



Structural Engineering Project



OAKRIDGE COUNTRY CLUB **Commercial Project**



PROJECT DESCRIPTION:

- ◆ The Oakridge project is located in Farmington Utah which is in a high wind zone (120 psf) area, high seismic area (IBC Seismic Design Category D) and in an area of high liquefaction. This presented several challenges that our structural group had to overcome.
- ◆ The size of the lowest level and location of columns required the structural department to come up with several innovative and safe alternatives to using an expensive deep pier foundation solution.
- ◆ This project consisted of structurally integrating almost all the common types of construction media, concrete, timber, and steel, into one structure. Part of this integration was to make the structure functional as well as architecturally resonant.



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