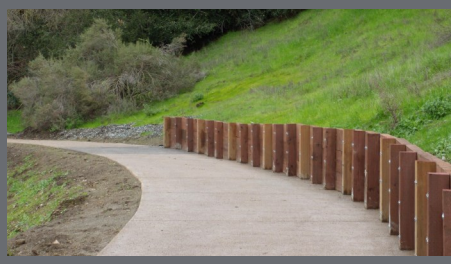
ROBERT A.
BOTHMAN CONSTRUCTION

SUSTAINABILITY PROFILE









6-2020

BOTHMAN.COM **Quality People. Quality Projects. ™**

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Robert A. Bothman Construction

We are a family owned, full-service Construction and General Engineering Company with 40+ years' experience based in the bay area. We are headquartered in Santa Clara, California, with satellite offices in Sacramento and Hawaii.

We offer a full complement of preconstruction and construction services for public, commercial, industrial, and privately owned projects. Our expertise covers a wide range of construction and general engineering specialties, including:

- Athletic & Recreational Construction
- Structural & Architectural Concrete
- Sustainable Development
- Storm-water Management
- Site Development & Heavy Engineering
- Landscape & Irrigation
- Solar Energy Construction
- Pervious Concrete

With our differentiating ability to self-perform the scopes listed above, we can offer Clients and Owners a turnkey solution to their civil projects. Our proven history of on-time delivery and superior quality of construction has allowed us to foster long-term relationships with over 75% of our clients being repeat customers.

Our precise scheduling and self-performing ability ensure proper handling of our resources and complete dedication to each project. With every facet of the Company coming together as one cohesive team, we have been able to complete thousands of successful projects, while never compromising our quality nor professionalism.

We support our staff and reward our field personnel for the pride they take in managing and constructing excellent projects in a safe working environment.

Together we are committed to building projects and making dreams a reality for our clients.

QUALITY PEOPLE. QUALITY PROJECTS™

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SUSTAINABILITY

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Pleasant Grove Solar Plant

Pleasant Grove, California

Owner: Van Dyke Rice Dryer, Inc.

Project Description: 448-kW Solar Photovoltaic system featuring state-of-the-art highly concentrated optics, high precision, low profile, dual axis solar tracking, intelligent power and control systems and on-board, real time, high resolution performance monitoring. The project is a great example of state of the art solar technology reaching the private sector. The project is one of the largest private dual axis concentrator projects in Northern California.

Fort Hunter Liggett 1 MW Solar Micro Grid

Jolon, California

Owner: USACE Dept. of the Army / Sacramento District

Project Description: Design/Build delivery for the 1 MW Solar Grid project which provides a large percentage of Fort Hunter Liggett's (FHL) current annual energy demand. FHL is one of the locations recently identified by the Army to be a pilot Net Zero Installation. As part of the Army's overall effort to conserve precious resources, net zero installations will produce as much energy or water as they consume and eliminate solid waste to landfills. The Solar Micro Grid project is the initial project to embark on the journey to the Net Zero Energy goal and to become a center of environmental and energy excellence. Robert A. Bothman has completed construction of Phase II including an additional 1 MW Solar Grid on the same site.

Fort Hunter Liggett 1 MW Solar Micro Grid

Jolon, California

Owner: USACE Dept. of the Army / Sacramento District

Project Description: Robert A. Bothman has recently completed construction for an additional 1 MW Solar Grid project which supplies a large percentage of Fort Hunter Liggett's (FHL) current annual energy demand. FHL is one of the locations recently identified by the Army to be a pilot Net Zero Installation. As part of the Army's overall effort to conserve precious resources, net zero installations will produce as much energy or water as they consume and eliminate solid waste to landfills. The Solar Micro Grid project is the 2nd project in the overall plan to embark on the journey to the Net Zero Energy goal and to become a center of environmental and energy excellence.

City of Madera's Wastewater Treatment Plant Solar Photovoltaic Generating System

Madera, California

Owner: City of Madera

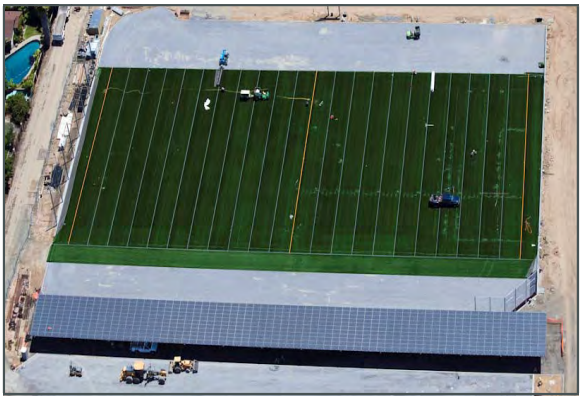
Project Description: 1.16 MW Solar Grid project for the City of Madera's Wastewater Treatment Facility. This system utilizes a dual axis tracking system to optimize power output. Robert A. Bothman, Inc. installed 100 dual solar tracker foundations and all related civil and infrastructure. Each array was aligned to meet stringent site specifications and true North orientation. Power was sold to the City under a 20-year power purchase agreement rate starting below the City's current cost of power.

Fremont High School Solar Installation

Sunnyvale, California

Owner: Fremont Union High School District

Project Description: Solar Photovoltaic System for Homestead High School in Cupertino, California. The system included covered parking stalls with roof-mounted solar panels, and an additional grid integrated within two new synthetic athletic fields. This system is part of a District wide 3.65 MW project.



Homestead High School Solar Installation

Cupertino, California

Owner: Fremont Union High School District

Project Description: Solar Photovoltaic System for Homestead High School in Cupertino, California. The system included covered parking stalls with roof-mounted solar panels, and an additional grid integrated within two new synthetic athletic fields. This system is part of a District wide 3.65 MW project.

Robert A. Bothman, Inc. Solar System

San Jose, California

Owner: Robert A. Bothman, Inc.

Project Description: 75 kW solar power plant installed on the roof of Robert A. Bothman's corporate headquarters, delivers approximately 75% of the buildings annual electric power. This system was installed in 2007 and was one of the largest roof top solar installations in San Jose. Robert A. Bothman recognizes the value of renewable energy and its benefits to the environment and operational costs.

San Joaquin National Cemetery Solar System

Santa Nella, California

Owner: United States Department of Veteran's Affairs

Project Description: New 136 kW Solar Photovoltaic System for the Department of Veteran's Affairs National Cemetery. Robert A. Bothman, Inc. coordinated and installed solar foundations and all related sitework and infrastructure. Each array was aligned to meet stringent site specifications and true North orientation. This system is part of a 7 MW, 6 site upgrade for the Department of Veteran's Affairs.

Kelso Road PG&E Solar Plant

Byron, California

Owner: Pacific Gas and Electric

Project Description: This 3.2 MW concentrating photovoltaic (CPV) utility scale project is being constructed for PG&E under a 20-year Power Purchase Agreement. This system utilizes a dual axis tracking system and CPV to optimize power out. This power plant takes advantage of the client's ability to produce utility scale power on a distribution grid and is being built in close proximity to PG&E's customer base near Tracy, California. This project is part of California's renewable portfolio goal of supplying 20% of it's customer needs with qualifying renewable energy.

Pervious Concrete

We created a solution that allows our groundwater tables to regenerate while also reducing the heat island effect in metropolitan areas.

As our neighborhoods expand and fill in with population, we face an ever-increasing need for water management and retention. To meet this demand, our engineers developed a permeable concrete solution. RABcrete™ Pervious Concrete is a specially formulated concrete aggregate that allows water to flow through it at a rate of 3 to 10 gallons per minute per square foot. Rather than collecting in a detention pond, excess rainwater can flow directly into the ground or into aquifers to be stored. This is especially beneficial in metropolitan areas where little raw land is exposed. Not only does the use of Pervious Concrete provide greater land utilization, it allows stormwater to be recycled and eliminates the hazardous conditions that standing water can create. Additionally, replacing asphalt with Pervious Concrete in metropolitan areas has been shown to reduce the "heat island" effect and minimize overall heat retention.

When Bothman's Sustainable Building Division was first created, our engineers began researching and testing aggregate mixtures to find a durable, maintainable pervious product that performed well yet remained affordable. RABcrete™ was released in 2009 and is recognized by the National Ready Mix Association (NRMCA) and LEED as a green construction technique. And while RABcrete™ outperforms any other mixture our team has ever tested, it is nearly the same price per square foot as regular concrete.




Contact our office today to learn more about RABcrete™, a first-of its kind green solution that brings conservation, affordability, convenience, and sustainability to our community.

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American Savings Bank — Pervious Concrete

Kapolei, Hawaii

Owner: American Savings Bank

Project Description: Form and pour pervious concrete parking lot and curbs.

General Contractor: Allied Building Systems

Ocean Honda Dealership

Soquel, California

Owner: Ocean Honda

Project Description: The 26,000 square foot RABCrete® pervious concrete installation was designed to function as a storm water detention system and allow all water from the building and traditionally paved areas to flow through the pervious concrete and into a below grade, engineered 4 foot deep retention basin and to then be discharged gradually into the groundwater system. This project was one of the first to utilize this type of system as this area is directly adjacent to and is a tributary to the Monterey Bay National Marine Sanctuary.

Stevens Creek Corridor Park

Cupertino, California

Owner: City of Cupertino, Blackberry Farm

Project Description: Installation of over 66,000 square feet of trademarked RABCrete® pervious concrete. This installation was a critical element to the project as it was adjacent to a USFWS registered Steelhead tributary. The RABCrete® product was utilized in lieu of asphalt and decomposed granite materials for protection of the riparian area. The project also included demolition, sitework, sanitary sewer system, fencing, landscape, site furnishings, and supporting maintenance building.

Client Testimonials

"After a thorough search and review process, the District selected Robert A. Bothman, Inc. to provide the preconstruction and construction services for the two stadium projects. Since Bothman joined our team, they have been true collaborators on the project. They have demonstrated the ability to consistently present design and cost options that are carefully thought through, often including innovative approaches and value-added elements, which have allowed our team to make informed decisions."

Brett A. Mitchell, Director of Facilities, Construction and Modernization
San Juan Unified School District

"I want to take a moment to thank you for the tremendous work you have done for the Mount Diablo Unified School District. Once again, it was clear to us that we had made the right choice in selecting the Bothman Team to be our contractor during the design and construction phases. By involving Bothman in the design and conducting constructability reviews early on, we were able to prevent common issues, increase quality, and avoid all of the delays and related issues. In the end, everyone involved was extremely satisfied by another great product."

Tim Cody, Director Measure C
Mt. Diablo Unified School District

"Our stadium at Antioch High School constructed by Bothman construction has been one of the best projects that has happened to Antioch Athletics in the last 20 years. I am excited for Hayward USD. As I know that the three stadiums will be outstanding."

Steve Sanchez, Athletic Director
Antioch High School

"Bothman was selected for their high-quality work under very tight time constraints and cost effective operations. The team on campus was professional, polite, and flexible enough to deal with some of the challenges that naturally occur during the summer months. They maintained a very clean site, worked within the constraints of the neighborhood and finished a major project within a mere 10 weeks.

Jorge Helmer, Chief Financial Officer
Archbishop Mitty High School

Client Testimonials

"They truly listen to the client's needs and adapt their resources to achieve the goal. They have completed every project on time and on budget. Bothman's on-site construction workers are extremely hard working and dedicated. They are not afraid to put in the extra time to do a first-class job."

Larry Harper, Founder
Good Tidings Foundation

"We are receiving a lot of praise from the community for the new fields. These Fields will continue to provide enjoyment for the San Francisco Families and children for years to come, and we'd like to thank you for your role in this contribution to the City. "

Susan Hirsch, Vice President
City Fields Foundation

"The field at Avaya Stadium is the crown jewel of our facility and we couldn't be more pleased with Bothman's work. During construction, we were most impressed with their subject matter expertise and accommodating staff. Their ability to evaluate and articulate the benefits of different project options- from material selections to scheduling impacts or adjustments- was critical in allowing us to make informed decisions."

Dave Kaval, President
San Jose Earthquakes

"The entire Gilbane team would like to recognize the work your team has done thus far on the MBR II project. Your field forces lead by Leo have done outstanding work pushing the schedule, while maintaining the upmost importance to safety. The Quality of work is outstanding, the IOR , Engineer and our QIC team are pleased with your quality of work; excavation, rebar and concrete placement and housekeeping have all been spot on . I personally cannot remember working with a more professional group of trades' men. Leo and the rebar Forman Simon take care of any concerns raised by the IOR, and always go out of their way to work with the other contractors on site. The response from your office staff has been equally professional. RFI and submittal were done very well. You are one of the few contractors who have handled Eadoc without any issues. Sven and Marc have made the meetings and actively worked with the Design team to find solutions to problems."

Kurtis Packer, Superintendent, Gilbane Building Company
Mission College Main Building Replacement Phase II

Client Testimonials

"On behalf of the West Valley Mission Community College District I want to express appreciation for your efforts. Your teamwork and careful planning have pushed this most import project for Mission College off to a great start! We are very pleased with the attention to the schedule, anticipating rain events and all of your actions to keep this project moving ahead of schedule."

Gaye Dabalos, Director, Facilities Construction
West Valley Mission Community College District

"Bothman has been successful in bidding several VTA design-bid-build contracts in recent years, ranging in value from $3,000,000 to over $22,000,000. The largest and most challenging of the Bothman contracts was the Light Rail Transit - Downtown Platforms Retrofit Project. The Downtown Platforms Retrofit Project called for raising existing station platforms in Downtown San Jose's Transit Mall while maintaining light rail service throughout construction. Bothman delivered a quality project and conducted construction activities in a professional manner. Light rail service was maintained during construction. Business disruptions were very minimal as Bothman accelerated schedule to minimize construction durations at the same time adhered to a set of work hours geared to avoid peak business hours. Bothman also assigned a dedicated Community Liaison Officer that ensured prompt and accurate communications and responsive action to issues raised. The finished product has met and exceeded expectations."

Mark S. Robinson, Chief Engineering and Construction Officer
Santa Clara Valley Transportation Authority

"Bothman's experience and expertise has been a tremendous asset to our projects. The projects we worked on together ranged between 5 million and 10 million dollars and each has been complex for different reasons. One example is the Helen Diller Civic Center Playgrounds project, a 10-million-dollar renovation in front of San Francisco City Hall over an existing parking structure from 1960. In addition to its high visibility and constant pedestrian traffic, the area is regularly booked for events. To add to the challenges of this project, the design included fully custom play structures that were manufactured and shipped from Germany. I strongly believe that Bothman is the only contractor we know with the skills to deliver this project successfully."

Alejandra Chiesa, Bay Area Program Director, The Trust for Public Land

Client Testimonials

"Children's Discovery Museum is very appreciative of the professionalism, creativity and problem solving, and timely production schedules that has led to a highly refined product and truely a crown jewel in the downtown San Jose landscape. Bothman's tremendous collaboration, leadership leadership and excellent project management is directly responsible for this successful outdoor environment project. "

Rich Turner, Director of Exhibits and Facilities
The Children's Discovery Museum of San Jose

"For the past two years, I worked closely with Robert A Bothman on San Francisco's Golden Gate Park, Beach Chalet Athletic Fields renovation project. Bothman was an outstanding partner on this project and I highly recommend them for their work, their integrity and commitment to the team. Their pre-planning was excellent, improving our project design and finding ways for us to save money. Their construction team was top-notch and never wavered from schedule. Issues were raised and addressed as a team. Concerns were taken seriously and managed immediately. Management too was top notch. From the occasional quiet check-in about progress to always being available for questions or guidance, their involvement and leadership were always evident and available. I strongly recommend Robert A Bothman for any public athletic facility renovation and would welcome the opportunity to work with them again."

Patrick Hannan
SF City Fields Foundation

"It was a pleasure and privilege to have had experience working together with RAB on the Kezar Stadium Renovation in San Francisco, CA. RAB exudes the highest level of quality and detail to aspects of construction. They have valuable skill sets in concrete construction, civil utility work, irrigation/ landscape and athletic facility construction. Their Field Superintendent and Project Management Team are second to none. The RAB Team was able to deliver us a product that we couldn't be prouder of, within the time frame and budget we expected for this momentous athletic field project. Kezar Stadium has historical significance for San Francisco and is important to the Recreation and Parks Dept. as well as to all members of the San Francisco Community.

Toks Ajike, Project Manager
San Francisco Recreation and Park Dept.

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