

HIGH TECH HIGH Chula Vista, California



Client Project

High Tech High is a state licensed charter school development organization that creates customized project specific learning environments for K-12 students throughout California. The organization wanted to develop a sustainable learning campus for students, staff and community in Chula Vista, California.

Client Need

High Tech High contracted BYCOR, a San Diego based general contractor, to deliver the new facility. The design and construction of the charter school had to address a variety of LEED®, CHPS (“Collaborative For High Performance Schools”), and ENERGY STAR requirements including site design, indoor environmental quality, energy efficiencies, and renewable building materials. Both onsite and offsite construction was limited to certain areas to minimize air and noise pollution and destruction of habitat. The project also had a strict budget and completion schedule. Conventional building construction alone could not complete this project on-time and within budget. BYCOR and High Tech High needed a reliable, experienced modular building supplier to carefully coordinate the integration of modular building construction with conventional methods as well as accommodate the sustainability requirements of the project. Due to their knowledge in modular building techniques and overall understanding of the project needs, Williams Scotsman was hired to implement a modular sustainable campus solution.



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The Williams Scotsman Solution

Williams Scotsman was subcontracted to provide 59 modules totaling 32,807 square feet. In order to comply with the LEED design requirements, Williams Scotsman coordinated with their local manufacturer and the project team to ensure the modular units incorporated a variety of unique materials which enhanced classroom acoustics, day-lighting, energy and environmental efficiencies. All of these enhancements aided in reducing life cycle costs. To minimize pollution and land affected by construction, Williams Scotsman worked closely with the building and fire officials on permitted delivery times for modular units and site construction areas. Also, Williams Scotsman and the project team utilized a sequential crane set-up process that enabled them to install variable sized modules, minimize the impact to the ongoing tasks of the general contractor and complete the project in a timely fashion.

The Result

The High Tech High Chula Vista school facility was completed in only five months.

"The Williams Scotsman team made me feel as if our project was a priority, and exceeded the project's stated goals," said Christopher Gerber, Director of Facilities. "The project not only opened on time, and on budget, but has set a new standard as a sustainably-designed learning environment with an incredibly small energy footprint. The team was excellent at seeking an understanding of our needs, and implementing solutions which kept the project moving in the right direction."

WILLIAMS SCOTSMAN

DATE DELIVERY BEGAN

9/2008

DATE OF INSTALLATION

10/2008

COMPLETION

1/2009

SPACE BY

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SCOTSMAN

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