

Energy Conservation Strategies: Leading By Example!!!



www.StructureHome.com

(818) 598-1330 ext 150

Company Objectives

■ Structure Home

- Building a Sustainable Business
 - Long-term Legacy Plan
 - Plan Implementation
- Building a Sustainable Product
 - Be a Part of the Rehabilitation of the Urban Core
 - Build/Ensure High Performance and Durable Homes
 - Promote Energy Efficiency
 - Enhance Indoor Air Quality
 - Ensure Design Appeal
- Building Relationships For Life



VISION House Los Angeles



VISION House Objectives

- Demonstrate Sustainable Practices
 - Optimize Home Performance, Durability, Energy Efficiency, Water Conservation, Indoor Air Quality
 - Use Sustainable Products and Services
 - Reduce, Reuse, Recycle
 - Surpass CalGreen Code and Energy Star
 - Achieve Net Zero Performance
- Sharing, Learning, Educating through
 - Events
 - Workshops
 - Seminars

VISION House Features

The Whole House as a System

- Hydronic Radiant Heat Throughout the Home
- High Efficiency Condensing Equipment
- Solar Thermal/Tankless Water Heating
- Photovoltaic (PV) Systems Integrated into Energy
- Roofing: Reflective Cool Roof and Live Plant Roof
- PEX - Water Distribution Systems
- High Performing Windows
- Spray Foam and Spider Blown in Insulation
- Smart Irrigation, Thermostat, Audio and Video Controls
- Efficient Lighting Systems
- Drought Tolerant Landscaping
- Tighter Building Envelope

Resources

- All Wood Procured through Sustainable Forestry Initiative (SFI)
- GREENGUARD Indoor Air Quality Certified® Gypsum using Recycled Wall Board and Paper
- Plaster with Recycled Cement Content
- Insulation with 25% Recycled Content Certified by Scientific Certification Systems
- PEX Tubing Exceeds Life Cycle of Copper and uses Less Energy
- 20% of Fly Ash was used in Foundation Mix



Measuring Performance

- White Papers/Case Studies
- Quality Installation of Insulation (QII)
- Thermal Bypass Checklist
- Home Energy Rating System (HERS)
- Indoor Air Quality (IAQ)
- Third Party Verification of Title 24
- Energy Star Certification

Thank You



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