters or approval letters in accordance with established City procedures.
- **BPR** will submit all invoices via email to: permitcenter@cupertino.gov upon the completion of each review cycle.
- **BPR** understands that City staff will initiate a review by electronically notifying BPR of an incoming submittal, which will include a transmittal letter containing all necessary permit and fee information. The submittal will then be formally assigned to BPR within ProjectDox for tracking and completion. Once a review is finished, BPR will upload any resulting comment letter into the "Review Comments" folder within ProjectDox.
- **BPR** will complete the assigned workflow task in the system, which automatically notifies City staff that the review is complete.
- **BPR** will not accept any submittals or resubmittals directly from permit applicants.

## PLAN REVIEW SERVICES

Providing timely and efficient Building Department services to public agencies throughout California is BPR's primary focus and expertise. Functioning as an extension of City staff, it is our goal to provide efficient and effective plan review services by making every effort to identify all code related deficiencies, if any, in the first plan review cycle. A thorough first review facilitates the plan review process by enabling the applicant to address issues quickly and the City to issue permits within an expected timeframe. On the following pages we present detailed information regarding BPR's ability, qualifications and approach to providing the requested plan review services.

BPR's plans examiners and California licensed engineers will provide comprehensive plan review services to the City and review submitted project documents for compliance with all applicable Federal, State and local codes and ordinances. Plan review services will include review of project documents



for compliance with applicable architectural, structural, mechanical, electrical, plumbing, energy, green building, accessibility, grading and drainage, and landscape requirements including review of geotechnical and geologic reports, energy compliance documentation, electrical load calculations, structural calculations, and City of Cupertino Municipal Code requirements.

Our plans examiners have a thorough understanding of code requirements, are able to read, understand and interpret construction documents, topography and grading plans, energy calculations, geotechnical reports, structural calculations, electrical load calculations, commissioning reports, and other associated design documents. Our plans examination staff have the ability to prepare well-written plan review letters, communicate effectively orally and in writing and work effectively with City staff, project design teams, contractors and permit applicants. Our plans examiners possess knowledge of the most current state and local adopted building standards.

### **Architectural**

BPR's non-structural plans examiners have provided plan review services for a vast array of projects including large residential, commercial, institutional, industrial, retail, and OSHPD 2, 3 and 5 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 commercial 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 (Title 24) Parts 1 through 6 and 9
- International Building Code (IBC)
- Americans with Disabilities Act Standards for Accessible Design
- ANSI Standards
- NFPA Codes & Standards
- California Code of Regulations (CCR) Titles 19 and 25
- Jurisdiction-Adopted Amendments or Ordinances
- California Existing Building Code
- California Historical Building Code

### **Structural**

Our structural engineers have extensive experience reviewing and designing building projects subjected to the significant seismic loads necessitated by the geographic location of the City of Cupertino. Our structural engineers have reviewed all types of projects including residential, multi-family, commercial, and multi-story projects including mid-rise and high-rise projects, institutional projects, industrial projects, retail buildings, schools, medical office buildings and court facilities.

Our structural engineers have experience designing and reviewing projects constructed with all building materials including the following:

- Wood
- Reinforced Masonry
- Heavy Timber / Timber Frame / CLT
- Reinforced and Prestressed Concrete
- Stressed Skin Panels
- Structural Steel
- Light Gauge Steel Framing
- Straw Bale
- Rammed Earth
- Insulated Concrete Forms, (ICF)

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

- Structural steel moment frames
- Buckling-restrained braced frames
- Eccentric braced frames
- Concentric braced frames
- Concrete moment frames
- Wood shear wall systems
- Masonry shear wall systems
- Concrete shear wall systems
- Cantilevered column systems
- Pre-stressed and post-Tensioned Concrete
- Various proprietary lateral force resisting systems

Our structural engineers and inspectors are experienced with the provisions of most model codes including current versions of:

- CCR Title 24, Part 2, Volumes 2 & 2.5
- 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
- California Historic Building Codes
- California Existing Building Codes
- NEHRP

### **Mechanical, Plumbing & Electrical**

BPR's mechanical and electrical engineers are well versed in the California Mechanical, Plumbing and Electrical Codes. We will review submitted design documents to ensure compliance to the current edition of the following codes:

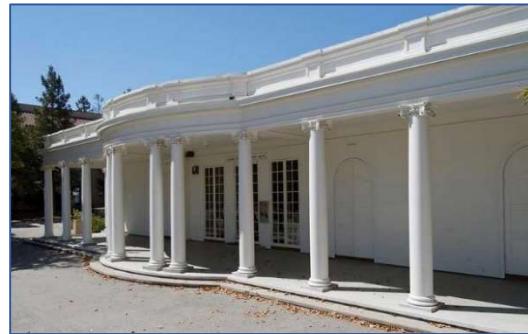
- California Building Code
- California Residential Code
- California Plumbing Code
- California Mechanical Code
- California Electrical Code
- Jurisdiction-adopted amendments

Specialty plan review services may be provided utilizing the most current editions of national standards including the following:

- International Building Code
- International Residential Code
- International Mechanical Code
- International Plumbing Code
- NFPA Standards 13 (automatic fire sprinkler systems)
- NFPA Standards 20 (fire pumps)
- NFPA Standards 72 (fire alarms)
- NFPA Standards 99 (medical gases)
- NFPA 101 Life Safety Code
- NEHRP Requirements for Existing Building

### **Historic and Existing Building Codes**

BPR's staff of engineers and experienced ICC certified plans examiners have utilized both the California Historic and Existing Building Codes for review of projects that fit within the application of these codes. These project types often present challenges during the review process. Our plans examination team have worked collaboratively with project designers to properly apply applicable provisions of these codes to promote the success of the specific projects.



## Energy Compliance

Our engineers and plans examiners are up to date on all California Energy Code requirements as they relate to both new and remodel construction for all project types. Our staff have experience verifying California Energy Code requirements for projects located within all climate zones. The Energy Efficiency Standards for Residential and Non-Residential Buildings were established in 1978 in response to a legislative mandate to reduce California's energy consumption. These standards have been updated since that time to address a multitude of building components, systems and equipment with the goal of having new and updated buildings be more energy efficient, comfortable for building occupants, and less reliant of fossil fuels.



## Green Building Standards

BPR's plans examination staff have a working knowledge of the proper incorporation of CALGreen building criteria into project designs and the resulting potential impact of these standards related to building code compliance and the environment. Our plans examiners will review project documents to verify compliance with adopted Green Building Code Standards as required by state law and local amendments and ordinances.

## LEED

Developed by the US Green Building Council (USGBC), LEED provides building owners and operators a framework for identifying and implementing measurable green building design methodologies, construction, operations, and building maintenance. LEED certification consists of a variety of rating systems applicable to multiple building types including commercial as well as residential. Ratings reflect a measure of how well a building performs across many sustainability metrics including: energy savings, water efficiency, CO2 emissions reduction, indoor environmental quality, energy usage and the projects impact on the local environment.

## Access Compliance & CAsP Review

All BPR CAsP-certified plan review and inspection 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 staff are experts in the industry, maintaining appropriate certifications demonstrating their expertise, and are experienced providing services for building departments in a seamless manner balanced and in coordination with our client's expectations and needs. We work collaboratively with our clients to address accessibility plan review and inspection related issues as efficiently as possible.



Our plans examiners are fully trained and familiar with CA Building Code Accessibility requirements and ADA compliance requirements and are available for plan review and/or inspection services. We offer support to municipalities for compliance enforcement and/or developing transition plans. We can assist our clients in researching and providing interpretations of various specific issues related to access compliance including access compliance obligation, transition plan development, construction costs and phasing, and regulation interpretations.

## Flood Zones

BPR's staff of engineers and plans examiners have experience in providing plan reviews for projects located in FEMA designated flood zones and areas prone to flooding. BPR Consulting Group's staff has provided numerous plan reviews for projects located in flood zones using FEMA's Technical Bulletins as well as locally adopted ordinances. Additionally, members of our team have participated in state-sponsored committees to establish guideline and building code requirements for projects planned in areas designated as flood zones.

## OSHPD 2, 3 & 5

BPR Consulting Group's staff of plans examiners and building inspectors have extensive experience providing plan review and inspection services for OSHPD 2, 3 and 5 projects. BPR staff members have successfully plan reviewed many OSHPD 3 hemodialysis centers, outpatient surgery centers, hyperbaric chamber wound care facilities, and acute psychiatric facilities. BPR maintains an OSHPD certified inspectors on staff specifically to provide inspection services for OSHPD 2, 3, and 5 projects during construction. Our staff is well versed with the OSHPD 2, 3 and 5 requirements included in the California Building Code. Our inspection staff has recent experience providing inspection services for hemodialysis, outpatient surgery, hyperbaric chamber, medical clinics and acute psychiatric facilities.

## Fire Code Plan Reviews

BPR's staff of **fire plans examiners and fire protection engineers** have performed both fire and building plan review services on a wide variety of projects including residential, commercial, agricultural, institutional, assembly, essential service, mixed use, remodels, adaptive reuse and tenant improvements.

Our fire safety plan review staff will verify completeness of all assigned fire plan review submittal documents and quickly and accurately check plans for compliance with applicable fire codes and standards. Our fire protection staff routinely review projects for compliance with fire and life safety regulations. We also have experienced and licensed professional fire protection engineers on staff to address your fire and life safety needs, with extensive experience providing fire plan review services while working with CalFire OSFM and OSHPD.

Our fire plans examiners have extensive experience in the use and application of the following model codes, standards, and regulations:

- **California Fire Code (CFC) and California Building Code (CBC), with local amendments and regulations.**
- **Adopted National Fire Protection Standards**
- **California Health and Safety Code**
- **Appropriate listings (CSFM, U.L., etc.) for common systems and materials**
- **Municipal, State or Federal regulations enforced by local Fire Agencies**
- **NFPA Standards 13 (automatic fire sprinkler systems)**
- **Fire Department Standards**
- **NFPA Standards 14 (standpipes)**



- **NFPA Standards 20 (fire pumps)**
- **NFPA Standards 72 (fire alarms)**
- **NFPA Standards 96 (smoke control)**
- **NFPA 101 Life Safety Code**

BPR's staff is active with California Fire Prevention Officer's Association, as well as local chapters of the International Code Council Building Officials Organizations throughout the State of California.

#### **Alternative Materials / Methods of Construction**

BPR licensed engineers and ICC-certified plans examiners are adept at evaluating, validating and verifying the appropriateness and potential success of alternative materials and methods of construction proposed by designers and builders for a wide variety of circumstances. Our professional plans examination staff will work with project designers to develop appropriate outlines for Alternate Means and Methods requests which clearly identify the specific code section in conflict, document why the specific code section cannot be complied with, provide code basis for the proposed alternative approach, and justification of why the proposed alternate provides equivalency as to code requirements.

#### **Unreasonable Hardship**

BPR CASp plans examiners and ICC-certified Accessibility Inspectors / Plans Examiners are experienced in identifying conditions that pose an unreasonable hardship and will work in a creative and collaborative manner to develop alternative solutions to facilitate access which are equivalent to code-prescribed methods in terms of quality, convenience and safety. Our access specialists understand the rules guiding the level of effort required based on valuation of the improvements being made on project.

#### **Customer Service | Responsiveness**

BPR's staff is always available and willing to discuss plan review issues for projects that we have reviewed with Building Division staff, applicants, designers and contractors via in-person or electronic meetings, telephone, or e-mail as required to resolve plan review related issues. We maintain Microsoft Teams, Zoom and GoToMeeting accounts to foster efficient communication with project proponents regardless of their physical location. Voice mails and e-mails will be responded to the same day they are received, if possible, always within 24 hours.



#### **On-Site Consultant Services & Meeting Attendance**

Our plan review staff is available for pre-construction or pre-design meetings, field visits, contacts with the design team, and support for field inspection personnel in person or virtually as needed. We will meet with City representatives and/or permit applicants and their representatives as necessary to review code requirements for their projects during the preliminary design or working drawing drawing phases of their projects. We understand, fully grasp, and utilize the



efficiency afforded by the many electronic meeting platforms that have become available in recent years. We find electronic meeting platforms such as Microsoft Teams, Zoom, and others allow for efficient and constructive communication between parties located throughout the United States and are an efficient tool for resolution of challenging issues both during plan review and field inspections. Our staff is available to meet with the City, project applicants and their design teams either in person or via electronic platform to resolve plan review issues efficiently and collaboratively.

### **Electronic Document Review**

BPR's staff are thoroughly experienced providing electronic plan review and will perform electronic plan reviews as requested by the City using **ProjectDox**. Our plans examiners and permit technicians are very familiar with **ProjectDox**. BPR will comply with the City's established policies and procedures for electronic plan reviews.

### **Communicating Plan Review Results**

Plan review comments, when necessary, will be type written and refer to specific details, drawing or supporting document, and reference applicable code sections. BPR will provide a clear, concise, and thorough plan review letter itemized by specific discipline such as life safety, accessibility, structural, plumbing, mechanical, etc., that can be utilized by clients, designers, contractors, and owners to understand the noted deficiencies and make necessary corrections to the project documents. At the completion of each plan review cycle, BPR Consulting Group will upload a copy of the plan review comment list to ProjectDox. Upon completion of the plan review process, we will upload completed plan review documents bearing BPR's plan review stamps and ready for final approval and permit issuance by the City.

### **Standard and Expedited Plan Review Completion Timeframes**

We complete all **plan reviews** within the timeframes shown below for both commercial and residential projects as our standard business practice. We will accommodate any turnaround schedule agreed to with our clients. We can provide expedited plan review services when requested with **expedited plan reviews** completed in one-half our regular plan review timeframes.

<b>Project Type</b>	<b>Maximum Turn Around Time (Business Days)</b>	
	<b>Initial Submittal</b>	<b>Backcheck Reviews</b>
<b>Residential</b> (Single Family)		
New Construction	10	5
Remodel, Renovation, Addition	10	5
<b>Non-Residential</b>		
New Commercial and Industrial	10	5
Remodel, Renovation, Addition	10	5
Initial Tenant Improvement	10	5
Large, Industrial or high-density Residential Multi-Family Projects	10	5

## APPROACH / METHODOLOGY

### Quality Control / Schedule Control

All of BPR Consulting Group's plan review services are closely managed from the moment a project is assigned to the completion of our services. Once a project is assigned it is entered into our custom designed plan review database. The project documents are then downloaded and triaged for completeness and to identify if any documents necessary for plan review have not been provided. Upon completion of the triage process, plans examiners are assigned as warranted by the proposed work associated with the specific project. All projects are closely monitored to ensure assigned staff have the time necessary in their schedules to comprehensively review assigned projects to maintain completion schedules.



We assign a dedicated team of plans examiners to serve specific clients so your BPR plan review team will remain consistent throughout the term of the agreement. We believe assigning a dedicated team of plans examiners best serves the needs of our clients, and with our firm you will not have randomly assigned plans examiners assigned to each project. All plan review services are closely monitored by our plan review supervisors and managers for consistency, thoroughness, and quality. We utilize a discipline approach to our plan review services, assigning a life safety reviewer, structural reviewer, electrical reviewer, mechanical/plumbing reviewer, grading/utility reviewer and fire reviewer, as appropriate, to each assigned project based on the proposed scope of work. We believe utilizing a discipline approach provides a more comprehensive plan review as each reviewer is a specialist in their discipline. Each plans examiner includes their email address and desk phone number with their plan review comments to facilitate direct and efficient communication between project designers and our professional plans examination staff. Our proposed Plan Review Manager, Bill Rodgers, reviews each project for thoroughness and accuracy prior to plan review comments being issued or prior to recommendation of approval for permit purposes.

Upon award of a contract, our proposed Project Manager will schedule a meeting with the City's representative to familiarize our team with the City's plan review process, methods and style. BPR's staff of engineers and plans examiners are experienced in working with multiple jurisdictions and adjusting so that they become an extension of your staff. We utilize a comprehensive "New Client Checklist" that documents specific requirements of each community we serve. Upon selection and before commencement of services, we schedule a meeting with our new clients to review specific plan review requirements and systems used by our clients so our services can be integrated in a seamless manner.



Should issues arise with the plan review services we have provided, our Plan Review Manager will contact City staff to make sure we fully understand the specific issue, review the plan review comment or other item in question, review the concern with our staff member, contact the project applicant if necessary to address the

specific issue, reissue the plan review comment letter if needed, discuss the specific issue with our assigned team of plans examiners to make sure the error in question is not repeated on future projects, and follow up with City staff to explain how the issue in question was resolved. Our Plan Review Manager will take any additional steps necessary to ensure that we continue to provide services that meet or exceed your expectations and are free of errors and omissions.

As noted above, all projects are logged in to our data base and assigned due dates. Our staff and managers all have access to the data base and the due dates are carefully tracked and managed to ensure projects are completed in a timely manner. If a specific project is not approved upon completion of the third plan review our plan review manager will reach out to request and schedule a meeting to review all outstanding plan review issues with the focus of clarifying any plan review related issues so the project documents can be approved.

### **Special / Accelerated / Fast Track Services**

BPR often accommodates special project plan review needs such as fast track, expedited, progressive, or phased plan reviews. We will work closely with the City to establish project specific plan review turn-around goals and procedures. Our staff of architects, engineers and plans examiners will work with the City and project designers, if requested, during the plan review process to resolve all plan review related issues in a constructive, collaborative, and efficient manner.

### **Phased Plan Review Services**

Our plan review team has extensive and recent large project plan review experience. Our collaborative approach for progressive plan review of major projects begins with a meeting with our client's representative and the design team to discuss permit submittal package schedules, proposed deferred approvals, proposed alternates, and any potential challenges that may face the project.

We believe the iterative phased plan review process described below fosters a sense of teamwork amongst project stakeholders and promotes a linear plan review process that minimizes potential delays due to redesign. Our phased plan review process is briefly summarized below:

- Initial review of the 100% design development documents with the focus of identifying significant code-related design issues early in the plan review process. We focus on the Building Code analyses (the OSFM 20-point list, for example), structural system selection, egress and access challenges, and other “big-ticket” items that could slow down the plan review process. These are typically a “one-and-done” review with responses to our comments not necessary although we encourage the design team to contact our reviewer to discuss any issues of concern or that create practical difficulties.
- Review of the 50% construction document phase where we perform a closer code level review focused on identifying issues of noncompliance with applicable building codes while understanding the project design is not yet completed.
- Review 95% to 100% construction documents – often the first formal review - where we perform a final code review and, when needed, schedule meetings with project designers to discuss and resolve outstanding plan review issues.

## Commitment to Analysis and Innovation

With many years of experience working for multiple building departments throughout California, our staff have gained an understanding that all California building departments perform the same basic services tailored to the needs of their specific communities. This broad experience has also allowed us the opportunity to participate in the delivery of building department services in unique and innovative ways. Our staff meets on a regular basis and part of each discussion is the sharing of innovative processes that increase efficiencies and some that don't. Our team of building safety professionals are always looking for ways to improve efficiencies and delivery of services for our clients. We share our experiences and ideas with the clients we serve to help improve efficiencies in service delivery and, more importantly, the "client experience " for the communities we serve.



## Commitment to Staff Development and Training

To ensure all reviews are compliant with State laws, all BPR staff maintain appropriate certifications or professional licenses for the services they provide. We ensure our staff is properly trained and require ongoing training for our staff equal to or greater than that required by California Health and Safety Code Section 18949.29. We continually encourage our staff to obtain additional certifications and support ongoing training and education for our staff.



Many opportunities for continuing education for building safety professionals are offered by multiple providers throughout the state and hosted by a variety of providers including California Building Officials, local ICC Chapters, AIA, County Building Officials Association of CA, and others. In addition to participating in these opportunities, **BPR's staff members have developed and presented training classes on behalf of many of these professional organizations on building code-related topics including:**

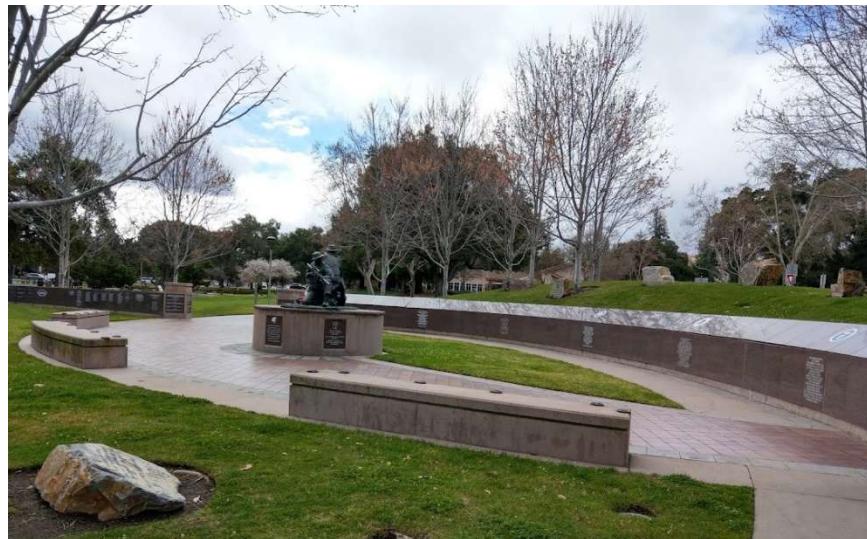
- Chapter 16 Training on Structural Topics
- CBC Chapter 10, Means of Egress in the 2022 CBC
- CBC Load Path Fundamentals
- CBC Requirements for Wood Framed Building Design
- CBC Requirements for Horizontal Diaphragm and Shear-Wall Design
- Structural and Non-Structural CRC Requirements
- Overview of Wind Load Changes to the CBC
- CRC Wall Bracing Requirements
- Load Path Systems for Building Structures
- Structural Welding and Structural Bolting
- Overview of CPC and CMC Requirements for Building Systems

- Anchorage of Nonstructural Building Components Per ASCE-7
- Simplified Structural Design
- Plan Check 1 and 2

Additionally, many of our staff members are active members of local professional organizations including local ICC Chapters and have served as officers and in other leadership capacities. Our Principal in Charge, Ron Beehler S.E., CBO, recently served as the Chairman of CALBO's Structural Committee.

### Code Quiz

BPR's proposed Principal-in-Charge, Ron Beehler, has authored the well-received monthly [Code Quiz](#) for over eight years for multiple California ICC Chapters. The Code Quiz has become an education component of monthly ICC Chapter meetings throughout California. BPR is now the sponsor of the Code Quiz and uses the quiz as an internal training element for our staff. Current year Code Quizzes may be found on our website, [www.BPR-GRP.com](http://www.BPR-GRP.com)



## SECTION E

### CONTRACT ACCEPTANCE



## SECTION E

### CONTRACT ACCEPTANCE

BPR agrees to accept the Master Professional/Consulting Services Agreement, including specifically the City's Indemnification requirements and insurance coverage requirements, without modification.



## APPENDIX

### KEY PERSONNEL RESUMES

On the following pages you will find resumes for key personnel identified to serve the City of Cupertino.



**RON BEEHLER, SE, CBO**  
**PRINCIPAL IN CHARGE**

Ron utilizes experience gained through more than 40 years of hands-on experience performing life safety, accessibility, and structural plan reviews to successfully manage building departments, building department services and high-profile building projects on behalf of public agencies throughout California. His experience includes establishing and coordinating on-site building department services for large, multi-building projects and unique, fast-paced development projects. Ron has served as Chief Building Official for multiple California public agencies including interim assignments. He has also provided building department assessments on behalf of municipal clients to identify inefficiencies and implement best practice improvements.

Licensed as a Civil and Structural Engineer in California and Nevada, certified by the International Code Council as a Building Official, Code Specialist, Plans Examiner and Building Inspector, Ron is uniquely qualified to evaluate and manage all building department services. His background includes the position of Chief Building Official with the City of Sacramento directing a staff of 120 engineers, plan reviewers and building inspectors, Chief of Engineering Design and Construction for the California National Guard and Senior Structural Engineer with the Office of Statewide Health Planning and Development (OSHPD).

Ron is dedicated to maintaining his knowledge of California building codes, laws and regulations related to building department operations. He frequently lectures and presents classes on technical topics on behalf of professional organizations including CALBO and multiple International Code Council Chapters throughout California and other western states. He recently served as Chairman for the CALBO Structural Committee.

## **PROFESSIONAL HISTORY**

**Principal | Director of Operations | BPR Consulting Group | 2021 - Present**

Ron manages client plan review and inspection services on behalf of BPR Consulting Group providing efficient services on behalf of multiple municipal clients.

**Director, Building Safety Services | Consulting Firm | 2006 – 2021**

**Chief Building Official | City of Sacramento | 2003 – 2006**

| Building Inspection Division | City of Sacramento | 2002 – 2003

**Regional Compliance Officer, Senior Structural Engineer | CA State Office of Statewide Health Planning & Development | 1998 – 2002**

**Chief of Facilities Engineering | California National Guard | 1991 – 1998**

**Associate Structural Engineer | CA State Office of Statewide Health Planning & Development | 1987 – 1991**

**Associate Engineer Architect | Sacramento County Building Department | 1983 – 1987**



## **EDUCATION**

- Graduate Coursework in Structural & Geotechnical Engineering, California State University, Sacramento
- BS, Civil Engineering, California State University, Chico
- AA, Physical Science, Butte College, Oroville, CA

## **PROFESSIONAL LICENSES & CERTIFICATIONS**

- CA Structural Engineer SE-3632
- CA Civil Engineer CE-39404
- NV Structural Engineer SE-019992
- NV Civil Engineer CE-019992
- National Earthquake Hazard Reduction Program Training
- CA Construction Law Training

## **International Code Council - 801789**

- ICC Certified Building Official
- ICC Building Code Specialist
- ICC Building Plans Examiner
- ICC Building Inspector

## **PROFESSIONAL AFFILIATIONS**

- San Joaquin ICC Chapter of Building Officials – Past President
- Napa Solano ICC Chapter – Past President
- Sacramento Valley Association of Building Officials – Multiple Term Board of Directors Member
- CALBO Building and Fire Advisory Committee – Appointed Member
- CALBO Structural Committee – Appointed Member. Chair, 2023

## ROGER PETERSON, SE PROJECT MANAGER | STRUCTURAL ENGINEER

Roger is a California licensed Civil and Structural Engineer, and an experienced building safety professional with 35 years of experience in structural design, building plan review, underground utility plan review, and plan review management. Roger has worked closely with multiple California communities to ensure the successful delivery of services. In addition to many years performing all aspects of plan review, Roger's experience includes the supervision and management of plan review of numerous high-profile and fast paced multi-story building projects for multiple public agency clients including management of inspection programs for these same types of projects. Roger utilizes his detailed code knowledge, extensive design experience and on-site construction project experience to ensure accurate, thorough, and timely plan review services on behalf of municipal client agencies.

### PROFESSIONAL HISTORY

#### **Principal | Structural Engineer | BPR Consulting Group | 2021 - Present**

Roger directs client plan review on behalf of BPR Consulting Group providing efficient services on behalf of multiple municipal clients.

#### **Senior Structural Engineer | Project Manager | Consulting Firm | 2006 – 2021**

Roger provided management for several of this firm's offices and special projects as well as performed structural plan review for commercial and residential construction for municipalities for various state and local agencies throughout California. In addition to providing structural plan review services, Roger was responsible for the production and performance of company offices, including maintaining client relationships. His duties also included performing structural plan reviews for industrial, commercial, and residential projects.

#### **Senior Structural Engineer | Plans Examiner | Branch Manager LP2A | Bureau Veritas | CA | 1999 - 2006**

Roger served as branch manager and lead structural plan reviewer for the Sacramento Area branch office. He was responsible for the production and performance of office including maintaining client relationships. His duties included performing structural plan reviews for industrial, commercial and residential projects.

**Project Engineer | Power Engineers, Inc. | 1999 - 1999**

**Project Engineer | Office Manager | R2H Engineering, Inc. | 1998 - 1999**

**Project Engineer | Rutherford & Chekene | 1995 - 1998**

**Design Engineer | Project Engineer | DES Engineers & Architects | 1995 - 1997**

### PROJECT EXPERIENCE

**Project Manager | Structural Engineer | Hollywood Park | Inglewood, CA | 2018 – 2021**

**Project Manager | Structural Engineer | Nasa Ames Research Center | Moffett Field, CA | 2018**

**Project Manager | Structural Engineer | Monterey Park Hotel & Residence | Monterey Park, CA | 2017 – 2021**

**Project Manager | Structural Engineer | Hatchet Ridge Wind Farm | Shasta County, CA | 2009 - 2010**



### EDUCATION

- BS, Civil Engineering, University of Wyoming

### PROFESSIONAL LICENSE & CERTIFICATIONS

- CA Structural Engineer SE-3846
- CA Civil Engineer CE-46096
- ID Structural Engineer SE-8225
- ID Civil Engineer CE-8225

### PROFESSIONAL AFFILIATIONS:

- Structural Engineers Association of Northern California (SEAONC)

**BILL RODGERS, SE**

**PLAN REVIEW MANAGER | STRUCTURAL ENGINEER**

Bill is a California licensed Civil and Structural Engineer with over 30 years of experience in the field of structural engineering, including over 20 years of experience as a plan review engineer. Bill has managed plan review services for all types of developments and building structures including single and multi-story steel, and concrete-framed buildings, as well as structures utilizing timber, and masonry framing systems. Bill has worked closely with Building Departments across the State of California and has assisted government agencies with numerous projects of varying size and type. His wealth of experience includes managing plan review services throughout California and Nevada on behalf of public agency clients and performing structural plan review for commercial and residential projects.

**PROFESSIONAL HISTORY**

**Principal Structural Engineer | BPR Consulting Group | 2021 - Present**

Bill directs client plan review on behalf of BPR Consulting Group providing efficient services on behalf of multiple municipal clients.

**Senior Structural Engineer | Plans Examiner | Consulting Firm | 2006 - 2021**

Bill performed structural plan review for commercial and residential construction for municipalities for various state and local agencies throughout California and Nevada. In addition to providing structural plan review services, he was responsible for the production and performance of company offices, including maintaining client relationships. Bill's duties also included performing structural plan reviews for industrial, commercial, and residential projects.

**Senior Structural Engineer | Consulting Firm | 2001 - 2006**

Bill performed structural plan review for commercial and residential construction for municipalities for various state and local agencies throughout California and Nevada

**Structural Engineer| Associate | DES Architects + Engineers | 1995 - 2001**

Bill was responsible for the structural design of many projects throughout the Bay Area, including Pacific Shores Center in Redwood City, Moffett Corners in Sunnyvale, Carlmont High School in Belmont, and many other projects. Additionally, Bill oversaw the structural department of this architecture and engineering firm, and was responsible for staff development and work quality.

**PROJECT EXPERIENCE**

**Project Manager/Structural Engineer | Judicial Council of California | State of California | 2010 - 2021**

**Project Manager/Structural Engineer | Division of State Architect | State of California | 2016 - 2021**

**Project Manager/Structural Engineer | University of California, Merced | 2020 Campus Expansion | 2017 - 2021**

**Project Manager/Structural Engineer | City of Berkeley | Berkeley, CA | 2008 - 2021**

**Project Manager/Structural Engineer | Downtown Commons Tower | Sacramento, CA | 2016 - 2019**



**EDUCATION**

- BS, Civil Engineering, California State University, Sacramento

**PROFESSIONAL LICENSES AND CERTIFICATIONS**

- CA Structural Engineer SE-4198
- CA Civil Engineer CE-50673
- NV Structural Engineer SE-18427
- NV Civil Engineer CE-18427

**International Code Council - 10085086**

- ICC Residential Plans Examiner

**PROFESSIONAL AFFILIATIONS**

- Structural Engineers Association, Northern California (SEAONC)

**ELENA HARTSOUGH, SE  
STRUCTURAL ENGINEER**

Elena is a dedicated structural engineer with over 22 years of experience which includes the design and structural review of structures ranging from small home renovations to large warehouse spaces and custom homes. Elena's strengths include experience with multiple building materials including wood, light-gage, masonry, steel and concrete; knowledge of the California Building Code and proficiency in relevant software programs including Enercalc, SAP2000, L-Pile and AutoCAD.

**PROFESSIONAL HISTORY**

**Structural Engineer / Plans Examiner | BPR Consulting Group | 2022 - Present**

Elena provides structural and non-structural plan review for residential, industrial and commercial projects including residential master plans, custom residential projects, commercial tenant improvement and remodel projects.

**Structural Engineer / Plans Examiner | Consulting Firm | 2014-2022**

Elena reviewed residential and non-residential plans for compliance with California Building, and International building standards; state and local building codes, policies, amendments, and ordinances.

**Senior Engineer | Department of Water Resources | 2009 – 2014**

Elena managed a staff of five, providing resource management and project coordination within the Division of Engineering. She prepared and reviewed preliminary engineering reports, technical memos, and project plans, details, and specifications. She also designed warehouse structure with light-gage wall framing and steel truss roof framing.

**Project Engineer / Project Manager | Harris & Sloan Consulting Group | 2003 - 2009**

Elena took projects from the schematic design phase through the construction document phase and was point of contact during construction administration. She designed wood-framed residential and commercial structures, researched structural insulated panel (SIP) construction and utilized them in design of structures.

**Project Designer | Jon Brody Consulting Group | 2001 - 2003**

Elena designed and detailed gravity and lateral systems for new and re-modeled structures utilizing wood, steel, light-gage, and concrete.



**EDUCATION**

- BS, Architectural Engineering, California Polytechnic State University, San Luis Obispo

**PROFESSIONAL LICENSE & CERTIFICATIONS**

- CA Structural Engineer SE-5538
- CA Civil Engineer CE-67675

# CHARLES NGANGA, SE, ICC

## STRUCTURAL ENGINEER

Charles is a California Licensed Structural engineer with a Master of Science degree in Civil Engineering from California Polytechnic State University in San Luis Obispo with 10 years of experience in structural plan review. He is also a certified ICC plans examiner. His work experience, excellent education and solid commitment to the industry have enabled Charles to develop a solid track record of consistently providing clients with exceptional service.

### PROFESSIONAL HISTORY

#### Senior Structural Engineer | BPR Consulting Group | 2023 – Present

Structural Plan review of multiple buildings and facilities including residential, commercial, mixed use, power generation plants, communication towers, solar installations etc.

#### Supervising Structural Engineer | Consulting Firm | 2014 – 2023

Charles performed residential and non-residential plan reviews to ensure compliance with California and International Building and Residential Codes and local building codes to include policies, amendments and ordinances. Charles also taught classes to multiple ICC Chapters on the 2016 CRC Braced Wall Provisions. The projects completed included the following.

Hollywood Park – City of Inglewood

Garden Grove Hotel – City of Garden Grove.

Project Channel – San Joaquin County

New Terminal (Merced - Yosemite Regional Airport) – City of Merced

Multiple Construction Phase New Courthouse – Judicial Council of California

1. New Redding Courthouse

2. New Modesto Courthouse

3. New Santa Rosa Courthouse

4. New Sacramento Courthouse.

5. Indio Courthouse

#### Trainer: 2016 CRC Braced Wall Provisions

Charles provided training on the 2016 CRC Braced Wall Provisions to the following ICC Chapters:

1. ICC, San Joaquin Chapter, 6/14/2017, Hanford CA

2. ICC Sacramento Valley (SVABO) Minstitute, 5/3/2017, Citrus Heights CA.

3. ICC Redwood Empire Chapter, 4/18/2017, Santa Rosa CA

4. ICC Napa/Solano Chapter, 3/14/2017, Fairfield CA

5. ICC Shasta Cascade Chapter, 1/19/2017, Redding, CA

6. ICC Yosemite Chapter, 11/15/2016, Merced CA.

7. ICC Napa/Solano Chapter, 11/18/2020, Via Zoom (2019 CRC)



### EDUCATION

- Master of Science, Civil Engineering California Polytechnic State University, San Luis Obispo 2014
- Bachelor of Science, Civil Engineering, Jomo Kenyatta University of Agriculture and Technology, Juja, Kenya
- 2009 Courses in Public Works Inspection, Plan Reading and Estimating, Advanced AutoCAD Santa Rosa Junior College, Santa Rosa, 2012

### PROFESSIONAL LICENSE & CERTIFICATIONS

- CA Structural Engineer SE-6913
- CA Civil Engineer CE-85710

### International Code Council - 8325618

- ICC Residential Plans Examiner

### SOFTWARE SKILLS

- AutoCAD
- Microsoft Excel
- ENERCALC
- RISA 3D
- SAP 2000
- STAAD
- ABAQUS
- MATLAB

KYLE M. HANSEN, PE  
**CIVIL ENGINEER**

Kyle is a California Licensed Civil Engineer with relevant experience providing plan review services to California public agencies to ensure compliance with all relevant and applicable building codes, ordinances and requirements. Kyle offers incredible attention to detail and an admirable focus on customer service.

### **PROFESSIONAL HISTORY**

#### **Structural Plans Examiner / Plan Review Engineer | BPR Consulting Group | 2022 – Present**

Kyle provides structural plan review for residential and commercial projects including residential master plans, custom residential projects, commercial tenant improvement and remodel projects.

#### **Structural Plans Examiner | Consulting Firm | 2016 - 2022**

Kyle supported Northern California public agency clients by reviewing building plans and related documents for compliance with Building Codes, policies, and jurisdiction requirements for commercial and residential buildings. Projects included new residential, commercial, tenant improvement, and remodel projects. Kyle assisted homeowners, designers, and contractors by providing information and interpretations of building codes and regulations, recommended necessary changes to design documents as required to obtain compliance with applicable codes and regulations. Kyle was responsible for preparing written correction letters and maintaining and updating records and database information.

#### **Academic Support | Department of Civil Engineering, CSU Chico | 2013 - 2015**

Kyle provided academic support to students by completing daily paperwork to include grading fluid mechanics papers, laboratories, and data entry. He was responsible for tracking student progress and Kyle attended weekly and monthly department meetings.

#### **Academic Support | Yuba Community College | 2011 - 2015**

Kyle provided students with drop-in mathematics support including Calculus (I, II, III), Physics, and Engineering (Statics, Materials).



### **EDUCATION**

- BS, Civil Engineering, California State University, Chico Graduated Magna Cum Laude
- Yuba Community College Lower Division Engineering & General Education

### **PROFESSIONAL LICENSES & CERTIFICATIONS**

- CA Civil Engineer CE-91071
- Engineer-in-Training (EIT)

### **International Code Council - 10626871**

- ICC Residential Plans Examiner

### **PROFESSIONAL AFFILIATIONS**

- Structural Engineers Association of California (SEAOC)
- American Society of Civil Engineers (ASCE)
- Mathematics, Engineering and Science Achievement (MESA)
- Honors Societies
  - Phi Kappa Phi – Top 5%
  - Golden Key National Honors Society – Top 15%

**PETER SIMONSEN, PE**  
**CIVIL ENGINEER**

Peter is a California Licensed Civil Engineer with relevant experience providing plan review services to California public agencies to ensure compliance with all relevant and applicable building codes, ordinances and requirements. Peter brings careful attention to detail and a clear focus on customer service. Peter focuses primarily on structural review as he works towards becoming a licensed structural engineer.

**PROFESSIONAL HISTORY**

**Plan Review Engineer | BPR Consulting Group | 2023 – Present**

Peter provides engineering plan review for residential and commercial projects including residential master plans, custom residential projects, commercial tenant improvement and remodel projects.

**Plan Review Engineer | Consulting Firm | 2018 - 2022**

Peter supported California public agency clients by performing Structural plan review for code compliance with the California Building Codes and city ordinances, for commercial and residential structures. Projects ranged from small non-habitable structures to intricate custom designed residences and multi-story apartment complexes. Additional responsibilities include assisting jurisdictions with plan review via in-house reviews and code interpretation as well as training new plan reviewers.



**EDUCATION**

- MS, San Jose State University, Civil Engineering with focus on Structural
- BS, Structural Engineering, University of California, San Diego

**PROFESSIONAL LICENSE & CERTIFICATIONS**

- CA Civil Engineer 92616

## DENISE REESE, CBO, ICC PLANS EXAMINER

Denise is an ICC Certified Chief Building Official and Life Safety Plans Examiner. She has over 15 years of experience performing life-safety, architectural, mechanical, plumbing, electrical, and minimal structural reviews in residential, multifamily and commercial projects, including OSHPD-3 licensed facilities. This valuable experience is also evident in that Denise specializes in working with applicants, designers and jurisdictions, and successfully serving multiple client jurisdictions.

Denise approaches plan review with her unique knowledge balancing the delivery of timely and accurate reviews while remaining responsive and approachable. Denise is extremely skilled in all disciplines required to successfully bring projects to approval.

### PROFESSIONAL HISTORY

#### **Life Safety Plans Examiner | BPR Consulting Group | 2022 - Present**

Denise provides comprehensive plan review and inspection services for California client agencies. She performs detailed reviews of residential and non-residential plans for compliance with California Building, CalGreen, Plumbing, Mechanical, Electrical Codes, Energy Standards, state and local building codes, policies, amendments, and ordinances. Denise supervises life safety plans examiners and the permit intake team. She also provides training to new plans examiners.

#### **Building Official & Supervising Life Safety Plans Examiner | Consulting Firm | 2014-2022**

Denise performed comprehensive plan review and inspection services for client agencies. Reviewed residential and non-residential plans for compliance with California Building, CalGreen, Plumbing, Mechanical, Electrical Codes, Energy Standards, state and local building codes, policies, amendments, and ordinances. Supervised life safety plans examiners and permit intake team. Provided training to new plan reviewers.

#### **Building Permit Technician II | City of Rancho Cordova | 2010 - 2014**

Denise Interpreted and explained policies and regulations accurately and tactfully to the public assisting with the completion of building permit applications. She performed preliminary plan review for completeness and accuracy and to determine appropriate fees.

#### **Customer Service Specialist | City of Rancho Cordova | 2007 - 2010**

Denise provided customer and administrative support to the Building & Safety Division as well as other departments throughout City Hall.

#### **Administrative Secretary | City of Rancho Cordova | 2006 - 2007**

Provided administrative support to the City Manager's office, his Executive Assistant and the City Council.



### EDUCATION

- Consumnes River College, Building Inspection Technology

### PROFESSIONAL LICENSES & CERTIFICATIONS

#### **International Code Council - 8096275**

- ICC Certified Building Official
- ICC CA Building Plans Examiner
- ICC Certified CALGreen Inspector
- ICC Certified Permit Technician
- ICC Permit Specialist

#### **Governor's Office of Emergency Services - CalOES**

- Safety Assessment Program (SAP) Evaluator Training Certificate

# THOMAS TRIMBERGER, ME, CBO, ICC

## MECHANICAL ENGINEER

Thomas has more than 30 years of experience working within building departments both successfully providing and supervising virtually all building department functions. Thomas is a CA Registered Mechanical Engineer, ICC Certified Building Official, Plans Examiner and Building Inspector. His extensive experience and knowledge enables him to provide excellent services to our clients. Thomas is skilled at developing relationships with developers, designers and the community to ensure plan reviews, inspections and development review functions are performed in an effective and efficient manner. He continuously assists clients by providing guidance and education on the construction and inspection process. Always helpful, personable, professional and successful in delivering a high level of customer service.

### PROFESSIONAL HISTORY

#### **Senior Mechanical Engineer/Building Official | BPR Consulting Group | 2023 - Present**

Thomas provides plans examination and building official services to municipal clients throughout California.

#### **Building Official/Mechanical Engineer/Plans Examiner | Consulting Firm | 2017 - 2023**

Thomas has served as the Chief Building Official for the City of Modesto for and the City of Woodland. He is responsible for both Building Safety and Code Enforcement. Additionally, Thomas works for the City of Vallejo coordinating and performing plan review. Thomas also provides comprehensive building and safety services to a variety of clients throughout the Northern California region.

#### **Chief Building Official/Senior Mechanical Engineer/Plans Examiner | Consulting Firm | 2016 - 2017**

Thomas provided Fire and Life Safety, Accessibility, Mechanical, Plumbing, Energy, Green Building Code review standards for both Private and Public-sector clientele.

#### **Mechanical Engineer | California Energy Commission | 2015-2016**

#### **Senior Mechanical Engineer | Consulting Firm | 2010 - 2015**

#### **Special Project Manager | City of Rancho Cordova | 2001 - 2010**

#### **Chief Building Official | County of Sacramento/City of Rancho Cordova | 2003 - 2009**

#### **Senior Mechanical Engineer | County of Sacramento | 1999 - 2005**

#### **Associate Engineer | County of Sacramento | 1987 - 1999**

#### **HVAC Design Engineer | Airway Heating and Air | 1985 - 1987**

#### **Design Engineer | Comeau Engineering | 1983 - 1985**



### EDUCATION

- Bachelors of Science, Mechanical Engineering
- California State University, Sacramento
- Certificate in Total Quality Management
- Lost Rios Community College

### PROFESSIONAL LICENSE & CERTIFICATIONS

- LEED Accredited Professional
- Build It Green Certified Green Building Professional
- Build It Green Greenpoint Rater
- CA Registered Mechanical Engineer | M026359 \*Registered ME in 14 States
- CABEC Residential & Non-Residential Certified Energy Plans Examiner

### International Code Council - 866408

- ICC Certified Building Official
- ICC Certified Mechanical Code Official
- ICC Certified Plumbing Code Official
- ICC Building Plans Examiner
- ICC Mechanical Plans Examiner
- ICC Plumbing Plans Examiner
- ICC Mechanical Inspector
- ICC Plumbing Inspector

### PROFESSIONAL AFFILIATIONS

- Sacramento Valley Association of Building Officials (SVABO)
- California Building Standards Commission (CBSC)
- California Association of Building Officials (CALBO)

JINGPEI ZHANG, EE  
**ELECTRICAL ENGINEER**

Jingpei is a California Licensed Electrical Engineer in California and has over 27 years of experience. He holds a master's degree in electrical and electronic engineering. His extensive experience in designing a variety of facilities and systems lends to his ability to provide excellent plan review services. His experience includes the design of electrical distribution systems for healthcare centers, data centers, commercial and industrial building and educational facilities.

## PROFESSIONAL HISTORY

### **Plans Examiner | BPR Consulting Group | 2023 – Present**

Jingpei provided plan review services for BPR's California clients to included residential and commercial projects. Project types include residential master plans, custom residential projects, commercial tenant improvement and remodel projects.

### **Plans Examiner | Consulting Firm | 2011 – 2023**

Jingpei provided plan review services for public agencies throughout California.

### **Plans Examiner | Consulting Firm | 2009 – 2017**

Jingpei designed health care facilities, commercial and industry buildings, and schools. Representative Projects included:

- 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

### **Senior Electrical Engineer/Project Integration Engineer | Worley Parsons | Folsom/Sacramento, CA | 2007 – 2009**

In this position, Jingpei designed and reviewed plans for power plants, including the Ivanpah Solar thermal power plant in Mojave Desert, Ca.; the Geothermal power plant grid transmission upgrade and retrofit in Imperial County; and the PG&E Gas-fired power plant planning phase, Colusa, Ca.

### **Senior Electrical Engineer | Mazzetti & Associates Inc. | Sacramento, CA | 2000 – 2007**

### **Assistant Electrical Engineer | Carlson Corporation | San Francisco, CA | 1997 – 2000**

### **Electrical Designer/Draftsman | Peters Engineering | Sacramento, CA | 1996 – 1997**



## EDUCATION

- MS, Electrical Engineering, California State University, Sacramento CA
- BS, Electrical Engineering, South China University of Technology, China

## PROFESSIONAL LICENSE & CERTIFICATIONS

- CA Professional Engineer, E16243
- NCCER Plumbing 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

## HONORS

- Professional Engineer Achievement Award; Carlson Corporation, July 2000
- Student of the Year Award; South China University of Technology, China, 1987

ANDREW BURKE, CASp, ICC  
**CASP AND ICC CERTIFIED PLANS EXAMINER**

Andrew is a Certified Access Specialist and ICC certified Plans Examiner with more than 11 years of industry experience in plan review, inspection, administration and estimating. Andrew has extensive plan check experience in multi-story mixed use projects and provides in-depth review of accessibility issues to ensure compliance with all California building codes. His CASp certification provides him the ability to ensure all aspects of accessibility have been achieved. His formal training in ICC codes, as well as on-the-job experience, helps him to provide thorough and accurate commercial and residential plan reviews and inspections. Andrew is an excellent asset to any building department both in the office and out in the field.

## PROFESSIONAL HISTORY

### **Plans Examiner | Certified Access Specialist (CASp) | BPR Consulting Group | 2021 – Present**

Provides life safety and accessibility plan review for residential and commercial projects including residential master plans, custom residential projects, commercial tenant improvement and remodel projects.

### **Plans Examiner | Certified Access Specialist (CASp) | Consulting Firm | 2013 – 2021**

Provided life safety and accessibility plan reviews for residential and commercial projects including residential master plans, custom residential projects, commercial tenant improvement and remodel projects.

### **Building Department Intern | Town of Los Gatos | 2012**

Andrew worked as an intern in various areas of a building department. Performed field inspections and worked behind the counter as a permit technician.

## PROJECT EXPERIENCE

### **2020 Project Expansion | University of California, Merced | 2016 - 2021**

**Life Safety and Accessibility Plans Examiner** | Andrew reviewed plans for the campus expansion for compliance California Building, Plumbing, Mechanical, Electrical Codes, Energy Standards, Fire Codes, Green Building Standards Code, and California Accessibility Standards; state and local building codes, policies, amendments, and ordinances.

### **Sac Republic Soccer Stadium | City of Sacramento | 2019**

**Accessibility Plans Examiner** | Andrew provided plan review for this new 409,664 SF stadium to ensure compliance with applicable accessibility codes and standards.

### **North 40 | Town of Las Gatos | 2018 - 2019**

**Accessibility Plans Examiner** | Andrew provided accessibility reviews for the new 211,773 SF mixed use building in the North 40 development consisting of residential, parking garage, community room and commercial.

### **InnovAge California PACE | City of Sacramento | 2019**

**Accessibility Plans Examiner** | Andrew provided accessibility plan review services for this new 66,030 SF OSHPD all-inclusive elder care facility valued at \$6,250,000.



## EDUCATION

- Associates in Building Inspection Technology, Butte Community College
- Associates in Mathematics, Butte Community College

## CERTIFICATIONS

- Certified Access Specialist – CASp-710

### **International Code Council, 8250398**

- ICC Building Inspector
- ICC Building Plans Examiner
- ICC Permit Technician
- ICC Commercial Building Inspector
- ICC Residential Plans Examiner
- ICC Residential Combination Inspector

VERNON BROWN, ICC  
**FIRE PLANS EXAMINER | FIRE INSPECTOR**

Vernon brings over 40 years of experience within municipal governmental agencies as a career member of the fire service. He has held the position of Assistant Fire Chief/Fire Marshal and has been responsible for community development and interaction with local Boards of Supervisors and local City Councils. He has managed and participated in a wide range of projects in code development, plan review, inspections, hazard analyses, fire investigation, fire suppression, personnel management, policy development, budget development, and curriculum development.

Vernon has instructed for over nineteen years for the California State Fire Marshals Office and American River Community College on the subjects of history of fire prevention; inspection practices; code enforcement practices; and flammable liquid storage practice. Vernon holds a teaching credential for Community College courses, and a Certificate in Fire Protection from the School of Engineering at University of California at Davis.

#### **PROFESSIONAL HISTORY**

**Fire Plans Examiner / Fire Inspector | BPR Consulting Group | 2024**

- Present

Vernon provides fire plan review and fire inspection services on behalf of BPR Consulting Group for multiple municipal California clients.

**Fire and Life Safety Plans Examiner | Consulting Firm | 2012-2018**

Vernon provided plan reviews for building construction projects to ensure compliance with all applicable fire codes and ordinances.

**Vernon Brown and Associates | 2002 - 2012**

Vernon owned a consulting firm that specialized in Fire and Life Safety services and served various jurisdictions.



#### **EDUCATION**

- BS, Business Administration California State University, Sacramento, CA
- AA, Fire Technology American River College, Sacramento, CA
- Certificate in Fire Protection Engineering 1996 | School of Engineering, University of California Davis

#### **PROFESSIONAL LICENSE & CERTIFICATIONS**

- **International Code Council, 852032**
- ICC Fire Code Inspector | ICC Fire Code Inspector II | ICC Building Plans Examiner | ICC Fire Plans Examiner
- CSFM Certified Fire Officer (1985) | 000773
- CSFM Certified Fire Prevention Officer | 771028 CSFM Certified Fire Prevention Officer II | 870011
- CSFM Certified Fire Prevention Officer III | 880002
- CA State Certified Instructor (1986) | Lifetime Teaching Credential | 270677
- CA State Certified Firefighter II | 004454
- CA State Certified Chief Officer | 839239