

STACK Infrastructure - Data Center - San Jose, CA

Stack infrastructure is a leading data center company with large scale data halls in six different strategic locations. Built to provide services to big companies that fuel the Bay Area economy, Stack is located in heart of Silicon Valley.

The project consists of building a new structure to increase the capacity by 300% while staying green and sustainable, and upgrading the existing building to be in compliance with the latest energy consumption trends.

My role started as working on the planning package, and to work with the client on gathering the information on the new building. I interviewed the client and some of the end users to find their needs and to help the design team with an optimum design solution.

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HGA was awarded this project in late 2018. This project was a collaboration between HGA San Jose and DC office. San Jose office was mostly in charge of the architectural design, and DC office was mostly in charge of MEP coordination and exterior design.

My role started with the planning package, but later it included helping the design team with arriving at the best solution for the data hall design.

The client wanted to meet LEED energy goals and had a huge emphasis on energy efficiency. They also wanted to explore the modular and pre-fabrication options as well. Our team collaborated to provide a design with energy efficiency in mind. I along with a team of 3 worked on building the 3D model and explored different options, ran different calculations to arrive at the best option.



