

The BoKS House Story
E.S.T. - Modern Farmhouse
Architects Design Process

By Daniel Bryan

- Introduction
 - Nothing New to Create (assumption)
 - Shelter-Water-Food
 - Utilities-Technology
 - Ecology
- Site Analysis
 - Solar Orientation
 - Drainage
 - Access
 - Climate
- Space Planning
 - Programming
 - Circulation & Efficiency Ratio
 - Room use and Relationships
 - Dimensional Requirements
 - Functional-Mechanical
- Structure
 - Floors, Walls and Roof
 - Loads & Spans
 - Materials
 - Simplify Concept
- Synthesize
 - Puzzle Solving
 - Balance-Scale-Proportion
 - Composition
 - Reach a Unified Whole

Variable Customization

- Stylistic
 - Building Skin
 - Material
 - Texture-Color-Pattern
 - Trim & Plumbing Fixtures
 - Finish Hardware
 - Appliances-Cabinets-Tops
 - Lighting
 - Furnishing

- Durability-Quality
 - Exterior envelope
 - Window Performance
 - Insulation Effectiveness

- Alternate Building Elements
 - Solarium
 - Front Porch
 - Third Car Garage/home office
 - Basement space
 - Smart Lounge

- Energy Systems
 - Solar System
 - Geo-Thermal System
 - Water Filtration System
 - Wind Turbine
 - Home Tech