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# BARBARA KELLY

## PROJECT ENGINEER II

**About:** I have performed investigations related to water intrusion, fire damage, wind damage, and structural failures and collapses. I am experienced in site design for residential and commercial projects of varying scale and complexity, and competent in a variety of computer programs, including Computer Aided Design (CAD) programs, Geographic Information Systems (GIS) programs, and various computer programming languages and technologies. EIT pursuing PE license.

## WORK EXPERIENCE

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- 2019-10-  
Present **PROJECT ENGINEER II**  
*JS Held, Alpharetta, GA*  
Performing forensic inspections and analysis of structures to provide an engineering evaluation. Writing technical reports in support of the evaluation on the origin, cause, and extent of relevant damages based on field observations and research.
- 2018-11-  
2019-10 **PROJECT ENGINEER**  
*Ridge Planning and Engineering, Marietta, GA*  
Civil site design utilizing AutoCAD Civil 3D including site, storm and sanitary design, and Erosion Control. Creating full sets of engineering plans, land planning/ preliminary conceptual designs, and coordination of subcontractors and permitting.
- 2017-08-  
2018-11 **PROJECT ENGINEER**  
*Paragon Consulting Group, Atlanta, GA*  
Civil site design utilizing AutoCAD Civil 3D including site, grading, storm & sanitary design, and erosion control. Project management for roadway asset management programs for municipal clients. Data collection oversight, data processing, data analytics and visualization with custom forms and maps utilizing ArcGIS and FileMaker Pro.
- 2015-08-  
2016-08 **ENGINEERING TECHNICIAN**  
*Singhofen & Associates, Orlando, FL*  
Supporting floodplain management and FEMA mapping through setting up and running hydrologic and hydraulic (h&h) models in ArcGIS & ICPR (H&H modeling program). Writing technical reports utilizing high quality supporting maps, graphics, tables & charts.

## EDUCATION AND TRAINING

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- 2019-01 **EROSION AND SEDIMENTATION CONTROL PROGRAM**  
GASWCC | LEVEL II CERTIFICATION # 0000086326
- 2017-05 **ENGINEER IN TRAINING CERTIFICATION (EIT)**  
State of Georgia | EIT027221
- 2016-05 **BACHELOR OF SCIENCE IN ENVIRONMENTAL ENGINEERING**  
University of Central Florida | 3.7 GPA with Honors