

TJC

and ASSOCIATES, Inc.

The TJCAA Quarterly

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TJCAA's Business Certifications

- Alameda County Small, Local Emerging Business
- City of Oakland Local Business Enterprise
- California DGS Micro Business (SB (micro))
- Port of Long Beach SBE
- San Diego County Water Authority SBE
- SoCal Network SBE
- CA PUC WBE
- City of Sacramento SBE

Message from the President
Gianna Zappettini
 TJC and Associates, Inc. (TJCAA) has offices in Sacramento and Oakland—inland and by the bay. Our two office locations, a tilt-up concrete structure in an industrial area and an historic 1914 landmark flatiron building downtown, are as diverse as our team members, and both are well equipped to provide excellent services in the disciplines of Structural, Electrical, Instrumentation and Controls engineering. Happy Holidays.

Industry News
ICC-ES
 Over the years, TJCAA has assisted many clients with guidance during ICC-ES Evaluation Report product review processes. ICC-ES recently welcomed TJCAA to its Partner Program, formalizing TJCAA's long-standing, productive relationship with the organization, which performs evaluations for code compliance. Our industry knowledge and our engineering and testing expertise give us the ability to guide our clients through an expedited product review process. <http://www.tjcaa.com/ICC-ES%20Expands%20Resources.pdf>



Featured Project - Pacheco Pumping Plant ASD Replacement (revisited)

Working in tightly coordinated design effort with LEE & RO, Inc., TJCAA provided instrumentation, controls, electrical, and structural engineering design services for the adjustable speed drive replacement project for Santa Clara Valley Water District's Pacheco Pumping Plant. The District is installing modern drive technology on the facility's 12, 2,000 hp raw water pumps to enhance the reliability of this critical pumping plant that is a primary source of raw water for the District's treatment facilities. This project was a great example of one of our many, highly successful teaming efforts. For the Pacheco project, TJCAA collaborated closely as the lead small business subconsultant with LEE & RO, a water, wastewater, public works, and environmental infrastructure engineering firm, and the prime firm for this project. Our I&C, electrical, and structural engineers augmented and complemented the electrical and mechanical engineering and

project management staff of LEE & RO's Walnut Creek office. The cooperative effort with LEE & RO was particularly effective in leveraging our two firm's respective technical strengths to deliver a successful project to the District. LEE & RO also has offices in Sacramento, Los Angeles, and San Diego.

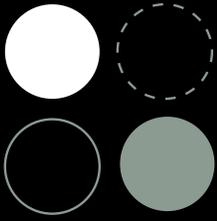
While TJCAA often provides services directly, our ability to perform seamlessly within a larger design team allows more clients to benefit from our expertise. Teaming enhances the flexibility of our prime contractors for delivering multi-discipline solutions, and provides rewarding experiences for our engineers as we address project challenges together with our teammates.

Spotlight on Coach Thow

Many of our clients have had the pleasure of working with Richard Thow, S.E., who was TJCAA's first employee and has been with our company more than a dozen years. Some may not know that he has an even longer, simultaneous career to celebrate: he recently retired after coaching soccer at Northgate high school for 20 years. "Twenty-three seasons," notes Richard, "if we count the early days, when doubled-up, coaching the boys in the fall followed by the girls in the winter."

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TJC

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Did You
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Remembered by his players as a tough and effective coach and regarded by the community as a smart and thoughtful leader, he racked up more than 150 victories. Richard says that he has many great memories from his 20 years, and shared some favorites.

In 1992, his Northgate Broncos had a 16 game winning streak working, and the team was up against De LaSalle, which brought a 29 game winning streak to the field that night. With fans five deep around the entire field, Thow coached the Broncos to a 1-0 win.

The 2002 North Coast Section Championship season is another favorite memory, Richard says, adding that it was only one of 13 NCS championships for Northgate, and the school's only one in soccer, boys or girls. With Coach Thow at the helm, Northgate also sailed to an undefeated FAL championship and a DFAL championship.

Richard notes that it was a pleasure "having coached some 108 Northgate Students over my twenty years, many of whom still return the last Saturday of each year to participate in the alumni game."

Another memorable coaching experience, and a "little known fact" according to Richard, is that he can also include "Olympian" on his coaching resume. He was a member of the coaching staff for Team USA, winning a Silver Medal at the 2002 Olympiade del Tricolore and returning four years later, in 2006, for the Gold Medal.

Entertainment News

Seven-year-old aspiring engineer Eli Cavanagh offers the following review of Cars 2: "It has many of the cool characters from the first Cars, and there's lots of racing. A bunch of things are really funny." He cautions, "There's lots of action, and it could be too much for younger children." A quote of note is Uncle Topolino advising, "A wise car hears one word and understands two." (G, 106 min.)

The movie Twilight Saga: Breaking Dawn Part 1 is the fourth movie in the Twilight saga. The word from our TJCAA's Twilight devotees is that this movie did not disappoint. They report that the film answers questions such as "Does Team Edward prevail?" and "Does Edward and Bella's love story come full circle?" An unexpected turn of events, however, does threaten Bella's future. The movie was romantic, thrilling and easy to follow, according to our local fans, who say, "We can't wait to see how the series ends in Part 2!" If you are a Twilight fan, this movie is a must see! (PG-13, 117 min.)

Dates to Note

December 22 - The December solstice; see www.almanac.com/content/first-day-winter-winter-solstice

February - SOL, Latin Rock band demo CD release scheduled for February. Let Paul know if you have any interest, as free recordings will be happily distributed.

March 30 - Junius Courtney Big Band at Berkeley's Freight and Salvage. Paul Giorsetto will be in the Lead Trumpet chair for the gig.

Did you know?

One of TJCAA's sister companies, Terrapin Testing, is a structural testing laboratory. Terrapin Testing is accredited with the International Accreditation Service, Inc. (IAS TL-159), and performs testing on the following materials:

- Structural insulated panels (sandwich panels) for roofs, floors, and walls
- Exterior windows, curtain walls, doors and skylights
- Structural adhesives
- Sloped glass glazing
- Metallic materials (Tension testing)
- Foam plastic insulation
- Wood plastic composites and plastic lumber
- Concrete
- Fasteners
- Plastics
- Photovoltaic roof panels

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