



Darshan Gabani is a Design Consultant at MaGrann Associates. He is responsible for providing engineering design and consulting services. Darshan conducts detailed mechanical, plumbing, and fire protection for the multifamily and design team.

Professional Experience

Darshan has over 3 years' experience conducting energy audits and assessments and performing HVAC design, plumbing design, energy modeling, and building commissioning. Since joining MaGrann, he has performed in the following areas:

STRATEGIC WORK

- ◆ Develops and maintains proficiency and awareness of industry developments related to energy efficiency in single and multifamily buildings;
- ◆ Identifies and works towards addressing technical training needs.

TACTICAL WORK

- ◆ Performs heating and cooling design load calculations and energy use analysis;
- ◆ Designs and lays out mechanical and plumbing systems in 2D and 3D CAD;
- ◆ Designs to LEED and ENERGYSTAR performance building standards;
- ◆ Supervises and coordinates work of technical subcontractors and Associates.

PROJECT EXPERIENCE

- ◆ Multifamily retrofit design in projects such as Nutley Properties, Oak Terrace, Summer Hill of Wayne, Radnor Manor, and Hillside Village located in North Jersey. Scope of work includes energy load calculations along with design of heating and cooling

systems in the property, for replacing existing systems.

- ◆ New design of HVAC systems for apartment buildings with mechanical drawings for:
 - ◆ Mt Joy Senior Apartments, Mount Joy, PA;
 - ◆ Upper East Apartments, Frederick, MD;
 - ◆ Avalon Bay West Windsor, Princeton Junction, NJ;
 - ◆ Hillandale Gateway, Silver Spring, MD.

Expertise

Program management, utility allowance surveys, research, energy engineering, industrial technology, project management, Building code compliance

Credentials

- ◆ Engineer in Training (EIT) certification
- ◆ OSHA 10-hour Construction Safety

Education

M.S. Mechanical Engineering, University of Florida, Gainesville, FL

B.Tech Mechanical Engineering, Sardar Vallabhbhai National Institute of Technology, Surat, India