

Mark S. Sands, PE
1621 S. Sable Pointe Drive | Shelby, MI

Mr. Sands is a veteran engineer, construction cost specialist, and inventor. In 2003 he left his “day job” to develop an integrated information modeling, measurement and management system. The purpose for this system is to optimize real estate value – by stabilizing and then improving the facility planning, production and performance. The principle strategy is bringing to commercial real estate what W. E. Deming refers to as “profound knowledge.” The key to this strategy is for facilities to be submitted to prediction and, therefore, measurement based on its purpose and functions. Because of many variables that impact a facility’s outcomes, a big data Analysis system is required. The Building Catalyst invention (patent pending) that predicts outcomes for proposed projects – is the result of this integrated information modeling, measurement and management and big data analysis system.

Throughout his career, Mr. Sands has served in a variety of roles on medium to large commercial construction projects in 25 states – and one bush hospital in South Sudan, Africa.

EDUCATION and REGISTRATION

Bachelor of Science in Civil Engineering | Michigan State University

Masters in Business Administration | Western Michigan University

Registered Professional Engineer | State of Michigan

EMPLOYMENT (Current to 1976)

Performance Building Systems & Building Catalyst LLC (Current - 15 Years) | President

Progressive AE (2 Years) | Vice President

The Christman Company (10 Years) | Vice President

The Weitz Company (5 Years) | Operations Manager

Vantage Point Construction Management (2 Years) | Project Manager

The Miller-Davis Company (3 Years) | Superintendent

PERSONAL – Married to Carol for 34 Years, four daughters and four grandchildren