

JASON E COATES

Civil Designer

JasonC@ShroyerDrapala.com



Jason E. Coates

PROFESSIONAL EXPERIENCE

CADD Experience:

15 years experience utilizing AutoCAD Rel. 11 through the latest release of Civil 3D for production of Construction Plans.

Design Experience:

Strong experienced with the use of WaterCAD V8 XM for water and force main distribution design modeling, use of ADICPR3 for pre and post-development stormwater design, created excel spreadsheets for special design criteria, and StormCAD for stormwater pipe design.

Project Management Experience:

Comfortable working directly with clients and regulatory agencies for project design and permitting. Has bid proposal and construction cost estimate experience for projects less than 5 acres.

Mr. Coates is a Civil Engineering designer with experience in public and private design. With strong AutoCAD and Civil 3D abilities, he has been an integral part of all portions of the preparation, design, and approval process, which includes extensive experience in site development and infrastructure design.

WORK EXPERIENCE

Civil Designer

www.shroyerdrapala.com
Shroyer Drapala Engineering, LLC
Bradenton, FL

2009 to Present

CADD Designer, working to provide hands on personal service to land developer clients and local government agencies. Specialize in guiding land development projects through the governmental review process in Manatee and Sarasota County. Completion of these tasks is performed using AutoCAD Civil 3D 2011, AdICPR3, WaterCAD V8 XM, and ArcGIS 9.3 and personal design spreadsheets for specific design requirements.

Civil Designer

www.vhb.com
Vanasse Hangen and Brustlin, Inc.
University Park, FL

2007 to 2009

CADD Designer in VHB's Land Development division. Worked in a team environment with responsibilities to create Construction Plans and supporting calculations for local and state regulatory approval. Completion of these tasks was performed using AutoCAD Civil 3D 2008, AdICPR3, WaterCAD ver. 7, StormCAD ver. 7, ArcGIS 9.3 and producing design spreadsheets, for specific site conditions and requirements.

Civil CADD Designer
www.znseng.com
ZNS Engineering, LC
Bradenton, FL

1999 to 2007

CADD Designer in a team environment to create Construction Plans and supporting calculations for regulatory agency review. Experienced in AutoCAD from release 13 through Civil 3D 2006, including Land Development Desktop, for exist and proposed site plans. Used AdICPR2 for stormwater modeling and design, and additional spreadsheets for pipe sizing and pond design. Designed and modeled pressure systems, for waterlines and forcemains, using WaterCAD version 6.

Structural Steel Detailer
Shrum Steel
Bradenton, FL

1997 to 1999

Utilized structural and architectural plans to breakdown and quantify all miscellaneous steel included in building construction. Produced shop drawings with AutoCAD release 14, for steel fabrication and field installation.

EDUCATION

B.S., Civil and Environmental Engineering
University of South Florida, Tampa, FL

A.A., General Engineering
Manatee Community College, Bradenton, FL

A.S., Architectural and Civil Engineering Technology
Central Maine Community College, Auburn, ME

AFFILIATIONS

- American Society of Civil Engineers
- Florida Planning and Zoning Association (Gulf Coast Chapter)