

## Curriculum Vitae Gary Schweizer, P.E.

October 8, 2019

### Education

Degree/Studies	Institution	Date	Major Field
BSCE	Ohio State University	1977	Civil/Structural Engineering
MBA	University of Dayton	1981	Business Administration/Finance
<i>Dissertation/Advanced Studies – Construction Scheduling &amp; Project Management</i>			
Bldg. Insp.	Rhode Island	2000	Residential Building Inspection/Certification
Cont. Ed.	Varies	Ongoing	Structural Engineering, Leadership and Management Training, Wood Technology, Public Speaking

Attended Weyerhaeuser Leadership Institute

Annual Attendance - General Hugh Shelton Leadership Institute (NC State University)

### Experience

Title	Company	Dates
Engineering Director	Weyerhaeuser	2006-present
<i>Responsible for technical support on Weyerhaeuser engineered lumber products placed into residential applications. This includes engineering/ technical support for Trus Joist product and Weyerhaeuser OSB products. Actively involved in field problem resolution and litigation support for Weyerhaeuser.</i>		
Senior Engineer	Trus Joist, a Weyerhaeuser business	1987-2005
<i>Responsible for the design, analysis, and specification of Trus Joist products in the structural frame; and, quality assurance for TJI® joists, Microllam® LVL, TimberStrand® LSL and Parallam® PSL</i>		
Plant Engineer	Trus Joist Corporation	Delaware, Ohio 1983-1987
<i>Responsible for design, analysis, and manufacturing of Trus Joist open web products in light commercial applications</i>		
Structural Engineer	Stilson & Associates	Columbus 1977-1983
<i>Duties - Design and Analysis of commercial and industrial buildings; extensive structural steel and reinforced concrete design; forensics analysis</i>		

### Projects/Key Assignments

Provides Engineering Support on Trus Joist/OSB Litigation – has testified in 25 + court cases involving design, installation and serviceability issues

NextPhase® management – ensuring value realization at dealers and jobsites (from 10% to 20% over 5+ years)

Relaunch of Buckhannon Parallam® PSL – Eastern sealer, product performance validation vs. Glulam

TJ-Exceeds – improving the moisture performance of TJ products

Trus Joist Product Mix (*rationalization of TJ product offering vs. raw material sourcing and plant manufacturing capability*)

Javelin® Software – proprietary structural design software (*engineering verification*)

Dropped header analysis (*industry guidelines regarding lateral stability of built-up beam members without direct lateral support*)

Industry rim board design and proprietary strategy (*committee defined industry analytical and empirical approval procedures; led the development of the Trus Joist/Weyerhaeuser rim board products and marketing strategy*); provides engineering expertise on lateral load resolution

### **Speaking Engagements**

- Hosting Weyerhaeuser Safety Introspective Sessions for Sales and Marketing (Driver Safety, Fitness and Wellbeing, Personal Safety, Ergonomics, Job-Site Safety)
- Woodworks (2017-2019 USA Lectures) – *Framing Techniques for Builders: Lessons Learned and Best Practices*
- Certified Instructor for Weyerhaeuser via Achieve Global – Presentation Training
- AIA Training – BLS 510 *Engineered Wood Products in Fire and Sound Floor Assemblies – Multi-Family*
- *Design Considerations for Wooden Building Structures*; Lorman Education Services.
- Weyerhaeuser Engineering seminars (*Field Problem Analysis and Resolution; Vertical and Lateral Load Rationalization; New Products Specification; Product Application Assurance*)
- Customer/Specifier Presentations throughout North America – Sound, Fire, Floor Performance, Structural Rationalization, Preservative Treatments for Prescribed Applications, etc.
- *Designing Wood Structures – Component vs. System Design*; Illinois Association of Licensed Architects
- *Fire Safety – System Design*; various municipalities and building officials in the Great Lakes area

### **Publications**

“*Lateral Support of Wood Beams in Residential Structures*”, Structure magazine, January 2008  
Various industry/Weyerhaeuser ‘replies’ to Questions to the Editor – Journal of Light Construction  
“*Eastern Parallam® PSL*” – Weyerhaeuser Blog (12-2016)

### **Associations**

Member of the American Society of Civil Engineers; NF&PA – National Fire Fighter and Protection Association; Structural Engineering Institute  
Participates in American/Canadian Wood Association meetings  
Licensed Professional Engineer – Ohio, NC, Maryland, Virginia, NJ, NY, Michigan, W. Va., Maine, NH, Delaware  
Licensed Structural Engineer - Massachusetts

### **Awards/Recognition**

Art Troutner Award (life time recognition of engineering excellence in support of Trus Joist) – 1997  
Trus Joist Technical Associate of the Year – 1985 and 1992