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Sustainable architecture recognizes
the site

the climate and

the sun as

integral design components and evolves creative solutions that balance
form

function and

materials

in a way that inspires, comforts, rejuvenates and uplifts you.

With an intuitive appreciation of design and a deep respect for the
relationship between a building and it's inhabitants, Bay Area architect
<name> creates spaces that transcend the beauty of natural materials and
connect the person with the space. Evolved architecture... >

sus·tain·able adj

of, relating to, or being a method of harvesting or using a resource

so that the resource is not depleted or permanently damaged

~ *Miriam-Webster*

Designing your space – be it a new home, addition, remodel, commercial renovation or office or studio space – is

A journey between you and the function your space must provide...

A journey between you and the materials you want to be surrounded by...

A journey with you and your architect - discovering, evolving and creating the environment that will join function and form, *without compromising your values.*

Choosing sustainable architecture and building “green” means you recognize blending the site, the structure, the materials and your goals to create an inspired solution can not only satisfy utility but also provide you a healthier environment while minimizing the resources used and limiting the environmental impact.

Strength From Simplicity

Sustainable architecture designs the structure with consideration to the local climate and utilizes passive solar heating, natural ventilation and lighting to minimize your energy dependence.

Sustainable architecture works with the site, the materials and environmental factors rather than in defiance of them.

In the United States, buildings account for:

39% of total energy use

12% of the total water consumption

68% of total electricity consumption

38% of the carbon dioxide emissions

~ *Environmental Protection Agency*

Passive Solar sustainable design techniques engage south-facing windows to capture the heat from the sun, and a thermal mass to store and slowly release the heat. This allows you to maintain more comfortable temperatures while cutting your heating and cooling costs by as much as 50% or more (U.S. Department of Energy).

Daylighting takes advantage of the sun’s rays and brings in natural lighting throughout the day. Sustainable design techniques strategically position windows to allow ample lighting without overheating, and create interior design features to diffuse the light throughout the room. Daylighting can reduce lighting costs by 40 to 60% (U.S. Department of Energy).

Building Green

The well insulated buildings of today are not as “leaky” as they used to be. Toxic out-gassing from many of the synthetic materials used in today’s

construction are trapped within buildings much longer than just a couple of decades ago. Many of these toxic gases - such as formaldehyde and nitrous oxide - are known carcinogens or toxic pollutants. Green products can not only create a healthier indoor environment, but may also have recycled content, thus reducing waste and environmental pollution.

When you choose to build green, you choose from a wide array of materials that are non-toxic or low-VOC (Volatile Organic Compounds), resource efficient, recycled, re-purposed, long life cycle or have rapidly renewable content.

Some green options available today are:

- Flooring: natural linoleum, bamboo, cork, concrete, recycled tires
- Counters: recycled content tile, concrete, recycled glass, lava
- Walls: clay plaster, hydraulic lime plaster, low/no VOC paint
- Building: SIP (Structural Insulated Panels), straw bale, rammed earth, fiber-cement siding
- Systems: solar photovoltaic power, solar hot water, radiant floor heating

The Cost of Building Green

Building green was once a collision of utopian ideals with cost responsive functionality and artistic design. In fact, building green a few decades ago was in most cases, more expensive and more design constrained.

Technology and creative innovation have brought a huge array of products to the market as well as reduced the costs of other products. Products like recycled glass used in counter tops and custom stained and formed concrete floors and counters expand your design options as compared to competing conventional materials.

Some green products do require a higher upfront cost but result in lifetime savings.

The cost of photovoltaic solar power has dropped from over \$80 per watt of capacity in 1975 to under \$6 per watt today. The monthly electricity cost savings generated by a solar power system can exceed the monthly payment on a home equity line used to finance it. Typical life of a photovoltaic solar power system is 25-30 years. A solar hot water system – with a life span of 20-25 years - can reduce water heating costs by 50 to 80%.

Are You Looking For A Bay Area Architect?

- ⇒ If both form and function are important to you...
- ⇒ If you want your goals and values reflected in your space...
- ⇒ If being within budget and on time matter to you...
- ⇒ If you're interested in exploring sustainable design and green materials...
- ⇒ If you want to work **with** an architect you can trust rather than just hire one and hope...

Call <Name> Architecture and Sustainability
<phone>

Bay Area Architect and Sustainable Practitioner <name>

"My formal training began at UC Berkeley where I graduated from the architectural program with an emphasis on energy analysis. But my fascination with the relationship of people and structures began long before that during my childhood".

<Company Name> Architecture and Sustainability provides full architectural services for residential and commercial projects including new construction, remodels and additions. We offer design, design development, construction documents and construction administrative services. We collaborate with structural engineers, mechanical engineers, renewable energy consultants, lighting designers and other professionals as needed.

As a certified [LEED AP](#), we also offer LEED services to assess the potential for LEED rating starting early in the project and tracking the progress throughout the project. We can provide expertise on credit interpretations, information on the latest development and coordination of the documentation process.

Education and Licenses

- [LEED AP](#) (Leadership in Energy and Environmental Design Accredited Professional) – 2002
- [Licensed Architect, State of California #C26564](#) – 1996
- BA Architecture, magna cum laude, [University of California, Berkeley](#) – 1992

Professional Affiliations

- [AIA American Institute of Architects](#), #30169264
- [Green Resource Center](#), Berkeley, Board of Directors, 2004-present
- [US Green Building Council](#) Northern California Chapter, Steering Committee and Research Committee
- [Urban Ecology](#), Oakland CA, non-profit, Board of Directors, past President, Chair of Community Design Committee, Committee member, 1993-present

Public Speaking and Publications

- [Green Home Guide](#), Technical Advisory Committee
- [Size Matters: Reducing the Environmental Impacts of Larger Homes](#), San Mateo County RecycleWorks and Hidden Villa, September 10, 2004
- [Your Call](#), KALW 91.7 FM, September 14, 2004

Designing Your Building With You

Architecture is an expressive art. We speak of form and function. When you look at structures built before indoor plumbing, electricity and heating, form was secondary to function. And when you look at many of the

modern structures and materials today, function is clearly secondary to form.

Technology enables change at a rapid pace. But the more we alienate function from form, the more disconnected and disengaged we become from our space.

I've designed residential and commercial projects during my 13 years as a Bay Area architect, including single family homes, residential remodels and additions, community centers, office and studio space, and commercial renovations.

When I begin a project, I first look at what that structure means to you and how the structure must perform for you.

In the early stages, few people know exactly what they want. So I spend a great deal of time asking probing questions and observing clues that lead to an understanding of the clients needs and values.

While not always a straight forward process, neither is it painful. It's a collaborative process of discovery. A journey with client and architect that enables you to gain clarity and focus. And to more clearly understand your core goals and values which leads you to better long term choices and solutions.

Rather than begin a relationship with a particular design dogma, I begin with the desire to understand your needs and values. Through a practical and creative approach, I transform your ideas into a structure which manifests your vision, values and goals.

Because few of us have unlimited budgets, I advocate consulting with contractors early in the design development, as they can offer beneficial ideas and a measure of cost control. Keeping the project within budget and on time is a high priority.

I've worked with a wide range of materials and products including straw bale construction, structural insulated panels (SIP), combined solar hot water heating and radiant floor heating, photovoltaic systems, low-flow fixtures and waterless urinals, recycled content materials, low-emitting finish materials, and many other green materials and systems. And of course I've also work with conventional materials.

Very simply, I look for the most cost effective options for you to consider.

Call <Name> Architecture and Sustainability
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