

## Building layouts Architectural Engineering picture

The Architectural Engineers are responsible for the different systems within a building, structure, or complex. Architectural engineers focus several areas, including: the structural integrity of buildings, the design and analysis of heating, ventilating and air conditioning systems, efficiency and design of plumbing, fire protection and electrical systems, acoustic and lighting planning, and energy conservation issues. Architectural engineering can be completed at a variety of architecture. An architect can choose supervisory or managerial positions at an established architectural firm, with a more comprehensive architecture.

Architectural engineers are responsible for taking the design and developing the details of the building systems, including structural, heating/air conditioning, plumbing, fire protection, and electrical. They use their expertise in engineering, mathematics, and physics to make sure the structure is sound and functional.



The Architectural Engineering technology program offers a concentration in architectural design and graphic communication as well as material in related fields such as structures, mechanical systems, professional practice, and commercial building technology. Engineers offer architectural design services like building and structural design, exterior and interior 3D rendering, architectural as built drawing, plans, elevation and sections, architectural drafting, architectural drawing, landscaping, and 3D modeling.

Engineering Design Graphics encompasses the creation of technical drawings and documentation used by workers to build everything from manufactured products, such as industrial machinery and printed circuit boards, to structures, such as houses and office buildings. These drawings provide visual guidelines, show the technical details of the products and structures, and specify dimensions, materials, and procedures.



Architectural Engineers include wealth of expertise and skill in architecture and civil engineering to give you solutions that unite imagination, functionality and cost. Architectural design services similar to building and structural design, elevations & sections, exterior and interior 3d rendering, plans, and cost estimation good business intelligence.

**By Revit Services Team**