

Las Vegas Academy High School Clark County School District

Owner: Clark County School District · **Contractor:** A & B Environmental

Distributor: Aramsco

Fiberlock Products Used: L-B-C® Lead Barrier Compound

Focus Issues: The historical Las Vegas Academy High School needed repainting, but was found to contain asbestos and lead based paint. The architectural detail of the building, what has become known as the band or the “golden border” around the entire building, particularly the front door entrance, was covered up from many years of painting. After over 70 years of exterior paint jobs, the entire band had been covered up to the extent that you couldn’t see any of the original architectural detail that was significant to the building. There were several people involved from National as well as Nevada State Historical Society that governed and monitored all processes and specified the original color and scope of work on this project.

Challenges: One of the greatest challenges was the failing exterior paint that was peeling due to the extreme element conditions that exist in the southern Nevada summer. It was also discovered that all of the putty used to glaze the original window panes contained ACM (Asbestos Containing Material) which needed to be abated. In addition, since this historical building was built in 1930, it was apparent that it also contained years of lead based paint on all surfaces that would also need to be abated. Another large challenge was the weather – the project was taking place during the hot summer month of August and had to be completed in less than 21 days and within budget. The project also required a safe work place environment for all working staff of A & B Environmental.

Solutions: An exterior fence was placed around the entire building to enclose the scaffolding and an eight mil plastic fire retardant wrap was applied to prevent any hazardous materials from being released into the air. The building was also under negative air pressure for the entire duration of the project. Organizations such as the city of Las Vegas, Clark County officials, State of Nevada Historical officials and OSHA were all monitoring this project throughout its entirety. All ACM in the putty of the exterior windows was disposed of properly. There was additional scope of work to the project where the bottom row of all the windows around the entire building were removed. Security bars were placed on the first story windows as a security measure since this historical building is located in a very urban downtown area of Las Vegas.

Time & Cost Savings: The entire project took 19 days to complete, which was two days earlier than quoted, and, as a result, did not disrupt the local community or upcoming school year. A & B Environmental was able to stay within the budgeted labor and material costs, overall using 160 five gallon pails of L-B-C.

Results: Clark County School District was completely satisfied with the end results. “The job looks spectacular,” said John Regan, a Clark County official. The extensive monitoring by all government, city, and state officials, as well as steps that were taken by A & B Environmental, all made the project run as smooth as possible. One of the steps that A & B Environmental offered and incorporated in their bid was tinting all three coats of LBC that were applied with the exception of the architectural band. Tinting per coat with slightly different amounts of darker colors allowed them to achieve the original color of the building.