



## ***Building Better Homes™ Educational Program Contents***

***Building Better Homes*** educational program content is presented in three CDs covering four parts in depth:

- 1. What is a Better Built Home**
- 2. Building a Better Home**
- 3. Getting Started Building Better Homes**
- 4. Selling a Better Built Home**

### **Disc 1: What is a Better Built Home**

A presentation of building science principles and physics behind a better built home, including interviews with successful home builders who have incorporated these principles into their construction systems and share why they would not build any other way. Sections cover:

- The Challenges of Building Better Homes Today
- The Whole House Systems Approach
- The Eight Rules of Building Performance
- Four Pairs of Glasses
- Builder Experiences-Interviews
- Summary
- Learn More

### **Disc 2: Building a Better Built Home**

A guide to applying the principles described in Disc 1 to each stage of the home building process, using real-life examples supported by construction details, installation, video, printable instructions and checklists.

#### ***Section 1: The Building Site***

- Introduction
- Climate
- Drainage
- Solar Exposure
- Noise
- Seismic Conditions
- Soils
- Insects & Rodents
- Summary
- Learn More
- Checklist

#### ***Section 2: The Foundation***

- Introduction
- Footings
- Slab on Grade

- Crawl Spaces
- Full Basements
- Foundation Walls
- Foundation Water Management
- Backfill & Grading
- Foundation Insulation
- Soil Gas Management
- Summary
- Learn More
- Checklist

#### ***Section 3: The Subfloor System***

- Introduction
- Floor Joists
- Rim Joists
- Subflooring
- Ledgers
- Summary
- Learn More
- Checklist

#### ***Section 4: The Exterior Wall System***

- Introduction
- Wall Structures
- Exterior Cladding
- Water Management
- Windows & Doors
- Sheathing
- Insulation
- Managing Air & Vapor Flow
- Interior Wall Materials
- Summary
- Learn More
- Checklist

#### ***Section 5: The Roof***

- Introduction
- Roof Design
- Air Barrier
- Insulation
- Ventilation
- Sheathing
- Underlayment
- Flashing
- Types of Roofing Materials
- Skylights & Roof Penetration
- Gutters & Downspouts
- Summary
- Learn More
- Checklist

### **Section 6: Mechanical Systems**

- Introduction
- Design
- Heating Systems
- Cooling Systems
- Ductwork
- Ventilation
- Indoor Air Filtration
- Managing Humidity
- Exhausting Appliances
- Summary
- Learn More
- Checklist

### **Section 7: Plumbing & Electrical**

- Introduction
- Plumbing
- Electrical
- Lighting
- Summary
- Learn More
- Checklist

### **Section 8: Finishes & Appliances**

- Introduction
- Wall Coverings
- Paints, Stains & Finishes
- Floor Coverings
- Cabinetry & Trim
- Appliances
- Summary
- Learn More
- Checklist

### **Section 9: Remodeling**

- Introduction
- Exterior Inventory
- Interior Inventory
- Exterior Recommendations
- Interior Recommendations
- Summary
- Learn More
- Checklist

### **Section 10: Turning Over the House**

- Introduction
- Homeowner Orientation
- Summary
- Learn More

### **Disc 3: Getting Started Building Better Homes**

Provides builders with tips, insights and a process for transitioning their business and construction practices to using the whole house systems approach to building homes. Includes interviews with successful builders who are integrating the approach into their businesses.

- Introduction
- The Builder's Experience: Making the Change
- Training & Education

- Help is There
- Construction Transition Process
- Organizational Transition Process
- Summary
- Learn More

### **Disc 3: Selling a Better Built Home**

Provides ideas/suggestions for marketing higher performing homes, including examples of sales literature, checklists, and video of tips and advice from builders and a realtor who apply the whole house systems approach to home building.

- Introduction
- Marketing
- Training & Education
- Sales Tools
- Branding & Affiliations
- Summary
- Learn More
- Checklist

### **Appearing on all three CDs:**

- Acknowledgement of educational partners and links to their websites.
- Navigation tips and instructions for loading/using the program, including Troubleshooting and Support Sections.

### **System Requirements:**

#### **Windows® Minimum:**

- Intel Pentium® II 500 MHz (or equivalent)
- Windows 98SE/Me/2000/NT 4/XP
- 32 MB Free RAM and 16x CD-ROM drive
- Sound card & speakers
- Monitor/display capable of 1024 x 768 resolution

#### **Windows® Recommended:**

- Intel Pentium® III 650 MHz (or equivalent)
- Windows 98SE/Me/2000/NT 4/XP
- 64 MB Free RAM and 20x CD-ROM Drive
- Video card with 32 bit color
- Sound card & speakers
- Monitor/display capable of 1024 x 768 resolution
- Internet connection

#### **Macintosh®:**

- PowerPC 350 MHz, G3 recommended
- OS X or Macintosh Classic OS 8.6+
- 64 MB RAM and 16x CD-ROM
- Sound card & speakers
- Monitor/display capable of 1024 x 768 resolution
- Internet connection

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