

Thomas J. Huneke P.E.

60 Gailwood, Suite B, St. Peters, MO 63376 636 441-9000 636 922-9915 fax

Civil Engineering specializing in Residential Structural Engineering

Education:

Bachelors Degree - Urban and Environmental Engineering, Southern Illinois University, Edwardsville 1981

Associates Degree - Civil Engineering, Florissant Valley Community College, 1978

Licensed Engineer:

E. I. T. Engineering in training, 1978

Professional Engineer State of Missouri # 19552, 1982

Experience:

Lumbermate Company, St. Louis MO 1978 – 1980

Roof truss engineering: Determination of bending and axial stress in lumber due to live and dead loads applied. Selection of steel gusset connections for joints to handle shear, moment and tension forces.

Lumbermate Company, St. Louis MO 1981– 1990

Technical Sales Engineer: Development of structural truss engineering software used on the PC. Roof and floor system design. I joist engineering. Local and national code development and implementation.

Alpine Engineered Products, St. Louis MO 1991 - 2000

Technical Sales Engineer: International travel as ATP (Alpine Truss Plant) expert. Installed software and trained engineering designers for use of the ATP program. Hanger division working with Alpine and Simpson Strongtie.

Huneke Homes, St. Louis, MO 2000 – 2009

Home builder. Designed and built custom homes. Created blue prints for city plan review and approval. Built over 125 homes in the St. Louis and St. Charles county area.

Huneke Engineering, St. Louis MO 2004 – Present

Residential and light commercial engineering. IRC and IBC code compliant design of:
Concrete- footing, stem wall, foundation, pads, retaining walls and bridges.
Wind and Seismic- tall walls, shear panels, drag struts and steel moment frames.
Connectors- spec Simpson products, design bucket hangers.
Wood – trusses, timber, decks, cantilevers, headers, columns, balloon walls.
Steel – Light Gauge Steel studs, trusses, I beams, columns, base plates, welding, multistory buildings, bolting and structural engineering.
Blueprint design of over 150 custom homes and 25 light commercial projects.
Land Planning- surveying, plots, plats, subdivision layout.

Professional Affiliations and Membership:

Member of the St. Louis and National Home Builders Association., Concrete Council, Light Gauge Steel Engineers assoc., A.S.H.I.

Minority business status and affiliation.

References upon request.