ianeal For You 7625 Dean Martin Drive, Suite #100 Las Vegas, Nevada 89139 office 702.876.0668 fax 702.876.3493 May 2008

architecture/engineering/site GARY GUY WILSON

planning/interiors STUDIOS...

The Green Scene

Ask The Architect

At the 75th Annual U.S. Conference of Mayors (USCM) in Los Angeles in June, 2007, over 1,100 attending mayors declared that every U.S. school should be environmentally sustainable within a generation. They passed a resolution, demanding that all new school construction and renovation projects follow green design and building practices.

Implementing green design practices in all new school construction and renovation projects today would generate \$20 billion in energy savings during the next 10 years. One of the largest sectors in the construction industry (\$80 billion since 2006), green school construction strongly impacts human and economic health, according to the resolution. Saving 35% energy and producing 35% fewer greenhouse gas emissions, green schools will significantly contribute to solutions for global climate change.

The resolution urges Congress to authorize federal funding of green K-12 school pilot projects throughout the United States to demonstrate the advantages of green school design.

The mayors also called for Congress to "commit additional funding toward research to evaluate, understand and enhance the environmental, economic and health benefits of green schools."

By emphasizing air quality, natural light, thermal comfort and classroom design, green schools provide healthier, more productive environments more conducive to learning and for student, faculty, and other staff well-being. Enhanced indoor air quality has been linked to lower asthma rates, fewer allergies, reduced absenteeism and increased staff retention. Green building practices also eliminate exposure to hazardous chemicals by using nontoxic, low-VOC materials.

Green schools provide children with first-hand learning experiences, maximizing opportunities for education on issues of environmental sustainability and acting as a catalyst for generational change in attitudes and behavior, according to the USMC resolution.

A green school saves approximately \$100,000 per year, which translates to two additional teachers, 500 new computers or 5,000 new textbooks. For our Clark County School District, every bit of extra revenue helps! Also providing our students with a better environment for learning and their health is reason enough to make our schools "green"!

Southwest Gas Operations Centers SPOTLIGHT

SH Nevada is providing the engineering for both Southwest Gas Operations Centers in an "expedited and professional manner," per Architect Wilson. "Each will have an innovative heating and cooling method, consisting of an AISIN modular system, which allows increased flexibility in controlling the interior environment and increases energy efficiency."













Look who's had a hand in a variety of projects for GGW Architects-Alex Jankovic of SH Nevada as MEP Consultant.

Alex Jankovic, P.E., C.E.M.

SPOTLIGHT

Choosing an engineering career, Alex completed his studies at the University of the South Bank (Faculty for Environmental Science and Technology) in London, England - UK. Alex proceeded to Southern Africa, in 1983, where for 10 years, he gained valuable experience on the Sheraton Hotel & Conference Center project and Hyatt Regency project as Senior Mechanical Engineer. It was this affiliation with the hotel industry that brought him to Las Vegas in 1994 for a new, exciting area to explore. Alex joined Syska Hennessy in the early 2000's before SH Nevada was formed in 2004.

SH Nevada's affiliation with Syska Hennessy continues today, allowing clients access and support to a diverse team of professionals throughout the United States. Clients experience personalized attention with qualified local professionals who understand their needs, providing the highest levels of engineering service. As a multi-disciplined firm performing mechanical, plumbing and electrical consulting engineering services for various building types including hotel and casino resorts, mixed use facilities, office buildings, healthcare facilities, university campuses and high-rise condominiums; it provides readily support sustainable building designs with LEED[™] features. SH Nevada's design philosophy utilizes science, technology and best engineering practices to produce energy efficient sustainable buildings, to reach farther and surpass the client's expectations.

As a Principal, Alex directly oversees the Mechanical Engineering Department and coordinates work with the Electrical Engineering Department. He regularly communicates with clients, attends meetings, and coordinates design and MEP requirements with architects and other trades in order to make a successful design. This husband and father of 2 grown children states, "I've always been in construction on the design side," throughout his 32-year career.

Alex has "witnessed ups and downs in the construction market" in Las Vegas. Right now, "generally speaking, there is no real hole in construction." He believes growth will remain strong, "but up in the air." Las Vegas is "growing into a modern high-rise building city, like many on the East Coast." This means "we must change our habits and utilize space and locations as efficiently as possible. We'll also need to rely more on public transportation."

The growth has also affected how the consulting business operates, especially in casino projects. "There is a huge and fast turnaround of projects. We have to follow every possible schedule, making adjustments to complete jobs on time for clients and owners.

Alex has enjoyed working with Architect Wilson and his team, Mark, Jason, Eunice, Kristine, and Les. He's "happy to be of any help and service."

Alex is a registered Mechanical Engineer in Nevada, Arizona, California, and a Certified Energy Manager (CEM). He is also a LEED Accredited Professional.

GGWArchitects²