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Designer Profile Samuel L. Hudson



Family Dynamic:

Married with 2 sons and daughters = 4 headaches, usually not all at the same time. Note that my dear wife is not one of the headaches, especially if she should read this....I Love You...

Current Project Assignments:

Ft Bliss Barracks, Conversion from Revit to Bentley, Project Execution
Old Line Police Barracks Complex, The Gambia, Project Designer
BIM Support Services to Owens Architects, Project Execution.

BIM Initiatives:

Outlining Integrated Practice for Design-Build partnerships
Expanded reporting to support Project Cost Analysis

Use of Visual Basic to interconnect BIM software with Word and Excel for reporting.

GBxml export for Energy Analysis
Interference Detection and Construction Simulation Studies

Sustainable Designs Research

Design using Structural Insulating Panels

Investigations into Organic Developments (link to image of Villa Esperanza)

Competitions through Architects for Humanity

Visionary

I am working on expanding the use of PDFs with embedded 3D models and animations to better communicate the design to our clients. My hope is that this medium will offer a simple method of sending the state of design for discussion and review at many points during the design process. This will also integrate with Jeff Owens' pursuit of animation and presentation through fluid media outlets.

Education:

Bachelor of Architecture
with distinction 1989
The University of
Kentucky

Work Journey:

MHG 13 Yrs, Architectural
Designer
WRS 1 Yr, Architectural Designer,
Sole Proprietor
PSA Dewberry 6 Yrs, CAD/BIM

Association:

Part of Bentley Architectural
Council, development advisory
body.

Current software implementation study

Bentley Architecture, Bentley
Structural, Bentley Mechanical,
Bentley Electrical,
Interference Detection,
Construction Simulation & 3D
PDFs.

Related Interest

Strawbale Construction
Low Impact Design
Reinvestigation of Organic Living
Spaces

Striving to make a Difference

Habitat for Humanities and
housing intervention for those
impacted by economic crisis.