

<p style="text-align: center;">MATHEW W. CHINAULT, E.I. STAFF ENGINEER, MADRID ENGINEERING GROUP, INC.</p>
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Professional Profile

Mathew W. Chinault joined MEG full time in January 2002 and brings with him prior experience in geotechnical investigations through a summer internship completed at MEG during the summer of 2001. Since joining the MEG team Mr. Chinault has assisted in the completion of sinkhole investigations, infiltration testing, monitored drilling activities at various sites, and assisted in the design of both residential and commercial foundations. Mat's employment background through high school and college includes extensive experience in the construction industry with residential builders and builders suppliers.

Mr. Chinault's recent relevant experience includes:

- **Subsidence Investigations**
Monitor and supervise geotechnical borings for subsidence investigations at residential sites. Duties include scheduling, initial investigation, site mapping, soil sampling, soil classification and generation of reports.
- **Infiltration Testing**
Perform double ring infiltration tests to determine ground water infiltration rates for the design of storm water retention ponds.
- **Foundation Design**
Used soil boring data to perform Bousenesque analysis, Meyerhoff bearing capacity, and settlement calculations to design foundations for numerous residential and commercial buildings.

Education:

B.S. - University of Florida,
Civil Engineering, 2001

Registrations

- E.I.T. Registration

Areas of Expertise:

- Infiltration testing
- Soil Sampling
 - Auger Borings
 - SPT Borings
 - CPT Borings
- Soil Classification / Laboratory Testing
 - Atterberg Limits
 - Hydrometer Analysis
 - Gradation Analysis
 - Moisture Content
 - Organic Content
- Foundation Design
- Pile Design