

Jollyman Park All-Inclusive Playground Project

for the
City of Cupertino

August 30, 2021



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PGAdesign

LANDSCAPE ARCHITECTS

1. Transmittal Letter

August 30, 2021

City of Cupertino

10300 Torre Ave, Cupertino, CA 95014

Attn: Evelyn Moran, CIP Project Manager

re: **City of Cupertino RFQ for Design Services for Jollyman Park All-Inclusive Playground Project** Dear Ms. Moran,

PGAdesign is delighted to submit our response to the Request for Qualifications to the City of Cupertino for the Design Services for Jollyman Park All-Inclusive Playground. With over four decades of experience providing design and consulting services for parks, recreational facilities, and open space facilities, PGAdesign has accumulated a rich portfolio of projects and in-depth knowledge regarding the practical design of public spaces. PGAdesign has completed over 88 park and recreation projects, and over several hundred public sector projects within Northern California. In addition to city parks, our experience includes trails, open space, community centers, ballfields, and sports/recreation facilities—many with environmental or historical components. We enjoy a reputation for clear communication with city staff, consultant teams, and project stakeholders because of our excellent outcomes on past projects. We strive to get the most out of community meetings and enjoy delivering projects that develop a shared understanding and achieve the highest in community expectations.

PGAdesign brings 42 years of experience and a staff of 13, including 7 licensed Landscape Architects, 8 ReScape (Bay-Friendly) Qualified Landscape Professionals, 1 ReScape (Bay-Friendly) Rater, 1 ReScape Firescaping Qualified Professional, 1 Certified Irrigation Designer, 2 QWEL Professionals, 1 Certified Playground Safety Inspector, and 1 ISA Certified Arborist, all of whom are current on contemporary technologies, initiatives, materials, and ideas that prolong a site's life cycle. PGAdesign's leadership in established and emerging sustainable practices contributes to our understanding of landscape site design concerning planting and irrigation. Our resulting projects are low maintenance, water efficient, and highly sustainable.

While PGAdesign brings extensive experience to park design and play environments in general, we especially excel at designing all-abilities parks. Our award-winning All-Inclusive Rotary PlayGarden in San Jose offers a compelling array of activities inclusive of children of varying abilities. Karen Krolewski, the lead designer on the PlayGarden, guided the project through master planning, design and inception, and determining donor opportunities for park elements. She is currently working on phase 2 of the project. Ms. Krolewski lectures on the topic of all-inclusive play and welcomes the opportunity to work on such a project with the City of Cupertino.

We are enormously enthusiastic about collaborating with the City of Cupertino. We are equally enthusiastic about improving Jollyman Park to ensure it is a destination for the Cupertino community as an all-inclusive playground. Considering the city's vision of the plan, it will benefit from PGAdesign's thoughtful, experienced approach to play space design and community engagement. To see the project through from start to the completion of construction, we have assembled an ideal team for addressing the many Jollyman Park concerns and considerations.

We eagerly look forward to our next opportunity to discuss Jollyman Park.

Sincerely,



Principal and Vice President, **PGAdesign**

2. Overview and Summary

PROJECT APPROACH AND ORGANIZATION

PGAdesign, in collaboration with our subconsultants, offers a capable team to provide design services for the Jollyman Park All-Inclusive Playground for the City of Cupertino. As a landscape architecture firm, we will provide design services for the project, incorporating our extensive award-winning knowledge of designing all-inclusive play spaces and our skill at harnessing community input.

"Inclusive play is not about meeting 'special needs'; it's about meeting all children's and young people's need to play, wherever they choose and in a variety of different ways." (Douch, 2006)

PGAdesign will be the prime landscape architect for the project. We will prepare design plans, cost estimates, and construction documents, and schedule the design and bid process. We take pride in our work environment and our team members who are innovative yet responsible and dedicated to designing public spaces. Our team will bring a collaborative approach to design to allow for design of a unique play space incorporating the all-inclusive practices outlined in the masterplan/grant process.

COMPONENTS OF AN ALL-ABILITIES PLAYGROUND

PGAdesign brings deep expertise in designing all-abilities playgrounds, and will draw on past experiences and current projects to identify and reaffirm the components of an all-abilities playground.

PGAdesign employs our own internal guidelines when designing play areas for children of all abilities and will work with those outlined in the RFP. The guidelines surpass access codes and serve as a strong basis for designing an all-abilities playground. We strive to use these when developing any project. We will develop a design that meets the community's desires, and that incorporates the Cupertino standards outlined in the RFP.

PARTICIPATORY DESIGN EXPERIENCE

We are ready to lead community engagement as we develop playground concept designs, with emphasis on engaging multi-cultural, multi-lingual, and people of all-ability communities. As elaborated in the body of this proposal, we bring extensive experience in this realm, such as in our work at the Rotary All-Inclusive Playground in San Jose where we produced concept plans in two language. We have included **Cascadia Consulting** on our team to incorporate their inclusive, equity-oriented public engagement strategies. Their methods focus crowdsourced creativity and democratized decision-making to gain broad public support and center those who are most impacted by and who most benefit from projects. They will assist with public outreach via mailer as well as web based methods.

PUBLIC AND NON-PROFIT PROJECT EXPERIENCE

PGAdesign brings decades of experience collaborating with local Bay Area government and non-profit project teams. For the Rotary PlayGarden for the City of San Jose, we developed the design and donor program in collaboration with non-profit organizations. Our projects routinely undergo review, ensuring they comply with budgets, regulations, standards, and design guidelines. We strive to go above and beyond codes for access to make spaces for all-abilities. At our Brooklyn Basin affordable housing project, we are working with a non-profit organization to teach high school students about design and technical compliance and welcome such an opportunity of collaboration for the City of Cupertino.

PROJECT TEAM

To carry out the Jollyman Park Inclusive Playground project, we have invited several subconsultants to supplement our in-house knowledge: **Ware Associates**, **Zeiger Engineers**, **Cascadia Consulting**, **Scientific Art Studio**, **BSK Associates**, **SANDIS**, and **Hort Science / Bartlett**. We have a long and successful history of partnering on projects with these firms. Please refer to the organizational chart at the end of this section for more information.

3. Firm Qualifications and Experience

OUR TEAM & EXPERTISE

PGAdesign, an **S-Corporation with 45 years in business** is uniquely qualified to develop an all-abilities playground for the City of Cupertino, relying on experience to guide us to the best result. Principal **Karen Krolewski** has considerable experience not only in park playground design, but also in managing teams of sub-consultants, including architects and engineers. She has done this to success for Rotary PlayGarden in San Jose, Clover Park in Dublin, and the Charles Porter Golden Gate Recreational Center in Oakland. As a Certified Playground Safety Inspector member, much of Ms. Krolewski's professional experience focuses on playground and park projects. She has a passion for designing public spaces that enrich lives of children and families in each community.

ALL-INCLUSIVE CREDENTIALS

Ms. Krolewski, as a **certified playground safety inspector**, has a specialty in providing all-accessible and inclusive play spaces and has excellent knowledge in implementing access codes. Maintaining a holistic approach to the shared environment demonstrates a commitment that all users benefit from improvements, and calms the concerns of those who may feel that their limited public resources are spent on code compliance that serves only a small minority constituency.

The following is a summary PGAdesign uses when designing a play area for children of all-abilities. We strive to use these guidelines which surpass accessibility codes and serve as a clear yet strong basis for designing an all-abilities playground.

- For a site to be truly inclusive, it still needs to provide a challenge to those children who require it
- A clear route through the playground
- Access to all the play elements, hard surfacing such as concrete or rubber safety surfacing, gentle slopes throughout
- Ground-level accessible equipment
- Incorporating sensory play, visual, sound and tactile opportunities
- Including different challenges of physical play
- A variety of accessible high points, to offer vantage point
- Quiet areas that have gentle sensory experiences benefit young children or children who need time out away from high tempo action
- Each play structure has opportunities for all children, regardless of needs
- Various physical play features—bouncing, spinning, climbing, swinging—for proprioceptive and vestibular development;
- Sensory play features like sand/water, plants/tactile elements, music/sound, kinetic/interactive elements, areas of refuge;
- Side-by-side play elements to foster assisted play among children of all abilities

EXPERTS AT ALL-ABILITIES PLAYGROUND DESIGN

PGAdesign's robust design credentials situate us as an ideal leader in designing the Jollyman All-Inclusive Playground project. Our experience at the Rotary PlayGarden especially equip us to manage the opportunities and challenges of this project.

The Rotary PlayGarden is a fully-accessible play area located in City of San Jose's Guadalupe River Park. It is a first of its kind for San Jose and is the Centennial project funded by the Rotary Club of San Jose, the City of San Jose and the Guadalupe River Park Conservancy. It is the largest Rotary project ever funded in the United States. That the project was also partly funded by the Santa Clara County Office of Education indicates the level of integration the playground offers to children of all abilities.

PGAdesign, led by Karen Krolewski, designed the PlayGarden, developing the project's principals with Rotarian Julie Matsushima. The play area started out as a vision by Julie with a recognition that the disparity of the play spaces often leads to isolation for children with special needs. She had a desire to see her twin granddaughters, Aimee and Chloe, be able to play side-by-side, even though Aimee was born with cerebral palsy. It was her initial determination and connection as past president of the Rotary Club of San Jose that began the drive to make the Playground construction the focus of the Centennial project.

The PlayGarden provides multiple activities that accommodate a variety of skills. There is climbing, spinning, and bouncing

3. Firm Qualifications and Experience

equipment; kinetic elements; sand; water play areas; and even a wheelchair-accessible carousel—all in a layout that encourages playing together. These ideas were researched by connecting with educators and user groups throughout the design process.

The PlayGarden also features several unique artistic elements, some produced by PGAdesign and others in collaboration with artists/fabricators Scientific Art Studio. PGAdesign worked closely with the structural engineer to design and grade the concrete embankment slides, entryway, bridge and earthen mound feature. We researched off the shelf components and combined them with custom elements to develop the play area. We also worked with Verde Design, who completed the civil engineering for the parking lot. We ensured every element was accessible and provided accessibility in a democratic way so that it encourages users to play side by side.

ROTARY PLAYGARDEN CONSULTANT COLLABORATION

At the Rotary PlayGarden Phase 2 project we worked closely with **Ware Associates**, who we have identified to provide architectural and structural engineering for the Jollyman project. As both an architect and structural engineer, John Ware provides insightful and cost-effective solutions for the design of unique play equipment and park structures. For the PlayGarden, Ware assisted with the design of a “living willow” structure made of rebar, and a concrete sensory dome in the form of a California buckeye hull. Ware was able to take our rough sketches of our design and engineer the structure to our vision.

On Rotary PlayGarden Phase 1, we also collaborated with Ron Holthuysen of **Scientific Art Studio** to advance and fabricate the design for water features, animal sculptures, and interactive kinetic elements. Scientific Art Studio is known for their innovative fabrication techniques, with particular expertise in immersive and inclusive playgrounds. They have completed play-space projects at the Bay Area Discovery Museum, San Francisco Zoo, and the Oakland Zoo.

Similarly, on other recent projects we have worked with play-equipment manufacturers such as ID Sculpture, Earthscape, and Kompan to bring custom-designed play elements to our projects and can certainly do so for Jollyman.

WORK WITH CITY STAFF, COMMUNITY GROUPS & STAKEHOLDERS

PGAdesign excels at completing complex public sector projects, understanding success lies in collaboration between City staff, community groups, stakeholders, and the project team. With most of our work being in the public realm, PGAdesign has accumulated a rich history of public projects. We are adept at navigating the challenges of a community’s concerns while facilitating communication with city agencies. Through all our projects, PGAdesign builds successful partnerships with stakeholders—owners, agencies, institutions, developers, engineers, and architects—affording us active leadership in the design process. We pride ourselves on possessing core strengths that greatly enhance a project’s process. Purposeful and attentive listening, and clear communication and presentation skills, facilitate design concepts that skillfully balance community needs and program requirements.

PGAdesign has worked on several projects over the past 18 months using remote community outreach and design development with city clients, proving PGAdesign’s resiliency and adaptability. These include Beachfront Park master planning for Crescent City, and the Heritage Park and Museum concept expansion plan for the City of Dublin.

Beachfront Park’s community engagement process overcame several challenges to maintain a connection with the community through the COVID-19 crisis and wildfires in Northern California. With a non-negotiable grant deadline looming, PGAdesign collaborated with the City of Crescent City to complete an entire online community engagement process for the park masterplan. Recognizing the challenges of online engagement, the design team took a multi-pronged approach that included: direct outreach to stakeholder groups; posting drawings in the park, at the farmers market, and on the city website; and holding online webbased community meetings

3. Firm Qualifications and Experience

Community members had several ways to offer input on the design: live polling questions, public comment and Q & A during the community meeting, an online survey posted on the city website, an email and phone number, and through direct communication with the city's project manager for key community groups.

Clear graphic communication, extensive annotation, annotation of plans during the web meeting, and constant communication within the team made it possible to execute this ambitious and unanticipated outreach plan.

"We have received wonderful feedback on your community presentation. I have fielded several phone calls and am pleased to say that we have had especially strong support from our tribal community." -Holly Wendt, Director of Recreation, City of Crescent City

Our team will be ready and able to assist the City's needs as they arise no matter how complex or small the need may be. We are equipped to meet on short notice to resolve construction and design issues. Our staff enables us to be flexible and responsive, and our deep and varied knowledge allows us to be thorough in responding to any questions.

IDENTIFYING FUNDING SOURCES AND OPPORTUNITIES

PGAdesign brings extensive experience collaborating with Bay Area government and non-profit project teams, including doing so to identify funding sources and opportunities. When the Santa Clara County Board of Supervisors approved an effort to build all-inclusive playgrounds for everyone including children and families with disabilities throughout the County, they highlighted PGAdesign's Rotary PlayGarden as showcasing this initiative's purpose: providing an environment where children and adults of all abilities can play side-by-side. The project met a critical need, given that "over 10,000 children in Santa Clara County have 'major disabilities,' and over 20,000 take advantage of special education in our schools. But except for the Rotary PlayGarden in San Jose and the Magical Bridge Playground in Palo Alto, neither our county parks nor city or school playgrounds, are genuinely accessible to them or any parents with disabilities." As the grant states:

"The minimum standards set by the Americans with Disabilities Act do not address ways to make sure children in wheelchairs can actually use the play equipment, or for the growing population of children with Autism Spectrum Disorder to play safely and comfortably. They also don't address the needs of children with feeding and breathing tubes, or those in need of structural support."

PGAdesign's PlayGarden addressed these needs. Continually touted by the Board of Supervisors as an example of what is needed and what is possible, the Board recognizes the key role played by PGAdesign:

In a video of how the Rotary Club's Centennial Project came about, Jon Ball, Rotary PlayGarden Cabinet Member and Executive Vice President of Hensel Phelps, the overseeing contractor for the San Jose PlayGarden, said they couldn't have done it without PGAdesign, our input and our vision. That vision in large part belongs to Principal Karen Krolewski, who makes it her life work to research and design inclusive parks.

VETTING CONCEPTUAL DESIGNS WITH COMMUNITY GROUPS AND COMMISSIONS

In past projects, like the Rotary PlayGarden described above, we developed a list of all-abilities design ideas and vetted the list with identified user groups, city commissions, and other all-abilities projects. In the last several years, many notable all-abilities projects have been constructed; each has a differing take on what is built. With our expertise we hope to create a process that will foster a unique project for the City of Cupertino drawing from the past.

STAFFING LEVELS & LITIGATION

Our staffing levels over much of our last 25 years has remained at 13 full-time employees. We hire for longevity and are committed to training and retaining our employees. The time commitment for PGAdesign's staff will vary depending on the nature of the project and the project schedule. Ms. Krolewski's will be fully involved in the design of Jollyman project and will work to ensure it receives top priority in our office. We have weekly staffing meetings and ensure projects are fully staffed.

PGAdesign has no pending or on-going litigation against the firm or individuals.

3. Firm Qualifications and Experience - Organization Chart

PRIME CONSULTANT



P.I.C. & project manager

Karen Krolewski
PGAdesign
Principal &
Landscape Architect
Main Point of Contact



Mark Wessels
PGAdesign
Landscape Architect &
Community Liaison



Evan MacGregor
PGAdesign
Landscape Architect &
Technical Design Lead



technical staff

Bob Towar
PGAdesign
Irrigation Designer

SUB-CONSULTANTS

Chad Browning, PE
SANDIS
Associate Principal
21 years of experience
**Surveying, Civil, Construction
Management**

Cristiano Melo, PE & GE
BSK Associates
Principal & Project Manager
19 years of experience
Geotechnical Engineer

John Ware, PE & Arch
Ware Associates
Principal
30 years of experience
Architect & Structural

Maddie Seibert
Cascadia Consulting
Associate
6 years of experience
**Community Engagement
& Outreach**

Ron Zeiger, PE
Zeiger Engineers
Principal
40 years of experience
Electrical Engineering

Ron Holthuysen
Scientific Art Studio
Owner
35 years of experience
Artist/Fabricator

Pam Nagle, LA
Hort Science/Bartlett
Principal
20 years experience
Consulting Arborist

4. Staff Qualifications and Experience



PROFESSIONAL HISTORY

PGAdesign, 2002 to present

Tom Richman & Associates, 1997 - 2002

Pat Loheed/Landscape Architect,
1996 - 1997

Paul Lu and Associates, 1995

UCB Extension, AutoCAD Instructor,
2013

EDUCATION AND REGISTRATION

California Landscape Architect, #4347

Master of Landscape Architecture, 1995,
University of Massachusetts

Bachelor of Fine Arts, 1991,
Cornell University

LEED Accredited Professional

Certified Playground Safety Inspector

Bay-Friendly/ ReScape Qualified
Professional

Bay-Friendly/ Re-Scape Rater

PROFESSIONAL AFFILIATIONS

American Society of Landscape Architects
(ASLA), Member

Past Bay-Friendly Coalition/Re-Scape
California, Board Member

Past Friends of Oakland Parks and
Recreation, Capital Improvements
Committee, former Board Member

Lecturer for Turf versus Synthetic Turf
Debate for City of San Carlos Wellness
Committee, 2017

Karen Krolewski, Principal at PGAdesign

Karen Krolewski will serve as the Project Manager of the Jollyman Park Playground project. During her 25 years of professional experience, she has developed talents that span the breadth of landscape architecture and fine arts. Karen's projects showcase a unique blend of technical expertise and aesthetic appeal. Insightful design ability and superior technical acumen afford her exceptional problem-solving abilities, and her successes range from creatively reusing existing site materials to full compliance with the most complex and challenging technical codes.

Karen is often Prime Landscape Architect and she showcases her organizational and leadership abilities in complex public projects. Her credits include parks and playgrounds, high-density multifamily housing, educational facilities and community-based spaces.

Inclusive play design is Karen's primary interest. Not only is she a recognized lecturer on the topic, but she also aspires to incorporate universal access surpassing ADA codes. Ms. Krolewski is a Certified Playground Safety Inspector with a passion for designing public spaces that enrich the lives of children and families in a given community.

For Jollyman Park she will draw on past experience, specifically her groundbreaking experience with the design of Rotary PlayGarden where she was able to bring a unique solution of design working with Scientific Art Studio to fully develop a vision of play for everyone.

SELECT PROJECT EXPERIENCE

Rotary PlayGarden, Phase 1 & Phase 2, San Jose

The fully accessible PlayGarden focuses on providing multiple activities that accommodate a variety of inclusive play needs and surpasses ADA requirements. There is rotating, swinging, sliding, climbing, spinning and bouncing equipment, kinetic elements, sand, tactile play, water play, and a wheelchair accessible carousel. The park's legacy includes hiring and training staff with special needs to help maintain the park.

Clover Park, Dublin

Clover Park is a new 2-acre neighborhood park located in the Dublin Iron Gate Community. The design focuses on providing inclusive play around a modern-themed circular design. There are landscaped enclosures that correspond to a variety of neighborhood needs, including areas for adult fitness equipment, child fitness and play, a dedicated play area for 2- to 5-year old children, an informal lawn, a multi-purpose field, and picnic areas.

Charles Porter Recreation Center, Oakland

This 2-acre project showcases water conservation elements integrated into park design. The project replaced the existing community center and redesigned the surrounding asphalt paved play areas. Stormwater is treated through a permeable concrete sub-base under the rubber surfacing, which channels the water through a series of vegetated stormwater-treatment areas that look like castle moats.

4. Staff Qualifications and Experience



PROFESSIONAL HISTORY

PGAdesign, Associate, 2019

Urban Arena, Project Designer, 2018 to 2019

Fletcher Studio, Design Intern, February 2018 to May 2018

Four Dimensions, Landscape Designer, 2015 to 2016

EDUCATION AND REGISTRATION

California Landscape Architect

Bachelor of Arts in Landscape Architecture, University of California, Berkeley, 2018

Associate of Arts in Landscape Architecture, Merritt College, Oakland, 2015



PROFESSIONAL HISTORY

PGAdesign, 2018 to present

Trust for Public Land, Intern, 2018

PGAdesign, Intern, 2017

Mark Wessels Tree Care, Oakland Arborist/Owner, 2014-2016

Professional Tree Care Inc., Berkeley Arborist, 2012-2014

EDUCATION AND REGISTRATION

California Landscape Architect

Master of Landscape Architecture, 2018 University of California, Berkeley

ISA Certified Arborist

Bachelor of Science in Neuroscience, 2008, Oberlin College

Evan MacGregor, Landscape Architect at PGAdesign

Drawing from past experience in design build, construction, and garden stewardship, Landscape Architect Evan has broad knowledge of plants, an affinity for landscape design, and a desire to create enjoyable and sustainable community spaces in the urban landscape. He has exceptional hand-drafting skills and command of a variety of technical tools that allow him to render clear site designs for presentations to the client or to the community. As a Bay Area native, Evan has a strong sense of local pride and history and is passionate about developing creative solutions to issues of climate change and social justice.

Recently, Evan worked with Ware Associates on the Rotary PlayGarden Phase 2 project to create a “willow tunnel” out of rebar, mimicking a living tunnel form, yet durable enough for park use. As an avid plantsman, Evan will also ensure the planting design at Rotary is durable, low maintenance, and habitat fostering. On the Jollyman Park Playground project, Evan will provide technical design to ensure the unique features expressed in the RFP are realized.

SELECT PROJECT EXPERIENCE

- Rotary PlayGarden, Phase 2, San Jose: Provided construction document preparation.
- Clover Park, Dublin: Provided construction administration
- Beachfront Park Masterplan, Crescent City: Provided assistance on master plan production.

Mark Wessels, Landscape Architect at PGAdesign

Driven by a desire to build more equitable cities, Landscape Architect Mark Wessels designs spaces that bring diverse groups of people together. Mark’s focus is on redesigning linear urban sites as spaces for people; transforming streets, urban creeks, and waterfronts into linear parks that tie cities together.

Mark combines technical knowledge and sensitivity to place to build spaces that are beautiful, functional and durable, and that invite people from different backgrounds to come together outdoors. An ISA Certified Arborist, Mark brings technical knowledge of tree preservation to his projects.

On the Jollyman Park Playground project, Mark will focus on community engagement. He brings experience navigating diverse community needs, particularly as demonstrated in the Beachfront Park Masterplan project, and is especially skillful in presenting design proposals at community meetings, as he did during the Rotary PlayGarden Phase 2 project.

SELECT PROJECT EXPERIENCE

- Rotary PlayGarden, Phase 2, San Jose: Provided assistance at community meetings.
- John Hinkel Park, Berkeley: Provided community meeting support and complete doconstructions documents for custom play equipment.
- Beachfront Park Masterplan, Crescent City: Provided assistance on master plan production.

4. Staff Qualifications and Experience



PROFESSIONAL REGISTRATIONS

Registered Architect, CA: #32436

Registered Architect, WA: #20123529

Professional Engineer, CA: #46323

Professional Engineer, WA: # 41715

Professional Engineer, FL: #44615

PROFESSIONAL AFFILIATIONS

American Institute of Architects (AIA)

LEED Accredited Professional (USGBC)

American Society of Civil Engineers (ASCE)

American Institute of Steel Construction (AISC)

U.S. Green Building Council (USGBC)

EDUCATION

MArch University of California, Berkeley (1995)

MEng Civil and Environmental Engineering, Cornell University (1987)

BS Engineering Cornell University (1986)

John Ware, Architect & Structural Engineer, Ware Associates

As Ware Associates' managing principal, John has served as project manager on a variety of award-winning projects and feasibility studies. He has over thirty years of architecture and engineering design experience on municipal, commercial, residential, and land development projects. John has structural experience analyzing seismic, wind, earth, dead and live loading under the guidance of

ICC, ANSI and CBC codes. He also has extensive engineering experience in reinforced concrete, steel, wood, and reinforced masonry, pile and pier foundations. John's goal is to work collaboratively to consider a project's primary systems at the inception and to ensure that potential symbiotic relationships can be delivered that improve the final design. John takes pride in maintaining Ware Associates' high standards to best serve client needs and continues to develop the practice's portfolio of innovative and diverse design projects.

For Jollyman John will provide a creative solution for the structural elements of the project similar to how PGAdesign has worked with John to envision the willow structure for Rotary PlayGarden.

RELEVANT EXPERIENCE

Rotary PlayGarden Phase II, San Jose, CA

Project manager for the design of these custom nature-inspired play structures fabricated by Richmond-based Scientific Art Studio, including Buckeye Hull and a Living Willow Arbor and Tunnel

Alice Chalmers Playground, San Francisco, CA

Project manager for the structural design of a custom 38-foot-tall enclosed fort structure for one of the City's most neglected parks. The prefabricated and space-saving structure takes advantage of the 1/4 acre park's location, providing playground users with commanding views of the San Francisco skyline.

McClellan Ranch Preserve Environmental Education Center, Cupertino, CA

Project Manager for the structural design of the new Environmental Education Center and structural upgrades to the existing blacksmith shop and barn. Contributor to the detailed Historic Structures Assessment report, including recommendations for seismic upgrades of the existing ranch buildings per FEMA 310 and the CBC Historic Building Code.

Shoreline Parks & Pedestrian Bridge, City of San Mateo, CA

Project manager for the design and implementation of several key architectural elements of the \$5.2 million conversion of 2.5 miles of coastline into a nature area and park. Structures include a new maintenance building, public restrooms, picnic/shade shelters at Ryder Park, and a 105'-span bridge connecting pedestrians and light vehicles to newly restored wetland areas

4. Staff Qualifications and Experience

Ron Holthuysen, Artist & Fabricator, Scientific Art Studio

FIRM PROFILE

For over 40 years Scientific Art Studio has been a truly innovative design and fabrication studio. Their mission is to push the envelope of the best fabrication techniques to bring beauty and art to everything we do. The multi-talented team designs and builds engaging exhibits, immersive and inclusive playgrounds, artistic sculptures, and themed environments globally. They are committed to making environments and art objects that ignite the imaginations of generations to come. Work with designers, art directors and architects to create a wide range of Museum projects, Public Art, landscape and architectural projects and play/explore/learn environments for children. To all our projects, they bring skills and knowledge from a wide range of fields, such as taxidermy, wild life photography, film, design, history, paleontology, geology, sculpture, painting, engineering, inventing.

RON HOLTHUYSEN

Under the name of Scientific Art Studio Ron has been able to take on and, mostly to great satisfaction of my clients, finalize projects of a very wide variety. From Natural History exhibits to special effects for motion pictures and television, from Museum taxidermy to mechanical costumes for a Las Vegas show, from the restoration of artifacts to the design of rock show stages, and much more.

In the last 10 years Ron has been asked to consult on several Children Play environments. SAS has the luxury of separate areas for the delicate fabrication processes such as textile work, CNC routing, 3D printing, painting, and design work. However, the majority of their workshops and outdoor space is used flexibly for sculpting, metal work, casting, model-making, wood work, blacksmithing, and much more. Today one area may be a rock carving station and the next day become a water feature testing facility. SAS's studio is constantly morphing into the next work environment, adjusting to accommodate each new project.

"Our goal was to create a playground where children lose themselves in undirected play, where the time whizzes by and kids don't want to leave" RH

SELECT PROJECT EXPERIENCE

- Rotary PlayGarden, San Jose
- San Francisco Zoo & Gardens : Elinor Friend Playground, San Francisco
- Bay Area Discovery Museum : Lookout Cove, Sausalito
- Oakland Zoo : California Wilds! Playground, Oakland
- Presidio Middle School : Play Yard and Sculptures, San Francisco
- East Bay Regional Park District : Big Break Delta Giant Topo Map, Oakley
- Marine Mammal Center : Exhibits and Sculptures, Sausalito
- The Ducks Nest : Nature Playground, Berkeley
- Evergreen Lodge at Yosemite : Nature Play Experience, Groveland



5. Similar Projects

Rotary PlayGarden, San Jose Phases 1 & 2

FIRM'S ROLE

Lead Consultant Phase 1 & 2; Karen Krolewski, Principal & Lead Designer; Evan MacGregor, Designer, Phase 2

CLIENT

Rotary Club of San Jose & City of San Jose

PROJECT AREA

Phase 1: 5 acres, Phase 2: 2 acres

COMPLETION DATE

Phase 1: 2016, Phase 2: 2022

PGAdesign provided master planning, public outreach, construction documents, and construction administration for Phase 1. As prime, PGAdesign led a full team of sub-consultants, including a civil engineer, structural engineer, electrical engineer, artist/fabricator, and geotechnical engineer. The fully accessible PlayGarden provides multiple activities that accommodate inclusive play needs and surpass accessibility requirements. There are rotating, swinging, sliding, climbing, spinning, bouncing, kinetic elements, sand, tactile play, water play, and a wheelchair accessible carousel.

PGAdesign is currently bidding Phase 2 after providing master planning, community outreach and construction documents. This phase concentrates on nature and sensory play elements, with a large labyrinth of tall shrubs and native grasses that will form an endpoint for the Phase 1 area. A large, shaded space with artificial turf and log and boulder seats will provide respite, opportunities for educational gatherings, and loose-parts play.

The park's legacy includes hiring and training staff with special needs to help maintain the park. The Santa Clara County Office of Education and San Andreas Regional Center will also support programming at the facility for their clients. Over 500,000 visitors have visited the park since its opening. The project is also the inspiration for the grant assisting with the construction of Jollyman Inclusive Playground project.



5. Similar Projects

Clover Park, Dublin

FIRM'S ROLE

Landscape Architect & Prime for new community park in a master-planned development;

Karen Krolewski, Principal & Lead Designer;
and Evan MacGregor, Designer

CLIENT

City of Dublin & Lenar Development

PROJECT AREA

2 acres

COMPLETION DATE

2020

Clover Park is a new 2-acre neighborhood park located in the Dublin Iron Gate Community. It is part of the City of Dublin's Recreation Masterplan that called for 73 acres of new parks and recreation facilities within 290 acres of existing parkland. While it is a neighborhood park, Clover Park shares its northern border with open space, including a creek corridor and a Class I Bike Trail that also crosses the park from north to south.

PGAdesign provided a conceptual design for the park and held community meetings to build consensus and come up with a preferred concept that would incorporate the small neighborhood and also allow the park to continue serving as an important city of Dublin link between adjacent neighborhoods, parks, and recreational activities. The design focuses on providing inclusive play around a modern-themed circular design. There are landscaped enclosures that correspond to a variety of neighborhood needs, including areas for adult fitness equipment, child fitness and play, a dedicated play area for 2 to 5 year old children, an informal lawn, a multi-purpose field and picnic areas. Park elements also include shade structures and restroom facility. This project showcases PGAdesign's ability to create a clever design within budget and achieve community consensus.



5. Similar Projects

Charles Porter Recreation Center, Oakland

FIRM'S ROLE

Landscape Architect for renovation of community center and adjacent play and sports courts areas;

Karen Krolewski, Principal & Lead Designer

CLIENT

City of Oakland

PROJECT AREA

1.5 acres

COMPLETION DATE

2016

This park renovation project involved the reconstruction of an existing community center to include a new play area, entry plaza, and amphitheater, and the renovation of an existing basketball court. PGAdesign was sub-consultant to the architect.

The project, a Bay-Friendly Rated landscape and LEED Silver certified, focused on showcasing water conservation elements integrated into the park design. The play-area design follows a castle theme with play structures, dragon, and granite boulders that reinforce this notion. Stormwater is handled by adding a permeable concrete sub-base under the rubber surfacing and channeling the water through a series of vegetated stormwater-treatment areas that look like castle moats. Irrigation is water-conserving, using subsurface drip and tree bubblers.

The project showcases PGAdesign's ability to design within a small budget while producing a clever design solution. It also shows our ability to produce clear construction drawings and integrate sustainable practices into the design. PGAdesign provided schematic design, construction documents, and construction administration services.



6. References

RON CHUENG

Senior Landscape Architect, City of San Jose Public Works, City Facilities Architectural Services Division, tel 408.535.836, email Ron.Cheung@sanjoseca.gov

Project: **Rotary PlayGarden Phase 2** for the City of San Jose (2019-2022). As prime consultant PGAdesign developed the Phase 2 design of the inclusive Rotary PlayGarden focusing on natural play elements and creation of labyrinth planned for Phase 1. Work included community outreach and construction documents. Ron can also serve as Phase 1 reference for the park.

ROSEMARY ALEX

Parks and Facilities Development Coordinator, City of Dublin, tel 925.833.6646, email rosemary.alex@@dublin.ca.gov

Project: **Clover Park** for the City of Dublin (2018 to 2020). PGAdesign provided conceptual design with community review for a 2-acre neighborhood park completing full construction documents including restroom and bike trail as prime consultant.

LESLEE HAMILTON

Executive Director, Rotary Club of San Jose, tel 408.297.6101, email lesleeh@sjrotary.org

Project: **Rotary PlayGarden** for the City of San Jose (2012 to 2015). PGAdesign designed phases 1 and 2 for the all-inclusive playground and were prime consultant. Work included developing all-inclusive design concepts and donor opportunities to help fund the park.

7. Hourly Labor Rates - Fee Schedule

PGADESIGN		SANDIS		BSK ASSOCIATES	
Principal	\$250	Principal Engineer	\$305	Principal	\$248
Senior Landscape Architect	\$190	Senior Engineer	\$255	Senior Professional	\$221
Landscape Architect	\$160	Drafting Tech	\$55	Project Professional II	\$204
Senior Associate	\$160			Project Professional I	\$171
Associate	\$140 - \$150	CASCADIA CONSULTING		Staff Professional II	\$154
Landscape Designer	\$140 - \$150	Principal	\$255	Staff Professional I	\$138
Technician/CAD	\$120 - \$145	Director	\$235	Seismic GIS	\$193
Irrigation Designer	\$160	Senior Associate	\$225	Informational Specialist	\$154
Financial Manager	\$175	Associate	\$150	Informational Specialist I	\$138
Administration	\$90	Project Coordinator	\$100	CAD	\$100
ZEIGER ENGINEER		HORT SCIENCE/BARTLETT		Project Administrator	\$95
Principal	\$258	Managing Consultants	\$220	Field Supervisor	\$171
Senior Engineer	\$234	Consultants	\$180	Group 1-Special Inspector	\$149
Engineer	\$206	Arborist	\$150	Group 2-Special Inspector	\$142
Electrical Designer	\$177	CAD/GIS Specialist	\$150	Group 3-Engineering Tech	\$129
CAD Operator	\$149	Administrative Assistant	\$70	Group 4-Technician	\$112
Jr. CAD Operator	\$102	SCIENTIFIC ART STUDIO		Lab Technician	\$108
Administrative	\$136	Art Director	\$250	Administrative Assistant	\$86
WARE ASSOCIATES		Illustrator	\$200		
Ware	\$250	Lead Designer	\$180		
Troncoso-Ovalle	\$200	3D & CAD Designer	\$160		
Chongsuksantikul	\$135	Modelmaker	\$130		

8. Insurance Levels

PGAdesign's standard insurance levels conform to the City of Cupertino's requirements, and require no modifications.

9. Acknowledged Addenda

We acknowledge receipt of the following Addenda:

Addendum 1, QA for Jollyman Design Services, posted August 23, 2021



Karen Krolewski, Vice President