



BUILDING DESIGN SERVICES

MO-SCI CORPORATION—ROLLA, MO

MO SCI Corporation of Rolla, Missouri, employed Integrity Engineering, Inc. to assist them with a new glass production facility. Integrity was entrusted with the responsibility of planning, detailed design, construction documents, bidding and construction phase services for the project. The facility consists of a 29,000 square foot state-of-the-art production facility for producing glass into a useable form that can be used as a raw product for producing scientific precision glass beads.

The facility also includes a 2,500 square foot office area. Detailed design included a 2000 AMP, 480 volt electrical system, which has cable tray and buss ducts sized for future growth of the facility. Mechanical systems include full dehumidification and radiant heat for the production area, as well as a filtered ventilation system to minimize dust and particulate issues. The building includes a full 3" thermal panel system, simple saver R-38 roof insulation, a mechanical loading dock and multiple overhead doors.



PULASKI COUNTY SEWER DISTRICT NO. 1 OFFICE RENOVATION—ST. ROBERT, MO

Integrity Engineering worked very closely with the Sewer District in evaluating and ultimately recommending that the District purchase the 10,000 square foot building.



After the District purchased the building, Integrity designed and handled construction management of a new standing seam roof on the entire building along with adding insulation to the roof structure. Four thousand square feet of the main structure was totally renovated and converted into the Sewer District headquarters. The renovations as designed by Integrity included all new interior and exterior walls, new ceilings, electrical system, zoned high efficiency HVAC system, and a FEMA storm shelter room that doubles as a kitchen and break room for employees.

The facility has a board room that seats 30 people and features customer lobby and high efficiency lighting throughout.