Integrity Engineering, Inc. was employed to provide architectural, structural, mechanical, electrical and civil design services for the Kingsford Dryer Building in Belle, MO. The new Dryer Building includes a 7,500 sq. ft. main level with an additional 1600 sq. ft. of mezzanine catwalk area above the existing briquette dryers. This project was very unique in the amount of pre-planning and project coordination required to provide a constructible design. Essentially, the project required that the new building be built over and around the existing 1930’s masonry Dryer Building in order for all the process equipment to remain in place and operational during the entirety of the construction.
Once the new steel frame had been erected, all of the existing equipment and loads on the old building were transferred to the new steel frame. Then the old Dryer Building was demolished and removed, and the remainder of the construction was completed. Integrity Engineering worked with both the local Kingsford executives and the Clorox corporate offices in Atlanta, GA extensively to ensure that the final design could be fully implemented without negatively affecting Kingsford’s plant process, maintaining a safe work environment, and meeting the needs of the client for the new facility. These design process, pre-construction, and construction meetings and conference calls were instrumental in bringing the whole project to a successful conclusion.