Metal Roof Brite Copper
Color Reflectivity .42

Tyvek Roof Wrap

2x6 Stud Wall Framing with R-19 Batt Insulation

Tyvek Building Wrap

Heavy Timber Trellis to Provide Shading

Low “E” coated glazing energy star compliant window system

Project Data
Energy Use Intensity: 87.9 kBTU/sf/yr
Percent CO₂ Reduction: 49%
Energy Star Design Rating: 94
Energy Savings: 1,003,739 kBTU
CO₂ Savings: 209,500 lbs CO₂
Multi-Story Multi-Tenant Office Space
11,000 sq. ft.

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.