



Shell House Demo

CAL POLY Construction Management

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The Shell House demo was recommended by the Associate Dean of CAED as a potential senior project for students. Built decades ago it had deteriorated over time. The purpose of this project was to clean up Poly Canyon Architecture Graveyard, making it a nice, safe place to visit. This project interested the author because it was something different and was geared more towards heavy civil.

To get started, a permit had to be submitted to the CAL POLY building department. This process took longer than expected. The permit wasn't released until an environmental impact test was conducted, resulting in asbestos being detected in the floor next to the structure. When the permit was approved, there were certain stipulations that needed to be followed. The student was told that he couldn't work on the structure until steps were taken to cover and protect the surrounding floor containing asbestos. Another requirement was a definitive confirmation that the center column being removed from inside the structure, wasn't structurally load bearing. This was a major concern of the author, since he couldn't locate any blueprints or documents on the structure. Nobody could confirm the structure's load bearing status, which was a stipulation of the permit. Eventually, the student made the decision not to continue with the demo project for safety reasons.

However, he still planned out how the project should be completed and recommended the demolition of the entire structure as the best alternative.

Keywords: Demo, Poly canyon, Structure, Shell House, Plans

COST Difference:
Center Column Demo vs. Whole Structure Demo
\$1500 \$7200

Center Structure connected/
Load Bearing?

