



## Structural Engineering Project



### RUSH STREET Commercial Project



#### PROJECT DESCRIPTION:

- ◆ The project involved the conversion of a 75 year old sign/welding shop into a high end restaurant. Our scope of work included performance of site investigation survey to determine the existing building's structural elements, performance of a seismic structural analysis of the 75 year old un-reinforced masonry structure and design of retrofits to bring the structure into compliance with the strict provisions of the California Building Code and LA City Building Code requirements.
- ◆ The structural design was difficult because the project budget was very limited and due to the change of occupancy the entire structure had to be retrofitted to meet the currently adopted code.
- ◆ In addition to the change of occupancy, a new mezzanine was added. This project is located in the highest seismic design category in the United States. No record documents of this structure were available so the site investigation was critical to the overall structural analysis.



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