

GRAHAM D. FAY

PROFESSIONAL EXPERIENCE

Beals Associates, Inc., Boston, MA

2020- Present

Project Engineer

- Create conceptual base plans using Mass GIS data and GIS sources
- Conceptual planning through 3D modeling software
- Utilize AutoCAD Civil 3D to create conceptual site layout designs
- Prepare conceptual designs in compliance with local bylaws
- Perform feasibility studies in compliance with local zoning bylaws
- Prepare local permitting documents for Notice of Intent applications and Site Plan applications
- Watershed analysis for pre and post development conditions using HydroCAD
- Prepare and review final construction documents

The Engineering Corp. Inc., Andover, MA

2018-2020

Project Engineer

- Drafted full site plans from conceptual design through construction
- Designed and sized stormwater facilities using AutoCAD and HydroCAD
- Configured sites to allow truck access using AutoCAD Vehicle Tracking
- Prepared permits for municipal and private projects
- Conducted SWPPP inspections and completed corresponding reports

Town of Hampton, Hampton, NH

2017-2018

Capstone Project

- Designed dune walkover for Hampton Beach State Park
- Completed site graphics using AutoCAD and REVIT
- Prepared required permit documents

EDUCATION

Bachelor of Science, Civil Engineering, University of New Hampshire, Durham, NH

PROFESSIONAL CERTIFICATIONS

OSHA 10-Hour Hazard Recognition