



Construction

- Unique Canopy Roof
- Structural steel
- Challenging Project
- 1,000,000 SF

Sustainability

- Photovoltaic Solar Roof
- Living Building
- LEED Platinum

Case Study: Google's Unique Canopy Styled Construction

In today's rapidly changing world, builders are pushing to implement more sustainable practices and incorporate innovative techniques to integrate green practices into their structures. One of the latest examples of this push towards sustainability is seen in Google's new headquarters, Charleston East located in Mountain View, California. Combining their widely known mission to provide a positive work environment for their employees with their passion to be more environmentally friendly, Google has set out to create a Living Building with LEED Platinum certification. In order to accomplish this Google has collaborated with Bjarke Ingels Group, Heatherwick Studio, and Hathaway Dinwiddie. The data for this report was gathered through semi-structured personal interviews with project members and the research of various primary and secondary sources. Despite the challenges of constructing the unique canopy styled structure, this building will promote community and sustainability while providing a healthy and productive workspace for Google employees.

Key Words: Google, Roof Design, Solar, Sustainability, Productivity

Mountain View, CA



Productivity

- Healthy workspace
- Natural Lighting

Community

- Retail/Restaurant Space
- Job creation