



LANEY COLLEGE PASSIVE HOUSE - Student Built

Ribbon Cutting

453 Ashton Ave

Oakland, CA

Wednesday May 25th, 2016

Noon-2pm



The Community:

- The City of Oakland provided the property
- Laney College Carpentry Department taught and supervised the students
- Passive House California designed and was the primary consultant
- Berkeley Contractor Christopher Polk managed the construction
- Oakland Rotary Development, LLC. administered the project and managed the construction funds

The Laney College Carpentry Department, the Rotary Club of Oakland, the City of Oakland and Passive House California, have partnered to provide hands-on opportunities for Laney Carpentry students by building or substantially renovating a home from foundation to finish. This project is particularly unique because it incorporates sustainable concepts and Passive House Standards to provide the ultimate in comfort and indoor air quality.

WHAT IS PASSIVE HOUSE?

It is a rigorous, voluntary standard for energy efficiency in a building, drastically reducing its ecological footprint. It results in ultra low energy buildings that use just 10% of a comparable home's energy output. Airtightness, Insulation, Energy Usage and Heat Recovery Ventilation must meet performance standards based on the square footage of the home. Popular in Europe where there are over 40,000, here there are just 20 or so currently certified in the USA.