

ARCHITECTURAL ENGINEERING

Mail Order Pharmacy Building Fort Worth, Texas



Architect:	DMS Architects, Inc.
Completion Date:	2003
Building Use:	Six-story Office & Distribution Facility
Building Size:	134,000 sf
Construction Cost:	\$10,000,000

Project Description: Structural Solutions, Inc. prepared the design for a four-story office and pharmaceutical distribution facility with a future expansion capability up to six-stories. The structure is designed using a 30-foot by 40-foot bay spacing to best accommodate the automated distribution equipment. Additionally, Structural Solutions, Inc. performed connection engineering services for the project and incorporated connection designs in the contract documents. As a result of preparing the connection designs, the steel fabricator prepared approved shop drawings, detailed and fabricated all required pieces, and delivered the package to the project site for erection within seven weeks of the date the steel fabricator received the contract drawings. As an added benefit, the structure was erected and topped out in the following four weeks.

Project Construction: The structural system is constructed using conventional structural steel frames utilizing a composite structural slab system and a concrete masonry and brick veneer. The lateral load resisting systems are composed of vertically braced. The foundation system consists of drilled piers, and the slab system consists of a reinforced concrete slab on grade.