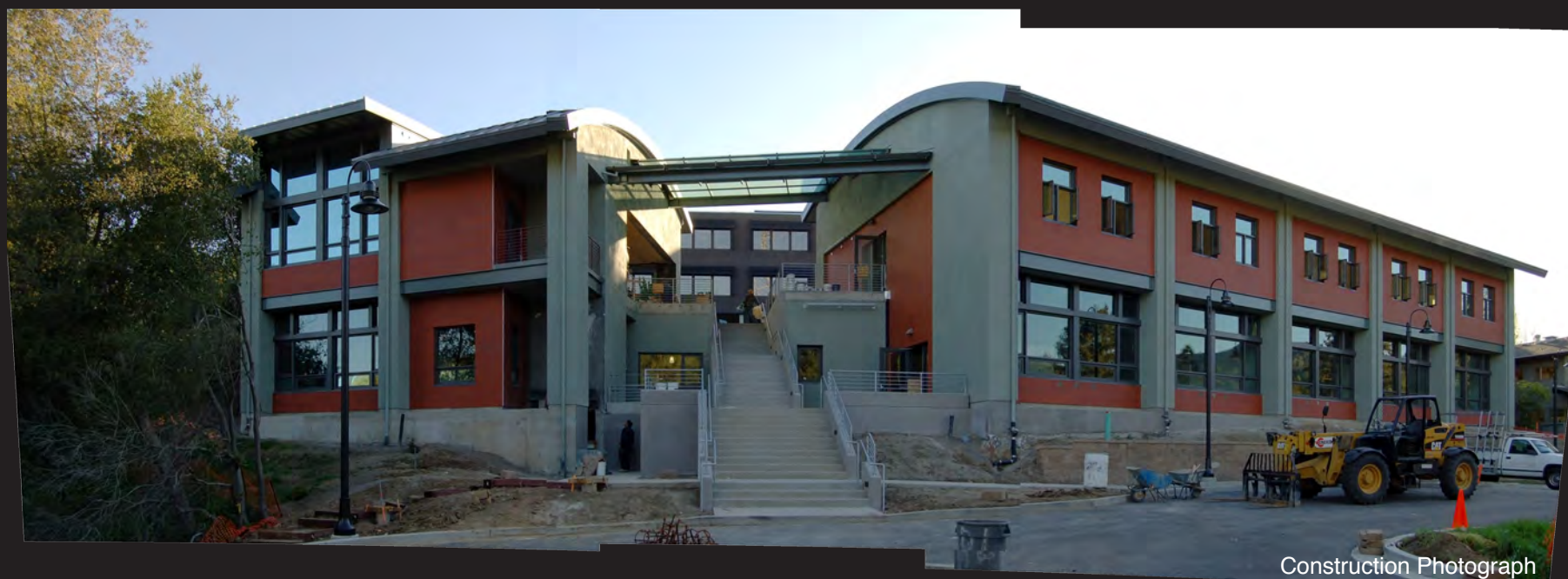


THE BUILDING OPERATES IN TWO MODES - NATURAL VENTILATION AND FORCED AIR. WHEN IN NATURAL VENTILATION MODE, INDICATOR LIGHTS ADVISE OCCUPANTS TO OPEN WINDOWS WHILE CLERESTORY WINDOWS AUTOMATICALLY OPEN.

OTHER FEATURES INCLUDE: **1.** HIGH PERFORMANCE BUILDING ENVELOPE INCLUDES: REFLECTIVE LOW EMISSIVITY ROOF AND WINDOWS; **2.** OPERABLE WINDOWS ALL LOCATIONS; **3.** OCCUPANT CONTROLLED CEILING FANS PROVIDE 4 DEGREES OF COOLING; **4.** OPERABLE INTERIOR WINDOWS AND LOCAL THERMOSTATS; **5.** AUTOMATICALLY OPERATED CLERESTORY WINDOWS; **6.** OPERABLE SKYLIGHTS; **7.** NATURAL VENTILATION STACK BEYOND; **8.** EVAPORATIVE COOLING AND FORCED AIR HEAT SERVES BOTH FLOORS; **9.** COMPREHENSIVE HORIZONTAL AND VERTICAL SHADING DEVICES MINIMIZE SOLAR GAIN, MAXIMIZE EXTERIOR VIEWS AND IMPROVE DAYLIGHT QUALITY BY REFLECTING INDIRECT LIGHT



Construction Photograph



Construction Photograph

ORINDA CITY HALL - ORINDA, CA

SIEGEL & STRAIN Architects



The estimated energy performance for this design meets US EPA criteria. The building will be eligible for ENERGY STAR after maintaining superior performance for one year.

- Energy Use Intensity (EUI) = 82.2 kBtu/sf/yr
- Percent CO2 reduction = 50%
- ENERGY STAR design rating = 94

Savings Statistics (compared to an average building EPA rating of 50)

- Energy savings = 1,228,927 kBtu
- CO2 savings = 141,200 lbs CO2

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