



DAN MORIARTY, E.I.T.
SENIOR STAFF CONSULTANT

dtmoriarty@engsys.com

Mr. Moriarty is a Senior Staff Consultant with the Civil Engineering team. He has more than 5 years of experience in building design including structural analysis, structural drawing and detail production, and risk assessment. This includes new and existing buildings in a range of sectors such as single- and multi-family residential, commercial, industrial, power generation, and hospitality. While Mr. Moriarty specializes in the design and construction of residential wood structures and commercial steel structures, he has also designed masonry, light gauge, and mid-rise concrete buildings. He has extensive experience with drawing production and Building Information Modeling in AutoCAD, Revit, and Tekla Structural Designer. Mr. Moriarty has managed full project life cycles from conceptual design through construction administration.

Prior to his career in structural design, he was a Reliability Engineer in oil refineries and natural gas facilities. In Chicagoland as well as the Arctic Circle in Alaska, he assessed the risk and impact of failing concrete and mastic fireproofing and maintained quality control on large-scale renovations during turnarounds.

Areas of Specialization

Commercial structures
Infrastructure
Residential structures

Education

University of Illinois at Urbana-Champaign, 2017
M.S. Civil Engineering Structural Engineering; Business Management for Engineers certificate

University of Illinois at Urbana-Champaign, 2014
B.S. Civil Engineering; Emphasis in Structural Engineering

Professional Affiliations

American Society of Civil Engineers (ASCE)
Structural Engineering Institute (SEI)
American Institute of Steel Construction (AISC)
American Concrete Institute (ACI)
Structural Engineers Association of Colorado (SEAC)

Positions Held

Engineering Systems Inc., Centennial, Colorado
Senior Staff Consultant January 2022 to Present

Evolve Structural Design, Carbondale, Colorado
Project Engineer April 2021 to December 2021



Dan T. Moriarty, E.I.T
January 2022

TGRWA, LLC, Chicago, Illinois

Engineer II

March 2018 to April 2021

NLP Concepts, LLC, Chicago, Illinois

Engineer I

January 2016 to August 2017

Brindley Engineering Corporation, Lisle, Illinois

Reliability Engineer I

January 2015 to August 2015