

ENTRY-LEVEL DRAFTING, MOUNT SINAI HOSPITAL (PLANNING, DESIGN + CONSTRUCTION)

Full Time Position

- Use AutoCAD software to convert designs into technical drawings and plans.
- Ability to use Blue Beam, Adobe Photoshop, Excel, Word and Outlook
- Produces designs, working drawings, charts, forms and records using computer-aided design and drafting (CAD) software.
- Works from rough sketches and specifications created by engineers and architects.
- Modifies and revises designs to correct operating deficiencies or to reduce production problems.
- Lays out and draws schematic, orthographic, or angle views to depict functional relationships of components, assemblies, systems and machines.
- Coordinates with other workers to design, lay out, or detail components and systems.
- Checks dimensions of materials to be used and assigns numbers to the materials.
- Reviews and analyzes specifications, sketches, drawings, ideas, and related data to assess factors affecting component designs and the procedures and instructions to be followed.
- Helps design products with engineering and manufacturing techniques.
- Prepares designs for review by engineers and architects. • Analyzes building codes, by-laws, space and site requirements, and other technical documents and reports to determine their effect on architectural designs.

Please reach out to Wilvin.Rodriguez@mountsinai.org