

# Request for Qualifications Jollyman Park All-Inclusive Playground Project



City of Cupertino, CA



SSA Landscape Architects, Inc.  
303 Potrero Street, Suite 40-C • Santa Cruz, CA  
P: 831.459.0455  
ssala.com • steve@ssala.com

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**Attachments:**

**Appendix A: Resumes**

# TRANSMITTAL LETTER

August 30, 2021

## City of Cupertino

Dear Ms. Evelyn Moran,



We are pleased to submit our proposal to the City of Cupertino in response to the Request for Proposal for Jollyman Park All-Inclusive Playground Project. For the past 32 years, SSA Landscape Architects has been a leader in the design of public facilities. We believe our track record with agencies and our expertise in park design will demonstrate our ability to deliver an all-inclusive playground that will meet current building codes, ADA requirements and the needs of the City of Cupertino.

As demonstrated in this response package, our team is committed to supporting the City of Cupertino and will ensure the success of the project through:

- Experience in the planning and design of All-Inclusive Playgrounds like the Magical Bridge Playground in Redwood City and Leo's Haven in Santa Cruz.
- Our design expertise and past experiences in creating successful, high quality parks and public spaces
- Delivering the project on-time, even with compressed or changing schedules
- A successful track record with many City clients
- Our open lines of communication and a willingness to go the extra mile for our clients
- Thorough and detailed planning documents and highly accurate cost estimates that will provide the City with the proper decision-making tools to confidently guide future decisions.

We have a great deal of hands-on experience working with agencies including and similar to the City of Cupertino, and have many projects that can speak to our ability to meet the City's expectations and goals. In fact, this experience, coupled with our references, and our strong belief in excellent client service and delivery of high-quality documents, is what makes SSA successful. We are proud of our client relationships and strive to exceed client expectations.

SSA Landscape Architects, Inc. has never had a contract terminated by a client due to the performance of our work. We have never defaulted on a contract; in 32 years in business, we have met all contractual expectations tasked to us. We comply with all local, state, and federal regulations in all of our projects. Furthermore, neither SSA Landscape Architects, Inc. nor its officers have ever received a claim for any project public or private. Therefore, there is no litigation pending that would affect us in our ability to perform services for the City of Cupertino.

If you have any questions or would like to further discuss our team, experience or relevant projects, please feel free to contact me at (831) 459-0455 or [steve@ssala.com](mailto:steve@ssala.com). We appreciate the opportunity to present our qualifications and hope to have the opportunity to serve the City of Cupertino.

A handwritten signature in blue ink, appearing to read 'Steven R. Sutherland'.

Steven R. Sutherland, ASLA  
Principal, SSA Landscape Architects, Inc.  
P: 831.459.0455  
[steve@ssala.com](mailto:steve@ssala.com)

SRS/ce

Encs.

# OVERVIEW AND SUMMARY

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## LOCATION

303 Potrero Street, Suite 40-C  
Santa Cruz, California 95060

## TYPE OF OWNERSHIP

Corporation

## YEARS IN BUSINESS

32 Years

## FIRM SIZE

9 full-time employees,  
including 5 Licensed  
Landscape Architects

## INTRODUCTION

SSA Landscape Architects, Inc. (SSA) is a design firm concentrating on municipal and public-sector projects throughout Central and Northern California. We are dedicated to improving a community's quality of life for all in the outdoor environment through creative, sustainable, accessible, and affordable designs. We are passionate in what we do, designing outdoor spaces that create positive experiences for people, respect our environment, and develop social connections in our communities.

Steve Sutherland, Principal, founded the firm in Santa Cruz in 1989 with the vision that every project designed by SSA must be exceptional, providing the highest level of service possible to our clients. This means our client's needs are a top priority and our success relies on being able to deliver as promised or better. As a California Certified Small Business Enterprise, SSA has been responsible for the design and construction administration of hundreds of public projects, including parks and open space, playgrounds (including all-inclusive), skateparks, school campuses, trails and creek restoration and urban developments. Our technical knowledge in site design, grading and drainage, horticulture, irrigation, and construction practices enables us to deliver thorough construction documents and prepare current technical specifications for public agencies, ensuring the success of our projects. SSA's staff of nine includes five licensed landscape architects, two LEED AP's, one Certified Arborist, one Licensed Contractor, as well as technical and administrative personnel.

For the all-inclusive playground at Jollyman Park we understand that we will be building off the conceptual design provided in the RFQ to efficiently and effectively prepare a construction document set. With thorough site analysis, effective participation with the City and community, the all-inclusive park at Jollyman Park will be wonderful addition to the City of Cupertino. We know that the playground is partially funded with All-Inclusive Playground Grant Program (AIPG) grant funds, SSA has worked on many grant funded projects, sometimes projects funded by multiple grants, and we understand the importance of adhering to the grant requirements. SSA has extensive knowledge of the AIPG grant program as we were previously hired by the City of Campbell to analyze the suitability of John D. Morgan Park for an all-inclusive playground. SSA will work closely with the City of Cupertino to fulfill the grant requirements and guarantee that the final design includes everything included in the initial grant application.

The SSA team is invested in all-inclusive playground design. Many members of the SSA team have kids under the age of 6, and with varying needs. We spend a great deal of our time away from work at playgrounds and parks. We know these spaces intimately and feel very passionate about making these family places special for everyone. As seasoned landscape architects, we have experienced many playground openings and know that horrible feeling of watching people show up to the new community playground and not be able to participate because it fails to serve their specific needs. We care about creating spaces for everyone and understand, now more than ever, that outdoor spaces are a refuge that should be available to all. As responsible Landscape Architects, our mission is to foster health, safety, and welfare in the built environment for all people, including persons with disabilities. Our goal is to marry our design work with the intent of the Americans with Disabilities Act (ADA) so that the design is enhanced, and the budget is not adversely impacted.

We are currently wrapping up several of our larger projects in the office and will need a project of this size in the office for staff to dedicate their time to. Briana Cox has worked closely with the City on the Stevens Creek Corridor Park and Restoration, Phase II and looks forward to the opportunity to work and collaborate on the all-inclusive playground at Jollyman Park. All our sub-consultants have worked closely with SSA on other projects and SSA is confident in managing their time according to the schedule agreed upon with the City.

# FIRM QUALIFICATIONS AND EXPERIENCE

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SSA has collaborated with cities, counties, public agencies and countless communities to build our portfolio. Our designs are inspired by the uniqueness of the surroundings, cultural or natural history, character of the community, environment or geography. Our goal for each project is to develop a shared vision with all stakeholders that will result in a project that has a unique identity. Our signature on each project is a process resulting in park facilities that effectively blend the program and the needs of all stakeholders into the site design as efficiently as possible for optimum results.

Our park and recreation work has included everything from small pocket parks to citywide parks and recreation master plans to all-inclusive playground design. We have designed the renovation of existing parks and developed plans for entirely new parks. In collaborating with our clients, we have facilitated workshops with focus groups to determine needs and develop consensus. Designing parks and playgrounds that become the vision of the community is what makes the work we do for our clients so rewarding for our team. We strive to create designs that are maintainable and will endure for decades to come.

SSA is a team environment where the Principal-in-Charge and the support staff assigned to the project are responsible for all aspects of the project from beginning to end. This means that the individuals who conduct the initial site analysis will also conduct the final acceptance walk-through. We will always provide one consistent point of contact throughout the project who is knowledgeable about the project and easy to reach. This provides efficiency and consistency in project knowledge and project history. We believe this will allow us to be most responsive and sensitive to the needs of the City of Cupertino by developing high quality documents that are delivered on time and within budget.

As landscape architects, we strive to be stewards of the land and design meaningful projects. We also know that successful projects are not only the result of great design but of thoughtful and practical solutions to a variety of project challenges. Throughout the years, SSA has encountered hundreds of challenges from social, stakeholder, environmental, utility, site conditions and constraints, as well as bidding and construction administration issues. From every issue or challenge, we learn something new; and from the accumulation of this knowledge, we have developed a broad background that helps us identify issues oftentimes before they arise. We always develop practical solutions having the least impacts on our clients and stakeholders.

SSA has collaborated with multiple joint use partnerships over the past 25 years. Specific to all-inclusive playground and most recently, SSA collaborated with the City of Redwood City and Magical Bridge Foundation on the Red Morton Park Magical Bridge Playground and with the County of Santa Cruz and Shane's Inspiration on the Chanticleer Park Leo's Haven Playground. We understand the intricacies of these projects and have learned how to navigate these complexities to keep the project moving forward.

## **AGENCY AND TEAM MANAGEMENT**

SSA has been the lead consultant on many multi-disciplinary projects. Oftentimes we lead projects through complex approval processes – from simple negative declarations and CEQA compliance – to full EIR processes with many jurisdictional agencies such as US Fish and Wildlife, California Fish and Game, the Army Corp of Engineers, water resource agencies, and other local or regional jurisdictions.

As a firm that specializes in public sector work, we are extremely familiar and comfortable with a typical design sequence for public projects. Nearly all our public projects incorporate tasks or phases, including: Conceptual Design; Community Outreach; Coordination and approval from Parks and Rec Commissions and City Council; Construction Document submittals at various increments of completion; Bid support; Construction Administration and Post-Construction services. We are comfortable working with a municipality to propose submittal increments that make sense for a given project and running teams as a lead consultant to help deliver a project on schedule and on budget. We have worked with many municipalities throughout the Bay Area and Northern California with a track record that is proven, resulting in many repeat clients.

During this project, COVID-19 considerations for safe distancing may be required. Over the last year-and-a-half, SSA has continued to move forward productively with all our projects in different phases and we have been able to perform all project tasks in a timely way, from kickoff meetings to construction meetings and administration. Our clients meetings are now typically conducted via digital platforms like Zoom or Microsoft Teams and are managed in a way that is clear and well organized. Our virtual meetings have proven to be an effective alternative as well as more cost effective than in-person meetings.

## **KNOWLEDGE BASE & TECHNOLOGY**

Our design team is comprised of well-educated and skilled professionals that bring special knowledge and expertise to every project. We are fully equipped with the most current and advanced workstations, equipment, and software. This enables us to provide the most accurate presentation and working documents possible, with the highest quality graphics and the most sustainable methods of delivery. We also utilize file sharing software so our team can quickly share files and communication to provide the City of Cupertino with the most efficient end-product.

Specialized Software Programs and Equipment:

- Poll Everywhere
- AutoCad Current Edition
- Sketch-Up and Enscape
- MS Office Suite including Project
- Adobe Creative Suite
- LandFX
- Large scale color plotting, printing, and scanning capabilities
- e-Builder Experience

## **COMMUNITY OUTREACH**

Our approach will be to engage the public, provide clear and concise information to the community and to come away with a confident and unified vision for the playground. We will approach our outreach and workshops with creative energy and a willingness to explore any avenue that will provide us with thoughtful and meaningful participation. We will be mindful of reaching a large audience and make sure that we make all our outreach efforts as inclusive as possible. We consider ways to make all meetings equitable and accessible for everyone such as providing subtitles and closed captioning for the hearing impaired and audible captions for those with a vision disability. We also structure outreach to include non-English speaking/reading populations.

We believe that a firm specializing in public design must possess the ability to listen with respect, and understand the needs, desires, and differences of the citizens, stakeholders, agencies, and the client. The community of Cupertino has a wealth of local knowledge and history that, when paired with our professional expertise, can generate a rich and successful project. The majority of SSA's public projects include a component of consensus development amongst stakeholders with varying viewpoints and special interests. Garnering consensus while respecting all stakeholders' needs and interests is not only something that SSA has been successful with, but we also enjoy this process. We have received positive feedback from many of our Clients on our outreach approach. We believe it to be a key component to all successful public projects. We have seen firsthand how beneficial meaningful engagement can be in creating better overall projects, developing a sense of ownership in the park or public space, and in identifying and cultivating leaders in the community.

For the City of Redwood City Magical Bridge Project we had a series of outreach meetings and invited local teachers and program directors from various special needs programs. Their input was invaluable and shed light on issues that, unless you have experienced first hand, would otherwise fail to recognize in most cases. There are still ideas that came out of those meetings that we were unable to use on the Magical Bridge playground, but would love an opportunity to explore in a zone on another all-inclusive playground project. These are also ideas

that we can discuss with the community for input and consensus and are elements that would make the Jollyman all-inclusive playground unique. We recognize that public outreach looks different now and requires new formats during the pandemic, and SSA is here to assist the City in facilitating meetings that encourage participation with an array of different outreach possibilities.

## **TRENDS IN PLAYGROUND PLANNING**

SSA has become a leader in All-Inclusive Playground Design. Steve Sutherland was invited to be a speaker at the 2017 Taipei All-Inclusive Playground Conference in Taipei, Taiwan to present case studies and discuss the philosophy and logistics of designing and constructing all-inclusive playgrounds and parks.

SSA has successfully designed several all-inclusive parks of varying sizes including Leo's Haven/Shane's Inspiration in Chanticleer Park for Santa Cruz County Parks; Red Morton Park, Magical Bridge Playground in Redwood City; Seven Seas and Braley Parks in Sunnyvale have many elements of all-inclusive play; and in South San Francisco, Alta Loma Park playground was designed with many all-inclusive elements. All of our playground designs exceed the requirements of ADA access in playgrounds. In all our park designs, we strive to include as much all-inclusive play opportunities as possible into all playground and park designs. At Evandale Park in Mountain View, we had input during the community outreach phase that including zones and all-inclusive features were important to the surrounding townhomes so we incorporated spinners, retreat zones and a scooter path.

## **BUDGETING AND COST ESTIMATING**

At SSA, our approach to managing the budget begins the first day we attend the kickoff meeting for the project. At this point, we start with a cost estimate based upon gross square footages and percentages of types of treatments and improvements to establish a baseline understanding for the project.

As the project evolves through design development, we begin to do actual takeoffs for every component of the project. Working with the client, we use this estimate as a tool to prioritize program elements, value engineer the design, and/or structure the bid with bid alternatives to ensure that goals are met, and we can deliver a project that meets all expectations. As we complete construction documents, we have an itemized cost estimate in the same manner as a Contractor's bid proposal. This also allows us to compare our estimate to the contractor's bid to identify any discrepancies.

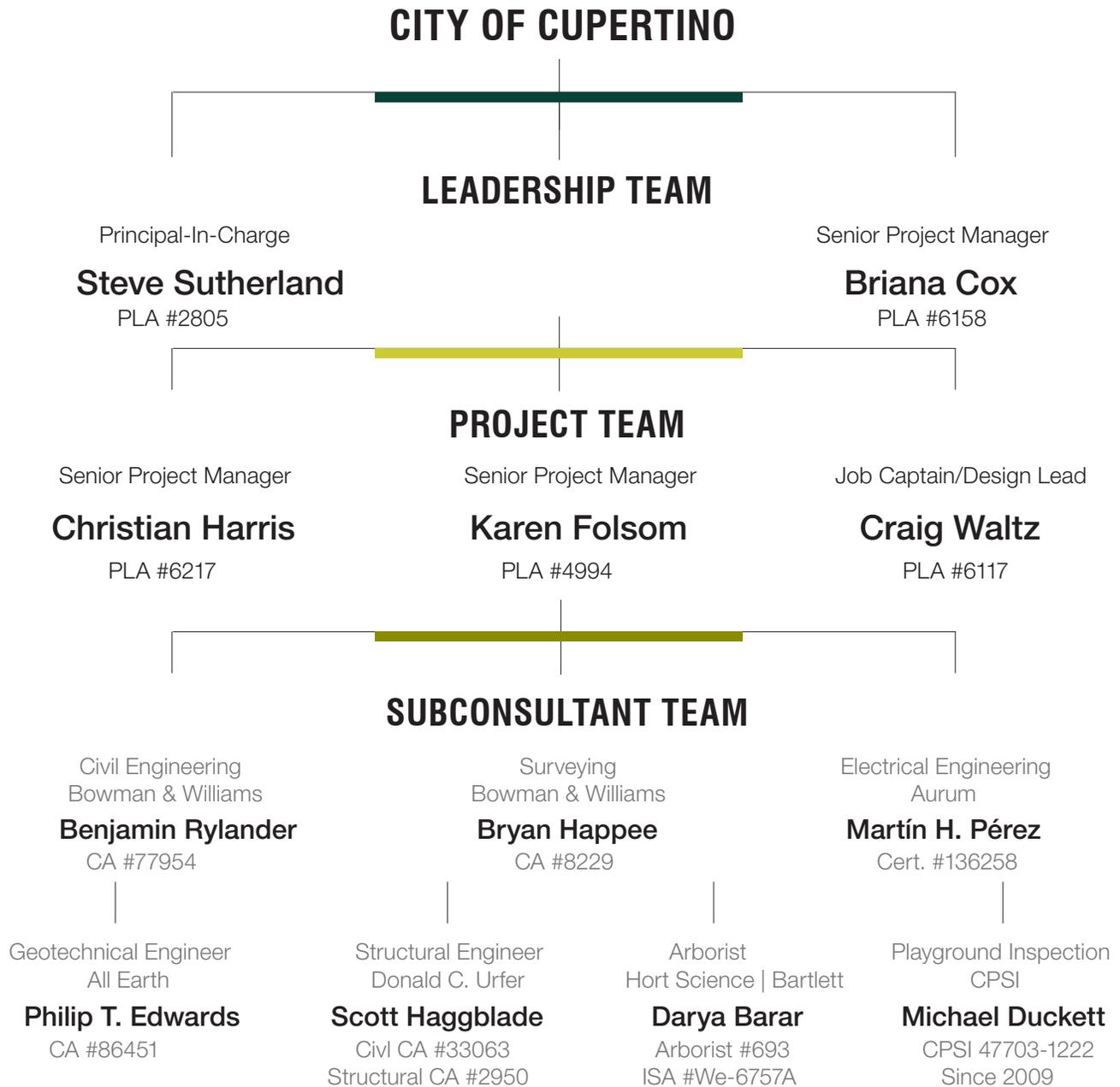
By doing this we learn trends in contractor bidding and can then adjust the way we are estimating due to current market trends. With our experience and database, we will work closely with our estimator to ensure the accuracy of each estimate. Steve Sutherland brings a wealth of knowledge and passion for cost estimating to the project. He has taught construction estimating classes to Contractors, and instilled this knowledge in his staff.

## **STORM DRAINAGE AND LOW IMPACT DESIGN**

Since our beginning in 1989, before there were any requirements, we have followed the philosophy of Low Impact Development and innovative storm drainage design in all our park designs. We would incorporate as much pervious paving as possible, include bioswales and rain gardens to capture and detain stormwater, and seek out ways to encourage groundwater recharge.

For Jollyman all-inclusive playground it will be critical to develop designs that minimize impervious surfaces and develop creative solutions for the run-off that is unavoidable. Some of the solutions that we have utilized at other parks are to create rain gardens and retention areas as buffers between spaces and different use zones. In some cases, like Red Morton Magical Bridge in Redwood City, Seven Seas Park in Sunnyvale, and The Heart of Soquel in Soquel, these areas are intended to be used as nature play and exploration for children. Meeting the C3 regulations under the City's Municipal Regional Stormwater NPDES Permit for this playground is in line with all of our current park design work, and we will either meet or exceed these requirements for the all-inclusive playground at Jollyman Park.

# STAFF QUALIFICATIONS AND EXPERIENCE



## SSA TEAM MEMBERS AND THEIR ASSIGNED ROLES:

### STEVE SUTHERLAND

*Principal-in-Charge, PLA #2805*

Steve has 47 years of experience in the profession, 32 years of which have included park planning. He has a background in design/build and holds a Landscape Contractor’s license. Steve will be responsible for high-level design oversight, cost estimating and quality control. Steve will also lead the public workshops and provide innovative guidance and direction in the design process for the all-inclusive playground.

### BRIANA COX

*Project Manager, PLA #6158*

Briana is a licensed landscape architect with 15 years of experience. Her career has had a strong park planning background with emphasis on all-inclusive park design since joining SSA in 2009. She has extensive experience in park design and detailing. Briana will be responsible for will be responsible for client and consultant coordination, all-inclusive playground design, production oversight, and presentation materials and community outreach services.

## SUBCONSULTANTS AND THEIR ASSIGNED ROLES:

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The design team that we are proposing for the City of Cupertino has been selected to meet the specific needs of the all-inclusive playground at Jollyman Park. SSA proposes a solid team of professionals with broad experience in public projects, parks and restroom buildings to meet all consulting, design and engineering, and construction oversight necessary to deliver a successful project to the City of Cupertino. We have worked extensively with these firms, in some cases for over 25 years, and form a cohesive group that understands how to put together a successful project on time and on budget. On the following pages, each team member's area of expertise and roles are described followed by resumes of the key personnel assigned to this project. SSA has defined the subconsultant firms as critical to the successful design and implementation of the all-inclusive playground. *Additional subconsultants may be brought in based on specific needs identified during early stages of design.*

**Aurum** will provide electrical engineering for the project. They will also be responsible for providing electricity to the new playground for site lighting and for play equipment or features as needed. Aurum will fill out applications needed for permitting through PG&E and will communicate with PG&E, the team and City on the status of permits.

**Bowman & Williams** will provide surveying and civil engineering for this project. Bowman & Williams will be responsible for early investigations of the existing utilities. They will help with the existing conditions review and report of the site and will provide grading, drainage, utilities and stormwater management and compliance services during the design phases. Bowman & Williams will participate in the community outreach effort and provide materials as needed to communicate information to the public regarding the project.

**All Earth** will provide geotechnical consulting and will prepare a geotechnical report and recommendations for any footings necessary as well as grading and compaction recommendations. SSA has been working with All Earth for the last 10 years and we are currently working with them on several active projects.

**Hort Science | Bartlett Consulting** will provide an arborist report and recommendations for tree protection. We have been working with Hort Science for at least 12 years and have completed numerous commercial, corporate and public projects with them.

**Donald C. Urfer & Associates, Inc.** will provide structural engineering for the all-inclusive playground. They will provide engineering for playground footings is required by the City and for walls over 4' and any additional features, such as, signage, entry arbor, shade structure or any other custom features that require structural engineering.

**Michael Duckett - CPSI** will provide playground safety inspections for the project. SSA has worked with Michael on many of their playgrounds, including the recently opened Leo's Haven all-inclusive playground for Santa Cruz County. Michael will be involved throughout the project for consulting on the design, plan reviews and construction administration and final playground inspection.



# STEVE SUTHERLAND, ASLA, PLA

**PRINCIPAL - SSA Landscape Architects, Inc.**

Steve established SSA in 1989. As Principal-in-Charge he has focused on projects that will have lasting and positive impacts on communities. Working with citizens, public agencies, and consultants to develop designs and plans that meet a community's special need is the most inspiring work for him. His ability to develop consensus between diverse groups and identify the most logical and common sense solution has contributed to SSA's success. Steve has a unique ability to visualize a project beginning with the "big picture" and incorporating his knowledge and understanding of the many small technical details inherent in every project to arrive at the most advantageous solutions.

## Project Experience

### **Red Morton Park Magical Bridge Playground**

*Redwood City, California*

Principal-in-charge on the 2-acre all-inclusive playground in collaboration with the Magical Bridge Foundation, including picnic area, parking, and right-of-way improvements. Scope: Co-facilitated community workshops, design, QA/QC on construction documents and specifications, bid support and construction administration..

### **Chanticleer Park**

*Santa Cruz, California*

Principal-in-charge on the 5-acre park with an all-inclusive playground oak woodland picnic area, community garden, parking lot, restroom, shade shelters, and plaza. Scope: community outreach, design, QA/QC on construction documents and specifications, bid support and construction administration.

### **Braly, Fairwood and Orchard Gardens Parks**

*Sunnyvale, California*

Principal-in-charge on the playground renovations for three existing parks, including themed equipment, new safety surfacing, peripheral ADA improvements, and landscape upgrades. Scope: design, QA/QC on construction documents and specifications, bid support and construction administration.

APWA Silicon Valley 2019 Project of the Year for Public Works

### **Seven Seas Park**

*Sunnyvale, California*

Principal-in-charge on the 4-acre park with walking trails, picnic area, dog park, playground, restroom, plaza, and water feature. Scope: community outreach, design, brownfield site remediation, QA/QC on construction documents and specifications, bid support and construction administration.

CPRS 2016 Award of Excellence

APWA 2016 Project of the Year for Environment & Parks

## Education

University of California, Berkeley  
*Certificate in Landscape Architecture*

Butte Community College  
*Ornamental Horticulture*

## Professional Licensure & Certification

Professional Landscape Architect  
*California, #2805*

Licensed Landscape Contractor  
*California, #407136*

## Professional Organization

CPRS Development & Operations,  
*Vice President, 2013-2015*  
CPRS District VI,

*President, 2010-2012*  
CPRS District VI,

*President Elect, 2009-2010*  
CPRS District VI,

*Vice President, 5 terms*  
ASLA, *Member*

USGBC, *Member*

Silicon Valley IFMA, *Member*



# BRIANA COX, ASLA, PLA

## SENIOR PROJECT MANAGER - SSA Landscape Architects, Inc

Briana has taken the lead and assisted our team on a wide variety of projects. She enjoys the challenges each project poses. Briana's varied interests, from urban design to sustainable design and materials, have contributed to her holistic view of the field of landscape architecture. With 15 years of experience, she is a thoughtful project manager and talented designer. A majority of her responsibilities include site analysis, design, document production, construction administration and public workshops.

### Project Experience

#### Red Morton Park Magical Bridge Playground

*Redwood City, California*

Project Manager on the 2-acre all-inclusive playground in collaboration with the Magical Bridge Foundation, including picnic area, parking, and right-of-way improvements. Scope: Co-facilitated community workshops, design, prepared and managed construction documents and specifications, bid support and construction administration.

#### Chanticleer Park

*Santa Cruz, California*

Project Manager on the 5-acre park with an all-inclusive playground oak woodland picnic area, community garden, parking lot, restroom, shade shelters, and plaza. Chanticleer park opened January 2020. Scope: community outreach, design, prepared and managed construction documents and specifications, bid support and construction administration.

#### Braly, Fairwood and Orchard Gardens Parks

*Sunnyvale, California*

Project Manager on the playground renovations for three existing parks, including themed equipment, new safety surfacing, peripheral ADA improvements, and landscape upgrades. Scope: design, prepared and managed construction documents and specifications, bid support and construction administration.

APWA Silicon Valley 2019 Project of the Year for Public Works

#### Heart of Soquel Plaza Park and Parkway

*Soquel, California*

Project Manager on the 2-acre plaza and riparian restoration project with event space for farmer's markets. The parkway includes a ADA compliant boardwalk and decomposed granite trail that connects the plaza to Main St. in Soquel Village. The parkway was completed in 2020. Scope: community outreach, grant support, design, prepared and managed construction documents and specifications, bid support and construction administration.

### Education

California Polytechnic University,  
San Luis Obispo  
*Bachelor of Science,  
Landscape Architecture*

### Professional Licensure & Certification

Professional Landscape Architect  
*California, #6158*

LEED Accredited Professional,  
*Building Design + Construction,  
Green Building Certification Institute*

### Professional Organizations

*ASLA Member*

*USGBC Member*

# RED MORTON PARK - MAGICAL BRIDGE PLAYGROUND



Top: Group playing on "Drum Pad" at the Newly Completed Park. Bottom Left: Playhouse at the Park. Middle: Entry to the Park. Bottom Right: Stone Play Structure with Water Feature.

**Client:** City of Redwood City  
**Location:** Redwood City, CA  
**Project Manager:** Steve Sutherland and Briana Cox  
**Size:** 2 acres  
**Construction Costs:** \$8.1 million  
**Design:** 2016 - 2020  
**Construction:** 2017 - 2020  
**Subconsultants:**

- Aurum Consulting Engineers
- Mesiti-Miller Engineering, Inc.
- Mott MacDonald
- JET Engineering
- ENGEO

**Contact:** Claudia Olalla  
City Project Manager  
(650) 780-7379

Red Morton Park is the largest programmed park in the City of Redwood City with athletic fields, tennis courts, play areas, recreational buildings, picnic areas, passive open spaces, bocce courts, skate park, and walking trails. In collaboration with the City of Redwood City Parks, Recreation and Community Services Department, SSA recently completed the master plan for programmatic, circulation, parking, entrances, signage, and spectating improvements at the park. This process included several community workshops, extensive site analysis with City staff, and involved a design team including civil, structural, traffic, and electrical engineers. The project received funding from the Magical Bridge Foundation, a non-profit organization with the mission to create play for all. This manifested into creative play spaces that far exceed the Americans with Disabilities Act or universal playgrounds. Magical Bridge playgrounds intend to serve children and adults alike with any disability, including physical, visual, cognitive, or social. The playground opened in December 2020.

# CHANTICLEER NEIGHBORHOOD PARK



Featuring community gardens, agriculturally inspired play spaces, a dog park and open fields, Chanticleer park is a place for all ages.

**Client:** County of Santa Cruz  
**Location:** Santa Cruz, CA  
**Project Manager:** Steve Sutherland and Briana Cox  
**Size:** 5 acres  
**Construction Cost:** \$4.5 million  
**Design:** 2018-2019  
**Completion:** 2020  
**Subconsultants:**

- Aurum Consulting Engineers
- Mesiti-Miller Engineering, Inc
- Haro Kasunich & Associates
- Kyler Engineering

**Contact:** Jeff Gaffney,  
Parks Director  
County of Santa Cruz  
(831) 454-7905

Chanticleer Park is a 5 acre neighborhood park, located on an historic site, which has a legacy of the area's agricultural history. SSA led a design team, including Historic Architect, Civil Engineer, Geotechnical Engineer, Electrical Engineer, and Arborist in the design process, while working closely with the County and local Santa Cruz community. The park program includes historic structures, restrooms, picnic shelters, themed All-Inclusive play areas, parking, informal grass areas, off-leash dog areas, community gardens, skate and BMX bike features and tennis and bocce ball courts. The playground opened in January 2020.

SSA collaborated with Shane's Inspiration on the design of the All-Inclusive playground.

# BRALY PLAYGROUND



AWARD WINNER

*APWA Silicon Valley  
2019 Public Works  
Project of the Year*



Located in Sunnyvale, Braly Playground is 13,800 sf within the 5.6 acres Braly Park. The existing playground was originally built in 1968 with a Japanese theme, including custom wood and concrete features. Over time, the playground had become dilapidated, out-of-date and in need of extensive renovation. The wood structures were beginning to rot and give children splinters and did not meet the CPSC Safety Guidelines; none of the play features were ADA accessible.

The community needed a new, safe playground where children and families could have fun while providing physical, mental and social stimulation through imaginative and physical play. The goal was to provide a playground that would become the hub of socialization and play for families in surrounding neighborhoods, all while providing a new playground design in the park that would honor the original Japanese theme.

The new playground has significantly improved play value with the addition of creative equipment and gaming opportunities throughout. It has improved safety with top-of-the-line equipment meeting current safety standards. During a recent site visit, we observed multi-generational play between grandparents and children. We watched children participating in team activities together and observed a group of teenagers with developmental disabilities from Hope Services enjoying the ADA bucket chair swing, music pieces and slides. We saw parents and grandparents gathered around the music boat, playing with their children while having snack time and socializing. We can confidently say that this new playground has made a significant, positive impact on the community and the people who use it.

**Client:** City of Sunnyvale  
**Location:** Sunnyvale, CA  
**Project Manager:** Steve Sutherland and Briana Cox  
**Size:** 14,000 sq. ft.  
**Construction Costs:** \$1.6 Million  
**Design:** 2015-2016  
**Completion:** 2018  
**Subconsultants:**

- Aurum Consulting Engineers
- Ifland Engineering

**Contact:** Jim Stark  
Parks Division Manager  
Department of Public Works  
(408) 730-7852

# REFERENCES

## **1. CITY OF SUNNYVALE, CALIFORNIA | SEVEN SEAS PARK**

221 Commercial Street, Sunnyvale CA 94085

**Contact: Jim Stark, (408) 730-7596 | [jstark@sunnyvale.ca.gov](mailto:jstark@sunnyvale.ca.gov)**

Through community workshops, SSA developed three master plan concepts for this 5.3 acre neighborhood park each incorporating creative play, exercise and recreational opportunities, educational components, sustainable design, and water management practices. The final plan includes an ADA and inclusive playground designed as a shipping port with large custom faux-rock outcroppings and docks, a splash pad with a subsurface reservoir designed to irrigate site trees, maple tree grove and picnic areas, tennis and basketball courts, seven shade structures, musical play elements, a large grassy meadow/field, a restroom facility, and parking lot. Project responsibilities included community outreach workshops, scheduling, cost estimating, 3-D modeling, site and landscape design, PS&E and construction administration.

## **2. COUNTY OF SANTA CRUZ, CALIFORNIA | CHANTICLEER PARK**

979 17th Avenue, Santa Cruz, CA 95062

**Contact: Jeff Gaffney, (831) 454-7905 | [Jeff.Gaffney@santacruzcounty.us](mailto:Jeff.Gaffney@santacruzcounty.us)**

Chanticleer Park is a 5 acre neighborhood park, located on an historic site, which has a legacy of the area's agricultural history. SSA led a design team, including Historic Architect, Civil Engineer, Geotechnical Engineer, Electrical Engineer, and Arborist in the design process, while working closely with the County and local Santa Cruz community. The park program includes historic structures, restrooms, picnic shelters, themed All-Inclusive play areas, parking, informal grass areas, off-leash dog areas, community gardens, skate and BMX bike features, tennis and bocce ball courts. The park and restroom opened in January 2020.

## **3. CITY OF REDWOOD CITY, CALIFORNIA | RED MORTON PARK**

1400 Roosevelt Avenue, Redwood City, CA 94061

**Contact: Claudia Olalla, (650) 780-7379 | [colalla@redwoodcity.org](mailto:colalla@redwoodcity.org)**

Red Morton Park is the largest programmed park in the City of Redwood City with athletic fields, tennis courts, play areas, recreational buildings, picnic areas, passive open spaces, bocce courts, skate park, and walking trails. In collaboration with the City of Redwood City Parks, Recreation and Community Services Department, SSA recently completed the master plan for programmatic, circulation, parking, entrances, signage, and spectating improvements at the park. This process included several community workshops, extensive site analysis with City staff, and involved a design team including civil, structural, traffic, and electrical engineers. The project received funding from the Magical Bridge Foundation, a non-profit organization with the mission to create play for all. This manifested into creative play spaces that far exceed the Americans with Disabilities Act or universal playgrounds. Magical Bridge playgrounds intend to serve children and adults alike with any disability, including physical, visual, cognitive, or social. The playground opened in December 2020.

# CONTRACT ACCEPTANCE

We have reviewed the example Agreement for Professional Services included in the Request for Proposals. We take no exceptions to the agreement and meet all the requirements including the insurance limits.

# SSA BILLING RATES

## EXHIBIT B

### STANDARD BILLING RATE SCHEDULE

Effective through December 31, 2022

#### PROFESSIONAL SERVICES

Principal Landscape Architect	\$241.00/Hour
Senior Project Manager	\$218.00/Hour
Project Manager II	\$203.00/Hour
Project Manager I	\$178.00/Hour
Job Captain/Landscape Architect II	\$158.00/Hour
Landscape Architect I	\$150.00/Hour
Landscape Designer III	\$146.00/Hour
Landscape Designer II/AutoCAD Technician	\$146.00/Hour
Landscape Designer I	\$137.00/Hour
Staff Clerical/Administrative	\$108.00/Hour

#### REIMBURSABLE EXPENSES

##### **Subconsultants**

Direct Billing x 1.10

##### **In-House Office Services: As listed below x 1.10**

##### Plotting:

Color Bond	\$4.65/sf
Black & White Bond	\$2.95/sf
Vellum	\$4.55/sf
Mylar	\$10.50/sf

##### Transparencies:

Color	\$3.25/each
Black and White	\$2.25/each

##### Color Laser Prints:

8.5 x 11	\$.65/each
11 x 17	\$.95/each

##### Blueprints:

24 x 36	\$2.00/each
30 x 42	\$2.50/each

##### Black & White Laser Prints:

8.5 x 11	\$.10/each
11 x 17	\$.15/each

##### CD Media:

CDR	\$6.00/each
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##### **Outside Reimbursable Expenses:**

Reproduction, photography, shipping and postage, miscellaneous expenses

Direct Cost x 1.10

##### **Travel:**

Mileage Round Trip from SSA office

Current IRS Rate

Other travel expenses

Direct Cost x 1.10

# SUBCONSULTANT BILLING RATES

## **Bowman & Williams**

### **Civil Engineering and Land Surveying**

Principal Engineer	\$190/Hour
Associate Engineer	\$175/Hour
Assistant Engineer II	\$160/Hour
Assistant Engineer I	\$145/Hour
Engineering Assistant	\$130/Hour
Licensed Surveyor	\$190/Hour
Surveyor LSIT	\$155/Hour
Surveyor LSIT2	\$165/Hour
Construction Manager	\$125/Hour
Technical Drafter	\$115/Hour
Administrative Assistant	\$ 95/Hour

## **All Earth**

### **Geotechnical Engineering**

Principal Engineer/Geologist	\$205/Hour
Senior Engineer	\$175/Hour
Staff Engineer	\$145/Hour
Draftsperson	\$100/Hour
Data Entry	\$ 75/Hour
Administration	\$ 75/Hour

## **Hortscience | Bartlett Consulting**

### **Arborist**

Managing Consultants	\$245/Hour
Consultants	\$200/Hour
Arborist	\$170/Hour
Administrative Staff	\$ 80/Hour

## **Aurum Consulting Engineers Monterey Bay, Inc.**

### **Electrical Consultant**

Engineering Director	\$199/Hour
Senior Project Manager	\$178/Hour
Project Manager	\$173/Hour
Electrical Designer	\$163/Hour
CAD Manager	\$127/Hour
Drafter	\$110/Hour
Bookkeeper	\$79/Hour
Administrative Assistant	\$69/Hour

## **Donald C. Urfer & Associates, Inc.**

### **Structural Engineering**

Principal Engineer	\$180/Hour
Senior Structural Engineer	\$170/Hour
Structural Engineer	\$160/Hour
Civil Engineer	\$120/Hour
Senior Draftsperson	\$110/Hour
Junior Engineer	\$ 80/Hour
Draftsperson	\$ 70/Hour

## **Michael Duckett CPSI**

### **Playground Safety Inspector**

Design and plan reviews	\$150/Hour
Playground audit ages 2-5	\$1200
Playground audit ages 5-12	\$1500

\*Audits pricing subject to change depending upon complexity and equipment type.

# APPENDIX A: RESUMES



# KAREN FOLSOM, ASLA, PLA

**SENIOR PROJECT MANAGER - SSA Landscape Architects, Inc.**

With 23 years of experience in the field of Landscape Architecture, Karen has established a career of creating outdoor spaces for the enhancement of our lives. Karen has worked collaboratively with a variety of clients in a variety of program types to achieve project goals. Understanding the importance of a holistic approach to design, and as a LEED Accredited Professional, she continues to incorporate sustainable practices into every project, such as stormwater management practices, low impact development practices, water-wise irrigation and planting systems. Karen has successfully led large consultant teams, bringing experts from all areas together to collaborate and complete successful projects.

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## Education

California Polytechnic State University, San Luis Obispo  
*Bachelor of Science, Landscape Architecture*

## Professional Licensure & Certification

Professional Landscape Architect  
*California, #4994*

LEED Accredited Professional,  
*Building Design + Construction, Green Building Certification Institute*

## International Society of Arboriculture

*Certified Arborist*

## Professional Organization

*ASLA Member*

*USGBC Member*

*ISA / WCISA Member*

## Project Experience

### **Braly, Fairwood and Orchard Gardens Parks**

*Sunnyvale, California*

Playground renovations for three existing parks, including themed equipment, new safety surfacing, peripheral ADA improvements, and landscape upgrades.

### **Campbell Community Center Play Area**

*City of Campbell, California*

A new playground area that includes play equipment, safety surfacing, picnic tables, curvilinear seat wall, and landscape upgrades.

### **Gateway Boulevard Medians**

*City of South San Francisco, California*

SSA was selected by the City of South San Francisco to renovate five median islands in the Gateway area of office parks and high-end hotels. The final result of the project is a boulevard where employees and visitors to the areas can enjoy a bit of natural landscape as they commute to and from their workplace. The visual interest provides traffic calming and beautification of the streetscape.

### **CSUMB Roundabouts**

*Seaside, California*

As a subconsultant to Mesity-Miller Engineering, SSA provided design services, construction documentation, cost estimating and construction observation for the planting and irrigation elements of the project.

### **Jose Higuera Adobe Park**

*Milpitas, California*

.4-acre historic park site renovation featuring new play equipment, picnic site, site amenities, native and Mediterranean plantings, bioswales, low-flow irrigation, and the preservation of heritage olive and walnut trees.



# CHRISTIAN HARRIS, ASLA, PLA

## SENIOR PROJECT MANAGER - SSA Landscape Architects, Inc

Since joining SSA in 2014, Christian has assisted our team on a wide variety of public and corporate campus projects. His varied interests, from planned development to irrigation and water management, have contributed to his technical expertise in the field of landscape architecture. He has participated in focus group discussions with the county of Santa Cruz to help best implement California's updated Model Water Efficient Landscape Ordinance. He has also completed courses in irrigation auditing. Christian's experience on projects for numerous client types and years of experience in the landscape industry will provide valuable knowledge towards up-to-date product selection, budget friendly components, ADA accessibility and technical expertise.

### Education

California Polytechnic University,  
San Luis Obispo  
*Bachelor of Science,  
Landscape Architecture*

### Professional Licensure & Certification

Professional Landscape Architect  
*California, #6217*

### Project Experience

#### **Sherwood Park**

*Paso Robles, California*

Community Workshops, Master Planning, Design, Construction Documents and Specifications, and Construction Administration

#### **Jack Lyle Park Restroom**

*Menlo Park, California*

Conceptual Design and Construction Documents, This was a challenging project as restroom structure needed to match the unique architectural detailing of the Rosner House Senior Center located in the park.

#### **Highlands Park**

*San Carlos, California*

Community Workshop, Conceptual Design, Construction Documents, and Construction Administration

#### **Fairway Glen Restroom Construction Project**

*Santa Clara, California*

Conceptual Design, Construction Documents, and Construction Administration

#### **Seacliff Village Park Restroom Project**

*Aptos, California*

Construction Documents and Construction Administration



# CRAIG WALTZ, PLA

Job Captain/Design Lead - SSA Landscape Architects, Inc

With over 17 years of design experience, Craig brings knowledge and enthusiasm to projects from early stage planning through construction. He has designed and developed action sports facilities to include concrete skateboard parks, bike parks, pump tracks, and parkour facilities under both Wormhoudt Incorporated and California Skateparks. This work has been for both high end residential, corporate events, and municipal projects. He recently worked on the official 2020 Olympic Street and Skatepark Olympic qualifier competition courses throughout America, China, Sweden, Canada, Brazil, and Japan. He has a strong sense of design and combines this with technical understanding and ability.

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## Education

California Polytechnic University,  
San Luis Obispo  
*Bachelor of Science,  
Landscape Architecture*

## Professional Licensure & Certification

Professional Landscape Architect  
*California, #6117  
Minnesota, #54723*

## Professional Organizations

*Fair Political Practices Commission*

*Public Service Ethics Education  
Course Certificate*

## Project Experience

### Farm Park

*Soquel, California*

Conceptual Design, Design Development, Construction Documents, and Construction Administration.

### Heart of Soquel

*Soquel, California*

Conceptual Design, Design Development, Construction Documents, and Construction Administration.

### Makena Golf and Beach Resort Kids Park

*Kihei, Hawaii*

Conceptual Design and Design Development

### Lake Front Park

*Lakeport, California*

Conceptual Design

# PHILIP T. EDWARDS

**Owner, Principal Geotechnical Engineer -  
All Earth Geotechnical Engineering, Inc.**

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## Education

University of California, Davis  
*Bachelor of Applied Science,  
Civil Engineering and Environmental  
Engineering*

San Jose State University  
*Master of Science  
Civil Geotechnical Engineering*

## Professional Licensure & Certification

Civil Engineer,  
California, No. 86451

## Professional Organizations

*APWA Monterey Bay Board of  
Directors, 2014 through present*

*ASCE Monterey Bay Sub-Branch  
President, 2016 through present*

As a civil engineer practicing Geotechnical and Pavement Engineering, Philip's responsibilities will encompass foundation design, pavement design, utility excavations and/or trenchless options, embankment and soil stabilization, and general grading requirements. Philip has extensive experience in non-destructive pavement testing, Caltrans testing requirements, and recycled pavement rehabilitation options including FDR and CIR. Philip works closely with local contractors and suppliers to recommend products that are cost effective and locally sourced. Philip uses his practical and technical knowledge to develop an understanding of clients' needs to offer solutions within budget while using the leading-edge in methods and materials.

## Project Experience

### **Brommer Street Complete Street Rehabilitation - Capitola CA**

- Geotechnical and pavement engineering
- Roadway rehabilitation and complete streets update to improve community and bicycle access in an area with severe alligator cracking, no-sidewalks, and poor bicycle access on a heavily truck trafficked section of roadway
- The existing pavement section was pulverized in place with a cement add-mixture creating a stabilized base. The Full Depth Reclamation (FDR) process reduced cost while minimizing off-haul and improving fatigued soil
- During construction QA/QC was provided for compaction testing of soil and asphalt and FDR design and testing

### **Heart of Soquel Community Space and Trail System - Soquel CA**

- Geotechnical engineering
- The Heart of Soquel is a series of community open spaces linked together by a trail system on the banks of Soquel Creek. The trail system has viewing platforms, raised walkways, interpretive signage, and is ADA accessible.
- Foundation recommendations were provided for the trail system infrastructure along with slope stability analysis and QA/QC during construction.
- Special inspections and test were completed for permeable concrete, structural concrete, foundation excavations, and soil compaction.

### **Harbor High School Athletic Complex Renovation - Santa Cruz, CA**

- Geotechnical engineering
- The field was a mud bog and in desperate need of repair, and the pool was damaged during the 1989 Loma Prieta Earthquake.
- The Harbor High School field is located over non-engineered fill and highly liquefiable soil within a stream channel. Multiple options for soil improvement were recommended including remove and replace, FDR with cement, and relocation of the pool to stable soil.
- Special inspections and tests were completed in accordance with DSA guidelines for foundations excavations, concrete, soil compaction, drainage, steel, glulam beams, high-strength bolting, and CMU construction.



# MARTÍN H. PÉREZ

## PROJECT MANAGER, PRINCIPAL

**Aurum Consulting Engineers Monterey Bay, Inc.**

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### Education

Hartnell College, Salinas, CA  
*Associate in Arts Degree, 1983*  
*Electromechanical Drafting*  
*Certificate*

### Professional Licensure & Certification

NICET Level III Certification in  
Fire Alarm Systems  
*Certificate No. 136258*

### Professional Organizations

*National Fire Protection Association*  
*(NFPA), 2000*

*BICSI Member, 2004*

### Software

*AutoCad*  
*Revit*

Martin's Electrical Engineering design experience spans more than twenty years involving Power Systems, Low Voltage Systems, Emergency Power Systems, Lighting Systems and Fire Alarm Systems for new and renovation projects. His projects have included office buildings, commercial buildings, educational facilities, recreational facilities, computer rooms, hotels and housing projects. Martin has a proven record of approved projects at DSA (Division of the State Architect) over the last 15 years and is the staff specialist in Fire Alarm Systems design. He has been in charge of numerous fire alarm system designs for educational facilities that range from Elementary Schools, Middle schools, High Schools, Community Colleges and Universities as well as Health and Commercial facilities.

He has a complete knowledge of the latest California Energy Compliance (Title 24) requirements.

### Project Experience

#### **Seven Seas Park - Sunnyvale, CA**

Electrical design for a new community park which included, new electrical service, security and pathway lighting, power to water feature and coordination for electrical connection to a prefabricated restroom building.

#### **Pinewood Park Renovation - Milpitas, CA**

Renovation of a medium size neighborhood park. Project included upgrading pathway lighting to meet minimum safety lighting requirements along with new lighting controls to meet Title 24. It also included electrical design for new covered picnic areas and refurbishing a lighting control pedestal for tennis courts.

#### **Red Morton Park Westside Renovation project - Redwood City, CA**

Design electrical construction drawings to relocate the electrical service equipment away from a future play area of the park. Design included coordination with PG&E for relocating overhead high voltage lines. Electrical service to prefabricated restroom structure.

#### **City of Soledad Vosti Park - Soledad, CA**

Electrical design for reconfiguration of existing baseball field into (2) soccer fields. Design included relocation of existing sports field lighting poles, light fixture upgrades and controls.

#### **Sherwood Park - Paso Robles, CA**

Electrical service for prefabricated restroom structure.



# BENJAMIN R. RYLANDER

**Principal Engineer - Bowman & Williams**

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## Education

Polytechnic State University,  
San Luis Obispo, CA  
*B.S. 2007, Civil Engineering*

## Professional Licensure & Certification

Civil Engineer,  
California, No. 77954

## Professional Organizations

*Member of American Society of  
Civil Engineers (ASCE)*

Ben has been with Bowman & Williams since 2015. His general project experience is in civil design for residential, commercial, industrial, and public works projects, with emphasis on site grading and storm drainage, low impact design, erosion control, utilities, site layout, land development and retaining wall design. Early in his career, Ben assisted with topographic, flood, and boundary surveys as well as construction staking. Later, Ben worked on designs for rooftop visual screens and rooftop solar racking systems. Ben has been a partner at Bowman & Williams since 2019.

## Project Experience

### **Anna Jean Cummings Park- Santa Cruz County, CA**

Bowman & Williams prepared final construction plans, specifications & estimates for the Anna Jean Cummings Park located in Soquel adjacent to Soquel High School. This new park constructed for the Santa Cruz County Parks, Recreation & Open Space Department consisted of 2 softball fields, 2 soccer fields, lower & upper parking lots, play structures and picnic areas. Estimated Cost of the improvements was \$2,700,000. The project involved ADA Access, Utility Design, Grading Design, Parking Lot Design & Erosion Control Plans. The project also involved the widening of Soquel/ San Jose Road along the park frontage.

### **Depot Park- Santa Cruz County, CA**

Bowman & Williams was the Project Civil Engineer for this new City Park. The park included a new synthetic turf soccer field, new play structures and a new pathway with lighting along the railroad frontage to the proposed site of the new Monterey Bay Sanctuary Building. Bowman & Williams also performed structural engineering for renovations to the existing historical depot structure. The project also included the realignment of Washington Street. The project involved ADA Access, Utility Design, Grading Design, Parking Lot Design & Erosion Control Plans and the preparation of a SWPPP Plan. Water Quality Best Management Practices were implemented as a portion of the site runoff enters Neary Lagoon, a sensitive habitat.

### **Seacliff Village Streetscape Plan - Santa Cruz County, CA**

Bowman & Williams prepared final construction plans, specifications & estimates for the Seacliff Village Streetscape Plan & State Park Drive Improvement Project located in Aptos, California. The project involved Topographic Mapping, ADA Access, Construction Administration and Survey Staking, Utility Design, Grading Design, Parking Lot Design, Erosion Control Plans.



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## Education

San Jose State University  
*B.S. 1995. Civil Engineering*

## Professional Licensure & Certification

Land Surveyor  
*California, No 8229*

# BRYAN F. HAPPEE

## Director of Survey - Bowman & Williams

Bryan has been employed with Bowman & Williams since 1993 and has been licensed as a Professional Land Surveyor since 2008. Bryans' role in the project will be to direct the field crew for the surveying portion of the project and to oversee the topographic and boundary mapping.

Bryan's survey work includes construction, as-built, ALTA (American Land Title Association), boundary surveying, topographic surveying, GPS surveying including static and RTK (real time kinematic), building and shoring monitoring surveying, and leveling. Bryan has performed work for homeowners, as well as public agencies, school districts, and universities.

## Project Experience

### **Anna Jean Cummings Park- Santa Cruz County, CA**

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# DARYA BARAR

## **Consulting Urban Forester and Manager - Hort Science/Bartlett Consulting**

### **Education**

California State Polytechnic  
University, Pomona  
*Bachelor of Arts, Liberal Studies;  
Minor: Horticulture*

### **Professional Licensure & Certification**

*Registered Consulting Arborist #693*

*ISA Certified Arborist (WE-6757A)*

*Tree Risk Assessment Qualification*

*Tree & Plan Appraisal Qualification*

Darya Barar manages the HortScience | Bartlett Consulting (H|BC) office of 11 employees, nine of whom are Certified Arborists with six are Registered Consulting Arborists. During her tenure with H|BC Darya worked with the City of Menlo Park on their Heritage Tree Ordinance update, the City of Vallejo on a street tree ordinance update and is an on-call Arborist for the City of Berkeley. Darya specializes in urban forestry management with 14 years of experience in the municipal setting. She has particular experience in disaster management. Darya has extensive experience working with community groups, state and local agencies on tree ordinances, master plans and large scale tree replacement projects.

### **Project Experience**

#### **City of Menlo Park, CA**

Darya worked with City of Menlo Park staff and the Heritage Tree Task Force on benchmarking and developing a policy analysis report for revisions to the Heritage Tree Ordinance. Darya developed a preferred options package based on direction from the Heritage Tree Task Force. The package included five main subject areas with 16 preferred options and over 50 options considered.

#### **City of Vallejo, CA**

Darya worked with the City of Vallejo to revise the street tree ordinance. During her there, she also help the City of Vallejo to successfully obtain funding for a street tree inventory project.

#### **City of Berkeley, CA**

Darya provides on-going consulting services. Evaluating street tree removal requests, reviewing development plans for compliance with tree conditions, and reviewing sidewalk renovations where public trees maybe impacted.

#### **City of Mountain View, CA**

Darya developed a street tree palette for the North Bayshore area of Mountain View. We assembled a list of candidate tree species that provided the desired functions, assessed the site suitability of each based on several factors including, salt tolerance, drought tolerance, longevity and performance in paved areas. We then recommended species for street tree replacement based on the five street typologies presented in the North Bayshore Precise Plan. Finally, Darya developed a plan to phase existing street trees replacement with the newly designated street tree species.

#### **Palo Alto Unified School District, CA**

Darya provides on-going consulting services to the School District to evaluate tree health and structural condition, diagnose problems and recommend tree care management treatments to promote health and stability. Darya also provides Arborist Reports for planned renovation or development on PAUSD property.

# SCOTT R. HAGGBLADE

## Senior Structural Engineer - Donald C. Urfer & Associates Inc.

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### Education

California Polytechnic University,  
San Luis Obispo  
*Bachelor of Science,  
Architectural Engineering*

University of California, Berkley  
*Master of Business Administration*

San Jose State University  
*Master of Science, Civil Engineering*

### Professional Licensure & Certification

Civil Engineer,  
*California, No. 33063*

Structural Engineer,  
*California, No. 2950*

Mr. Haggblade has practiced structural engineering for over 40 years, the past 35 years with Donald C. Urfer & Associates, Inc. For the past 20+ years he has specialized in the structural design and analysis of educational and medical facilities. During this time he has been the primary structural engineer for dozens of public school projects including more than 10 new elementary schools and numerous new school buildings. In addition, he has worked on many hospital and medical facilities with an emphasis on the support and attachments of mechanical and electrical systems. A partial list of projects for which he was the primary structural engineer is as follows:

### Project Experience

**Heart of Soquel:** The Heart of Soquel project consisted of paths, raised boardwalks, and viewing platforms along the banks of Soquel Creek.

**Ebay Courtyard Canopy Structure:** This project consisted of supporting a shade canopy structure over a sports court.

**Rispin Mansion Park:** The Rispin Mansion was built in the 1920s along the banks of Soquel Creek in Capitola. This project included returning the gardens to their original glory. The project includes a new arbor, repair and replacements of retaining walls, and a new amphitheater.

**Half Moon Bay High School Miscellaneous Sports Field Projects:** Various projects for Half Moon Bay High School include a new clubhouse, site retaining wall and site ramps.

**Spinning Coaster Support Frame:** The Spinning Coaster is a new ride for the Santa Cruz Beach Boardwalk set on top of an existing concrete structure. A new steel framework was designed to support the ride and re-distribute the dynamic ride loads to the support points of the existing concrete structure. The complicated ride load distribution and the dynamic loading required a creative engineering solution.

**Carmel Mission Seismic Strengthening:** The historic Carmel Mission was an unreinforced stone masonry building. As unreinforced masonry structures perform poorly in seismic events, the Mission was strengthened to reduce the risk to the building occupants and preserve the Mission for future generations. The historic nature of the Mission and the unusual construction required the use of unique and innovative strengthening techniques to preserve the appearance while increasing the strength. This was achieved in part by adding grouted center core rods, concrete bond beams in the attic and new plywood diaphragms. In addition the strengthening had to be designed in such a way as to allow the Mission to remain open to the general public.